

FILE NOTATIONS

Entered in NID File
 Entered On S R Sheet
 Location Map Pinned
 Card Indexed
 IWR for State or Fee Land

Checked by Chief
 Copy NID to Field Office
 Approval Letter
 Disapproval Letter

COMPLETION DATA:

Date Well Completed 11-8-56

Location Inspected _____

OW VW TA _____

Bond released _____

GW OS PA _____

State of Fee Land _____

'59 Reconn. Log LOGS FILED

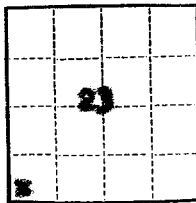
Driller's Log 3/15-57

Electric Logs (No.) 2

E 2 I _____ E-I _____ GR _____ GR-N _____ Micro 2

Lat. _____ Mi-L _____ Sonic _____ Others _____

Form 9-381a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. 14059
Unit Red Wash

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. 14-23A is located 660 ft. from S line and 760 ft. from W line of sec. 23
23 (1/4 Sec. and Sec. No.) T 1 S (Twp.) R 22 E (Range) 3 W (Meridian)
Red Wash (Field) Utah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5100 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

It is proposed to drill a well for oil in the basal Green River formation.

The proposed casing program is:
 100' 1 1/4" O.D., J-55 casing and cement to surface
 Approx. 6000' 2" O.D., J-55 & K-30 casing and cement with a sufficient amount to
 enclose all potential oil and gas zones.

Est. top of Green River fm. 3100
 Est. top of Wasatch fm. 6000

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

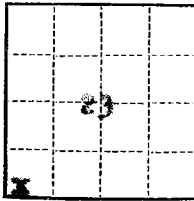
Company The California Company

Address P. O. Box 155

Normal, Utah

By P. L. [Signature]

Title Area Engineer



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. 1039

Unit Red Wash

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		<u>Subsequent Report of 1957 #1</u>	<u>1</u>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Vernal, Utah August 23, 1956

Well No. (150) 11-23A is located 660 ft. from 100N line and 760 ft. from 12E line of sec. 23

23 (1/4 Sec. and Sec. No.) 7 E (Twp.) R 22 E (Range) 110N (Meridian)
Red Wash (Field) Utah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5310 ft. set.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

WELL #1 - 2976 to 3032. 8000 straddle test w/hrs. set @ 2979, 2980, and 3032. Side wall anchor in 9" hole. No bit or log. (Set tool first to straddle 2976 to 3032 - no seat. Set to straddle 2976 to 3032 - no seat.) Tool opened w/wash blow - increased to fair in 1 min. and remained steady to end of test. Tool open 1 1/2 hrs. shut in 1/2 hr. Recovered 180' gas cut oil; mud, 637' water & gas cut oil; mud, 1029' gas cut water.

	11	12	13	14	15
Top of	1500	1490	710	1135	1500
middle	1585	590	670	1045	1585
bottom	1050	-0-	-0-	-0-	90

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

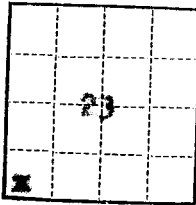
Company The California Company

Address P. O. Box 155

Vernal, Utah

By J. L. Barry

Title Area Rep't.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. 1077

Unit Red Wash

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. 1-21A is located 660 ft. from S line and 760 ft. from W line of sec. 23
 (Twp.) (Range) (Meridian)
Red Wash (Field) Utah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5331.2 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Run 11 jts., 185.73', 10 1/4", 10.50, 4-55, 8 rd and eng to 113.00. Run Baker 11.5' guide shoe and Baker 7.0' one ft. apart 11.75'. Welded top of 7.0' and all jts. below. Run 3 st. bow latch on centralizers one above 7.0', one above 1.0', and one on eng. collar above 1.0'. Cemented with 210 @ cement cement. Cement returns to surface. Cemented using Baker process (two plug).

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

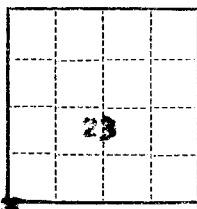
Company The California Company

Address P. O. Box 452

Jernal, Utah

By A. L. Berry

Title Area Supt.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. 0-0579

Unit Red Wash

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	<u>Subsequent report of DST #2</u>	<u>X</u>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. (#50) 11-33A is located 650 ft. from (N) line and 760 ft. from (E) line of sec. 23
(W)
(Sec. and Sec. 22) (Twp) (Range) (Meridian)
Red Wash Utah Utah Utah
Red Wash Utah Utah Utah
Red Wash Utah Utah Utah

The elevation of the derrick floor above sea level is 5331.2 ft. Gr.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

DST #2 - Interval 5556 - 5580. HOBCO straddle test w/pkrs set @ 5551, 5556 @ 5580. Bottom hole anchor in 9" hole. No #C or BMC. Tool opened w/weak blow increasing to fair in 1/4 min. Remained steady to end. Gas to surface in 62 min. Not enough to gauge. Tool open 1 1/2 hrs. Closed 1 hr.
 Recovered: 638' fluids 338' gas & very sl mud cut oil, 90' sl mud cut oil, 90' sl oil cut mud, 120' water cut mud, tr oil

	TH	IF	VF	SI	PH
Top BT	2870	135	195	1970	2775
Middle BT	2925	155	205	2090	2910
Bottom BT	3000	-	-	-	2850

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

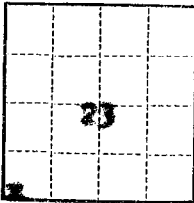
Company The California Company

Address P. O. Box 455

Vernal, Utah

By F. L. Berry

Title Area Sup't.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. 2-0559

Unit Red Wash

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	<u>Subsequent report of DST #3</u>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. (#50) 11-234 is located 660 ft. from [S] line and 760 ft. from [W] line of sec. 23
23 (1/4 Sec. and Sec. No.) 7. N (Twp.) 23. E (Range) G13N (Meridian)
Red Wash (Field) Utah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5331.2 ft. cr.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

DST #3 - 5432 to 5467. Homco straddle test with hook wall anchor in 9" hole. No HC or BH. Mud set at 5427, 5432 and 5467. Tool opened with weak blow, increasing to fair in 15 min. Remained steady to end of test. No gas to surface. Tool open 1 1/2 hrs., closed 1/2 hr.
Recovered: 45' very slight mud & gas cut oil; 90' mud cut oil; 270' very slight oil & slight water cut mud; 365' water cut mud. Total recovery 770' fluid. Oil recovered was black high pour pt.

	IN	17	27	31	41
Top PWD	2750	100	320	1655	2675
Middle PWD	2750	100	330	1660	2720
Bottom PWD	2800	-	-	-	2450

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

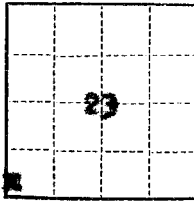
Company The California Company

Address P. O. Box 455

Vernal, Utah

By P. L. [Signature]

Title Area Sup't



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. 1-0559

Unit Red Wash

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		<u>Subsequent Report of 107 #1</u>	<u>X</u>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. (#50) 11-234 is located 660 ft. from 101N line and 760 ft. from 12W line of sec. 23
23 (1/4 Sec. and Sec. No.) 7 N (Twp.) 23 W (Range) 12 W (Meridian)
Red Wash (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5311.2 ft. Gr.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

107 #1 - Set Johnston 8" packers @ 5806, 5812 and 5818 to test interval 5812 - 5818. No H₂S or SO₂. Tool opened with good blow gradually decreasing to faint at end of test. Tool open 2 hrs., 51 30 min. No gas to surface. Recovered 2700' slightly gas cut water, Cl⁻ 3000 ppm, 6200 ppm

	<u>1F</u>	<u>7F</u>	<u>51</u>	<u>71</u>
Top Recorder	<u>10</u>	<u>1005</u>	<u>1935</u>	<u>2690</u>
Middle Recorder	<u>200</u>	<u>1190</u>	<u>2100</u>	<u>- (3000 psi recorder)</u>
Bottom Recorder	<u>-</u>	<u>0</u>	<u>-</u>	<u>2600</u>

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

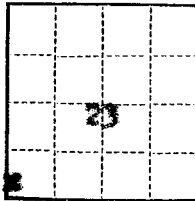
Company The California Company

Address P. O. Box 455

Yermal, Utah

By F. L. Jarry

Title Area Sup't.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. 2-0590

Unit Red Wash

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	<u>Subsequent Report of DST #5</u>	<u>1</u>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Vernal, Utah October 6, 1956

Well No. 11-231 (150) is located 560 ft. from IN line and 760 ft. from W line of sec. 23

23 7 E 23 E S124
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Red Wash Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5311.2 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

DST #5 - 1 1/2 hr. Brown straddle test. Interval 6091 - 6109. Set packers at 6085, 6091 and 6109 using bottom hole anchor. Valve open 1 1/2 hr., shut in 1/2 hr. No BHC or MC. Light decreasing flow during test. No gas to surface. Recovered 270' rise, very oily and becoming thinner downward, bottom testing 1000 ppm Cl⁻.

	IN	17	17	S1	E1
Top FT	2995	50	100	680	2850
Middle FT	3000	170	190	695	2915
Bottom FT	3100	-	-	-	3325

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The California Company

Address P. O. Box 155

Vernal, Utah

By P. L. Smith

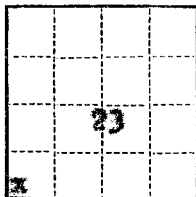
Title Area Sup't.

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City

Lease No. 1-2559

Unit Red Wash



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	<u>Subsequent Report of IFT #6</u> I

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Vernal, Utah October 6, 1956

Well No. (#50) 11-234 is located 660 ft. from DN line and 760 ft. from W line of sec. 23

23 (1/4 Sec. and Sec. No.) 7 E (Twp.) 23 (Range) 12 N (Meridian)
Red Wash (Field) Utah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5722.2 ft. Dr.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

IFT #6 - 1 hr. 12 min. Brown straddle test. Interval 5777 - 5813. Set packers at 5772, 5777 and 5813 using sidewall anchor with tail to 5824. Valve open 1 hr. 12 min. Red string flow decreasing to faint at end of test. No gas to surface. No RC or RSC. Recovered 2370' fluid rise, watery and grading to clear water.

	IN	SP	PF	SI	PN
Top FT	2775	50	980	2185	2895
Middle FT	2965	70	1000	2205	2930
Lower FT	3000	-	-	-	3000

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The California Company

Address P. O. Box 155

Vernal, Utah

By F. L. Berry

Title Area Sup't.

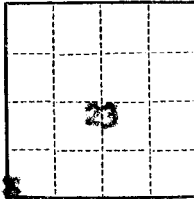
Form 9-331a
(Feb. 1951)

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City

Lease No. 0559

Unit Red Wash



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	<u>Subsequent Report of 127 #7</u>	<u>X</u>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Verona, Utah October 7, 1955

Well No. 11-231 ⁽¹⁵⁰⁾ is located 660 ft. from IN line and 760 ft. from W line of sec. 23

23 N 23 E 7 S 23 W T12N
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Red Wash Utah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5321.2 ft. Gr.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

127 #7 - 2 hr. Haven straddle test of interval 5855 - 5892. Set packers at 5851, 5856 and 5862 using sidewall anchor with tail to 5899. No mud or KC. Valve open 2 hrs., 51 30 min. Pressure 1/2 loss decreasing during test. No gas to surface. Recovered 1325' rise, gassy watery and grading to slightly sandy water.

	14	17	20	21	24
Top FT	2780	50	569	2110	2758
Middle FT	2860	715	527	1940	2670
Lower FT	2900	-	-	-	2900

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The California Company

Address P. O. Box 155

Verona, Utah

By F. L. Berry

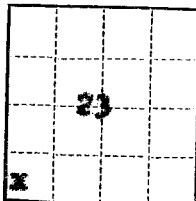
Title Area Sup't

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City

Lease No. 1-0559

Unit Red Wash



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	<u>Subsequent Report of RGS #3</u>	<u>X</u>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Normal, Utah October 10, 1936

Well No. 11-231 (#50) is located 560 ft. from 21N S line and 760 ft. from 31E W line of sec. 23

23 23 7 S 21 N 31 E
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Red Wash Utah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5331.2 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

LOG #8 - 5070 - 5092. 10000 stroke test with 21/2" drill. No 80 or 200. Tool opened with fair blow decreasing during test. No gas to surface. Tool open 1 1/2 hrs., shut in 1/2 hr. Recovered 1330' watercut sand, grading to water.

	12	17	27	31	38
Top BT	2135	76	153	186	2135
Middle BT	2410	245	215	1920	2355
Bottom BT	2500	-	-	-	2500

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

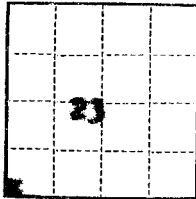
Company The California Company

Address P. O. Box 155

Normal, Utah

By P. L. Perry

Title Area Sup't.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. U-0559
Unit Red Wash

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	<u>Subsequent report of DST #9</u> <input checked="" type="checkbox"/>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. (#50) 21-23A is located 660 ft. from (N) line and 760 ft. from (E) line of sec. 23
23 (1/4 Sec. and Sec. No.) 7 N (Twp.) 23 E (Range) 41 W (Meridian)
Red Wash (Township) Utah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5331.2 ft. or.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

DST #9 - 5040 - 5055. 10000 Straddle test with sidwell anchor. No gas or oil. Tool opened with fair blow decreasing during test. No gas to surface. Tool open 1 1/2 hrs., shut in 1/2 hr. Recovered 1500' gas and water cut sand, grading to water.

	IS	IF	PF	SI	SH
Top BT	2135	85	670	1320	2180
Middle BT	2160	270	670	1795	2140
Bottom PBD	2550	-	-	-	2950

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The California Company

Address P. O. Box 155

Verona, Utah

By F. L. Curry

Title Area Dept.

COMPLETION REPORT - NEW WELL
STANDARD OIL COMPANY OF CALIFORNIA

FIELD: Red Wash

PROPERTY: Section 23

WELL NO: 14-23A (50)

Sec. 23 T. 7 S R. 22 E SL. B. & M.

LOCATION: 660' N & 760' E from SW corner

LAND OFFICE: Salt Lake City
LEASE NO: U-0559

ELEVATION: 5343.20 K.B.

D. F. is 12.20' above ground

DATE: February 28, 1957

By J. T. CROOKER
Manager, Producing Department

DRILLED BY: Kerr McGee Oil Industries

DATE COMMENCED DRILLING: August 17, 1956

DATE COMPLETED DRILLING: November 8, 1956

DATE OF INITIAL PRODUCTION: February 3, 1957

PRODUCTION:	Daily average, 1st <u>30</u> days	Gravity <u>26.0</u> ° API	Pumping <u>X</u>
	Oil <u>135</u> Bbls.	T. P. <u>100</u> PSI	Flowing <u> </u>
	Water <u>8</u> Bbls.	C. P. <u> </u> PSI	Gas Lift <u> </u>
	Gas <u>825</u> Mcf.	Bean <u> </u> /64"	

S U M M A R Y

TOTAL DEPTH: 6245'

PLUGS: 6138'

CASING: Conductor 16" cemented @ 25'
10 3/4", 40.5#, J-55 cemented @ 449'
7", 23#, J-55 and N-80 cemented @ 6229'

G.P.'D. 5600 - 5603'
Perf'd. 6097 - 6112
5744 - 5752
5571 - 5581
5533 - 5538
5444 - 5464

JUNK: Baker retrievable bridge plug, top of stinger 6109.5', top of upper packing element 6111'

LOGS RUN: Schlumberger Electric Logs.
Run 1 6244 - 448'

Schlumberger Microlog
Run 1 4687 - 450'
Run 2 6242 - 4400'

McCullough Gamma Ray
Run 1 6138 - 4900'

MARKERS:
Top Green River: 3010'
H Point: 5028'
K Point: 5687'

WELL NO: 14-23A (50)

PROPERTY: Section 23A

RED WASH FIELD

HISTORY

Subject well 14-23A (5) was completed November 1956, exposing the lower Green River formation thru selected intervals from 5444 to 6112 ft. for an IP of 135/8 B/D and 825 MCF/D gas. Subsequently the oil production declined to 41/0 B/D and gas oil ratio increased to 12,100 cu. ft. per bbl during May 1958. This well has been shut in since May 1958.

It is proposed to re-enter well and exclude gas by sealing perfs 5104-5148 with cement, and return well again to production.

PROGRAM

1. Move in contract well pulling outfit and kill well with salt water.
2. Pull rods.
3. Install BOPE. (NOTE: Keep well full at all times.)
4. Pull tubing. Fill hole after each 20 stands are pulled.
5. Run and set Halliburton cast iron bridge plug on tubing at 5650'.
6. Run McCullough dump bailer and dump 3 sacks cement on bridge plug at 5650'.
7. Re-run tubing and hang at approximately 5550'. Install offset head. Displace salt water with burner fuel.
8. Run rods and place well on production.

WORK DONE

February 14, 1959

R & R Well Service moved in and rigged up.

February 16, 1959

Displaced well fluid with 300 bbl salt water.

Pulled rods and pump.

Pumped 100 bbl salt water down 7" casing with no returns to surface.

February 17, 1959

Tried to establish circulation by pumping down tubing. Tubing pressure increased to 1000 PSI.

Installed BOP.

Ran scraper.

February 18, 1959

Circulated parafin and gas out of hole and hit fill at 6090.

February 19, 1959

Set Howco Bridge plug @ 5650'. Cast iron bridge plug ran on tbg. Dropped seal plug and tested w/600 PSI. Held okay.

McCullough set 3 sx cement on top of bridge. Checked top of bridge at 5648'.

Ran 2 $\frac{1}{2}$ " tubing and landed at 5647' with P.S.N. at 5605'

WELL NO: 14-23A (50)

PROPERTY: Section 23A

RED WASH FIELD

Detail:

KB to Tbg head	12.00	
Top 176 jts	5491.62	2½" EUE 6.5# J-55 tbg.
Next PSN	1.10	
Next 1 - 4' & 1 - 8' Pup	12.00	2½" EUE 6.5# J-55 tbg.
Gas Anchor	30.00	2½" EUE slotted gas anchor
	<u>5546.72</u>	

February 20, 1959

Removed BOP.

Ran rods and pump.

Detail:

1 - 22' x 1½" Pony rod
 2 - 4' x 7/8" Pony rod
 75 - 25 x 7/8" Rods w/huber
 71 - 25 x 3/4" Rods w/huber
 73 - 25 x 3/4" Rods plain.
 R & R Well Service released.

T. R. HULL

WELL NO.: 11-23A (50)

PROPERTY: Section 23A

RED WASH FIELD

Drill Stem Tests:

#1 Howco Straddle Test	2984 - 3032
#2 Howco Straddle Test	5556 - 5580
#3 Howco Straddle Test	5432 - 5467
#4 Johnston	5812 - 5848
#5 Howco Straddle Test	6091 - 6109
#6 Howco Straddle Test	5777 - 5813
#7 Howco Straddle Test	5856 - 5882
#8 Howco Straddle Test	5070 - 5092
#9 Howco Straddle Test	5040 - 5055

WORK DONE

0° - 25°, 16" conductor cemented with 30 sax.

August 17, 1956.

Kerr McGee Oil Industries moved in and rigged up.

Spudded 12:01 a.m., August 17, 1956.

Dug cellar and conductor hole w/dry hole digger.

Drilled 13 3/4" hole, 1/2" F.H. drill pipe, water as drilling fluid.

25° - 455° 430° Drilled.

Casing Detail

All	10 jts.	433.48°	10 3/4", 40.5#, J-55, 8 rd thd. Includes Baker WDW guide shoe & float collar.
Total	10 jts.	or 433.48°	
Landed below K.B.		15.25°	
Cemented @		448.73°	

Stood cemented 21 hours.

Tested master gate w/1400# psi water, tested BOP & all valves to 1400# water pressure.
Held o.k.

August 18, - August 29, 1956.

Drilled 9" hole, 1/2" drill pipe. Drilled with water to 3000°, 9.0 - 9.6#/gal mud below 3000°
455° - 4990° 4535° Drilled.

August 21, 1956.

Lost returns @ 3146°. Lost approximately 100 bbls. mud. Drilled 1/4 hr without returns.
Pulled out and ran sack plug. Regained circulation.

WELL NO.: 14-23A (50)

PROPERTY: Section 23A

RED WASH FIELD

WORK DONE

August 23, 1956.

DST #1 - Howco Straddle test of interval 2484 - 3032' w/packers @ 2979, 2984 & 3032.

Side wall anchor in 9" hole. No WC or BHC. (Set tool first to straddle 2964 to 3012 - no seat. Set to straddle 2974 to 3022 - no seat.) Tool opened 1½ hrs. SI ½ hr.

Tool opened w/weak blow - increased to fair in 1 min and remained steady to end of test. Recovered 180' gas cut drilling mud^{651'} water and gas cut drilling mud, 1020' gas cut water.

Charts:	IH	IF	FF	SI	FH
Top BT	1500	490	710	1135	1500
Middle BT	1585	590	670	1045	1585
Bottom PRD	1050			850	

August 29, 1956.

Ran Schlumberger Microlog. Recorded 4687 - 450'.

September 4, 1956.

Core #1 - 4990 - 5080' - Recovered 90'

- 4990 - 4998 - Sh, dk br/blk, s-wxy, mod hd, sl "poker chip", sl dolie wi irr incl & lam dol, gr-brn, shy; dull yel min flsnce.
- 4998 - 5000 - Sh, blk, ^{ch}erty, carb, sl slty, "poker chip", mod hd, no flsnce, irr ptg, dolie sh, rd-blk
- 5000 - 5004½ - Sh, dk gr/blk, s wxy, sl dolie, slty, tends to sl "poker chip", irr incl, ptg & lam dolie sh, dull min flsnce
- 5004½ - 5005½ - 12" Sh, dk gr/blk, erty, dolie, carb incl, mod hd, ptg & lam, brn ost dol
- 5006½ - 5011½ - Sh, dk olive-gr/blk, dolie wi non-dolie stks, slty, mod hd, dull yel min flsnce, lam & irr incl es, qtz, lt gr, f g, sr, pt slty, fair/gd sort, well cem wi calc mat, hd, ti, NSOF
- 5011½ - 5012½ - 12" Sh, blk, erty, carb, poker chip, mod hd
- 5013 - 5016½ - Sh, med/dk gr, sl calc, slty, mod hd; stks, ptg & lam sltst, med gr calc, hd; dull yel-brn/yel min flsnce
- 5016½ - 5017½ - 12" Sh, dk grn-blk/blk, sl dolie, mod hd, "poker chip",
- 5018 - 5024 - Sltst, med gr, dolie, hd, wi fw lam & ptg med/ik gr sh, dull yel min flsnce. (Frac, mud stn, NSOF)
- 5024 - 5029 - Sh, dk gr/blk, sl dolie, mod hd, "poker chip", w ptg med gr sltst
- 5029 - 5030 - bcm incr slty (Frac, closed, NSOF)
- 5030 - 5039 - Sh & Sltst in lam; Sh, dk grn-gr, s-wxy, mod hd, med br yel flsnce, no cut. Sltst, gr-brn, dolie, hd, scat abd sd g
- 5039 - 5041 - Sltst, med grn-gr wi brn stks & incl, sl dolie, hd, mod br yel min flsnce, NS
- 5041 - 5043 - Ss, lt/med gr, vf/f wi scat crs g, sa/sr, com blk minç, fair sort, por 12-15, gd perm, fw scat spots canary yel flsnce, rapid cut lt bl-yel, no pet odor
- 5043 - 5044½ - 18" Ss, ab, even dk brn stn, br canary yel flsnce, cut rapid lt bl-yel, burnt odor. (Frac, closed, even dk brn stn, br canary yel flsnce, cut rapid lt bl-yel)
- bcm pred med g, slty, p sort

WELL NO.: 14-23A (50)

PROPERTY: Section 23A

RED WASH FIELD

- 5045 $\frac{1}{2}$ - 5050 - Sh, med/dk grn, slty, calc, fw scat incl lt brn dol
 5050 - 5057 $\frac{1}{2}$ - Sh, med grn/dk olive, slty, dolie wi many lam & irr incl sltst
 (Frac, open, mud stn, NSOF)
 5057 $\frac{1}{2}$ - 5064 - Sltst, lt/med grn, dolie, hd wi stks ost dol & dk grn, slty sh,
 com pyr, scat sd g.
 bcm incry shy
 5064 - 5071 $\frac{1}{2}$ - Sh, dk grn/blk-grn, v slty, pyr, dolie, mod hd, com ptg sltst,
 tend to poker chip
 5071 $\frac{1}{2}$ - 5075 $\frac{1}{2}$ - Ss, med gr, vf/f wi scat med g, v slty, p sort, v well cem,
 clac cem, fw grn sh lam, hd, por 5-10, ti, spot br yel
 flsnce, rapid cut lt bl-yel, no odor. (Frac, part
 open, NSOF)
 bcm incr slty
 5075 $\frac{1}{2}$ - 5077 - Sh, v dk grn, slty, mod hd
 5077 - 5080 - Ss, med gr, f g, sr/sa, slty, fair sort, mod hd, calc cem, fw sh
 ptg, por 12-15, low/fair perm, sl bleed oil, spot dk
 brn stn, spot br yel flsnce, rapid cut lt bl-yel, fnt
 pet odor, sl musty
 bcm even dk brn stn, spot br yel flsnce & yel-brn
 flsnce, rapid cut br bl-yel, burnt odor

- Core #2 - 5080 - 5170 - Recovered 90'
 5080 - 5095 - Ss, gr, patchy (25%) stn dk brn/dk gr, f/m, sa/sr, hd, fair sort,
 cln wi abd f/m gr/blk sphs, 15% por, fair/gd perm, ltl
 red-brn oil, patchy erty yel flsn, inst silvery-gr cut.
 Odor burnt/musty, petrif in part, looks wet
 aa, wi scat chky tn dol lumps & scat th Sh inlams
 bcm vy f/f, perm, lam, low/ti, NSOF
 5085 - 5089 - Sltst, gr, v hd, dns, sl marbled wi sl arg, dk^{er} gr swirls
Sltst, aa, v hd, bcm incr^{ly} & thinly inlam'd wi Sh, dk grn-gr,
 mod hd, slty in part
 (core badly vroken)
 5089 - 5091 - Spherulite, dk gr, aggregate of f bl-blk r, ev-sort "shot", scat
 f, a qtz sd, calc cem, hd, well-ind, ti/tr perm, 12-15%
 por, v fnt dk min flsn, NS
 5091 - 5097 - aa, incr^{ly} sdy to 60% f, a/sa, ev-sort qtz sd, scat tn chky dol
 lumps to $\frac{1}{2}$ "¹, low/good perm, 15% por, looks wet, sl musty
 to burnt odor, NS
 (Frac, clean)
 (Frac, cln, wet)
 grading to
 5097 - 5100 - Ss, gr/dk gr, vf/f, sa, well-sort, mod hd, mainly cln wi com
 f/m blk sphs aa, 15-17% por, fair/good perm, looks wet,
 sl musty to burnt odor, NSOF
 5100 - 5105 - Ss, aa, slty, closely reworked in swirls wi dk olive-brn, slty
 Sh, rare th lams, tr/low perm, rare strs yel flsn, slow
 cut where sh assoc w/ss-sltst, no odor
 (Frac, mud stn^d)
 5105 - 5110 $\frac{1}{2}$ - Sltst, gr, hd, swirled & complexly reworked wi Sh aa, rare str yel
 flsn aa, no odor
 bcm dom Sh; dk grn-blk, ltl dk olive-brn, sft, fw th
 lams Sltst, gr, hd, arg

WELL NO.: 14-23A (50)

PROPERTY: Section 23A

RED WASH FIELD

- 5110 $\frac{1}{2}$ - 5111 - 6" Sltst, dk gr, v hd, cln
 5113 - 5117 - Sltst, gr, hd, closely inflam'd & sl reworked wi Sh, dk grn-gr/dk
 brn-blk, sft, rarely slty
- 5117 - 5118 - Sh, m grn/olive brn, dns, hd, dolie in part, slty in scat patches
 5118 - 5121 - Ss, lt gr wi 80% patchy lt brn stn, vf/sltst, sa, ev-sort, hd, cln,
 wi scat patches chky buff dol, 12% por, ti, patchy erty
 yel flsn, fnt cut, fnt petrif odor, sl gassy
 (3" Sltst & slty Sh, gr & grn-gr, hd)
 (Frac, cln, sl lt brn oil stn'd)
- 5121 - 5122 - Sltst, gr/lt gr, hd, sdy, sl arg, dns, NSOF
 5122 - 5125 - Sh, dk grn-gr, hd, dns, v finely slty, tr diss pyr
 bcm olive-grn, hd, sl dolie
- 5125 - 5131 - Sltst, gr, hd, sdy, rare th strrs gr vf ss wi patchy lt brn stn &
 fnt pet odor, intimately & irreg^{ly} inflam'd & sl re-
 worked wi th dk olive-brn slty sh. Sltst dominant
 (Frac, opn, mud-stn'd)
- 5131 - 5135 - Sh, dk grn-blk, sft, dns, sl poker-chip
 5135 - 5138 - (14" Dol, tn/lt brn, amorph, dns, complexly swirled & reworked wi
 olive-tn sh to pseudo-algal appearance, 5% por, ti,
 ltl pin-pts brn free oil on internal fracs, dull erty
 yel flsn, fair str cut, good pet odor)
- 5138 - 5144 - Sltst, gr/dk gr, hd, arg, th^{ly} inflam'd wi dk grn-blk sh, sl slty,
Ss, dk gr, vf/slt, sa, good sort, hd, well ind, abd bcm com f blk
 sphs, ltl calc cem, 12% por, ti wi scat 1-2" lam, low
 perm, patchy (20%) dk stn wi dull gr-tn flsn, fair dull
 gr cut, fnt petrif odor
 aa, bcm inflam'd wi scat pap-th dk brn micac sh ptgs
- 5144 - 5147 - Sltst, lt gr, hd, sdy, threaded & closely reworked wi olive-brn Sh,
 slty, finely micac. (90% Sltst.)
 bcm dom dk olive-brn sh, slty, mod hd wi finely reworked
 sltst, aa.
- 5147 - 5151 - Sh, dk olive-gr, mod hd, sl slty, few scat pap-th inlams gr Sltst
 5151 - 5154 - Ss, lt gr-wh, vf/sltst, a/sa, ev-sort, hd, well ind, cln wi scat
 f/vf blk gs & sphs, com pap-th, sl reworked inlams dk
 olive-gr slty sh, 10% por, ti, NSOF
 bcm f/vf, com arg cem, ti, NSOF
 (Frac, mud stn'd)
- 5154 - 5156 - Sh, m grn-gr/gr, sft, dns, rare v th inlams sltst
 5156 - 5158 - Sltst, lt gr-gr, sdy wi scat 1-2" zones vf ss, tr perm; scat 2-4"
 zones arg, few pap th dk gr sh ptgs
 (Frac, sl mud stn'd)
- 5158 - 5160 - Ss, lt gr, vf/f, a/sa, fair sort, hd, cln wi scat f blk gs, 15% por,
 ti/tr perm, NSOF
- 5160 - 5160 $\frac{1}{2}$ - Sh, dk gr, sft, btl & Sltst, gr, hd, irreg inflam'd & sl reworked
 5160 $\frac{1}{2}$ - 5163 - Ss, lt gr, vf/f, a/sa, good sort, hd, cln wi scat f blk gs, few pap
 th inlams dk gr-brn slty, micac sh, sl reworked, 15% por,
 ti/tr perm, NSOF
- grading to
- 5163 - 5166 - Sltst, lt gr, hd, v finely sd, cln, irreg^{ly} "varved" wi sl reworked
 pap-th dk brn/olive brn slty sh
- 5166 - 5169 $\frac{1}{2}$ - Ss, lt gr wi scat patchy m brn stn, vf/f, sa/sr, fair-sort, hd, well
 ind, com f/m gr/blk sphs, tn/brn sphs, scat th brn arg
 incls & inlams, 12% por, ti/tr perm, ltl dull yel-wh
 patchy flsn, tr cut, fair pet odor in part
 bcm dns, dolie cem, no sh inlams or incls
- 5169 $\frac{1}{2}$ - 5170 - Sltst, lt gr/gr, hd, arg, sdy

WELL NO.: 14-23A

PROPERTY: Section 23A

RED WASH FIELD

Core #3 - 5170 - 5251 - Recovered 80.5'

- 5170 - 5172 $\frac{1}{2}$ - Ss, lt gr, v/vfg, sa/sr, well sort, well cem, hd, calc cem, th dk br sh ptgs, com carb frg, 12-13% por, tr/low perm, NSOF
- 5172 $\frac{1}{2}$ - 5174 $\frac{1}{2}$ - 6" Ss as in top of core
Sh & Ss, Sh, dk br-blk, m hd, com carb frgs, ss aa, vfg, bcm prd ss
 3" str Ss aa
- 5174 $\frac{1}{2}$ - 5175 $\frac{1}{2}$ - Ss, lt gr, vfg, r/sr, well sort, well cem, hd, calc cem, th dk br sh ptgs, 14% por, low perm, app wet, tn min flsn, NS
- 5175 $\frac{1}{2}$ - 5177 - Sltst & Sh, Sltst, lt gr, hd, aa, grdg in 9" to Sh, dk brn-blk, hd, carb
- 5177 - 5178 $\frac{1}{2}$ - Ss, lt gr, vf/m, scat crs g, p sort, a/sa, well cem, hd, calc cem, dol ools, sphs, com osts, 10% por, low perm, NSOF
 grades to Sltst & Sh, aa, slt closely reworked
- 5178 $\frac{1}{2}$ - 5180 - Ss, lt gr, f g, sa/sr, well sort, well cem, hd, abd sphs, sugary appearance, 15% por, good/excel perm, musty odor, NS
- 5180 - 5181 - Ss, aa, wi partial stn, spot yel flsn, bcm f/mg, f/p sort, Inbd Sltst & Sh aa
- 5181 - 5182 - Ss, lt gr, f/m gr, sa, fair sort, well cem, hd, m fri, comf sphs, partially stn'd, 18% por, gd perm, app wet, musty odor, gold flsn, inst silvery bl cut
- 5182 - 5192 - Ss aa, except NSOF & bcm fg, and tighter
 (5" aa, except vf cln, 12% por, tr perm)
 (6" aa, except vf, cln, 12% por, tr perm, NS)
- 5192 - 5194 - Ss, aa wi str to $\frac{1}{4}$ " dk br sh
- 5194 - 5199 $\frac{1}{2}$ - Ss, lt gr, f/mg, sa, p sort, well cem, hd, abd fine buff dol ools, patchy clay cem, 85% stn, fair odor, 12-15% por, fair/low perm, patchy yel flsn, inst silvery-bl cut
 aa except bcm vfg wi increased amts of intl mat, NSOF
 aa wi com stk (k br sh
- 5199 $\frac{1}{2}$ - 5205 - Ss, dk gr, vfg, well sort, well cem, hd, dns, calc cem, abd vf sphs, low por & perm, NSOF
 aa except strk app, more perm, wi dk br stn, gold flsn & inst silvery bl cut, musty odor
 aa becm tighter wi NSOF
- 5205 - 5211 - Ss, aa, vf, com arg stkr to v th sh lams, 12-15%, ti to tr perm, NS
- 5211 - 5224 - Sh & Sltst, Sltst gr, hd, sh dk gr-blk, slt in part, irreg v th inlam
 bcm pred Sh, aa
 (1" Sltst aa,)
- 5224 - 5229 - Sh, dk gr-blk, mod sft, irreg frac
- 5229 - 5230 - Spherulite, dk bl-gr, aggregate, dk gr/blk, f, sr/r, "ools" wi 20% vf/f a qtz, hd, well ind, v dull, br min flsn, 12-15% por, ti/tr perm, NS
- 5230 - 5237 - Ss, lt gr, vfg, sa, well sort, well cem, hd, abd sphs, rare dk pap th sh inlams, 14% por, low perm, NSOF
 aa grdg to Sltst, vf sdy, lt gr, hd, calc wi com pap th inlams slt sh
- 5237 - 5238 - Spherulite, dk bl-gr, agg, f/mg, dk gr-blk sphs, scat f/a qtz a, hd, com dol cem, scat ost, bone frg, tr cht, scat crs, ang g, NS
- 5239 $\frac{1}{2}$ - 5245 - Ss, gr-tn, vf/f, a/sa, gd sort, hd, v dolie, com vf/m tn dol ools, scat dk gr g to 5mm, 12% por
- 5245 - 5247 - Ss aa, bcm m gr, vf/m, p sort, less dol, (com ools, sphs) than above
- 5247 - 5250 - grading to spherulite as 5137' above,
- 5250 - 5250 $\frac{1}{2}$ - bcm Ss, gr wi fnt ev brn stn, f/m, a/sa, ev sort, m sft, fria, abd vf sphs, 17% por, fair perm, flk rd-brn integr oil, 90% lam yel flsn, inst silvery cut, musty odor, app wet
 $\frac{1}{2}$ ' No rec.

WELL NO.: 14-23A (50)

PROPERTY: Section 23A

RED WASH FIELD

Core #4 - 5251 - 5315 - Recovered 64'

- 5251 - 5253 - Ss, gr vf/mg, a/sa, p sort, m sft, fria, com sphs, th sh ptgs, 13-16% por, gd perm, musty odor, looks wet, NSOF
- 5253 - 5254 - Ss, aa, alternating in str to 1½" wi vfg ss, gr, well sort, hd, dol, com sphs, dk sh inlams, 10% por, low perm
- 5254 - 5263 - Ss, as in top of core except m/crs g, wi dol lumps & ools, ost & carb frgs, 14-15% por, excel perm, com th str to 1" vfg ss aa wi sh inlams
- 5263 - 5266 - Ss, lt gr, v/vf, a/sa, well sort, dol cem, reworked dk sh inlams, abd vf sphs, com ost, 12% por, low lam perm, th strks stn'd aa
Grades to Ss, aa, except f/g, sug tex, has fewer sh inlams, 12% por, fair perm
- 5266 - 5266½ - Bcm Ss, aa, except f/m g, wi ltl intl mat, com sphs, rare osts, 16% por, fair perm, looks wet, NSOF
- 5266½ - 5272 - Ss, aa, except vf/fg, dol cem, 10-12% por, v low/tr perm, dk sh inlams reworked
rare stn in th sh lams having brn flsn, pale yel cut
- 5272 - 5274 - Ss, aa, except bcm incr fg wi more frequent & thicker sh inlams, rare stn, str, aa
- 5274 - 5275 - 1" zone, v dol, fnt pet odor, yel flsn, silver cut
Sh, dk br-blk, mod sft wi th str gr ss, aa
- 5275 - 5277 - Sh & Ss, Sh aa; Ss, dk gr, vf/f g, a/sa, p sort, hd, v dol, abd osts & ools, abd blk vf sphs, 10% por, v low perm, NSOF
Sh & Ss in th str closely reworked
- 5277 - 5279 - Ss, lt gr, f/vf, sa, fair sort, hd, dol cem, abd blk v f sphs, 10% por, tr perm, NSOF
- 5279 - 5282 - Ss aa, except vfg wi abd intl dol, incr Sh, dk inlams to ¼"
- 5282 - 5290 - Reworked Ss & Sh, Ss lt gr, vf/f, a/sa, gd sort, abd v/f blk sphs, dol, 10% por, ti/low perm, NSOF. Sh gr-br, mod sft, irreg frac
grdg to entirely Sh aa, mod hd, btl, poker chip
- 5290 - 5291 - Ss, aa
- 5291 - 5292 - Ss & Sh, aa, broad to finely inlam'd
3" Spherulite, dk bl gr, calc cem, rarely sdy, abd osts
- 5292 - 5297 - 1½" Ost, sub coq, calc cem, scat dol sh str, ti,
Sh & Sltst, Sh aa, Sltst, gr, hd
bcm sh aa
- 5297 - 5299 - Ost Coq, lt gr-buff, abd arg dol cem, scat v/f sand, 5% por, ti
1" stk Sh, (some stn, fnt pet odor, lt yel flsn, bl cut in coq, near sh contact)
- 5299 - 5301 - Ss, f/vf, a/sa, fair sort, hd, v dol, abd f blk scat f/vf sphs, abd osts, 10% por, ti, NSOF Except th str lt br stn
- 5301 - 5303 - Sltst & Sh; Sltst dk gr, hd, dol; Sh, dk brn blk alternating in th str
- 5303 - 5307 - 4" Sh, aa
Ss, gr, vf/f, sa, f sort, hd, abd tn osts, concentrated to ost coq on th lams. Abd v/f sphs, 10% por, ti/tr perm
- 5307 - 5309 - Ss, lt gr, f/vf, sa/gr, fair sort, hd, sl dol, abd blk vf sphs, com osts,
Sh, lams, reworked, 12% por, low/tr perm,
(Frac, cln, sl stn re-br oil, NS/70% lam stn wi yel flsn, silvery bl cut, gd pet odor where stn)
- 5309 - 5312 - Ss, lt gr, vf/sltst, well sort, hd, abd peppered vf blk g, com finely reworked wi dk gr silty sh, 8-11% por

WELL NO.: 14-23A (50)

PROPERTY: Section 23A

RED WASH FIELD

5312 - 5315 - Reworked Sh & Sltst, Sh br-blk, m hd, irreg frac intimately and closely reworked

Core #5 - 5315 - 5405 - Recovered 90'

- 5315 - 5316 - Sh, dk grn-blk, slty, hd, closely & v finely reworked wi Sltst, gr, hd
- 5316 - 5330 $\frac{1}{2}$ - Ss, lt gr, f/m, sa/sr, good sort, ltl calc cem, com f blk sphs, hd, 12% por, tr/low perm, NSOF
aa, good perm, patchy dk brn stn (50%) dull yel flsn, inst gr cut, musty odor
aa, 15% por, good/excel perm, strong musty/burnt odor, wet, NSOF
(Frac, sl mud-stn'd, ltl LCM)
- 5330 $\frac{1}{2}$ - 5334 - Ss, gr, vf/sltst, sa, well sort, cln, hd, scat pap-th inlams dk gr slty sh, 12% por, low/fair perm, damp, NSOF
- 5334 - 5338 - 12" Ss, gr wi patchy (30%) brn stn, vf/f, well-sort, cln, 15% por, good perm, patchy yel-brn flsn, fast cut, burned/musty odor, wet
(Frac, mud-flecked)
- grading to
- 5338 - 5340 - Sltst, gr, hd, v finely sdy, cln, abd'ly threaded wi sl reworked pap-th inlams dk olive brn sh
- 5340 - 5342 - Sltst, gr, hd, v finely sdy, cln, mainly massive wi scat irreg strs sl darker & sl arg sltst
- 5342 - 5343 - Sh, dk brn-blk, hd, slty, closely & finely inlam'd wi Sltst, dk gr, hd
- 5343 - 5344 - Sltst, gr, hd, v finely & closely inlam'd wi pap-th sh aa
- 5344 - 5346 - Sh, dk brn-blk, mod hd, btl, scat th lams oil-sh, rare thin inlams gr sltst, poker-chip tendency
- 5346 - 5347 $\frac{1}{2}$ - Sh, dk grn, mod hd, dns, irreg frac
- 5347 $\frac{1}{2}$ - 5349 $\frac{1}{2}$ - Sltst, gr, v hd, dolie, abd th inlams olive brn, slty sh
- 5349 $\frac{1}{2}$ - 5350 - Sh, gr-tn, hd, v dolie, irreg frac, scat inclt tn "algal" dol to 1"
- 5350 - 5351 - Sh, m grn, mod hd, scat f/vf sd, irreg frac
- 5351 - 5356 - Coq-Ost, gr-tn, crm osts in arg-dol mtx, scat f/vf qtz sd, hd, com f/m vug-por, ti, min flsn, NS
aa, bcm ev lt-brn stn'd, ev briet yel-wh flsn, inst bl-wh cut, good pet odor, ti, sl more vug-por
- 5356 - 5358 - Sh, alternating 1-3" dk gr-blk, sl slty, fiss, sft & gr-tn, v dolie wi abd dk gr-bl osts, slty, hd, dns
- 5358 - 5361 - Sh, dk bl-blk, hd, v finely slty, poker-chip tendency
- 5361 - 5363 - 6" Sh, dk brn, velvety, mod hd, sub oil-sh
Core ring-tailed to sl washed
- 5363 - 5370 - Ss, gr, vf/f wi scat lenses to 1" lams f/m, sa/sr, fair sort, ltl calc cem, com f/m blk sphs, irreg pap th inlams dk gr slty sh, 10-12% por, scat lam low perm wi ltl lam m brn stn, lam dull yel-wh flsn, fnt pet odor
1" Sltst, gr, hd, sdy & Sh, dk grn-blk, slty, intimately "varved"
aa, bcm vf/sltst, incr pap-th & sl reworked inlams dk gr-blk, slty sh, ltl lam stn & flsn aa
- grading to
- 5373 - 5377 - Sltst, gr, hd, v finely sdy wi scat 1" ptgs ss aa, ltl scat lam stn & flsn aa, abd & close-spaced inlams Sh, dk gr-blk, slty, sl reworked

WELL NO.: 14-23A (50)

PROPERTY: Section 23

RED WASH FIELD

Core #5 (cont'd)

- 5377 - 5380 - Sltst & Sh; closely inlam'd & sl reworked 50-50 Sltst, gr, hd, sl arg & Sh, dk gr-blk, sl slty, scat spotty yel flsn, tr cut where Sh & Sltst adjoin, no apprec odor
- 5380 - 5384 - Sh, dk olive-blk, mod hd, sl slty, closely reworked & inlam'd wi Sltst, gr, hd, sl arg
- 5384 - 5389 - Sh aa wi ltl Sltst aa, reworked as small curls, twisted inclc Sltst, gr-brn, v hd, v dolc, com f/vf sd, scat lt grn sh inclc Sh, grn/olive grn, hd, btl, sl/v dolc, irreg ptgs slty
- 5389 - 5394 - Sltst, gr-tn, hd, dolc, ltl closely inlam'd Sh, dk olive grn, sl slty, v finely micac
- 5394 - 5400 - Sltst, lt gr, v hd, massive
- 5394 - 5400 - Sh, dk grn-blk, mod hd, scat v thin lenses & inlams Sltst, gr, hd, rarely arg
- 18" complexly reworked Sltst, gr, hd, sl arg & Sh, dk olive brn, sl slty, finely micac
- 5403 - 5404 - Core broken
- 5404 - 5405 - Sltst, m gr-bl, hd, sdy, com f/vf blk sphs, complexly reworked wi olive-brn sh

Core #6 - 5405 - 5495 - Recovered 90'

- 5405 - 5408 - Spherulite, dk bl-gr, aggregate of f dk gr/blk sphs, dns'ly packed wi ltl dol-calc cem, scat vf/f a qtz gs, irreg'ly inlam'd wi pap-th/4" dk grn-blk slty sh, ti, 5-10% por, fnt dull brn min flsn, NS
- 10" Sh, blk, sft, sl slty, irreg'ly inlam'd wi Sltst, gr, hd
- 5408 - 5409 - Sph aa, bcm incr'ly sdy, scat osts, NS
- 4" Sh, dk gr-blk, sl slty, thinly inlam'd wi Sltst, gr, hd
- 5409 - 5411 - Sltst, gr, hd, v calc, abd sphs/ools, vf & osts, sm lenses vf qtz sd, irreg pap-th inlams sl slty blk sh, com fish scales, scat lam dull stn on cored surf only
- 5411 - 5413 - Sltst, gr, hd, scat pap-th buff inlams cont abd osts, sdy, finely inlam'd/varved wi olive-grn-grn arg sltst/slty sh, vy calc grdg in part to slty gr ls, scat fish scales
- 5413 - 5414 - Sh, dk grn-blk, soft, closely & finely inlam'd wi Sltst aa
- 5415 - 5416 - Spherulite, dk bl-gr wi lam blk stn, aggregate of f r blk sphs, scat f qtz sd, hd, closely inlam'd & reworked wi dk grn-blk slty sh, ti, 10% por, lam dull tn flsn, inst dull yel cut, no apprec odor
- 5416 - 5419 - Sltst, lt gr, hd, v finely sdy, sl dolc, closely inlam'd & complexly reworked wi Sh, dk olive-grn, mod hd, sl slty, dolc, diss mica
- aa, sh bcm dominant over v finely & closely reworked sltst aa
- 5419 - 5422 - Sltst, lt gr, hd, scat sm lenses/th lams vf sd wi patchy m brn stn, brite yel flsn, inst cut, fair pet odor, Sltst & sd closely reworked wi dk gr-grn, slty, micac sh
- 5422 - 5425 - Sh, m gr-grn, hd, v slty, blk org frgs abd on lams
- aa, bcm dk grn, mod sft, sl slty wi com pap-th inlams gr Sltst, sl poker-chip'd
- 5425 - 5428 - 8" Sltst, gr/gr-grn, hd, arg, dolc
- Sh, dk grn-blk, sft, poker-chip'd
- 5428 - 5431 - Ss, m gr-bl, vf, v abd gr/blk vf/f sphs/ools, abd tn dol osts, hd, ti, 8-10% por, scat lam lt brn stn, dull yel flsn, inst yel cut, fnt petrif odor
- aa, vf/sltst, good sort scat vf blk sphs, rare tn osts, bcm closely & complexly reworked wi dk gr-grn sh, ti, 7-8% por

WELL NO.: 14-23A (50)

PROPERTY: Section 23

RED WASH FIELD

Core #6 (cont'd)

- 5431 - 5438 - Sh, dk grn-gr, mod hd, sl slty, sl poker-chip'd
bcm dk grn-blk/dk brn blk, sft, sub oil sh closely
poker-chip'd
- 5438 - 5441 - Dol, tn, 95% lt brn stn, amorph, chky, mod sft, v arg, scat
lenses vf arg-dolic sd, tr/low perm, 15% por, 95% dull
yel-wh flsn, inst gr-wh cut, fair pet odor
- 5441 - 5453 - Dol, gr-tn, 95% lt brn stn, aggregate crm-wh & lt gr dol ools,
r, f/3mm, abd chky tn dol cem, scat qtz ga f/m, low/good
perm, 15-20% por, 95% fair br yel-wh flsn, inst silver-
gr cut, fair petrif odor, sl gassy
3rd tite, ltl lam stn, flsn aa
(Frac, sl mud-stn'd, flaky to speckled dk brn oil)
- 5453 - 5456 - Dol, aa, bcm inlam'd wi $\frac{1}{4}$ -2" ptgs Sltst, gr, hd, dolic, sdy, v
finely threaded wi pap-th dk gr-grn slty arg str. Stn,
flsn decr to lam (10%), perm lam tr/ti, 10-15% por
- 5456 - 5464 - Sltst, gr, sl crm, v hd, v finely sdy, mod dolic, irreg^{ly} inlam'd
wi dk brn v arg sltst/slty sh, NS
- 5464 - 5469 - Sh, dk olive-brn, hd, v dolic, finely inlam'd & strk'd wi th gr
Sltst, aa
- 5469 - 5473 - Sh, dk grn-blk/dk brn-blk, mod/v dolic inlams, comppap-th lams & th
lenses sltst, aa. Tendency to poker-chip
- 5473 - 5476 - Sh, bcm sft, poker-chip'd
Sh, dk bl-blk, hd, v slty, v dolic, abd sm osts
- 5476 - 5483 - Sh, aa, bcm inlam'd wi $\frac{1}{4}$ -1" ptgs bl-blk slty spherulite, hd, ti, NS
Sh, dk gr-blk, sft, dns, rarely slty, rare sltst inlams, ring-
tailed & poker-chip'd
Sh aa, closely reworked wi Sltst, gr, hd
- 5483 - 5485 - Sltst & Sh, gr, hd, v finely sdy Sltst, closely "varved" wi Sh,
dk grn-blk, slty, mod hd
- 5485 - 5486 - Sh, aa wi monor v th inlams Sltst, aa
- 5486 - 5487 $\frac{1}{2}$ - Coq-Ost, dk bl-blk, aggregate of dk gr/blk & brn osts in dns calc
dk gr Sh mtx, dolic, hd, ti, 5% por, NS
- 5487 $\frac{1}{2}$ - 5489 - Ss, gr, vf/sltst, sa, well sort, com arg-dol cem, abd f blk sphs in
v th inlams, hd, ti, 10% por, NS
- 5489 - 5490 $\frac{1}{2}$ - Ss aa, bcm inlam'd wi v th $\frac{1}{2}$ " Sh, bluish-blk, sft, velvety, bituminous
- 5490 $\frac{1}{2}$ - 5492 - Sltst, m bl-gr, hd, v finely sdy, arg, ltl diss f mica, swirled
wi dker arg str
- 5492 - 5495 - Sh, dk bl-blk, mod hd, btl, dns, velvety, scat th inlams Sltst, aa;
poker-chip'd
bcm sft, poker-chip'd & sl ring-tailed

Core #7 - 5495 - 5585 - Recovered 90'

- 5495 - 5500 - Ss, gr, vf/sltst, sa, well-sort, abd vf blk r sphs, well-ind, hd,
closely & intimately inlam'd wi Sh, dk gr-blk, sft, carb,
sl slty, & Sltst; gr, hd, finely sdy, abd vf sphs; ti,
7-10% por, NSOF
- 5500 - 5503 - Ss, gr, f/m, sa/sr, fair sort, abd f/m r blk sphs, well-ind, hd,
tite, 12% por, dull pin-pt min flsn, Ns
bcm irreg^{ly} inlam'd & sl reworked wi pap-th olive-grn sh ptgs
- 5503 - 5508 - Sltst, gr, hd, peppered wi vf/f blk sphs, closely inlam'd & sl
reworked wi Sh, dk olive-brn & dk bl-gr, sft, sl slty,
pap-th
bcm incr shaly wi sh inlams to 1"

WELL NO.: 14-23A (50)

PROPERTY: Section 23

RED WASH FIELD

Core #7 (cont'd)

- 5508 - 5511 - Ss, gr=tn, f/m, sr/r, well-sort, com dol cem, arg, scat dk brn woody frgs, fish scales, ti, 10-12% por, v dull dk brn min flsn, NS
bcm irreg^{ly} inlam^d & ltl reworked wi Sh, dk gr=tn, hd, v sl
- 5511 - 5515 - Sh, dk brn=blk, mod hd, slty, dns, closely reworked wi Sltst, gr, hd; arg
- 5515 - 5523 - Sh, dk grn=blk, mod sft, sl slty, rare sltst inlams, poker=chip^d
- 5523 - 5525 - Ss, dk gr=blk, m/crs, r, well sort, qtz gs coated wi th blk mat^l, smooth/velvety luster, calc mtx, fria, mod hd, ti, 5% por v fnt dk brn min flsn, rare patchy dull yel flsn, fnt cut
- 5525 - 5526 - Sltst, lt bl=gr, mod hd, sl arg, com f diss biotite, massive
- 5526 - 5527 - Sh, dk bl=grn, sft, velvety, dns, ring-tailed & poker=chip^d
- 5527 - 5531 - Ss, ev dk gr=brn stn, f/vf, a/sa, well sort, cln wi scat dk gr sphs, low perm, 12-15% por, ev brite chalky yel=wh flsn, inst yel=gr cut, good pet odor
bcm sl inlam^d wi th, ti strs ss aa, lam show aa
- 5531 - 5533 - Ss, gr, vf, sa, well-sort, sl arg, v finely peppered wi vf blk gs, commonly inlam^d & sl reworked wi dk bl=gr Sh, slty; mod he, ti, 10-12% por, rare spotty/lam stn, flsn, cut aa
- 5533 - 5534 - Sltst, gr, hd, sdy, com pepper of slt-size blk gs, reworked & inlam^d wi Sh, dk olive=grn, slty, sft,
- 5534 - 5539 - Sh, dk grn=blk, hd, v slty, scat th lenses/lams Sltst aa
Sltst, gr, hd, v f^{ly} sdy, scat sm incls or=brn cly, com inlams & lenses dk gr=grn slty sh
Sh aa, bcm dk olive=brn, abd sm lenses m gr=bl Sltst
- 5539 - 5541 - Sltst, dk bl=gr, v hd, v f^{ly} sdy, sub=qtz^{ic}, rare arg patches
Sltst, gr/bl=gr, v hd, abd^{ly} reworked & inlam^d wi dk olive grn Sh slty, pap=th "varves"
- 5541 - 5543 - Sh, dk gr=grn, v slty inlams, mod hd, sl fiss, irreg frac
(Fracs, sl mud stn^d)
- 5543 - 5545 - Ss, m gr=tn, f/m, sa/r, p-sort, com tn dol cem, well-ind, hd, abd f/m blk gs, chky crm dol incls to lmm, scat fish scales, ti, 10% por, fnt dk brn min flsn, NS
aa, bcm intimately inlam^d & sl reworked wi Sh, dk brn=gr, v slty, mod hd, low perm, NS
- 5545 - 5556¹/₂ - Ss, lt gr=grn, vf, sa, ev-sort, arg wi com patches dk grn sdy sh, ti, 8-10% por, NSOF
bcm cleaner, ti, 10-12% por, NSOF
aa, wi ireg scat lams 1/8 - 1" Ss, ev-lt brn stn, cln, low lam perm, 15% por, brite yel=wh flsn, inst gr cut, fnt pet od com^{ly} v th^{ly} inlam^d wi dk brn sh, sft
Ss aa, com v th lams lt/m brn stn, low perm, flsn, cut aa, fair pet odor
- 5556¹/₂ - 5558 - Ss aa, intimate pap=th sh inlams, rare th lam perm & stn
Sltst, lt gr/dk gr in th alt strs as cln/arg, scat, th inlams Sh, dk bl=blk, sft, sl reworked, tr fi diss mica
- 5558 - 5562 - Sh, dk bl=blk, sft, rarely slty, poker=chip^d
- 5562 - 5564 - Ss, lt gr=wh, vf/m, sa/r, vp-sort, scat r=tn dol sphs, com blk gs, a/r, v hd, well ind, abd^{ly} inlam^d wi pap=th gr sh ptgs, Sltst lenses, ti, 7% por, NS
- 5564 - 5575 - Ss, ev m brn stn, vf/f, sa, good sort, com blk gs/pebs, m/3mm, fair/good perm, 15% por, brite greenish=yel flsn, inst leached cut, good pet odor, sl gassy
(core badly broken)
(here m, fair sort, scat gr=grn cly incls to 3mm, good/excel perm, 15-17% por, flsn, cut, aa, strong pet odor)

WELL NO.: 14-23A (50)

PROPERTY: Section 23

RED WASH FIELD

Core #7 (cont'd)

- aa, m gr ss, patchy/lam (50%) stn aa, abd blk sphs f/m, low/fair perm, show aa where stn'd
bcm slty, inlam'd wi arg strs, ti/tr perm, lam/patchy show aa
- 5575 - 5579 - Sltst, gr, threaded & sl reworked wi dk gr, sl arg strs, hd, scat 1" lams stn'd ss aa, low/tr lam perm
bcm inlam'd wi scat Sh ptgs, dk bl-blk, sft, sl reworked
- 5579 - 5581 - Ss, lt gr, 80% ev dk brn stn, vf, sa/a, ev-sort, cln wi com f blk gs/sphs, scat pap-th sh inlams, hd, well-ind, low perm wi scat ti strs/lenses, 12-15% por, dull gr-tn flsn, inst poor gr cut, strong gassy pet odor
- 5581 - 5583 - Sltst, lt gr, hd, v finely sdy, closely reworked & inlam'd wi dk olive-grn sh, sl slty, sft
(Frac, mud-stn'd)
- 5583 - 5585 - Sh, dk olive-grn, sl slty, mod hd, com sm pap-th lenses gr sltst, scat blk carb/hydrocarb patches, glossy
-

Core #8 - 5585 - 5663 - Recovered 78'

- 5585 - 5588 - Sh, dk gr-blk, sft, massive, poker-chip'd
- 5588 - 5591 - Sltst, dk gr, hd, v arg, abd th lenses/strs slty dk olive-grn Sh
6" Sh, dk grn-blk, sft, v sl slty
- 5591 - 5598 - Ss, gr, f, a/sa, fair sort, ltl dol cem w scat v dolie patches, abd dk gr/blk f/m sphs, com pap-th dk grn-gr sh lams, sl reworked, hd, ti/low perm, 10-12% por, rare lam/spotty yel flsn, fnt cut, fnt pet odor
aa wi 50% m gr-brn lam stn, fair gold-yel flsn, fair gr cut, fair pet odor
- 5598 - 5600 - Sh, grn-gr, btl, mod sft, closely inlam'd wi slty sh & gr sltst, hd, arg; poker-chip'd
aa, bcm Sh, dk grn-gr, sft, slaty, rare sltst inlams
- 5600 - 5604 - Sltst, lt gr, sl grn, hd, arg, v finely sdy, massive
- 5604 - 5607 - Sh, dk olive-grn, mod hd, finely slty, scat th lams & lenses sdy gr
Sltst, hd; mod poker-chip'd
- 5607 - 5609 - Ss, lt gr, f/m, sa, p-sort, abd irreg th lams dk brn/dk gr slty sh, com f sphs & f/m blk min gs, cgl'ic in strs, ltl dol-arg cem, well-ind, hd, ti, 8-12% por, tr min flsn, NS
- 5609 - 5620 - Ss, gr, vf/f, sa/sr, well-sort, cln, scat vf blk gs, mod hd, sl fria, good perm, 15-17% por, looks wet, burnt odor, NSOF
aa, v finely inlam'd wi pap-th slty sh strs
aa, cln, bcm vf
aa, vf, well sort, bcm low/fair perm, 15% por, NSOF & alternating in 2-1" zones wi Ss, lt gr, vf/sltst, cln scat min gs, will ind, hd, irreg'ly inlam'd wi gr-grn sh, sl reworked, 10-12% por, ti/tr perm, NSOF
Ss aa, low perm, patchy (30%) m brn stn, dull tn-brn flsn, inst gr cut, distinct burnt odor
- 5620 - 5621 - Sltst, gr, hd, finely reworked wi slty olive-brn sh & irreg'ly inlam'd to 1" wi Sh, dk gr-grn, slty, sft
- 5621 - 5623 - Ss, lt gr, vf/f, sa, ev-sort, ltl dol & arg cem, abd f/m sphs, com pap-th inlams sh aa, well-ind, hd, ti, 10-12% por, NS
bcm vf, scat vf sphs, dol cem hd, ti, 8-10% por, NS
- 5623 - 5624 - Sh, dk olive-brn, slty, hd, closely reworked curls & twirls sltst, gr, hd, sl arg
- 5624 - 5625 - Sh, dk bl-blk, sft, sooty-velvety, rare th sltst lenses, poker-chip'd

WELL NO.: 14-23A (50)

PROPERTY: Section 23

RED WASH FIELD

Core #8 (cont'd)

- 5625 - 5635 - Ss, gr, vf/f, sa, ev-sort, ltl dol cem, scat/com blk sphs, vf/f, mod sft, sl fria, good perm, 15% por, wet, NSOF
 aa, f, fair sort, abd calc cem, tr/low perm, NSOF
 aa, f, well sort, sl arg wi closely inlam'd arg strs & dk gr slty sh inlams, ti/low lam perm, NSOF
- 5635 - 5640 - Ss aa, bcm vf, sa, well sort, arg, sl fria, low/fair perm, wet, burnt odor, NSOF
- 5640 - 5646 - Sltst, gr/lt gr, v hd, v finely sdy, closely inlam'd & sl reworked wi th ptgs Sh, dk grn-gr, sft, fiss, rarely slty
- 5646 - 5649 - Ss, gr, patchy/lam m brn stn (10%), vf/f, sa, p-sort, abd gr f/m sphs, ltl scat dol cem, v hd, well-ind, ti, 10% por, patchy dull yel flsn, tr slow cut, fnt pet odor where stn'd
- 5649 - 5653 - Ss, dk gr, m/sltst, sa/r, vp-sort, v arg, sl calc, com blk sphs, abd'ly & v closely inlam'd wi th slty blk sh, hd, ti, 6-8% por, NSOF
 aa, bcm vf/f, fair sort, sl arg, tite-packed, hd, closely inlam'd wi th sh aa, ti, NSOF
- 5653 - 5659 - Sltst, gr, hd, v finely sdy, closely & abd'ly inlam'd wi th Sh, dk gr-blk, sl slty, sl poker-chip'd
- 5659 - 5660 - Sh, dk bl-blk, sft, sl slty, closely & v thinly inlam'd wi Sltst, gr, hd, sl arg
- 5660 - 5661 - 1' Sltst, dk gr, v hd, v arg, sdy, abd 1/2-1" patches tn dol
 Pulled short for DST's 2 & 3.
 Depth correction: 5663 = 5665 (SLM)

September 17, 1956

DST #2 - Howco straddle test of interval 5556 - 5580' w/packers set @ 5551, 5556 and 5580. Bottom hole anchor in 9" hole. No WC or BHC. Tool open 1 1/2 hrs., SI 1/2 hr. Tool opened w/weak blow increasing to fair in 14 min. Remained steady to end. Gas to surface in 62 min. Not enough to gauge. Rec 638° fluid: 338° gas & v sli mud cut oil; 90° sli mud cut oil; 90° sli oil cut mud; 120° water cut mud, tr oil.

Chars:	IH	IF	FF	SI	FH
Top BT	2870	135	195	1970	2775
Middle BT	2925	155	205	2090	2910
Bottom FRD	3000	-	-	-	2850

Sept. 18, 1956

Core #9 - 5665 - 5755 - Recovered 90'

- 5665 - 5666 - Sh, br-blk, m sft, irreg frac wi strs lt gr ss
- 5666 - 5666 1/2 - Ss, lt gr, vfg, sa/sr, well sort, well cem, hd, com vf blk sphs, spotty lt br stn, 8-10% por, ti, fnt pet odor, yel flsn
- 5666 1/2 - 5677 1/2 - Sh aa, except poker chip frac
- 5677 1/2 - 5684 - Ss, lt gr, vfg, sa, well sort, well cem, hd, com vf blk sphs, str dol & ost sub coq, stn on frac, 8-10% por, ti grades to Sltst, lt grn-gr, hd
 bcm Sh, olive grn, m sft, irreg frac
 bcm darker in color, poker chip frac, wi strs lt gr sltst
- 5684 - 5696 - Ss, lt gr, vfg, sa/sr, well sort, well cem, hd, abd vf blk sphs, crs reworked wi strs dk sh, strs lt br stn, fair pet odor
 10% por, ti/tr perm, lt yel flsn wi silvery bl cut where stn
- 5696 - 5607 - Sh, gr-grn, m soft, conch frac

WELL NO.: 14-23A (50)

PROPERTY: Section 23

RED WASH FIELD

Core #9 (cont'd)

- 5697 - 5704 - Ss, lt gr, vfg, well sort, hd, well cem, rare sphs, 8-10% por,
ti, NSOF
inbd Sh & sltst aa
- 5704 - 5706 - Ss, lt gr, fg, sa/sr, fair sort, well cem, hd, abd blk sphs,
strs dk sh, lt brn stn, 10-12% por, low perm, good pet
odor, dull gold flsn, fnt bl cut
- 5706 - 5707 - Sh & Sltst; Sh brn-blk m sft irreg frac, Sltst, dk gr, hd
- 5707 - 5710 - Ss, lt gr, m/fg, sa, fair sort, well cem, hd, abd blk sphs, lt
br spotty stn, 10% por, ti/tr perm, good pet odor, dull
gold flsn, fnt bl cut
- Sh aa
- 5710 - 5730 - Ss, lt gr, m/crs g, sa/sr, well sort, well cem, hd, sl fri, abd blk
sphs, 10-12% por, fair/good perm in strs, spotty earthy/
lt yel flsn, wi silvery-bl cut, looks wet
bcm closely inlam'd wi reworked Sh wi ss, bcm ti/tr perm
Spherulite wi strs ss, spherulite bl-blk, m/f blk, sphs,
calc cem,
Sh, br-blk, m sft, conch frac
- 5730 - 5739 $\frac{1}{2}$ - Sh, brn-blk, m soft, irreg frac, wi strs ti ss, aa
bcm incr ss, coarsely reworked wi sh
Pred Ss, aa, hd, ti,
Ss & Sh aa
- 5739 $\frac{1}{2}$ - 5755 - Ss, fg, sa/sr, well sort, well cem, hd, abd blk vf sphs, dk sh
inlams, lt tn stn in strs, 10-12% por, low perm, good pet
odor, lt yel flsn & silvery bl cut where stn'd
bcm ss, aa, except tighter and wi incr sh, Sh, aa
bcm pred Sh, conch frac

Sept. 19, 1956

DET #3 - Interval 5432 - 5467

Howco straddle test w/hook wall anchor in 9" hole. No WC or BHC. Packers set @ 5427, 5432 and 5467. Tool open 1 $\frac{1}{2}$ hrs., SI $\frac{1}{2}$ hr. Tool opened w/weak blow increasing to fair in 16 min. Remained steady to end of test. No gas to surface.

Recovered 45° v slightly mud and gas cut oil; 90° mud cut oil; 270° v sli oil & sli water cut mud, 265° water cut mud. Total recovery 770° fluid. Oil recovered was black high pour point.

Charts:	IH	IF	FF	SI	FH
Top BT	2750	300	320	1655	2675
Middle BT	2750	100	230	1660	2720
Bottom PRD	2800	-	-	-	2450

Core #10 - 5755 - 5800 - Recovered 45°

- 5755 - 5757 - Sh, brn-blk, m sft, irreg frac, thi sltst inlams
- 5757 - 5765 - Sh, gr-grn, hd/m sft
- 5765 - 5767 - Sh, aa, except sft, crumbly, badly broken in core barrel
- 5767 - 5777 $\frac{1}{2}$ - Ss, lt gr-grn, f/m/g, slty, sr, p sort, well cem, hd, rare v f sph
com f/crs blk g, 5-10% por, ti/tr perm, NSOF
1° Ss, aa, except fg, wi patchy stn, 10% por, ti, dull earthy
flsn, dull yel cut, fair pet odor

WELL NO.: 11-23A (50)PROPERTY: Section 23

RED WASH FIELD

Core #10 (cont'd)

- 5777 $\frac{1}{2}$ - 5778 - Grades to Ss, lt gr-grn, wi patches stn as 5175^o
 5778 - 5782 $\frac{1}{2}$ - Ss, lt gr-grn, m/crs g, sa, p sort, hd, m fri, com blk pebs and
 vf blk sphs, good pet odor, lt/dk brn stn, 12-14% por,
 fair perm, lt yel flsn, inst silvery bl cut
- 5782 $\frac{1}{2}$ - 5783 $\frac{1}{2}$ - Ss, lt gr-grn, as 5767 - 5777, ti
Sh, gr-grn, v sft, crumbly
- 5783 $\frac{1}{2}$ - 5799 - Ss, lt gr-grn, sa, sa/sr, well sort, hd, fri, spotty stn, occ blk
 sphs, strc dol/v dol, pred dk brn stn but wi strc cln,
 wet app ss having NS, good pet odor, yel flsn, inst sil-
 ver-bl cut where stn, 10-17% por, ti/good perm, all look
 wet
- 5799 - 5800 - Ss, aa, except crs/vfg, slty, p sort, wi lge blk pebs & incl,
 much intl mat, 8-10% por, ti, NS
-

Core #11 - 5800 - 5890 - Recovered 90^o

- 5800 - 5815 - Ss, lt gr, spotty tn/brn stn, mg, sa/sr, well sort, m hd, fri,
 com blk sphs, 14-17% por, fair/good perm, ltl odor,
 br/dull yel flsn where stn wi silvery bl cut
 bcm ss aa, except fg, slty, dolic, 5% por, ti/tr perm, NSOF
 grades to Ss, ti/tr perm, NSOF
 bcm ssa, wi strc hd, dk gr sltst
- 5815 - 5818 - Ss, lt gr, mg, sa/sr, well sort, m hd, m fri, com blk sphs, 13-
 17% por, good/excel perm, ev dk br stn, good pet odor,
 br yel flsn wi gr-bl cut, carbonates absent
- 5818 - 5823 - Ss, lt gr, f/vfg, sa/sr, well sort, hd, well cem, slty, com vf
 blk sphs, 13% por, tr perm, NSOF
 9" Ss as 5815 - 5818 $\frac{1}{2}$ ^o
Ss, aa, bcm fg, slty, calc cem, 13% por, ti/low perm, spotty
 stn
 bcm ti, NSOF
 3" wi spotty brn stn, low perm
- 5823 - 5825 - Ss, lt gr-grn, fg, sa/sr, well sort, slty, hd, well cem, 11-13% po
 ti/tr perm, NSOF
- 5825 - 5831 - Grades to Ss aa, except less cem & intl mat, brn/dk brn stn,
 13-17% por, ti/good perm, good pet odor, gld flsn, ltl
 flsn in cut, 3 strc 1 $\frac{1}{2}$ "-3" ti/tr perm wi spotty stn
 bcm low/fair perm, spotty stn
- 5831 - 5834 - Ss, lt gr, vfg, sa/sr, well sort, hd, well cem, com dk vf sphs,
 dk reworked sh inlams, 12-15% por, fair/low perm, NSOF
 bcm f g, dolic
- 5834 - 5837 - Ss aa & Sltst, sltst; dk gr, hd, NSOF
- 5837 - 5841 - Ss, gr, mg, sa/sr, well sort, hd, 14-17% por, good/excel perm,
 even dk brn stn, good pet odor, gold flsn, fnt bl cut
- 5841 - 5851 $\frac{1}{2}$ - Ss aa, except vfg, well cem, dol, arg, com blk sphs, fair perm,
 NSOF
 bcm ss & sltst, sltst brn-blk, hd, crs reworked, ss aa,
 except bcm 9-10% por, ti/tr perm, NSOF
 6" Sh, brn-blk, m sft, irreg frac
- 5851 $\frac{1}{2}$ - 5852 $\frac{1}{2}$ - Ss, lt gr, vfg, sa, hd, well cem, 5-8% por, ti, NSOF
- 5852 $\frac{1}{2}$ - 5854 - Sh, lt gr-grn, hd, irreg frac, abd carb frags
- 5854 - 5859 - Ss, lt gr, vfg, sr, well sort, hd, well cem, com blk vf sphs,

WELL NO.: 14-23A (50)

PROPERTY: Section 23

RED WASH FIELD

Core #11 (cont'd)

- dk reworked sh inlams/strs, 5-8% por, ti/tr perm, rare stn
bcm dk gr v arg, v dol, abd blk osts wi strs 8-10% por,
fair perm
- 6" Ss, lt gr, f/m gr, sa, fair sort, hd, m fri, well cem, com blk
sphs, rare blk osts, 10-14% por, fair perm, even brn
stn, good odor, yel flsn, little flsn cut
- 5859 - 5862 - Ss, aa at 5857', unif brn stn, good odor, 10-12% por, good/excel
perm
bcm ti/tr perm, wi spotty stn
4" ti, NSOF
6" unif stn aa, 12% por, excel perm
- 5862 - 5872 - Ss aa, ti/fair perm, NSOF
bcm incr sh inlam'd finely reworked
bcm crs reworked wi dk sh inlams
bcm less sh
- 5872 - 5880 - Sltst & Sh; sltst lt/dk gr, hd, Sh, brn blk, m sft, irreg frac
5880 - 5882 - 3" Cgl, ti, gr ss, sh frags & pebs
Ss, lt gr, m/f gr, sa, fair sort, hd, well cem, abd blk sphs,
rare blk osts, rare red g, 10-12% por, ti/fair perm,
spotty stn, gold flsn, no cut flsn
6" cleaner, NSOF, looks wet
- 5882 - 5885 - Ss, aa, mg wi ltl intl mat, uniform brn stn, good pet odor,
15% por, excel perm, dull gld flsn, lt silvery bl cut
- 5885 - 5890 - Ss aa, except fair perm, NSOF, looks wet
strs reworked dk Sh

Sept. 24, 1956

Core #12 - 5890 - 5965 - Recovered 75'

- 5890 - 5892 - Ss, lt gr, fg, sa/sr, well sort, well cem, hd, com blk sphs, dk
sh inlams, 10% por, good perm, NSOF, looks wet
Ss aa, except ti & incr Sh, dk sh lams & strs, crs, reworked
- 5892 - 5898 - Ss, lt gr, mg, sa/sr, well sort, well cem, hd, com blk sphs,
10-11% por, fair/good perm, NSOF to v lt spotty stn
wi dull gld flsn & fnt gr cut flsn
- 5898 - 5902 - 4" Ss aa, unif dk br stn, m/crs g, ltl odor, dull gld flsn, fnt
bl-gr cut
Ss aa, except f/mg, 13-15% por, fair/tr perm, NSOF, looks wet
3" at top wi strs crs reworked dk sh
bcm vfg, v well cem, strs to 1/2" dk crs reworked sh,
10-12% por, ti/tr perm, NSOF
- 5902 - 5908 - Ss aa, f/m g, wi com reworked dk sh inlams, 9-10% por, tr/low
perm, NSOF
bcm incr cem, ti, occas blk ost
- 5908 - 5912 - 6" Sltst, dk gr, hd, wi strs dk sh
Sh & Sltst; Sh, brn-blk, m sft, irreg frac, Sltst; gr, hd
- 5912 - 5924 - Ss, m gr, vfg, slty, sa/sr, well cem, v hd, abd reworked dk sh
inlams, com vfg blk sphs, 7-10% por, ti/tr perm, NSOF
bcm incr slty, 3-4% por
Sh, br-blk, m sft, irreg frac
Ss, aa, bcm dol, abd blk stn, osts, v arg, 5% por, ti
- 5924 - 5928 - Ost-Coq, blk & tn osts in dol mtx, tn min flsn
bcm bst sub coq, calc & dol
grades to Ss, lt gr, spotty tn stn, m/crs g, sa, p

WELL NO.: 14-23A (50)PROPERTY: Section 23RED WASH FIELD

Core #12 (cont'd)

- sort, well cem, hd, dol, abd osts & blk sphs, 10-12% por, tr perm, spotty yel-bl flsn, gr-bl cut
- 5928 - 5930 - Sltst, dk gr, hd
Ss, lt brn stn, m/crs, g, sa/sr, fair sort, m hd, well cem, dol, com osts, spotty/even stn, good pet odor, 12-15% por, tr/fair perm, yel flsn, gr-bl cut
- 5930 - 5934 - Ss, lt gr, vfg, sa, fair sort, well cem, slty, 8-10% por, ti, NSOF grades to Sltst, m gr, hd
Ss aa, less slty, tr perm
- 5934 - 5935 $\frac{1}{2}$ - Ss, lt gr w/ ev/lt brn stn, f/vfg, sa/sr, fair sort, v hd, well cem, 10-12% por, fair perm, good pet odor, unif dull gld flsn, bl gr cut
6" m/crs gr, p cem, crumbly, good perm
- 5935 $\frac{1}{2}$ - 5939 $\frac{1}{2}$ - Ss, lt gr, vfg, slty; sa/sr, fair sort, v hd, well cem, strs dk gr crs reworked sltst, 6-9% por, ti/tr perm, NSOF
- 5939 $\frac{1}{2}$ - 5941 - Sh, dk gr/grn, m sft, irreg/conch frac
- 5941 - 5945 $\frac{1}{2}$ - Ss, lt gr-grn, fg, slty, sr, well sort, m cem, hd, fri, dol, com osts, 5-12% por, ti/tr perm, NSOF
- 5945 $\frac{1}{2}$ - 5947 $\frac{1}{2}$ - Ss aa, except w/ spotty lt brn stn, m/crs g, fair pet odor, dull gld flsn, fnt bluish cut, 12-14% por, fair perm
- 5947 $\frac{1}{2}$ - 5963 - Ss & Sltst; ss, m gr, hd, vfg, slty, sr, well sort, well cem, v hd, 6-8% por, ti/tr perm, NSOF; Sltst, dk gr/hd reworked dk sh strs
4" m/crs g, fair perm
- 5963 - 5965 - Ss aa, bcm m/gr, 12-14% por, good perm, NSOF, looks wet

DST #4 - Test of interval 5812 - 5848.

Set Johnston 8" packers at 5806, 5812 and 5848. No WC or BHC. Tool open 2 hrs., SI $\frac{1}{2}$ hr. Tool opened w/good blow gradually decreasing to faint at end of test. No gas to surface.

Recovered 2700' sli gas cut water; Cl⁻ 3800 ppm, 6200 ppm.

Charts:	IF	FF	SI	FH
Top BT	10	1000	1935	2690
Middle BT	200	1190	2100	- (3000 psi recorder)
Bottom PRD	-	-	-	2600

Attempted to run tools for DST #5. Tools stopped 10 stands off bottom. Ran back with core barrel. Lost circulation. Pulled out and ran back in stages adding lost circulation material.

Sept. 28, 1956

Core #13 - 5965 - 6055 - Recovered 90'

- 5965 - 5970 - Ss, lt gr, mg, sa/sr, well sort, hd, well cem, com blk g, dk sh stks, 12-14% por, good perm, NSOF, wet
Ss aa, except vfg, ti, incr inflam'd w/ reworked dk sh
2" Sh, brn-blk, m hd, irreg frac
- 5970 - 5978 - Ss, as in top of core, 14% por, good perm, NSOF, wet
Ss & Sh, ss aa, vfg, 11-13% por, ti/tr perm, Sh, th inflams to $\frac{1}{2}$ " strs, crs, reworked
bcm 12-14% por, fair/good perm

WELL NO.: 14-23A (50)

PROPERTY: Section 23

RED WASH FIELD

Core #23 (cont'd)

- 5978 - 5984 $\frac{1}{2}$ - Ss, lt gr, f/m g, s/a, fair sort, hd, well cem, m fria, com blk sphs, com blk g, dk sh inlams, plant frags, 10-14% por, ti/fair perm, wet, NSOF
bcm fair/tr perm, wi incr sh inlams
Ss aa, m/crs g, 13-15% por, good/excel perm, wet, NSOF
Ss aa, except v well cem, calc cem, low por & ti, NSOF
bcm less cem, 12% por, tr perm
- 5984 $\frac{1}{2}$ - 5986 - Sh & Sltst; Sh, brn-blk, m sft, irreg frac, Sltst, dk gr, hd
5986 - 5989 - Ss, lt gr, vfg, sr, well sort, well cem, hd, vf dk sh inlams, 5-8% por, ti, NSOF
bcm f/mg, 13% por, ti/tr perm, sh str to 1"
- 5989 - 6009 - 3" Ss, aa, bcm low por, ti, abd sh patches
Sh, m sft, brn-blk, irreg frac, strs lt gr sltst
bcm sft, crumbly, broken in core bbl
bcm sft, crumbly aa, poker chip
- 6009 - 6012 - Ss, lt gr, vfg, slty, sr, well sort, well cem, hd, abd blk sph & osts, 12-13% por, v dolic, 8-10% por, ti, NSOF
1" Ss, even brn stn, m/fg, sa, fair sort, well cem, hd, abd blk sphs & osts, 12-13% por, tr/fair perm, good pet odor, gld flsn, gr-bl cut
Ss, aa, except vfg, low por, ti, NSOF, bcm ost sub coq in strs to 2", abd sphs, com ools
- 6012 - 6015 - Ss, lt gr, vfg, slty, sr, well sort, v well cem, v hd, strs reworked dk sltst & sh, 6% por, ti, NSOF
- 6015 - 6018 - Sh, brn-blk, m hd, m sft, irreg frac wi strs ss, aa
6018 - 6022 - Ss, lt gr, m/crs gr, sa, well sort, m cem, m hd, m fri, abk blk sphs, com osts, 12-15% por, tr perm, sour odor, looks wet, NSOF
Grades to ss aa, except evn brn stn, m/f g, sa, fair sort, good pet odor, 11-15% por, fair perm, gld flsn, gr-bl cut
3" ti wi spotty stn
- 6022 - 6027 - Ss, lt gr, vfg, slty, sa, well sort, well cem, v hd, 12% por, tr perm, NSOF
Ss aa, except unif lt br stn, 7% por, tr perm, bleeds oil
Ss aa, wi sh in th reworked lams to 2" strs
- 6027 - 6030 - Sltst, dk gr, hd, wi strs sh, br-blk, m hd/m sft, irreg frac
6030 - 6035 - Ss, m gr, fg, sa/sr, fair sort, hd, well cem, abd blk sphs, v dol, v low por, ti, NSOF
Sltst, grn gr, m hd
bcm crs, reworked
Sh, gr-grn, m sft, crumbly
- 6035 - 6040 $\frac{1}{2}$ - Ss, lt gr, m/crs g, sa, well sort, m cem, hd, m fri, cln, 13-15% por, good perm, musty odor, wet, NSOF
8" Ss aa, except vfg, v well cem, tr perm,
Grades to Ss aa, wi spotty to unif brn stn, m gr, well sort, hd, 13-15% por, tr/fair perm, good pet odor, pale yel flsn, bl-gr cut
bcm spotty stn
bcm incr stn, tr perm
- 6040 $\frac{1}{2}$ - 6048 - Ss, lt gr, vfg, sr, well sort, v well cem, v hd, v low perm, ti, NSOF, th sh inlams to 2" strs; Sh, dk gr, m sft, irreg frac, crs, reworked
8" Sh, aa,
- 6048 - 6055 - Ss, lt gr, m gr, sa, well sort, cln, hd, rare blk sphs, 11-14% por, tr/good perm, wet, NSOF
Ss aa, bcm vfg, v well cem, v hd, v low perm, ti, v crs

WELL NO.: 14-23A (50)

PROPERTY: Section 23

RED WASH FIELD

Sept. 30, 1956

Core #14 - 6055 - 6113 - Recovered 58'

- 6055 - 6056 - Sh, brn-blk, sft, crumbly, conch frac, badly broken & washed
in core bbl
- 6056 - 6059 - Ost-Coq, blk & tn osts in dol mtrx, v hd, com dk sh inlams, v low
por, ti, NS, min flsn only
- 6059 - 6066 $\frac{1}{2}$ - Grades to Sltst & Sh, Sltst, dk gr, hd, Sh, brn-blk, m sft,
irreg frac, str, ti, ss w abund osts
4" Sh aa, sft conch frac, badly washed
8" Sh aa, sft, badly washed
bcm pred sh
- 6066 $\frac{1}{2}$ - 6068 - Ss, lt gr, m/fg, sa, fair sort, hd, well cem, v dol, 6-8% por,
ti, NSOF
1" Sh aa,
- 6068 - 6069 $\frac{1}{2}$ - Ss, m g, wi spotty dk brn stn, m/crs g, sa, p sort, v hd, v well
cem, abd blk osts, v dol, patches wh bent & dk pebs,
12-15% por, tr/fair perm, fair pet odor, dull yel flsn,
wi inst br yel-bl cut
- 6069 $\frac{1}{2}$ - 6078 $\frac{1}{2}$ - Ss, lt gr, m g, sa, well sort, cln, hd, well cem, abd blk sphs,
11-16% por, ti/good perm, NS to spotty stn, looks wet
bcm inc dol, rare blk osts
- 6078 $\frac{1}{2}$ - 6082 - Ost-sub coq, v dol, hd, well cem, rare ools, 10% por, tr/good
perm, wet, NSOF
- 6081 - 6083 - Ss, lt gr, m g, sa, well sort, hd, well cem, v dol, abd crs
blk osts, rare br red & grn g, 10-12% por, ti,
bcm ss aa, except vfg, wi osts rare except in patches where abd
- 6083 - 6085 - Ost-sub coq aa, wi spotty stn, 10-13% por, ti/fair perm, br yel
flsn wi silver bl cut
- 6085 - 6089 - Ss, lt gr, fg, sa, fair sort, v hd, v well cem, v dol, com osts,
abd vf blk sphs, 5-7% por, ti, rare spotty stn, yel
flsn, bl gr cut
bcm m/fg, fair sort, wi evn lt brn stn, flsn & cut aa
- 6089 - 6091 - Ost-sub coq, aa, 10-12% por, tr perm, NSOF
- 6091 - 6101 $\frac{1}{2}$ - Ss, lt gr wi even brn stn, sa, fair sort, v hd, v well cem,
com osts, v dol, 12-13% por, ti/fair perm, br yel flsn,
silver-bl cut, good pet odor, bleed gas & oil
bcm arg, spotty stn
- 6101 $\frac{1}{2}$ - 6102 $\frac{1}{2}$ - Sltst & sh, finely inlam'd, Sltst, lt gr, hd; Sh, dk gr, finely
reworked, bcm crs, reworked in bottom 3"
- 6102 $\frac{1}{2}$ - 6113 - Dol oolite, olive grn, lt brn stn, crs g, v hd, v well cem, com
blk & tn osts & tn ools, 10-13% por, ti/tr perm, good
pet odor, earthy gld flsn wi slow bl-gr cut
bcm 8-10% por, ti wi NSOF
bcm 10-13% por, ti, NSOF
Grades to Ss, olive grn, vfg, sr, well sort, v hd, v
well cem, v dol, com osts & ools, 8-9% por, ti, NSOF

Oct. 3, 1956

Core #15 - 6113 - 6181 - Recovered 68'

- 6113 - 6120 - Ss, lt grn-gr, vfg, slty, sr, well sort, v well cem, v dol,
f dk sh inlams, com osts & ools, 5-7% por, ti, NSOF
bcm incr sh
crs, reworked

WELL NO.: 14-23A (50)

PROPERTY: Section 23

Core #15 (cont'd)

- 6120 - 6123 - Dol, olive-grn, hd, abd sphs, com oste, v low por, ti, NSOF
- 6123 - 6131 - Grades to Sltst, grn-gr, m sft, bcm gr grn sh in places, v dol
bcm ss aa, wi strs, sltst & sh, aa
grades to Sltst, aa,
- 6131 - 6136 - Sh, gr-blk, sft, crumbly, conch frac, badly broken in core bbl
bcm ss aa wi strs sltst & sh aa
- 6136 - 6143 $\frac{1}{2}$ - Sh, aa, sft, crumbly, broken in core bbl
Sh, aa, except wi poker chip frac
Sh aa wi irreg frac
- 6143 $\frac{1}{2}$ - 6145 - Sltst, gr-blk, m hd, wi strs to 2" ost coq in dol mtrx, coq,
hd, well cem, v low por, ti, NSOF
- 6145 - 6147 - Sh, gr-blk, m sft to crumbly, lower 6" badly broken in core bbl
- 6147 - 6148 - Sltst, ss and sh aa, carbonaceous
- 6148 - 6151 - Dol, spherulite, v hd, v well cem, v low por, ti, NSOF
2" crumbly sh aa
Dol, olive gr, v hd
5" crumbly sh, aa
- 6151 - 6160 $\frac{1}{2}$ - Ss, lt gr, m/vfg, sa/sr, p sort, well cem, hd, com blk & rare br
red g, 8-10% por, ti, NSOF
2" Sh, dk gr, m sft, irreg frac
crs reworked wi th sh inlams
4" Sh, aa, sft, crumbly
- 6160 $\frac{1}{2}$ - 6164 $\frac{1}{2}$ - Dol, olive grn, hd, abd sphs
- 6164 $\frac{1}{2}$ - 6167 - Ss, lt gr, vfg, sa, well sort, hd, well cem, dol, com blk g,
6-8% por, NSOF
bcm crs reworked wi th sh inlams
bcm incr sh wi strs to 3"
- 6167 - 6168 - Sh aa, sft, crumbly, broken in bbl
- 6168 - 6174 $\frac{1}{2}$ - Dol, aa, wi strs ss and sh, aa
- 6174 $\frac{1}{2}$ - 6178 - Ss, lt gr, vfg, sa/sr, well sort, well cem, dol, com blk g,
v low por, ti, NSOF. Top 4" crs reworked
- 6178 - 6181 - Sh & Sltst, olive grn, Sh, v sft, crumbly, broken in bbl;
sltst, m sft

October 4, 1956

Core #16 - 6181 - 6225 - Recovered 44'

- 6181 - 6181 $\frac{1}{2}$ - Ss, lt gr-wh, fg, sr, well sort, hd, well cem, difficulty fri,
occas blk g, abd wh intl matl, v low por, ti, NSOF
grades to Sltst, lt gr, hd
- 6181 $\frac{1}{2}$ - 6189 - Sh, top few inches grn, bcm rd and grn mott, sft, crumbly
crumbled in core bbl
badly washed in core bbl
- 6189 - 6192 - Sh, aa, except mod hd, irreg frac
- 6192 - 6199 - Ss, lt gr, vfg, slty, sr, v well sort, hd, well cem, occ blk
g, v low por, ti, NSOF
grades to Sltst, lt gr, hd
- 6199 - 6207 - Sh, sft, crumbly, grn wi occas brick red mott
bcm incr red
bcm pred red (Tentative top Wasatch 6200')
- 6207 - 6216 - Sltst, m gr, hd
- 6216 - 6219 $\frac{1}{2}$ - Ss, lt gr, vfg, sr, well sort, hd, v well cem, abd wh intl matl,

WELL NO.: U-23A (50)

PROPERTY: Section 23

RED WASH FIELD

Core #16 (cont'd)

rare vf blk g, v low por, ti, bcm lt tn strn in strn
wi carbide odor, brilliant yel flsn & cut

6219 $\frac{1}{2}$ - 6223 - Sh aa, rd & grn mott, badly washed
bcm m hd, irreg frac

6223 - 6224 - Sltst, m gr, hd

6224 - 6225 - Sh aa, pred grn wi red mott, m hd, irreg frac

Oct. 5, 1956

Core #17 - 6225 - 6241 - Recovered 15'

6225 - 6226 $\frac{1}{2}$ - Sltst, gr wi mott red, m hd

6226 $\frac{1}{2}$ - 6234 - Sh, brick red, wi gr mott, sft, badly broken & washed
bcm sltst aa

6234 - 6240 - Sh, aa, sli washed
bcm Sltst, aa

6240 - 6241 - No recovery

Ran Schlumberger Electric log and Microlog. Recorded Electric log 6244 - 448';
Microlog 6242 - 4400'.

Oct. 6, 1956

DST #5 - Howco straddle test of interval 6091 - 6109.

Set packers at 6085, 6091 and 6109 using bottom hole anchor. No WC or BHC. Tool open
1 $\frac{1}{2}$ hrs., SI $\frac{1}{2}$ hr. Light decreasing blow during test. No gas to surface.

Recovered 270' rise; very oily mud becoming thinner downward, bottom testing 1000 ppm Cl⁻

Charts:	IH	IF	FF	SI	FH
Top BT	2995	50	100	680	2850
Middle BT	3000	170	1190	695	2915
Bottom PRD	3400	-	-	-	3325

DST #6 - Howco straddle test of interval 5777 - 5813.

Set packers at 5772, 5777 and 5813 using side wall anchor. No WC or BHC. Tool open
1 hr. 12 min. Med strong blow decreasing to faint at end of test. No gas to surface.

Recovered 2370' fluid rise, watery mud grading to clear water.

Charts:	IH	IF	FF	SI	FH
Top BT	2995	50	980	2185	2895
Middle BT	2965	70	1070	2205	2930
Lower PRD	3000	-	-	-	3000

Oct. 7, 1956

WELL NO.: 14-23A (50)

PROPERTY: Section 23

RED WASH FIELD

DST #7 - Howco straddle test of interval 5856 - 5882.

Set packers at 5851, 5856 and 5882 using sidewall anchor. No WC or BHC. Tool open 2 hrs. Medium blow decreasing during test. No gas to surface.

Recovered 1325° rise, gassy watery mud grading to sli muddy water.

Charts:	IH	IF	FF	SI	FH
Top BT	2780	50	569	2110	2758
Middle BT	2860	215	517	1940	2670
Lower PRD	2900	-	-	-	2900

Oct. 8, 1956

DST #8 - Howco straddle test of interval 5070 - 5092.

Set packers at 5065, 5070 and 5092 using sidewall anchor. No BHC or WC. Tool open 1½ hrs. Medium blow decreasing during test. No gas to surface. SI ½ hr.

Recovered 1330° rise, watery mud grading to sli muddy water testing 2400 ppm Cl⁻

Charts:	IH	IF	FF	SI	FH
Top BT	2435	74	453	1848	2435
Middle BT	2410	245	515	1820	2355
Lower PRD	2500	-	-	-	2500

DST #9 - Howco straddle test of interval 5040 - 5055.

Set packers at 5035, 5040 and 5055 using sidewall anchor. No BHC or WC. Tool open 1½ hrs., SI ½ hr. Medium blow decreasing during test.

Recovered 1560° rise, gassy watery mud grading to sli muddy water.

Charts:	IH	IF	FF	SI	FH
Top BT	2435	85	670	1820	2480
Middle BT	2460	270	670	1795	2460
Lower PRD	2550	-	-	-	2550

Oct. 9, 1956

Cemented 7" casing at 6229°

Used 250 50# sax control mix and 100 100# sax neat cement. 17 minutes mixing time. Average slurry wt control mix: 11.8#/gal; neat cement: 15#/gal. (Mixed Ideal Portland Type I and IA) 25 min. displacing w/rig pumps using one top and one bottom rubber plug. 800-1100 psi working pressure, 1600 psi when plugs bumped.

Casing Detail:

Bottom	17	jts.	
Next	140	jts.	or
Top	1	jt.	or
Total	158	jts.	or
			Top

700° 7", 23#, N=80, Rg 2 & 3, seamless casing with 8 rd thd long couplings. Includes Baker Guide shoe on bottom and differential float collar 2 jts above shoe. Centralizers on 1st, 2nd, 4th, 6th and 8th jts.

3510° 7", 23#, J=55, Rg 2, 8 rd, long coupling

25° 7", 23#, N=80, 8 rd long coupling, Rg 2

6235°

6° above floor. 6229° = depth of shoe

WELL NO.: 14-23A (50)

PROPERTY: Section 23

RED WASH FIELD

Oct. 10, 1956

Ran temperature survey - located top annular cement at 4000'. Slacked off 4" cut off 18' of 7" casing leaving 6217' in hole, top 12' below kelly bushing.

Tested 7" casing hanger - leaked downward at 1200 psi.

Ran McCullough Gamma Ray & Collar logs.

Recorded 6498' - 4900'. Gamma Ray checks 3' shallower than Schlumberger, ie: 5597' gamma ray equals 5600' Schlumberger.

Perforated 7" casing with 4 1/2" bullets per foot 5600 - 5603'. Set Baker Model K magnesium retainer at 5590'

Oct. 12, 1956

Cement Squeeze Stage #1

Recemented 7" casing thru shot holes 5600-5603' thru Model K retainer set at 5590'. Formation broke down at 2575 psi. Pumped in 100 sax common cement at max pressure of 2100 psi and final pressure of 1600 psi. Followed cement with 5 bbls water to flush cement beyond perforations.

Cement Squeeze Stage #2

Recemented 7" casing thru shot holes 5600 - 5603' thru Baker Model K retainer set at 5590'. Unable to obtain formation breakdown at 3200 psi. Bled off to 2450 psi in 9 min. Mixed 50 sax common cement. Displaced cement to Model K retainer before beginning squeeze. Displaced an estimated two sacks to formation at maximum and final pressure of 4000 psi.

Drilled up and chased Model K cement retainer from 5590 - 6138'. Displaced water in hole with oil.

Oct. 14, 1956

McCullough located Schlumberger collars and perforated 6097 - 6112' with six jets per foot and 5744 - 5752', 5571 - 5581, 5533 - 5538 and 5444 - 5464 with 3 jets and 4 bullets/ft.

Set Baker retrievable bridge plug at 5762 and Baker full bore retrievable retainer at 5734.

Oct. 15, 1956

Sand Oil Squeeze #1 - Interval 5744 - 5752.

Broke formation down with burner fuel at 3700 psi. Pumped in 30 bbl Rangely crude followed by 47.5 bbls burner fuel containing 1#/bbl 20-40 M Ottawa sand. Followed sand oil mixture with 30 bbl Rangely crude which was displaced into formation. Average injection pressure 3200 psi. Maintained 1000 psi in annulus. Average injection rate 5.6 bbl/min. After shutting down pumps pressure bled immediately to 1200 psi, then to 600 psi in next 2 hrs. Opened valve and flowed 1" stream bleeding pressure from 600 psi to 0 psi in 47 min.

WELL NO.: 14-23A (50)

PROPERTY: Section 23

RED WASH FIELD

Sand Oil Squeeze #2 - Interval 5571 - 5581.

Set Baker retrievable bridge plug at 5610' and full bore retainer at 5552'. Broke down formation at 2800 psi, pumped in 30 bbls Rangely crude followed by 47.5 bbls burner fuel containing 1 $\frac{1}{2}$ #/gal 20-40 M Ottawa sand. Followed sand oil mixture with 30 bbl Rangely crude displaced to formation. Average displacement rate 5.8 bbl/min. Average pressure 2900 psi. (Held 600-1000 psi on casing). Job completed 1:45 p.m. when pumping discontinued. Pressure bled immediately to 1000 psi then to 375 psi in 1 hr 35 min.

Oct. 16, 1956

Following SOS No. 2 well flowed from interval 5571-5581 at a low rate. Pressure dropped to approx 75 psi and leveled off until 4:00 a.m. when it began a gradual increase; increased to 200 psi by 4:50 a.m. Pressure then increased to approx 1000 psi by 6:30 a.m. Pumped cold oil in annulus to kill well. Layed line away from rig and bled oil and gas from tubing while pumping in annulus. After well dead attempted to reset retrievable bridge plug. Well began to flow through annulus. Attempted to kill well by displacing hole fluid to formation with burner fuel. Well flowed through tubing after pressure bled off. Shut in. Waiting on materials to mix oil base fluid.

Oct. 17, 1956

Attempted to pull up and reset Baker retrievable bridge plug. Unable to work up the hole. Worked plug down as low as possible, upper packing element at 6111' top of stinger 6109.5'. Released bridge plug and pulled out of hole with well flowing a small amount from annulus. Closed complete shut-off and pumped approx 200 bbls burner fuel to kill well.

Oct. 18, 1956

Set Baker Retrievable bridge plug at 5548' and Baker full bore cementer at 5519' and attempted to sand oil squeeze perforated interval 5533-5538'. Unable to breakdown formation at 4500 psi.

Sand Oil Squeeze #3 - Interval 5444 - 5464'.

Set Baker retrievable bridge plug at 5475' and full bore retainer at 5435'. Broke down formation with burner fuel at 3600 psi. Pumped in 30 bbls Rangely crude followed by 83 bbls burner fuel containing 1 $\frac{1}{2}$ #/gal 20-40 M Ottawa sand. Followed sand oil mix with 30 bbls Rangely crude displaced to formation. Average injection pressure 3300 psi (1000 psi in annulus.) Average injection rate 5.3 bbl/min.

Oct. 19, 1956

With Baker retrievable bridge plug set at 5762' and full bore cementer at 5734' attempted to swab test interval 5744-5752'. Closed rams because of wells tendency to flow from upper zones. Made three runs with swab to max depth of 2500' when well began to flow. Flowed 250 bbls, mostly load oil in 3 $\frac{1}{2}$ hrs. Checked packer. Found packer not holding. Shut well in. Casing pressure built to 850 psi, tubing pressure 1000 psi. Mixed oil base grlg fluid to 8.6#/gal.

Displaced hole fluid with 8.6#/gal ken oil. Displaced by pumping down tubing. Circulated out considerable gas. Pulled above perfs and applied pressure to annulus to check packer. Pumped fluid away at 400-600 psi. Attempted to pull retrievable bridge plug. Plug released and went down the hole. Pulled out; bridge plug not retrieved. Found circulating perfs above packer fouled with soft rope. Reram retrieving head and recovered bridge plug.

Landed 2 $\frac{1}{2}$ " tubing at 5404' open ended.

Contractor released 12:00 noon October 21, 1956

WELL NO.: 14-23A (50)

PROPERTY: Section 23

RED WASH FIELD

Oct. 26, 1956

R&R Well Service moved in and rigged up.

Pulled 2 $\frac{1}{2}$ " tubing.

Set Baker full bore retrievable cementer at 6085'.

Oct. 31 - Nov. 1, 1956

Swab test of interval 6097' - 6112'. Baker full bore retainer at 6085'.

Swabbed 10 hrs. Swabbed fluid from surface to 5800'. Rec. 55 bbls all load oil.

Standing overnight (15 hrs) fluid rose to 4525 (or 1275', or 7.4 bbls), est. 50% water.

Ran swab to 5880'. Rec est. $\frac{1}{2}$ bbl water. Stood 1 hr and swabbed less than $\frac{1}{2}$ bbl water with scum of oil from 5880'.

Reset Baker F.B. cementer at 5713' to swab test intervals 5744-5752 and 6097-6112'.

Swabbing detail:

Time	Depth run	Fluid Level	Tank Gauge		Bbls Swabbed	Type Fluid		
			Before	After				
3:15 p.m.	500'	80	19	19 $\frac{1}{2}$	1.5	Oil	base	mud
3:35	1200'	500	19 $\frac{1}{2}$	21 $\frac{1}{2}$	5.9	"	"	"
4:25 p.m.	1600'	900	21 $\frac{1}{2}$	25	10	"	"	"
4:45	1800'	1100	25	26	3	"	"	" with some crude

Total swabbed 20.7 bbls.

Nov. 2, 1956

Stood overnight. Pressure built to 1400 psi on tubing. Flowed approx 6 bbls oil base drlg fluid with considerable gas. Turned to gauge tank 9:00 a.m.

Time	Tank Gauge		Bbls	%Mud	% Emuls.	%Water	Gas Rate	
	Before	After						
9:30	0	12"	33					
9:30-11:30	12"	17"	13.75	-	22	-		Not measured
11:30-1:30	17"	17.5"	1.37	-	19-16%	-		" "
1:30-2:30	17.5"	18"	1.37	2	12	-		" "
2:30-3:30	18"	19"	2.75		30	2		" "

Shut well in at 3:30 p.m. to tie in lines to Rollo separator. Rec approx 52 bbls total fluid, primarily native crude. 12-30% emulsion. Load oil originally displaced to zone equals 107 bbl however an unknown amount was recovered on previous attempt to swab zone 5744-5752'. Gas rate not measured because of low fuel gas pressure - unable to heat fluid to put thru Rollo. Estimated gas rate 200 MCF/D.

Nov. 3, 1956

After standing overnight flowed well 2 hrs in attempt to bleed pressure down sufficiently to pump oil base drlg fluid in tubing to kill well. Recovered small amount of fluid (insufficient amount to gauge) cutting 2% mud, 2% water and 8% emulsion. Pressure build rapidly to 1400 psi when shut in. Called Halliburton to kill well. Displaced Ken oil drlg fluid equal to approx volume of tubing. Final pressure 1500 psi.

Nov. 4, 1956

WELL NO.: 14-23A (50)

PROPERTY: Section 23

RED WASH FIELD

After standing overnight well had 1800 psi tubing pressure. Bled pressure to 0 psi. Bled off gas and air (air pumped in with oil base mud while attempting to kill well - unable to properly prime pump.) Well blew very lightly after pressure bled off. Spent 3 hrs attempting to start draw works motor, during this period removed WKM valve and installed Halliburton plug valve on 8" pup jt to permit unseating Baker packer. After drawworks in operation could not unseat packer. Packer moved down the hole. Unable to add tubing jt as well would flow. Killed well by pumping Ken oil down tubing. Unseated Baker cementer, circulated Ken oil to kill well.

Nov. 7, 1956

Landed 2 1/2" tubing at 6013' as follows:

Bottom	1	jt	30.61'	2 1/2" U.E. 615# perfd jt 8" perfd starting 4' below top of jt (orange peeled bottom)
Next	2	jts	12.24	2 1/2" U.E. tbg
Next			1.41	2 1/4" 45 FSN (Axelson)
Next	191	jts	5956.09	2 1/2" U.E. 6.5# J-55 new tubing
Top			0.95	Boll weavil hanger
			<u>6001.30</u>	
			12.20	below original K.B. measuring
Depth landed			<u>6013.50</u>	

Displaced Ken oil with burner fuel.

Nov. 8, 1956

Made 12 runs with swab - swabbing out approx 100 bbls burner fuel when well began to flow. Shut well in and released contractor 4:00 p.m. Nov. 8, 1956.

R. D. LOCKE

STANDARD OIL COMPANY OF CALIFORNIA

FIELD: Red Wash

PROPERTY: Section 23A

WELL NO: 14-23A (50)

Sec. 23 T. 7S R. 23E S. 1. B. & M.

Following is complete and correct record of all work done on the well since the previous record dated February 28, 1957

PURPOSE OF WORK: To exclude gas.

DATE OF REPORT:

BY C. V. Chatterton
Supt. Producing Department

WORK DONE BY: R & R Well Service

COMMENCED OPERATIONS: 2-14-59

COMPLETED OPERATIONS: 2-20-59

DATE WELL LAST PRODUCED: May 12, 1958

DATE RETURNED TO PRODUCTION: 2-21-59

PRODUCTION:

PRIOR TO WORK

AFTER WORK

Oil	<u>47</u>	B/D	<u>197</u>	B/D
Water	<u>0</u>	B/D	<u>74</u>	B/D
Gas	<u>467</u>	Mcf/D	<u>132</u>	Mcf/D
Gravity	<u>26.0</u>	°API	<u>284</u>	°API
Tubing	<u>100</u>	PSIG	<u>200</u>	PSIG
Casing	<u>840</u>	PSIG	<u>200</u>	PSIG
Method of Production: Pumping	<u>x</u>		<u>x</u>	
Flowing				
Gas Lift				

SUMMARY

T.D.: 6245'

Effective Depth: 5648'

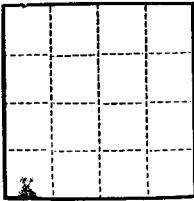
Casing: 7", 23#, J-55 & N-80 cemented @ 6229'. C.P.'d 5600-5603 Bridge plug set @ 5650 Capped w/cement to 5648.

Perforations: 5444-5464 5533-5538 5571-5581 Interval 5744-5752 and 6097-6112 are below Bridge plug and excluded from well.

Tubing: KB to Tbg head	12.00	
Top 176 jts	5491.62	2 1/2" EUE 6.5# J-55 tbg.
Next PSN	1.10	
Next 1 - 4' & 1 - 8' Pup	12.00	2 1/2" EUE 6.5# J-55 tbg.
Gas Anchor	30.00	2 1/2" EUE slotted gas anchor
	<u>5546.72</u>	

Plug: Cast Iron Bridge plug at 5650' Capped with cement to 5648'

Form 9-831a
(Feb. 1961)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office alt Lake City
Lease No. U-0599
Unit Red Wash

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	X	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			
Notice of " <u>Include Gas</u> ".....	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. 14-23A is located 660 ft. from 1000 line and 750 ft. from 1000 line of sec. 23
1/4 (1/4 Sec. and Sec. No.) 23 (Twp.) 7E (Range) 35N Meridian)
Red Wash (Field) Utah or Subdivision) Utah State or Territory)

The elevation of the derrick floor above sea level is 5331.2 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

1. Set cast iron bridge plug on tubing @ 5640'.
2. Run dump boiler and dump three sack cement on bridge plug @ 5650'.
3. Run tubing and rods and place well on production.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Standard Oil Company of California, Western Operations, Inc.

Address P. O. Box 455
Vernal, Utah

By C. V. Chatterton

Title District Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIP
(Other instruction
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-0559

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

7. UNIT AGREEMENT NAME

Red Wash

8. FARM OR LEASE NAME

9. WELL NO.

50 (14-23A)

10. FIELD AND POOL, OR WILDCAT

Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec 23, T7S, R22E SLBM

12. COUNTY OR PARISH 18. STATE

Uintah

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR
P. O. Box 599, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
660' FSL & 760' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

DF 5331.2

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well was cleaned out, perforated and acidized as follows:

- 1 - MIR & RU. RD well head. NU BOPE. POOH w/tbg.
- 2 - RIH w/bit and casing scraper. CO to 5648.
- 3 - RU oil well perforators and perforated as per the attached.
- 4 - Acidized well as per the attached.
- 5 - RIH w/tbg assembly, rods and pump.
- 6 - Placed well on production.

- 3 - USGS
- 2 - State
- 3 - Partners
- 1 - JCB
- 1 - DLD
- 1 - Sec 723
- 1 - File

No additional surface disturbances required for this activity.

18. I hereby certify that the foregoing is true and correct

SIGNED

J. J. Lunn

TITLE Engineering Assistant

DATE Nov. 8, 1978

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

WELL NAME: RWU 50 (14-23A)

FIELD: Red Wash

COMPLETED PERFORATING PROCEDURE

1. Depth, number and size of shots (or depths of rips): 3 shots per foot
5588-90

2. Company doing work: Oil well perforations

3. Date of work: September 28, 1978

4. Additional surface disturbances: None

5. Production after work:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
10/9	18	-	113
10/10	30	8	120
10/11	29	-	117
10/12	41	-	158
10/13	38	-	161
10/16	44	-	164

WELL NAME RWU 50 (14-32A)

FIELD NAME Red Wash

COMPLETED TREATMENT PROCEDURE

1. Size and type of treatment: 500 gals 7% HCl and 1300 gals 15% HCl
2. Intervals treated: 5588-90, 5533-38, 5444-64
3. Treatment down casing or tubing. Tubing
4. Methods used to localize effects: Benzoic acid flakes were used as diverting agents. Plug and packer set to straddle zones.
5. Disposal of treating fluid: Spent acid was swabbed back.
6. Depth to which well was cleaned out: 5648
7. Time spent bailing and cleaning out: 5 days
8. Date of work: September 23-27, 1978
9. Company who performed work: Dowell and Western
10. Production interval: 5444-64, 5533-38 and 5571-81
11. Status and production before treatment:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
1/78	34	4	47
2/78	35	4	44

12. Status and production after treatment:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
10/9	18	-	113
10/10	30	8	120
10/11	29	-	117
10/12	41	-	158
10/13	38	-	161
10/16	44	-	164

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR
P. O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 660' FSL & 760' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE
U-0559

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.
50 (14-23A)

10. FIELD OR WILDCAT NAME
Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 23, T7S, R22E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
DF 5331.2

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON*

(other)

RECEIVED
MAY 8 1980

(NOTE: Report results of multiple completion or change on Form 9-331-C)

DIVISION OF
OIL, GAS & MINING

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

It is proposed to acidize well as follows:

1. MI & RU. Hot oil annulus & tbq. ND tree. NU BOPE. POOH w/rods, pump & tbq.
2. RIH w/bit, csg scraper & workstring to CO to 5648'. Circ hole clean w/2% KCL wtr. POOH.
3. RIH w/RBP, pkr & workstring.
4. Acidize. See attached.
5. RIH w/tbg, pump & rods.
6. Place well on production.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: 3/31/80

BY: *[Signature]*

5-USGS
2-State
3-Partners
1-JCB
1-Sec 723
1-File

Verbal approval given by Bill Martens 3/20/80.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.
For this activity. _____
directional surface disturbances required

18. I hereby certify that the foregoing is true and correct

SIGNED *[Signature]* TITLE Engineering Asst. DATE March 21, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

WELL NAME: 50 (14-23A)

FIELD: Red Wash

PROPOSED TREATMENT PROCEDURE

1. Objective: To produce oil in the lower zones.
2. Size and type of treatment: 1850 gal 15% HCL acid.
3. Intervals to be treated: 5590-5444.
4. Treatment down casing or tubing: Tubing.
5. Method of localizing its effects: Benzoic acid flakes.
6. Disposal of treating fluid: Spent acid will be swabbed back.
7. Name of company to do work: Dowell, Halliburton or Western.
8. Anticipated additional surface disturbances: None.
9. Estimated work date: March 25, 1980.
10. Present status, current production and producing interval:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
3/80	Shut-In		

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR
P. O. Box 599 Denver, Colo. 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 660' FSL & 760' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <input type="checkbox"/>	<input type="checkbox"/>

5. LEASE
U-0559

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.
50 (14-23A)

10. FIELD OR WILDCAT NAME
Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
S. 23, T7S, R22E

12. COUNTY OR PARISH Uintah	13. STATE UTAH
--------------------------------	-------------------

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
DF 5331.2

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well was acidized as follows:

1. MI & RU. Hot oiled annulus & tbg. ND tree. NU BOPE. POOH w/rods, pump & tbg.
2. RIH w/bit, scraper & workstring. CO to 5635. Circ hole clean w/2% KCl. POOH.
3. RIH w/RBP, pkr & work string.
4. Acidized. See attached
5. RIH w/tbg, pump & rods.
6. Placed well on production.

- 3 - USGS
- 2 - State
- 3 - Partners
- 1 - JCB
- 1 - Sec. 723
- 1 - File

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 11/15/01 BY 60322 UCBAW

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Yolanda J. Raman TITLE Engr. Assistant DATE 5/3/80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

WELL NAME RWU #50 (14-23A)

FIELD NAME Red Wash

COMPLETED TREATMENT PROCEDURE

1. Size and type of treatment: 1850 gal 15% HCl
2. Intervals treated: 5444-64, 5571-90, 5533-38
3. Treatment down casing or tubing: tubing
4. Methods used to localize effects: ball sealers
5. Disposal of treating fluid: spent acid was swabbed back.
6. Depth to which well was cleaned out: 5635
7. Date of work: 3/30/80
8. Company who performed work: Western
9. Production interval:
10. Status and production before treatment:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
3/80	8		37

11. Status and production after treatment:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
4/80	20		115

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR
P.O. Box 599, Denver, CO. 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 660' FSL & 760' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-0559

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.
50 (14-23A)

10. FIELD OR WILDCAT NAME
Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 23, T7S, R22E

12. COUNTY OR PARISH | 13. STATE
Uintah | Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
DF 5331.2

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input checked="" type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other)		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

It is proposed to acidize the subject well to alleviate a suspected scale problem. A scale inhibitor treatment is included to increase the life of the acid job.

Please see attached procedure.

- 3-USGS
- 2-State
- 3-Partners
- 1-JCB
- 1-DLD
- 1-Sec 723
- 1-File

No additional surface disturbances required for this activity.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Arlene F. Busch TITLE Engineering Asst. DATE November 9, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

WELL NAME: 50 (14-23A)

FIELD: Red Wash

PROPOSED TREATMENT PROCEDURE

1. Objective: Increase production by 15 BOPD.
2. Size and type of treatment: 1,000 gals 15% HCl
3. Intervals to be treated:
5533 - 90
4. Treatment down casing or tubing: Casing
5. Method of localizing its effects: Ball Sealers evenly distributed throughout acid.
6. Disposal of treating fluid: Swab spent acid to frac tank.
7. Name of company to do work: Halliburton, Dowell or Western
8. Anticipated additional surface disturbances: None
9. Estimated work date: 11/15/82
10. Present status, current production and producing interval:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
9/82	±4	-	±103

RECEIVED
NOV 15 1982

DIVISION OF
OIL, GAS & MINING

RWU NO. 50 (14-23A)
RED WASH/WEST AREA
CRD2-2998
October 29, 1982
Page 2

Workover Procedures

1. POOH w/ rods, pump, and tubing.
2. CO to PBTD.
3. Isolate perfs 5533-90 and acidize w/ 1000 gal 15% HCl w/ 10 gal/M FE-1A iron sequestering agent, 50 gal/M Parasperse paraffin dispersant, 2 gal/M Tri-S surfactant, 5 gal/M HC-2 suspending agent, 50 #/M Spacer-Sperse dispersant, and 2 gal/M HAI-55 corrosion inhibitor. Evenly distribute 75 ball sealers throughout the acid. (Note squeezed perfs @ 5600-03).
4. Swab back acid load.
5. Pump scale inhibitor treatment as follows:
10 bbl of a 10% solution of Nalco # 9DS-087 mixed w/ produced water
25 bbl produced water
100 bbl produced water mixed w/ 4 lb CaCl₂/bbl water
flush to top perf w/ produced water
6. Isolate perfs 5444-64 and acidize w/ 1000 gal 15% HCl w/ additives and ball sealers as in step 3.
7. Swab back acid load.
8. Repeat step 5 w/ water volume changed to 120 bbl.
9. RIH w/ production string and turn well over to RW production.

RECEIVED
FEB 10 1983

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

**DIVISION OF
OIL GAS & MINING**

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR
P. O. Box 599, Denver, Co. 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 660' FSL & 760' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-0559

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.
50 (14-23A)

10. FIELD OR WILDCAT NAME

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 23, T7S, R22E

12. COUNTY OR PARISH Uintah 13. STATE Ut.

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
DF 5331.2'

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input checked="" type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)	<input type="checkbox"/>		<input type="checkbox"/>

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well was acidized to alleviate a suspected scale problem.

1. MIRU, POOH W/PMP & RODS, ND TREE, NU BOPE.
2. MADE RUN W/BIT & SCRPR. TGD FILL @ 5628'. RIH W/RBP & PKR TO 5403'.
3. ACIDIZE PERFS: 5590-5533' W/100 GALS 15% HCl (See Details) SWBD PERFS.
4. PERFORM SCALE INHIBITOR TREATMENT USING 10% SOLUTION OF NALCO #9D-087 AND FORMATION WTR.
5. ACIDIZE PERFS 5444-64 W/1000 GALS 15% HCl (See Detail Sheet). SWBD PERFS.
6. PERFORM SCALE INHIBITOR TREATMENT USING 10% SOLUTION OF NALCO #9DS-087 & FORMATION WTR.
7. POOH W/PKR & RBP. RIH W/PROD. STRING. RIH W/RODS & PMP. RD. MOL.

3-MMS
2-State
3-Partners
1-Fld Foreman
1-Sec. 723
1-File

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNATURE *Eric M. Leonard* TITLE Engineering Asst. DATE February 10, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

WELL NAME: RWU 50 (14-23A)

FIELD NAME Red Wash Unit

COMPLETED TREATMENT PROCEDURE

1. Size and type of treatment: 2000 gal 15% HCl
2. Intervals treated: 5533-38, 5571-81, 5588-90'
5444-64
3. Treatment down casing or tubing: TBG
4. Methods used to localize effects: BENZOIC ACID FLAKES AND BALL SEALERS WERE USED AS DIVERTING AGENTS.
5. Disposal of treating fluid: SPENT ACID WAS SWBD TO FRAC TANK.
6. Depth to which well was cleaned out: PBTB 5648'.
7. Date of work: 12-2-82
8. Company who performed work:
9. Production interval: 5533-5590', 5444-64'.
10. Status and production before treatment:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
9/82	± 4	-	±103

11. Status and production after treatment:

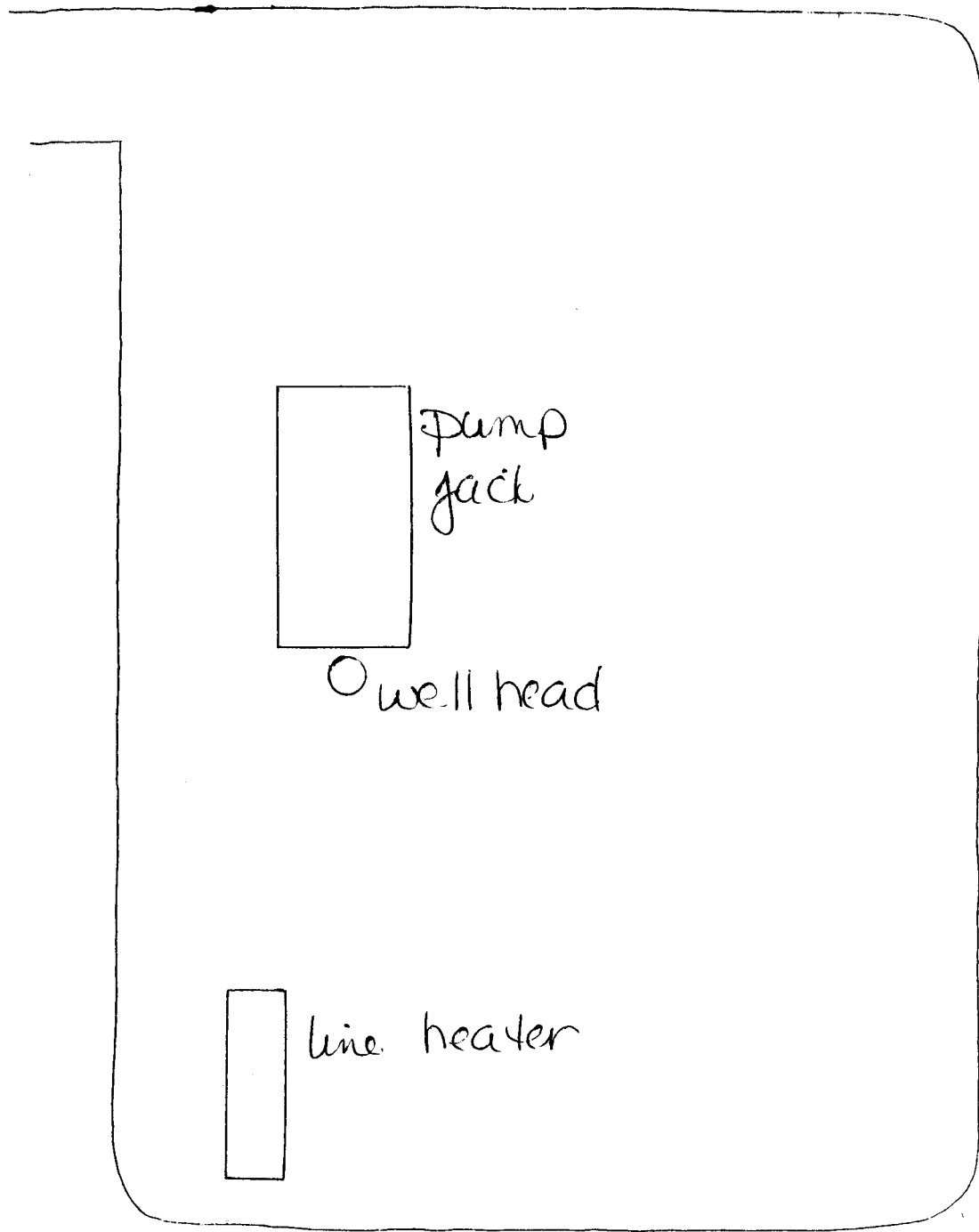
<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
12/82	4098	877	33,524

15176

Rw 50

Sec 23, T7S, R22E

Hubly 5/8/89



pump
jack

○ well head

line heater

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
 Well Well Other

2. Name of Operator
CHEVRON U.S.A. PRODUCTION COMPANY

3. Address and Telephone No.
11002 E. 17500 S. VERNAL, UT 84078-8526
Steve McPherson in Red Wash (801) 781-4310
or Gary Scott in Rangely, CO. (970) 675-3791

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FSL & 760' FWL (SW SW) SECTION 23, T7S, R22E, SLBM.

5. Lease Designation and Serial No.
U-0559

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
RED WASH UNIT

8. Well Name and No.
RED WASH UNIT 50

9. API Well No.
43-047-15176

10. Field and Pool, or Exploratory Area
RED WASH - GREEN RIVER

11. County or Parish, State
UINTAH, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

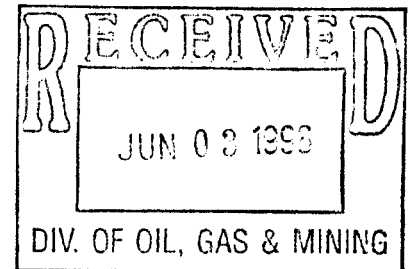
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

DATE OF WORK: 5/9/96 THRU 5/10/96 ✓

- MIRU.
- POOH WITH PRODUCTION EQUIPMENT.
- RIH WITH SCRAPER TAGGING FISH TOP @ 5536'.
- POOH WITH SCRAPER.
- SET 7" CIBP @ 5525' WITH 10' CEMENT. PBTB @ 5515'.
- HYDROTEST PRODUCTION STRING IN HOLE. ALL JOINTS GOOD TO 6000 PSI.
- RIH WITH PUMP.
- RIG DOWN AND RETURN WELL TO PRODUCTION.



14. I hereby certify that the foregoing is true and correct.
Signed G.D. SCOTT *H.O. Scott* Title DRILLING TECHNICIAN Date May 29, 1996

(This space for Federal or State office use)

Approved by: _____ Title _____

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other MULTIPLE WELLS SEE ATTACHED LIST

2. Name of Operator
CHEVRON U.S.A. INC.

3. Address and Telephone No
11002 E. 17500 S. VERNAL, UT 84078-8526 (801) 781-4300

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name
 N/A

7. If Unit or CA, Agreement Designation
**RED WASH UNIT
I-SEC NO 761**

8. Well Name and No.

9. API Well No.

10. Field and Pool, or Exploratory Area
RED WASH - GREEN RIVER

11. County or Parish, State
UINTAH, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>CHANGE OF OPERATOR</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

**As of January 1, 2000 Chevron U.S.A. INC. resigns as Operator of the Red Wash Unit.
The Unit Number is I-SEC NO 761 effective October 31, 1990.**

**The successor operator under the Unit Agreement will be
Shenandoah Energy Inc.
475 17th Street, Suite 1000
Denver, CO 80202**

Agreed and accepted to this 29th day of December, 1999

Shenandoah Energy Inc.
By: Mitchell L. Solich
Mitchell L. Solich
President

**RECEIVED
DEC 30 1999
DIVISION OF OIL, GAS & MINING**

14. I hereby certify that the foregoing is true and correct.
 Signed A. E. Wacker A. E. Wacker Title Assistant Secretary Date 12/29/99

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____

Conditions of approval, if any _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH		4-KAS
2. CDW	✓	5-SJP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

X Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective: 01-01-2000

FROM: (Old Operator):
 CHEVRON USA INC
 Address: 11002 E. 17500 S.
 VERNAL, UT 84078-8526
 Phone: 1-(435)-781-4300
 Account No. N0210

TO: (New Operator):
 SHENANDOAH ENERGY INC
 Address: 11002 E. 17500 S.
 VERNAL, UT 84078
 Phone: 1-(435)-781-4300
 Account N4235

CA No. **Unit: RED WASH**

WELL(S)

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
RWU 39 (14-24A)	43-047-15166	5670	24-07S-22E	FEDERAL	OW	TA
RWU 35 (43-13B)	43-047-15162	5670	13-07S-23E	FEDERAL	OW	TA
RWU 36 (32-13B)	43-047-15163	5670	13-07S-23E	FEDERAL	GW	P
RWU 41 (34-13B)	43-047-15168	5670	13-07S-23E	FEDERAL	OW	P
RWU 33 (14-14B)	43-047-15160	5670	14-07S-23E	FEDERAL	GW	S
RWU 51 (12-16B)	43-047-15177	5670	16-07S-23E	STATE	OW	P
RWU 43 (12-17B)	43-047-15170	5670	17-07S-23E	FEDERAL	OW	P
RWU 52 (14-18B)	43-047-15178	5670	18-07S-23E	FEDERAL	OW	TA
RWU 4 (41-22B)	43-047-15137	5670	22-07S-23E	FEDERAL	OW	TA
RWU 38 (14-23B)	43-047-15165	5670	23-07S-23E	FEDERAL	OW	P
RWU 5 (41-23B)	43-047-15138	5670	23-07S-23E	FEDERAL	OW	P
RWU 50 (14-23A)	43-047-15176	5670	23-07S-22E	FEDERAL	OW	P
RWU 40 (21-24B)	43-047-15167	5670	24-07S-23E	FEDERAL	OW	TA
RWU 37 (41-25B)	43-047-15164	5670	25-07S-23E	FEDERAL	GW	PA
RWU 49 (12-29B)	43-047-15175	5670	29-07S-23E	FEDERAL	OW	TA
RWU 313	43-047-32630	5670	20-07S-24E	FEDERAL	GW	PA
RWU 46 (41-21C)	43-047-15173	5670	21-07S-24E	FEDERAL	GW	P
RWU 311	43-047-32628	5670	26-07S-24E	FEDERAL	OW	PA
RWU 314	43-047-32626	5670	29-07S-24E	FEDERAL	GW	PA
RWU 42 (21-29C)	43-047-15169	5670	29-07S-24E	FEDERAL	GW	P
RWU 44 (32-33C)	43-047-15171	5670	33-07S-24E	FEDERAL	GW	P
RWU 312	43-047-32595	5670	34-07S-24E	FEDERAL	GW	PA

OPERATOR CHANGES DOCUMENTATION

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12-30-1999
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 08-09-2000

3. The new company has been checked through the **Department of Commerce, Division of Corporations Database on:** 08-23-2000
4. Is the new operator registered in the State of Utah: YES Business Number: 224885
5. If **NO**, the operator was contacted on: _____
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 02/04/2000
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 02/04/2000
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC") Proj:** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 09/25/2000
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 09/25/2000
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: 159261960

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on:

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 03-09-01

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filed in each well file on: _____

COMMENTS:



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

RECEIVED

FEB 07 2000

DIVISION OF
OIL, GAS AND MINING

IN REPLY REFER TO
UT-931

February 4, 2000

Shenandoah Energy Inc.
Attn: Rae Cusimano
475 17th Street, Suite 1000
Denver, Colorado 80202

Re: Red Wash Unit
Uintah County, Utah

Gentlemen:

On December 30, 1999, we received an indenture whereby Chevron U.S.A. Inc. resigned as Unit Operator and Shenandoah Energy Inc. was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 4, 2000. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Red Wash Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0969 will be used to cover all operations within the Red Wash Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

cc: Chevron U.S.A. Inc.

bcc: Field Manager - Vernal (w/enclosure)
Division of Oil, Gas & Mining
Minerals Adjudication Group U-932
File - Red Wash Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

UT931:TAThompson:tt:2/4/00

Well Status Report
Utah State Office
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
UTU0559	4304731581	293 (22-22A) RED WAS	SE	22	T 7S	R22E	OSI	CHEVRON U S A INCORPORATED
UTU02148	4304731582	294 (24-18C) RED WAS	SE	18	T 7S	R24E	PGW	CHEVRON U S A INCORPORATED
UTU081	4304731577	295 (11-22B) RED WAS	NW	22	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0566	4304731578	296 (12-35B) RED WAS	SW	35	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU081	4304731579	297 (24-15B) RED WAS	SE	15	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0566	4304731679	298 (22-27B) RED WAS	SE	27	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0116	4304733018	299	SW	18	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU082	4304715136	3 (34-23B) RED WASH	SW	23	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU081	4304715157	30 (23-13B) RED WASH	NE	13	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU081	4304731682	301 (43-15B) RED WAS	NE	15	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU082	4304731683	302 (22-24B) RED WAS	SE	24	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0116	4304731819	303 (34-17B) RED WAS	SW	17	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0830	4304732538	305	NE	4	T 8S	R24E	PGW	CHEVRON U S A INCORPORATED
UTU093	4304732629	306	NE	23	T 7S	R24E	POW	CHEVRON U S A INCORPORATED
STATE	4304732632	307	SW	16	T 7S	R24E	ABD	CHEVRON U S A INCORPORATED
UTSL071965	4304732627	308	SE	28	T 7S	R24E	P+A	CHEVRON U S A INCORPORATED
UTU081	4304715158	31 (34-22B) RED WASH	SW	22	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTSL071965	4304732628	311	NE	26	T 7S	R24E	P+A	CHEVRON U S A INCORPORATED
UTSL071963	4304732595	312	SW	34	T 7S	R24E	ABD	CHEVRON U S A INCORPORATED
UTU02149	4304732630	313	NE	20	T 7S	R24E	ABD	CHEVRON U S A INCORPORATED
UTSL071965	4304732626	314	SE	29	T 7S	R24E	ABD	CHEVRON U S A INCORPORATED
UTU081	4304715160	33 (14-14B) RED WASH	SW	14	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU081	4304715161	34 (23-14B) RED WASH	NE	14	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU081	4304715162	35 (43-13B) RED WASH	NE	13	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU081	4304715163	36 (32-13B) RED WASH	SW	13	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0823	4304715164	37 (41-25B) RED WASH	NE	25	T 7S	R23E	ABD	CHEVRON U S A INCORPORATED
UTU082	4304715165	38 (14-23B) RED WASH	SW	23	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0561	4304715166	39 (14-24A) RED WASH	SW	24	T 7S	R22E	TA	CHEVRON U S A INCORPORATED
UTU081	4304715137	4 (41-22B) RED WASH	NE	22	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU082	4304715167	40 (21-24B) RED WASH	NW	24	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU081	4304715168	41 (34-13B) RED WASH	SW	13	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTSL071965	4304715169	42 (21-29C) RED WASH	NW	29	T 7S	R24E	PGW	CHEVRON U S A INCORPORATED
UTU0116	4304715170	43 (12-17B) RED WASH	SW	17	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0829	4304715171	44 (32-33C) RED WASH	SW	33	T 7S	R24E	PGW	CHEVRON U S A INCORPORATED
UTU02030	4304715172	45 (23-30B) RED WASH	NE	30	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU080	4304715173	46 (41-21C) RED WASH	NE	21	T 7S	R24E	PGW	CHEVRON U S A INCORPORATED
UTU02030	4304715174	48 (32-19B) RED WASH	SW	19	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU02025	4304715175	49 (12-29B) RED WASH	SW	29	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU082	4304715138	5 (41-23B) RED WASH	NE	23	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0559	4304715176	50 (14-23A) RED WASH	SW	23	T 7S	R22E	POW	CHEVRON U S A INCORPORATED
STATE	4304715177	51 (12-16B) RED WASH	SW	16	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0116	4304715178	52 (14-18B) RED WASH	SW	18	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0561	4304715179	53 (41-25A) RED WASH	NE	25	T 7S	R22E	POW	CHEVRON U S A INCORPORATED
UTU0559	4304715181	55 (41-21A) RED WASH	NE	21	T 7S	R22E	P+A	CHEVRON U S A INCORPORATED
UTU02030	4304715182	56 (41-28B) RED WASH	NE	28	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU02148	4304715183	57 (12-18C) RED WASH	SW	18	T 7S	R24E	POW	CHEVRON U S A INCORPORATED
UTU082	4304716477	59 (12-24B) RED WASH	SW	24	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU0567	4304716482	6 (41-21B) RED WASH	NE	21	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU02025	4304715184	60 (43-30B) RED WASH	NE	30	T 7S	R23E	TA	CHEVRON U S A INCORPORATED

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

2/1/2003

FROM: (Old Operator): N4235-Shenandoah Energy Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341	TO: (New Operator): N2460-QEP Uinta Basin Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341
----------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------

CA No.

Unit:

RED WASH

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	Confid
RWU 70 (23-22A)	22	070S	220E	4304715192	5670	Federal	OW	P	
RWU 50 (14-23A)	23	070S	220E	4304715176	5670	Federal	OW	P	
RWU 53 (41-25A)	25	070S	220E	4304715179	5670	Federal	OW	TA	
RWU 74 (12-13B)	13	070S	230E	4304715196	5670	Federal	GW	P	
RWU 77 (21-13B)	13	070S	230E	4304715199	5670	Federal	OW	P	
RWU 52 (14-18B)	18	070S	230E	4304715178	5670	Federal	OW	TA	
RWU 66 (34-18B)	18	070S	230E	4304715189	5670	Federal	OW	P	
RWU 63 (21-22B)	22	070S	230E	4304715186	5670	Federal	GW	TA	
RWU 67 (42-22B)	22	070S	230E	4304715190	5670	Federal	OW	TA	
RWU 8 (32-22B)	22	070S	230E	4304715139	5670	Federal	OW	P	
RWU 75 (21-26B)	26	070S	230E	4304715197	5670	Federal	OW	TA	
RWU 64 (32-27B)	27	070S	230E	4304715187	5670	Federal	OW	TA	
RWU 69 (21-27B)	27	070S	230E	4304715191	5670	Federal	OW	TA	
RWU 72 (23-27B)	27	070S	230E	4304715194	5670	Federal	OW	TA	
RWU 79 (12-27B)	27	070S	230E	4304715201	5670	Federal	OW	TA	
RWU 80 (14-27B)	27	070S	230E	4304715202	5670	Federal	OW	P	
RWU 78 (32-28B)	28	070S	230E	4304715200	5670	Federal	OW	P	
RWU 57 (12-18C)	18	070S	240E	4304715183	5670	Federal	OW	P	
RWU 71 (21-18C)	18	070S	240E	4304715193	5670	Federal	OW	P	
RWU 76 (32-18C)	18	070S	240E	4304715198	5670	Federal	GW	S	

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/2/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/2/2003
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/19/2003
- Is the new operator registered in the State of Utah: YES Business Number: 5292864-0151
- If **NO**, the operator was contacted on: _____

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 7/21/2003

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 7/21/2003

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 8/28/2003

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/28/2003

3. Bond information entered in RBDMS on: n/a

4. Fee wells attached to bond in RBDMS on: n/a

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: 965-003-032

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: ESB000024

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 799446

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 965-003-033

2. The **FORMER** operator has requested a release of liability from their bond on: n/a
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:



May 28, 2003

Division of Oil, Gas, & Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Attention: John Baza/Jim Thompson

Gentlemen:

This will serve as notice that through the internal corporate changes described below, activities formerly conducted in the name of either Shenandoah Operating Company, LLC (SOC) and/or Shenandoah Energy, Inc. (SEI) will hereafter be conducted in the name of QEP Uinta Basin, Inc.: i) the Shenandoah entities were purchased in July, 2001 by Questar Market Resources, Inc., which is a mid-level holding company for the non-utility businesses of Questar Corporation, ii) Shenandoah Operating Company, LLC has now been merged into Shenandoah Energy, Inc. (SEI), iii) Shenandoah Energy, Inc. has now been re-named **QEP Uinta Basin, Inc.** pursuant to a State of Delaware Amended and Restated Certificate of Incorporation, iv) the same employees will continue to be responsible for operations of the former SOC and SEI properties, both in the field and in the office. Accordingly, the change involves only an internal corporate name change and no third party change of operator is involved. Please alter your records to reflect the entity name change. Attached is a spreadsheet listing all wells affected by this change.

Should you have any questions, please call me at 303 - 308-3056.

Yours truly,

Frank Nielsen
Division Landman

Enclosure

RECEIVED

JUN 02 2003

DIV. OF OIL, GAS & MINING

SEI (N4235) to QEP (N2460) RED WASH UNIT

well_name	Sec	T	R	api	Entity	Lease Type	type	stat
RED WASH 22-21B	21	070S	230E	4304733522	5670	Federal	OW	TA
RED WASH 24-20B	20	070S	230E	4304733523	5670	Federal	OW	P
RED WASH 305 (41-4F)	04	080S	240E	4304732538	5670	Federal	GW	TA
RED WASH 306	23	070S	240E	4304732629	5670	Federal	GW	P
RED WASH 44-19B	19	070S	230E	4304733524	5670	Federal	OW	P
RED WASH 44-20B	20	070S	230E	4304733525	5670	Federal	OW	P
RWU 1 (41-26B)	26	070S	230E	4304715135	5670	Federal	OW	TA
RWU 10 (12-23B)	23	070S	230E	4304715141	5670	Federal	OW	TA
RWU 101 (34-21B)	21	070S	230E	4304715220	5670	Federal	OW	P
RWU 103 (34-15B)	15	070S	230E	4304715222	5670	Federal	OW	P
RWU 108 (32-21B)	21	070S	230E	4304715226	5670	Federal	OW	P
RWU 109 (21-28B)	28	070S	230E	4304715227	5670	Federal	OW	P
RWU 110 (23-23A)	23	070S	220E	4304715228	5670	Federal	OW	P
RWU 111 (32-24A)	24	070S	220E	4304715229	5670	Federal	OW	TA
RWU 112 (32-28A)	28	070S	220E	4304715230	5670	Federal	OW	P
RWU 115 (21-19B)	19	070S	230E	4304715233	5670	Federal	OW	P
RWU 119 (43-29A)	29	070S	220E	4304715236	5670	Federal	OW	P
RWU 120 (23-28B)	28	070S	230E	4304715237	5670	Federal	OW	TA
RWU 121 (13-13B)	13	070S	230E	4304715238	5670	Federal	GW	P
RWU 122 (24-14B)	14	070S	230E	4304715239	5670	Federal	OW	P
RWU 125 (34-19B)	19	070S	230E	4304715242	5670	Federal	OW	TA
RWU 126 (41-29A)	29	070S	220E	4304715243	5670	Federal	OW	P
RWU 127 (12-19B)	19	070S	230E	4304715244	5670	Federal	OW	TA
RWU 129 (14-15B)	15	070S	230E	4304715246	5670	Federal	OW	P
RWU 13 (14-22B)	22	070S	230E	4304715143	5670	Federal	OW	TA
RWU 133 (41-34B)	34	070S	230E	4304715250	5670	Federal	OW	P
RWU 136 (43-19B)	19	070S	230E	4304715252	5670	Federal	OW	TA
RWU 137 (34-28B)	28	070S	230E	4304715253	5670	Federal	GW	TA
RWU 138 (41-30B)	30	070S	230E	4304715254	5670	Federal	OW	P
RWU 140 (24-22B)	22	070S	230E	4304715255	5670	Federal	OW	P
RWU 141 (11-27B)	27	070S	230E	4304715256	5670	Federal	OW	TA
RWU 143 (33-14B)	14	070S	230E	4304715257	5670	Federal	OW	P
RWU 144 (21-18B)	18	070S	230E	4304715258	5670	Federal	OW	TA
RWU 145 (24-13B)	13	070S	230E	4304715259	5670	Federal	OW	TA
RWU 147 (22-22B)	22	070S	230E	4304715260	5670	Federal	OW	TA
RWU 15 (32-17C)	17	070S	240E	4304715145	5670	Federal	OW	P
RWU 151 (42-14B)	14	070S	230E	4304715264	5670	Federal	OW	P
RWU 153 (14-29B)	29	070S	230E	4304715265	5670	Federal	OW	P
RWU 158 (32-30B)	30	070S	230E	4304715268	5670	Federal	OW	P
RWU 160 (32-15B)	15	070S	230E	4304715270	5670	Federal	OW	P
RWU 162 (12-20B)	20	070S	230E	4304715272	5670	Federal	OW	TA
RWU 164 (12-28B)	28	070S	230E	4304715274	5670	Federal	OW	P
RWU 165 (32-26B)	26	070S	230E	4304715275	5670	Federal	GW	TA
RWU 167 (23-21B)	21	070S	230E	4304715277	5670	Federal	OW	S
RWU 168 (23-24B)	24	070S	230E	4304715278	5670	Federal	OW	TA
RWU 172 (21-30B)	30	070S	230E	4304715280	5670	Federal	OW	TA
RWU 176 (31-28B)	28	070S	230E	4304715283	5670	Federal	OW	TA
RWU 177 (42-28B)	28	070S	230E	4304715284	5670	Federal	OW	TA
RWU 178 (22-13B)	13	070S	230E	4304715285	5670	Federal	OW	TA
RWU 180 (31-23B)	23	070S	230E	4304715287	5670	Federal	OW	TA
RWU 181 (34-30B)	30	070S	230E	4304715288	5670	Federal	OW	P
RWU 184 (23-26B)	26	070S	230E	4304715290	5670	Federal	OW	TA
RWU 188 (23-20B)	20	070S	230E	4304715291	5670	Federal	OW	TA
RWU 19 (34-26B)	26	070S	230E	4304715148	5670	Federal	GW	TA
RWU 192 (41-33A)	33	070S	220E	4304715294	5670	Federal	OW	P
RWU 193 (43-24B)	24	070S	230E	4304715295	5670	Federal	GW	S
RWU 194 (12-14B)	14	070S	230E	4304715296	5670	Federal	OW	S
RWU 196 (23-17C)	17	070S	240E	4304715298	5670	Federal	GW	S
RWU 201 (32-28C)	28	070S	240E	4304715302	5670	Federal	GW	P
RWU 204 (23-25A)	25	070S	220E	4304715305	5670	Federal	OW	P
RWU 205 (23-21C)	21	070S	240E	4304715306	5670	Federal	GW	TA
RWU 207	17	070S	230E	4304732738	5670	Federal	OW	P
RWU 21 (32-14B)	14	070S	230E	4304715150	5670	Federal	OW	P
RWU 212 (41-8F)	08	080S	240E	4304720014	5670	Federal	GW	P
RWU 21-24A	24	070S	220E	4304733592	5670	Federal	OW	P

SEI (N4235) to QEP (N2460) RED WASH UNIT

well_name	Sec	T	R	api	Entity	Lease Type	type	stat
RWU 21-25A	25	070S	220E	4304733576	5670	Federal	OW	P
RWU 219 (44-21C)	21	070S	240E	4304730149	5670	Federal	GW	P
RWU 220 (22-23B)	23	070S	230E	4304730192	5670	Federal	OW	TA
RWU 221 (13-27B)	27	070S	230E	4304730199	5670	Federal	OW	TA
RWU 22-13A	13	070S	220E	4304733765	5670	Federal	OW	S
RWU 22-19B	19	070S	230E	4304733559	5670	Federal	OW	P
RWU 222 (31-27B)	27	070S	230E	4304730200	5670	Federal	GW	TA
RWU 22-20B	20	070S	230E	4304733491	5670	Federal	OW	P
RWU 22-25A	25	070S	220E	4304733786	5670	Federal	OW	P
RWU 22-29B	29	070S	230E	4304733766	5670	Federal	OW	S
RWU 224 (44-22B)	22	070S	230E	4304730202	5670	Federal	GW	TA
RWU 225 (13-23B)	23	070S	230E	4304730212	5670	Federal	GW	TA
RWU 226 (24-23B)	23	070S	230E	4304730249	5670	Federal	GW	S
RWU 227 (14-26B)	26	070S	230E	4304730257	5670	Federal	OW	TA
RWU 228 (21-34B)	34	070S	230E	4304730258	5670	Federal	OW	P
RWU 229 (43-26B)	26	070S	230E	4304730259	5670	Federal	OW	TA
RWU 230 (14-18C)	18	070S	240E	4304730309	5670	Federal	OW	TA
RWU 231 (21-35B)	35	070S	230E	4304730310	5670	Federal	OW	TA
RWU 232 (12-26B)	26	070S	230E	4304730311	5670	Federal	OW	TA
RWU 23-24A	24	070S	220E	4304733567	5670	Federal	OW	P
RWU 233 (12-25B)	25	070S	230E	4304730312	5670	Federal	OW	TA
RWU 234 (32-24B)	24	070S	230E	4304730313	5670	Federal	OW	P
RWU 235 (34-18C)	18	070S	240E	4304730314	5670	Federal	OW	P
RWU 236 (21-19C)	19	070S	240E	4304730340	5670	Federal	GW	P
RWU 237 (14-25B)	25	070S	230E	4304730341	5670	Federal	OW	P
RWU 238 (32-35B)	35	070S	230E	4304730342	5670	Federal	OW	TA
RWU 239 (41-35B)	35	070S	230E	4304730343	5670	Federal	OW	TA
RWU 24 (34-14B)	14	070S	230E	4304715152	5670	Federal	OW	P
RWU 240 (12-36B)	36	070S	230E	4304730344	5670	Federal	OW	P
RWU 241 (22-14B)	14	070S	230E	4304730345	5670	Federal	OW	P
RWU 24-18B	18	070S	230E	4304733554	5670	Federal	OW	P
RWU 24-19B	19	070S	230E	4304733492	5670	Federal	OW	P
RWU 242 (42-13B)	13	070S	230E	4304730346	5670	Federal	OW	P
RWU 243 (42-18C)	18	070S	240E	4304730347	5670	Federal	OW	TA
RWU 244 (23-19C)	19	070S	240E	4304730348	5670	Federal	GW	P
RWU 246 (22-18C)	18	070S	240E	4304730387	5670	Federal	OW	P
RWU 247 (22-17C)	17	070S	240E	4304730388	5670	Federal	GW	P
RWU 26 (23-22B)	22	070S	230E	4304715153	5670	Federal	OW	TA
RWU 262 (22-26B)	26	070S	230E	4304730517	5670	Federal	GW	TA
RWU 265 (44-26B)	26	070S	230E	4304730520	5670	Federal	GW	P
RWU 267 (32-17B)	17	070S	230E	4304732981	5670	Federal	OW	P
RWU 27 (43-14B)	14	070S	230E	4304715154	5670	Federal	OW	TA
RWU 270 (22-35B)	35	070S	230E	4304731082	5670	Federal	OW	P
RWU 272 (44-23B)	23	070S	230E	4304731054	5670	Federal	GW	P
RWU 273 (42-27B)	27	070S	230E	4304731051	5670	Federal	OW	TA
RWU 276 (44-27B)	27	070S	230E	4304731053	5670	Federal	OW	TA
RWU 278 (11-26)	26	070S	230E	4304731076	5670	Federal	GW	TA
RWU 28 (43-22B)	22	070S	230E	4304715155	5670	Federal	OW	P
RWU 280 (11-35B)	35	070S	230E	4304731079	5670	Federal	OW	P
RWU 282 (42-26B)	26	070S	230E	4304731080	5670	Federal	GW	TA
RWU 284 (33-23B)	23	070S	230E	4304731476	5670	Federal	GW	TA
RWU 285 (11-24B)	24	070S	230E	4304731477	5670	Federal	OW	P
RWU 286 (42-21B)	21	070S	230E	4304731478	5670	Federal	OW	P
RWU 287 (44-13B)	13	070S	230E	4304731512	5670	Federal	OW	TA
RWU 288 (24-27)	27	070S	230E	4304731513	5670	Federal	OW	TA
RWU 289 (13-24B)	24	070S	230E	4304731517	5670	Federal	OW	P
RWU 29 (32-23B)	23	070S	230E	4304715156	5670	Federal	OW	P
RWU 292 (42-23B)	23	070S	230E	4304731576	5670	Federal	GW	TA
RWU 293 (22-22A)	22	070S	220E	4304731581	5670	Federal	OW	TA
RWU 294 (24-18C)	18	070S	240E	4304731582	5670	Federal	GW	P
RWU 295 (11-22B)	22	070S	230E	4304731577	5670	Federal	GW	TA
RWU 296 (12-35B)	35	070S	230E	4304731578	5670	Federal	OW	P
RWU 297 (24-15B)	15	070S	230E	4304731579	5670	Federal	OW	P
RWU 298 (22-27B)	27	070S	230E	4304731679	5670	Federal	OW	TA
RWU 299 (32-18B)	18	070S	230E	4304733018	5670	Federal	OW	P

SEI (N4235) to QEP (N2460) RED WASH UNIT

well_name	Sec	T	R	api	Entity	Lease Type	type	stat	
RWU 3 (34-23B)	23	070S	230E	4304715136	5670	Federal	OW	P	
RWU 30 (23-13B)	13	070S	230E	4304715157	5670	Federal	GW	TA	
RWU 301 (43-15B)	15	070S	230E	4304731682	5670	Federal	GW	S	
RWU 302 (22-24B)	24	070S	230E	4304731683	5670	Federal	GW	TA	
RWU 303 (34-17B)	17	070S	230E	4304731819	5670	Federal	OW	P	
RWU 31 (34-22B)	22	070S	230E	4304715158	5670	Federal	OW	P	
RWU 33 (14-14B)	14	070S	230E	4304715160	5670	Federal	GW	TA	
RWU 35 (43-13B)	13	070S	230E	4304715162	5670	Federal	OW	TA	
RWU 36 (32-13B)	13	070S	230E	4304715163	5670	Federal	GW	P	
RWU 38 (14-23B)	23	070S	230E	4304715165	5670	Federal	OW	P	
RWU 39 (14-24A)	24	070S	220E	4304715166	5670	Federal	OW	TA	
RWU 4 (41-22B)	22	070S	230E	4304715137	5670	Federal	OW	TA	
RWU 40 (21-24B)	24	070S	230E	4304715167	5670	Federal	OW	TA	
RWU 41 (34-13B)	13	070S	230E	4304715168	5670	Federal	OW	P	
RWU 41-24A	24	070S	220E	4304733769	5670	Federal	OW	P	
RWU 41-25A	25	070S	220E	4304733579	5670	Federal	OW	P	
RWU 42 (21-29C)	29	070S	240E	4304715169	5670	Federal	GW	P	
RWU 42-19B	19	070S	230E	4304733556	5670	Federal	OW	P	
RWU 42-20B	20	070S	230E	4304733490	5670	Federal	OW	P	
RWU 42-24A	24	070S	220E	4304733569	5670	Federal	OW	P	
RWU 42-25A	25	070S	220E	4304733580	5670	Federal	OW	S	
RWU 42-30B	30	070S	230E	4304733771	5670	Federal	OW	P	
RWU 43 (12-17B)	17	070S	230E	4304715170	5670	Federal	OW	P	
RWU 44 (32-33C)	33	070S	240E	4304715171	5670	Federal	GW	P	
RWU 44-18B	18	070S	230E	4304733594	5670	Federal	OW	P	
RWU 44-30B	30	070S	230E	4304733772	5670	Federal	OW	P	
RWU 45 (23-30B)	30	070S	230E	4304715172	5670	Federal	OW	TA	
RWU 46 (41-21C)	21	070S	240E	4304715173	5670	Federal	GW	TA	
RWU 49 (12-29B)	29	070S	230E	4304715175	5670	Federal	OW	TA	
RWU 5 (41-23B)	23	070S	230E	4304715138	5670	Federal	OW	P	
RWU 50 (14-23A)	23	070S	220E	4304715176	5670	Federal	OW	P	
RWU 52 (14-18B)	18	070S	230E	4304715178	5670	Federal	OW	TA	
RWU 53 (41-25A)	25	070S	220E	4304715179	5670	Federal	OW	TA	
RWU 57 (12-18C)	18	070S	240E	4304715183	5670	Federal	OW	P	
RWU 63 (21-22B)	22	070S	230E	4304715186	5670	Federal	GW	TA	
RWU 64 (32-27B)	27	070S	230E	4304715187	5670	Federal	OW	TA	
RWU 66 (34-18B)	18	070S	230E	4304715189	5670	Federal	OW	P	
RWU 67 (42-22B)	22	070S	230E	4304715190	5670	Federal	OW	TA	
RWU 69 (21-27B)	27	070S	230E	4304715191	5670	Federal	OW	TA	
RWU 70 (23-22A)	22	070S	220E	4304715192	5670	Federal	OW	P	
RWU 71 (21-18C)	18	070S	240E	4304715193	5670	Federal	OW	P	
RWU 72 (23-27B)	27	070S	230E	4304715194	5670	Federal	OW	TA	
RWU 74 (12-13B)	13	070S	230E	4304715196	5670	Federal	GW	P	
RWU 75 (21-26B)	26	070S	230E	4304715197	5670	Federal	OW	TA	
RWU 76 (32-18C)	18	070S	240E	4304715198	5670	Federal	GW	S	
RWU 77 (21-13B)	13	070S	230E	4304715199	5670	Federal	OW	P	
RWU 78 (32-28B)	28	070S	230E	4304715200	5670	Federal	OW	P	
RWU 79 (12-27B)	27	070S	230E	4304715201	5670	Federal	OW	TA	
RWU 8 (32-22B)	22	070S	230E	4304715139	5670	Federal	OW	P	
RWU 80 (14-27B)	27	070S	230E	4304715202	5670	Federal	OW	P	
RWU 81 (41-31B)	31	070S	230E	4304715203	5670	Federal	OW	P	
RWU 83 (41-27A)	27	070S	220E	4304715205	5670	Federal	OW	P	
RWU 84 (44-14B)	14	070S	230E	4304715206	5670	Federal	GW	P	
RWU 9 (43-23B)	23	070S	230E	4304715140	5670	Federal	OW	P	
RWU 90 (43-21B)	21	070S	230E	4304715211	5670	Federal	OW	P	
RWU 92 (11-23B)	23	070S	230E	4304715212	5670	Federal	OW	TA	
RWU 94 (12-22A)	22	070S	220E	4304715213	5670	Federal	OW	P	
RWU 99 (12-22B)	22	070S	230E	4304715218	5670	Federal	OW	P	
RED WASH UNIT 259	16	070S	230E	4304732785	5670	State	OW	P	
RED WASH UNIT 260	16	070S	230E	4304732786	5670	State	OW	P	
RWU 51 (12-16B)	16	070S	230E	4304715177	5670	State	OW	P	
RWU ST 189 (41-16B)	16	070S	230E	4304715292	5670	State	OW	P	
RED WASH UNIT 261	17	070S	230E	4304732739	5670	Federal	WI	A	
RWU 100-A (43-21A)	21	070S	220E	4304715219	5670	Federal	WI	A	

SEI (N4235) to QEP (N2460) RED WASH UNIT

well name	Sec	T	R	api	Entity	Lease Type	type	stat
RWU 102 (41-24A)	24	070S	220E	4304715221	5670	Federal	WI	A
RWU 11	27	070S	230E	4304715142	5670	Federal	WI	A
RWU 11-19B	19	070S	230E	4304733552	5670	Federal	WI	A
RWU 11-20B	20	070S	230E	4304733553	5670	Federal	WI	A
RWU 11-25A	25	070S	220E	4304733574	5670	Federal	WI	A
RWU 11-29B	29	070S	230E	4304733590	5670	Federal	WI	A
RWU 11-30B	30	070S	230E	4304733785	5670	Federal	WI	A
RWU 12-24A	24	070S	220E	4304733591	5670	Federal	WI	A
RWU 13-19B	19	070S	230E	4304733497	5670	Federal	WI	A
RWU 13-20B	20	070S	230E	4304733498	5670	Federal	WI	A
RWU 13-25A	25	070S	220E	4304733575	5670	Federal	WI	A
RWU 14 (14-13B)	13	070S	230E	4304715144	5670	Federal	WI	A
RWU 148 (13-22B)	22	070S	230E	4304715261	5670	Federal	WI	A
RWU 150 (31-22B)	22	070S	230E	4304715263	5670	Federal	WI	I
RWU 156 (23-15B)	15	070S	230E	4304715267	5670	Federal	WI	A
RWU 16 (43-28B)	28	070S	230E	4304716475	5670	Federal	WI	I
RWU 161 (14-20B)	20	070S	230E	4304715271	5670	Federal	WI	I
RWU 17 (41-20B)	20	070S	230E	4304715146	5670	Federal	WI	A
RWU 170 (41-15B)	15	070S	230E	4304716495	5670	Federal	WI	I
RWU 173 (21-21B)	21	070S	230E	4304716496	5670	Federal	WI	A
RWU 174 (21-20B)	20	070S	230E	4304715281	5670	Federal	WI	A
RWU 182 (14-21B)	21	070S	230E	4304716497	5670	Federal	WI	A
RWU 183 (33-13B)	13	070S	230E	4304715289	5670	Federal	WI	A
RWU 185 (41-1B)	14	070S	230E	4304716498	5670	Federal	WI	A
RWU 199 (43-22A)	22	070S	220E	4304715301	5670	Federal	WI	A
RWU 2 (14-24B)	24	070S	230E	4304716472	5670	Federal	WI	A
RWU 202 (21-34A)	34	070S	220E	4304715303	5670	Federal	WI	I
RWU 213 (41-33B)	33	070S	230E	4304720060	5670	Federal	WD	A
RWU 215 (43-28A)	28	070S	220E	4304730058	5670	Federal	WI	A
RWU 216 (21-27A)	27	070S	220E	4304730103	5670	Federal	WI	A
RWU 23 (21-23B)	23	070S	230E	4304715151	5670	Federal	WI	A
RWU 23-18C (97)	18	070S	240E	4304715216	5670	Federal	WI	I
RWU 25 (23-23B)	23	070S	230E	4304716476	5670	Federal	WI	A
RWU 258 (34-22A)	22	070S	220E	4304730458	5670	Federal	WI	A
RWU 263 (24-26B)	26	070S	230E	4304730518	5670	Federal	WI	I
RWU 264 (31-35B)	35	070S	230E	4304730519	5670	Federal	WI	A
RWU 266 (33-26B)	26	070S	230E	4304730521	5670	Federal	WI	I
RWU 268 (43-17B)	17	070S	230E	4304732980	5670	Federal	WI	A
RWU 269 (13-26B)	26	070S	230E	4304730522	5670	Federal	WI	I
RWU 271 (42-35B)	35	070S	230E	4304731081	5670	Federal	WI	I
RWU 275 (31-26B)	26	070S	230E	4304731077	5670	Federal	WI	A
RWU 279 (11-36B)	36	070S	230E	4304731052	5670	Federal	WI	A
RWU 283 (43-18B)	18	070S	230E	4304732982	5670	Federal	WI	A
RWU 31-19B	19	070S	230E	4304733555	5670	Federal	WI	A
RWU 31-25A	25	070S	220E	4304733577	5670	Federal	WI	A
RWU 31-30B	30	070S	230E	4304733788	5670	Federal	WI	A
RWU 33-19B	19	070S	230E	4304733499	5670	Federal	WI	A
RWU 33-20B	20	070S	230E	4304733500	5670	Federal	WI	A
RWU 33-25A	25	070S	220E	4304733578	5670	Federal	WI	A
RWU 33-30B	30	070S	230E	4304733790	5670	Federal	WI	A
RWU 34 (23-14B)	14	070S	230E	4304715161	5670	Federal	WI	A
RWU 34-13A	13	070S	220E	4304733593	5670	Federal	WI	A
RWU 34-24A	24	070S	220E	4304733568	5670	Federal	WI	A
RWU 48 (32-19B)	19	070S	230E	4304715174	5670	Federal	WI	I
RWU 56 (41-28B)	28	070S	230E	4304715182	5670	Federal	WI	A
RWU 59 (12-24B)	24	070S	230E	4304716477	5670	Federal	WI	A
RWU 6 (41-21B)	21	070S	230E	4304716482	5670	Federal	WI	A
RWU 61 (12-27A)	27	070S	220E	4304716478	5670	Federal	WI	I
RWU 68 (41-13B)	13	070S	230E	4304716485	5670	Federal	WI	I
RWU 7 (41-27B)	27	070S	230E	4304716473	5670	Federal	WI	I
RWU 88 (23-18B)	18	070S	230E	4304715210	5670	Federal	WI	A
RWU 91 (33-22B)	22	070S	230E	4304716479	5670	Federal	WI	A
RWU 93 (43-27B)	27	070S	230E	4304716480	5670	Federal	WI	I
RWU 324 (23-16B)	16	070S	230E	4304733084	5670	State	WI	I



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

IN REPLY REFER TO
UT-922

June 9, 2003

QEP Uinta Basin, Inc.
1050 17th Street, Suite 500
Denver, Colorado 80265

Re: Red Wash Unit
Uintah County, Utah

Gentlemen:

On May 30, 2003, we received an indenture dated February 1, 2003, whereby Shenandoah Energy, Inc. changed its name and QEP Uinta Basin, Inc. was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective June 9, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Red Wash Unit Agreement.

Your nationwide (Eastern States) oil and gas bond No. B000024 will be used to cover all operations within the Red Wash Unit.

It is requested that you notify all interested parties of the name change of unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
Minerals Adjudication Group
File – Red Wash Unit (w/enclosure)
Agr. Sec. Chron
Fluid Chron

UT922:TAThompson:tt:6/9/03

JUL 07 2003

3104 (932.34)WF
Nationwide Bond ESB000024

NOTICE

QEP Uinta Basin, Inc.
1050 17th Street Suite 500
Denver, Colorado 80265

:
: Oil and Gas
: lease
:

Name Change Recognized

Acceptable evidence has been filed in this office concerning the name change of Shenandoah Energy Incorporated into QEP Uinta Basin, Incorporated. QEP Uinta Basin, Incorporated is the surviving entity. This name change is recognized effective April 17, 2003.

Eastern States will notify the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice.

If you identify other leases in which the merging entity maintain an interest, please contact this office and we will appropriately document those files with a copy of this notice.

If you have any questions, please contact Bill Forbes at 703-440-1536.

S/ Wilbert B. Forbes

Wilbert B. Forbes
Land Law Examiner
Branch of Use Authorization
Division of Resources Planning,
Use and Protection

bc: JFO,MMS, ES RF, 930 RF, 932.34 RF, E-932: wbf:07 /07/03:440-1536/ QEP Uinta Basin
MFU

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

Change of Operator (Well Sold)

X - Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

1/1/2007

FROM: (Old Operator): N2460-QEP Uinta Basin, Inc. 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 672-6900	TO: (New Operator): N5085-Questar E&P Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 672-6900
-------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------

WELL NAME	CA No.	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LISTS					*				

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/31/2005
- Is the new operator registered in the State of Utah: Business Number: 764611-0143
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: n/a
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 4/23/2007 BIA
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on:
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 4/30/2007 and 5/15/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/30/2007 and 5/15/2007
- Bond information entered in RBDMS on: 4/30/2007 and 5/15/2007
- Fee/State wells attached to bond in RBDMS on: 4/30/2007 and 5/15/2007
- Injection Projects to new operator in RBDMS on: 4/30/2007 and 5/15/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 799446
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033
- The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS: THIS IS A COMPANY NAME CHANGE.

SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 1 (41-26B)	RW 41-26B	NENE	26	070S	230E	4304715135	5670	Federal	OW	TA
RWU 3 (34-23B)	RW 34-23B	SWSE	23	070S	230E	4304715136	5670	Federal	OW	P
RWU 4 (41-22B)	RW 41-22B	NENE	22	070S	230E	4304715137	5670	Federal	OW	TA
RWU 5 (41-23B)	RW 41-23B	NENE	23	070S	230E	4304715138	5670	Federal	OW	P
RWU 8 (32-22B)	RW 32-22B	SWNE	22	070S	230E	4304715139	5670	Federal	OW	P
RWU 9 (43-23B)	RW 43-23B	NESE	23	070S	230E	4304715140	5670	Federal	OW	P
RWU 10 (12-23B)	RW 12-23B	SWNW	23	070S	230E	4304715141	5670	Federal	OW	TA
RWU 11	RW 34-27B	SWSE	27	070S	230E	4304715142	99996	Federal	WI	A
RWU 13 (14-22B)	RW 14-22B	SWSW	22	070S	230E	4304715143	5670	Federal	OW	TA
RW 14-13B	RW 14-13B	SWSW	13	070S	230E	4304715144	99996	Federal	WI	A
RWU 15 (32-17C)	RW 32-17C	SWNE	17	070S	240E	4304715145	5670	Federal	OW	P
RWU 17 (41-20B)	RW 41-20B	NENE	20	070S	230E	4304715146	5670	Federal	WI	A
RWU 19 (34-26B)	RW 34-26B	SWSE	26	070S	230E	4304715148	5670	Federal	GW	S
RWU 21 (32-14B)	RW 32-14B	SWNE	14	070S	230E	4304715150	5670	Federal	OW	P
RWU 23 (21-23B)	RW 21-23B	SENE	23	070S	230E	4304715151	99996	Federal	WI	A
RWU 24 (34-14B)	RW 34-14B	SWSE	14	070S	230E	4304715152	5670	Federal	OW	S
RWU 26 (23-22B)	RW 23-22B	NESW	22	070S	230E	4304715153	5670	Federal	OW	TA
RWU 27 (43-14B)	RW 43-14B	NESE	14	070S	230E	4304715154	5670	Federal	OW	TA
RWU 28 (43-22B)	RW 43-22B	NESE	22	070S	230E	4304715155	5670	Federal	OW	P
RWU 29 (32-23B)	RW 32-23B	SWNE	23	070S	230E	4304715156	5670	Federal	OW	P
RW 23-13B	RW 23-13B	NESW	13	070S	230E	4304715157	5670	Federal	GW	TA
RWU 31 (34-22B)	RW 34-22B	SWSE	22	070S	230E	4304715158	5670	Federal	OW	P
RWU 33 (14-14B)	RW 14-14B	SWSW	14	070S	230E	4304715160	5670	Federal	GW	TA
RWU 34 (23-14B)	RW 23-14B	NESW	14	070S	230E	4304715161	99996	Federal	WI	A
RW 43-13B	RW 43-13B	NESE	13	070S	230E	4304715162	5670	Federal	OW	TA
RWU 36 (32-13B)	RW 32-13B	SWNE	13	070S	230E	4304715163	5670	Federal	GW	P
RWU 38 (14-23B)	RW 14-23B	SWSW	23	070S	230E	4304715165	5670	Federal	OW	P
RWU 39 (14-24A)	RW 14-24A	SWSW	24	070S	220E	4304715166	5670	Federal	OW	TA
RWU 40 (21-24B)	RW 21-24B	NENW	24	070S	230E	4304715167	5670	Federal	OW	TA
RWU 41 (34-13B)	RW 34-13B	SWSE	13	070S	230E	4304715168	5670	Federal	OW	P
RWU 42 (21-29C)	RW 21-29C	NENW	29	070S	240E	4304715169	5670	Federal	GW	P
RWU 43 (12-17B)	RW 12-17B	SWNW	17	070S	230E	4304715170	5670	Federal	OW	P
RWU 44 (32-33C)	RW 32-33C	SWNE	33	070S	240E	4304715171	5670	Federal	GW	P
RWU 45 (23-30B)	RW 23-30B	NESW	30	070S	230E	4304715172	5670	Federal	OW	TA
RWU 46 (41-21C)	RW 41-21C	NENE	21	070S	240E	4304715173	5670	Federal	GW	TA
RWU 48 (32-19B)	RW 32-19B	SWNE	19	070S	230E	4304715174	99996	Federal	WI	I
RWU 49 (12-29B)	RW 12-29B	SWNW	29	070S	230E	4304715175	5670	Federal	OW	TA
RWU 50 (14-23A)	RW 14-23A	SWSW	23	070S	220E	4304715176	5670	Federal	OW	P
RWU 52 (14-18B)	RW 14-18B	SWSW	18	070S	230E	4304715178	5670	Federal	OW	TA
RWU 53 (41-25A)	RW 41-25A	NENE	25	070S	220E	4304715179	5670	Federal	OW	TA
RWU 56 (41-28B)	RW 41-28B	NENE	28	070S	230E	4304715182	99996	Federal	WI	A

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 57 (12-18C)	RW 12-18C	SWNW	18	070S	240E	4304715183	5670	Federal	OW	P
RWU 63 (21-22B)	RW 21-22B	NENW	22	070S	230E	4304715186	5670	Federal	GW	TA
RWU 64 (32-27B)	RW 32-27B	SWNE	27	070S	230E	4304715187	5670	Federal	OW	TA
RWU 66 (34-18B)	RW 34-18B	SWSE	18	070S	230E	4304715189	5670	Federal	OW	P
RWU 67 (42-22B)	RW 42-22B	SENE	22	070S	230E	4304715190	5670	Federal	OW	TA
RWU 69 (21-27B)	RW 21-27B	NENW	27	070S	230E	4304715191	5670	Federal	OW	TA
RWU 70 (23-22A)	RW 23-22A	NESW	22	070S	220E	4304715192	5670	Federal	OW	P
RWU 71 (21-18C)	RW 21-18C	NENW	18	070S	240E	4304715193	5670	Federal	OW	P
RWU 72 (23-27B)	RW 23-27B	NESW	27	070S	230E	4304715194	5670	Federal	OW	TA
RWU 74 (12-13B)	RW 12-13B	SWNW	13	070S	230E	4304715196	5670	Federal	GW	S
RWU 75 (21-26B)	RW 21-26B	NENW	26	070S	230E	4304715197	5670	Federal	OW	TA
RWU 76 (32-18C)	RW 32-18C	SWNE	18	070S	240E	4304715198	5670	Federal	GW	P
RWU 77 (21-13B)	RWU 77 (21-13B)	NENW	13	070S	230E	4304715199	5670	Federal	OW	P
RWU 78 (32-28B)	RW 32-28B	SWNE	28	070S	230E	4304715200	5670	Federal	OW	P
RWU 79 (12-27B)	RW 12-27B	SWNW	27	070S	230E	4304715201	5670	Federal	OW	TA
RWU 80 (14-27B)	RW 14-27B	SWSW	27	070S	230E	4304715202	5670	Federal	OW	S
RWU 81 (41-31B)	RW 41-31B	NENE	31	070S	230E	4304715203	5670	Federal	OW	P
RWU 83 (41-27A)	RW 41-27A	NENE	27	070S	220E	4304715205	5670	Federal	OW	P
RWU 84 (44-14B)	RW 44-14B	SESE	14	070S	230E	4304715206	5670	Federal	GW	P
RWU 88 (23-18B)	RW 23-18B	NESW	18	070S	230E	4304715210	5670	Federal	WI	A
RWU 90 (43-21B)	RW 43-21B	NESE	21	070S	230E	4304715211	5670	Federal	OW	P
RWU 92 (11-23B)	RW 11-23B	NWNW	23	070S	230E	4304715212	5670	Federal	OW	TA
RWU 94 (12-22A)	RW 12-22A	SWNW	22	070S	220E	4304715213	5670	Federal	OW	P
RWU 23-18C (97)	RW 23-18C	NESW	18	070S	240E	4304715216	99996	Federal	WI	I
RWU 99 (12-22B)	RW 12-22B	SWNW	22	070S	230E	4304715218	5670	Federal	OW	P
RWU 100-A (43-21A)	RW 43-21A	NESE	21	070S	220E	4304715219	5670	Federal	WI	A
RWU 101 (34-21B)	RW 34-21B	SWSE	21	070S	230E	4304715220	5670	Federal	OW	P
RWU 102 (41-24A)	RW 41-24A	SENE	24	070S	220E	4304715221	5670	Federal	WI	A
RWU 103 (34-15B)	RW 34-15B	SWSE	15	070S	230E	4304715222	5670	Federal	OW	P
RWU 108 (32-21B)	RW 32-21B	SWNE	21	070S	230E	4304715226	5670	Federal	OW	P
RWU 109 (21-28B)	RW 21-28B	NENW	28	070S	230E	4304715227	5670	Federal	OW	P
RWU 110 (23-23A)	RW 23-23A	NESW	23	070S	220E	4304715228	5670	Federal	OW	P
RWU 111 (32-24A)	RW 32-24A	SWNE	24	070S	220E	4304715229	5670	Federal	OW	S
RWU 112 (32-28A)	RW 32-28A	SWNE	28	070S	220E	4304715230	5670	Federal	OW	S
RWU 115 (21-19B)	RW 21-19B	NENW	19	070S	230E	4304715233	5670	Federal	OW	P
RWU 119 (43-29A)	RW 43-29A	NESE	29	070S	220E	4304715236	5670	Federal	OW	P
RWU 120 (23-28B)	RW 23-28B	NESW	28	070S	230E	4304715237	5670	Federal	OW	TA
RW 13-13B	RW 13-13B	NWSW	13	070S	230E	4304715238	5670	Federal	GW	P
RWU 122 (24-14B)	RW 24-14B	SESW	14	070S	230E	4304715239	5670	Federal	OW	P
RWU 125 (34-19B)	RW 34-19B	SWSE	19	070S	230E	4304715242	5670	Federal	OW	TA
RWU 126 (41-29A)	RW 41-29A	NENE	29	070S	220E	4304715243	5670	Federal	OW	P

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 127 (12-19B)	RW 12-19B	SWNW	19	070S	230E	4304715244	5670	Federal	OW	S
RWU 129 (14-15B)	RW 14-15B	SWSW	15	070S	230E	4304715246	5670	Federal	OW	P
RWU 133 (41-34B)	RW 41-34B	NENE	34	070S	230E	4304715250	5670	Federal	OW	P
RWU 136 (43-19B)	RW 43-19B	NESE	19	070S	230E	4304715252	5670	Federal	OW	TA
RWU 137 (34-28B)	RW 34-28B	SWSE	28	070S	230E	4304715253	5670	Federal	GW	TA
RWU 138 (41-30B)	RW 41-30B	NENE	30	070S	230E	4304715254	5670	Federal	OW	P
RWU 140 (24-22B)	RW 24-22B	SESW	22	070S	230E	4304715255	5670	Federal	OW	P
RWU 141 (11-27B)	RW 11-27B	NWNW	27	070S	230E	4304715256	5670	Federal	OW	TA
RWU 143 (33-14B)	RW 33-14B	NWSE	14	070S	230E	4304715257	5670	Federal	OW	P
RWU 144 (21-18B)	RW 21-18B	NENW	18	070S	230E	4304715258	5670	Federal	OW	TA
RW 24-13B	RW 24-13B	SESW	13	070S	230E	4304715259	5670	Federal	OW	TA
RWU 147 (22-22B)	RW 22-22B	SESW	22	070S	230E	4304715260	5670	Federal	OW	TA
RWU 148 (13-22B)	RW 13-22B	NWSW	22	070S	230E	4304715261	99996	Federal	WI	A
RWU 150 (31-22B)	RW 31-22B	NWNE	22	070S	230E	4304715263	99996	Federal	WI	I
RWU 151 (42-14B)	RW 42-14B	SENE	14	070S	230E	4304715264	5670	Federal	OW	P
RWU 153 (14-29B)	RW 14-29B	SWSW	29	070S	230E	4304715265	5670	Federal	OW	P
RWU 156 (23-15B)	RW 23-15B	NESW	15	070S	230E	4304715267	99990	Federal	WI	A
RWU 158 (32-30B)	RW 32-30B	SWNE	30	070S	230E	4304715268	5670	Federal	OW	P
RWU 160 (32-15B)	RW 32-15B	SWNE	15	070S	230E	4304715270	5670	Federal	OW	P
RWU 161 (14-20B)	RW 14-20B	SWSW	20	070S	230E	4304715271	99996	Federal	WI	I
RWU 162 (12-20B)	RW 12-20B	SWNW	20	070S	230E	4304715272	5670	Federal	OW	P
RWU 164 (12-28B)	RW 12-28B	SWNW	28	070S	230E	4304715274	5670	Federal	OW	P
RWU 165 (32-26B)	RW 32-26B	SWNE	26	070S	230E	4304715275	5670	Federal	GW	TA
RWU 167 (23-21B)	RW 23-21B	NESW	21	070S	230E	4304715277	5670	Federal	OW	S
RWU 168 (23-24B)	RW 23-24B	NESW	24	070S	230E	4304715278	5670	Federal	OW	TA
RWU 172 (21-30B)	RW 21-30B	NENW	30	070S	230E	4304715280	5670	Federal	OW	TA
RWU 174 (21-20B)	RW 21-20B	NENW	20	070S	230E	4304715281	5670	Federal	WI	A
RWU 176 (31-28B)	RW 31-28B	NWNE	28	070S	230E	4304715283	5670	Federal	OW	TA
RWU 177 (42-28B)	RW 42-28B	SENE	28	070S	230E	4304715284	5670	Federal	OW	TA
RW 22-13B	RW 22-13B	SESW	13	070S	230E	4304715285	5670	Federal	OW	TA
RWU 180 (31-23B)	RW 31-23B	NWNE	23	070S	230E	4304715287	5670	Federal	OW	TA
RWU 181 (34-30B)	RW 34-30B	SWSE	30	070S	230E	4304715288	5670	Federal	OW	P
RW 33-13B	RW 33-13B	NWSE	13	070S	230E	4304715289	5670	Federal	WI	A
RWU 184 (23-26B)	RW 23-26B	NESW	26	070S	230E	4304715290	5670	Federal	GW	S
RWU 188 (23-20B)	RW 23-20B	NESW	20	070S	230E	4304715291	5670	Federal	OW	TA
RWU 192 (41-33A)	RW 41-33A	NENE	33	070S	220E	4304715294	5670	Federal	OW	P
RWU 193 (43-24B)	RW 43-24B	NESE	24	070S	230E	4304715295	5670	Federal	GW	TA
RWU 194 (12-14B)	RW 12-14B	SWNW	14	070S	230E	4304715296	5670	Federal	OW	S
RWU 196 (23-17C)	RW 23-17C	NESW	17	070S	240E	4304715298	5670	Federal	GW	TA
RWU 199 (43-22A)	RW 43-22A	NESE	22	070S	220E	4304715301	99996	Federal	WI	A
RWU 201 (32-28C)	RW 32-28C	SWNE	28	070S	240E	4304715302	5670	Federal	GW	P

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 202 (21-34A)	RW 21-34A	NENW	34	070S	220E	4304715303	99996	Federal	WI	I
RWU 204 (23-25A)	RW 23-25A	NESW	25	070S	220E	4304715305	5670	Federal	OW	P
RWU 205 (23-21C)	RW 23-21C	NESW	21	070S	240E	4304715306	5670	Federal	GW	TA
RWU 2 (14-24B)	RW 14-24B	SWSW	24	070S	230E	4304716472	99996	Federal	WI	A
RWU 7 (41-27B)	RW 41-27B	NENE	27	070S	230E	4304716473	99996	Federal	WI	I
RWU 16 (43-28B)	RW 43-28B	NESE	28	070S	230E	4304716475	99996	Federal	WI	I
RWU 25 (23-23B)	RW 23-23B	NESW	23	070S	230E	4304716476	99996	Federal	WI	A
RWU 59 (12-24B)	RW 12-24B	SWNW	24	070S	230E	4304716477	99996	Federal	WI	A
RWU 61 (12-27A)	RW 12-27A	SWNW	27	070S	220E	4304716478	99996	Federal	WI	I
RWU 91 (33-22B)	RW 33-22B	NWSE	22	070S	230E	4304716479	99996	Federal	WI	A
RWU 93 (43-27B)	RW 43-27B	NESE	27	070S	230E	4304716480	99996	Federal	WI	I
RWU 6 (41-21B)	RW 41-21B	NENE	21	070S	230E	4304716482	99996	Federal	WI	A
RWU 68 (41-13B)	RW 41-13B	NENE	13	070S	230E	4304716485	99996	Federal	WI	I
RWU 170 (41-15B)	RW 41-15B	NENE	15	070S	230E	4304716495	99996	Federal	WI	I
RWU 173 (21-21B)	RW 21-21B	NENW	21	070S	230E	4304716496	99996	Federal	WI	A
RWU 182 (14-21B)	RW 14-21B	SWSW	21	070S	230E	4304716497	99996	Federal	WI	A
RWU 185 (41-1B)	RW 41-14B	NENE	14	070S	230E	4304716498	99996	Federal	WI	A
RWU 212 (41-8F)	RW 41-8F	NENE	08	080S	240E	4304720014	5670	Federal	GW	P
RWU 213 (41-33B)	RW 41-33B	NENE	33	070S	230E	4304720060	99996	Federal	WD	A
RWU 215 (43-28A)	RW 43-28A	NESE	28	070S	220E	4304730058	99996	Federal	WD	A
RWU 216 (21-27A)	RW 21-27A	NENW	27	070S	220E	4304730103	99996	Federal	WI	A
RWU 219 (44-21C)	RW 44-21C	SESE	21	070S	240E	4304730149	5670	Federal	GW	S
RWU 220 (22-23B)	RW 22-23B	SENW	23	070S	230E	4304730192	5670	Federal	OW	TA
RWU 221 (13-27B)	RW 13-27B	NWSW	27	070S	230E	4304730199	5670	Federal	OW	TA
RWU 222 (31-27B)	RW 31-27B	NWNE	27	070S	230E	4304730200	5670	Federal	GW	TA
RWU 224 (44-22B)	RW 44-22B	SESE	22	070S	230E	4304730202	5670	Federal	GW	TA
RWU 225 (13-23B)	RW 13-23B	NWSW	23	070S	230E	4304730212	5670	Federal	GW	TA
RWU 226 (24-23B)	RW 24-23B	SESW	23	070S	230E	4304730249	5670	Federal	GW	S
RWU 227 (14-26B)	RW 14-26B	SWSW	26	070S	230E	4304730257	5670	Federal	OW	TA
RWU 228 (21-34B)	RW 21-34B	NENW	34	070S	230E	4304730258	5670	Federal	OW	P
RWU 229 (43-26B)	RW 43-26B	NESE	26	070S	230E	4304730259	5670	Federal	OW	TA
RWU 230 (14-18C)	RW 14-18C	SWSW	18	070S	240E	4304730309	5670	Federal	OW	P
RWU 231 (21-35B)	RW 21-35B	NENW	35	070S	230E	4304730310	5670	Federal	OW	TA
RWU 232 (12-26B)	RW 12-26B	SWNW	26	070S	230E	4304730311	5670	Federal	OW	TA
RWU 233 (12-25B)	RW 12-25B	SWNW	25	070S	230E	4304730312	5670	Federal	OW	TA
RWU 234 (32-24B)	RW 32-24B	SWNE	24	070S	230E	4304730313	5670	Federal	OW	P
RWU 235 (34-18C)	RW 34-18C	SWSE	18	070S	240E	4304730314	5670	Federal	OW	S
RWU 236 (21-19C)	RW 21-19C	NENW	19	070S	240E	4304730340	5670	Federal	GW	P
RWU 237 (14-25B)	RW 14-25B	SWSW	25	070S	230E	4304730341	5670	Federal	OW	P
RWU 238 (32-35B)	RW 32-35B	SWNE	35	070S	230E	4304730342	5670	Federal	OW	TA
RWU 239 (41-35B)	RW 41-35B	NENE	35	070S	230E	4304730343	5670	Federal	OW	TA

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 240 (12-36B)	RW 12-36B	SWNW	36	070S	230E	4304730344	5670	Federal	OW	S
RWU 241 (22-14B)	RW 22-14B	SENW	14	070S	230E	4304730345	5670	Federal	OW	P
RW 42-13B	RW 42-13B	SENE	13	070S	230E	4304730346	5670	Federal	OW	P
RWU 243 (42-18C)	RW 42-18C	SENE	18	070S	240E	4304730347	5670	Federal	OW	TA
RWU 244 (23-19C)	RW 23-19C	NESW	19	070S	240E	4304730348	5670	Federal	GW	P
RWU 246 (22-18C)	RW 22-18C	SENW	18	070S	240E	4304730387	5670	Federal	OW	P
RWU 247 (22-17C)	RW 22-17C	SENW	17	070S	240E	4304730388	5670	Federal	GW	P
RWU 258 (34-22A)	RW 34-22A	SWSE	22	070S	220E	4304730458	5670	Federal	WI	A
RWU 262 (22-26B)	RW 22-26B	SENW	26	070S	230E	4304730517	5670	Federal	GW	TA
RWU 263 (24-26B)	RW 24-26B	SESW	26	070S	230E	4304730518	99996	Federal	WI	I
RWU 264 (31-35B)	RW 31-35B	NWNE	35	070S	230E	4304730519	99996	Federal	WI	A
RWU 265 (44-26B)	RW 44-26B	SESE	26	070S	230E	4304730520	5670	Federal	GW	P
RWU 266 (33-26B)	RW 33-26B	NWSE	26	070S	230E	4304730521	99996	Federal	WI	I
RWU 269 (13-26B)	RW 13-26B	NWSW	26	070S	230E	4304730522	99996	Federal	WI	A
RWU 273 (42-27B)	RW 42-27B	SENE	27	070S	230E	4304731051	5670	Federal	OW	TA
RWU 279 (11-36B)	RW 11-36B	NWNW	36	070S	230E	4304731052	99996	Federal	WI	A
RWU 276 (44-27B)	RW 44-27B	SESE	27	070S	230E	4304731053	5670	Federal	OW	TA
RWU 272 (44-23B)	RW 44-23B	SESE	23	070S	230E	4304731054	5670	Federal	GW	P
RWU 278 (11-26)	RW 11-26	NWNW	26	070S	230E	4304731076	5670	Federal	GW	TA
RWU 275 (31-26B)	RW 31-26B	NWNE	26	070S	230E	4304731077	99996	Federal	WI	A
RWU 280 (11-35B)	RW 11-35B	NWNW	35	070S	230E	4304731079	5670	Federal	OW	P
RWU 282 (42-26B)	RW 42-26B	SENE	26	070S	230E	4304731080	5670	Federal	GW	TA
RWU 271 (42-35B)	RW 42-35B	SENE	35	070S	230E	4304731081	5670	Federal	WI	I
RWU 270 (22-35B)	RW 22-35B	SENW	35	070S	230E	4304731082	5670	Federal	OW	P
RWU 284 (33-23B)	RW 33-23B	NWSE	23	070S	230E	4304731476	5670	Federal	GW	TA
RWU 285 (11-24B)	RW 11-24B	NWNW	24	070S	230E	4304731477	5670	Federal	OW	P
RWU 286 (42-21B)	RW 42-21B	SENE	21	070S	230E	4304731478	5670	Federal	OW	P
RW 44-13B	RW 44-13B	SESE	13	070S	230E	4304731512	5670	Federal	OW	TA
RWU 288 (24-27)	RW 24-27	SESW	27	070S	230E	4304731513	5670	Federal	OW	TA
RWU 289 (13-24B)	RW 13-24B	NWSW	24	070S	230E	4304731517	5670	Federal	OW	P
RWU 292 (42-23B)	RW 42-23B	SENE	23	070S	230E	4304731576	5670	Federal	GW	TA
RWU 295 (11-22B)	RW 11-22B	NWNW	22	070S	230E	4304731577	5670	Federal	GW	TA
RWU 296 (12-35B)	RW 12-35B	SWNW	35	070S	230E	4304731578	5670	Federal	OW	S
RWU 297 (24-15B)	RW 24-15B	SESW	15	070S	230E	4304731579	5670	Federal	OW	P
RWU 293 (22-22A)	RW 22-22A	SENW	22	070S	220E	4304731581	5670	Federal	OW	TA
RWU 294 (24-18C)	RW 24-18C	SESW	18	070S	240E	4304731582	5670	Federal	GW	P
RWU 298 (22-27B)	RW 22-27B	SENW	27	070S	230E	4304731679	5670	Federal	OW	TA
RWU 301 (43-15B)	RW 43-15B	NESE	15	070S	230E	4304731682	5670	Federal	GW	TA
RWU 302 (22-24B)	RW 22-24B	SENW	24	070S	230E	4304731683	5670	Federal	GW	TA
RWU 303 (34-17B)	RW 34-17B	SWSE	17	070S	230E	4304731819	5670	Federal	OW	P
RED WASH 305 (41-4F)	RW 41-4F	C-NE	04	080S	240E	4304732538	5670	Federal	GW	TA

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RED WASH 306	RW 23-23C	NESW	23	070S	240E	4304732629	5670	Federal	GW	P
RWU 207	RW 14-17B	SWSW	17	070S	230E	4304732738	5670	Federal	OW	P
RED WASH UNIT 261	RW 23-17B	NESW	17	070S	230E	4304732739	5670	Federal	WI	A
RWU 268 (43-17B)	RW 43-17B	NESE	17	070S	230E	4304732980	5670	Federal	WI	A
RWU 267 (32-17B)	RW 32-17B	SWNE	17	070S	230E	4304732981	5670	Federal	OW	P
RWU 283 (43-18B)	RW 43-18B	NESE	18	070S	230E	4304732982	5670	Federal	WI	A
RWU 299 (32-18B)	RW 32-18B	SWNE	18	070S	230E	4304733018	5670	Federal	OW	P
RWU 42-20B	RW 42-20B	SENE	20	070S	230E	4304733490	5670	Federal	OW	P
RWU 22-20B	RW 22-20B	SENE	20	070S	230E	4304733491	5670	Federal	OW	S
RWU 24-19B	RW 24-19B	SESW	19	070S	230E	4304733492	5670	Federal	OW	P
RWU 13-19B	RW 13-19B	NWSW	19	070S	230E	4304733497	5670	Federal	WI	A
RWU 13-20B	RW 13-20B	NWSW	20	070S	230E	4304733498	5670	Federal	WI	A
RWU 33-19B	RW 33-19B	NWSE	19	070S	230E	4304733499	5670	Federal	WI	A
RWU 33-20B	RW 33-20B	NWSE	20	070S	230E	4304733500	5670	Federal	WI	A
RED WASH 22-21B	RW 22-21B	SENE	21	070S	230E	4304733522	5670	Federal	OW	S
RED WASH 24-20B	RW 24-20B	SESW	20	070S	230E	4304733523	5670	Federal	OW	P
RED WASH 44-19B	RW 44-19B	SESE	19	070S	230E	4304733524	5670	Federal	OW	P
RED WASH 44-20B	RW 44-20B	SESE	20	070S	230E	4304733525	5670	Federal	OW	P
RWU 11-19B	RW 11-19B	NWNW	19	070S	230E	4304733552	5670	Federal	WI	A
RWU 11-20B	RW 11-20B	NWNW	20	070S	230E	4304733553	5670	Federal	WI	A
RWU 24-18B	RW 24-18B	SESW	18	070S	230E	4304733554	5670	Federal	OW	P
RWU 31-19B	RW 31-19B	NWNE	19	070S	230E	4304733555	5670	Federal	WI	A
RWU 42-19B	RW 42-19B	SENE	19	070S	230E	4304733556	5670	Federal	OW	P
RWU 22-19B	RW 22-19B	SENE	19	070S	230E	4304733559	5670	Federal	OW	P
RWU 23-24A	RW 23-24A	NESW	24	070S	220E	4304733567	5670	Federal	OW	P
RWU 34-24A	RW 34-24A	SWSE	24	070S	220E	4304733568	5670	Federal	WI	A
RWU 42-24A	RW 42-24A	SENE	24	070S	220E	4304733569	5670	Federal	OW	S
RWU 11-25A	RW 11-25A	NWNW	25	070S	220E	4304733574	5670	Federal	WI	A
RWU 13-25A	RW 13-25A	NWSW	25	070S	220E	4304733575	5670	Federal	WI	A
RWU 21-25A	RW 21-25A	NENW	25	070S	220E	4304733576	5670	Federal	OW	P
RWU 31-25A	RW 31-25A	NWNE	25	070S	220E	4304733577	5670	Federal	WI	A
RWU 33-25A	RW 33-25A	NWSE	25	070S	220E	4304733578	5670	Federal	WI	A
RW 41-25AX	RW 41-25A	NENE	25	070S	220E	4304733579	5670	Federal	OW	P
RWU 42-25A	RWU 42-25A	SENE	25	070S	220E	4304733580	5670	Federal	OW	TA
RWU 11-29B	RW 11-29B	NWNW	29	070S	230E	4304733590	5670	Federal	WI	A
RWU 12-24A	RW 12-24A	SWNW	24	070S	220E	4304733591	5670	Federal	WI	A
RWU 21-24A	RW 21-24A	NENW	24	070S	220E	4304733592	5670	Federal	OW	P
RWU 34-13A	RW 34-13A	SWSE	13	070S	220E	4304733593	5670	Federal	WI	A
RWU 44-18B	RW 44-18B	SESE	18	070S	230E	4304733594	5670	Federal	OW	P
RW 22-13A	RW 22-13A	SENE	13	070S	220E	4304733765	13296	Federal	OW	S
RWU 22-29B	RW 22-29B	SENE	29	070S	230E	4304733766	5670	Federal	OW	S

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 41-24A	RW 41-24A	NENE	24	070S	220E	4304733769	5670	Federal	OW	P
RWU 42-30B	RW 42-30B	SENE	30	070S	230E	4304733771	5670	Federal	OW	P
RWU 44-30B	RWU 44-30B	SESE	30	070S	230E	4304733772	5670	Federal	OW	P
RWU 11-30B	RW 11-30B	NWNW	30	070S	230E	4304733785	5670	Federal	WI	A
RWU 22-25A	RW 22-25A	SENE	25	070S	220E	4304733786	5670	Federal	OW	P
RWU 31-30B	RW 31-30B	NWNE	30	070S	230E	4304733788	5670	Federal	WI	A
RWU 33-30B	RW 33-30B	NWSE	30	070S	230E	4304733790	5670	Federal	WI	A
RED WASH U 34-27C	RW 34-27C	SWSE	27	070S	240E	4304735045	5670	Federal	GW	P
RWU 34-22C	RW 34-22C	SWSE	22	070S	240E	4304735098	5670	Federal	GW	P
RW 12G-20C	RW 12G-20C	SWNW	20	070S	240E	4304735239	14011	Federal	GW	S
RW 43G-08F	RW 43G-08F	NESE	08	080S	240E	4304735655		Federal	GW	APD
RW 22G-09F	RW 22G-09F	SENE	09	080S	240E	4304735656	15636	Federal	GW	OPS
RWU 34-23AG	RW 34-23AG	SWSE	23	070S	220E	4304735668	5670	Federal	OW	P
RWU 34-27AG	RWU 34-27AD	SWSE	27	070S	220E	4304735669	5670	Federal	OW	DRL
RWU 32-27AG	RWU 32-27AG	SWNE	27	070S	220E	4304735670	5670	Federal	OW	S
RW 14-34AMU	RW 14-34AMU	SWSW	34	070S	220E	4304735671	14277	Federal	GW	P
RW 12-08FG	RW 12-08FG	SWNW	08	080S	240E	4304736348		Federal	GW	APD
RW 44-08FG	RW 44-08FG	SESE	08	080S	240E	4304736349	15261	Federal	GW	P
RW 12-17FG	RW 12-17FG	SWNW	17	080S	240E	4304736350		Federal	GW	APD
RW 34-34 AMU	RW 34-34 AD	SWSE	34	070S	220E	4304736351		Federal	GW	APD
RW 44-35 AMU	RW 44-35 AMU	SESE	35	070S	220E	4304736352		Federal	GW	APD
RW 14-35 AMU	RW 14-35 AMU	SWSW	35	070S	220E	4304736354		Federal	GW	APD
RW 33-31 BMU	RW 33-31 BD	NWSE	31	070S	230E	4304736357		Federal	GW	APD
RW 13-31 BMU	RW 13-31 BD	NWSW	31	070S	230E	4304736358		Federal	GW	APD
RW 32-15FG	RW 32-15FG	SWNE	15	080S	240E	4304736443		Federal	GW	APD
RW 21-26AG	RW 21-26AD	NENW	26	070S	220E	4304736768		Federal	OW	APD
RW 43-26AG	RW 43-26AG	NESE	26	070S	220E	4304736769		Federal	OW	APD
RW 43-23AG	RW 43-23AG	NESE	23	070S	220E	4304736770		Federal	OW	APD
RW 41-26AG	RW 41-26AG	NENE	26	070S	220E	4304736818		Federal	OW	APD
RW 04-25BG	RW 04-25B	NWSW	25	070S	230E	4304736982		Federal	OW	APD
RW 01-25BG	RW 01-25BG	NWNW	25	070S	230E	4304736983		Federal	OW	APD
RW 04-26BG	RW 04-26BG	SESW	26	070S	230E	4304736984		Federal	OW	APD
RW 01-26BG	RW 01-26BG	SWNW	26	070S	230E	4304736985		Federal	OW	APD
RW 01-35BG	RW 01-35BG	SWNW	35	070S	230E	4304736986		Federal	OW	APD

RED WASH UNIT

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 51 (12-16B)	RW 12-16B	SWNW	16	070S	230E	4304715177	5670	State	OW	P
RWU ST 189 (41-16B)	RW 41-16B	NENE	16	070S	230E	4304715292	5670	State	OW	S
RED WASH UNIT 259	RW 14-16B	SWSW	16	070S	230E	4304732785	5670	State	OW	P
RED WASH UNIT 260	RW 34-16B	SWSE	16	070S	230E	4304732786	5670	State	OW	P
RWU 324 (23-16B)	RW 23-16B	SESW	16	070S	230E	4304733084	5670	State	WI	OPS
RWU 21W-36A	RWU 21W-36A	NENW	36	070S	220E	4304733730		State	GW	LA
RWU 21G-36A	RWU 21G-36A	NENW	36	070S	220E	4304733731		State	OW	LA
RWU 41-36A	RWU 41-36A	NENE	36	070S	220E	4304733732		State	OW	LA
RWU 43-16B	RWU 43-16B	NESE	16	070S	230E	4304733733		State	OW	LA
RWU 21-16B	RWU 21-16B	NENW	16	070S	230E	4304733734		State	OW	LA
RWU 11-36A	RWU 11-36A	NWNW	36	070S	220E	4304733736		State	OW	LA
RWU 13-36A	RWU 13-36A	NWSW	36	070S	220E	4304733737		State	OW	LA
RW 32G-16C	RW 32G-16C	SWNE	16	070S	240E	4304735238	5670	State	GW	P
RW 14-36AMU	RW 14-36AMU	SWSW	36	070S	220E	4304736721		State	GW	APD
RW 01-36BG	RW 01-36BG	NWNW	36	070S	230E	4304736887	5670	State	OW	S
RW 24-16BG	RW 24-16BG	SESW	16	070S	230E	4304737746	5670	State	OW	DRL
RW 12-32BG	RW 12-32BG	SWNW	32	070S	230E	4304737946	15841	State	GW	DRL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

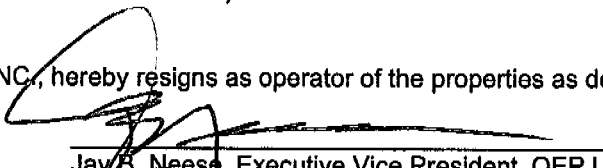
FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
		7. UNIT or CA AGREEMENT NAME: see attached
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: see attached	
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		9. API NUMBER: attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 <small>CITY</small> Denver STATE CO ZIP 80265	PHONE NUMBER: (303) 308-3068	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached		COUNTY: Uintah
QTR/GTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: UTAH


11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>1/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

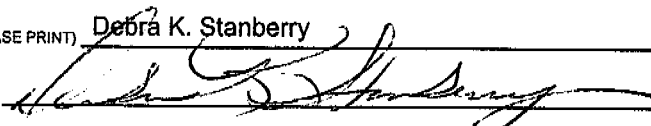
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:
 Federal Bond Number: 965002976 (BLM Reference No. ESB000024)
 Utah State Bond Number: 965003033
 Fee Land Bond Number: 965003033
 Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.


 Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc.

Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list


 Jay B. Neese, Executive Vice President
 Questar Exploration and Production Company

NAME (PLEASE PRINT) <u>Debra K. Stanberry</u>	TITLE <u>Supervisor, Regulatory Affairs</u>
SIGNATURE 	DATE <u>3/16/2007</u>

(This space for State use only)

RECEIVED
APR 19 2007

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 City Denver STATE CO ZIP 80265		7. UNIT or CA AGREEMENT NAME: see attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached		8. WELL NAME and NUMBER: see attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER: attached
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT:
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>1/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well Name Changes</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	
	<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PER THE ATTACHED LIST OF WELLS, QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUESTS THAT THE INDIVIDUAL WELL NAMES BE UPDATED IN YOUR RECORDS.

NAME (PLEASE PRINT) <u>Debra K. Stanberry</u>	TITLE <u>Supervisor, Regulatory Affairs</u>
SIGNATURE	DATE <u>4/17/2007</u>

(This space for State use only)

RECEIVED
APR 19 2007
DIV. OF OIL, GAS & MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



IN REPLY REFER TO
3180
UT-922

April 23, 2007

Questar Exploration and Production Company
1050 17th Street, Suite 500
Denver, Colorado 80265

Re: Red Wash Unit
Uintah County, Utah

Gentlemen:

On April 12, 2007, we received an indenture dated April 6, 2007, whereby QEP Uinta Basin, Inc. resigned as Unit Operator and Questar Exploration and Production Company was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective April 23, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Red Wash Unit Agreement.

Your nationwide oil and gas bond No. ESB000024 will be used to cover all federal operations within the Red Wash Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble
Acting Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
File - Red Wash Unit (w/enclosure)
Agr. Sec. Chron
Reading File
Central Files

UT922:TAThompson:tt:4/23/07

RECEIVED
APR 30 2007
DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
 CDW

Change of Operator (Well Sold)

X - Operator Name Change

The operator of the well(s) listed below has changed, effective:

6/14/2010

FROM: (Old Operator): N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048	TO: (New Operator): N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048
----------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------

CA No. **Unit:** **RED WASH**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/24/2010
- Is the new operator registered in the State of Utah: Business Number: 764611-0143
- (R649-9-2)Waste Management Plan has been received on: Requested
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 8/16/2010 BIA not yet
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 6/30/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/30/2010
- Bond information entered in RBDMS on: 6/30/2010
- Fee/State wells attached to bond in RBDMS on: 6/30/2010
- Injection Projects to new operator in RBDMS on: 6/30/2010
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 965010693
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
- The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER See attached
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: See attached
2. NAME OF OPERATOR: Questar Exploration and Production Company <i>N5085</i>		8. WELL NAME and NUMBER: See attached
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 <small>CITY</small> Denver <small>STATE</small> CO <small>ZIP</small> 80265		9. API NUMBER: Attached
PHONE NUMBER: (303) 672-6900		10. FIELD AND POOL, OR WILDCAT: See attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached		COUNTY: Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/14/2010</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:
 Federal Bond Number: 965002976 (BLM Reference No. ESB000024) *N3700*
 Utah State Bond Number: ~~965003033~~ } *965010695*
 Fee Land Bond Number: ~~965003033~~
 BIA Bond Number: ~~799446~~ *965010693*

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

NAME (PLEASE PRINT) <u>Morgan Anderson</u>	TITLE <u>Regulatory Affairs Analyst</u>
SIGNATURE <i>Morgan Anderson</i>	DATE <u>6/23/2010</u>

(This space for State use only)

RECEIVED
JUN 28 2010
DIV. OF OIL, GAS & MINING

APPROVED *6/13/2010 2009*
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(5/2000) (See Instructions on Reverse Side)

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
RED WASH
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
RW 34-23B	23	070S	230E	4304715136	5670	Federal	OW	P	
RW 41-23B	23	070S	230E	4304715138	5670	Federal	OW	P	
RW 32-22B	22	070S	230E	4304715139	5670	Federal	OW	P	
RW 43-23B	23	070S	230E	4304715140	5670	Federal	OW	P	
RW 32-17C	17	070S	240E	4304715145	5670	Federal	OW	P	
RW 34-26B	26	070S	230E	4304715148	5670	Federal	GW	TA	
RW 32-14B	14	070S	230E	4304715150	5670	Federal	OW	P	
RW 34-14B	14	070S	230E	4304715152	5670	Federal	OW	S	
RW 23-22B	22	070S	230E	4304715153	5670	Federal	OW	TA	
RW 43-22B	22	070S	230E	4304715155	5670	Federal	OW	P	
RW 32-23B	23	070S	230E	4304715156	5670	Federal	OW	P	
RW 23-13B	13	070S	230E	4304715157	5670	Federal	GW	TA	
RW 34-22B	22	070S	230E	4304715158	5670	Federal	OW	P	
RW 32-13B	13	070S	230E	4304715163	5670	Federal	GW	P	
RW 14-23B	23	070S	230E	4304715165	5670	Federal	OW	S	
RW 14-24A	24	070S	220E	4304715166	17554	Federal	OW	DRL	
RW 21-24B	24	070S	230E	4304715167	5670	Federal	OW	TA	
RW 34-13B	13	070S	230E	4304715168	5670	Federal	OW	P	
RW 21-29C	29	070S	240E	4304715169	5670	Federal	GW	P	
RW 12-17B	17	070S	230E	4304715170	5670	Federal	OW	P	
RW 32-33C	33	070S	240E	4304715171	5670	Federal	GW	P	
RW 14-23A	23	070S	220E	4304715176	5670	Federal	OW	P	
RW 12-18C	18	070S	240E	4304715183	5670	Federal	OW	P	
RW 21-22B	22	070S	230E	4304715186	5670	Federal	GW	TA	
RW 34-18B	18	070S	230E	4304715189	5670	Federal	OW	P	
RW 21-27B	27	070S	230E	4304715191	5670	Federal	OW	TA	
RW 23-22A	22	070S	220E	4304715192	5670	Federal	OW	P	
RW 21-18C	18	070S	240E	4304715193	5670	Federal	OW	P	
RW 12-13B	13	070S	230E	4304715196	5670	Federal	GW	S	
RW 32-18C	18	070S	240E	4304715198	5670	Federal	GW	P	
RWU 77 (21-13B)	13	070S	230E	4304715199	5670	Federal	OW	P	
RW 32-28B	28	070S	230E	4304715200	5670	Federal	OW	P	
RW 12-27B	27	070S	230E	4304715201	5670	Federal	OW	TA	
RW 14-27B	27	070S	230E	4304715202	5670	Federal	OW	P	
RW 41-31B	31	070S	230E	4304715203	5670	Federal	OW	P	
RW 41-27A	27	070S	220E	4304715205	5670	Federal	OW	S	
RW 44-14B	14	070S	230E	4304715206	5670	Federal	GW	P	
RW 43-21B	21	070S	230E	4304715211	5670	Federal	OW	P	
RW 12-22A	22	070S	220E	4304715213	5670	Federal	OW	P	
RW 12-22B	22	070S	230E	4304715218	5670	Federal	OW	P	
RW 34-21B	21	070S	230E	4304715220	5670	Federal	OW	P	
RW 34-15B	15	070S	230E	4304715222	5670	Federal	OW	P	
RW 32-21B	21	070S	230E	4304715226	5670	Federal	OW	P	
RW 21-28B	28	070S	230E	4304715227	5670	Federal	OW	P	

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
RED WASH
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
RW 23-23A	23	070S	220E	4304715228	5670	Federal	OW	P	
RW 32-24A	24	070S	220E	4304715229	5670	Federal	OW	P	
RW 32-28A	28	070S	220E	4304715230	5670	Federal	OW	S	
RW 21-19B	19	070S	230E	4304715233	5670	Federal	OW	P	
RW 43-29A	29	070S	220E	4304715236	5670	Federal	OW	S	C
RW 23-28B	28	070S	230E	4304715237	17525	Federal	OW	P	C
RW 13-13B	13	070S	230E	4304715238	5670	Federal	GW	P	
RW 24-14B	14	070S	230E	4304715239	5670	Federal	OW	P	
RW 41-29A	29	070S	220E	4304715243	5670	Federal	OW	P	
RW 14-15B	15	070S	230E	4304715246	5670	Federal	OW	P	
RW 41-34B	34	070S	230E	4304715250	5670	Federal	OW	P	
RW 41-30B	30	070S	230E	4304715254	5670	Federal	OW	P	
RW 24-22B	22	070S	230E	4304715255	5670	Federal	OW	P	
RW 33-14B	14	070S	230E	4304715257	5670	Federal	OW	P	
RW 21-18B	18	070S	230E	4304715258	5670	Federal	OW	TA	
RW 22-22B	22	070S	230E	4304715260	5670	Federal	OW	TA	C
RW 42-14B	14	070S	230E	4304715264	5670	Federal	OW	P	
RW 14-29B	29	070S	230E	4304715265	5670	Federal	OW	P	
RW 32-30B	30	070S	230E	4304715268	5670	Federal	OW	P	
RW 32-15B	15	070S	230E	4304715270	5670	Federal	OW	P	
RW 12-20B	20	070S	230E	4304715272	5670	Federal	OW	S	
RW 12-28B	28	070S	230E	4304715274	5670	Federal	OW	P	
RW 32-26B	26	070S	230E	4304715275	5670	Federal	GW	TA	
RW 31-28B	28	070S	230E	4304715283	5670	Federal	OW	TA	
RW 34-30B	30	070S	230E	4304715288	5670	Federal	OW	P	
RW 23-26B	26	070S	230E	4304715290	5670	Federal	GW	S	
RW 41-33A	33	070S	220E	4304715294	5670	Federal	OW	P	
RW 43-24B	24	070S	230E	4304715295	5670	Federal	GW	TA	
RW 12-14B	14	070S	230E	4304715296	5670	Federal	OW	S	
RW 32-28C	28	070S	240E	4304715302	5670	Federal	GW	P	
RW 23-25A	25	070S	220E	4304715305	5670	Federal	OW	P	
RW 41-8F	08	080S	240E	4304720014	5670	Federal	GW	P	
RW 44-21C	21	070S	240E	4304730149	5670	Federal	GW	S	
RW 13-27B	27	070S	230E	4304730199	5670	Federal	OW	TA	
RW 21-34B	34	070S	230E	4304730258	5670	Federal	OW	P	
RW 43-26B	26	070S	230E	4304730259	5670	Federal	OW	TA	
RW 14-18C	18	070S	240E	4304730309	5670	Federal	OW	P	
RW 12-26B	26	070S	230E	4304730311	5670	Federal	OW	TA	
RW 32-24B	24	070S	230E	4304730313	5670	Federal	OW	P	
RW 34-18C	18	070S	240E	4304730314	5670	Federal	OW	P	
RW 21-19C	19	070S	240E	4304730340	5670	Federal	GW	P	
RW 14-25B	25	070S	230E	4304730341	5670	Federal	OW	P	
RW 32-35B	35	070S	230E	4304730342	5670	Federal	OW	TA	
RW 12-36B	36	070S	230E	4304730344	5670	Federal	OW	S	

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
RED WASH
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
RW 22-14B	14	070S	230E	4304730345	5670	Federal	OW	P	
RW 42-13B	13	070S	230E	4304730346	5670	Federal	OW	P	
RW 23-19C	19	070S	240E	4304730348	5670	Federal	GW	P	
RW 22-18C	18	070S	240E	4304730387	5670	Federal	OW	P	
RW 22-17C	17	070S	240E	4304730388	5670	Federal	GW	P	
RW 44-26B	26	070S	230E	4304730520	5670	Federal	GW	P	
RW 42-27B	27	070S	230E	4304731051	5670	Federal	OW	TA	
RW 44-27B	27	070S	230E	4304731053	5670	Federal	OW	TA	
RW 44-23B	23	070S	230E	4304731054	5670	Federal	GW	P	
RW 11-35B	35	070S	230E	4304731079	5670	Federal	OW	P	
RW 22-35B	35	070S	230E	4304731082	5670	Federal	OW	P	
RW 33-23B	23	070S	230E	4304731476	5670	Federal	GW	TA	
RW 11-24B	24	070S	230E	4304731477	5670	Federal	OW	P	
RW 42-21B	21	070S	230E	4304731478	5670	Federal	OW	P	
RW 13-24B	24	070S	230E	4304731517	5670	Federal	OW	P	
RW 42-23B	23	070S	230E	4304731576	5670	Federal	GW	TA	
RW 12-35B	35	070S	230E	4304731578	5670	Federal	OW	S	
RW 24-15B	15	070S	230E	4304731579	5670	Federal	OW	P	
RW 24-18C	18	070S	240E	4304731582	5670	Federal	GW	P	
RW 43-15B	15	070S	230E	4304731682	17643	Federal	GW	DRL	C
RW 34-17B	17	070S	230E	4304731819	5670	Federal	OW	P	
RW 41-4F	04	080S	240E	4304732538	5670	Federal	GW	TA	
RW 23-23C	23	070S	240E	4304732629	5670	Federal	GW	P	
RW 14-17B	17	070S	230E	4304732738	5670	Federal	OW	P	
RW 32-17B	17	070S	230E	4304732981	5670	Federal	OW	P	
RW 32-18B	18	070S	230E	4304733018	5670	Federal	OW	P	
RW 42-20B	20	070S	230E	4304733490	5670	Federal	OW	P	
RW 22-20B	20	070S	230E	4304733491	5670	Federal	OW	P	
RW 24-19B	19	070S	230E	4304733492	5670	Federal	OW	P	
RW 22-21B	21	070S	230E	4304733522	5670	Federal	OW	S	
RW 24-20B	20	070S	230E	4304733523	5670	Federal	OW	P	
RW 44-19B	19	070S	230E	4304733524	5670	Federal	OW	P	
RW 44-20B	20	070S	230E	4304733525	5670	Federal	OW	P	
RW 24-18B	18	070S	230E	4304733554	5670	Federal	OW	P	
RW 42-19B	19	070S	230E	4304733556	5670	Federal	OW	P	
RW 22-19B	19	070S	230E	4304733559	5670	Federal	OW	P	
RW 23-24A	24	070S	220E	4304733567	5670	Federal	OW	P	
RW 42-24A	24	070S	220E	4304733569	5670	Federal	OW	P	
RW 21-25A	25	070S	220E	4304733576	5670	Federal	OW	P	
RW 41-25A	25	070S	220E	4304733579	5670	Federal	OW	P	
RW 21-24A	24	070S	220E	4304733592	5670	Federal	OW	P	
RW 44-18B	18	070S	230E	4304733594	5670	Federal	OW	P	
RW 41-24A	24	070S	220E	4304733769	5670	Federal	OW	P	
RW 42-30B	30	070S	230E	4304733771	5670	Federal	OW	S	

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
RED WASH
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
RWU 44-30B	30	070S	230E	4304733772	5670	Federal	OW	P	
RW 22-25A	25	070S	220E	4304733786	5670	Federal	OW	P	
RW 34-27C	27	070S	240E	4304735045	5670	Federal	GW	P	
RW 34-22C	22	070S	240E	4304735098	5670	Federal	GW	P	
RW 34-23AG	23	070S	220E	4304735668	5670	Federal	OW	P	
RWU 32-27AG	27	070S	220E	4304735670	5670	Federal	OW	P	
RW 14-34AMU	34	070S	220E	4304735671	14277	Federal	GW	P	
RW 44-08FG	08	080S	240E	4304736349	15261	Federal	GW	P	
RW 34-34 AD	34	070S	220E	4304736351	16177	Federal	GW	P	
RW 33-31 BD	31	070S	230E	4304736357		Federal	GW	APD	C
RW 13-31 BD	31	070S	230E	4304736358		Federal	GW	APD	C
RW 21-26AD	26	070S	220E	4304736768	5670	Federal	OW	OPS	C
RW 43-26AG	26	070S	220E	4304736769	16575	Federal	OW	OPS	C
RW 43-23AG	23	070S	220E	4304736770	5670	Federal	OW	OPS	C
RW 41-26AG	26	070S	220E	4304736818	5670	Federal	OW	OPS	C
RW 04-25B	25	070S	230E	4304736982	17224	Federal	OW	P	
RW 34-27ADR	27	070S	220E	4304739445	16330	Federal	GW	P	
RW 32-29CD	29	070S	240E	4304739854		Federal	GW	APD	C
RW 24-10FD	10	080S	240E	4304739963		Federal	GW	APD	C
RW 34-20CD	20	070S	240E	4304739964		Federal	GW	APD	C
RW 32-20CD	20	070S	240E	4304739965		Federal	GW	APD	
RW 24-21CD	21	070S	240E	4304739966		Federal	GW	APD	C
RW 41-28CD	28	070S	240E	4304739967		Federal	GW	APD	C
RW 41-33CD	33	070S	240E	4304739968		Federal	GW	APD	C
RW 14-35 AMU	35	070S	220E	4304740051		Federal	GW	APD	C
RW 44-35 AMU	35	070S	220E	4304740052		Federal	GW	APD	
RW 12-17FG	17	080S	240E	4304740602		Federal	GW	APD	C

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:
3100
(UT-922)

JUL 28 2010

Memorandum

To: Vernal Field Office, Price Field Office, Moab Field Office
From: Chief, Branch of Minerals *Robert Bankert*
Subject: Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **Questar Exploration and Production Company** into **QEP Energy Company** is effective June 8, 2010.

cc: MMS
UDOGM

RECEIVED
AUG 16 2010
DIV. OF OIL, GAS & MINERAL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU-0559

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
RED WASH

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
RW 14-23A

2. NAME OF OPERATOR:
QEP ENERGY COMPANY

9. API NUMBER:
43047151760000

3. ADDRESS OF OPERATOR:
11002 East 17500 South, Vernal, Ut, 84078

PHONE NUMBER:
303 308-3068 Ext

9. FIELD and POOL or WILDCAT:
RED WASH

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0660 FSL 0760 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SWSW Section: 23 Township: 07.0S Range: 22.0E Meridian: S

COUNTY:
UINTAH

STATE:
UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/1/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>

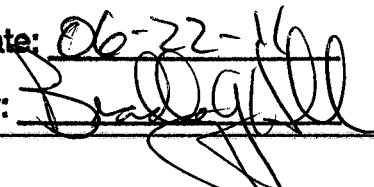
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP Energy Company requests approval to deepen the above well to a total depth of 11,833 to the Mesaverde Formation. In addition, the well pad has been modified to accomodate the larger drill rig and the Surface Use Plan has been revised to address all other changes. The ammended footages are: 664' FSL, 758' FWL. QEP Energy Company respectfully requests the type of well change- From: Oil To: Gas. Please refer to the following plans: Surface Use Plan, 8-Point Drilling Plan, Plat Package, Weed Data Sheet.

635075X 40.191588
44500194 -109.413211

Federal Approval of this Action is Necessary

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 06-22-11
By: 

NAME (PLEASE PRINT)
Valyn Davis

PHONE NUMBER
435 781-4369

TITLE
Regulatory Affairs Analyst

SIGNATURE
N/A

DATE
6/16/2011

T7S, R22E, S.L.B.&M.

QEP ENERGY COMPANY

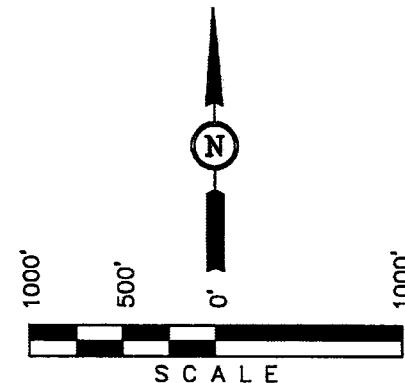
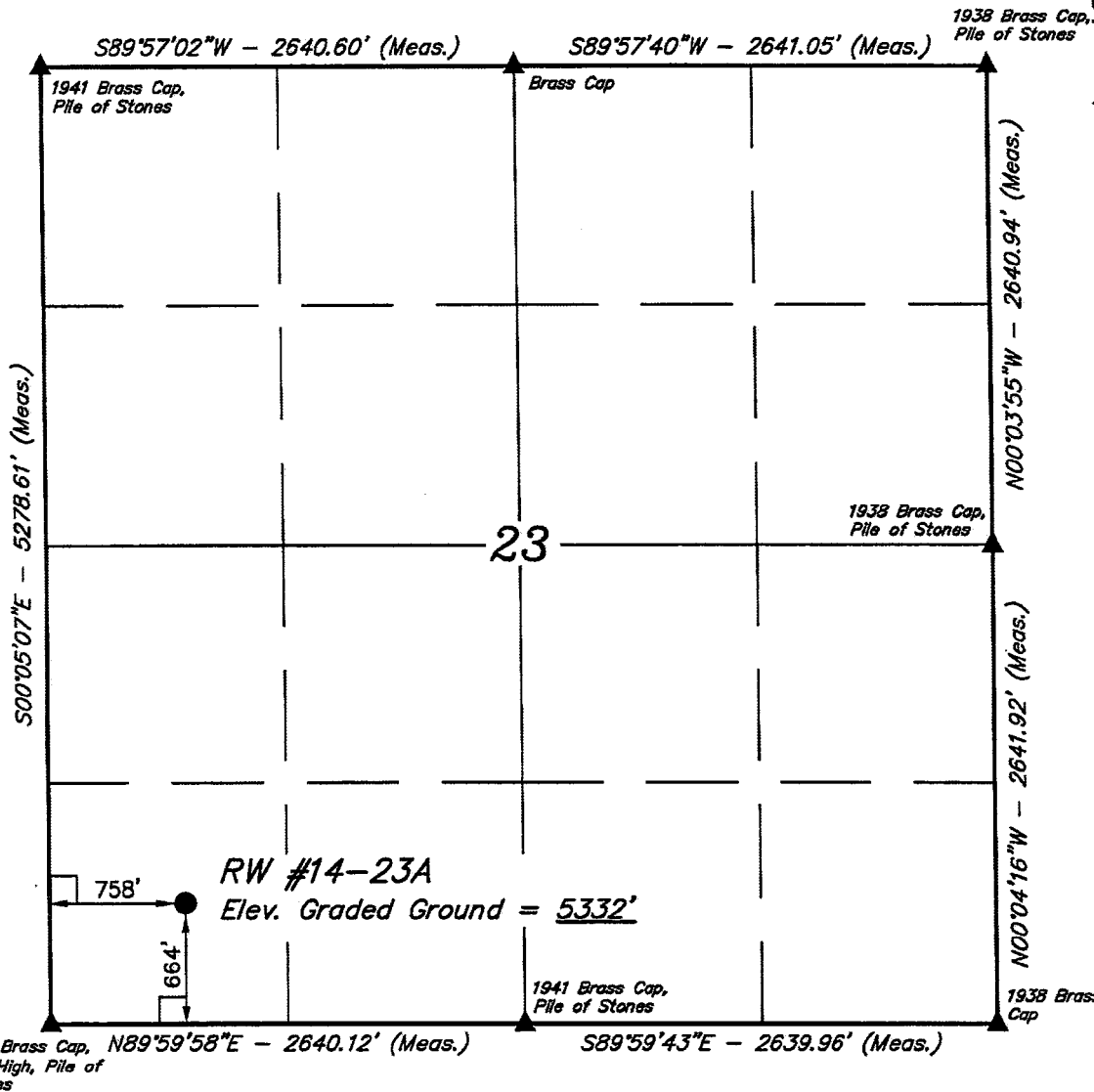
Well location, RW #14-23A (RE-ENTRY), located as shown in the SW 1/4 SW 1/4 of Section 23, T7S, R22E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

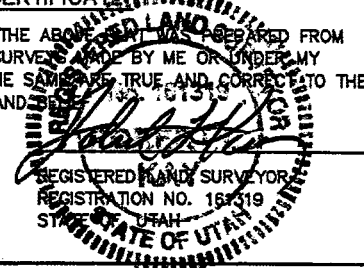
BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



1941 Brass Cap, N89°59'58"E - 2640.12' (Meas.)
0.7" High, Pile of Stones

S89°59'43"E - 2639.96' (Meas.)

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)
 LATITUDE = 40°11'29.60" (40.191556)
 LONGITUDE = 109°24'50.23" (109.413953)
 (NAD 27)
 LATITUDE = 40°11'29.73" (40.191592)
 LONGITUDE = 109°24'47.76" (109.413267)

UINTAH ENGINEERING & LAND SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 03-11-11	DATE DRAWN: 03-18-11
PARTY A.F. J.C. K.O.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE QEP ENERGY COMPANY	

QEP Energy Company
RW 14-23A Drilling Prog
API: 43-047-15176
Summarized Re-Entry Procedure

1. Clear location of all unnecessary equipment.
2. MIRU pulling unit.
3. ND tubing head, NU BOP's (3M).
4. Kill well if necessary.
5. POOH with all existing production equipment and tubing.
6. Completions will prep well for re-entry.
7. POOH.
8. ND BOP's
9. RD pulling unit, move off location.
10. MIRU drilling rig.
11. NU rig's 5M BOPE.
12. Drill out shoe and down to 11,833'.
13. Log well. Triple or Quad-Combo (GR, NEU/DEN, IND, RES, SON)
14. RIH with 4-1/2" 11.6# HCP-110 casing and cement.
15. ND BOP's.
16. RDMO.

RE-ENTRY DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil & Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. **Formation Tops**

The estimated top of important geologic markers are as follows:

<u>Formation</u>	<u>Depth, TVD & MD</u>
Green River	3,010'
Mahogany	3,928'
Original TD	6,245'
Wasatch	6,553'
Mesaverde	9,473'
Sego	11,733'
TD	11,833'

2. **Anticipated Depths of Oil, Gas, Water, and Other Mineral Bearing Zones**

The estimated depths at which the top of the anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered as follows:

<u>Substance</u>	<u>Formation</u>	<u>Depth, TVD & MD</u>
Gas	Wasatch	6,553'
Gas	Mesaverde	9,473'
Gas	Sego	11,733'

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right A36125

ONSHORE OIL & GAS ORDER NO. 1
 QEP ENERGY COMPANY
 RW 14-23A (API#: 43-047-15176)

(which was filed on May 7, 1964) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

3. Operator's Specification for Pressure Control Equipment

- A. 7 1/16" or 11" as available 5000 psi double ram with blind rams and pipe rams, annular preventer and drilling spool or BOP with 2 side outlets.
- B. All BOP connections subject to pressure shall be flanged, welded or clamped.
- C. Kill line (2" min), 2 choke line valves (3" min), choke line (3" min), 2 kill line valves (2" min) and a check valve, 2 chokes with one remotely controlled from rig floor and a pressure gauge on choke manifold.
- D. Upper and Lower Kelly cock valves with handles and safety valve and subs to fit all drill string connections.
- E. IBOP or float sub available.
- F. Fill up line must be installed above the uppermost preventer.
- G. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 5M system and individual components shall be operable as designed.

4. Casing Design:

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.	Expected MW(ppg)
13 3/4"	10 3/4"	sfc	449'	40.5#	J-55	STC	Existing	N/A
8 3/4"	7"	sfc	6,245'	23#	J-55	LTC	Existing	N/A
6 1/8"	4 1/2"	sfc	11,833'	11.6#	HCP-110	LTC	New	8.8 – 10.5

Casing Strengths:				Collapse	Burst	Tensile (min)
10 3/4"	40.5#	J-55	STC	1,580 psi	3,130 psi	420,000 lb.
7"	23#	J-55	LTC	3,270 psi	4,360 psi	313,000 lb.
4 1/2"	11.6#	HCP-110	LTC	8,830 psi	10,710 psi	279,000 lb.

Casing Design Factors

*The casing prescribed above meets or exceeds the below listed design factors.

Burst: 1.2

Collapse: 1.2

Tension: 1.6

Maximum anticipated mud weight: 10.5 ppg

Maximum anticipated surface treating pressure: 7,200 psi

5. Cementing Program

4-1/2" Production Casing:

Lead Slurry: 3,000' (TOC) – 9,473'. 240 sks (744 ft³) Halliburton Extendacem, 3 pps Silicalite (extender), 1 pps Granulite TR 1/4 (LCM), 0.125 pps Poly – E – Flake. Slurry Weight 11.0 lb/gal, 3.18 ft³/sk, 25% excess over gauge in open hole only.

Tail Slurry: 9,473 – 11,833'. 170 sks (281 ft³), Halliburton Expandacem, 0.2% Super CBL (Expander), 0.45% HR-5 (Retarder), 1 pps Granulite TR 1/4, 0.125 pps Poly-E-Flake (LCM). Slurry Weight 13.5 lb/gal, 1.71 ft³/sk, 25% excess over gauge hole.

*Final cement volumes to be calculated from caliper log and will attempt to pump cement to 3,000'.

6. Auxiliary Equipment

- A. Kelly Cock – yes
- B. Float at the bit – yes
- C. Monitoring equipment on the mud system – PVT/Flow Show
- D. Full opening safety valve on the rig floor – yes

ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
RW 14-23A (API#: 43-047-15176)

- E. Drilling below the 7" casing will be done with water based mud. Maximum anticipated mud weight is 10.5 ppg.
- F. No minimum quantity of weight material will be required to be kept on location.
- G. Gas detector will be used from intermediate casing depth to TD.

7. **Testing, logging and coring program**

- A. Cores – none.
- B. DST – none anticipated
- C. Logging – Mud logging – Intermediate Casing to TD
OH Logs: GR-SP-Induction, Neutron Density.
- D. Formation and Completion Interval:
– Stimulation will be designed for the particular area of interest as encountered.

8. **Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards**

No abnormal temperatures or pressures are anticipated. Maximum anticipated bottom hole pressure equals approximately 6,461 psi. Maximum anticipated bottom hole temperature is 218° F.

H2S has not been encountered in other wells drilled to similar depths in the general area.

ONSHORE OIL & GAS ORDER NO. 1
 QEP ENERGY COMPANY
 RW 14-23A (API#: 43-047-15176)

5M BOP STACK

Rotating Head

Spacer Spool

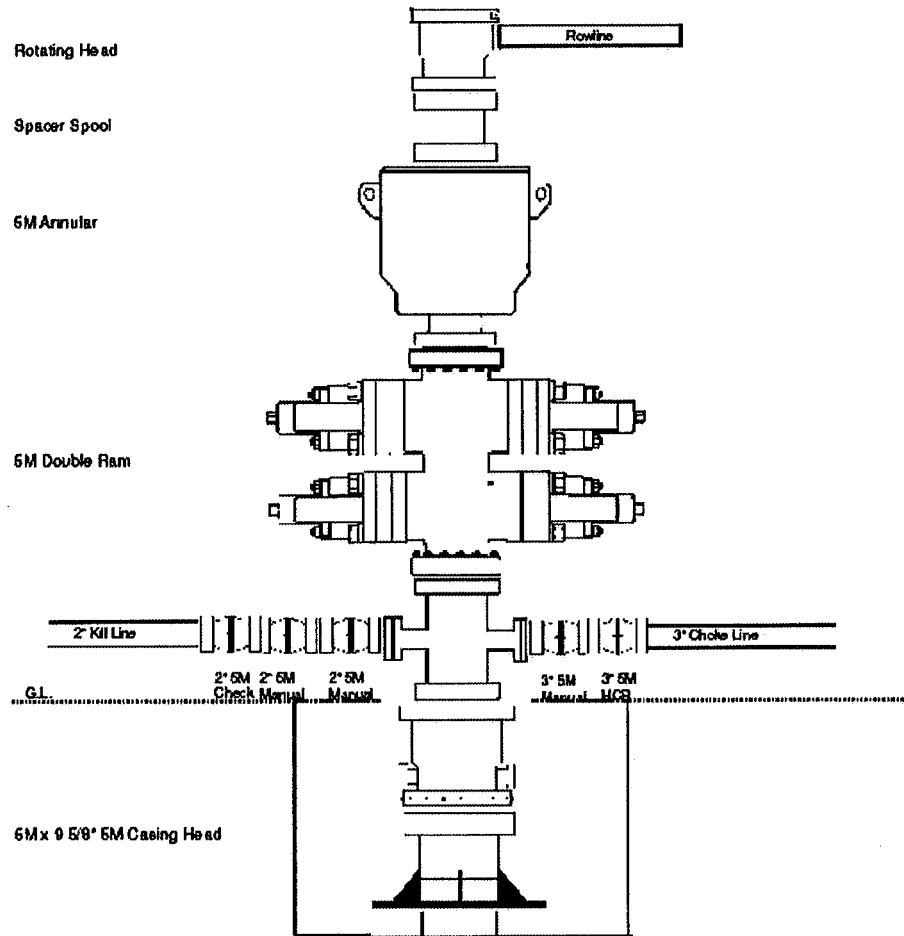
6M Annular

6M Double Ram

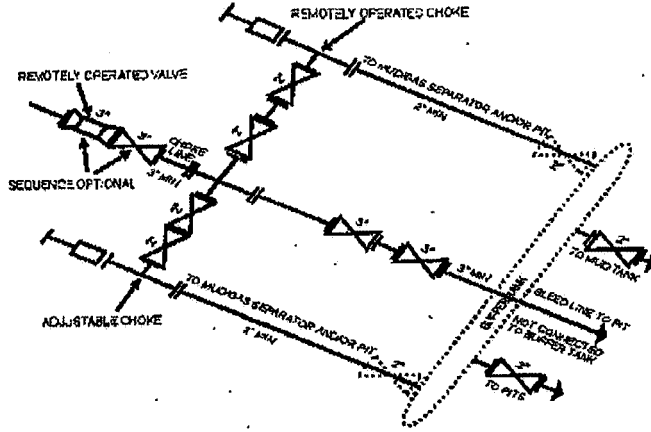
2" 5M 2" 5M 2" 5M
 Check Manual Manual

3" 5M 3" 5M
 Manual HCB

6M x 9 5/8" 5M Casing Head



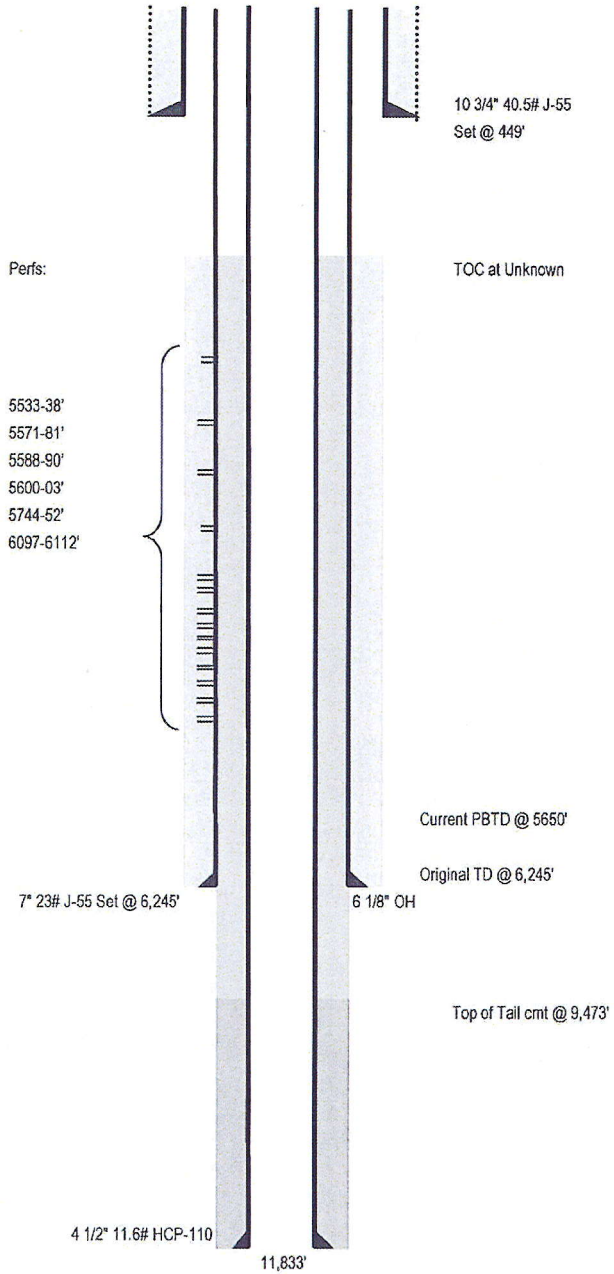
ONSHORE OIL & GAS ORDER NO. 1
 QEP ENERGY COMPANY
 RW 14-23A (API#: 43-047-15176)



5M CHOKE MANFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

Although not required for any of the choke manifold systems, buffer tanks are sometimes installed downstream of the choke assemblies for the purpose of manifolding the bleed lines together. When buffer tanks are employed, valves shall be installed upstream to isolate a failure or malfunction without interrupting flow control. Though not shown on 26L, 38L, 10M, OR 15M drawings, it would also be applicable to those situations.
 [34 FR 39324, Sept. 27, 1969]

RW 14-23A
API# 43-047-15176
SWSW Sec 23 T7S R22E
Uintah County, Utah
KB 5,546'
GL 5,532'
Original Spud 8/17/1956



**QEP ENERGY COMPANY
RW 14-23A
664' FSL 758' FWL
SWSW, SECTION 23, T7S, R22E
UINTAH COUNTY, UTAH
LEASE # UTU-082**

**ONSHORE ORDER NO. 1
MULTI – POINT SURFACE USE & OPERATIONS PLAN**

An onsite inspection was conducted for the RW 14-23A on May 4, 2011. Weather conditions were sunny at the time of the onsite. In attendance at the inspection were the following individuals:

Kevin Sadlier	Bureau of Land Management
Aaron Roe	Bureau of Land Management
Holly Villa	Bureau of Land Management
Daniel Emmett	Bureau of Land Management
Jan Nelson	QEP Energy Company
Stephanie Tomkinson	QEP Energy Company
Ryan Angus	QEP Energy Company
Valyn Davis	QEP Energy Company
Eric Wickersham	QEP Energy Company
Andy Floyd	Uintah Engineering & Land Surveying

1. Existing Roads:

The proposed well site is approximately 30 miles South of Vernal, Utah.

Refer to Topo Maps A and B for location of access roads within a 2 – mile radius.

All existing roads will be maintained and kept in good repair during all phases of operation.

2. Planned Access Roads:

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

Refer to Topo Map B for the location of the proposed access road.

No new access road is proposed. The access to be used is the access to the existing RW 14-23A location. Graveling or capping the roadbed will be performed as necessary to provide a well constructed safe road. Should conditions warrant, rock, gravel or culverts will be installed as needed.

3. Location of Existing Wells Within a 1 – Mile Radius:

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

The following guidelines will apply if the well is productive.

A containment dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks). These dikes will be constructed of compacted impervious subsoil; hold 110% of the capacity of the largest tank; and, be independent of the back cut. If a Spill Prevention, Control, and Countermeasure (SPCC) Plan is required by the Environmental Protection Agency, the containment dike may be expanded to meet SPCC requirements with approval by the BLM/VFO AO. The specific APD will address additional capacity if such is needed due to environmental concerns. The use of topsoil for the construction of dikes will not be allowed.

All loading lines will be placed inside the berm surrounding the tank batteries.

All permanent (on site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a color approved by the State.

It was determined on the onsite by the BLM VFO AO that the facilities will be painted Covert Green.

Refer to Topo Map D for the location of the proposed pipeline.

All existing equipment will be moved off location before any construction begins.

The proposed surface pipeline will be constructed utilizing existing disturbed areas to minimize surface disturbance. No construction activities will be allowed outside of the proposed pipeline.

Prior to construction, the Permittee will develop a plan of installation to minimize surface disturbance. Pipe will be strung along the pipeline route with either a flatbed trailer and rubber tired backhoe or a tracked typed side boom. Where surface conditions do not allow the pipe to be strung using conventional methods, the Permittee will utilize pull sections to run the fabricated pipe through the area from central staging areas along the pipeline route.

Upon completion of stringing activities the Permittee will fabricate the pipeline on wooden skids adjacent to the centerline of the pipeline route using truck mounted welding machines. All fabricated piping will be lowered off of the wooden skids and

placed along the centerline. Upon completion of all activities, the wooden skids will be removed from the pipeline route using a flatbed truck or flatbed truck and trailer.

When the surface terrain prohibits the Permittee from safely installing the pipeline along the pipeline route, grading of the route will be required. Prior to installing the pipeline in these areas a plan will be developed to safely install the pipeline while minimizing grading activities and surface disturbances. Additionally, erosion control Best Management Practices will be installed as needed prior to the start of any grading activities. Surface grading will be limited to what is needed to safely install the pipeline. Track type bulldozers and track type backhoes will be utilized for grading activities.

Upon completion of the pipeline installation, the pipeline route will be restored to the pre-disturbance surface contours.

The proposed pipeline will be a surface 10" or smaller, 2,032' in length, containing 1.39 acres.

Road Crossings

Fusion Bond or concrete coated pipe will be used for all road crossings to alleviate future corrosion.

All pipe and fittings used for road crossings will be prefabricated within the proposed pipeline route to minimize the duration of open pipe trench across the roadway. Pipe used for road crossings will be isolated on each end with a flange set and insulation kit and cathodically protected with a magnesium type anode. Adequately sized equipment will be used for minor and major road crossings. Depth of cover for minor roads will be >4' and the depth of cover for major roads will be >6'.

Prior to lowering the pipe in the trench, the Permittee will "Jeep" the pipe to locate and repair any Holidays in the pipe coating. Upon lowering the pipe in the trench, 6" of bedding and a minimum of 6" of shading will be installed to protect the pipe using either native soils <1" in diameter or imported sand. Pipe trenches that extend across gravel roads will be backfilled with native soils to within 8" of the driving surface and capped with 3/4" road base. Pipe trenches that extend across asphalt paved roads will be backfilled to 4" of the driving surface with 3/4" road base and capped asphalt material.

5. Location and Type of Water Supply:

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

Water for drilling purposes would be obtained from Wonsits Valley Water Right # A 36125 (which was filed on May 7, 1964) or Red Wash Water Right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System.

6. Source of Construction Materials:

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2-3.

7. Methods of Handling Waste Materials:

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility within 6 months after drilling is terminated. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Unless specified in the site specific APD, the reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists or surface runoff will or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

It will be determined at the on-site inspection if a pit liner is necessary, the reserve pit will be lined with a synthetic reinforced liner, a minimum of 20 millimeters thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place.

No trash or scrap will be disposed of in the pit.

Reserve pit leaks are considered an undesirable event and will be orally reported to the AO.

After first production, produced wastewater will be confined to the approved pit or storage tank for a period not to exceed 90 days.

After the 90 day period, the produced water will be contained in tanks on location and then hauled by truck to one of the following pre-approved disposal sites:

Red Wash disposal well located in the NESW, Section 28, T7S, R22E,
Red Wash Central Battery Disposal located SWSE, Section 27, T7S, R23E,
West End Disposal located in the NESE, Section 28, T7S, R22E,

or approved third-party surface evaporative pits.

Produced water, oil, and other byproducts will not be applied to roads or well pads for the control of dust or weeds. The dumping of produced fluids on roads, well sites, or other areas will not be allowed.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site. The spills will be reported to the AO and other authorities as appropriate.

A chemical porta-toilet will be furnished with the drilling rig. The chemical porta-toilet wastes will be hauled to Ashley Valley Sewer and Water System for disposal.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. Trash will not be burned on location. All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig. All trash and waste material will be hauled to the Uintah County Landfill.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of wells. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of wells within these areas. Specific APD's shall address any modifications from this policy.

8. Ancillary Facilities:

None anticipated.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram rig orientation, parking areas, and access roads, as well as the location of the following:

The reserve pit.

The stockpiled topsoil will not be used for facility berms. All brush removed from the well pad during construction will be stockpiled with topsoil.

The flare pit or flare box will be located downwind from the prevailing wind direction.

Any drainage that crosses the well location will be diverted around the location by using ditches, water diversion drains or berms. If deemed necessary at the on-site, erosion drains may be installed to contain sediments that could be produced from access roads and well locations.

A pit liner is required. A felt pit liner will be required if bedrock is encountered.

10. Fencing Requirements:

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched using a stretching device before it is attached to corner posts.

The reserve pit will be fenced on three (3) sides during drilling operations. The fourth side will be put in place when the rig moves off location. The pit will be fenced and maintained until it is backfilled. If drilling operations does not commence within 3 days, the fourth side of the fence will be installed

11. Plans for Reclamation of the Surface:

Please refer to QEP Energy Company Uinta Basin Division Reclamation Plan

Site Specific Procedures:

Site Specific Reclamation Summary:

Reclamation will follow QEP Energy Company, Uinta Basin Division's Reclamation Plan, September 2009 (QEP's Reclamation Plan) and the BLM Green River District Reclamation Guidelines.

All trash and debris will be removed from the disturbed areas.

Stained soils around the location (excluding steep, rocky slopes) will be removed and disposed of. These areas will be reclaimed as outlined in this plan.

Disturbed areas will be backfilled and recontoured to blend with the surrounding landscape.

Compacted areas will be ripped and disked, leaving no large clumps.

Water courses and drainages will be restored.

Erosion control devices will be installed where needed.

Seeding will be done in the fall, prior to ground freeze up. Seed will be drilled and broadcast/dragged on areas that cannot be drilled.

The seed mix will be a grass only mix so a broadleaf chemical weed control can be used in year one and two. Weed control will be conducted as stated in QEP's Reclamation Plan.

<u>SEED MIX</u>			
<u>Common name</u>	<u>Scientific</u>	<u>Variety</u>	<u>PLS lbs</u>
Galleta curly grass	Pleuraphis jamesii		4
Western wheatgrass	Pascopyrum smithii	Rosana	4
Sandberg bluegrass	Poa sandbergii		4
<u>Crested wheatgrass</u>	<u>Agropyron cristatum x desertorum</u>	<u>Hycrest</u>	<u>2</u>
		Total	14

Monitoring and reporting will be conducted as stated in QEP's Reclamation Plan. A reference site has been established and is included in this application.

It was determined and agreed upon that there is 3" inches of top soil.

12. Surface Ownership:

Bureau of Land Management
170 South 500 East
Vernal, Utah 84078
(435) 781-4400

13. Other Information:

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted on May 10, 2011, **Moac Report**

No. 11-075 by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

A Class III paleontological survey was conducted by Intermountain Paleo Consulting. A copy of this report was submitted on May 27, 2011 **IPC # 11-34** by Stephen D. Sandau. The inspection resulted in the location of no fossil resources. However, if vertebrate fossil(s) are found during construction a paleontologist should be immediately notified. QEP will provide Paleo monitor if needed.

Per the onsite on May 4, 2011, the following items were requested/ discussed.

There is a Ferruginous Hawk Stipulation from March 1 to August 1. No construction or drilling will commence during this period unless otherwise determined by a wildlife biologist that the site is inactive.

The existing power line and any unused pipelines and will be removed prior to construction.

During construction, caution will be taken to avoid losing any top soil near Corner #3 and Corner #4.

Due to the constraints of the pad size on this location, QEP Energy will be utilizing the well location RW 41-27A in order to temporarily house additional trailers, generators, water tank, pipe tubs, and other additional miscellaneous drilling equipment. No additional surface disturbance will be required for this request.

Additional Operator Remarks

QEP Energy Company proposes to deepen the existing well bore for the RW 14-23A and drill to a depth of 11,833' to test the Mesa Verde Formation. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements"

Please see Onshore Order No. 1.

Please refer to QEP Energy Company Greater Deadman Bench
EIS UT-080-2003-0369V Record of Decision dated March 31, 2008.

Please be advised that QEP Energy Company agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No.ESB000024. The principal is QEP Energy Company via surety as consent as provided for the 43 CFR 3104.2.

QEP ENERGY COMPANY
RW #14-23A (RE-ENTRY)
 LOCATED IN UINTAH COUNTY, UTAH
 SECTION 23, T7S, R22E, S.L.B.&M.

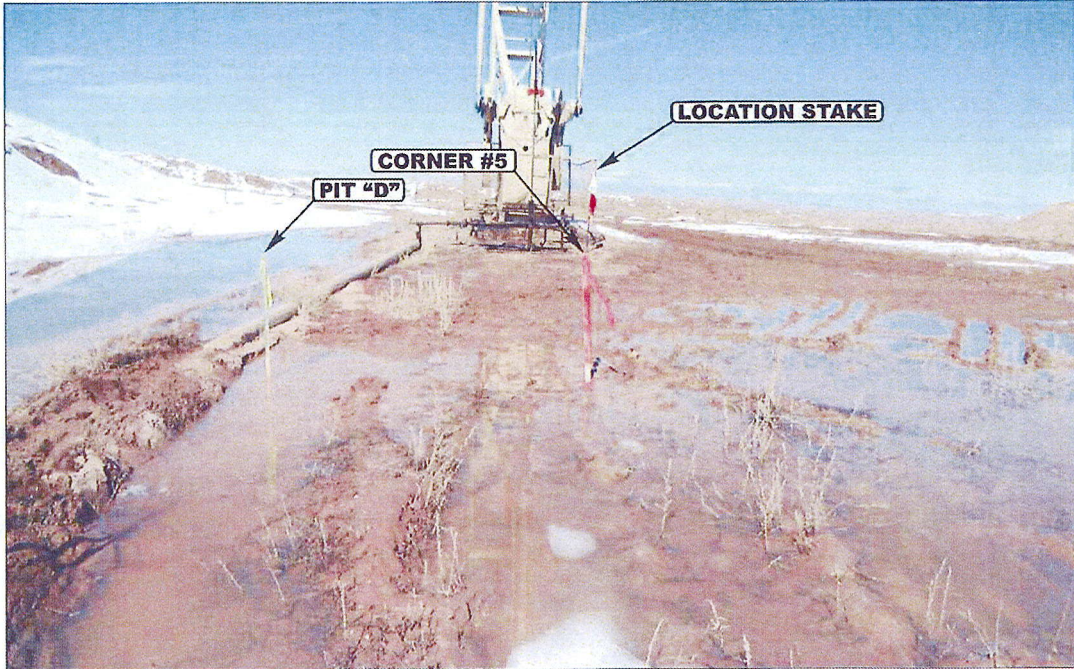


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW OF EXISTING AND PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS

03 **15** **11**
 MONTH DAY YEAR

PHOTO

TAKEN BY: A.F.

DRAWN BY: J.L.G.

REVISED: 00-00-00

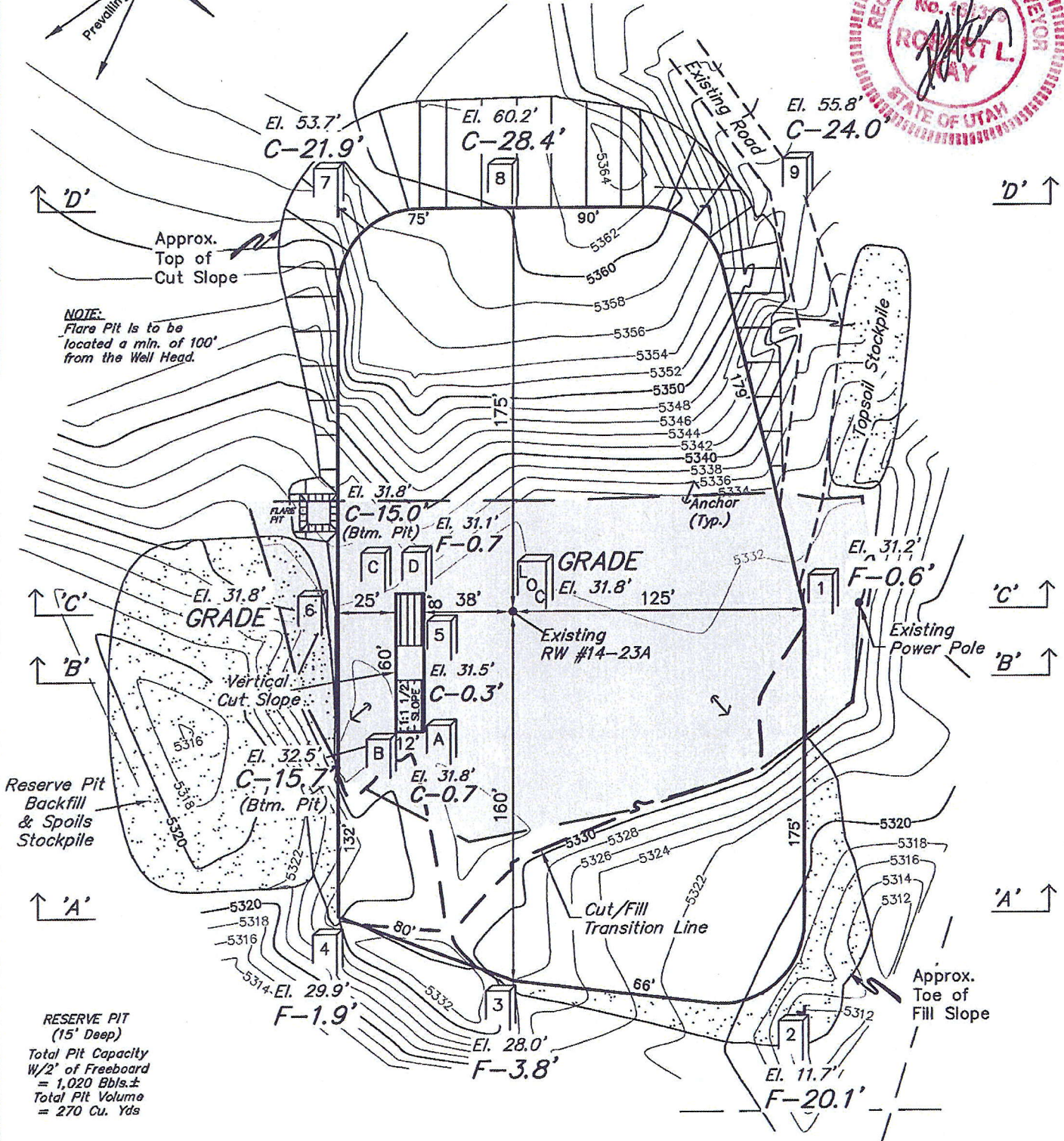
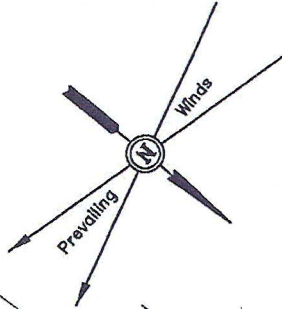
QEP ENERGY COMPANY

LOCATION LAYOUT FOR

RW #14-23A (RE-ENTRY)
SECTION 23, T7S, R22E, S.L.B.&M.
664' FSL 758' FWL

FIGURE #1

SCALE: 1" = 60'
DATE: 03-18-11
DRAWN BY: K.O.



NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.

RESERVE PIT
(15' Deep)
Total Pit Capacity
W/2' of Freeboard
= 1,020 Bbbls.±
Total Pit Volume
= 270 Cu. Yds

Elev. Ungraded Ground At Loc. Stake = 5331.8'
FINISHED GRADE ELEV. AT LOC. STAKE = 5331.8'

UINTAH ENGINEERING & LAND SURVEYING
86 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

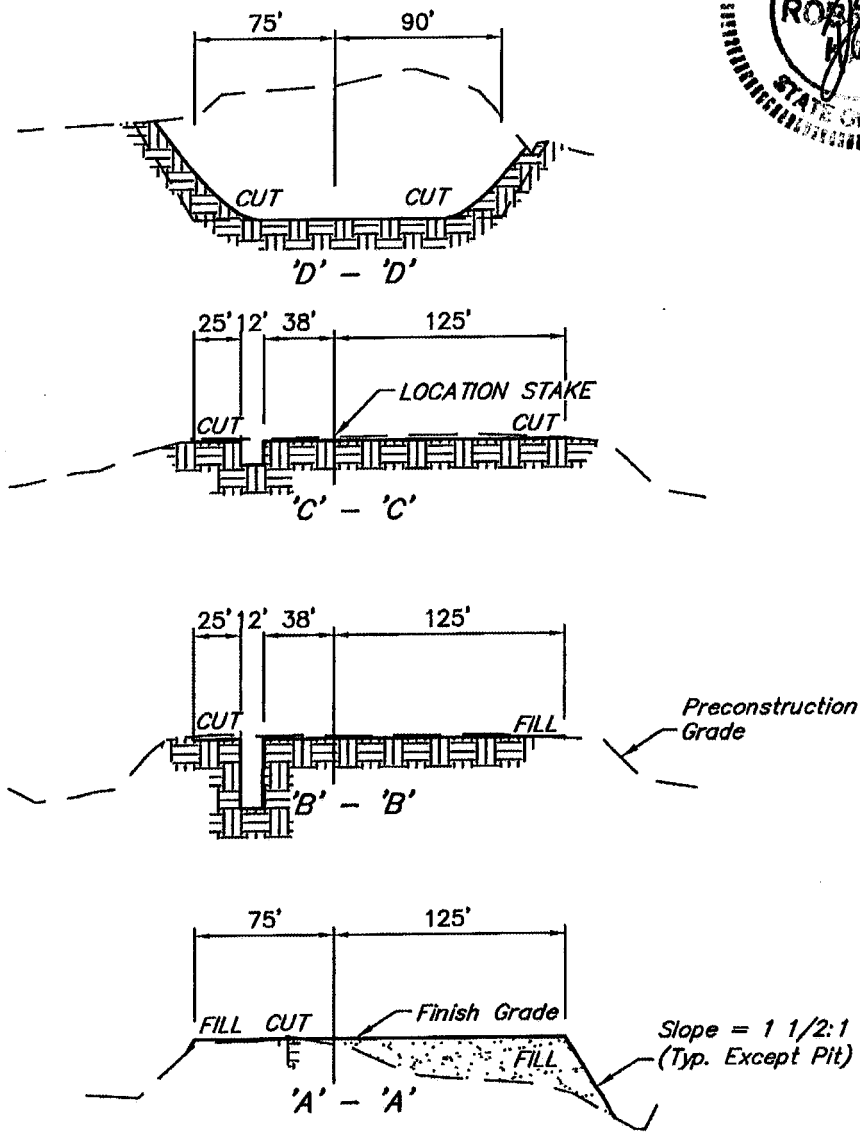
QEP ENERGY COMPANY

FIGURE #2

**TYPICAL CROSS SECTIONS FOR
RW #14-23A (RE-ENTRY)
SECTION 23, T7S, R22E, S.L.B.&M.
664' FSL 758' FWL**

1" = 40'
X-Section
Scale
1" = 60'

DATE: 03-18-11
DRAWN BY: K.O.



APPROXIMATE ACREAGES

<u>EXISTING DISTURBANCE</u>	
WITHIN PROPOSED WELL SITE	= ± 0.651 ACRES
<u>REMAINING PROPOSED</u>	
WELL SITE DISTURBANCE	= ± 1.557 ACRES
PIPELINE DISTURBANCE	= ± 1.399 ACRES
TOTAL	= ± 3.607 ACRES

* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping (New Construction only)	=	990 Cu. Yds.
Remaining Location	=	20,160 Cu. Yds.
TOTAL CUT	=	21,150 CU.YDS.
FILL	=	4,850 CU.YDS.

EXCESS MATERIAL	=	16,300 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	1,130 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	=	15,170 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
86 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

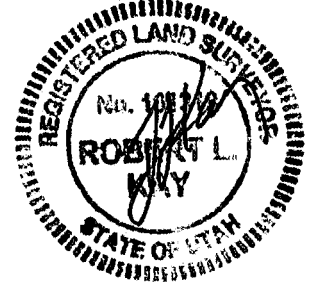
QEP ENERGY COMPANY

TYPICAL RIG LAYOUT FOR

RW #14-23A (RE-ENTRY)
SECTION 23, T7S, R22E, S.L.B.&M.
664' FSL 758' FWL

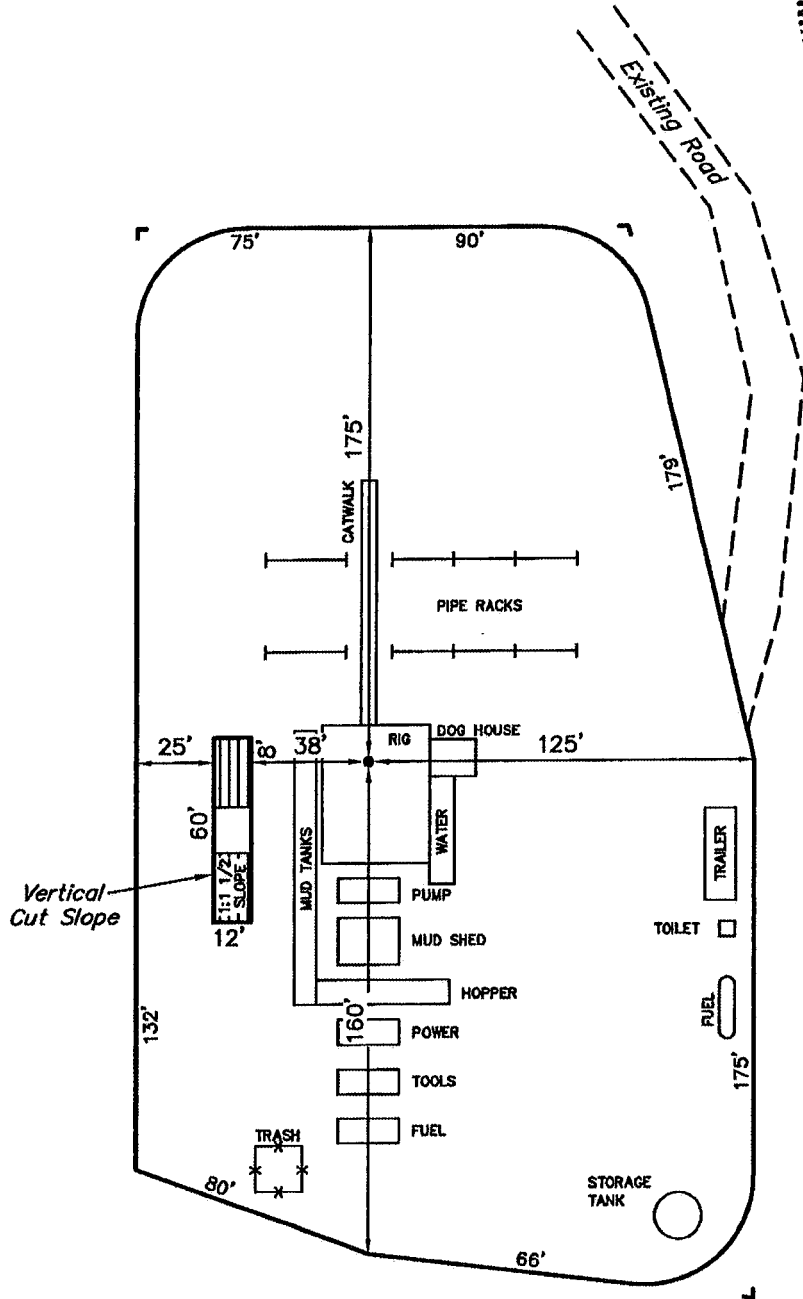
FIGURE #3

SCALE: 1" = 60'
DATE: 03-18-11
DRAWN BY: K.O.



NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.

RESERVE PIT
(15' Deep)
Total Pit Capacity
W/2' of Freeboard
= 1,020 Bbls.±
Total Pit Volume
= 270 Cu. Yds



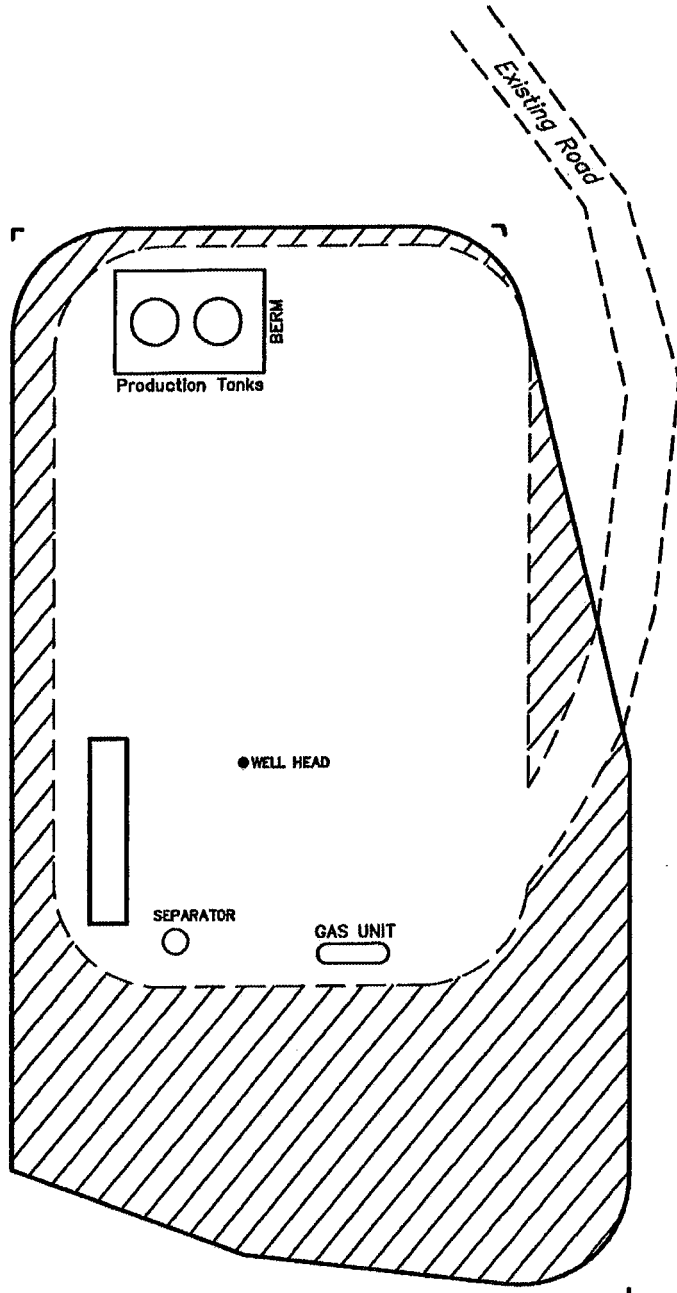
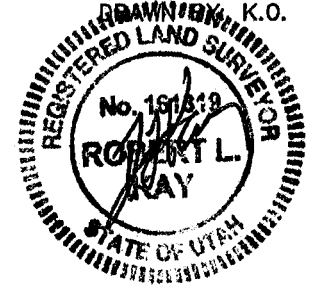
QEP ENERGY COMPANY

PRODUCTION FACILITY LAYOUT FOR

**RW #14-23A (RE-ENTRY)
SECTION 23, T7S, R22E, S.L.B.&M.
664' FSL 758' FWL**

FIGURE #4

SCALE: 1" = 60'
DATE: 03-18-11
DRAWN BY: K.O.

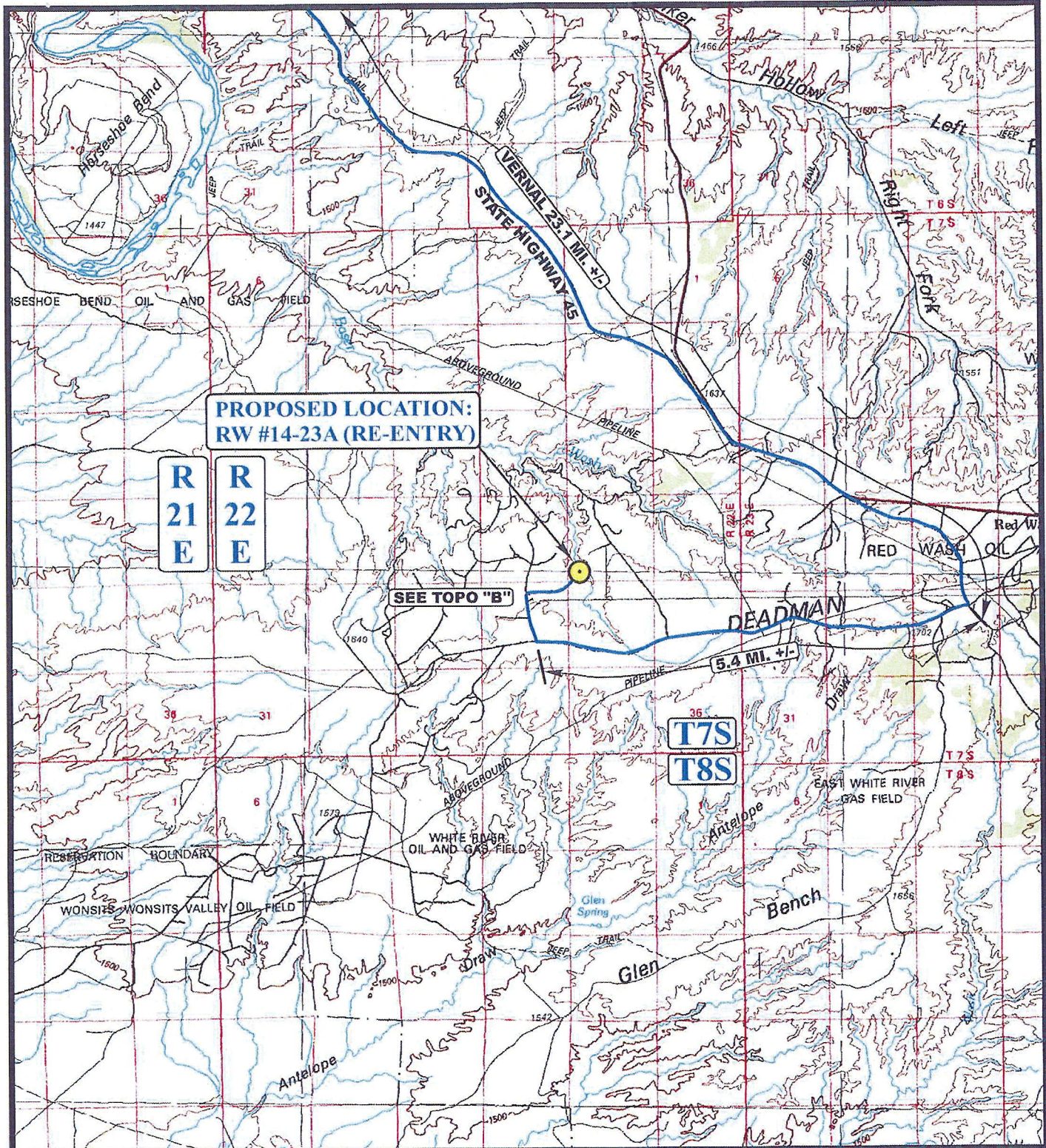


 RECLAIMED AREA

QEP ENERGY COMPANY
RW #14-23A (RE-ENTRY)
SECTION 23, T7S, R22E, S.L.B.&M.

PROCEED IN AN EASTERLY, THEN SOUTHERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 3.9 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 19.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN AN WESTERLY DIRECTION APPROXIMATELY 5.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN RIGHT AND PROCEED IN AN EASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 0.8 MILES TO PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 29.9 MILES.



**PROPOSED LOCATION:
RW #14-23A (RE-ENTRY)**

**R
21
E** **R
22
E**

SEE TOPO "B"

**T7S
T8S**

LEGEND:

 **PROPOSED LOCATION**



QEP ENERGY COMPANY

**RW #14-23A (RE-ENTRY)
SECTION 23, T7S, R22E, S.L.B.&M.
664' FSL 758' FWL**



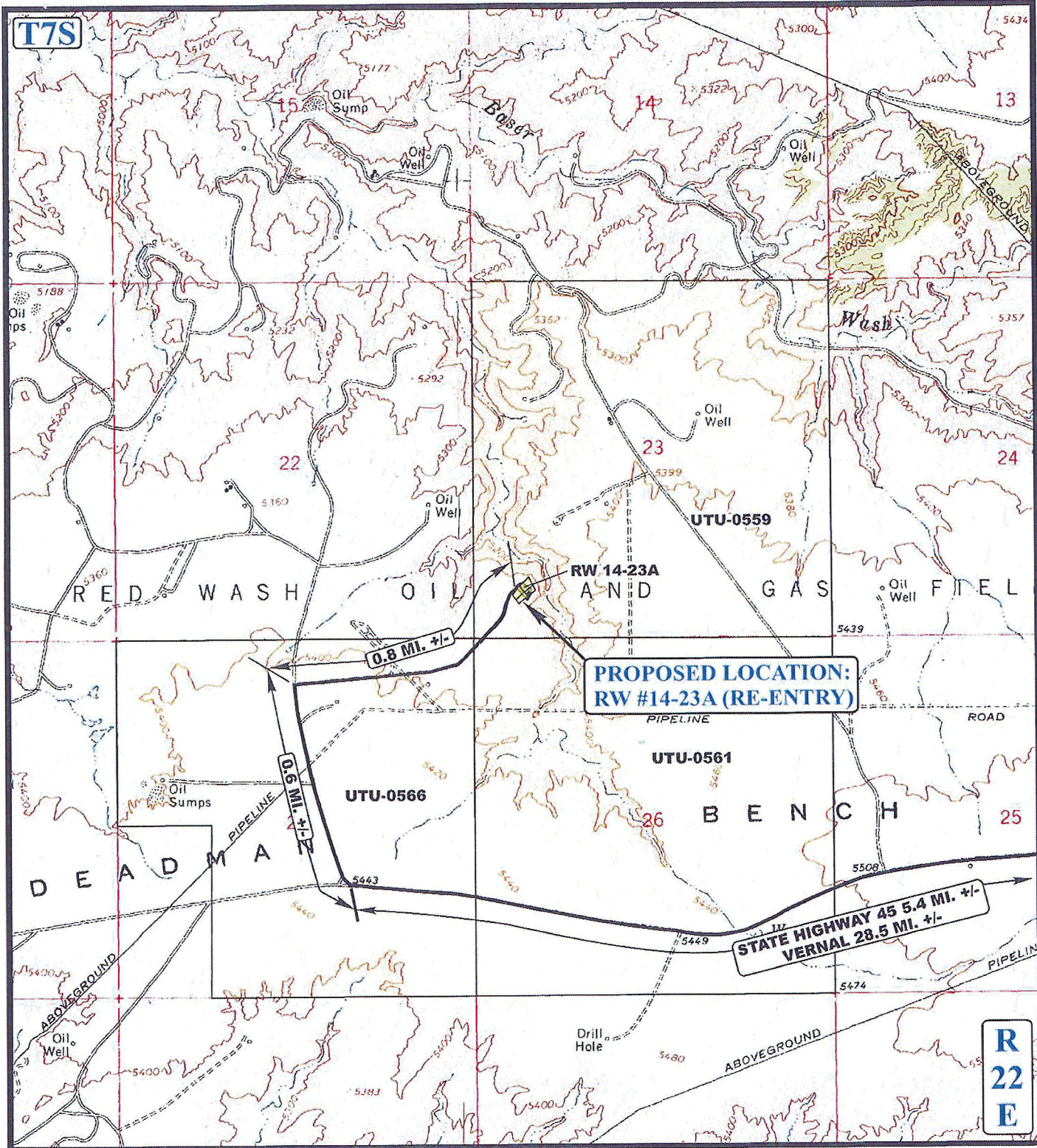
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

03 15 11
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: J.L.G. REVISED: 00-00-00





LEGEND:
 ——— EXISTING ROAD
 - - - - - PROPOSED ACCESS ROAD

QEP ENERGY COMPANY

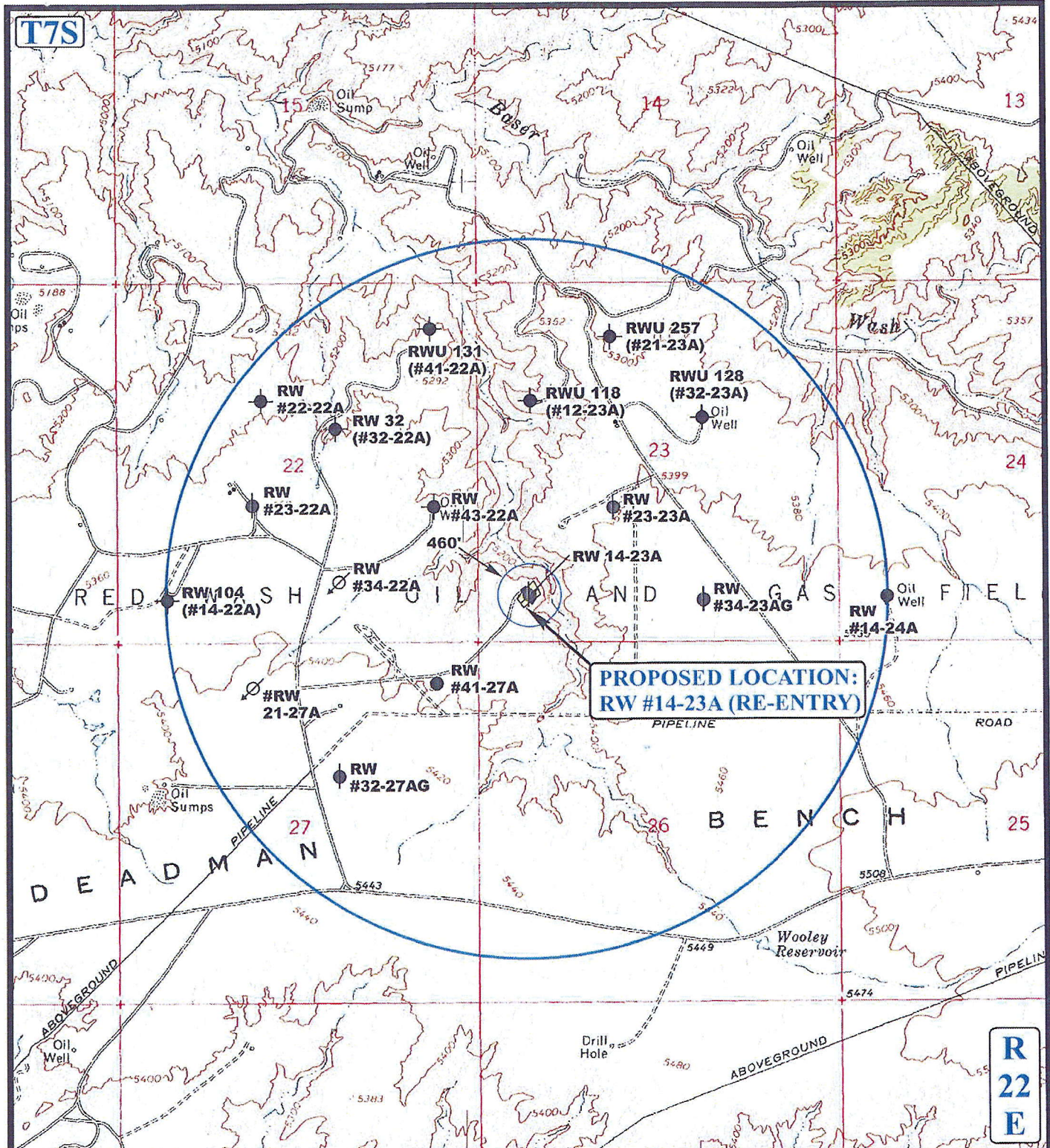
**RW #14-23A (RE-ENTRY)
 SECTION 23, T7S, R22E, S.L.B.&M.
 664' FSL 758' FWL**

UEIS Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP 03 15 11
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 00-00-00

B
 TOPO





LEGEND:

- ⊗ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ⊗ WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

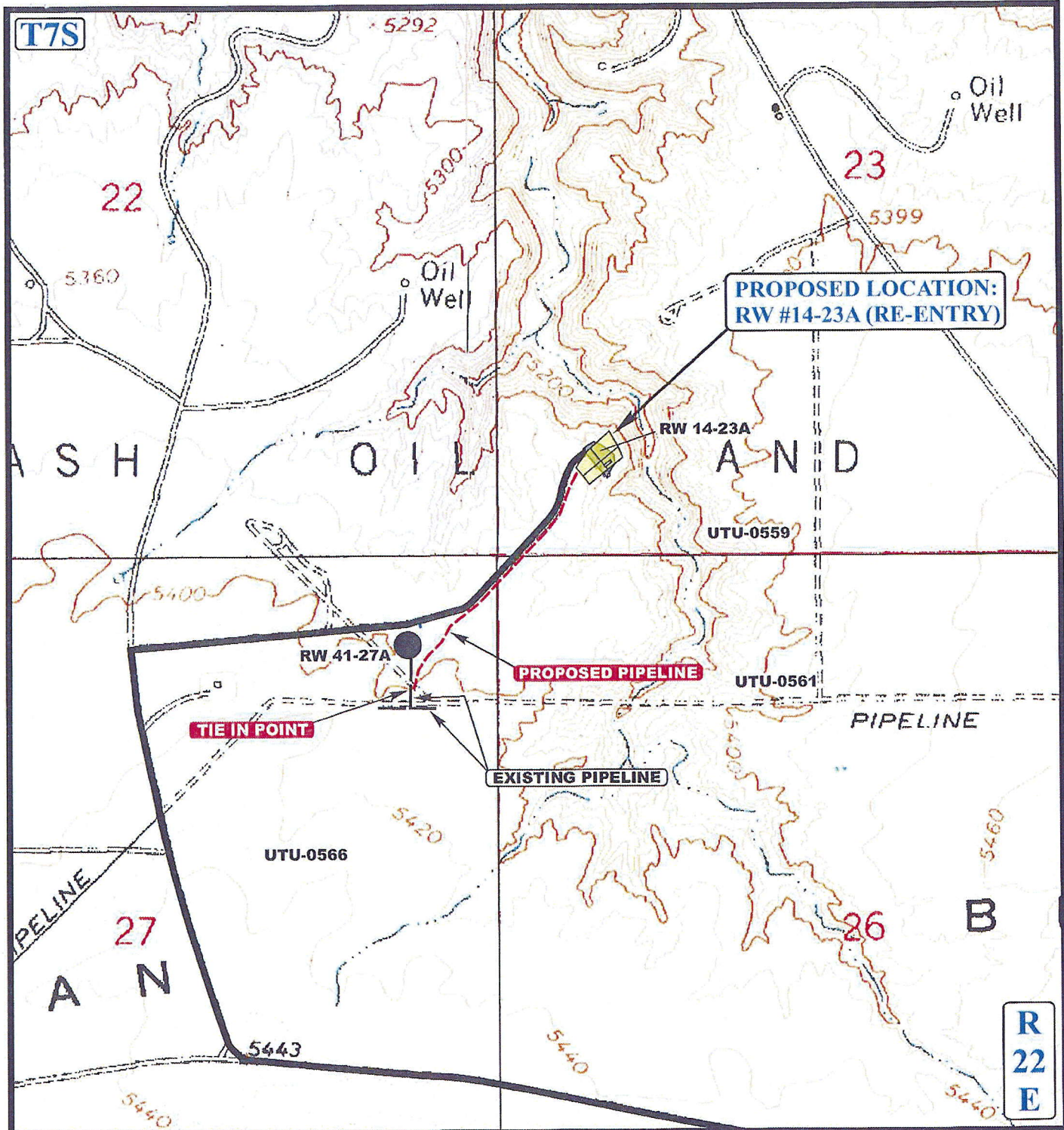
QEP ENERGY COMPANY

RW #14-23A (RE-ENTRY)
SECTION 23, T7S, R22E, S.L.B.&M.
664' FSL 758' FWL

UEIS
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813




TOPOGRAPHIC MAP 03 15 11
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 00-00-00

C
TOPO



APPROXIMATE TOTAL PIPELINE DISTANCE = 2032' +/-

LEGEND:

-  EXISTING PIPELINE
-  PROPOSED PIPELINE
-  PROPOSED ACCESS

QEP ENERGY COMPANY

**RW #14-23A (RE-ENTRY)
SECTION 23, T7S, R22E, S.L.B.&M.
664' FSL 758' FWL**



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



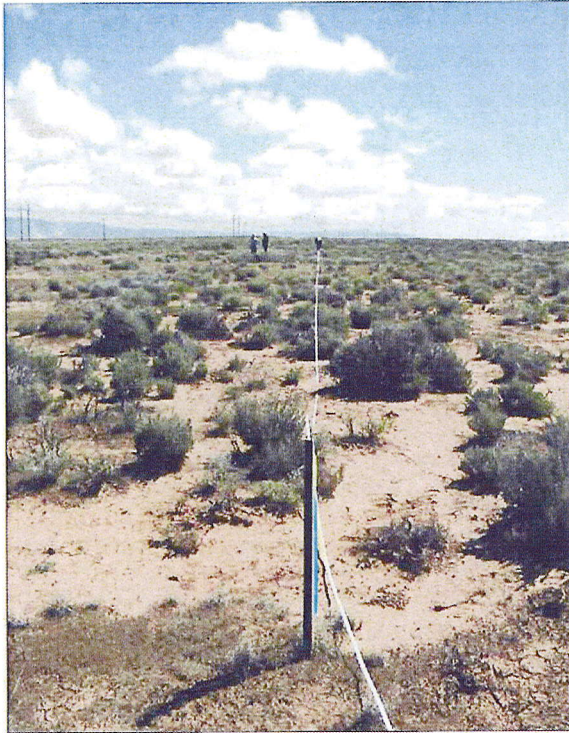
**TOPOGRAPHIC
MAP**

03	15	11
MONTH	DAY	YEAR

SCALE: 1" = 1000' DRAWN BY: J.L.G. REVISED: 00-00-00

**D
TOPO**

QEP ENERGY COMPANY
REFERENCE MAP: AREA OF VEGETATION
RW #14-23A (RE-ENTRY)
 LOCATED IN UINTAH COUNTY, UTAH
 SECTION 25, T7S, R22E, S.L.B.&M.

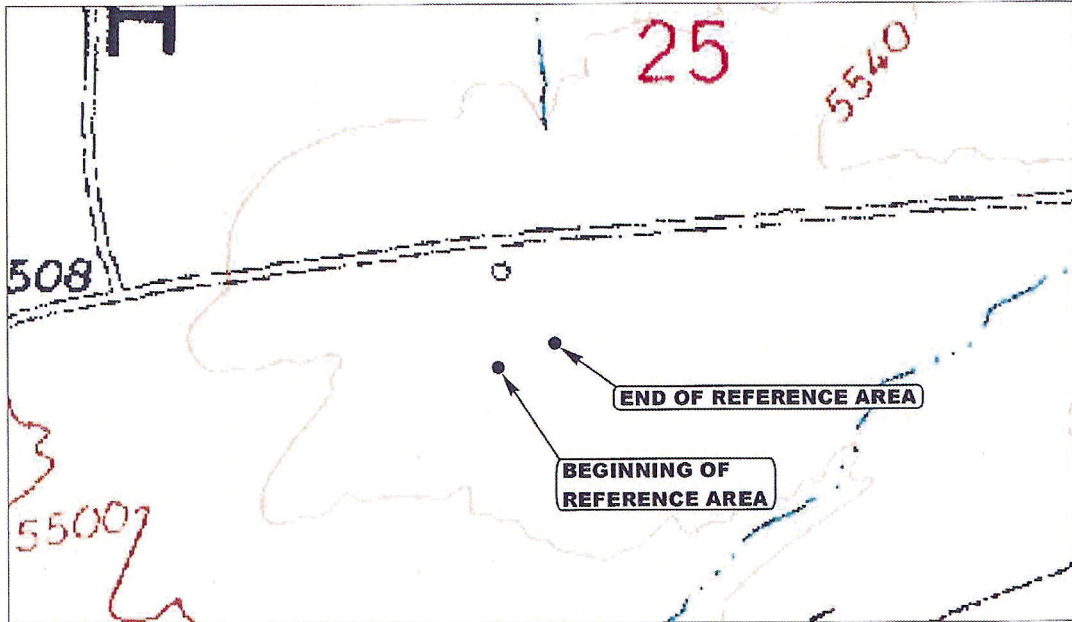


NOTE:

BEGINNING OF REFERENCE AREA
 UTM NORTHING: 14596167.399
 UTM EASTING: 2089941.311
 LATITUDE: 40.179489
 LONGITUDE: -109.390661

END OF REFERENCE AREA
 UTM NORTHING: 14596248.654
 UTM EASTING: 2090125.346
 LATITUDE: 40.179703
 LONGITUDE: -109.389997

PHOTO: VIEW FROM BEGINNING OF REFERENCE AREA



U E L S Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

SCALE: 1" = 300'

05	06	11
MONTH	DAY	YEAR

REF.

TAKEN BY: A.F.	DRAWN BY: Z.L.	REVISED: 00-00-00
----------------	----------------	-------------------

★ *check up*

WEED DATA SHEET

PROJECT NAME: *RW 14-23A*
SURVEYOR: Stephanie Tomkinson

DATE: *5-4-11*

	Location GPS Coordinates	Site Description	Weed Species	Cover Class or Number	Pattern	Infestation Size (acres)
1						
2						
3						
4						
5						
6						
7						

SITE DRAWING (Optional): Include a sketch of the infestation within the project area. Count the number of individuals if possible.

No noxious weeds on location.

***Cover Class-** estimated percent cover, by species, of the infestation

- 0 = No weeds found
- 1 = Less than 1% (trace)
- 2 = One to five % (low - occasional plants)
- 3 = Six to twenty-five % (moderate - scattered plants)
- 4 = Twenty-five to 100 % (high - fairly dense)

***Pattern -** pattern of the infestation

- 0 = No weeds found
- 1 = Single plant or small area of many plants
- 2 = Linear
- 3 = Patchy
- 4 = Block

***Infestation Size -** number of estimated acres of the infestation

- 0 = No weeds found
- 1 = Less than one acre
- 2 = One to five acres
- 3 = five or more acres

Cheatgrass canopy cover: 3

Russian thistle canopy cover: 3

Halogeton canopy cover: 3

Kochia canopy cover: 2

*same veg + people as
RW 32-28A*

(use ref site from RW 23-25A)

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 06/16/2011

API NO. ASSIGNED: 43-047-15176

WELL NAME: RW 14-23A
 OPERATOR: QEP ENERGY COMPANY (N3700)
 CONTACT: VALYN DAVIS

PHONE NUMBER: 435-781-4369

PROPOSED LOCATION:
 SWSW 23 070S 220E
 SURFACE: 0664 FSL 0758 FWL
 BOTTOM: 0664 FSL 0758 FWL
 COUNTY: UINTAH
 LATITUDE: 40.19159 LONGITUDE: -109.41321
 UTM SURF EASTINGS: 635075 NORTHINGS: 4450019
 FIELD NAME: RED WASH (665)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal
 LEASE NUMBER: U-0559
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

Plat

Bond: Fed[1] Ind[] Sta[] Fee[]
 (No. ESB000024)

Potash (Y/N)

Oil Shale 190-5 (B) or 190-3 or 190-13

Water Permit
 (No. 49-2153)

RDCC Review (Y/N)
 (Date: _____)

Fee Surf Agreement (Y/N)

Intent to Commingle (Y/N)

LOCATION AND SITING:

_____ R649-2-3.

Unit: RED WASH

_____ R649-3-2. General
 Siting: 460 From Qtr/Qtr & 920' Between Wells

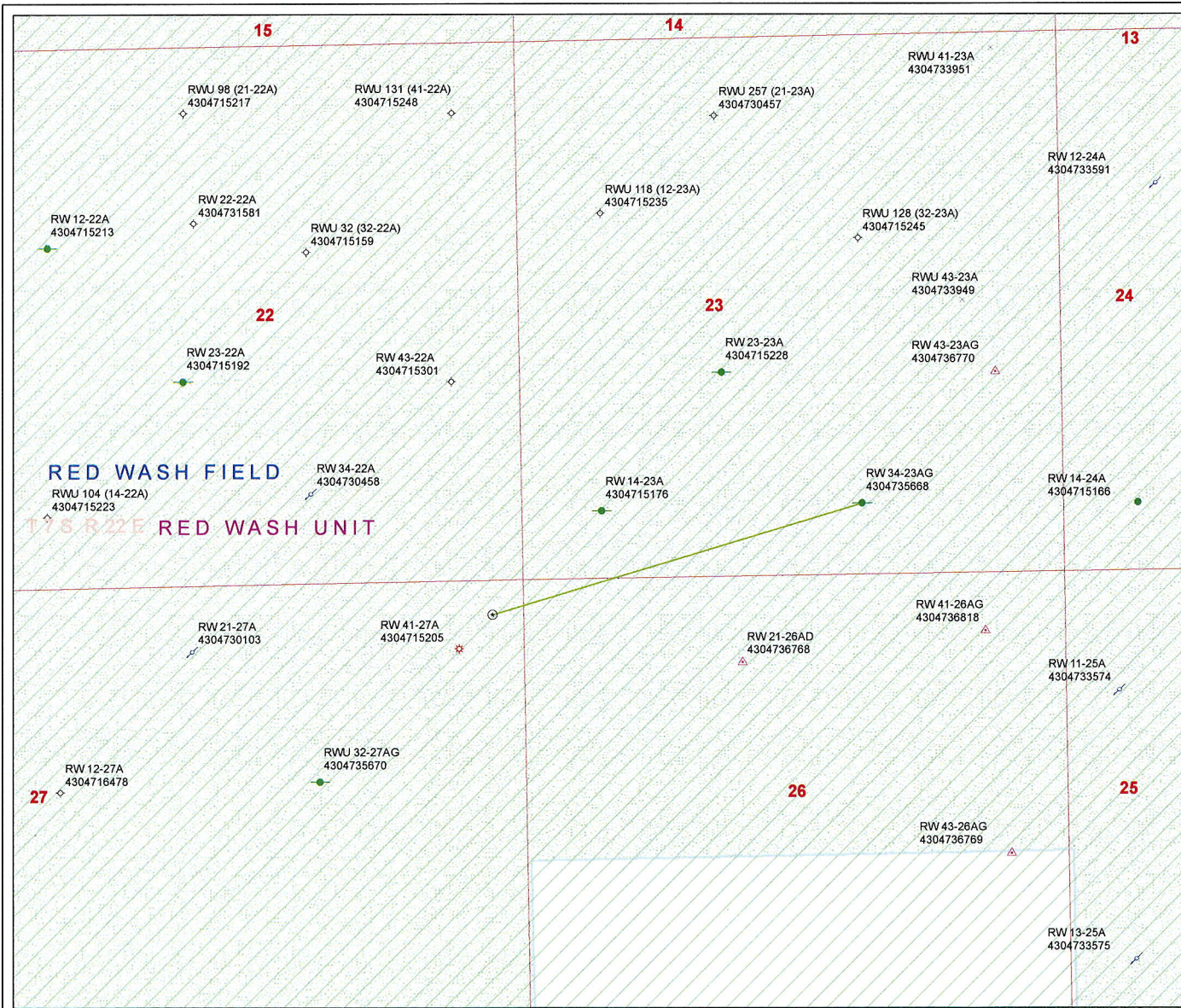
_____ R649-3-3. Exception

Drilling Unit
 Board Cause No: 187-07
 Eff Date: 9-18-2001
 Siting: Suspend General Siting

_____ R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: 1- Federal Approval



API Number: 4304715176

Well Name: RW 14-23A

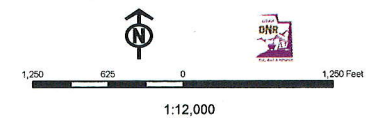
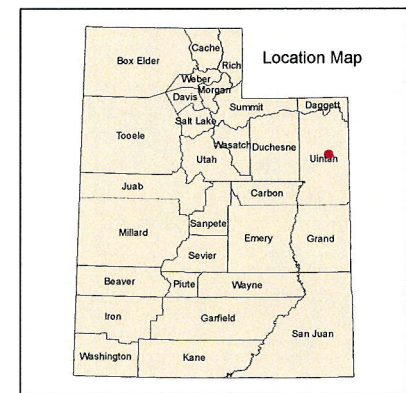
Township T0.7 . Range R2.2 . Section 23

Meridian: SLBM

Operator: QEP ENERGY COMPANY

Map Prepared:
Map Produced by Diana Mason

Units STATUS	Wells Query Status
ACTIVE	APD - Approved Permit
EXPLORATORY	DRL - Spudded (Drilling Commenced)
GAS STORAGE	GIW - Gas Injection
NF PP OIL	GS - Gas Storage
NF SECONDARY	LA - Location Abandoned
PI OIL	LOC - New Location
PP GAS	OPS - Operation Suspended
PP GEOTHERMAL	PA - Plugged Abandoned
PP OIL	PGW - Producing Gas Well
SECONDARY	POW - Producing Oil Well
TERMINATED	RET - Returned APD
	SGW - Shut-in Gas Well
	SOW - Shut-in Oil Well
	TA - Temp. Abandoned
	TW - Test Well
	WDW - Water Disposal
	WIW - Water Injection Well
	WSW - Water Supply Well
Fields STATUS	
Unknown	
ABANDONED	
ACTIVE	
COMBINED	
INACTIVE	
STORAGE	
TERMINATED	
Sections	
Township	



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

June 22, 2011

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2011 Plan of Development Red Wash Unit,
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for re-entry, deepening and completion in the Mesaverde Formation. The work is planned for calendar year 2011 within the Red Wash Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Mesaverde)		
43-047-15305	RW 23-25A Sec 25 T07S R22E 1853 FSL 1992 FWL	
43-047-15230	RW 32-28A Sec 28 T07S R22E 1980 FNL 1987 FEL	
43-047-30311	RW 12-26B Sec 26 T07S R23E 2103 FNL 0603 FWL	
43-047-30309	RW 14-18C Sec 18 T07S R24E 0892 FSL 0823 FWL	
43-047-15145	RW 32-17C Sec 17 T07S R24E 2054 FNL 1986 FEL	
43-047-30259	RW 43-26B Sec 26 T07S R23E 1979 FSL 0661 FEL	
43-047-15176	RW 14-23A Sec 23 T07S R22E 0664 FSL 0758 FWL	

This office has no objection to permitting the wells at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management,
ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2011.06.22 08:43:46 -0600

bcc: File - Red Wash Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:6-22-11



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 22, 2011

QEP Energy Company
11002 East 17500 South
Vernal, UT 84078

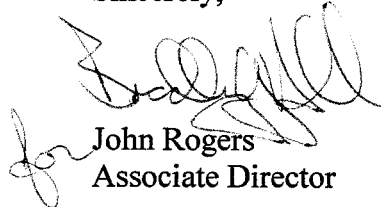
Subject: RW 14-23A Well, 664' FSL, 758' FWL, SW SW, Sec. 23, T. 7 South, R. 22 East, Uintah County, Utah

Ladies and Gentlemen:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause: 187-07. The expected producing formation or pool is the Mesaverde Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-15176.

Sincerely,


for John Rogers
Associate Director

JR/js
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal Office



Operator: _____ QEP Energy Company _____

Well Name & Number _____ RW 14-23A _____

API Number: _____ 43-047-15176 _____

Lease: _____ UTU-0559 _____

Location: SW SW Sec. 23 T. 7 South R. 22 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please let a voicemail message if not available)

OR

Submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <http://oilgas.ogm.utah.gov>

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 office
(801) 733-0983 after office hours

3. Reporting Requirements

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

- #### 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: U-0559	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME: RED WASH	
2. NAME OF OPERATOR: QEP ENERGY COMPANY		8. WELL NAME and NUMBER: RW 14-23A	
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078		9. API NUMBER: 43047151760000	
PHONE NUMBER: 303 308-3068 Ext		9. FIELD and POOL or WILDCAT: RED WASH	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0664 FSL 0758 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 23 Township: 07.0S Range: 22.0E Meridian: S		COUNTY: UINTAH	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 2/15/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="CONFIDENTIAL"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
<p>QEP ENERGY COMPANY REQUESTS THIS WELL BE FILED AS "CONFIDENTIAL".</p> <div style="text-align: right; margin-top: 20px;"> <p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>FOR RECORD ONLY</p> <p>February 21, 2012</p> </div>			
NAME (PLEASE PRINT) Valyn Davis		PHONE NUMBER 435 781-4369	TITLE Regulatory Affairs Analyst
SIGNATURE N/A		DATE 2/15/2012	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: U-0559	
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME: RED WASH	
1. TYPE OF WELL Oil Well	
8. WELL NAME and NUMBER: RW 14-23A	
2. NAME OF OPERATOR: QEP ENERGY COMPANY	
9. API NUMBER: 43047151760000	
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078	
PHONE NUMBER: 303 308-3068 Ext	
9. FIELD and POOL or WILDCAT: RED WASH	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0664 FSL 0758 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 23 Township: 07.0S Range: 22.0E Meridian: S	
COUNTY: UINTAH	
STATE: UTAH	

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/22/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP ENERGY COMPANY HEREBY REQUESTS A ONE YEAR EXTENSION FOR THE APD ON THE ABOVE CAPTIONED WELL.

Approved by the Utah Division of Oil, Gas and Mining

Date: June 28, 2012

By:

NAME (PLEASE PRINT) Valyn Davis	PHONE NUMBER 435 781-4369	TITLE Regulatory Affairs Analyst
SIGNATURE N/A	DATE 6/25/2012	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047151760000

API: 43047151760000

Well Name: RW 14-23A

Location: 0664 FSL 0758 FWL QTR SWSW SEC 23 TWNP 070S RNG 220E MER S

Company Permit Issued to: QEP ENERGY COMPANY

Date Original Permit Issued: 6/22/2011

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No

- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No

- Has the approved source of water for drilling changed? Yes No

- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

- Is bonding still in place, which covers this proposed well? Yes No

Signature: Valyn Davis

Date: 6/25/2012

Title: Regulatory Affairs Analyst Representing: QEP ENERGY COMPANY

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: U-0559
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: RED WASH
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: RW 14-23A
2. NAME OF OPERATOR: QEP ENERGY COMPANY	9. API NUMBER: 43047151760000
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078	PHONE NUMBER: 303 308-3068 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0664 FSL 0758 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 23 Township: 07.0S Range: 22.0E Meridian: S	9. FIELD and POOL or WILDCAT: RED WASH COUNTY: UINTAH STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/16/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP ENERGY COMPANY WOULD LIKE TO OPTIMIZE THE BOTTOM HOLE SPACING OF THE MESA VERDE DEVELOPMENT, THEREFORE, QEP ENERGY COMPANY WOULD LIKE TO **DRILL THIS WELL DIRECTIONALLY.**

**Approved by the
 Utah Division of
 Oil, Gas and Mining**

Date: July 30, 2012
By:

NAME (PLEASE PRINT) Valyn Davis	PHONE NUMBER 435 781-4369	TITLE Regulatory Affairs Analyst
SIGNATURE N/A	DATE 7/16/2012	



QEP Energy Company

11002 East 17500 South
Vernal, UT 84078
Telephone 435-781-4331
Fax 435-781-4395

July 16, 2012

Ms. Diana Mason
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, UT 84114-6100

RE: Directional Drilling R649-3-11
Red Wash Unit

RW 14-23A

664' FSL 758' FWL, SWSW, Section 23, T7S, R22E (Surface)
431' FSL 365' FWL, SWSW, Section 23, T7S, R22E (Bottom Hole)
Uintah County, Utah

Dear Ms. Mason:

Pursuant to the filing of QEP Energy Company Application for Permit to Drill regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649 -3-11 pertaining to the location and drilling of a directional well.

QEP Energy Company would like to optimize the bottom hole spacing of the Mesa Verde development; therefore, QEP Energy Company would like to drill this well directionally.

Furthermore, QEP Energy Company certifies that it is the sole working interest owner within 460 feet of the entire directional well bore.

Therefore, based on the above stated information QEP Energy Company requests the permit be granted pursuant to Rule R649-3-11.

Sincerely,

QEP Energy Company

A handwritten signature in blue ink that reads 'Valyn Davis'.

Valyn Davis
Regulatory Affairs Analyst

T7S, R22E, S.L.B.&M.

QEP ENERGY COMPANY

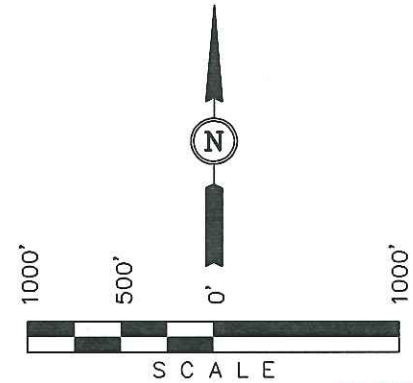
Well location, RW #14-23A (RE-ENTRY), located as shown in the SW 1/4 SW 1/4 of Section 23, T7S, R22E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



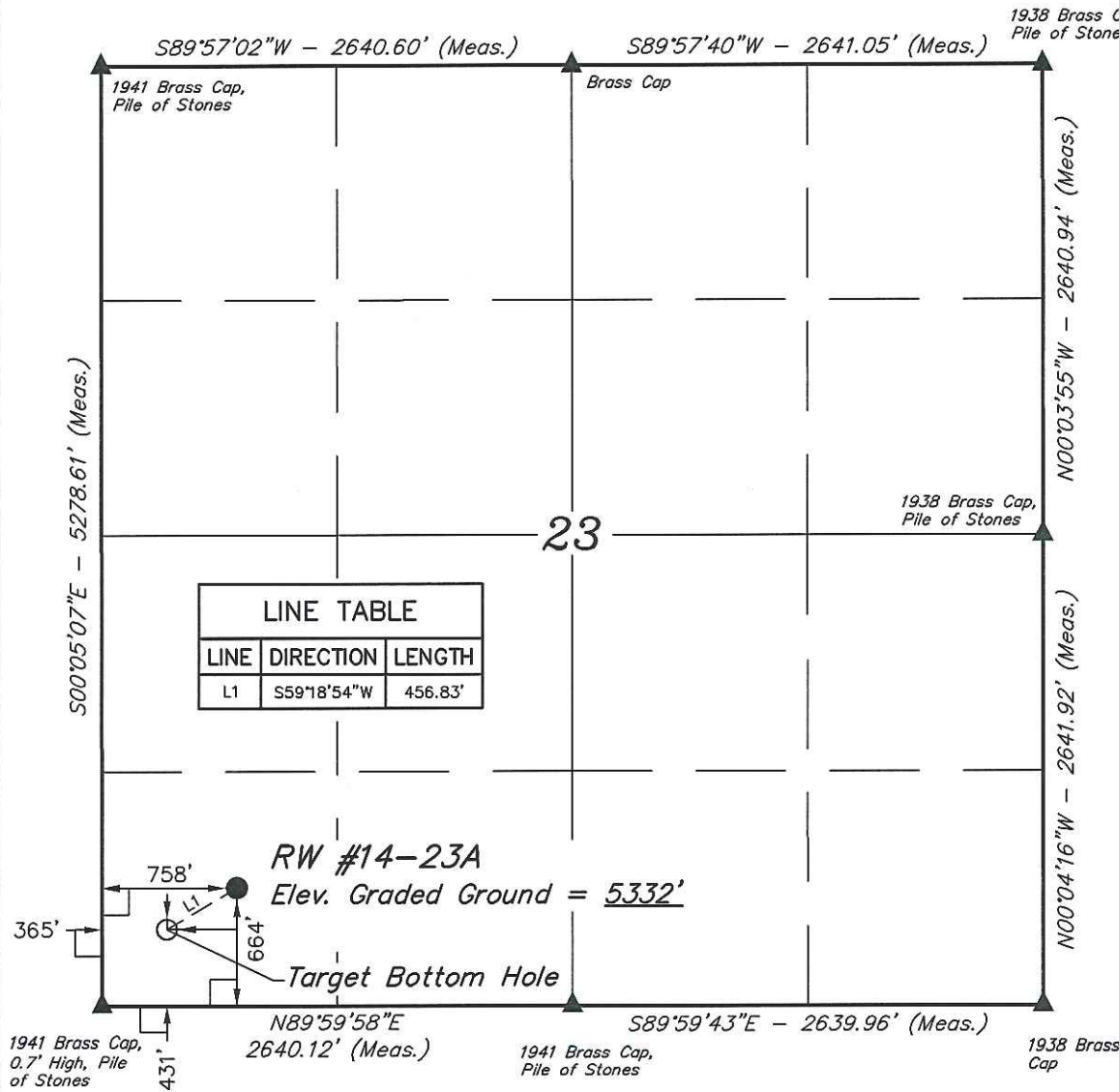
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

ROBERT KAY
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH
 07-13-12

REVISED: 07-09-12 R.L.L.

UINTAH ENGINEERING & LAND SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (435) 789-1017



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S59°18'54"W	456.83'

RW #14-23A
 Elev. Graded Ground = 5332'

Target Bottom Hole

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°11'27.30" (40.190917)	LONGITUDE = 109°24'55.30" (109.415361)	LATITUDE = 40°11'29.60" (40.191556)	LONGITUDE = 109°24'50.23" (109.413953)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°11'27.43" (40.190953)	LONGITUDE = 109°24'52.83" (109.414675)	LATITUDE = 40°11'29.73" (40.191592)	LONGITUDE = 109°24'47.76" (109.413267)

SCALE 1" = 1000'	DATE SURVEYED: 03-11-11	DATE DRAWN: 03-18-11
PARTY A.F. J.C. K.O.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE QEP ENERGY COMPANY	

Sundry Number: 27777 API Well Number: 43047151760000



QEP Energy Company

QEP ENERGY (UT)

Red Wash
RW 14-23A
RW 14-23A

Re-Entry

Plan: Plan ver.0

Standard Planning Report

14 June, 2012





QEP Resources, Inc.
Planning Report



Database:	EDMDB_QEP	Local Co-ordinate Reference:	Well RW 14-23A
Company:	QEP ENERGY (UT)	TVD Reference:	RKB @ 5345.80usft (AZTEC 781)
Project:	Red Wash	MD Reference:	RKB @ 5345.80usft (AZTEC 781)
Site:	RW 14-23A	North Reference:	True
Well:	RW 14-23A	Survey Calculation Method:	Minimum Curvature
Wellbore:	Re-Entry		
Design:	Plan ver.0		

Project	Red Wash		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		Using geodetic scale factor

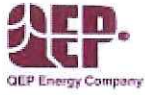
Site	RW 14-23A				
Site Position:		Northing:	7,245,294.802 usft	Latitude:	40.191556
From:	Lat/Long	Easting:	2,223,113.053 usft	Longitude:	-109.413953
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	1.34 °

Well	RW 14-23A					
Well Position	+N/-S	0.00 usft	Northing:	7,245,294.798 usft	Latitude:	40.191556
	+E/-W	0.00 usft	Easting:	2,223,113.053 usft	Longitude:	-109.413953
Position Uncertainty		0.00 usft	Wellhead Elevation:	5,331.80 usft	Ground Level:	5,331.80 usft

Wellbore	Re-Entry				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	6/14/2012	10.94	66.02	52,342

Design	Plan ver.0			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	239.31

Plan Sections											
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
6,245.00	0.00	0.00	6,245.00	0.00	0.00	0.00	0.00	0.00	0.00		
6,345.00	0.00	0.00	6,345.00	0.00	0.00	0.00	0.00	0.00	0.00		
7,107.56	15.25	254.36	7,098.59	-27.20	-97.16	2.00	2.00	0.00	254.36		
7,930.79	15.25	254.36	7,892.83	-85.59	-305.69	0.00	0.00	0.00	0.00		
9,455.91	0.00	254.36	9,400.00	-140.00	-500.00	1.00	-1.00	0.00	180.00		
9,805.91	3.50	131.00	9,749.78	-147.01	-491.93	1.00	1.00	0.00	131.00		
11,956.14	3.50	131.00	11,896.00	-233.13	-392.87	0.00	0.00	0.00	0.00		



QEP Resources, Inc.
Planning Report



Database:	EDMDB_QEP	Local Co-ordinate Reference:	Well RW 14-23A
Company:	QEP ENERGY (UT)	TVD Reference:	RKB @ 5345.80usft (AZTEC 781)
Project:	Red Wash	MD Reference:	RKB @ 5345.80usft (AZTEC 781)
Site:	RW 14-23A	North Reference:	True
Well:	RW 14-23A	Survey Calculation Method:	Minimum Curvature
Wellbore:	Re-Entry		
Design:	Plan ver.0		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,245.00	0.00	0.00	6,245.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,345.00	0.00	0.00	6,345.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,107.56	15.25	254.36	7,098.59	-27.20	-97.16	97.43	2.00	2.00	0.00	0.00
7,930.79	15.25	254.36	7,892.83	-85.59	-305.69	306.57	0.00	0.00	0.00	0.00
9,455.91	0.00	254.36	9,400.00	-140.00	-500.00	501.44	1.00	-1.00	0.00	0.00
9,805.91	3.50	131.00	9,749.78	-147.01	-491.93	498.08	1.00	1.00	0.00	0.00
11,956.14	3.50	131.00	11,896.00	-233.13	-392.87	456.83	0.00	0.00	0.00	0.00

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
RW 14-23A (13C1-23A)	0.00	0.00	9,476.00	-193.57	-439.39	7,245,091.047	2,222,678.330	40.191024	-109.415526	
- hit/miss target										
- Shape										
- plan misses target center by 80.39usft at 9534.36usft MD (9478.44 TVD, -140.35 N, -499.59 E)										
- Circle (radius 100.00)										

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")	
6,245.00	6,245.00	7"	7	9	

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
3,013.00	3,013.00	Green River		0.00		
3,931.00	3,931.00	Mahog. Bench		0.00		
6,556.19	6,556.00	Wasatch		0.00		
9,531.91	9,476.00	Mesaverde		0.00		
11,855.95	11,796.00	Sego		0.00		



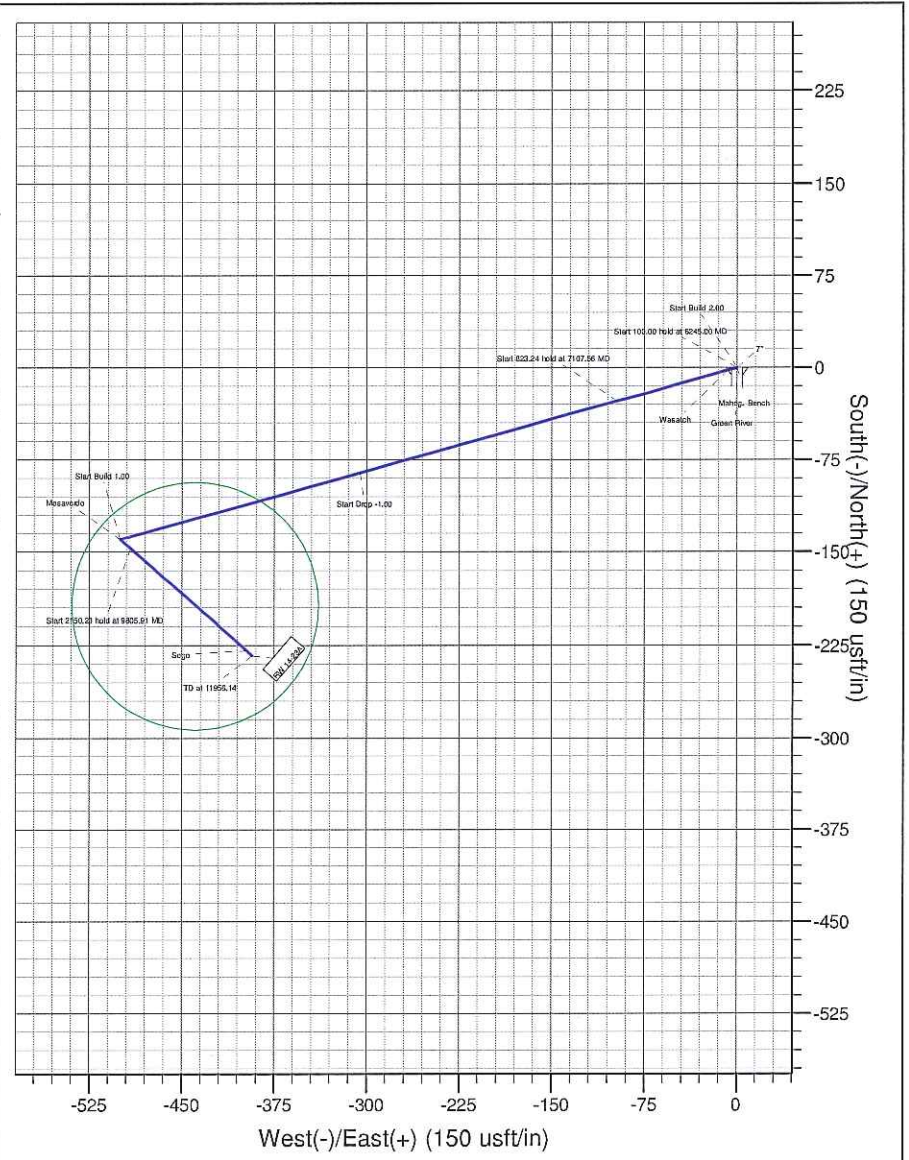
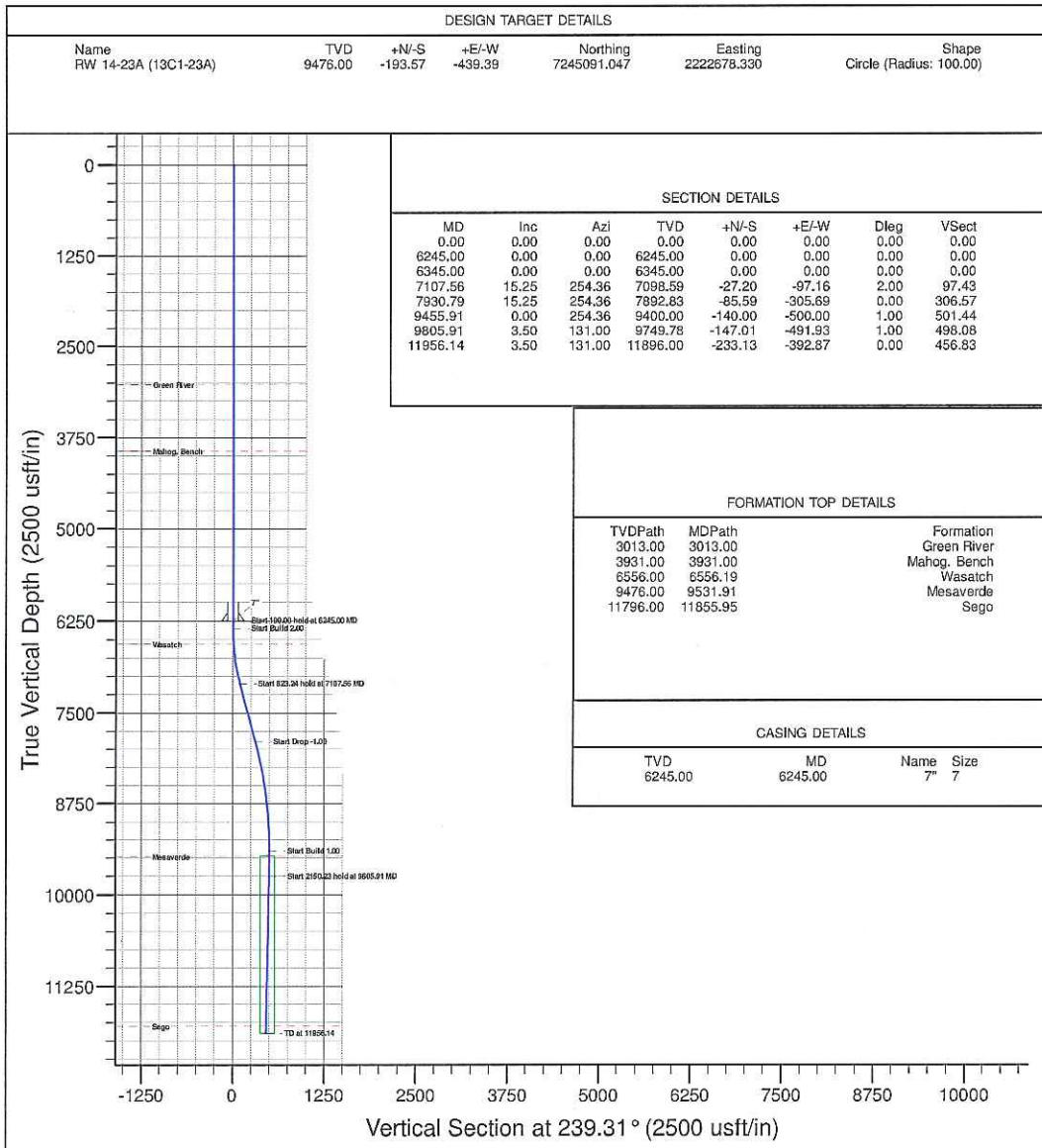
Company Name: QEP ENERGY (UT)



Azimuth to True North
Magnetic North: 10.94°
Magnetic Field
Strength: 52942.46nT
Dip Angle: 66.02°
Date: 01/4/2012
Model: IGRF2010

Project: Red Wash
Site: RW 14-23A
Well: RW 14-23A
Wellbore: Re-Entry
Design: Plan ver.0

WELL DETAILS: RW 14-23A							REFERENCE INFORMATION		PROJECT DETAILS: Red Wash	
Ground Level: 5331.80							Co-ordinate (N/E) Reference: Well RW 14-23A, True North		Geodetic System: US State Plane 1983	
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot	Vertical (TVD) Reference: RKB @ 5345.80usft (AZTEC 781)	Datum: North American Datum 1983		
0.00	0.00	7245294.798	2223113.052	40.181556	-109.413953		Section (VS) Reference: Slot - (0.00N, 0.00E)	Ellipsoid: GRS 1980		
							Measured Depth Reference: RKB @ 5345.80usft (AZTEC 781)		Zone: Utah Central Zone	
							Calculation Method: Minimum Curvature		System Datum: Mean Sea Level	



Sundry Number : 27777 API Well Number : 43047151760000

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER: U-0559
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7.UNIT or CA AGREEMENT NAME: RED WASH
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: RW 14-23A
2. NAME OF OPERATOR: QEP ENERGY COMPANY	9. API NUMBER: 43047151760000
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078	PHONE NUMBER: 303 308-3068 Ext
9. FIELD and POOL or WILDCAT: RED WASH	4. LOCATION OF WELL FOOTAGES AT SURFACE: 0664 FSL 0758 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 23 Township: 07.0S Range: 22.0E Meridian: S
	COUNTY: UINTAH STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 8/23/2012	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

DRILLING OF THIS WELL COMMENCED ON SEPTEMBER 23, 2012.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 September 25, 2012

NAME (PLEASE PRINT) Valyn Davis	PHONE NUMBER 435 781-4369	TITLE Regulatory Affairs Analyst
SIGNATURE N/A	DATE 9/24/2012	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: U-0559
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME: RED WASH
2. NAME OF OPERATOR: QEP ENERGY COMPANY		8. WELL NAME and NUMBER: RW 14-23A
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078		9. API NUMBER: 43047151760000
PHONE NUMBER: 303 308-3068 Ext		9. FIELD and POOL or WILDCAT: RED WASH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0664 FSL 0758 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 23 Township: 07.0S Range: 22.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/21/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THIS WELL COMMENCED PRODUCTION ON SEPTEMBER 21, 2012 @ 7:00
p.m.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
September 28, 2012**

NAME (PLEASE PRINT) Valyn Davis	PHONE NUMBER 435 781-4369	TITLE Regulatory Affairs Analyst
SIGNATURE N/A	DATE 9/24/2012	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: QEP ENERGY COMPANY Operator Account Number: N 3700
 Address: 11002 EAST 17500 SOUTH
city VERNAL
state UT zip 84078 Phone Number: (435) 781-4369

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304715196	RW 12-13B		SWNW	13	7S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
C	5670	18478	9/9/2012			9/27/2012	
Comments: GRRV TO WMMFD						CONFIDENTIAL	

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304715176	RW 14-23A		SWSW	23	7S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
C	5670	18478	8/23/2012			9/23/2012	
Comments: GRRV TO WMMFD						CONFIDENTIAL	

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304715230	RW 32-28A		SWNE	28	7S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
C	5670	18478	9/7/2012			9/17/2012	
Comments: GRRV TO WMMFD						CONFIDENTIAL	

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Valyn Davis

Name (Please Print)

Valyn Davis

Signature

Regulatory Affairs Analyst

9/24/2012

Title

Date

RECEIVED

SEP 26 2012

Div. of Oil, Gas & Mining

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT [] FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL [] GAS WELL [x] DRY [] OTHER []
b. TYPE OF WORK: NEW WELL [] HORIZ. LATS. [] DEEP-EN [x] RE-ENTRY [] DIFF. RESVR. [] OTHER []

2. NAME OF OPERATOR: QEP ENERGY COMPANY

3. ADDRESS OF OPERATOR: 11002 E. 17500 S. CITY VERNAL STATE UT ZIP 84078
PHONE NUMBER: (435) 781-4320

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: SWSW, 664' FSL, 758' FWL
AT TOP PRODUCING INTERVAL REPORTED BELOW: SWSW, 546' FSL, 273' FWL
AT TOTAL DEPTH: SWSW, 474' FSL, 285' FWL

5. LEASE DESIGNATION AND SERIAL NUMBER: UTU0559

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME: RED WASH

8. WELL NAME and NUMBER: RW 14-23A

9. API NUMBER: 4304715176

10. FIELD AND POOL, OR WILDCAT: RED WASH

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 23 7S 22E

12. COUNTY: UINTAH 13. STATE: UTAH

14. DATE SPUDED: 15. DATE T.D. REACHED: 16. DATE COMPLETED: 9/2/2012
ABANDONED [] READY TO PRODUCE [x] 17. ELEVATIONS (DF, RKB, RT, GL): 5346 KB

18. TOTAL DEPTH: MD 11,956 TVD 11,890
19. PLUG BACK T.D.: MD TVD
20. IF MULTIPLE COMPLETIONS, HOW MANY? *
21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each): CBL
23. WAS WELL CORED? NO [x] YES [] (Submit analysis)
WAS DST RUN? NO [x] YES [] (Submit report)
DIRECTIONAL SURVEY? NO [] YES [x] (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

Table with columns: HOLE SIZE, SIZE/GRADE, WEIGHT (#/ft.), TOP (MD), BOTTOM (MD), STAGE CEMENTER DEPTH, CEMENT TYPE & NO. OF SACKS, SLURRY VOLUME (BBL), CEMENT TOP **, AMOUNT PULLED. Row 1: 6.125, 4.5 HCR, 11.6, 0, 11,937, 635, 268.

25. TUBING RECORD

Table with columns: SIZE, DEPTH SET (MD), PACKER SET (MD). Row 1: 2.375, 10,412.

26. PRODUCING INTERVALS 27. PERFORATION RECORD

Table with columns: FORMATION NAME, TOP (MD), BOTTOM (MD), TOP (TVD), BOTTOM (TVD), INTERVAL (Top/Bot - MD), SIZE, NO. HOLES, PERFORATION STATUS. Row 1: MESA VERDE, 9,407, 11,893, 9,407, 11,893, .42, 144, Open [] Squeezed []

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

Table with columns: DEPTH INTERVAL, AMOUNT AND TYPE OF MATERIAL. Row 1: 9,407 - 11,893, 7,685 BBLS SLICKWATER, 167,000 LBS 30/50 SAND

RECEIVED
OCT 17 2012

DIV OF OIL, GAS & MINING

29. ENCLOSED ATTACHMENTS: [] ELECTRICAL/MECHANICAL LOGS [] GEOLOGIC REPORT [] DST REPORT [x] DIRECTIONAL SURVEY [] SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION [] CORE ANALYSIS [x] OTHER: OPS SUMMARY
30. WELL STATUS: PGW

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 9/21/2012		TEST DATE: 9/23/2012		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL – BBL: 33	GAS – MCF: 3,612	WATER – BBL: 270	PROD. METHOD: FLOWS
CHOKE SIZE: 18/64	TBG. PRESS. 2,410	CSG. PRESS. 3,028	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL: 33	GAS – MCF: 3,612	WATER – BBL: 270	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				GREEN RIVER	3,010
				MAHOGANY	3,928
				WASATCH	6,560
				MESA VERDE	9,375
				SEGO	11,958

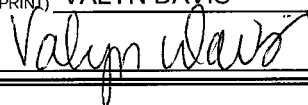
35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) VALYN DAVIS

TITLE REGULATORY AFFAIRS ANALYST

SIGNATURE



DATE 10/15/2012

This report must be submitted within 30 days of

- completing or plugging a new well
- reentering a previously plugged and abandoned well
- drilling horizontal laterals from an existing well bore
- significantly deepening an existing well bore below the previous bottom-hole depth
- recompleting to a different producing formation
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340
Fax: 801-359-3940



Directional Survey

QEP Energy Company

Well Name: RWU 14-23A (50)

API 43-047-15176		Surface Legal Location 023007S022E27		Field Name RED WASH		State UTAH		Well Configuration Type			
Ground Elevation (ft) 5,331.8		Casing Flange Elevation (ft) 5,331.80		Current KB to GL (ft) 14.00		Current KB to CF (ft) 14.00		Spud Date 8/17/1956 00:00		Rig Release Date 9/4/2012 01:00	
Wellbore Name ORIGINAL HOLE			Parent Wellbore ORIGINAL HOLE			Kick Off Depth (ftOTH) 0.0			Vertical Section Direction (°) 239.31		
Date			Definitive?			Description Main wellbore 8/23/2012			Proposed?		
MD Tie In (ftOTH)		TVDTie In (ftOTH)		Inclination Tie In (°)		Azimuth Tie In (°)		NSTie In (ft)		EWTie In (ft)	

Survey Data

MD (ftOTH)	Incl (°)	Azm (°)	Tool Type	Date	Survey Company	TVD (ftOTH)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Traverse Distance (ft)
6,080.00	0.43	51.52	GMS	8/23/2012	NATIVE	6,079.94	14.20	17.86	-22.60	0.01	0.01	0.85	22.81
6,259.00	0.40	284.50	MWD	8/23/2012	NATIVE	6,258.94	14.77	17.78	-22.83	0.42	-0.02	130.16	23.39
6,322.00	0.50	330.30	MWD	8/23/2012	NATIVE	6,321.94	15.06	17.43	-22.68	0.57	0.16	72.70	23.85
6,385.00	0.70	290.70	MWD	8/23/2012	NATIVE	6,384.94	15.44	16.94	-22.44	0.71	0.32	-62.86	24.47
6,448.00	0.70	260.05	MWD	8/23/2012	NATIVE	6,447.93	15.51	16.20	-21.84	0.59	0.00	-48.65	25.22
6,512.00	0.30	260.90	MWD	8/24/2012	NATIVE	6,511.93	15.41	15.65	-21.32	0.63	-0.62	1.33	25.77
6,576.00	1.50	280.30	MWD	8/24/2012	NATIVE	6,575.92	15.54	14.66	-20.53	1.91	1.87	30.31	26.77
6,640.00	3.30	285.00	MWD	8/24/2012	NATIVE	6,639.86	16.16	12.05	-18.62	2.83	2.81	7.34	29.45
6,703.00	5.00	273.90	MWD	8/24/2012	NATIVE	6,702.69	16.82	7.56	-15.09	2.97	2.70	-17.62	33.99
6,767.00	7.10	268.60	MWD	8/24/2012	NATIVE	6,766.33	16.91	0.82	-9.34	3.39	3.28	-8.28	40.73
6,830.00	8.60	265.80	MWD	8/24/2012	NATIVE	6,828.74	16.47	-7.77	-1.73	2.46	2.38	-4.44	49.33
6,893.00	9.90	271.30	MWD	8/24/2012	NATIVE	6,890.92	16.25	-17.88	7.08	2.49	2.06	8.73	59.44
6,957.00	11.70	272.10	MWD	8/24/2012	NATIVE	6,953.79	16.61	-29.86	17.20	2.82	2.81	1.25	71.43
7,021.00	14.10	268.40	MWD	8/24/2012	NATIVE	7,016.17	16.63	-44.14	29.47	3.96	3.75	-5.78	85.71
7,085.00	13.50	267.70	MWD	8/24/2012	NATIVE	7,078.32	16.12	-59.40	42.86	0.97	-0.94	-1.09	100.98
7,149.00	12.60	267.70	MWD	8/24/2012	NATIVE	7,140.67	15.54	-73.84	55.57	1.41	-1.41	0.00	115.43
7,213.00	13.10	266.10	MWD	8/24/2012	NATIVE	7,203.06	14.76	-88.05	68.18	0.96	0.78	-2.50	129.66
7,276.00	14.00	261.90	MWD	8/24/2012	NATIVE	7,264.31	13.20	-102.72	81.59	2.12	1.43	-6.67	144.41
7,340.00	14.60	261.50	MWD	8/25/2012	NATIVE	7,326.33	10.92	-118.36	96.21	0.95	0.94	-0.62	160.22
7,404.00	14.90	259.20	MWD	8/25/2012	NATIVE	7,388.22	8.19	-134.42	111.42	1.03	0.47	-3.59	176.51
7,467.00	16.10	256.70	MWD	8/25/2012	NATIVE	7,448.93	4.66	-150.88	127.37	2.18	1.90	-3.97	193.34
7,532.00	16.10	258.10	MWD	8/25/2012	NATIVE	7,511.38	0.73	-168.47	144.50	0.60	0.00	2.15	211.37
7,594.00	16.40	253.40	MWD	8/25/2012	NATIVE	7,570.90	-3.55	-185.27	161.13	2.18	0.48	-7.58	228.70
7,656.00	16.50	246.60	MWD	8/25/2012	NATIVE	7,630.37	-9.54	-201.74	178.36	3.11	0.16	-10.97	246.23
7,720.00	17.30	244.40	MWD	8/25/2012	NATIVE	7,691.61	-17.26	-218.66	196.85	1.60	1.25	-3.44	264.83
7,784.00	16.70	243.80	MWD	8/26/2012	NATIVE	7,752.81	-25.44	-235.50	215.50	0.98	-0.94	-0.94	283.55
7,848.00	15.60	243.00	MWD	8/26/2012	NATIVE	7,814.29	-33.40	-251.42	233.25	1.75	-1.72	-1.25	301.35
7,912.00	15.40	246.50	MWD	8/26/2012	NATIVE	7,875.96	-40.70	-266.88	250.27	1.49	-0.31	5.47	318.44
7,975.00	14.30	244.80	MWD	8/26/2012	NATIVE	7,936.85	-47.35	-281.59	266.32	1.88	-1.75	-2.70	334.59
8,039.00	16.00	246.70	MWD	8/26/2012	NATIVE	7,998.63	-54.20	-296.84	282.93	2.77	2.66	2.97	351.31
8,101.00	16.20	248.40	MWD	8/26/2012	NATIVE	8,058.20	-60.77	-312.73	299.95	0.83	0.32	2.74	368.50
8,166.00	15.30	249.50	MWD	8/26/2012	NATIVE	8,120.76	-67.11	-329.20	317.34	1.46	-1.38	1.69	386.14
8,229.00	15.90	256.80	MWD	8/26/2012	NATIVE	8,181.44	-71.99	-345.38	333.75	3.26	0.95	11.59	403.05
8,292.00	15.50	256.60	MWD	8/26/2012	NATIVE	8,242.09	-75.91	-361.98	350.02	0.64	-0.63	-0.32	420.10
8,355.00	13.80	252.80	MWD	8/26/2012	NATIVE	8,303.04	-80.08	-377.34	365.37	3.10	-2.70	-6.03	436.03
8,418.00	12.80	255.10	MWD	8/26/2012	NATIVE	8,364.35	-84.10	-391.27	379.39	1.80	-1.59	3.65	450.52
8,482.00	10.80	253.00	MWD	8/26/2012	NATIVE	8,427.00	-87.68	-403.85	392.04	3.20	-3.12	-3.28	463.60
8,546.00	9.10	249.40	MWD	8/26/2012	NATIVE	8,490.03	-91.21	-414.33	402.85	2.83	-2.66	-5.63	474.65
8,610.00	8.00	250.20	MWD	8/26/2012	NATIVE	8,553.32	-94.50	-423.25	412.21	1.73	-1.72	1.25	484.17
8,674.00	5.80	243.10	MWD	8/26/2012	NATIVE	8,616.85	-97.47	-430.33	419.81	3.68	-3.44	-11.09	491.84
8,738.00	5.50	244.60	MWD	8/26/2012	NATIVE	8,680.54	-100.25	-435.98	426.09	0.52	-0.47	2.34	498.14
8,802.00	5.00	250.30	MWD	8/26/2012	NATIVE	8,744.27	-102.51	-441.38	431.88	1.13	-0.78	8.91	503.99
8,866.00	4.80	242.20	MWD	8/26/2012	NATIVE	8,808.04	-104.70	-446.37	437.29	1.12	-0.31	-12.66	509.44
8,930.00	4.70	235.10	MWD	8/27/2012	NATIVE	8,871.82	-107.45	-450.89	442.58	0.93	-0.16	-11.09	514.73
8,993.00	4.20	240.10	MWD	8/27/2012	NATIVE	8,934.63	-110.07	-455.01	447.46	1.00	-0.79	7.94	519.62
9,057.00	5.10	261.60	MWD	8/27/2012	NATIVE	8,998.42	-111.66	-459.86	452.44	3.04	1.41	33.59	524.72
9,121.00	4.70	264.70	MWD	8/27/2012	NATIVE	9,062.19	-112.31	-465.28	457.44	0.75	-0.62	4.84	530.18



QEP Energy Company

Directional Survey

Well Name: RWU 14-23A (50)

API 43-047-15176		Surface Legal Location 023007S022E27		Field Name RED WASH		State UTAH		Well Configuration Type			
Ground Elevation (ft) 5,331.8		Casing Flange Elevation (ft) 5,331.80		Current KB to GL (ft) 14.00		Current KB to CF (ft) 14.00		Spud Date 8/17/1956 00:00		Rig Release Date 9/4/2012 01:00	

Survey Data

MD (ftOTH)	Incl (°)	Azm (°)	Tool Type	Date	Survey Company	TVD (ftOTH)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Traverse Distance (ft)
9,184.00	4.20	262.50	MWD	8/27/2012	NATIVE	9,125.00	-112.85	-470.14	461.89	0.84	-0.79	-3.49	535.07
9,248.00	3.50	253.10	MWD	8/27/2012	NATIVE	9,188.86	-113.73	-474.33	465.94	1.47	-1.09	-14.69	539.35
9,312.00	3.50	252.70	MWD	8/28/2012	NATIVE	9,252.74	-114.88	-478.07	469.74	0.04	0.00	-0.63	543.26
9,376.00	3.20	245.50	MWD	8/28/2012	NATIVE	9,316.63	-116.20	-481.56	473.42	0.81	-0.47	-11.25	546.99
9,440.00	2.90	247.30	MWD	8/28/2012	NATIVE	9,380.54	-117.56	-484.68	476.80	0.49	-0.47	2.81	550.40
9,504.00	2.70	240.00	MWD	8/28/2012	NATIVE	9,444.46	-118.94	-487.47	479.91	0.64	-0.31	-11.41	553.52
9,568.00	2.20	234.30	MWD	8/28/2012	NATIVE	9,508.40	-120.41	-489.78	482.64	0.87	-0.78	-8.91	556.25
9,632.00	2.50	230.60	MWD	8/28/2012	NATIVE	9,572.35	-122.01	-491.85	485.24	0.53	0.47	-5.78	558.87
9,695.00	2.70	239.20	MWD	8/28/2012	NATIVE	9,635.28	-123.65	-494.19	488.08	0.69	0.32	13.65	561.72
9,759.00	2.30	223.20	MWD	8/28/2012	NATIVE	9,699.22	-125.35	-496.36	490.82	1.25	-0.62	-25.00	564.49
9,822.00	2.20	217.30	MWD	8/28/2012	NATIVE	9,762.18	-127.24	-497.96	493.16	0.40	-0.16	-9.37	566.96
9,887.00	2.30	208.60	MWD	8/28/2012	NATIVE	9,827.13	-129.38	-499.34	495.44	0.55	0.15	-13.38	569.50
9,949.00	2.40	211.00	MWD	8/28/2012	NATIVE	9,889.07	-131.58	-500.61	497.65	0.23	0.16	3.87	572.04
10,013.00	1.90	213.60	MWD	8/28/2012	NATIVE	9,953.03	-133.61	-501.88	499.79	0.80	-0.78	4.06	574.44
10,076.00	1.90	211.00	MWD	8/28/2012	NATIVE	10,015.99	-135.38	-503.00	501.65	0.14	0.00	-4.13	576.53
10,140.00	1.90	199.50	MWD	8/28/2012	NATIVE	10,079.96	-137.29	-503.90	503.40	0.59	0.00	-17.97	578.64
10,203.00	2.00	193.50	MWD	8/29/2012	NATIVE	10,142.92	-139.34	-504.51	504.96	0.36	0.16	-9.52	580.78
10,267.00	2.00	193.40	MWD	8/29/2012	NATIVE	10,206.88	-141.51	-505.02	506.52	0.01	0.00	-0.16	583.02
10,330.00	2.10	190.90	MWD	8/29/2012	NATIVE	10,269.84	-143.72	-505.50	508.05	0.21	0.16	-3.97	585.27
10,394.00	2.00	182.60	MWD	8/29/2012	NATIVE	10,333.80	-145.98	-505.77	509.44	0.49	-0.16	-12.97	587.55
10,458.00	2.10	176.60	MWD	8/29/2012	NATIVE	10,397.76	-148.27	-505.75	510.59	0.37	0.16	-9.38	589.84
10,521.00	1.80	166.40	MWD	8/29/2012	NATIVE	10,460.72	-150.38	-505.45	511.41	0.73	-0.48	-16.19	591.97
10,585.00	1.60	170.60	MWD	8/29/2012	NATIVE	10,524.70	-152.24	-505.07	512.03	0.37	-0.31	6.56	593.87
10,648.00	1.80	134.20	MWD	8/29/2012	NATIVE	10,587.67	-153.80	-504.21	512.09	1.71	0.32	-57.78	595.65
10,712.00	1.70	138.80	MWD	8/29/2012	NATIVE	10,651.64	-155.21	-502.87	511.66	0.27	-0.16	7.19	597.60
10,776.00	1.90	124.40	MWD	8/29/2012	NATIVE	10,715.61	-156.53	-501.37	511.04	0.77	0.31	-22.50	599.59
10,839.00	2.30	133.20	MWD	8/29/2012	NATIVE	10,778.57	-157.98	-499.59	510.25	0.81	0.63	13.97	601.90
10,903.00	1.90	111.80	MWD	8/29/2012	NATIVE	10,842.53	-159.26	-497.66	509.25	1.36	-0.63	-33.44	604.20
10,967.00	2.00	127.50	MWD	8/29/2012	NATIVE	10,906.49	-160.33	-495.79	508.18	0.85	0.16	24.53	606.36
11,031.00	2.30	120.00	MWD	8/29/2012	NATIVE	10,970.44	-161.65	-493.79	507.14	0.64	0.47	-11.72	608.75
11,095.00	1.80	128.30	MWD	8/29/2012	NATIVE	11,034.40	-162.92	-491.89	506.15	0.91	-0.78	12.97	611.04
11,159.00	2.20	142.50	MWD	8/29/2012	NATIVE	11,098.36	-164.52	-490.36	505.65	0.99	0.63	22.19	613.25
11,222.00	2.10	134.80	MWD	8/29/2012	NATIVE	11,161.32	-166.29	-488.80	505.21	0.48	-0.16	-12.22	615.61
11,286.00	2.40	140.10	MWD	8/30/2012	NATIVE	11,225.27	-168.14	-487.11	504.70	0.57	0.47	8.28	618.12
11,350.00	2.20	144.80	MWD	8/30/2012	NATIVE	11,289.22	-170.17	-485.54	504.39	0.43	-0.31	7.34	620.69
11,414.00	2.40	134.30	MWD	8/30/2012	NATIVE	11,353.17	-172.11	-483.88	503.95	0.73	0.31	-16.41	623.25
11,475.00	2.20	132.90	MWD	8/31/2012	NATIVE	11,414.12	-173.80	-482.10	503.29	0.34	-0.33	-2.30	625.69
11,540.00	2.80	148.10	MWD	8/31/2012	NATIVE	11,479.06	-176.00	-480.35	502.90	1.37	0.92	23.38	628.51
11,604.00	2.90	141.50	MWD	8/31/2012	NATIVE	11,542.98	-178.59	-478.52	502.65	0.54	0.16	-10.31	631.68
11,668.00	2.80	157.30	MWD	8/31/2012	NATIVE	11,606.90	-181.30	-476.91	502.65	1.23	-0.16	24.69	634.83
11,731.00	2.80	147.90	MWD	8/31/2012	NATIVE	11,669.83	-184.03	-475.49	502.82	0.73	0.00	-14.92	637.90
11,794.00	2.90	168.20	MWD	8/31/2012	NATIVE	11,732.75	-186.89	-474.35	503.30	1.60	0.16	32.22	640.99
11,858.00	3.50	149.10	MWD	8/31/2012	NATIVE	11,796.65	-190.15	-473.02	503.82	1.90	0.94	-29.84	644.51

Operations Summary Report

Legal Well Name: RWU 14-23A (50)
 Common Well Name: RWU 14-23A (50)
 Event Name: RE-ENTER
 Contractor Name: AZTEC
 Rig Name: AZTEC

Spud Date: 8/17/1956
 Start: 8/20/2012 End: 9/4/2012
 Rig Release: 9/4/2012 Group:
 Rig Number: 781

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/21/2012	06:00 - 06:00	24.00	LOC	4	RDMO	RIG DOWN SUB, SCOPE IN DERRICK AND LAY OVER, RIG DOWN PUMPS, PASON AND ELETRICAL LINES WELDERS ON LOCATION WORKING ON PUMP DISCHARGE LINES, HAD 4 HAUL TRUCKS AND HAULED OFF PIPE TUBS CATWALK, 400 BBL UPRIGHTAND MUD TRAILORS
8/22/2012	06:00 - 20:30	14.50	LOC	3	RDMO	MOVE RIG FROM RW 12-13B TO THE RW 14-23A SET IN RIG, RIG UP BACKYARD, RAISE DERRICK, BRAKE BANDS BAD, NEW BANDS AND PADS COMING FROM FARMINGTON.
	20:30 - 06:00	9.50	LOC	4	RDMO	RIG UP, INSTALLED REWELDED #2 PUMP DISCHARGE, RIG UP PAYSON LINES, HOOK UP ELECTRICAL, INSTALL SAFETY EQUIPMENT, HOOK UP TOP, TOP DRIVE TRACK
8/23/2012	06:00 - 14:00	8.00	RIG	2	MIRU	INSPECT BRAKE LINKAGE/ WORK ON BREAK BANDS (INSTALL AND AJUST BRAKES)-- RE-INSTALL BRAKE GAURDS
	14:00 - 20:00	6.00	LOC	4	MIRU	RIG UP TOP DRIVE, TRACK, (CHANGE OUT HAMMER UNION ON KELLY HOSE AND SAVER SUB)
	20:00 - 00:00	4.00	LOC	4	MIRU	HOOK UP BUSTER LINES, FINISH HOOKING UP PASON, RIG UP RIG FLOOR WITH 3 1/2 " TOOLS, FILL MUD TANKS (PUMP THRU POP OFF LINES)
	00:00 - 06:00	6.00	BOP	1	MIRU	PJSM / JHA, SET CROSS OVER, SPACER SPOOL AND NIPPLE UP BOPE
8/24/2012	06:00 - 12:30	6.50	BOP	2	DRLPRO	PJSM/JHA TEST BOP-- TIW VALVE, IBOP AND LOWER KELLY VALVE, PIPE AND BLIND RAMS, INNER AND OUTER CHOKE VALVES AND CHOKE MANIFOLD 250 PSI LOW (10 MIN.), 5000 PSI HI (10 MIN.), TESTED ANNULAR 250 PSI LOW (10 MIN.) 2500 PSI HI (10 MIN.), (HAD TO RETIGHEN FLANGES ON BOPE TWICE)
	12:30 - 13:30	1.00	TRP	1	DRLPRO	PRE JOB SAFETY MEETING--RIG UP LAYDOWN TRUCK TO PICK UP BHA AND DRILL PIPE
	13:30 - 18:30	5.00	TRP	3	DRLPRO	PICK UP BHA SCRIBE AND TEST MWD, PICK UP DRILL PIPE TAG BRIDGE PLUG @ 5,020'
	18:30 - 19:00	0.50	DRL	4	DRLPRO	DRILL COMPOSITE BRIDGE PLUG
	19:00 - 20:30	1.50	TRP	3	DRLPRO	PICK UP DRILL PIPE TAG BOTTOM @ 6,248'
	20:30 - 21:30	1.00	CIRC	1	DRLPRO	CIRCULATE BOTTOMS UP WHILE RIGGING DOWN LAY-DOWN TRUCK
	21:30 - 01:00	3.50	LOG	4	DRLPRO	PJSM, RIG UP GYRO AND GYRO WELL THRU DRILL PIPE (GYRO TO 6200')
	01:00 - 05:30	4.50			DRLPRO	RIG DOWN GYRO DIRECTIONAL DRILL FROM 6248' TO 6621 (82.88 HR), 10/15 K WOB, ROTARY 35 RPM, 107 DHRPM, 1250 OFF BOTTOM PSI AT 140 STKS, 200/400 DIFFERENTIAL, 275 GPM, 8.6#, 34 VIS
						SEC FX55 6 1/8" BIT .7544 TFA HUNTING 5" MOTOR 7/8 LOBE, 2.6 STAGE, .26 RPG, 1.83 FIXED BEND
	05:30 - 06:00	0.50	SUR	1	DRLPRO	SURVEYS AND CONNECTIONS
8/25/2012	06:00 - 07:30	1.50	RIG	2	DRLPRO	CHANGE OUT LINER AND SWAB ON #1 PUMP #1 HOLE, #2 PUMP WOULDN'T START SO PUT RIG ON DOWN TIME
	07:30 - 16:30	9.00	DRL	2	DRLPRO	DIRECTIONAL SLIDE DRILL FROM 6,621' TO 6,875 (28.2HR), 10/15 K WOB, 72 DHRPM, 1600 OFF BOTTOM PSI AT 140 STKS, 200 DIFFERENTIAL, 275 GPM, 8.7#, 37 VIS (HAVE PROBLEMS HOLING TOOL FACE FORMATION RATTY)
	16:30 - 18:00	1.50	SUR	1	DRLPRO	CONNECTIONS AND SURVEYS (HAD TO RECYCLE PUMPS ACOUPLE OF TIMES TO GET SURVEYS)
	18:00 - 05:00	11.00	DRL	2	DRLPRO	DIRECTIONAL SLIDE DRILL FROM 6,875' TO 7,370 (45HR), 10/15 K

Operations Summary Report

Legal Well Name: RWU 14-23A (50)
 Common Well Name: RWU 14-23A (50)
 Event Name: RE-ENTER
 Contractor Name: AZTEC
 Rig Name: AZTEC

Spud Date: 8/17/1956
 Start: 8/20/2012
 End: 9/4/2012
 Rig Release: 9/4/2012
 Group:
 Rig Number: 781

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/25/2012	18:00 - 05:00	11.00	DRL	2	DRLPRO	WOB, 72 DHRPM, 1700 OFF BOTTOM PSI AT 140 STKS, 200/300 DIFFERENTIAL, 275 GPM, 8.7#, 37 VIS (HAVE PROBLEMS HOLING TOOL FACE FORMATION RATTY)
8/26/2012	05:00 - 06:00	1.00	SUR	1	DRLPRO	CONNECTIONS AND SURVEYS
	06:00 - 08:00	2.00	DRL	2	DRLPRO	DIRECTIONAL SLIDE DRILL FROM 7,370' TO 7,445 (37.5 HR), 10/15 K WOB, 72 DHRPM, 1700 OFF BOTTOM PSI AT 140 STKS, 200/300 DIFFERENTIAL, 275 GPM, 8.7#, 37 VIS
	08:00 - 08:30	0.50	RIG	1	DRLPRO	RIG SERVICE AND ADJUST BRAKES
	08:30 - 14:30	6.00	DRL	2	DRLPRO	DIRECTIONAL SLIDE DRILL FROM 7,445' TO 7,684 (39.8HR), 10/15 K WOB, 72 DHRPM, 1700 OFF BOTTOM PSI AT 140 STKS, 200/300 DIFFERENTIAL, 275 GPM, 8.7#, 37 VIS
	14:30 - 15:30	1.00	SUR	1	DRLPRO	CONNECTIONS AND SURVEYS
	15:30 - 20:30	5.00	TRP	10	DRLPRO	TRIP OUT OF HOLE TO CHANGE OUT BIT, PULLED MWD CHECKED SCRIBE
	20:30 - 21:00	0.50	RIG	2	DRLPRO	CHANGE OUT HOSE ON TORQUE SENSOR GAUGE
	21:00 - 00:00	3.00	TRP	2	DRLPRO	TRIP IN HOLE WITH NEW BIT TO SHOE AT 6248
	00:00 - 01:30	1.50	RIG	6	DRLPRO	PJSM, SLIP AND CUT 105' OF DRILL LINE RE-SET COM AND TEST
	01:30 - 02:00	0.50	TRP	2	DRLPRO	TRIP IN HOLE TO 7620'
	02:00 - 02:30	0.50	REAM	1	DRLPRO	SAFETY WASH AND REAM 64' TO BOTTOM AND PATTERN BIT
	02:30 - 05:30	3.00	DRL	2	DRLPRO	DIRECTIONAL SLIDE DRILL FROM 7,684' TO 7,850 (55.3HR), 10/20 K WOB, 72 DHRPM, 1800 OFF BOTTOM PSI AT 140 STKS, 200/300 DIFFERENTIAL, 275 GPM, 8.7#, 37 VIS
	8/27/2012	05:30 - 06:00	0.50	SUR	1	DRLPRO
06:00 - 16:30		10.50	DRL	2	DRLPRO	DIRECTIONAL SLIDE DRILL FROM 7,850' TO 8,400 (52.3' HR), 10/20 K WOB, 72 DHRPM, 1800 OFF BOTTOM PSI AT 140 STKS, 200/300 DIFFERENTIAL, 275 GPM, 8.7#, 37 VIS
16:30 - 17:00		0.50	RIG	1	DRLPRO	RIG SERVICE, CHANGE GEN.S, CHECK OIL AND FLUIDS IN ALL MOTORS
17:00 - 18:00		1.00	SUR	1	DRLPRO	CONNECTIONS AND SURVEYS
18:00 - 05:00		11.00	DRL	2	DRLPRO	DIRECTIONAL SLIDE DRILL FROM 8,400' TO 9,015 (55.9' HR), 10/20 K WOB, 72 DHRPM, 1800 OFF BOTTOM PSI AT 140 STKS, 200/300 DIFFERENTIAL, 275 GPM, 9.2#, 40 VIS
8/28/2012	05:00 - 06:00	1.00			DRLPRO	CONNECTIONS AND SURVEYS
	06:00 - 10:30	4.50	DRL	2	DRLPRO	DIRECTIONAL SLIDE DRILL FROM 9,015' TO 9,162 (32.6' HR), 10/20 K WOB, 72 DHRPM, 2100 OFF BOTTOM PSI AT 140 STKS, 200/300 DIFFERENTIAL, 275 GPM, 9.2#, 40 VIS
	10:30 - 11:00	0.50	RIG	1	DRLPRO	RIG AND TOP DRIVE SERVICE
	11:00 - 15:00	4.00	DRL	2	DRLPRO	DIRECTIONAL SLIDE DRILL FROM 9,162' TO 9313' (37.75 HR), 10/20 K WOB, 72 DHRPM, 2100 OFF BOTTOM PSI AT 140 STKS, 200/300 DIFFERENTIAL, 275 GPM, 9.2#, 42 VIS
	15:00 - 15:30	0.50	CIRC	1	DRLPRO	CIRCULATE AND PUMP TRIP SLUG
	15:30 - 23:30	8.00	TRP	2	DRLPRO	PJSM, TRIP OUT OF HOLE, CHECK MWD, CHANGE OUT MUD MOTOR, BIT, SCRIBE, TRIP IN HOLE TO 2604 / ATEMPT TO FILL PIPE AND PIPE WAS PLUGGED
	23:30 - 02:30	3.00	TRP	2	DRLPRO	PJSM, TRIP OUT WET AND LAY DOWN LOCKED UP / PLUGED MOTOR PICK UP NEW MOTOR ORIENT AND TEST

Operations Summary Report

Legal Well Name: RWU 14-23A (50)
 Common Well Name: RWU 14-23A (50)
 Event Name: RE-ENTER
 Contractor Name: AZTEC
 Rig Name: AZTEC

Spud Date: 8/17/1956
 Start: 8/20/2012 End: 9/4/2012
 Rig Release: 9/4/2012 Group:
 Rig Number: 781

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/28/2012	02:30 - 03:00 03:00 - 06:00	0.50 3.00	RIG TRP	2 2	DRLPRO DRLPRO	DRUM CLUTCH NOT KICKING IN / ROTARY SWITCH SHUT OFF TRIP IN HOLE WITH BIT #3 FUNCTION BLINDS AND PIPES 6 1/8" ULTERA U613, 6-16, 1.1781 TFA, #UO1589 4 3/4" HUNTING MOTOR, 7/8 LOBE, 2.6 STAGE, .26 RPG, 1.83 FIXED BEND
8/29/2012	06:00 - 08:00 08:00 - 08:30 08:30 - 09:00 09:00 - 17:00 17:00 - 18:00 18:00 - 05:00	2.00 0.50 0.50 8.00 1.00 11.00	TRP REAM RIG DRL SUR DRL	2 1 1 2 1 2	DRLPRO DRLPRO DRLPRO DRLPRO DRLPRO DRLPRO	TRIP IN HOLE WITH BIT #3 TO 9,205 WASH FROM 9,205 TO 9,313 SERVICE RIG (CHECK ALL EQUIPMENT) DIRECTIONAL SLIDE DRILL FROM 9,313' TO 9,772' (57.37HR), 10/18 K WOB, 103 DHRPM, 2100 OFF BOTTOM PSI AT 140 STKS, 200/300 DIFFERENTIAL, 275 GPM, 9.3#, 39 VIS CONNECTIONS AND SURVEYS AT 9,804' WORKED PIPE SEVERL TIMES TO ACQUIRE PULSES DIRECTIONAL SLIDE DRILL FROM 9,772' TO 10,289' (47 HR), 16/18 K WOB, 103 DHRPM, 2150 OFF BOTTOM PSI AT 140 STKS, 300/500 DIFFERENTIAL, 275 GPM, 9.5#, 38 VIS
8/30/2012	05:00 - 06:00 06:00 - 16:30 16:30 - 17:00 17:00 - 18:00 18:00 - 04:30 04:30 - 06:00	1.00 10.50 0.50 1.00 10.50 1.50	SUR DRL RIG SUR DRL SUR	1 2 1 1 2 1	DRLPRO DRLPRO DRLPRO DRLPRO DRLPRO DRLPRO	SURVEYS AND CONNECTIONS DIRECTIONAL SLIDE DRILL FROM 10,289' TO 10,853' (53.71 HR), 16/18 K WOB, 103 DHRPM, 2200 OFF BOTTOM PSI AT 130 STKS, 300/600 DIFFERENTIAL, 225 GPM, 9.9#, 38 VIS RIG AND TOP DRIVE SERVICE SURVEYS AND CONNECTIONS DIRECTIONAL SLIDE DRILL FROM 10,853' TO 11,330' (45.42 HR), 16/18 K WOB, 103 DHRPM, 2300 OFF BOTTOM PSI AT 130 STKS, 300/600 DIFFERENTIAL, 225 GPM, 9.9#, 38 VIS SURVEYS AND CONNECTIONS
8/31/2012	06:00 - 13:00 13:00 - 13:30 13:30 - 14:30 14:30 - 17:30 17:30 - 00:30 00:30 - 02:00	7.00 0.50 1.00 3.00 7.00 1.50	DRL SUR TRP FISH TRP TRP	2 1 10 6 10 1	DRLPRO DRLPRO DRLPRO DRLPRO DRLPRO DRLPRO	HAD TROUBLE GETTING A PULSE FOR SURVEYS ON A FEW OCASIONS DIRECTIONAL SLIDE DRILL FROM 10,330' TO 11,517' (26.7 HR), 16/18 K WOB, 103 DHRPM, 2300 OFF BOTTOM PSI AT 130 STKS, 300/600 DIFFERENTIAL, 225 GPM, 9.9#, 38 VIS (TORQUING UP AND STALLING MOTOR, HAVING TO RE-SYNC MWD TOOL TO GET GAMMA DATA) SURVEYS AND CONNECTIONS TRIP OUT OF HOLE TO CHANGE BIT, MOTOR, MWD AND JARS WORK STUCK BIT, PULLED BIT INTO TIGHT SPOT IN WELL, TRY JARRING DOWN ON IT JARS FIRED 3 TIMES DOWN, THEN WOULDN'T FIRE, STARTED WHIPPING THE PIPE DOWN TO FREE UP, WITH NO LUCK, STARTED JARRING UP MADE HEAD WAY WITH FIRST LICK, KEPT JARRING UP, JARRED UP 12' FROM 10,494 TO 10,482 FREED UP, BACK REAMED NEXT 193', STRAIGHT PULLED FROM THERE TRIP OUT OF HOLE FROM 10,484 STAPPING PIPE STRAP = 11518.26 PIPE TALLY = 11517.2 DIFFERENCE = + 1.06 CHANGE OUT JARS, MOTOR, BIT AND MWD / TEST MWD

Operations Summary Report

Legal Well Name: RWU 14-23A (50)
 Common Well Name: RWU 14-23A (50)
 Event Name: RE-ENTER
 Contractor Name: AZTEC
 Rig Name: AZTEC

Spud Date: 8/17/1956
 Start: 8/20/2012 End: 9/4/2012
 Rig Release: 9/4/2012 Group:
 Rig Number: 781

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/31/2012	00:30 - 02:00	1.50	TRP	1	DRLPRO	6 1/8" ULTERA U613M, #14220, 6-16, 1.1781 TFA 4 3/4" HUNTING STRAIGHT MOTOR, 7/8 LOBE, 2.6 STAGE, .26 RPG, #H093
	02:00 - 02:30	0.50	RIG	1	DRLPRO	RIG SERVICE XO TONG DIES JHA, TRIP IN HOLE
9/1/2012	02:30 - 06:00	3.50	TRP	2	DRLPRO	TRIP IN HOLE WITH BIT #4
	06:00 - 09:00	3.00	TRP	2	DRLPRO	TRIP IN HOLE / WASH THROUGH BRIDGE AT 10,500
	09:00 - 09:30	0.50	REAM	1	DRLPRO	SAFETY WASH AND REAM FROM 11,470' TO 11,517'
	09:30 - 10:00	0.50	RIG	1	DRLPRO	RIG AND TOP DRIVE SERVICE ADJUST BREAKS ON DRUM
	10:00 - 17:30	7.50	DRL	2	DRLPRO	DIRECTIONAL SLIDE DRILL FROM 11,517' TO 11,902' (51.3 HR), 16/18 K WOB, 103 DHRPM, 2300 OFF BOTTOM PSI AT 130 STKS, 300/600 DIFFERENTIAL, 250 GPM, 10#, 38 VIS / CONTROL DRILLING AT 60 / 65 FT HR TO ENSURE GOOD GAMMA LOGS
	17:30 - 18:30	1.00	SUR	1	DRLPRO	SURVEYS AND CONNECTIONS
	18:30 - 19:00	0.50	DRL	2	DRLPRO	DIRECTIONAL SLIDE DRILL FROM 11,902' TO 11,920' (18' HR), 16/18 K WOB, 103 DHRPM, 2300 OFF BOTTOM PSI AT 130 STKS, 300/600 DIFFERENTIAL, 250 GPM, 10#, 38 VIS / CONTROL DRILLING AT 60 / 65 FT HR TO ENSURE GOOD GAMMA LOGS
	19:00 - 20:00	1.00	CIRC	1	DRLPRO	HAD 18 BBL. PIT GAIN AND 15' FLARE 9,473 UNITS OF GAS CIRCULATE BRING WT FROM 10.0 PPG TO 10.2, WELL STABLE
	20:00 - 21:00	1.00	DRL	2	DRLPRO	DIRECTIONAL SLIDE DRILL FROM 11,920' TO 11,943' (23' HR), 16/18 K WOB, 103 DHRPM, 2300 OFF BOTTOM PSI AT 130 STKS, 300/600 DIFFERENTIAL, 250 GPM, 10#, 38 VIS / CONTROL DRILLING AT 60 / 65 FT HR TO ENSURE GOOD GAMMA LOGS
	21:00 - 22:00	1.00	CIRC	5	DRLPRO	CIRCULATE FORMATION SAMPLE (BRING MUD WT UP TO 10.4)
	22:00 - 23:00	1.00	CIRC	1	DRLPRO	CIRCULATE MUD WT 10.4 BACK TO SURFACE
	23:00 - 01:00	2.00	TRP	14	DRLPRO	TRIP OUT OF HOLE TO 10,000' TIGHT 5 STANDS OFF BOTTOM
	01:00 - 02:00	1.00	CIRC	1	DRLPRO	CIRCULATE BOTTOMS UP TO DISPLACE BACK SIDE WITH 10.4# MUD
	02:00 - 02:30	0.50	BOP	3	DRLPRO	10' FLARE TO START / NO FLARE AT END OF CIRCULATION INSTALL NEW ROT HEAD RUBBER AND CHECK FOR FLOW
	02:30 - 03:30	1.00	TRP	2	DRLPRO	TRIP IN HOLE FROM 10,000' TO 11,800
	03:30 - 04:00	0.50	REAM	1	DRLPRO	SAFETY WASH TO BOTTOM
	04:00 - 06:00	2.00	CIRC	1	DRLPRO	CIRCULATE BOTTOMS UP, STUCK ON CHOKE @ 0400 CIRCULATE A BOTTOMS UP ON CHOKE, HAD 17 BBL. GAIN, 40' FLARE/ BRING MUD WT UP TO 10.6
9/2/2012	06:00 - 09:00	3.00	CIRC	1	CSGPRO	CIRCULATE AND BUILD VOLUME, WT MUD UP TO 10.6 / ADD LCM FOR SEEPAGE STARTED WITH 40 BBL.S HR DOWN TO LOSSING 4 BBL.S HR. WITH 5% LCM CIRCULATING @ 5.6 BBL. MIN
	09:00 - 11:30	2.50	RIG	2	CSGPRO	DRAWWORKS CHAIN BROKE/ WAITED ON CHAIN FORM TOWN (RIG DIDN'T HAVE BACK UP CHAIN)
	11:30 - 13:30	2.00	TRP	2	CSGPRO	PJSM, TRIP OUT FOR LOGS TO 8815' / HOLE NOT TAKING PROPER AMOUNT OF FLUID
	13:30 - 14:30	1.00	CIRC	1	CSGPRO	CIRCULAT BOTTOMS UP WITH FULL RETURNS (CIRCULATE OUT TRIP SLUG)
	14:30 - 16:00	1.50	TRP	2	CSGPRO	TRIP IN HOLE TO BOTTOM
	16:00 - 17:00	1.00	CIRC	1	CSGPRO	CIRCULATE BOTTOMS UP / CONDITION MUD/ 9BBL GAIN/ 15' FLARE -SHORT LIVED / 7323 UNITS GAS / BUILD TRIP SLUG

Operations Summary Report

Legal Well Name: RWU 14-23A (50)

Common Well Name: RWU 14-23A (50)

Event Name: RE-ENTER

Contractor Name: AZTEC

Rig Name: AZTEC

Spud Date: 8/17/1956

Start: 8/20/2012 End: 9/4/2012

Rig Release: 9/4/2012 Group:

Rig Number: 781

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations	
9/2/2012	16:00 - 17:00	1.00	CIRC	1	CSGPRO	RE-PLACED CHAIN AND REPAIRED GUARD	
	17:00 - 17:30	0.50	RIG	2	CSGPRO	FINISH GAURD ON DRAW-WORKS AND INSTALL	
	17:30 - 20:30	3.00	TRP	2	CSGPRO	TRIP OUT OF HOLE TO LOG	
	20:30 - 21:30	1.00	CIRC	1	CSGPRO	FLOW CHECK @ SHOE/ NO FLOW/CIRCULATE AND SPOT ECD SLUG @ SHOE 12.7 (40 BBL.S)	
	21:30 - 01:30	4.00	TRP	2	CSGPRO	TRIP OUT TO LOG HOLE / LAY DOWN MUD MOTOR	
	01:30 - 02:30	1.00	LOG	1	CSGPRO	CHECK FO FLOW AT BHA AND OUT	
	02:30 - 06:00	3.50	LOG	1	CSGPRO	PJSM WITH LOGGERS ON RIGGING UP, PICKING UP SORCE AND RUNNING OPEN HOLE LOGS CLEANED FLOOR	
9/3/2012	06:00 - 08:00	2.00	LOG	1	DRLPRO	RUN IN HOLE WITH LOGS AND HIT TIGHT SPOT AT 7854' AND WENT THROUGH LOGGERS TD WAS 11,968'	
	08:00 - 11:30	3.50	TRP	2	DRLPRO	FINISH WITH LOGGING AND RIG DOWN LOGGERS (HAD TROUBLE GETTING TOOL BACK INSIDE DRILL PIPE)	
	11:30 - 13:00	1.50	RIG	6	DRLPRO	MAKE UP TRI-CONE BIT, BIT SUB AND TRIP IN HOLE TO CASING SHOE	
	13:00 - 15:30	2.50	TRP	2	DRLPRO	SLIP AND CUT DRILLING LINE	
	15:30 - 18:00	2.50	CIRC	1	DRLPRO	TRIP IN HOLE FROM CASING SHOE,	
	18:00 - 23:30	5.50	TRP	3	DRLPRO	CIRCULATE SWEEP, CONDITION MUD, PUMP TRIP SLUG	
	23:30 - 00:00	0.50	RIG	1	DRLPRO	PJSM, LAY DOWN DRILL PIPE TO RUN 4 1/2" PRODUCTION CASING TO 2,040	
	00:00 - 00:30	0.50	RIG	2	DRLPRO	RIG SERVICE / RUNNING OUT OF DIESEL	
	00:30 - 03:00	2.50	TRP	3	DRLPRO	RIG REPAIR--DRAW-WORKS WIRING HARNESS MELTED-- MADE NEW GROUND	
	03:00 - 04:30	1.50	CSG	1	DRLPRO	LAY DOWN DRILL PIPE AND BHA	
	04:30 - 06:00	1.50	CSG	2	DRLPRO	PJSM / JHA WITH ALL, CHANGE OUT BALES, INSTALL CRT, RIG UP CASING CREW TO RUN PRODUCTION CASING	
							MAKE UP FLOAT EQUIPMENT, FILL PIPE AND TEST FLOATS, FILL AT 500', 1000', 2500', WITH CLEAN MUD (NO LCM)
							RUN 11,938' OF 4 1/2", 11.6#, HCP-110, LT&C CASING AS FOLLOWS: 1 FLOAT SHOE = 1.33' 1 FLOAT COLLAR = .93' 22 JTS CASING = 994.65 1 MARKER = 2.05' 22 JTS CASING = 1004.16' 1 MARKER = 2.05' 22 JTS CASING = 1011.07' 1 MARKER = 2.05' 21 JTS CASING = 971.03' 1 MARKER = 2.05' 173 JTS CASING = 7946.63'
9/4/2012	06:00 - 17:00	11.00	CSG	2	CSGPRO	CONTINUEING RUNNING PRODUCTION CASING FILLING PIPE AT 3334', 4817', CIRCULATE BOTTOMS UP AT 6272', FILL AT 7998', CIRCULATE AT 10,014', FILL AT 11,053', 11,507', AND WASH LAST 47' TO BOTTOM AT 11,945'	
	17:00 - 18:30	1.50	CIRC	1	CSGPRO	CIRCULATE HOLE TO CEMENT 4 1/2 PRODUCTION CASING	
	18:30 - 22:00	3.50	CMT	2	CSGPRO	HOLD PRE JOB SAFETY MEETING, RIG UP HALLIBURTON, PUMP CEMENT AS FOLLOWS: PRESSURE TEST LINES 5,000K, 10 BBL.S WATER, 20 BBL.S 10.7# PPG SUPER FLUSH, 10 BBL.S WATER, 206 BBL.S (400 SX.S) 10.9#PPG, YIELD 2.32, 10.65 GAL SX, CEMENT EXTENDA CEM , 62 BBL.S (235 SX.) 13.5# PPG YIELD 1.49, 7.04	

Operations Summary Report

Legal Well Name: RWU 14-23A (50)
 Common Well Name: RWU 14-23A (50)
 Event Name: RE-ENTER
 Contractor Name: AZTEC
 Rig Name: AZTEC

Spud Date: 8/17/1956
 Start: 8/20/2012 End: 9/4/2012
 Rig Release: 9/4/2012 Group:
 Rig Number: 781

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/4/2012	18:30 - 22:00	3.50	CMT	2	CSGPRO	GAL SX, CEMENT EXPANDACEM, CLEAN LINES AND DROP PLUG DIS-PLACED 185 BBL.S OF 2# KCL WATER... HAD 18 BBL.S OF CEMENT BACK TO SURFACE, FULL RETURNS THROUGH OUT CEMENT JOB ... PLUG BUMPED -FLOATS HELD-2 BBL.S BACK, RIG DOWN CEMENTERS
	22:00 - 23:00	1.00	BOP	1	CSGPRO	NIPPLE DOWN / PICK UP BOP AND SET 4 1/2" PRODUCTION SLIPS WITH 112K
	23:00 - 01:00	2.00	BOP	1	CSGPRO	FINISH NIPPLE DOWN, SET BOP BACK AND CHAIN OFF, INSTALL NIGHT CAP AND CLEAN MUD TANKS
	01:00 - 06:00	5.00	LOC	4	CSGPRO	RELEASE RIG AT 01:00 ON 9/4/2012 RIG DOWN, LAY DOWN TOP DRIVE AND TRACK.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: U-0559
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: RED WASH
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: RW 14-23A
2. NAME OF OPERATOR: QEP ENERGY COMPANY	9. API NUMBER: 43047151760000
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078	PHONE NUMBER: 303 595-5919 Ext
9. FIELD and POOL or WILDCAT: RED WASH	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0664 FSL 0758 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 23 Township: 07.0S Range: 22.0E Meridian: S	COUNTY: UINTAH STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/24/2016 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input checked="" type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP Energy Company respectfully requests approval to repair the casing in the above mentioned well. QEP plans to use a RBP and packer to isolate the leak and then use cement to fix the hole. Once the repair is made, the well will be returned to production.

Approved by the
October 25, 2016
Oil, Gas and Mining

Date: _____
 By: Dark Quif

NAME (PLEASE PRINT) Jan Nelson	PHONE NUMBER 435 781-4331	TITLE Permit Agent
SIGNATURE N/A	DATE 10/14/2016	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
5. LEASE DESIGNATION AND SERIAL NUMBER: U-0559	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: RED WASH	8. WELL NAME and NUMBER: RW 14-23A
1. TYPE OF WELL Gas Well	9. API NUMBER: 4304715176000
2. NAME OF OPERATOR: QEP ENERGY COMPANY	9. FIELD and POOL or WILDCAT: RED WASH
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078	PHONE NUMBER: 303 595-5919 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0664 FSL 0758 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 23 Township: 07.0S Range: 22.0E Meridian: S	COUNTY: Uintah STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input checked="" type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/28/2016	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 11-28-16 QEP Energy Company (QEP) repaired the casing in the referenced well. The production casing had parted at 26' from surface. To repair this QEP cut the production casing at 82' and replaced that section with new casing and re-attached it with an external casing patch. The new casing and patch were pressure tested to 4000 psi. The well was returned to production.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 December 30, 2016

NAME (PLEASE PRINT) Jan Nelson	PHONE NUMBER 435 781-4331	TITLE Permit Agent
SIGNATURE N/A	DATE 12/19/2016	

Division of Oil, Gas and Mining
 Operator Change/Name Change Worksheet-for State use only

Effective Date: 4/1/2018

FORMER OPERATOR:	NEW OPERATOR:
QEP Energy Company	Middle Fork Energy Uinta, LLC

Groups: Red Wash White River Wonsits Gypsum Hills Big Valley Stirrup So Nemo Kilimanjaro (Deep) Scylla South Red Wash Glen Bench Enh Rec <ulligan KJ2	
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--

WELL INFORMATION:

Well Name	API Number	Town	Dir	Range	Dir	Sec	Entity Number	Type	Status
See Attached List-1145 well total									

OPERATOR CHANGES DOCUMENTATION:

- Sundry or legal documentation was received from the **FORMER** operator on: 9/10/2018
- Sundry or legal documentation was received from the **NEW** operator on: 9/10/2018
- New operator Division of Corporations Business Number: 10937942-0161

REVIEW:

- Receipt of Acceptance of Drilling Procedures for APD on: 9/15/2018
- Reports current for Production/Disposition & Sundries: 10/2/2018
- OPS/SI/TA well(s) reviewed for full cost bonding: Approved by Dustin 10/30/2018
- UIC5 on all disposal/injection/storage well(s) Approved on: Approved by Dayne 9/13/2018
- Surface Facility(s) included in operator change: All QEP Facilities-23 total

NEW OPERATOR BOND VERIFICATION:

- State/fee well(s) covered by Bond Number(s):
- LPM9291321
 - LPM9297845-Individual Bond
 - LPM9297846-Individual Bond

DATA ENTRY:

- Well(s) update in the RBDMS on: 10/31/2018
- Group(s) update in RDBMS on: 10/31/2018
- Surface Facilities update in RBDMS on: 10/31/2018
- Entities Updated in RBDMS on: 10/31/2018

COMMENTS:

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

Well Name	API	Town	Dir	Range	Dir	Sec	Entity Number	Well Type	Well Status
RW 41-20B	4304715146	7	S	23	E	20	5670	Water Injection Well	Active
RW 21-23B	4304715151	7	S	23	E	23	5670	Water Injection Well	Active
RW 23-14B	4304715161	7	S	23	E	14	5670	Water Injection Well	Active
RW 41-28B	4304715182	7	S	23	E	28	5670	Water Injection Well	Active
RW 43-21A	4304715219	7	S	22	E	21	5670	Water Injection Well	Active
RW 41-24A	4304715221	7	S	22	E	24	5670	Water Injection Well	Active
RW 13-22B	4304715261	7	S	23	E	22	5670	Water Injection Well	Active
RW 23-15B	4304715267	7	S	23	E	15	5670	Water Injection Well	Active
RW 21-20B	4304715281	7	S	23	E	20	5670	Water Injection Well	Active
RW 33-13B	4304715289	7	S	23	E	13	5670	Water Injection Well	Active
WV 16	4304715447	8	S	21	E	15	5265	Water Injection Well	Active
WV 21	4304715452	8	S	21	E	16	5265	Water Injection Well	Active
WV 31	4304715460	8	S	21	E	14	5265	Water Injection Well	Active
WV 36	4304715464	8	S	21	E	10	5265	Water Injection Well	Active
WV 41	4304715469	8	S	21	E	15	5265	Water Injection Well	Active
WV 50	4304715477	8	S	21	E	15	5265	Water Injection Well	Active
RW 12-24B	4304716477	7	S	23	E	24	5670	Water Injection Well	Active
RW 33-22B	4304716479	7	S	23	E	22	5670	Water Injection Well	Active
GH 3	4304720002	8	S	21	E	20	5355	Water Injection Well	Active
WV 59	4304720018	8	S	21	E	14	5265	Water Injection Well	Active
WV 60	4304720019	8	S	21	E	15	5265	Water Injection Well	Active
WV 67	4304720043	8	S	21	E	15	5265	Water Injection Well	Active
WV 68	4304720047	8	S	21	E	15	5265	Water Injection Well	Active
RW 41-33B	4304720060	7	S	23	E	33	5670	Water Disposal Well	Active
WV 97	4304730014	8	S	21	E	11	5265	Water Injection Well	Active
WV 126	4304730796	8	S	21	E	21	5265	Water Injection Well	Active
GH 1-20	4304731006	8	S	21	E	20	5355	Water Injection Well	Active
GB 22-20	4304731356	8	S	22	E	20	13727	Water Injection Well	Active
WV 28-2	4304731524	8	S	21	E	11	5265	Water Injection Well	Active
GH 3-21	4304731604	8	S	21	E	21	5355	Water Injection Well	Active
WV 140	4304731707	8	S	21	E	15	5265	Water Injection Well	Active
WV 40-2	4304731798	8	S	21	E	10	5265	Water Injection Well	Active
WV 143	4304731808	8	S	21	E	10	5265	Water Injection Well	Active
WV 71-2	4304732449	8	S	21	E	15	5265	Water Injection Well	Active
WV 120	4304732462	8	S	21	E	22	5265	Water Injection Well	Active
GB 6-16	4304732549	8	S	22	E	16	13727	Water Injection Well	Active
GB 7-16	4304732582	8	S	22	E	16	13727	Water Injection Well	Active
GB 12-16	4304732583	8	S	22	E	16	13727	Water Injection Well	Active
GH 15	4304732648	8	S	21	E	20	5355	Water Injection Well	Active
GB 15-19-8-22	4304732756	8	S	22	E	19	13727	Water Injection Well	Active
FEDERAL 7-19-10-18	4304733244	10	S	18	E	19	14366	Water Source Well	Active

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

RW 13-19B	4304733497	7	S	23	E	19	5670	Water Injection Well	Active
RW 13-20B	4304733498	7	S	23	E	20	5670	Water Injection Well	Active
RW 33-19B	4304733499	7	S	23	E	19	5670	Water Injection Well	Active
RW 11-30B	4304733785	7	S	23	E	30	5670	Water Injection Well	Active
RW 33-30B	4304733790	7	S	23	E	30	5670	Water Injection Well	Active
SU 3W-5-8-22	4304733987	8	S	22	E	5	13321	Water Injection Well	Active
WV 3G-8-8-22	4304734596	8	S	22	E	8	5265	Water Injection Well	Active
RW 43-27AGR	4304753680	7	S	22	E	27	5670	Water Disposal Well	Active
RW 11-33B SWD	4304754035	7	S	23	E	33		Water Disposal Well	Active
RW H3-43-20C	4304755525	7	S	24	E	20		Gas Well	Approved Permit
RW H2-43-20C	4304755526	7	S	24	E	20		Gas Well	Approved Permit
RW H2-32-06F	4304755527	8	S	24	E	6		Gas Well	Approved Permit
RW H3-32-06F	4304755528	8	S	24	E	6		Gas Well	Approved Permit
RW H2-34-22C	4304755529	7	S	24	E	22		Gas Well	Approved Permit
RW H2-44-21C	4304755530	7	S	24	E	21		Gas Well	Approved Permit
RW H3-32-05F	4304755531	8	S	24	E	5		Gas Well	Approved Permit
RW 08C-21A	4304755651	7	S	22	E	21		Gas Well	Approved Permit
RW 07B1-21A	4304755652	7	S	22	E	21		Gas Well	Approved Permit
RW 02C1-21A	4304755653	7	S	22	E	21		Gas Well	Approved Permit
RW 02B1-21A	4304755654	7	S	22	E	21		Gas Well	Approved Permit
RW 15C1-16A	4304755655	7	S	22	E	21		Gas Well	Approved Permit
RW 15B1-16A	4304755656	7	S	22	E	21		Gas Well	Approved Permit
RW 10C1-16A	4304755657	7	S	22	E	21		Gas Well	Approved Permit
RW 10B1-16A	4304755658	7	S	22	E	21		Gas Well	Approved Permit
RW 09B-16A	4304755659	7	S	22	E	16		Gas Well	Approved Permit
RW 09C-16A	4304755660	7	S	22	E	16		Gas Well	Approved Permit
RW 01B-21A	4304755661	7	S	22	E	21		Gas Well	Approved Permit
RW 08B-21A	4304755662	7	S	22	E	16		Gas Well	Approved Permit
RW 01C-21A	4304755663	7	S	22	E	21		Gas Well	Approved Permit
RW 16B-16A	4304755664	7	S	22	E	21		Gas Well	Approved Permit
RW 16C-16A	4304755665	7	S	22	E	21		Gas Well	Approved Permit
KJ 42B-12A	4304755700	7	S	22	E	12		Gas Well	Approved Permit
SR 21B-3G	4304755731	8	S	23	E	3		Gas Well	Approved Permit
SR 21B-15G	4304755732	8	S	23	E	15		Gas Well	Approved Permit
SU 8M-12-7-21	4304736096	7	S	21	E	12	16610	Gas Well	Drilling Operations Suspended
RW 21-26AD	4304736768	7	S	22	E	26	5670	Oil Well	Drilling Operations Suspended
TU 14-9-7-22	4304737345	7	S	22	E	9	16811	Gas Well	Drilling Operations Suspended
SU 11M-8-7-22	4304739175	7	S	22	E	8	18471	Gas Well	Drilling Operations Suspended
RW 2C1-23B	4304752303	7	S	23	E	23	18478	Gas Well	Drilling Operations Suspended
RW 2C4-23B	4304752304	7	S	23	E	23	18478	Gas Well	Drilling Operations Suspended
RW 7B1-23B	4304752305	7	S	23	E	23	18478	Gas Well	Drilling Operations Suspended
RW 7B4-23B	4304752306	7	S	23	E	23	18478	Gas Well	Drilling Operations Suspended

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

RW 7C1-23B	4304752307	7	S	23	E	23	18478	Gas Well	Drilling Operations Suspended
RW 10B1-23B	4304752309	7	S	23	E	23	18478	Gas Well	Drilling Operations Suspended
RW 10B4-23B	4304752322	7	S	23	E	23	18478	Gas Well	Drilling Operations Suspended
RW 7C4-23B	4304752323	7	S	23	E	23	18478	Gas Well	Drilling Operations Suspended
RW 2B4-27B	4304752495	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 4B1-26B	4304752512	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 4B4-26B	4304752513	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 4C1-26B	4304752516	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 4C4-26B	4304752519	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 5B1-26B	4304752523	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 5B4-26B	4304752524	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 10B4-22B	4304752532	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 10C1-22B	4304752534	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 10C4-22B	4304752535	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 13C1-23B	4304752536	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 13C4-23B	4304752537	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 15B1-22B	4304752539	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 15C1-22B	4304752540	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 15C4-22B	4304752541	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 2B1-27B	4304752649	7	S	23	E	22	18478	Gas Well	Drilling Operations Suspended
RW 14-13B	4304715144	7	S	23	E	13	5670	Water Injection Well	Inactive
RW 14-24B	4304716472	7	S	23	E	24	5670	Water Injection Well	Inactive
RW 41-27B	4304716473	7	S	23	E	27	5670	Water Injection Well	Inactive
RW 14-21B	4304716497	7	S	23	E	21	5670	Water Injection Well	Inactive
RW 21-27A	4304730103	7	S	22	E	27	5670	Water Injection Well	Inactive
RW 34-22A	4304730458	7	S	22	E	22	5670	Water Injection Well	Inactive
RW 31-35B	4304730519	7	S	23	E	35	5670	Water Injection Well	Inactive
RW 11-36B	4304731052	7	S	23	E	36	5670	Water Injection Well	Inactive
GH 2-20	4304731066	8	S	21	E	20	5355	Water Injection Well	Inactive
RW 31-26B	4304731077	7	S	23	E	26	5670	Water Injection Well	Inactive
RW 42-35B	4304731081	7	S	23	E	35	5670	Water Injection Well	Inactive
GH 8-I	4304731932	8	S	21	E	20	5355	Water Injection Well	Inactive
GH 10	4304732306	8	S	21	E	21	5355	Water Injection Well	Inactive
GH 12	4304732458	8	S	21	E	19	5355	Water Injection Well	Inactive
GH 17	4304732649	8	S	21	E	20	5355	Water Injection Well	Inactive
RW 23-17B	4304732739	7	S	23	E	17	5670	Water Injection Well	Inactive
RW 43-17B	4304732980	7	S	23	E	17	5670	Water Injection Well	Inactive
RW 43-18B	4304732982	7	S	23	E	18	5670	Water Injection Well	Inactive
RW 11-20B	4304733553	7	S	23	E	20	5670	Water Injection Well	Inactive
RW 31-19B	4304733555	7	S	23	E	19	5670	Water Injection Well	Inactive
RW 11-29B	4304733590	7	S	23	E	29	5670	Water Injection Well	Inactive
RW 12-24A	4304733591	7	S	22	E	24	5670	Water Injection Well	Inactive

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

RW 34-13A	4304733593	7	S	22	E	13	5670	Water Injection Well	Inactive
GH 8G-17-8-21	4304737992	8	S	21	E	17	5355	Water Injection Well	Inactive
NBE 12SWD-10-9-23	4304738875	9	S	23	E	10	16477	Water Disposal Well	Inactive
WEST RIVER BEND 3-12-10-15	4301331888	10	S	15	E	12	14542	Oil Well	Plugged & Abandoned
WEST DESERT SPRING 11-20-10-17	4301332088	10	S	17	E	20	14545	Oil Well	Plugged & Abandoned
PETES WASH U 14-24 GR	4301333202	10	S	16	E	24	16232	Oil Well	Plugged & Abandoned
PETES WASH U 13-06 GR	4301333203	10	S	16	E	6	16233	Oil Well	Plugged & Abandoned
GILSONITE 11-02GR	4301333483	10	S	15	E	2	16211	Gas Well	Plugged & Abandoned
BIG WASH 61-16GR	4301333485	10	S	16	E	16	16192	Oil Well	Plugged & Abandoned
RW 34-27B	4304715142	7	S	23	E	27	5670	Water Injection Well	Plugged & Abandoned
RW 34-13B	4304715168	7	S	23	E	13	5670	Oil Well	Plugged & Abandoned
RW 23-30B	4304715172	7	S	23	E	30	5670	Oil Well	Plugged & Abandoned
RW 32-19B	4304715174	7	S	23	E	19	5670	Water Injection Well	Plugged & Abandoned
RW 12-29B	4304715175	7	S	23	E	29	5670	Oil Well	Plugged & Abandoned
RW 34-21A	4304715207	7	S	22	E	21	5670	Oil Well	Plugged & Abandoned
RW 34-19B	4304715242	7	S	23	E	19	5670	Oil Well	Plugged & Abandoned
RW 43-19B	4304715252	7	S	23	E	19	5670	Oil Well	Plugged & Abandoned
RW 21-18B	4304715258	7	S	23	E	18	5670	Oil Well	Plugged & Abandoned
RW 21-30B	4304715280	7	S	23	E	30	5670	Oil Well	Plugged & Abandoned
RW 34-28A	4304715282	7	S	22	E	28	5670	Oil Well	Plugged & Abandoned
RW 41-16B	4304715292	7	S	23	E	16	5670	Oil Well	Plugged & Abandoned
RW 43-24B	4304715295	7	S	23	E	24	5670	Gas Well	Plugged & Abandoned
RW 21-34A	4304715303	7	S	22	E	34	5670	Water Injection Well	Plugged & Abandoned
FEDERAL 2-29-7-22	4304715423	7	S	22	E	29	5266	Gas Well	Plugged & Abandoned
WV 35	4304715463	8	S	21	E	14	5265	Water Injection Well	Plugged & Abandoned
UTAH FED D-1	4304715936	7	S	24	E	14	10699	Gas Well	Plugged & Abandoned
UTAH FED D-2	4304715937	7	S	24	E	25	9295	Gas Well	Plugged & Abandoned
PRINCE 1	4304716199	7	S	24	E	10	7035	Gas Well	Plugged & Abandoned
RW 23-23B	4304716476	7	S	23	E	23	5670	Water Injection Well	Plugged & Abandoned
RW 12-27A	4304716478	7	S	22	E	27	5670	Water Injection Well	Plugged & Abandoned
RW 41-21B	4304716482	7	S	23	E	21	5670	Water Injection Well	Plugged & Abandoned
RW 21-21B	4304716496	7	S	23	E	21	5670	Water Injection Well	Plugged & Abandoned
WV 72	4304720058	8	S	21	E	16	5265	Water Injection Well	Plugged & Abandoned
WV 73	4304720066	8	S	21	E	16	5265	Water Injection Well	Plugged & Abandoned
WV 78	4304720115	8	S	21	E	16	5265	Water Injection Well	Plugged & Abandoned
RW 43-28A	4304730058	7	S	22	E	28	5670	Water Disposal Well	Plugged & Abandoned
GH 6	4304730099	8	S	21	E	20	5355	Water Injection Well	Plugged & Abandoned
RW 13-27B	4304730199	7	S	23	E	27	5670	Oil Well	Plugged & Abandoned
RW 43-26B	4304730259	7	S	23	E	26	5670	Oil Well	Plugged & Abandoned
RW 14-18C	4304730309	7	S	24	E	18	5670	Oil Well	Plugged & Abandoned
RW 12-26B	4304730311	7	S	23	E	26	5670	Oil Well	Plugged & Abandoned
RW 12-36B	4304730344	7	S	23	E	36	5670	Oil Well	Plugged & Abandoned

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

RW 13-26B	4304730522	7	S	23	E	26	5670	Water Injection Well	Plugged & Abandoned
WV 136	4304731047	8	S	21	E	21	5265	Oil Well	Plugged & Abandoned
UTAH FED D-4	4304731215	7	S	24	E	14	9297	Gas Well	Plugged & Abandoned
WR 43-16	4304731354	8	S	22	E	16	5170	Oil Well	Plugged & Abandoned
GB 13-20	4304731355	8	S	22	E	20	13727	Oil Well	Plugged & Abandoned
GB 3-17	4304731556	8	S	22	E	17	13727	Oil Well	Plugged & Abandoned
RW 12-35B	4304731578	7	S	23	E	35	5670	Oil Well	Plugged & Abandoned
RW 22-22A	4304731581	7	S	22	E	22	5670	Oil Well	Plugged & Abandoned
WV 135-2	4304732016	8	S	21	E	21	5265	Oil Well	Plugged & Abandoned
DESERT SPRINGS 20-1	4304732052	10	S	18	E	20	14366	Oil Well	Plugged & Abandoned
RW 41-4F	4304732538	8	S	24	E	4	5670	Gas Well	Plugged & Abandoned
TOLL STATION ST 8-36-8-21	4304732724	8	S	21	E	36	12361	Gas Well	Plugged & Abandoned
OU SG 6-14-8-22	4304732746	8	S	22	E	14	11944	Gas Well	Plugged & Abandoned
GB 4-30-8-22	4304732755	8	S	22	E	30	13727	Oil Well	Plugged & Abandoned
WV 11 WG	4304733085	8	S	21	E	12	17123	Gas Well	Plugged & Abandoned
WV 81 WG	4304733086	8	S	21	E	24	17123	Gas Well	Plugged & Abandoned
FEDERAL 5-20-10-18	4304733245	10	S	18	E	20	14366	Water Injection Well	Plugged & Abandoned
OU GB 12W-20-8-22	4304733249	8	S	22	E	20	13488	Oil Well	Plugged & Abandoned
WV 7W-13-8-21	4304733270	8	S	21	E	13	5265	Gas Well	Plugged & Abandoned
WV 3W-8-8-22	4304733493	8	S	22	E	8	17123	Gas Well	Plugged & Abandoned
WV 5W-7-8-22	4304733494	8	S	22	E	7	17123	Gas Well	Plugged & Abandoned
RW 33-20B	4304733500	7	S	23	E	20	5670	Water Injection Well	Plugged & Abandoned
RW 22-21B	4304733522	7	S	23	E	21	5670	Oil Well	Plugged & Abandoned
WV 1W-12-8-21	4304733531	8	S	21	E	12	17123	Gas Well	Plugged & Abandoned
WV 1W-13-8-21	4304733532	8	S	21	E	13	5265	Gas Well	Plugged & Abandoned
WV 13W-12-8-21	4304733537	8	S	21	E	12	17123	Gas Well	Plugged & Abandoned
RW 11-19B	4304733552	7	S	23	E	19	5670	Water Injection Well	Plugged & Abandoned
RW 42-19B	4304733556	7	S	23	E	19	5670	Oil Well	Plugged & Abandoned
WV 6G-16-8-21	4304733564	8	S	21	E	16	5265	Oil Well	Plugged & Abandoned
WV 16G-9-8-21	4304733565	8	S	21	E	9	5265	Oil Well	Plugged & Abandoned
RW 34-24A	4304733568	7	S	22	E	24	5670	Water Injection Well	Plugged & Abandoned
RW 42-24A	4304733569	7	S	22	E	24	5670	Oil Well	Plugged & Abandoned
RW 11-25A	4304733574	7	S	22	E	25	5670	Water Injection Well	Plugged & Abandoned
RW 13-25A	4304733575	7	S	22	E	25	5670	Water Injection Well	Plugged & Abandoned
RW 31-25A	4304733577	7	S	22	E	25	5670	Water Injection Well	Plugged & Abandoned
RW 33-25A	4304733578	7	S	22	E	25	5670	Water Injection Well	Plugged & Abandoned
WV 3W-13-8-21	4304733603	8	S	21	E	13	17123	Gas Well	Plugged & Abandoned
WV 16W-2-8-21	4304733645	8	S	21	E	2	5265	Oil Well	Plugged & Abandoned
WV 12W-10-8-21	4304733659	8	S	21	E	10	17123	Gas Well	Plugged & Abandoned
OU GB 3W-16-8-22	4304733751	8	S	22	E	16	13577	Gas Well	Plugged & Abandoned
OU GB 11W-16-8-22	4304733754	8	S	22	E	16	13582	Gas Well	Plugged & Abandoned
RW 42-30B	4304733771	7	S	23	E	30	5670	Oil Well	Plugged & Abandoned

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

RW 31-30B	4304733788	7	S	23	E	30	5670	Water Injection Well	Plugged & Abandoned
WV 10W-1-8-21	4304733794	8	S	21	E	1	17123	Gas Well	Plugged & Abandoned
WV 12W-7-8-22	4304733808	8	S	22	E	7	17123	Gas Well	Plugged & Abandoned
WV 6W-8-8-22	4304733811	8	S	22	E	8	17123	Gas Well	Plugged & Abandoned
WV 7W-8-8-22	4304733812	8	S	22	E	8	17123	Gas Well	Plugged & Abandoned
WV 1W-15-8-21	4304733902	8	S	21	E	15	17123	Gas Well	Plugged & Abandoned
WV 10W-11-8-21	4304733910	8	S	21	E	11	17123	Gas Well	Plugged & Abandoned
WV 8W-11-8-21	4304733957	8	S	21	E	11	17123	Gas Well	Plugged & Abandoned
WV 12W-18-8-22	4304733993	8	S	22	E	18	17123	Gas Well	Plugged & Abandoned
SU 13W-5-8-22	4304733994	8	S	22	E	5	13236	Gas Well	Plugged & Abandoned
WV 8W-1-8-21	4304734009	8	S	21	E	1		Dry Hole	Plugged & Abandoned
WV 5W-36-7-21	4304734099	7	S	21	E	36		Dry Hole	Plugged & Abandoned
WV 12G-1-8-21	4304734108	8	S	21	E	1	5265	Oil Well	Plugged & Abandoned
FED 9-17-10-18	4304734135	10	S	18	E	17	14366	Water Injection Well	Plugged & Abandoned
GH 9W-17-8-21	4304734150	8	S	21	E	17	5355	Oil Well	Plugged & Abandoned
WV 16W-11-8-21	4304734155	8	S	21	E	11	5265	Gas Well	Plugged & Abandoned
WV 6W-12-8-21	4304734245	8	S	21	E	12	5265	Gas Well	Plugged & Abandoned
WV 12W-12-8-21	4304734248	8	S	21	E	12	17123	Gas Well	Plugged & Abandoned
WV 3W-12-8-21	4304734267	8	S	21	E	12		Dry Hole	Plugged & Abandoned
WV 4D-12-8-21	4304734268	8	S	21	E	12		Dry Hole	Plugged & Abandoned
WV 6W-14-8-21	4304734271	8	S	21	E	14	17123	Gas Well	Plugged & Abandoned
WV 9W-11-8-21	4304734274	8	S	21	E	11		Dry Hole	Plugged & Abandoned
WV 12W-14-8-21	4304734279	8	S	21	E	14	17123	Gas Well	Plugged & Abandoned
WV 14W-14-8-21	4304734281	8	S	21	E	14	17123	Gas Well	Plugged & Abandoned
WVX 13G-5-8-22	4304734389	8	S	22	E	5	13738	Oil Well	Plugged & Abandoned
WVX 15G-5-8-22	4304734390	8	S	22	E	5	13459	Oil Well	Plugged & Abandoned
SU BRENNAN W 15W-18-7-22	4304734403	7	S	22	E	18	18653	Gas Well	Plugged & Abandoned
WV 8W-7-8-22	4304734469	8	S	22	E	7	17123	Gas Well	Plugged & Abandoned
OU GB 16W-19-8-22	4304734522	8	S	22	E	19	13476	Gas Well	Plugged & Abandoned
OU GB 1W-30-8-22	4304734528	8	S	22	E	30	13487	Gas Well	Plugged & Abandoned
OU GB 6W-19-8-22	4304734534	8	S	22	E	19	13475	Gas Well	Plugged & Abandoned
OU GB 15W-19-8-22	4304734538	8	S	22	E	19	13482	Gas Well	Plugged & Abandoned
WVX 10W-17-8-21	4304734561	8	S	21	E	17	5355	Oil Well	Plugged & Abandoned
OU GB 8W-29-8-22	4304734575	8	S	22	E	29	13609	Gas Well	Plugged & Abandoned
OU GB 1W-20-8-22	4304734604	8	S	22	E	20	13612	Oil Well	Plugged & Abandoned
WRU GB 9MU-9-8-22	4304734650	8	S	22	E	9	13545	Gas Well	Plugged & Abandoned
OU GB 16W-16-8-22	4304734655	8	S	22	E	16	13815	Oil Well	Plugged & Abandoned
OU GB 8W-16-8-22	4304734660	8	S	22	E	16	13769	Gas Well	Plugged & Abandoned
OU GB 3W-21-8-22	4304734686	8	S	22	E	21	13746	Oil Well	Plugged & Abandoned
OU SG 7W-15-8-22	4304734722	8	S	22	E	15	13920	Gas Well	Plugged & Abandoned
STATE 3-16-10-18	4304734766	10	S	18	E	16	14366	Oil Well	Plugged & Abandoned
OU GB 15G-16-8-22	4304734829	8	S	22	E	16	13777	Oil Well	Plugged & Abandoned

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

WRU EIH 14W-26-8-22	4304734835	8	S	22	E	26	12528	Gas Well	Plugged & Abandoned
OU SG 4W-11-8-22	4304735071	8	S	22	E	11		Dry Hole	Plugged & Abandoned
OU SG 5W-11-8-22	4304735072	8	S	22	E	11		Dry Hole	Plugged & Abandoned
SG 11SG-23-8-22	4304735099	8	S	22	E	23	13901	Gas Well	Plugged & Abandoned
OU SG 14W-11-8-22	4304735114	8	S	22	E	11		Dry Hole	Plugged & Abandoned
WH 7G-10-7-24	4304735241	7	S	24	E	10	14002	Gas Well	Plugged & Abandoned
OU SG 13W-11-8-22	4304735377	8	S	22	E	11	14796	Dry Hole	Plugged & Abandoned
SG 3MU-11-8-22	4304735379	8	S	22	E	11	14978	Gas Well	Plugged & Abandoned
SG 2MU-11-8-22	4304735381	8	S	22	E	11	14636	Gas Well	Plugged & Abandoned
OU GB 8MU-10-8-22	4304735422	8	S	22	E	10		Dry Hole	Plugged & Abandoned
RWS 3ML-9-9-24	4304735483	9	S	24	E	9	15190	Gas Well	Plugged & Abandoned
SG 11MU-14-8-22	4304735829	8	S	22	E	14	14486	Gas Well	Plugged & Abandoned
NBE 8ML-12-9-23	4304736143	9	S	23	E	12	15859	Gas Well	Plugged & Abandoned
EIH X 2MU-36-8-22	4304736446	8	S	22	E	36	14840	Gas Well	Plugged & Abandoned
RW 43-26AG	4304736769	7	S	22	E	26	16575	Oil Well	Plugged & Abandoned
RW 43-23AG	4304736770	7	S	22	E	23	5670	Oil Well	Plugged & Abandoned
NBZ 4D-30-8-24	4304737229	8	S	24	E	30		Dry Hole	Plugged & Abandoned
NBZ 6ML-30-8-24	4304737230	8	S	24	E	30		Dry Hole	Plugged & Abandoned
NBZ 10ML-30-8-24	4304737232	8	S	24	E	30		Dry Hole	Plugged & Abandoned
NBZ 12D-30-8-24	4304737233	8	S	24	E	30		Dry Hole	Plugged & Abandoned
NBZ 14ML-30-8-24	4304737234	8	S	24	E	30		Dry Hole	Plugged & Abandoned
NBZ 6D-31-8-24	4304737235	8	S	24	E	31		Dry Hole	Plugged & Abandoned
NBZ 4D-31-8-24	4304737236	8	S	24	E	31		Dry Hole	Plugged & Abandoned
NBZ 2ML-31-8-24	4304737239	8	S	24	E	31		Dry Hole	Plugged & Abandoned
NBZ 11D-29-8-24	4304737240	8	S	24	E	29		Dry Hole	Plugged & Abandoned
NBZ 5D-29-8-24	4304737241	8	S	24	E	29		Dry Hole	Plugged & Abandoned
NBZ 9D-29-8-24	4304737244	8	S	24	E	29		Dry Hole	Plugged & Abandoned
NBZ 15ML-29-8-24	4304737246	8	S	24	E	29		Dry Hole	Plugged & Abandoned
CWD 3D-32-8-24	4304737274	8	S	24	E	32		Dry Hole	Plugged & Abandoned
RWS 8D-5-9-24	4304737307	9	S	24	E	5		Dry Hole	Plugged & Abandoned
RWS 16ML-5-9-24	4304737311	9	S	24	E	5		Dry Hole	Plugged & Abandoned
RWS 2D-6-9-24	4304737411	9	S	24	E	6		Dry Hole	Plugged & Abandoned
WV 3D-13-8-21	4304737923	8	S	21	E	13	17123	Gas Well	Plugged & Abandoned
WV 15AML-12-8-21	4304737925	8	S	21	E	12	17123	Gas Well	Plugged & Abandoned
RW 12-32BG	4304737946	7	S	23	E	32	5670	Gas Well	Plugged & Abandoned
HR 10MU-2-12-23	4304738055	12	S	23	E	2		Dry Hole	Plugged & Abandoned
WF 8C-15-15-19	4304738405	15	S	19	E	15		Dry Hole	Plugged & Abandoned
WRU EIH 14BD-35-8-22	4304738642	8	S	22	E	35		Dry Hole	Plugged & Abandoned
RWS 5ML-9-9-24	4304738645	9	S	24	E	9		Dry Hole	Plugged & Abandoned
RWS 12ML-9-9-24	4304738646	9	S	24	E	9		Dry Hole	Plugged & Abandoned
GB 4SG-36-8-21	4304738764	8	S	21	E	36	16142	Gas Well	Plugged & Abandoned
GB 7SG-36-8-21	4304738765	8	S	21	E	36	16144	Gas Well	Plugged & Abandoned

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

GB 12SG-29-8-22	4304738766	8	S	22	E	29	16096	Gas Well	Plugged & Abandoned
GB 10SG-30-8-22	4304738767	8	S	22	E	30	16143	Gas Well	Plugged & Abandoned
NBZ 10D-31-8-24	4304739456	8	S	24	E	31		Dry Hole	Plugged & Abandoned
NBZ 12D-31-8-24	4304739457	8	S	24	E	31		Dry Hole	Plugged & Abandoned
NBZ 14D-31-8-24	4304739458	8	S	24	E	31		Dry Hole	Plugged & Abandoned
RWS 7D-6-9-24	4304739494	9	S	24	E	6		Dry Hole	Plugged & Abandoned
RWS 9D-6-9-24	4304739497	9	S	24	E	6		Dry Hole	Plugged & Abandoned
RWS 13D-5-9-24	4304739505	9	S	24	E	5		Dry Hole	Plugged & Abandoned
WRU GB 14G-4-8-22	4304740097	8	S	22	E	4	4915	Oil Well	Plugged & Abandoned
NBZ 16D-30-8-24	4304740355	8	S	24	E	30		Dry Hole	Plugged & Abandoned
CWD 7D-32-8-24	4304740477	8	S	24	E	32		Dry Hole	Plugged & Abandoned
CWD 9D-32-8-24	4304740478	8	S	24	E	32		Dry Hole	Plugged & Abandoned
RWS 13D-9-9-24	4304740480	9	S	24	E	9		Dry Hole	Plugged & Abandoned
NBZ 2D-30-8-24	4304740485	8	S	24	E	30		Dry Hole	Plugged & Abandoned
RW 23-19B	4304751725	7	S	23	E	19	5670	Gas Well	Plugged & Abandoned
RW 24-25AGR	4304753441	7	S	22	E	25	5670	Oil Well	Plugged & Abandoned
WEST RIVER BEND 16-17-10-17	4301332057	10	S	17	E	17	14543	Oil Well	Producing
GD 1G-34-9-15	4301333827	9	S	15	E	34	18651	Oil Well	Producing
GD 16G-35-9-15	4301333833	9	S	15	E	35	18652	Oil Well	Producing
WR 4G-35-10-17	4301350414	10	S	17	E	35	18474	Oil Well	Producing
WR 9G-5-10-17	4301350417	10	S	17	E	5	18554	Oil Well	Producing
WR 6G-32-10-17	4301351631	10	S	17	E	32	17720	Oil Well	Producing
STATE 1	4304715128	7	S	24	E	36	5878	Gas Well	Producing
RW 34-23B	4304715136	7	S	23	E	23	5670	Oil Well	Producing
RW 41-23B	4304715138	7	S	23	E	23	5670	Oil Well	Producing
RW 32-22B	4304715139	7	S	23	E	22	18478	Gas Well	Producing
RW 43-23B	4304715140	7	S	23	E	23	5670	Oil Well	Producing
RW 34-26B	4304715148	7	S	23	E	26	18478	Gas Well	Producing
RW 32-14B	4304715150	7	S	23	E	14	5670	Oil Well	Producing
RW 34-14B	4304715152	7	S	23	E	14	18478	Oil Well	Producing
RW 23-22B	4304715153	7	S	23	E	22	18478	Gas Well	Producing
RW 43-22B	4304715155	7	S	23	E	22	17914	Gas Well	Producing
RW 32-23B	4304715156	7	S	23	E	23	5670	Oil Well	Producing
RW 23-13B	4304715157	7	S	23	E	13	17878	Gas Well	Producing
RW 34-22B	4304715158	7	S	23	E	22	18478	Gas Well	Producing
RW 14-23B	4304715165	7	S	23	E	23	18478	Gas Well	Producing
RW 14-24A	4304715166	7	S	22	E	24	17554	Gas Well	Producing
RW 21-24B	4304715167	7	S	23	E	24	18478	Gas Well	Producing
RW 21-29C	4304715169	7	S	24	E	29	5670	Gas Well	Producing
RW 12-17B	4304715170	7	S	23	E	17	5670	Oil Well	Producing
RW 32-33C	4304715171	7	S	24	E	33	5670	Gas Well	Producing
RW 14-23A	4304715176	7	S	22	E	23	18478	Gas Well	Producing

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

RW 12-16B	4304715177	7	S	23	E	16	5670	Oil Well	Producing
RW 14-18B	4304715178	7	S	23	E	18	18478	Gas Well	Producing
RW 12-18C	4304715183	7	S	24	E	18	5670	Oil Well	Producing
RW 21-22B	4304715186	7	S	23	E	22	18478	Gas Well	Producing
RW 21-27B	4304715191	7	S	23	E	27	18478	Gas Well	Producing
RW 23-22A	4304715192	7	S	22	E	22	5670	Oil Well	Producing
RW 21-18C	4304715193	7	S	24	E	18	5670	Oil Well	Producing
RW 12-13B	4304715196	7	S	23	E	13	18478	Gas Well	Producing
RW 32-18C	4304715198	7	S	24	E	18	5670	Gas Well	Producing
RWU 77 (21-13B)	4304715199	7	S	23	E	13	5670	Oil Well	Producing
RW 32-28B	4304715200	7	S	23	E	28	5670	Oil Well	Producing
RW 12-27B	4304715201	7	S	23	E	27	17983	Gas Well	Producing
RW 14-27B	4304715202	7	S	23	E	27	5670	Oil Well	Producing
RW 41-31B	4304715203	7	S	23	E	31	5670	Oil Well	Producing
RW 41-27A	4304715205	7	S	22	E	27	17880	Gas Well	Producing
RW 44-14B	4304715206	7	S	23	E	14	17913	Gas Well	Producing
RW 43-21B	4304715211	7	S	23	E	21	5670	Oil Well	Producing
RW 12-22A	4304715213	7	S	22	E	22	5670	Oil Well	Producing
RW 12-22B	4304715218	7	S	23	E	22	5670	Oil Well	Producing
RW 34-21B	4304715220	7	S	23	E	21	5670	Oil Well	Producing
RW 34-15B	4304715222	7	S	23	E	15	5670	Oil Well	Producing
RW 32-21B	4304715226	7	S	23	E	21	5670	Oil Well	Producing
RW 21-28B	4304715227	7	S	23	E	28	5670	Oil Well	Producing
RW 23-23A	4304715228	7	S	22	E	23	5670	Oil Well	Producing
RW 32-24A	4304715229	7	S	22	E	24	5670	Oil Well	Producing
RW 32-28A	4304715230	7	S	22	E	28	18478	Gas Well	Producing
RW 21-19B	4304715233	7	S	23	E	19	5670	Oil Well	Producing
RW 23-28B	4304715237	7	S	23	E	28	17525	Gas Well	Producing
RW 13-13B	4304715238	7	S	23	E	13	5670	Gas Well	Producing
RW 24-14B	4304715239	7	S	23	E	14	5670	Oil Well	Producing
RW 41-29A	4304715243	7	S	22	E	29	5670	Oil Well	Producing
RW 14-15B	4304715246	7	S	23	E	15	5670	Oil Well	Producing
RW 41-30B	4304715254	7	S	23	E	30	5670	Oil Well	Producing
RW 24-22B	4304715255	7	S	23	E	22	5670	Oil Well	Producing
RW 33-14B	4304715257	7	S	23	E	14	5670	Oil Well	Producing
RW 22-22B	4304715260	7	S	23	E	22	17807	Gas Well	Producing
RW 42-14B	4304715264	7	S	23	E	14	5670	Oil Well	Producing
RW 14-29B	4304715265	7	S	23	E	29	18478	Gas Well	Producing
RW 32-30B	4304715268	7	S	23	E	30	17718	Gas Well	Producing
RW 32-15B	4304715270	7	S	23	E	15	5670	Oil Well	Producing
RW 12-20B	4304715272	7	S	23	E	20	18478	Gas Well	Producing
RW 12-28B	4304715274	7	S	23	E	28	5670	Oil Well	Producing

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

RW 32-26B	4304715275	7	S	23	E	26	18478	Gas Well	Producing
RW 31-28B	4304715283	7	S	23	E	28	18478	Oil Well	Producing
RW 34-30B	4304715288	7	S	23	E	30	5670	Oil Well	Producing
RW 23-26B	4304715290	7	S	23	E	26	18478	Gas Well	Producing
RW 12-14B	4304715296	7	S	23	E	14	18478	Gas Well	Producing
RW 32-28C	4304715302	7	S	24	E	28	5670	Gas Well	Producing
WV 43	4304715471	8	S	21	E	11	5265	Oil Well	Producing
WV 48	4304715476	8	S	21	E	10	5265	Oil Well	Producing
RW 43-28B	4304716475	7	S	23	E	28	18478	Oil Well	Producing
RW 41-15B	4304716495	7	S	23	E	15	18478	Gas Well	Producing
RW 41-14B	4304716498	7	S	23	E	14	18478	Gas Well	Producing
WV 32	4304716513	8	S	21	E	16	5265	Oil Well	Producing
WV 53	4304720003	8	S	21	E	10	5265	Oil Well	Producing
WV 55	4304720005	8	S	21	E	14	5265	Oil Well	Producing
RW 41-8F	4304720014	8	S	24	E	8	5670	Gas Well	Producing
WV 62	4304720024	8	S	21	E	10	5265	Oil Well	Producing
WV 65	4304720041	8	S	21	E	15	5265	Oil Well	Producing
WV 74	4304720078	8	S	21	E	16	5265	Oil Well	Producing
WV 75	4304720085	8	S	21	E	16	5265	Oil Well	Producing
WV 103	4304730021	8	S	21	E	14	5265	Oil Well	Producing
WV 105	4304730023	8	S	21	E	10	5265	Oil Well	Producing
GH 4	4304730028	8	S	21	E	19	5355	Oil Well	Producing
WV 109	4304730045	8	S	21	E	15	5265	Oil Well	Producing
WV 110	4304730046	8	S	21	E	14	5265	Oil Well	Producing
WV 112	4304730048	8	S	21	E	15	5265	Oil Well	Producing
RW 32-24B	4304730313	7	S	23	E	24	5670	Oil Well	Producing
RW 34-18C	4304730314	7	S	24	E	18	5670	Oil Well	Producing
RW 21-19C	4304730340	7	S	24	E	19	5670	Gas Well	Producing
RW 14-25B	4304730341	7	S	23	E	25	5670	Oil Well	Producing
RW 22-14B	4304730345	7	S	23	E	14	5670	Oil Well	Producing
RW 42-13B	4304730346	7	S	23	E	13	5670	Oil Well	Producing
RW 23-19C	4304730348	7	S	24	E	19	5670	Gas Well	Producing
RW 22-18C	4304730387	7	S	24	E	18	5670	Oil Well	Producing
RW 24-26B	4304730518	7	S	23	E	26	18478	Gas Well	Producing
RW 44-26B	4304730520	7	S	23	E	26	18478	Gas Well	Producing
RW 33-26B	4304730521	7	S	23	E	26	17950	Gas Well	Producing
KAYE STATE 1-16	4304730609	10	S	23	E	16	5395	Gas Well	Producing
WV 124	4304730745	8	S	21	E	15	5265	Oil Well	Producing
WV 128	4304730798	8	S	21	E	10	5265	Oil Well	Producing
WV 132	4304730822	8	S	21	E	15	5265	Oil Well	Producing
RW 42-27B	4304731051	7	S	23	E	27	17707	Gas Well	Producing
RW 44-27B	4304731053	7	S	23	E	27	18478	Gas Well	Producing

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

RW 44-23B	4304731054	7	S	23	E	23	5670	Gas Well	Producing
GH 1-19	4304731065	8	S	21	E	19	5355	Oil Well	Producing
RW 22-35B	4304731082	7	S	23	E	35	5670	Oil Well	Producing
WV 134	4304731118	8	S	21	E	16	5265	Oil Well	Producing
RW 33-23B	4304731476	7	S	23	E	23	17915	Gas Well	Producing
RW 11-24B	4304731477	7	S	23	E	24	5670	Oil Well	Producing
RW 42-21B	4304731478	7	S	23	E	21	18478	Gas Well	Producing
RW 13-24B	4304731517	7	S	23	E	24	5670	Oil Well	Producing
WV 137	4304731523	8	S	21	E	11	5265	Oil Well	Producing
GH 23-21	4304731541	8	S	21	E	21	5355	Oil Well	Producing
GB 2-17	4304731555	8	S	22	E	17	13727	Oil Well	Producing
RW 42-23B	4304731576	7	S	23	E	23	18478	Gas Well	Producing
RW 24-15B	4304731579	7	S	23	E	15	5670	Oil Well	Producing
RW 24-18C	4304731582	7	S	24	E	18	5670	Gas Well	Producing
WV 141	4304731609	8	S	21	E	16	5265	Oil Well	Producing
WV 127	4304731611	8	S	21	E	16	5265	Oil Well	Producing
RW 43-15B	4304731682	7	S	23	E	15	17643	Gas Well	Producing
WV 133	4304731706	8	S	21	E	15	5265	Oil Well	Producing
WV 144	4304731807	8	S	21	E	10	5265	Oil Well	Producing
RW 34-17B	4304731819	7	S	23	E	17	5670	Oil Well	Producing
GH 4-21	4304731826	8	S	21	E	21	5355	Oil Well	Producing
GH 5-21	4304731827	8	S	21	E	21	5355	Oil Well	Producing
WV 121	4304731873	8	S	21	E	14	17123	Gas Well	Producing
GH 9	4304732304	8	S	21	E	20	5355	Oil Well	Producing
WV 130	4304732307	8	S	21	E	22	5265	Oil Well	Producing
GH 11	4304732459	8	S	21	E	20	5355	Oil Well	Producing
GH 13	4304732460	8	S	21	E	21	5355	Oil Well	Producing
WV 119	4304732461	8	S	21	E	21	5265	Oil Well	Producing
GB 8-19	4304732476	8	S	22	E	19	13727	Oil Well	Producing
EAST COYOTE FED 14-4-8-25	4304732493	8	S	25	E	4	11630	Oil Well	Producing
RW 23-23C	4304732629	7	S	24	E	23	5670	Gas Well	Producing
GH 14	4304732647	8	S	21	E	20	5355	Oil Well	Producing
GH 18	4304732650	8	S	21	E	20	5355	Oil Well	Producing
GH 20	4304732652	8	S	21	E	20	5355	Oil Well	Producing
GH 16	4304732675	8	S	21	E	20	5355	Oil Well	Producing
PRINCE 4	4304732677	7	S	24	E	3	7035	Oil Well	Producing
RW 14-17B	4304732738	7	S	23	E	17	5670	Oil Well	Producing
RW 14-16B	4304732785	7	S	23	E	16	5670	Oil Well	Producing
RW 34-16B	4304732786	7	S	23	E	16	5670	Oil Well	Producing
GH 22 WG	4304732818	8	S	21	E	22	12336	Gas Well	Producing
WV 54 WG	4304732821	8	S	22	E	7	17123	Gas Well	Producing
WV 69 WG	4304732829	8	S	22	E	18	17123	Gas Well	Producing

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

WV 38 WG	4304732831	8	S	22	E	8	17123	Gas Well	Producing
GB 11-16-8-22	4304732857	8	S	22	E	16	13727	Oil Well	Producing
RW 32-17B	4304732981	7	S	23	E	17	5670	Oil Well	Producing
RW 32-18B	4304733018	7	S	23	E	18	5670	Oil Well	Producing
GB 8A-36-8-21	4304733037	8	S	21	E	36	12377	Gas Well	Producing
WV 146 WG	4304733128	8	S	22	E	19	17123	Gas Well	Producing
DESERT SPRING 3-29-10-18	4304733162	10	S	18	E	29	14366	Oil Well	Producing
DESERT SPRING 16-19-10-18	4304733164	10	S	18	E	19	14366	Oil Well	Producing
WV 1W-14-8- 21	4304733220	8	S	21	E	14	17123	Gas Well	Producing
WV 5W-13- 8-21	4304733221	8	S	21	E	13	17123	Gas Well	Producing
WV 46 WG	4304733241	8	S	22	E	7	17123	Gas Well	Producing
WV 2W-16-8-21	4304733246	8	S	21	E	16	17123	Gas Well	Producing
WV 2G-16-8-21	4304733247	8	S	21	E	16	5265	Oil Well	Producing
OU GB 15-18-8-22	4304733364	8	S	22	E	18	12690	Gas Well	Producing
WRU EIH 12W-35-8-22	4304733393	8	S	22	E	35	12528	Gas Well	Producing
RW 42-20B	4304733490	7	S	23	E	20	5670	Oil Well	Producing
RW 22-20B	4304733491	7	S	23	E	20	5670	Oil Well	Producing
RW 24-19B	4304733492	7	S	23	E	19	5670	Oil Well	Producing
WV 11W-7-8-22	4304733495	8	S	22	E	7	17123	Gas Well	Producing
WV 13W-7-8-22	4304733496	8	S	22	E	7	17123	Gas Well	Producing
WV 1W-7-8-22	4304733501	8	S	22	E	7	17123	Gas Well	Producing
WV 7WRG-7-8-22	4304733503	8	S	22	E	7	5265	Oil Well	Producing
OU GB 3W-17-8-22	4304733513	8	S	22	E	17	12950	Gas Well	Producing
OU GB 5W-17-8-22	4304733514	8	S	22	E	17	12873	Gas Well	Producing
WV 9W-8-8-22	4304733515	8	S	22	E	8	13395	Gas Well	Producing
OU GB 9W-18-8-22	4304733516	8	S	22	E	18	12997	Gas Well	Producing
RW 24-20B	4304733523	7	S	23	E	20	5670	Oil Well	Producing
RW 44-19B	4304733524	7	S	23	E	19	5670	Oil Well	Producing
RW 44-20B	4304733525	7	S	23	E	20	5670	Oil Well	Producing
OU GB 3W-20-8-22	4304733526	8	S	22	E	20	13514	Gas Well	Producing
WV 6W-16-8-21	4304733527	8	S	21	E	16	17123	Gas Well	Producing
WV 3W-18-8-22	4304733533	8	S	22	E	18	17123	Gas Well	Producing
WV 13W-18-8-22	4304733538	8	S	22	E	18	17123	Gas Well	Producing
RW 24-18B	4304733554	7	S	23	E	18	5670	Oil Well	Producing
RW 22-19B	4304733559	7	S	23	E	19	5670	Oil Well	Producing
GH 10G-19-8-21	4304733566	8	S	21	E	19	5355	Oil Well	Producing
RW 23-24A	4304733567	7	S	22	E	24	5670	Oil Well	Producing
GH 1W-32-8-21	4304733570	8	S	21	E	32	12797	Gas Well	Producing
GH 3W-32-8-21	4304733571	8	S	21	E	32	12796	Gas Well	Producing
GH 7W-32-8-21	4304733573	8	S	21	E	32	12872	Gas Well	Producing
RW 21-25A	4304733576	7	S	22	E	25	5670	Oil Well	Producing
RW 41-25A	4304733579	7	S	22	E	25	5670	Oil Well	Producing

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

RW 21-24A	4304733592	7	S	22	E	24	5670	Oil Well	Producing
RW 44-18B	4304733594	7	S	23	E	18	5670	Oil Well	Producing
WV 1W-21-8-21	4304733602	8	S	21	E	21	17123	Gas Well	Producing
WV 3W-24-8-21	4304733605	8	S	21	E	24	17123	Gas Well	Producing
WV 1W-24-8-21	4304733613	8	S	21	E	24	17123	Gas Well	Producing
KENNEDY WASH 13-1	4304733615	8	S	22	E	13	12926	Gas Well	Producing
WV 12W-16-8-21	4304733649	8	S	21	E	16	17123	Gas Well	Producing
WV 12G-16-8-21	4304733650	8	S	21	E	16	5265	Oil Well	Producing
WR 13W-3-8-22	4304733651	8	S	22	E	3	13544	Gas Well	Producing
WV 2W-10-8-21	4304733655	8	S	21	E	10	5265	Oil Well	Producing
WV 12G-10-8-21	4304733660	8	S	21	E	10	5265	Oil Well	Producing
WV 15W-9-8-21	4304733661	8	S	21	E	9	17123	Gas Well	Producing
WV 15G-9-8-21	4304733662	8	S	21	E	9	5265	Oil Well	Producing
OU GB 12W-30-8-22	4304733670	8	S	22	E	30	13380	Gas Well	Producing
GH 2W-32-8-21	4304733744	8	S	21	E	32	13029	Gas Well	Producing
GH 4W-32-8-21	4304733745	8	S	21	E	32	13035	Gas Well	Producing
GH 8W-32-8-21	4304733746	8	S	21	E	32	13030	Gas Well	Producing
OU GB 5W-16-8-22	4304733752	8	S	22	E	16	13570	Gas Well	Producing
GH 6W-32-8-21	4304733753	8	S	21	E	32	13036	Gas Well	Producing
RW 41-24A	4304733769	7	S	22	E	24	5670	Oil Well	Producing
RWU 44-30B	4304733772	7	S	23	E	30	5670	Oil Well	Producing
RW 22-25A	4304733786	7	S	22	E	25	5670	Oil Well	Producing
WV 6W-13-8-21	4304733792	8	S	21	E	13	17123	Gas Well	Producing
WV 8W-13-8-21	4304733793	8	S	21	E	13	17123	Gas Well	Producing
WV 10W-13-8-21	4304733795	8	S	21	E	13	17123	Gas Well	Producing
WV 16W-13-8-21	4304733796	8	S	21	E	13	17123	Gas Well	Producing
STATE 1-16-10-18	4304733807	10	S	18	E	16	14366	Oil Well	Producing
WV 10W-7-8-22	4304733813	8	S	22	E	7	17123	Gas Well	Producing
WV 10W-8-8-22	4304733814	8	S	22	E	8	13450	Gas Well	Producing
WV 6W-7-8-22	4304733828	8	S	22	E	7	17123	Gas Well	Producing
GH 7W-21-8-21	4304733845	8	S	21	E	21	13050	Gas Well	Producing
GH 9W-21-8-21	4304733846	8	S	21	E	21	13074	Gas Well	Producing
GH 11W-21-8-21	4304733847	8	S	21	E	21	13049	Gas Well	Producing
GH 15W-21-8-21	4304733848	8	S	21	E	21	13051	Gas Well	Producing
WV 5W-23-8-21	4304733860	8	S	21	E	23	5265	Oil Well	Producing
WV 1W-23-8-21	4304733904	8	S	21	E	23	17123	Gas Well	Producing
WV 2W-9-8-21	4304733905	8	S	21	E	9	13676	Gas Well	Producing
WV 6W-11-8-21	4304733906	8	S	21	E	11	17123	Gas Well	Producing
WV 7W-22-8-21	4304733907	8	S	21	E	22	13230	Gas Well	Producing
WV 7W-24-8-21	4304733908	8	S	21	E	24	17123	Gas Well	Producing
WV 9W-23-8-21	4304733909	8	S	21	E	23	13160	Gas Well	Producing
WV 11W-17-8-21	4304733912	8	S	21	E	17	13228	Gas Well	Producing

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

WV 13W-15-8-21	4304733914	8	S	21	E	15	5265	Oil Well	Producing
GH 14W-20-8-21	4304733915	8	S	21	E	20	13073	Gas Well	Producing
GB 1W-36-8-21	4304733944	8	S	21	E	36	13439	Gas Well	Producing
OU GB 9W-19-8-22	4304733946	8	S	22	E	19	13393	Gas Well	Producing
OU GB 10W-30-8-22	4304733947	8	S	22	E	30	13389	Gas Well	Producing
OU GB 12W-19-8-22	4304733948	8	S	22	E	19	13388	Gas Well	Producing
WV 5W-17-8-21	4304733954	8	S	21	E	17	5355	Gas Well	Producing
WV 7W-17-8-21	4304733956	8	S	21	E	17	13330	Gas Well	Producing
GB 9W-25-8-21	4304733960	8	S	21	E	25	13390	Gas Well	Producing
WV 12W-13-8-21	4304733961	8	S	21	E	13	17123	Gas Well	Producing
WV 14W-13-8-21	4304733962	8	S	21	E	13	17123	Gas Well	Producing
WV 15W-14-8-21	4304733963	8	S	21	E	14	17123	Gas Well	Producing
SU 1W-5-8-22	4304733985	8	S	22	E	5	13369	Gas Well	Producing
WV 2W-18-8-22	4304733986	8	S	22	E	18	17123	Gas Well	Producing
SU 7W-5-8-22	4304733988	8	S	22	E	5	13235	Gas Well	Producing
SU 9W-5-8-22	4304733990	8	S	22	E	5	13238	Gas Well	Producing
WV 8W-8-8-22	4304734005	8	S	22	E	8	13320	Gas Well	Producing
WV 14W-8-8-22	4304734007	8	S	22	E	8	13322	Gas Well	Producing
OU GB 6W-9-8-22	4304734010	8	S	22	E	9	13545	Gas Well	Producing
OU GB 5W-30-8-22	4304734025	8	S	22	E	30	13502	Gas Well	Producing
WV 10G-2-8-21	4304734035	8	S	21	E	2	5265	Oil Well	Producing
WV 14G-2-8-21	4304734036	8	S	21	E	2	5265	Oil Well	Producing
WRU EIH 4W-35-8-22	4304734042	8	S	22	E	35	12528	Gas Well	Producing
WRU EIH 3W-35-8-22	4304734044	8	S	22	E	35	12528	Gas Well	Producing
WV 13G-2-8-21	4304734068	8	S	21	E	2	5265	Oil Well	Producing
WV 3G-10-8-21	4304734106	8	S	21	E	10	13241	Oil Well	Producing
WV 5G-16-8-21	4304734107	8	S	21	E	16	5265	Oil Well	Producing
WV 15G-3-8-21	4304734109	8	S	21	E	3	13241	Oil Well	Producing
WV 16G-3-8-21	4304734110	8	S	21	E	3	13241	Oil Well	Producing
GB 6W-25-8-21	4304734121	8	S	21	E	25	13440	Gas Well	Producing
GB 7W-25-8-21	4304734122	8	S	21	E	25	13436	Gas Well	Producing
WV 2W-14-8-21	4304734140	8	S	21	E	14	17123	Gas Well	Producing
GH 2W-21-8-21	4304734141	8	S	21	E	21	17123	Gas Well	Producing
WV 3W-21-8-21	4304734143	8	S	21	E	21	17123	Gas Well	Producing
WV 4W-13-8-21	4304734144	8	S	21	E	13	17123	Gas Well	Producing
WV 4W-21-8-21	4304734145	8	S	21	E	21	17123	Gas Well	Producing
GH 5W-21-8-21	4304734147	8	S	21	E	21	13387	Gas Well	Producing
GH 6W-21-8-21	4304734148	8	S	21	E	21	13371	Gas Well	Producing
GH 8W-21-8-21	4304734149	8	S	21	E	21	13293	Gas Well	Producing
GH 10W-20-8-21	4304734151	8	S	21	E	20	13328	Gas Well	Producing
GH 10W-21-8-21	4304734152	8	S	21	E	21	13378	Gas Well	Producing
GH 12W-21-8-21	4304734153	8	S	21	E	21	13294	Gas Well	Producing

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

GH 14W-21-8-21	4304734154	8	S	21	E	21	13292		Gas Well	Producing
GH 16W-17-8-21	4304734156	8	S	21	E	17	13354		Gas Well	Producing
GH 16W-21-8-21	4304734157	8	S	21	E	21	13329		Gas Well	Producing
WV 4W-23-8-21	4304734188	8	S	21	E	23	17123		Gas Well	Producing
WV 14W-16-8-21	4304734192	8	S	21	E	16	17123		Gas Well	Producing
WRU GB 4WRG-9-8-22	4304734208	8	S	22	E	9	4915		Oil Well	Producing
OU GB 5W-20-8-22	4304734209	8	S	22	E	20	13414		Gas Well	Producing
WRU EIH 13WX-35-8-22	4304734210	8	S	22	E	35	12528	13456	Gas Well	Producing
WV 15W-16-8-21	4304734224	8	S	21	E	16	17123		Gas Well	Producing
WV 16W-16-8-21	4304734225	8	S	21	E	16	17123		Gas Well	Producing
WV 2W-22-8-21	4304734243	8	S	21	E	22	17123		Gas Well	Producing
WV 8W-15-8-21	4304734247	8	S	21	E	15	17123		Gas Well	Producing
WV 16W-10-8-21	4304734250	8	S	21	E	10	17123		Gas Well	Producing
WV 16W-15-8-21	4304734251	8	S	21	E	15	5265		Oil Well	Producing
WV 11W-14-8-21	4304734277	8	S	21	E	14	17123		Gas Well	Producing
WV 14M-11-8-21	4304734280	8	S	21	E	11	17123		Gas Well	Producing
WV 16G-14-8-21	4304734283	8	S	21	E	14	5265		Oil Well	Producing
WV 1MU-16-8-21	4304734288	8	S	21	E	16	17123		Gas Well	Producing
WV 3MU-15-8-21	4304734289	8	S	21	E	15	17123		Gas Well	Producing
WV 4MU-15-8-21	4304734291	8	S	21	E	15	17123		Gas Well	Producing
WV 5MU-15-8-21	4304734293	8	S	21	E	15	17123		Gas Well	Producing
WV 6W-15-8-21	4304734294	8	S	21	E	15	17123		Gas Well	Producing
WV 7W-16-8-21	4304734322	8	S	21	E	16	17123		Gas Well	Producing
WV 8ML-16-8-21	4304734323	8	S	21	E	16	17123		Gas Well	Producing
WV 10W-16-8-21	4304734326	8	S	21	E	16	17123		Gas Well	Producing
GH 1W-20-8-21	4304734327	8	S	21	E	20	13451		Gas Well	Producing
GH 2W-20-8-21	4304734328	8	S	21	E	20	13527		Gas Well	Producing
GH 3W-20-8-21	4304734329	8	S	21	E	20	13728		Gas Well	Producing
GH 7W-20-8-21	4304734332	8	S	21	E	20	13537		Gas Well	Producing
GH 9W-20-8-21	4304734333	8	S	21	E	20	13411		Gas Well	Producing
GH 11W-20-8-21	4304734334	8	S	21	E	20	13410		Gas Well	Producing
GH 15W-20-8-21	4304734335	8	S	21	E	20	13407		Gas Well	Producing
GH 16W-20-8-21	4304734336	8	S	21	E	20	13501		Gas Well	Producing
WV 8M-23-8-21	4304734339	8	S	21	E	23	5265		Oil Well	Producing
WV 8W-24-8-21	4304734340	8	S	21	E	24	17123		Gas Well	Producing
WV 12W-23-8-21	4304734343	8	S	21	E	23	13430		Gas Well	Producing
OU GB 13W-20-8-22	4304734348	8	S	22	E	20	13495		Gas Well	Producing
OU GB 14W-20-8-22	4304734349	8	S	22	E	20	13507		Gas Well	Producing
OU GB 11W-29-8-22	4304734350	8	S	22	E	29	13526		Gas Well	Producing
WVX 11G-5-8-22	4304734388	8	S	22	E	5	13422		Oil Well	Producing
OU GB 11W-30-8-22	4304734392	8	S	22	E	30	13433		Gas Well	Producing
WV 2W-8-8-22	4304734468	8	S	22	E	8	17123		Gas Well	Producing

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

OU GB 5W-19-8-22	4304734514	8	S	22	E	19	13460	Gas Well	Producing
OU GB 7W-19-8-22	4304734515	8	S	22	E	19	13462	Gas Well	Producing
OU GB 8W-19-8-22	4304734516	8	S	22	E	19	13489	Gas Well	Producing
OU GB 11W-19-8-22	4304734517	8	S	22	E	19	13467	Gas Well	Producing
OU GB 3W-30-8-22	4304734529	8	S	22	E	30	13493	Oil Well	Producing
OU GB 6W-30-8-22	4304734530	8	S	22	E	30	13519	Gas Well	Producing
OU GB 8W-30-8-22	4304734532	8	S	22	E	30	13483	Gas Well	Producing
OU GB 9W-30-8-22	4304734533	8	S	22	E	30	13500	Gas Well	Producing
OU GB 13W-19-8-22	4304734536	8	S	22	E	19	13478	Gas Well	Producing
OU GB 6W-17-8-22	4304734543	8	S	22	E	17	13536	Oil Well	Producing
OU GB 6W-29-8-22	4304734545	8	S	22	E	29	13535	Gas Well	Producing
OU GB 3W-29-8-22	4304734546	8	S	22	E	29	13509	Gas Well	Producing
OU GB 13W-29-8-22	4304734547	8	S	22	E	29	13506	Gas Well	Producing
OU GB 4W-29-8-22	4304734548	8	S	22	E	29	13534	Gas Well	Producing
OU GB 14W-17-8-22	4304734550	8	S	22	E	17	13550	Gas Well	Producing
OU GB 11W-17-8-22	4304734553	8	S	22	E	17	13671	Gas Well	Producing
GHX 15W-17-8-21	4304734562	8	S	21	E	17	13674	Gas Well	Producing
WV 8W-22-8-21	4304734564	8	S	21	E	22	5265	Gas Well	Producing
WRU EIH 5W-35-8-22	4304734572	8	S	22	E	35	12528	Gas Well	Producing
OU GB 1W-29-8-22	4304734573	8	S	22	E	29	13562	Gas Well	Producing
OU GB 7W-29-8-22	4304734574	8	S	22	E	29	13564	Gas Well	Producing
OU GB 9W-29-8-22	4304734576	8	S	22	E	29	13551	Gas Well	Producing
OU GB 10W-29-8-22	4304734577	8	S	22	E	29	13594	Gas Well	Producing
OU GB 15W-29-8-22	4304734578	8	S	22	E	29	13569	Gas Well	Producing
OU GB 4W-16-8-22	4304734598	8	S	22	E	16	13579	Gas Well	Producing
OU GB 2W-29-8-22	4304734600	8	S	22	E	29	13691	Gas Well	Producing
OU GB 16W-17-8-22	4304734602	8	S	22	E	17	13639	Gas Well	Producing
OU GB 16W-29-8-22	4304734603	8	S	22	E	29	13610	Gas Well	Producing
GB 14MU-16-8-22	4304734619	8	S	22	E	16	14196	Gas Well	Producing
OU GB 1W-17-8-22	4304734623	8	S	22	E	17	13701	Gas Well	Producing
OU GB 9W-17-8-22	4304734624	8	S	22	E	17	13663	Gas Well	Producing
OU GB 10W-17-8-22	4304734625	8	S	22	E	17	13684	Gas Well	Producing
OU GB 9W-20-8-22	4304734630	8	S	22	E	20	13637	Gas Well	Producing
OU GB 10W-20-8-22	4304734631	8	S	22	E	20	13682	Gas Well	Producing
OU GB 15W-20-8-22	4304734632	8	S	22	E	20	13613	Gas Well	Producing
OU WIH 15MU-21-8-22	4304734634	8	S	22	E	21	13991	Gas Well	Producing
OU WIH 13W-21-8-22	4304734646	8	S	22	E	21	13745	Gas Well	Producing
OU GB 11W-15-8-22	4304734648	8	S	22	E	15	13822	Gas Well	Producing
OU GB 13W-9-8-22	4304734654	8	S	22	E	9	13706	Gas Well	Producing
GB 1MU-16-8-22	4304734656	8	S	22	E	16	14251	Gas Well	Producing
OU GB 2W-16-8-22	4304734657	8	S	22	E	16	13721	Gas Well	Producing
OU GB 6W-16-8-22	4304734658	8	S	22	E	16	13592	Gas Well	Producing

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

OU GB 7W-16-8-22	4304734659	8	S	22	E	16	13747	Gas Well	Producing
OU WIH 14W-21-8-22	4304734664	8	S	22	E	21	13720	Gas Well	Producing
OU GB 12WX-29-8-22	4304734668	8	S	22	E	29	13555	Gas Well	Producing
OU GB 15W-9-8-22	4304734678	8	S	22	E	9	4915	Oil Well	Producing
OU GB 16W-9-8-22	4304734679	8	S	22	E	9	13545	Gas Well	Producing
OU WIH 10W-21-8-22	4304734681	8	S	22	E	21	13662	Gas Well	Producing
WRU EIH 6W-35-8-22	4304734684	8	S	22	E	35	12528 16723	Gas Well	Producing
OU GB 4G-21-8-22	4304734685	8	S	22	E	21	13772	Oil Well	Producing
OU WIH 7W-21-8-22	4304734689	8	S	22	E	21	13716	Gas Well	Producing
OU GB 5W-21-8-22	4304734690	8	S	22	E	21	13770	Oil Well	Producing
GB 11ML-10-8-22	4304734691	8	S	22	E	10	14818	Gas Well	Producing
WIH 1MU-21-8-22	4304734693	8	S	22	E	21	14001	Gas Well	Producing
OU GB 5G-19-8-22	4304734695	8	S	22	E	19	13786	Oil Well	Producing
OU GB 1G-19-8-22	4304734696	8	S	22	E	19	13727	Oil Well	Producing
OU GB 7W-20-8-22	4304734705	8	S	22	E	20	13710	Gas Well	Producing
WRU EIH 11W-35-8-22	4304734708	8	S	22	E	35	12528	Gas Well	Producing
OU SG 14W-15-8-22	4304734710	8	S	22	E	15	13821	Gas Well	Producing
OU SG 15W-15-8-22	4304734711	8	S	22	E	15	13790	Gas Well	Producing
OU SG 16W-15-8-22	4304734712	8	S	22	E	15	13820	Gas Well	Producing
OU GB 5MU-15-8-22	4304734715	8	S	22	E	15	13900	Gas Well	Producing
OU SG 8W-15-8-22	4304734717	8	S	22	E	15	13819	Gas Well	Producing
GHX 13HG-17-8-21	4304734723	8	S	21	E	17	5355	Oil Well	Producing
OU GB 14SG-29-8-22	4304734743	8	S	22	E	29	14034	Gas Well	Producing
OU GB 16SG-29-8-22	4304734744	8	S	22	E	29	13771	Gas Well	Producing
OU GB 6MU-21-8-22	4304734755	8	S	22	E	21	14012	Gas Well	Producing
DESERT SPRING 7-30-10-18	4304734760	10	S	18	E	30	14366	Oil Well	Producing
OU SG 10W-10-8-22	4304734764	8	S	22	E	10	13751	Gas Well	Producing
STATE 11-16-10-18	4304734767	10	S	18	E	16	14366	Oil Well	Producing
OU GB 14M-10-8-22	4304734768	8	S	22	E	10	13849	Gas Well	Producing
OU GB 12M-10-8-22	4304734769	8	S	22	E	10	13545	Gas Well	Producing
SU BW 6M-7-7-22	4304734837	7	S	22	E	7	13966	Gas Well	Producing
GB 7MU-36-8-21	4304734893	8	S	21	E	36	14591	Gas Well	Producing
GB 3W-36-8-21	4304734894	8	S	21	E	36	13791	Gas Well	Producing
GB 3M-27-8-21	4304734900	8	S	21	E	27	14614	Gas Well	Producing
WVX 11D-22-8-21	4304734902	8	S	21	E	22	14632	Gas Well	Producing
GB 5W-36-8-21	4304734925	8	S	21	E	36	13808	Gas Well	Producing
GB 4MU-36-8-21	4304734926	8	S	21	E	36	14589	Gas Well	Producing
GH 1G-17-8-21	4304734927	8	S	21	E	17	5355	Oil Well	Producing
WVX 2W-17-8-21	4304734928	8	S	21	E	17	14253	Gas Well	Producing
WVX 8W-17-8-21	4304734929	8	S	21	E	17	13792	Gas Well	Producing
GB 11M-27-8-21	4304734952	8	S	21	E	27	13809	Gas Well	Producing
GB 9D-27-8-21	4304734956	8	S	21	E	27	14633	Gas Well	Producing

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

GB 1D-27-8-21	4304734957	8	S	21	E	27	14634		Gas Well	Producing
RW 34-27C	4304735045	7	S	24	E	27	5670		Gas Well	Producing
WRU EIH 10W-35-8-22	4304735046	8	S	22	E	35	12528	15700	Gas Well	Producing
WRU EIH 9MU-26-8-22	4304735047	8	S	22	E	26	12528		Gas Well	Producing
WRU EIH 15MU-26-8-22	4304735048	8	S	22	E	26	12528		Gas Well	Producing
WRU EIH 1MU-35-8-22	4304735049	8	S	22	E	35	12528		Gas Well	Producing
WRU EIH 9M-35-8-22	4304735050	8	S	22	E	35	12528	14005	Gas Well	Producing
WRU EIH 7MU-35-8-22	4304735051	8	S	22	E	35	12528	14106	Gas Well	Producing
GH 4MU-20-8-21	4304735068	8	S	21	E	20	14213		Gas Well	Producing
GH 12MU-20-8-21	4304735069	8	S	21	E	20	14129		Gas Well	Producing
GH 13MU-20-8-21	4304735070	8	S	21	E	20	14817		Gas Well	Producing
SG 6ML-11-8-22	4304735073	8	S	22	E	11	14825		Gas Well	Producing
OU SG 5MU-14-8-22	4304735076	8	S	22	E	14	13989		Gas Well	Producing
OU SG 6MU-14-8-22	4304735077	8	S	22	E	14	14128		Gas Well	Producing
SG 12MU-14-8-22	4304735078	8	S	22	E	14	13921		Gas Well	Producing
OU SG 13MU-14-8-22	4304735079	8	S	22	E	14	13990		Gas Well	Producing
GB 2ML-30-8-22	4304735080	8	S	22	E	30	14816		Gas Well	Producing
GH 5W-20-8-21	4304735097	8	S	21	E	20	14557		Gas Well	Producing
SG 5MU-23-8-22	4304735115	8	S	22	E	23	14368		Gas Well	Producing
SG 6MU-23-8-22	4304735116	8	S	22	E	23	14231		Gas Well	Producing
SG 14MU-23-8-22	4304735117	8	S	22	E	23	14069		Gas Well	Producing
WRU EIH 1MU-26-8-22	4304735118	8	S	22	E	26	12528	14349	Gas Well	Producing
WRU EIH 7MU-26-8-22	4304735119	8	S	22	E	26	12528	14102	Gas Well	Producing
WRU EIH 10MU-26-8-22	4304735120	8	S	22	E	26	12528	14107	Gas Well	Producing
WRU EIH 15MU-35-8-22	4304735121	8	S	22	E	35	12528	14197	Gas Well	Producing
GB 5SG-36-8-21	4304735155	8	S	21	E	36	14015		Gas Well	Producing
WRU EIH 10ML-23-8-22	4304735187	8	S	22	E	23	12528	14503	Gas Well	Producing
SG 12MU-23-8-22	4304735188	8	S	22	E	23	14412		Gas Well	Producing
WRU EIH 9ML-23-8-22	4304735189	8	S	22	E	23	12528	14504	Gas Well	Producing
SG 13MU-23-8-22	4304735190	8	S	22	E	23	14103		Gas Well	Producing
WRU EIH 16MU-26-8-22	4304735191	8	S	22	E	26	12528	14351	Gas Well	Producing
WRU EIH 2MU-26-8-22	4304735192	8	S	22	E	26	12528	14104	Gas Well	Producing
WRU EIH 16MU-35-8-22	4304735194	8	S	22	E	35	12528	14198	Gas Well	Producing
WRU EIH 8MU-35-8-22	4304735195	8	S	22	E	35	12528	17329	Gas Well	Producing
RW 32G-16C	4304735238	7	S	24	E	16	5670		Gas Well	Producing
GB 4D-28-8-21	4304735246	8	S	21	E	28	14645		Gas Well	Producing
GB 7M-28-8-21	4304735247	8	S	21	E	28	14432		Gas Well	Producing
GB 14M-28-8-21	4304735248	8	S	21	E	28	13992		Gas Well	Producing
SG 11MU-23-8-22	4304735257	8	S	22	E	23	13973		Gas Well	Producing
SC 13ML-16-10-23	4304735281	10	S	23	E	16	14036		Gas Well	Producing
SC 3ML-16-10-23	4304735282	10	S	23	E	16	14014		Gas Well	Producing
SC 11ML-16-10-23	4304735311	10	S	23	E	16	14035		Gas Well	Producing

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

WVX 3MU-17-8-21	4304735318	8	S	21	E	17	14113		Gas Well	Producing
GH 15ML-18-8-21	4304735323	8	S	21	E	18	15483		Gas Well	Producing
GH 1ML-19-8-21	4304735324	8	S	21	E	19	14824		Gas Well	Producing
SG 15MU-14-8-22	4304735328	8	S	22	E	14	14338		Gas Well	Producing
WRU EIH 13MU-25-8-22	4304735329	8	S	22	E	25	12528	14168	Gas Well	Producing
EIHX 14MU-25-8-22	4304735330	8	S	22	E	25	14501		Gas Well	Producing
EIHX 11MU-25-8-22	4304735331	8	S	22	E	25	14470		Gas Well	Producing
NBE 12ML-10-9-23	4304735333	9	S	23	E	10	14260		Gas Well	Producing
NBE 13ML-17-9-23	4304735334	9	S	23	E	17	14000		Gas Well	Producing
WVX 14MU 17-8-21	4304735369	8	S	21	E	17	14098		Gas Well	Producing
WVX 12MU-17-8-21	4304735370	8	S	21	E	17	15108		Gas Well	Producing
WVX 8MU-19-8-21	4304735372	8	S	21	E	19	5355		Gas Well	Producing
SG 7MU-11-8-22	4304735374	8	S	22	E	11	14635		Gas Well	Producing
SG 1MU-11-8-22	4304735375	8	S	22	E	11	14279		Gas Well	Producing
SG 8MU-11-8-22	4304735380	8	S	22	E	11	14616		Gas Well	Producing
SG 10MU-11-8-22	4304735382	8	S	22	E	11	14979		Gas Well	Producing
WRU EIH 15ML-23-8-22	4304735387	8	S	22	E	23	12528	14681	Gas Well	Producing
GH 10ML-18-8-21	4304735391	8	S	21	E	18	15482		Gas Well	Producing
SU 11MU-9-8-21	4304735412	8	S	21	E	9	14143		Gas Well	Producing
EIHX 2MU-25-8-22	4304735427	8	S	22	E	25	14666		Gas Well	Producing
EIHX 1MU-25-8-22	4304735428	8	S	22	E	25	14705		Gas Well	Producing
EIHX 7MU-25-8-22	4304735429	8	S	22	E	25	14682		Gas Well	Producing
EIHX 8MU-25-8-22	4304735430	8	S	22	E	25	14706		Gas Well	Producing
WRU EIH 6MU-25-8-22	4304735431	8	S	22	E	25	12528	14379	Gas Well	Producing
WRU EIH 5MU-25-8-22	4304735432	8	S	22	E	25	12528	14240	Gas Well	Producing
EIHX 16MU-25-8-22	4304735434	8	S	22	E	25	14502		Gas Well	Producing
EIHX 15MU-25-8-22	4304735435	8	S	22	E	25	14571		Gas Well	Producing
EIHX 10MU-25-8-22	4304735436	8	S	22	E	25	14537		Gas Well	Producing
GB 3MU-3-8-22	4304735457	8	S	22	E	3	14575		Gas Well	Producing
NBE 15M-17-9-23	4304735463	9	S	23	E	17	14423		Gas Well	Producing
NBE 7ML-17-9-23	4304735464	9	S	23	E	17	14232		Gas Well	Producing
NBE 3ML-17-9-23	4304735465	9	S	23	E	17	14276		Gas Well	Producing
NBE 11M-17-9-23	4304735466	9	S	23	E	17	14431		Gas Well	Producing
NBE 6ML-10-9-23	4304735651	9	S	23	E	10	14422		Gas Well	Producing
NBE 12ML-17-9-23	4304735652	9	S	23	E	17	14278		Gas Well	Producing
RWS 10ML-6-9-24	4304735653	9	S	24	E	6	17644		Gas Well	Producing
NBE 15ML-26-9-23	4304735666	9	S	23	E	26	14326		Gas Well	Producing
WRU EIH 14MU-35-8-22	4304735667	8	S	22	E	35	12528	14615	Gas Well	Producing
RW 34-23AG	4304735668	7	S	22	E	23	5670		Oil Well	Producing
RWU 32-27AG	4304735670	7	S	22	E	27	5670		Oil Well	Producing
RW 14-34AMU	4304735671	7	S	22	E	34	18478		Gas Well	Producing
SG 4MU-23-8-22	4304735758	8	S	22	E	23	14380		Gas Well	Producing

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

WRU EIH 13ML-24-8-22	4304735793	8	S	22	E	24	12528 14644	Gas Well	Producing
WRU EIH 16ML-23-8-22	4304735804	8	S	22	E	23	12528 14683	Gas Well	Producing
WV 14MU-10-8-21	4304735879	8	S	21	E	10	17123	Gas Well	Producing
RB DS FED 1G-7-10-18	4304735932	10	S	18	E	7	14457	Oil Well	Producing
OU SG 14MU-14-8-22	4304735950	8	S	22	E	14	14479	Gas Well	Producing
COY 12ML-24-8-24	4304736039	8	S	24	E	24	14592	Oil Well	Producing
WIH 1AMU-21-8-22	4304736060	8	S	22	E	21	14980	Gas Well	Producing
NBE 4ML-10-9-23	4304736098	9	S	23	E	10	15732	Gas Well	Producing
NBE 8ML-10-9-23	4304736099	9	S	23	E	10	15733	Gas Well	Producing
NBE 16ML-10-9-23	4304736100	9	S	23	E	10	14728	Gas Well	Producing
SUBW 14M-7-7-22	4304736136	7	S	22	E	7	15734	Gas Well	Producing
GB 16D-28-8-21	4304736260	8	S	21	E	28	14981	Gas Well	Producing
RW 44-08FG	4304736349	8	S	24	E	8	18478	Gas Well	Producing
RW 34-34 AD	4304736351	7	S	22	E	34	18478	Gas Well	Producing
NBE 5ML-10-9-23	4304736353	9	S	23	E	10	15227	Gas Well	Producing
NBE 7ML-10-9-23	4304736355	9	S	23	E	10	15850	Gas Well	Producing
NBE 3ML-10-9-23	4304736356	9	S	23	E	10	15393	Gas Well	Producing
EIHX 4MU-36-8-22	4304736444	8	S	22	E	36	14875	Gas Well	Producing
EIHX 3MU-36-8-22	4304736445	8	S	22	E	36	14860	Gas Well	Producing
EIHX 1MU-36-8-22	4304736447	8	S	22	E	36	14861	Gas Well	Producing
NBE 7ML-26-9-23	4304736587	9	S	23	E	26	16008	Gas Well	Producing
NBE 8ML-26-9-23	4304736588	9	S	23	E	26	15689	Gas Well	Producing
NBE 2ML-26-9-23	4304736590	9	S	23	E	26	15898	Gas Well	Producing
NBE 3ML-26-9-23	4304736591	9	S	23	E	26	15906	Gas Well	Producing
NBE 5ML-26-9-23	4304736592	9	S	23	E	26	15839	Gas Well	Producing
NBE 9ML-10-9-23	4304736593	9	S	23	E	10	15438	Gas Well	Producing
NBE 11ML-10-9-23	4304736594	9	S	23	E	10	15228	Gas Well	Producing
NBE 15ML-10-9-23	4304736595	9	S	23	E	10	15439	Gas Well	Producing
NBE 2ML-17-9-23	4304736614	9	S	23	E	17	15126	Gas Well	Producing
NBE 4ML-17-9-23	4304736615	9	S	23	E	17	15177	Gas Well	Producing
NBE 6ML-17-9-23	4304736616	9	S	23	E	17	15127	Gas Well	Producing
NBE 10ML-17-9-23	4304736617	9	S	23	E	17	15128	Gas Well	Producing
NBE 14ML-17-9-23	4304736618	9	S	23	E	17	15088	Gas Well	Producing
NBE 9ML-26-9-23	4304736619	9	S	23	E	26	15322	Gas Well	Producing
NBE 10D-26-9-23	4304736620	9	S	23	E	26	15975	Gas Well	Producing
NBE 13ML-26-9-23	4304736622	9	S	23	E	26	15690	Gas Well	Producing
NBE 14ML-26-9-23	4304736623	9	S	23	E	26	15262	Gas Well	Producing
NBE 16ML-26-9-23	4304736624	9	S	23	E	26	15735	Gas Well	Producing
SSU 8G-9-8-21	4304736736	8	S	21	E	9	14997	Oil Well	Producing
RW 41-26AG	4304736818	7	S	22	E	26	18478	Gas Well	Producing
SC 5ML-16-10-23	4304736877	10	S	23	E	16	15125	Gas Well	Producing
SC 12ML-16-10-23	4304736878	10	S	23	E	16	15053	Gas Well	Producing

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

RW 01-36BG	4304736887	7	S	23	E	36	5670		Oil Well	Producing
SC 14ML-16-10-23	4304736908	10	S	23	E	16	15070		Gas Well	Producing
SC 4ML-16-10-23	4304736912	10	S	23	E	16	15208		Gas Well	Producing
SG 3MU-23-8-22	4304736940	8	S	22	E	14	15100		Gas Well	Producing
NBE 5ML-17-9-23	4304736941	9	S	23	E	17	15101		Gas Well	Producing
RW 04-25B	4304736982	7	S	23	E	25	18478		Oil Well	Producing
MULLIGAN 822-24H	4304737077	8	S	22	E	24	15547		Gas Well	Producing
MULLIGAN 822-24G	4304737078	8	S	22	E	24	15547		Gas Well	Producing
NBZ 8D-31-8-24	4304737238	8	S	24	E	31	17644		Gas Well	Producing
CWD 14D-32-8-24	4304737277	8	S	24	E	32	17644		Gas Well	Producing
CWD 16D-32-8-24	4304737278	8	S	24	E	32	17644		Gas Well	Producing
WRU EIH 11BML-35-8-22	4304737300	8	S	22	E	35	12528	15282	Gas Well	Producing
RWS 2ML-5-9-24	4304737306	9	S	24	E	5	17644		Gas Well	Producing
RWS 10ML-5-9-24	4304737308	9	S	24	E	5	18903		Gas Well	Producing
RWS 12ML-6-9-24	4304737312	9	S	24	E	6	17644		Gas Well	Producing
RWS 16ML-6-9-24	4304737335	9	S	24	E	6	17644		Gas Well	Producing
CWD 10D-32-8-24	4304737347	8	S	24	E	32	17644		Gas Well	Producing
RWS 8D-6-9-24	4304737352	9	S	24	E	6	17644		Gas Well	Producing
RWS 4ML-6-9-24	4304737412	9	S	24	E	6	17644		Gas Well	Producing
RWS 6D-6-9-24	4304737413	9	S	24	E	6	17644		Gas Well	Producing
WRU EIH 3D-ML-35-8-22	4304737465	8	S	22	E	35	12528	15552	Gas Well	Producing
WRU EIH 7D-ML-35-8-22	4304737466	8	S	22	E	35	12528	15637	Gas Well	Producing
NBE 2ML-10-9-23	4304737619	9	S	23	E	10	15860		Gas Well	Producing
GB 16ML-20-8-22	4304737664	8	S	22	E	20	15948		Gas Well	Producing
GB 8D-20-8-22	4304737665	8	S	22	E	20	15977		Gas Well	Producing
BZ 10D-16-8-24	4304737671	8	S	24	E	16	15979		Gas Well	Producing
RW 24-16BG	4304737746	7	S	23	E	16	5670		Oil Well	Producing
WV 12BML-16-8-21	4304737824	8	S	21	E	16	17123		Gas Well	Producing
WV 15CML-16-8-21	4304737871	8	S	21	E	16	17123		Gas Well	Producing
WV 14DML-12-8-21	4304737924	8	S	21	E	12	17123		Gas Well	Producing
WV 4DML-15-8-21	4304737927	8	S	21	E	15	17123		Gas Well	Producing
GB 9ML-16-8-22	4304737944	8	S	22	E	16	15851		Gas Well	Producing
SSU 11G-9-8-21	4304737991	8	S	21	E	9	16007		Oil Well	Producing
GH 16G-17-8-21	4304737993	8	S	21	E	17	5355		Oil Well	Producing
WV 11AD-14-8-21	4304738049	8	S	21	E	14	17123		Gas Well	Producing
GH 7D-19-8-21	4304738267	8	S	21	E	19	16922		Gas Well	Producing
WRU EIH 4AD-25-8-22	4304738636	8	S	22	E	25	12528	16651	Gas Well	Producing
WRU EIH 7AD-26-8-22	4304738637	8	S	22	E	26	12528	16579	Gas Well	Producing
WRU EIH 6DD-35-8-22	4304738640	8	S	22	E	35	12528	16511	Gas Well	Producing
WRU EIH 7AD-35-8-22	4304738641	8	S	22	E	35	16180		Gas Well	Producing
WRU EIH 9CD-26-8-22	4304738649	8	S	22	E	26	12528	16446	Gas Well	Producing
GH 6-20-8-21	4304738662	8	S	21	E	20	17041		Gas Well	Producing

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

WV 6-24-8-21	4304738663	8	S	21	E	24	17123	Gas Well	Producing
WV 16C-14-8-21	4304738737	8	S	21	E	14	17123	Gas Well	Producing
GB 1M-4-8-22R (RIGSKID)	4304738990	8	S	22	E	4	15879	Gas Well	Producing
WRU EIH 6D-5-8-23	4304738994	8	S	23	E	5	16415	Gas Well	Producing
WV 13A-15-8-21	4304739039	8	S	21	E	15	17123	Gas Well	Producing
WV 8D-15-8-21	4304739040	8	S	21	E	15	17123	Gas Well	Producing
WV 4BD-23-8-21	4304739041	8	S	21	E	23	17123	Gas Well	Producing
WV 7BD-23-8-21	4304739044	8	S	21	E	23	17123	Gas Well	Producing
WV 13AD-8-8-22R(RIGSKID)	4304739321	8	S	22	E	8	17123	Gas Well	Producing
NBE 8CD-10-9-23	4304739341	9	S	23	E	10	16513	Gas Well	Producing
NBE 5DD-10-9-23	4304739346	9	S	23	E	10	16574	Gas Well	Producing
NBE 4DD-17-9-23	4304739348	9	S	23	E	17	16743	Gas Well	Producing
NBE 8BD-26-9-23	4304739351	9	S	23	E	26	16617	Gas Well	Producing
RW 34-27ADR	4304739445	7	S	22	E	27	18478	Gas Well	Producing
GB 15D-27-8-21	4304739662	8	S	21	E	27	16830	Gas Well	Producing
WV 13D-23-8-21	4304739663	8	S	21	E	23	16813	Gas Well	Producing
WV 15D-23-8-21	4304739664	8	S	21	E	23	16924	Gas Well	Producing
WRU GB 13G-3-8-22	4304739792	8	S	22	E	3	4915	Oil Well	Producing
SSU 2G-3-8-21	4304740159	8	S	21	E	3	13241	Oil Well	Producing
SSU 13G-4-8-21	4304740199	8	S	21	E	4	13241	Oil Well	Producing
GB 3D-4-8-22R(RIGSKID)	4304740345	8	S	22	E	4	17099	Gas Well	Producing
DS 9G-16-10-18	4304751171	10	S	18	E	16	18495	Oil Well	Producing
DS 13G-19-10-18	4304751178	10	S	18	E	19	18555	Oil Well	Producing
BW 15-18-7-22	4304751179	7	S	22	E	18	18653	Gas Well	Producing
DS 16G-20-10-18	4304751226	10	S	18	E	20	18475	Oil Well	Producing
RW 44-25B	4304751719	7	S	23	E	25	18478	Gas Well	Producing
RW 34-24B	4304751720	7	S	23	E	24	18478	Gas Well	Producing
RW 43-20B	4304751721	7	S	23	E	20	18478	Gas Well	Producing
RW 23A-28B	4304751722	7	S	23	E	28	18478	Gas Well	Producing
RW 32-29B	4304751723	7	S	23	E	29	18478	Gas Well	Producing
RW 31-20B	4304751724	7	S	23	E	20	18478	Gas Well	Producing
RW 32-25A	4304751788	7	S	22	E	25	18478	Gas Well	Producing
RW 12C3-25B	4304751903	7	S	23	E	25	18478	Gas Well	Producing
RW 12D1-25B	4304751904	7	S	23	E	25	18478	Gas Well	Producing
RW 12D4-25B	4304751905	7	S	23	E	25	18478	Gas Well	Producing
RW 12A2-28B	4304751938	7	S	23	E	28	18478	Gas Well	Producing
RW 13D2-24A	4304751939	7	S	22	E	24	18478	Gas Well	Producing
RW 14D3-24A	4304751940	7	S	22	E	24	18478	Gas Well	Producing
RW 12B4-27B	4304752234	7	S	23	E	27	18478	Gas Well	Producing
RW 9C1-24B	4304752237	7	S	23	E	24	18478	Gas Well	Producing
RW 9C1-26B	4304752238	7	S	23	E	26	18478	Gas Well	Producing
RW 8C1-30B	4304752240	7	S	23	E	30	18478	Gas Well	Producing

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

RW 5D2-26B	4304752242	7	S	23	E	26	18478	Gas Well	Producing
RW 13B4-18C	4304752243	7	S	24	E	18	18478	Gas Well	Producing
RW 5B4-23B	4304752311	7	S	23	E	23	18478	Gas Well	Producing
RW 5C1-23B	4304752312	7	S	23	E	23	18478	Gas Well	Producing
RW 2B4-26B	4304752313	7	S	23	E	23	18478	Gas Well	Producing
RW 15C4-23B	4304752314	7	S	23	E	23	18478	Gas Well	Producing
RW 15C1-23B	4304752316	7	S	23	E	23	18478	Gas Well	Producing
RW 10C4-23B	4304752317	7	S	23	E	23	18478	Gas Well	Producing
RW 15B4-23B	4304752319	7	S	23	E	23	18478	Gas Well	Producing
RW 10C1-23B	4304752320	7	S	23	E	23	18478	Gas Well	Producing
RW 2B1-26B	4304752324	7	S	23	E	23	18478	Gas Well	Producing
RW 5C4-23B	4304752327	7	S	23	E	23	18478	Gas Well	Producing
RW 12B1-23B	4304752328	7	S	23	E	23	18478	Gas Well	Producing
RW 12C4-23B	4304752329	7	S	23	E	23	18478	Gas Well	Producing
RW 12C1-23B	4304752330	7	S	23	E	23	18478	Gas Well	Producing
RW 12B4-23B	4304752332	7	S	23	E	23	18478	Gas Well	Producing
RW 13B1-23B	4304752333	7	S	23	E	23	18478	Gas Well	Producing
EM 1G-36-9-17	4304752400	9	S	17	E	36	18860	Oil Well	Producing
DS 15G-5-10-18	4304752406	10	S	18	E	5	18959	Oil Well	Producing
DS 14G-6-10-18	4304753023	10	S	18	E	6	14457	Oil Well	Producing
DS 2G-6-10-18	4304753286	10	S	18	E	6	19002	Oil Well	Producing
RW 34-20BGR	4304753299	7	S	23	E	20	18478	Gas Well	Producing
RW 11-26AGR	4304753302	7	S	22	E	26	5670	Oil Well	Producing
RW 31-31BGR	4304753305	7	S	23	E	31	5670	Oil Well	Producing
RW 24-14AGR	4304753307	7	S	22	E	14	18478	Gas Well	Producing
RW 11-27AGR	4304753311	7	S	22	E	27	5670	Oil Well	Producing
RW 44-25AGR	4304753648	7	S	22	E	25	5670	Oil Well	Producing
RW 42-25AGR	4304753682	7	S	22	E	25	18478	Gas Well	Producing
RW H1-14-16B	4304754358	7	S	23	E	16	18478	Gas Well	Producing
RW 8B4-28B	4304754662	7	S	23	E	28	18478	Gas Well	Producing
RW 8C4-28B	4304754663	7	S	23	E	28	18478	Gas Well	Producing
RW 7C4-28B	4304754664	7	S	23	E	28	18478	Gas Well	Producing
RW 1C4-28B	4304754665	7	S	23	E	28	18478	Gas Well	Producing
RW 7B4-28B	4304754666	7	S	23	E	28	18478	Gas Well	Producing
RW 2C4-28B	4304754667	7	S	23	E	28	18478	Gas Well	Producing
RW 15C4-21B	4304754668	7	S	23	E	28	18478	Gas Well	Producing
RW 15B4-21B	4304754669	7	S	23	E	28	18478	Gas Well	Producing
RW 9C1-16A	4304755303	7	S	22	E	21	18478	Gas Well	Producing
RW 8C1-21A	4304755401	7	S	22	E	21	18478	Gas Well	Producing
RW 8B1-21A	4304755402	7	S	22	E	21	18478	Gas Well	Producing
RW 1C1-21A	4304755403	7	S	22	E	21	18478	Gas Well	Producing
RW 16B1-16A	4304755404	7	S	22	E	21	18478	Gas Well	Producing

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

RW 16C1-16A	4304755405	7	S	22	E	21	18478	Gas Well	Producing
RW 9B1-21A	4304755406	7	S	22	E	21	18478	Gas Well	Producing
RW 1B1-21A	4304755414	7	S	22	E	21	18478	Gas Well	Producing
KJ 33B-17A	4304755649	7	S	22	E	17	100135	Gas Well	Producing
SR 32A-13H	4304755730	8	S	22	E	13	100136	Gas Well	Producing
WR 16G-32-10-17	4301350370	10	S	17	E	32	17720	Oil Well	Shut-in
WR 11G-5-10-17	4301351913	10	S	17	E	5	18554	Oil Well	Shut-in
RW 32-17C	4304715145	7	S	24	E	17	18478	Gas Well	Shut-in
RW 32-13B	4304715163	7	S	23	E	13	5670	Gas Well	Shut-in
RW 34-18B	4304715189	7	S	23	E	18	5670	Oil Well	Shut-in
RW 23-18B	4304715210	7	S	23	E	18	5670	Water Injection Well	Shut-in
RW 43-29A	4304715236	7	S	22	E	29	17947	Gas Well	Shut-in
RW 41-34B	4304715250	7	S	23	E	34	5670	Oil Well	Shut-in
RW 41-33A	4304715294	7	S	22	E	33	5670	Oil Well	Shut-in
RW 23-25A	4304715305	7	S	22	E	25	5670	Oil Well	Shut-in
WV 83 WG	4304720205	8	S	21	E	23	17123	Gas Well	Shut-in
WV 104	4304730022	8	S	21	E	15	5265	Oil Well	Shut-in
RW 44-21C	4304730149	7	S	24	E	21	5670	Gas Well	Shut-in
RW 21-34B	4304730258	7	S	23	E	34	5670	Oil Well	Shut-in
RW 22-17C	4304730388	7	S	24	E	17	5670	Gas Well	Shut-in
GLEN BENCH 31-30	4304731008	8	S	22	E	30	13727	Oil Well	Shut-in
RW 11-35B	4304731079	7	S	23	E	35	5670	Oil Well	Shut-in
GB 45-16	4304731399	8	S	22	E	16	13727	Oil Well	Shut-in
GB 31-20	4304731433	8	S	22	E	20	13727	Oil Well	Shut-in
WV 142	4304731612	8	S	21	E	16	5265	Oil Well	Shut-in
WV 145	4304731820	8	S	22	E	18	17123	Gas Well	Shut-in
GH 19	4304732651	8	S	21	E	20	5355	Oil Well	Shut-in
GH 21 WG	4304732692	8	S	21	E	21	11819	Gas Well	Shut-in
FLU KNOLLS FED 23-3	4304732754	10	S	18	E	3	12003	Oil Well	Shut-in
WV 49 WG	4304732832	8	S	22	E	8	17123	Gas Well	Shut-in
GB 6-36-8-21	4304733038	8	S	21	E	36	12378	Gas Well	Shut-in
WV 138 WG	4304733054	8	S	22	E	18	17123	Gas Well	Shut-in
WRU EIH 15-35-8-22	4304733061	8	S	22	E	35	12528	Gas Well	Shut-in
WV 14 WG	4304733070	8	S	21	E	12	17123	Gas Well	Shut-in
GB 2-36-8-21	4304733252	8	S	21	E	36	12527	Gas Well	Shut-in
WV 9W-14-8-21	4304733269	8	S	21	E	14	17123	Gas Well	Shut-in
WV 1W-18-8-22	4304733294	8	S	22	E	18	17123	Gas Well	Shut-in
WV 11W-8-8-22	4304733295	8	S	22	E	8	17123	Gas Well	Shut-in
WV 3W-7-8-22	4304733502	8	S	22	E	7	17123	Gas Well	Shut-in
GH 10W-19-8-21	4304733528	8	S	21	E	19	12736	Gas Well	Shut-in
WV 16W-9-8-21	4304733529	8	S	21	E	9	17123	Gas Well	Shut-in
WV 9W-12-8-21	4304733534	8	S	21	E	12	17123	Gas Well	Shut-in

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

WV 11W-12-8-21	4304733535	8	S	21	E	12	17123	Gas Well	Shut-in
WV 11W-13-8-21	4304733536	8	S	21	E	13	5265	Gas Well	Shut-in
GH 5W-32-8-21	4304733572	8	S	21	E	32	12828	Gas Well	Shut-in
WV 3W-22-8-21	4304733604	8	S	21	E	22	17123	Gas Well	Shut-in
WV 13W-14-8-21	4304733607	8	S	21	E	14	17123	Gas Well	Shut-in
WV 11W-18-8-22	4304733626	8	S	22	E	18	17123	Gas Well	Shut-in
WV 9W-2-8-21	4304733648	8	S	21	E	2	17123	Gas Well	Shut-in
WV 4W-11-8-21	4304733657	8	S	21	E	11	17123	Gas Well	Shut-in
WV 2W-13-8-21	4304733791	8	S	21	E	13	17123	Gas Well	Shut-in
WV 12W-8-8-22	4304733815	8	S	22	E	8	17123	Gas Well	Shut-in
WV 14W-7-8-22	4304733816	8	S	22	E	7	17123	Gas Well	Shut-in
WV 16W-7-8-22	4304733817	8	S	22	E	7	17123	Gas Well	Shut-in
WV 6W-18-8-22	4304733842	8	S	22	E	18	17123	Gas Well	Shut-in
WV 6WC-18-8-22	4304733843	8	S	22	E	18	17123	Gas Well	Shut-in
WV 6WD-18-8-22	4304733844	8	S	22	E	18	17123	Gas Well	Shut-in
WV 7W-23-8-21	4304733861	8	S	21	E	23	17123	Gas Well	Shut-in
WV 8W-12-8-21	4304733862	8	S	21	E	12	17123	Gas Well	Shut-in
WV 10W-12-8-21	4304733863	8	S	21	E	12	17123	Gas Well	Shut-in
WV 14W-12-8-21	4304733864	8	S	21	E	12	17123	Gas Well	Shut-in
WV 16W-12-8-21	4304733865	8	S	21	E	12	17123	Gas Well	Shut-in
GH 5G-32-8-21	4304733866	8	S	21	E	32	13037	Oil Well	Shut-in
WV 1W-22-8-21	4304733903	8	S	21	E	22	5265	Gas Well	Shut-in
WV 11W-15-8-21	4304733911	8	S	21	E	15	17123	Gas Well	Shut-in
WV 13W-11-8-21	4304733913	8	S	21	E	11	17123	Gas Well	Shut-in
WV 15W-10-8-21	4304733916	8	S	21	E	10	17123	Gas Well	Shut-in
WV 15W-15-8-21	4304733917	8	S	21	E	15	17123	Gas Well	Shut-in
OU GB 4W-30-8-22	4304733945	8	S	22	E	30	13372	Gas Well	Shut-in
WV 5W-14-8-21	4304733953	8	S	21	E	14	17123	Gas Well	Shut-in
WV 7W-14-8-21	4304733955	8	S	21	E	14	17123	Gas Well	Shut-in
WV 8W-14-8-21	4304733958	8	S	21	E	14	17123	Gas Well	Shut-in
WV 9W-15-8-21	4304733959	8	S	21	E	15	17123	Gas Well	Shut-in
WV 8W-18-8-22	4304733989	8	S	22	E	18	17123	Gas Well	Shut-in
WV 10W-18-8-22	4304733991	8	S	22	E	18	17123	Gas Well	Shut-in
WV 14W-18-8-22	4304733995	8	S	22	E	18	17123	Gas Well	Shut-in
SU 15W-5-8-22	4304733996	8	S	22	E	5	13240	Gas Well	Shut-in
OU GB 6W-20-8-22	4304734018	8	S	22	E	20	13518	Gas Well	Shut-in
WV 2W-2-8-21	4304734034	8	S	21	E	2	17645	Gas Well	Shut-in
WV 4W-17-8-22	4304734038	8	S	22	E	17	17123	Gas Well	Shut-in
OU GB 11W-20-8-22	4304734039	8	S	22	E	20	13413	Gas Well	Shut-in
OU GB 4W-20-8-22	4304734043	8	S	22	E	20	13520	Gas Well	Shut-in
FED 2-20-10-18	4304734134	10	S	18	E	20	14366	Oil Well	Shut-in
WV 2W-23-8-21	4304734142	8	S	21	E	23	5265	Gas Well	Shut-in

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

WV 4W-22-8-21	4304734146	8	S	21	E	22	17123	Gas Well	Shut-in
WV 3W-19-8-22	4304734187	8	S	22	E	19	17123	Gas Well	Shut-in
WV 6W-23-8-21	4304734189	8	S	21	E	23	17123	Gas Well	Shut-in
WV 11W-16-8-21	4304734190	8	S	21	E	16	17123	Gas Well	Shut-in
WV 13W-16-8-21	4304734191	8	S	21	E	16	17123	Gas Well	Shut-in
WV 2W-3-8-21	4304734207	8	S	21	E	3	13677	Gas Well	Shut-in
WV 2W-15-8-21	4304734242	8	S	21	E	15	17123	Gas Well	Shut-in
WV 4W-14-8-21	4304734244	8	S	21	E	14	17123	Gas Well	Shut-in
WV 7W-15-8-21	4304734246	8	S	21	E	15	17123	Gas Well	Shut-in
WV 14W-15-8-21	4304734249	8	S	21	E	15	17123	Gas Well	Shut-in
WV 6W-22-8-21	4304734272	8	S	21	E	22	13379	Oil Well	Shut-in
WV 10W-14-8-21	4304734275	8	S	21	E	14	17123	Gas Well	Shut-in
WV 10W-15-8-21	4304734295	8	S	21	E	15	17123	Gas Well	Shut-in
WV 5W-16-8-21	4304734321	8	S	21	E	16	17123	Gas Well	Shut-in
WV 9W-16-8-21	4304734325	8	S	21	E	16	17123	Gas Well	Shut-in
WV 4W-24-8-21	4304734330	8	S	21	E	24	17123	Gas Well	Shut-in
SU 16W-5-8-22	4304734446	8	S	22	E	5	13654	Gas Well	Shut-in
SU 2W-5-8-22	4304734455	8	S	22	E	5	13700	Gas Well	Shut-in
SU 10W-5-8-22	4304734456	8	S	22	E	5	13540	Gas Well	Shut-in
WV 16W-8-8-22	4304734470	8	S	22	E	8	13508	Gas Well	Shut-in
OU GB 16WX-30-8-22	4304734506	8	S	22	E	30	13431	Gas Well	Shut-in
OU GB 1W-19-8-22	4304734512	8	S	22	E	19	13469	Gas Well	Shut-in
OU GB 2W-19-8-22	4304734513	8	S	22	E	19	13461	Gas Well	Shut-in
OU GB 7W-30-8-22	4304734531	8	S	22	E	30	13494	Gas Well	Shut-in
OU GB 10W-19-8-22	4304734535	8	S	22	E	19	13479	Gas Well	Shut-in
OU GB 14W-19-8-22	4304734537	8	S	22	E	19	13484	Gas Well	Shut-in
OU GB 12W-17-8-22	4304734542	8	S	22	E	17	13543	Gas Well	Shut-in
OU GB 13W-17-8-22	4304734544	8	S	22	E	17	13547	Gas Well	Shut-in
OU GB 5W-29-8-22	4304734549	8	S	22	E	29	13505	Gas Well	Shut-in
OU GB 14W-29-8-22	4304734554	8	S	22	E	29	13528	Gas Well	Shut-in
OU GB 2W-17-8-22	4304734559	8	S	22	E	17	13539	Gas Well	Shut-in
OU GB 7W-17-8-22	4304734560	8	S	22	E	17	13599	Gas Well	Shut-in
OU GB 16W-18-8-22	4304734563	8	S	22	E	18	13559	Gas Well	Shut-in
OU GB 2W-20-8-22	4304734599	8	S	22	E	20	13664	Gas Well	Shut-in
OU GB 15W-17-8-22	4304734601	8	S	22	E	17	13632	Gas Well	Shut-in
OU GB 12W-16-8-22	4304734617	8	S	22	E	16	13697	Gas Well	Shut-in
OU GB 13W-16-8-22	4304734618	8	S	22	E	16	13611	Gas Well	Shut-in
OU GB 15W-16-8-22	4304734622	8	S	22	E	16	13595	Gas Well	Shut-in
OU GB 14W-9-8-22	4304734649	8	S	22	E	9	13545	Gas Well	Shut-in
OU GB 10W-9-8-22	4304734651	8	S	22	E	9	13545	Gas Well	Shut-in
OU GB 16SG-30-8-22	4304734688	8	S	22	E	30	13593	Gas Well	Shut-in
OU SG 4W-15-8-22	4304734713	8	S	22	E	15	13775	Oil Well	Shut-in

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

OU GB 12W-15-8-22	4304734714	8	S	22	E	15	13838		Gas Well	Shut-in
OU SG 9W-15-8-22	4304734718	8	S	22	E	15	13773		Gas Well	Shut-in
OU SG 10M-15-8-22	4304734719	8	S	22	E	15	13722		Gas Well	Shut-in
OU SG 2MU-15-8-22	4304734721	8	S	22	E	15	13887		Gas Well	Shut-in
WRU GB 5M-9-8-22	4304734753	8	S	22	E	9	13545	14447	Gas Well	Shut-in
OU GB 13W-10-8-22	4304734754	8	S	22	E	10	13774		Gas Well	Shut-in
OU GB 12W-4-8-22	4304734762	8	S	22	E	4	13718		Gas Well	Shut-in
OU SG 9W-10-8-22	4304734783	8	S	22	E	10	13725		Gas Well	Shut-in
OU SG 16W-10-8-22	4304734784	8	S	22	E	10	13781		Gas Well	Shut-in
WRU EIH 11MU-26-8-22	4304734836	8	S	22	E	26	12528	13713	Gas Well	Shut-in
WRU EIH 2M-35-8-22	4304735052	8	S	22	E	35	13931		Gas Well	Shut-in
OU SG 9MU-11-8-22	4304735091	8	S	22	E	11	13967		Gas Well	Shut-in
RW 34-22C	4304735098	7	S	24	E	22	5670		Gas Well	Shut-in
WRU EIH 8MU-26-8-22	4304735193	8	S	22	E	26	12528	14234	Gas Well	Shut-in
NBE 4ML-26-9-23	4304735335	9	S	23	E	26	14215		Gas Well	Shut-in
WRU EIH 4MU-25-8-22	4304735388	8	S	22	E	25	12528	14339	Gas Well	Shut-in
WRU EIH 3MU-25-8-22	4304735389	8	S	22	E	25	12528	14341	Gas Well	Shut-in
WRU EIH 12ML-24-8-22	4304735425	8	S	22	E	24	12528	14536	Gas Well	Shut-in
WRU EIH 14ML-24-8-22	4304735426	8	S	22	E	24	12528	14646	Gas Well	Shut-in
EIHX 9MU-25-8-22	4304735433	8	S	22	E	25	14558		Gas Well	Shut-in
WRU EIH 12MU-25-8-22	4304735601	8	S	22	E	25	12528	14214	Gas Well	Shut-in
NBE 10ML-10-9-23	4304735650	9	S	23	E	10	14377		Gas Well	Shut-in
NBE 6ML-26-9-23	4304735664	9	S	23	E	26	14378		Gas Well	Shut-in
NBE 11ML-26-9-23	4304735665	9	S	23	E	26	14340		Gas Well	Shut-in
CWD 4ML-32-8-24	4304735684	8	S	24	E	32	17644		Gas Well	Shut-in
WRU EIH 11ML-24-8-22	4304735805	8	S	22	E	24	12528	14540	Gas Well	Shut-in
RB DS FED 14G-8-10-18	4304735933	10	S	18	E	8	14457		Oil Well	Shut-in
WV 13MU-10-8-21	4304736305	8	S	21	E	10	17123		Gas Well	Shut-in
NBE 1ML-26-9-23	4304736589	9	S	23	E	26	15880		Gas Well	Shut-in
NBE 12ML-26-9-23	4304736621	9	S	23	E	26	15840		Gas Well	Shut-in
NBZ 8ML-30-8-24	4304737231	8	S	24	E	30	17644		Gas Well	Shut-in
NBZ 13ML-29-8-24	4304737237	8	S	24	E	29	17644		Gas Well	Shut-in
WRU EIH 6B-ML-35-8-22	4304737299	8	S	22	E	35	12528	15281	Gas Well	Shut-in
RWS 12ML-5-9-24	4304737309	9	S	24	E	5	17644		Gas Well	Shut-in
RWS 14D-5-9-24	4304737310	9	S	24	E	5	17644		Gas Well	Shut-in
RWS 6D-5-9-24	4304737350	9	S	24	E	5	17644		Gas Well	Shut-in
RWS 4ML-5-9-24	4304737351	9	S	24	E	5	17644		Gas Well	Shut-in
RWS 14D-6-9-24	4304737414	9	S	24	E	6	17644		Gas Well	Shut-in
WV 13DML-10-8-21	4304737926	8	S	21	E	10	17123		Gas Well	Shut-in
SSU 2G-9-8-21	4304737990	8	S	21	E	9	13241		Oil Well	Shut-in
SSU 16G-4-8-21	4304738415	8	S	21	E	4	13241		Oil Well	Shut-in
SSU 14G-4-8-21	4304738436	8	S	21	E	4	13241		Oil Well	Shut-in

From: QEP Energy Company
 To: Middle Fork Energy Uinta, LLC
 Effective: 4/1/2018

NBE 10CD-17-9-23	4304739349	9	S	23	E	17	16616	Gas Well	Shut-in
RW 41-35AGR	4304751759	7	S	22	E	35	19103	Oil Well	Shut-in
RW 15B1-23B	4304752315	7	S	23	E	23	18478	Gas Well	Shut-in
DS 14G-7-10-18	4304752436	10	S	18	E	7	14457	Oil Well	Shut-in
RW 22-17BGR	4304753300	7	S	23	E	17	5670	Oil Well	Shut-in
RW 13-17BGR	4304753310	7	S	23	E	17	5670	Oil Well	Shut-in
RW 22-18BGR	4304753445	7	S	23	E	18	5670	Oil Well	Shut-in
RW 32-35B	4304730342	7	S	23	E	35	5670	Oil Well	Temporarily-abandoned
SU PURDY 14M-30-7-22	4304734384	7	S	22	E	30	13750	Gas Well	Temporarily-abandoned
RW 33-23AGR	4304753303	7	S	22	E	23	5670	Oil Well	Temporarily-abandoned
RW 34-14AGR	4304753439	7	S	22	E	14	5670	Oil Well	Temporarily-abandoned
RW 31-24AGR	4304753442	7	S	22	E	24	5670	Oil Well	Temporarily-abandoned

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <u>X</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attachment A
2. NAME OF OPERATOR: Middle Fork Energy Uinta, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
3. ADDRESS OF OPERATOR: 1515 Wynkoop St, Ste 650 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: See Attachment A
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attachment A		8. WELL NAME and NUMBER: See Attachment A
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: See Attachment A		9. API NUMBER: See Attachment A
		10. FIELD AND POOL, OR WILDCAT: See Attachment A
		COUNTY: Uintah & Dushesne
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

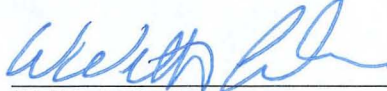
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>4-1-18</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Transfer of Operator</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	


12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP Energy Company respectfully requests that the operator be transferred to Middle Fork Energy Uinta, LLC for all wells referenced on Attachment A - Lease Based. These wells have conductor set only.

Middle Fork Energy Uinta, LLC will operate the wells under Federal Bond No. LPM9291322 or State Bond LPM9291321 and will comply with all the Conditions of Approval within the originally approved Applications for Permit to Drill.


Michael K. Watanabe
Vice President, Land


W. Worth Carlin
Vice President - Land

NAME (PLEASE PRINT) W. Worth Carlin TITLE Vice President - Land
SIGNATURE  DATE 10-8-2018

(This space for State use only)

APPROVED
OCT 31 2018
DIV. OIL GAS & MINING
BY: Rachel Medina

(See Instructions on Reverse Side)

RECEIVED
OCT 15 2018
DIV. OF OIL, GAS & MINING

(Lower
520-7
Page #

Attachment A - EPA Minor Permit Modification

September 6, 2018

AP

	API	Name	UIC Permit #	Sec	Qtr	Qtr	T	R
1	4304733244	DS FEDERAL 7-19-10-18	#N/A	19	SW	NE	10S	18E
2	4304733245	FEDERAL 5-20-10-18	UT20962-06344	20	SW	NW	10S	18E
3	4304732583	GB 12-16-8-22(WIW)	UT20765-04248	16	NW	SW	8S	22E
4	4304732756	GB 15-19-8-22(WIW)	UT20806-04338	19	SW	SE	8S	22E
5	4304731356	GB 22-20(WIW)	UT20755-04235	20	SE	NW	8S	22E
6	4304732549	GB 6-16-8-22 (WIW)	UT20878-04539	16	SE	NW	8S	22E
7	4304732582	GB 7-16-8-22(WIW)	UT20803-04335	16	SW	NE	8S	22E
8	4304732306	GH 10	UT20632-03721	21	NW	SE	8S	21E
9	4304732458	GH 12	UT20727-03794	19	NE	SE	8S	21E
10	4304731006	GH 1-20	UT20726-03792	20	NE	SW	8S	21E
11	4304732648	GH 15 (WIW)	UT20804-04336	20	SW	SW	8S	21E
12	4304732649	GH 17 (WIW)	UT20805-04337	20	SW	SE	8S	21E
13	4304731066	GH 2-20	UT20634-03722	20	NE	SE	8S	21E
14	4304720002	GH 3	UT20759-04241	20	NE	NE	8S	21E
15	4304731604	GH 3-21	UT20540-02714	21	SW	NW	8S	21E
16	4304731932	GH 8	UT20541-02715	20	SW	NE	8S	21E
17	4304737992	GH 8G-17-8-21	UT22222-09434	17	SE	NE	8S	21E
18	4304738875	NBE 12SWD-10-9-23	UT21078-07216	10	NW	SW	9S	23E
19	4304734135	PENDRAGON FED 9-17-10-18	UT20965-06347	17	NE	SE	10S	18E
20	4304733553	RW 11-20B	UT20894-04603	20	NW	NW	7S	23E
21	4304733590	RW 11-29B	UT20915-04629	29	NW	NW	7S	23E
22	4304733785	RW 11-30B	UT20929-04658	30	NW	NW	7S	23E
23	4304754035	RW 11-33B SWD	UT22271-10085	33	NW	NW	7S	23E
24	4304731052	RW 11-36B	UT20000-02453	36	NW	NW	7S	23E
25	4304733591	RW 12-24A	UT20921-04642	24	SW	NW	7S	22E
26	4304716477	RW 12-24B LONG STRING	UT20000-02421	24	SW	NW	7S	23E
27	4304733497	RW 13-19B	UT20897-04606	19	NW	SW	7S	23E
28	4304733498	RW 13-20B	UT20896-04605	20	NW	SW	7S	23E
29	4304715261	RW 13-22B LONG STRING	UT20000-02407	22	NW	SW	7S	23E
30	4304715144	RW 14-13B	UT20000-02396	13	SW	SW	7S	23E
31	4304716497	RW 14-21B	UT20000-02440	21	SW	SW	7S	23E
32	4304716472	RW 14-24B	UT20000-02416	24	SW	SW	7S	23E
33	4304715281	RW 21-20B	UT20000-02411	20	NE	NW	7S	23E
34	4304715151	RW 21-23B LONG STRING	UT20000-02397	23	SE	NW	7S	23E
35	4304730103	RW 21-27A	UT20000-02446	27	NE	NW	7S	22E
36	4304715161	RW 23-14B	UT20000-02398	14	NE	SW	7S	23E
37	4304715267	RW 23-15B	UT20000-02409	15	NE	SW	7S	23E
38	4304732739	RW 23-17B	UT20835-04402	17	NE	SW	7S	23E
39	4304715210	RW 23-18B	UT20000-02404	18	NE	SW	7S	23E
40	4304733555	RW 31-19B	UT20911-04616	19	NW	NE	7S	23E
41	4304731077	RW 31-26B	UT20000-02455	26	NW	NE	7S	23E
42	4304730519	RW 31-35B LONG STRING	UT20000-02449	35	NW	NE	7S	23E
43	4304715289	RW 33-13B	UT20000-02412	13	NW	SE	7S	23E
44	4304733499	RW 33-19B	UT20903-04611	19	NW	SE	7S	23E
45	4304716479	RW 33-22B	UT20000-02423	22	NW	SE	7S	23E
46	4304733790	RW 33-30B	UT20928-04650	30	NW	SE	7S	23E

AP

AP

AP

AP

AP

AP

AP

AP

AP

AP

AP

AP

AP

AP

AP

AP

AP

47	4304733593	RW 34-13A	UT20922-04643	13	SW	SE	7S	22E	
48	4304730458	RW 34-22A	UT20812-04348	22	SW	SE	7S	22E	
49	4304715146	RW 41-20B	UT20810-04346	20	NE	NE	7S	23E	
50	4304715221	RW 41-24A	UT20000-02406	24	SE	NE	7S	22E	AP
51	4304716473	RW 41-27B (GR)	UT20000-02417	27	NE	NE	7S	23E	AP
52	4304715182	RW 41-28B LONG STRING	UT20000-02400	28	NE	NE	7S	23E	AP
53	4304720060	RW 41-33B	UT20661-02444	33	NE	NE	7S	23E	
54	4304732980	RW 43-17B	UT20832-04399	17	NE	SE	7S	23E	
55	4304732982	RW 43-18B	UT20833-04400	18	NE	SE	7S	23E	
56	4304715219	RW 43-21A	UT20000-02463	21	NE	SE	7S	22E	AP
57	4304753680	RW 43-27AGR	UT22296-10402	27	NE	SE	7S	22E	
58	4304733987	SU 3W-5-8-22	UT20947-06158	5	NE	NW	8S	22E	
59	4304732462	WV 120	UT20770-04264	22	NE	NW	8S	21E	
60	4304730796	WV 126	UT20000-02509	21	NW	NE	8S	21E	AP
61	4304731707	WV 140	UT2567-03508	15	NW	NW	8S	21E	
62	4304731808	WV 143	UT20568-03509	10	NW	SE	8S	21E	
63	4304715447	WV 16	UT20000-02469	15	NE	NE	8S	21E	AP
64	4304715452	WV 21	UT20000-02471	16	NE	NE	8S	21E	AP
65	4304731524	WV 28-2	UT20000-02510	11	NE	SW	8S	21E	AP
66	4304715460	WV 31	UT20000-02394	14	NE	NW	8S	21E	AP
67	4304715463	WV 35	UT20813-04351	14	NE	SW	8S	21E	
68	4304715464	WV 36	UT20000-02479	10	NE	SW	8S	21E	AP
69	4304734596	WV 3G-8-8-22	UT20954-06195	8	NE	NW	8S	22E	
70	4304731798	WV 40-2	UT20000-02511	10	NE	SE	8S	21E	AP
71	4304715469	WV 41	UT20000-02483	15	NE	NW	8S	21E	AP
72	4304715477	WV 50	UT20563-03504	15	SW	NE	8S	21E	
73	4304720018	WV 59	UT20564-03505	14	SW	NW	8S	21E	
74	4304720019	WV 60	UT20565-03506	15	SW	SE	8S	21E	
75	4304720043	WV 67	UT20000-02497	15	NE	SW	8S	21E	AP
76	4304720047	WV 68	UT20000-02498	15	NE	SE	8S	21E	AP
77	4304732449	WV 71-2	UT20712-03777	15	SW	SW	8S	21E	
78	4304720058	WV 72	UT20000-02501	16	SW	SW	8S	21E	AP
79	4304720115	WV 78	UT20000-02504	16	NE	SW	8S	21E	AP
80	4304730014	WV 97	UT20814-04350	11	NW	SW	8S	21E	

p2 34
 p1 46
 Total 80

p1 16
 p1 16
 32

Attachment A to Sundry Notice
 QEP Energy to Middle Fork Energy Uinta, LLC
 State and Fee Minerals

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304734121	GB 6W-25-8-21	SENW	25	8S	21E	UINTAH	FEE	Kay E Anderson and Stephen L. Jensen
4304734122	GB 7W-25-8-21	SWNE	25	8S	21E	UINTAH	FEE	Kay E Anderson and Stephen L. Jensen
4304734392	OU GB 11W-30-8-22	NESW	30	8S	22E	UINTAH	FEE	Paul Schwartz
4304737944	GB 9ML-16-8-22 (W)	NESE	16	8S	22E	UINTAH	ML-22049	State Minerals
4304734617	OU GB 12W-16-8-22	NWSW	16	8S	22E	UINTAH	ML-22049	State Minerals
4304734618	OU GB 13W-16-8-22	SWSW	16	8S	22E	UINTAH	ML-22049	State Minerals
4304734619	OU GB 14MU-16-8-22 (W)	SESW	16	8S	22E	UINTAH	ML-22049	State Minerals
4304734622	OU GB 15W-16-8-22	SWSE	16	8S	22E	UINTAH	ML-22049	State Minerals
4304734657	OU GB 2W-16-8-22	NWNE	16	8S	22E	UINTAH	ML-22049	State Minerals
4304734598	OU GB 4W-16-8-22	NWNW	16	8S	22E	UINTAH	ML-22049	State Minerals
4304733752	OU GB 5W-16-8-22	SWNW	16	8S	22E	UINTAH	ML-22049	State Minerals
4304734658	OU GB 6W-16-8-22	SENW	16	8S	22E	UINTAH	ML-22049	State Minerals
4304733754	OU GB 11W-16-8-22	NESW	16	8S	22E	UINTAH	ML-22049	State Minerals
4304734656	OU GB 1MU-16-8-22 (W)	NENE	16	8S	22E	UINTAH	ML-22049	State Minerals
4304734659	OU GB 7W-16-8-22	SWNE	16	8S	22E	UINTAH	ML-22049	State Minerals
4304733751	OU GB 3W-16-8-22	NENW	16	8S	22E	UINTAH	ML-22049	State Minerals
4304734655	OU GB 16W-16-8-22	SESE	16	8S	22E	UINTAH	ML-22049	State Minerals
4304734660	OU GB 8W-16-8-22	SENE	16	8S	22E	UINTAH	ML-22049	State Minerals
4304734829	GB 15G-16-8-22	SWSE	16	8S	22E	UINTAH	ML-22049	State Minerals
4304738764	GB 45G-36-8-21	NWNW	36	8S	21E	UINTAH	ML-22051	State Minerals
4304733944	GB 1W-36-8-21	NENE	36	8S	21E	UINTAH	ML-22051	State Minerals
4304733252	GB 2-36-8-21	NWNE	36	8S	21E	UINTAH	ML-22051	State Minerals
4304734894	GB 3W-36-8-21	NENW	36	8S	21E	UINTAH	ML-22051	State Minerals
4304734926	GB 4MU-36-8-21 (W)	NWNW	36	8S	21E	UINTAH	ML-22051	State Minerals
4304735155	GB 55G-36-8-21	SWNW	36	8S	21E	UINTAH	ML-22051	State Minerals
4304734925	GB 5W-36-8-21	SWNW	36	8S	21E	UINTAH	ML-22051	State Minerals
4304733038	GB 6-36-8-21	SENW	36	8S	21E	UINTAH	ML-22051	State Minerals
4304734893	GB 7MU-36-8-21 (W)	SWNE	36	8S	21E	UINTAH	ML-22051	State Minerals
4304733037	GB 8A-36-8-21	SENE	36	8S	21E	UINTAH	ML-22051	State Minerals
4304732724	TOLL STATION ST 8-36-8-21	SENE	36	8S	21E	UINTAH	ML-22051	State Minerals
4304733570	GH 1W-32-8-21	NENE	32	8S	21E	UINTAH	ML-22052	State Minerals

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304733744	GH 2W-32-8-21	NWNE	32	8S	21E	UINTAH	ML-22052	State Minerals
4304733571	GH 3W-32-8-21	NENW	32	8S	21E	UINTAH	ML-22052	State Minerals
4304733745	GH 4W-32-8-21	NWNW	32	8S	21E	UINTAH	ML-22052	State Minerals
4304733753	GH 6W-32-8-21	SENE	32	8S	21E	UINTAH	ML-22052	State Minerals
4304733573	GH 7W-32-8-21	SWNE	32	8S	21E	UINTAH	ML-22052	State Minerals
4304733746	GH 8W-32-8-21	SENE	32	8S	21E	UINTAH	ML-22052	State Minerals
4304733866	GH 5G-32-8-21	SWNW	32	8S	21E	UINTAH	ML-22052	State Minerals
4304733572	GH 5W-32-8-21	SWNW	32	8S	21E	UINTAH	ML-22052	State Minerals
4304730609	KAYE STATE 1-16	NWNW	16	10S	23E	UINTAH	ML-22186	State Minerals
4304735311	SC 11ML-16-10-23 (ML)	NESW	16	10S	23E	UINTAH	ML-22186	State Minerals
4304736878	SC 12ML-16-10-23 (W)	NWSW	16	10S	23E	UINTAH	ML-22186	State Minerals
4304735281	SC 13M-16-10-23 (MU)	SWSW	16	10S	23E	UINTAH	ML-22186	State Minerals
4304736908	SC 14ML-16-10-23 (W)	SESW	16	10S	23E	UINTAH	ML-22186	State Minerals
4304735282	SC 3ML-16-10-23 (ML)	NENW	16	10S	23E	UINTAH	ML-22186	State Minerals
4304736912	SC 4ML-16-10-23 (W)	NWNW	16	10S	23E	UINTAH	ML-22186	State Minerals
4304736877	SC 5ML-16-10-23 (W)	SWNW	16	10S	23E	UINTAH	ML-22186	State Minerals
4304734292	WV 4W-16-8-21	NWNW	16	8S	21E	UINTAH	ML-2237	State Minerals
4304720066	WV 73	NESE	16	8S	21E	UINTAH	ML-2237	State Minerals
4304733564	WV 6G-16-8-21	SENE	16	8S	21E	UINTAH	ML-2237	State Minerals
4304734034	WV 2W-2-8-21	NWNE	2	8S	21E	UINTAH	ML-2785	State Minerals
4304733645	WV 16WRG-2-8-21	SESE	2	8S	21E	UINTAH	ML-2785	State Minerals
4304733646	WV 16G-2-8-21	SESE	2	8S	21E	UINTAH	ML-2785	State Minerals
4304715292	RW 41-16B (GR)	NENE	16	7S	23E	UINTAH	ML-3037	State Minerals
4304733084	RW 23-16B	SESW	16	7S	23E	UINTAH	ML-3037	State Minerals
4304737671	BZ 10D-16-8-24 (DK)	NWSE	16	8S	24E	UINTAH	ML-3044A	State Minerals
4304715128	STATE 1	NENE	36	7S	24E	UINTAH	ML-3053	State Minerals
4304733223	WV 9W-13-8-21	NESE	13	8S	21E	UINTAH	ML-3084A	State Minerals
4304751171	DS 9G-16-10-18	NESE	16	10S	18E	UINTAH	ML-45175 (Zone A)	State Minerals
4304733647	WV 9G-2-8-21	NESE	2	8S	21E	UINTAH	ML-45175 (Zone A)	State Minerals
4304735484	WH 13G-2-7-24	SWSW	2	7S	24E	UINTAH	ML-46525	State Minerals
4301333485	BIG WASH 61-16 GR	NENE	16	10S	16E	DUCHESNE	ML-47000	State Minerals
4304734067	WV 11W-36-7-21	NESW	36	7S	21E	UINTAH	ML-47040	State Minerals
4304734065	WV 7W-36-7-21	SWNE	36	7S	21E	UINTAH	ML-47040	State Minerals
4304734066	WV 9WRG-36-7-21	NESE	36	7S	21E	UINTAH	ML-47040	State Minerals
4304734099	WV 5W-36-7-21	SWNW	36	7S	21E	UINTAH	ML-47047	State Minerals
4301333483	GILSONITE 11-02 GR	NWNE	2	10S	15E	DUCHESNE	ML-47049	State Minerals
4301333168	BIG SPRING 3-36 GR	SWNE	36	10S	15E	DUCHESNE	ML-47051	State Minerals

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304738055	HR 10MU-2-12-23 (MU)	NWSE	2	12S	23E	UINTAH	ML-50193	State Minerals
4304752400	EM 1G-36-9-17 (GR)	NENE	36	9S	17E	UINTAH	ML-51206	State Minerals
4304733730	RW 21-36A (AKA RWU 21W-3)	NENW	36	7S	22E	UINTAH	U-0561ST	State Minerals
4304737946	RW 12-32BG (GR)	SWNW	32	7S	23E	UINTAH	UTO-02025-ST	State Minerals
4304731354	WHITE RIVER 43-16	NENW	16	8S	22E	UINTAH	Unit # UTU 73974X	State Minerals in Glen Bench Sec Recovery Unit
4304732857	GB 11-16-8-22	NESW	16	8S	22E	UINTAH	Unit # UTU 73974X	State Minerals in Glen Bench Sec Recovery Unit
4304731399	GB 45-16-8-22	NENE	16	8S	22E	UINTAH	Unit # UTU 73974X	State Minerals in Glen Bench Sec Recovery Unit
4304732583	GB 12-16-8-22(WIW)	NWSW	16	8S	22E	UINTAH	Unit # UTU 73974X	State Minerals in Glen Bench Sec Recovery Unit
4304732549	GB 6-16-8-22 (WIW)	SENW	16	8S	22E	UINTAH	Unit # UTU 73974X	State Minerals in Glen Bench Sec Recovery Unit
4304732582	GB 7-16-8-22(WIW)	SWNE	16	8S	22E	UINTAH	Unit # UTU 73974X	State Minerals in Glen Bench Sec Recovery Unit
4301350370	WR 16G-32-10-17	SESE	32	10S	17E	DUCHESNE	Unit # UTU 87716A	State Minerals Nautilus PA "A" Green River
4304754358	RW H1-14-16B	SWSW	16	7S	23E	UINTAH	Unit # UTU 63010D	State Minerals in Red Wash Unit PA "D" Gas
4304715177	RW 12-16B (GR)	SWNW	16	7S	23E	UINTAH	Unit # UTU 63010O	State Minerals in Red Wash Unit PA "O" Oil
4304732785	RW 14-16B (GR)	SWSW	16	7S	23E	UINTAH	Unit # UTU 63010O	State Minerals in Red Wash Unit PA "O" Oil
4304737746	RW 24-16BG (GR)	SESW	16	7S	23E	UINTAH	Unit # UTU 63010O	State Minerals in Red Wash Unit PA "O" Oil
4304732786	RW 34-16B (GR)	SWSE	16	7S	23E	UINTAH	Unit # UTU 63010O	State Minerals in Red Wash Unit PA "O" Oil
4304735238	RWU 32G-16C (GR)	SWNE	16	7S	24E	UINTAH	Unit # UTU 63010O	State Minerals in Red Wash Unit PA "O" Oil
4304736887	RW 01-36BG (GR)	NWNW	36	7S	23E	UINTAH	Unit # UTU 63010O	State Minerals in Red Wash Unit PA "O" Oil
4304733807	STATE 1-16-10-18	NENE	16	10S	18E	UINTAH	Unit # UTU 81306X	State Minerals in Uteland Butte Secondary Recovery Unit
4304734766	DS NORTH STATE 3-16-10-18	NENW	16	10S	18E	UINTAH	Unit # UTU 81306X	State Minerals in Uteland Butte Secondary Recovery Unit
4304734767	DS NORTH STATE 11-16-10-18	NESW	16	10S	18E	UINTAH	Unit # UTU 81306X	State Minerals in Uteland Butte Secondary Recovery Unit
4304734326	WV 10W-16-8-21	NWSE	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304734190	WV 11W-16-8-21	NESW	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304737824	WV 12BML-16-8-21 (W)	SWNW	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304733649	WV 12W-16-8-21	NWSW	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304734191	WV 13W-16-8-21	SWSW	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304734192	WV 14W-16-8-21	SESW	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304737871	WV 15CML-16-8-21 (ML)	SESW	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304734224	WV 15W-16-8-21	SWSE	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304733796	WV 16W-13-8-21	SESE	13	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304734225	WV 16W-16-8-21	SESE	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304734288	WV 1MU-16-8-21 (W)	NENE	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304733246	WV 2W-16-8-21	NWNE	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304734321	WV 5W-16-8-21	SWNW	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304733527	WV 6W-16-8-21	SENE	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304734322	WV 7W-16-8-21	SWNE	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304734323	WV 8ML-16-8-21 (W)	SENE	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304734325	WV 9W-16-8-21	NESE	16	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304733648	WV 9W-2-8-21	NESE	2	8S	21E	UINTAH	Unit # UTU 63043E	State Minerals in Wonsits Valley PA "E" Gas
4304720085	WONSITS VALLEY 75	SWNE	16	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River
4304734035	WV 10G-2-8-21	NWSE	2	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River
4304731611	WV 127	SENE	16	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River
4304731118	WV 134	SESE	16	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River
4304734068	WV 13G-2-8-21	SWSW	2	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River
4304731609	WV 141	NWSE	16	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River
4304734036	WV 14G-2-8-21	SESW	2	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River
4304733247	WV 2G-16-8-21	NWNE	16	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River
4304716513	WV 32	NENW	16	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River
4304734107	WV 5G-16-8-21	SWNW	16	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River
4304720078	WV 74	SWSE	16	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River
4304733650	WV 12G-16-8-21	NWSW	16	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River
4304731612	WV 142	SESW	16	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River
4304720058	WV 72	SWSW	16	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River
4304720115	WV 78	NESW	16	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River
4304715452	WV 21	NENE	16	8S	21E	UINTAH	Unit # UTU 63043O	State Minerals Wonsits Valley PA "O" Green River

Attachment A to Sundry Notice
 QEP Energy to Middle Fork Energy Uinta, LLC
 State and Fee Minerals

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304737347	CWD 10D-32-8-24 (M)	NWSE	32	8S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737277	CWD 14D-32-8-24 (DK)	SESW	32	8S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737278	CWD 16D-32-8-24 (M)	SESE	32	8S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737238	NBZ 8D-31-8-24 (M)	SENE	31	8S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304735653	RWS 10ML-6-9-24 (ML)	NWSE	6	9S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737312	RWS 12ML-6-9-24 (ML)	NWSW	6	9S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737335	RWS 16ML-6-9-24 (ML)	SESE	6	9S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737306	RWS 2ML-5-9-24 (W)	NWNE	5	9S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737412	RWS 4ML-6-9-24 (W)	NWNW	6	9S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737413	RWS 6D-6-9-24 (W)	SENE	6	9S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737352	RWS 8D-6-9-24 (D)	SENE	6	9S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737237	NBZ 13ML-29-8-24 (W)	SWSW	29	8S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737231	NBZ 8ML-30-8-24 (W)	SENE	30	8S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737309	RWS 12ML-5-9-24 (ML)	NWSW	5	9S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737310	RWS 14D-5-9-24 (W)	SESW	5	9S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737414	RWS 14D-6-9-24 (DK)	SESW	6	9S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737351	RWS 4ML-5-9-24 (W)	NWNW	5	9S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304737350	RWS 6D-5-9-24 (DK)	SENE	5	9S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304735684	CWD 4ML-32-8-24 (MU)	NWNW	32	8S	24E	UINTAH	Unit # UTU 81308C	Big Valley Consolidated PA "A"
4304715182	RW 41-28B	NENE	28	7S	23E	UINTAH	U-02030	Federal Lease
4304731077	RW 31-26B	NWNE	26	7S	23E	UINTAH	U-0566	Federal Lease
4304716477	RW 12-24B	SWNW	24	7S	23E	UINTAH	U-082	Federal Lease
4304715151	RW 21-23B	SENE	23	7S	23E	UINTAH	U-082	Federal Lease
4304715936	RWE UTAH FED D-1	SWSW	14	7S	24E	UINTAH	UTSL065819	Federal Lease
4304715937	RWE UTAH FED D-2	NESW	25	7S	24E	UINTAH	UTSL065819	Federal Lease
4304730570	RWE UTAH FED D-3	NWNW	25	7S	24E	UINTAH	UTSL065819	Federal Lease
4304731215	RWE UTAH FED D-4	SWSE	14	7S	24E	UINTAH	UTSL065819	Federal Lease
4304733765	RW 22-13A	SENE	13	7S	22E	UINTAH	UTSL066446	Federal Lease
4304715308	RW 32-22C	SWNE	22	7S	24E	UINTAH	UTSL066791	Federal Lease
4304732677	PRINCE 4	SWSW	3	7S	24E	UINTAH	UTSL-070932A	Federal Lease
4304716199	PRINCE 1	SWSW	10	7S	24E	UINTAH	UTSL-070932A	Federal Lease
4304735241	WH 7G-10-7-24	SWNE	10	7S	24E	UINTAH	UTSL-070932A	Federal Lease
4304735242	WH 15G-10-7-24	SWSE	10	7S	24E	UINTAH	UTSL-070932A	Federal Lease

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304732595	RWU 312	SWNE	34	7S	24E	UINTAH	UTSL071963	Federal Lease
4304720136	RW 14-27C	SWSW	27	7S	24E	UINTAH	UTSL071965	Federal Lease
4304734343	WV 12W-23-8-21	NWSW	23	8S	21E	UINTAH	UTU -025963	Federal Lease
4304739663	WV 13D-23-8-21 (DK)	SWSW	23	8S	21E	UINTAH	UTU -025963	Federal Lease
4304739664	WV 15D-23-8-21 (DK)	SWSE	23	8S	21E	UINTAH	UTU -025963	Federal Lease
4304733909	WV 9W-23-8-21	NESE	23	8S	21E	UINTAH	UTU -025963	Federal Lease
4304720163	STAGECOACH UN-ST-FED 10-23	NESW	23	8S	21E	UINTAH	UTU -025963	Federal Lease
4304720203	STAGECOACH 12-23	NESE	23	8S	21E	UINTAH	UTU -025963	Federal Lease
4304734341	WVX 10W-23-8-21	NWSE	23	8S	21E	UINTAH	UTU -025963	Federal Lease
4304734754	OU GB 13W-10-8-22	SWSW	10	8S	22E	UINTAH	UTU- 43915	Federal Lease
4304734769	OU GB 12M-10-8-22 (M)	NWSW	10	8S	22E	UINTAH	UTU- 43915	Federal Lease
4304734625	OU GB 10W-17-8-22	NWSE	17	8S	22E	UINTAH	UTU- 65276	Federal Lease
4304734553	OU GB 11W-17-8-22	NESW	17	8S	22E	UINTAH	UTU- 65276	Federal Lease
4304734542	OU GB 12W-17-8-22	NWSW	17	8S	22E	UINTAH	UTU- 65276	Federal Lease
4304734544	OU GB 13W-17-8-22	SWSW	17	8S	22E	UINTAH	UTU- 65276	Federal Lease
4304734550	OU GB 14W-17-8-22	SESW	17	8S	22E	UINTAH	UTU- 65276	Federal Lease
4304734601	OU GB 15W-17-8-22	SWSE	17	8S	22E	UINTAH	UTU- 65276	Federal Lease
4304734602	OU GB 16W-17-8-22	SESE	17	8S	22E	UINTAH	UTU- 65276	Federal Lease
4304734623	OU GB 1W-17-8-22	NENE	17	8S	22E	UINTAH	UTU- 65276	Federal Lease
4304734560	OU GB 7W-17-8-22	SWNE	17	8S	22E	UINTAH	UTU- 65276	Federal Lease
4304734624	OU GB 9W-17-8-22	NESE	17	8S	22E	UINTAH	UTU- 65276	Federal Lease
4304734559	OU GB 2W-17-8-22	NWNE	17	8S	22E	UINTAH	UTU- 65276	Federal Lease
4304733513	OU GB 3W-17-8-22	NENW	17	8S	22E	UINTAH	UTU- 65276	Federal Lease
4304733514	OU GB 5W-17-8-22	SWNW	17	8S	22E	UINTAH	UTU- 65276	Federal Lease
4304734902	WVX 11D-22-8-21 (M)	NESW	22	8S	21E	UINTAH	UTU 68218	Federal Lease
4304735391	GH 10ML-18-8-21 (W)	NWSE	18	8S	21E	UINTAH	UTU 68219	Federal Lease
4304735323	GH 15ML-18-8-21 (W)	SWSE	18	8S	21E	UINTAH	UTU 68219	Federal Lease
4304734562	GHX 15W-17-8-21	SWSE	17	8S	21E	UINTAH	UTU 68219	Federal Lease
4304733912	WV 11W-17-8-21	NESW	17	8S	21E	UINTAH	UTU 68219	Federal Lease
4304733956	WV 7W-17-8-21	SWNE	17	8S	21E	UINTAH	UTU 68219	Federal Lease
4304735370	WVX 12MU-17-8-21 (W)	NWSW	17	8S	21E	UINTAH	UTU 68219	Federal Lease
4304735369	WVX 14MU-17-8-21 (MU)	SESW	17	8S	21E	UINTAH	UTU 68219	Federal Lease
4304734928	WVX 2W-17-8-21	NWNE	17	8S	21E	UINTAH	UTU 68219	Federal Lease
4304735318	WVX 3MU-17-8-21 (W)	NENW	17	8S	21E	UINTAH	UTU 68219	Federal Lease
4304734929	WVX 8W-17-8-21	SENE	17	8S	21E	UINTAH	UTU 68219	Federal Lease
4304734691	GB 11ML-10-8-22 (W)	NESW	10	8S	22E	UINTAH	UTU- 74494	Federal Lease
4304734768	OU GB 14W-10-8-22 (W)	SESW	10	8S	22E	UINTAH	UTU- 74494	Federal Lease

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304734716	OU GB 6W-15-8-22	SENW	15	8S	22E	UINTAH	UTU- 74494	Federal Lease
4304734402	WV 15W-6-8-22	SWSE	6	8S	22E	UINTAH	UTU0103144	Federal Lease
4304738642	WRU EIH 14BD-35-8-22	SESW	35	8S	22E	UINTAH	UTU01089	Federal Lease
4304738641	WRU EIH 7AD-35-8-22 (DK)	SWNE	35	8S	22E	UINTAH	UTU-01089	Federal Lease
4301530154	FERRON MRC 12 ORRI	SWNE	3	21S	7E	UINTAH	UTU011246	Federal Lease
4304715258	RW 21-18B	NENW	18	7S	23E	UINTAH	UTU0116	Federal Lease
4304735325	GH 16W-19-8-21	SESE	19	8S	21E	UINTAH	UTU0140740	Federal Lease
4304730099	GH 6 (WIW)	NENW	20	8S	21E	UINTAH	UTU0140740	Federal Lease
4304734151	GH 10W-20-8-21	NWSE	20	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304734334	GH 11W-20-8-21	NESW	20	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304735069	GH 12MU-20-8-21 (W)	NWSW	20	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304733915	GH 14W-20-8-21	SESW	20	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304734335	GH 15W-20-8-21	SWSE	20	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304734336	GH 16W-20-8-21	SESE	20	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304734327	GH 1W-20-8-21	NENE	20	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304734328	GH 2W-20-8-21	NWNE	20	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304734329	GH 3W-20-8-21	NENW	20	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304734332	GH 7W-20-8-21	SWNE	20	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304734333	GH 9W-20-8-21	NESE	20	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304733528	GH 10W-19-8-21	NWSE	19	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304735070	GH 13MU-20-8-21 (W)	SWSW	20	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304735068	GH 4MU-20-8-21 (W)	NWNW	20	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304735097	GH 5W-20-8-21	SWNW	20	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304738662	GH 6-20-8-21 (W)	SENW	20	8S	21E	UINTAH	UTU-0140740	Federal Lease
4304715175	RW 12-29B (GR)	SWNW	29	7S	23E	UINTAH	UTU02025	Federal Lease
4304716490	RW 43-29B	NESE	29	7S	23E	UINTAH	UTU02025	Federal Lease
4304733766	RW 22-29B	SENW	29	7S	23E	UINTAH	UTU02025	Federal Lease
4304733771	RW 42-30B (GR)	SENE	30	7S	23E	UINTAH	UTU02025	Federal Lease
4304733788	RW 31-30B	NWNE	30	7S	23E	UINTAH	UTU02025	Federal Lease
4304715172	RW 23-30B	NESW	30	7S	23E	UINTAH	UTU02030	Federal Lease
4304715242	RW 34-19B	SWSE	19	7S	23E	UINTAH	UTU02030	Federal Lease
4304715252	RW 43-19B (MV)	NESE	19	7S	23E	UINTAH	UTU02030	Federal Lease
4304715280	RW 21-30B	NENW	30	7S	23E	UINTAH	UTU02030	Federal Lease
4304715174	RW 32-19B	SWNE	19	7S	23E	UINTAH	UTU02030	Federal Lease
4304715244	RW 12-19B	SWNW	19	7S	23E	UINTAH	UTU02030	Federal Lease
4304715271	RW 14-20B	SWSW	20	7S	23E	UINTAH	UTU02030	Federal Lease
4304715291	RW 23-20B (MV)	NESW	20	7S	23E	UINTAH	UTU02030	Federal Lease

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304733500	RW 33-20B	NWSE	20	7S	23E	UINTAH	UTU02030	Federal Lease
4304733552	RW 11-19B	NWNW	19	7S	23E	UINTAH	UTU02030	Federal Lease
4304733556	RW 42-19B (GR)	SENE	19	7S	23E	UINTAH	UTU02030	Federal Lease
4304715216	RW 23-18C	NESW	18	7S	24E	UINTAH	UTU02148	Federal Lease
4304715298	RW 23-17C	NESW	17	7S	24E	UINTAH	UTU02148	Federal Lease
4304730309	RW 14-18C (GR)	SWSW	18	7S	24E	UINTAH	UTU02148	Federal Lease
4304715147	RW 41-19C	NENE	19	7S	24E	UINTAH	UTU02149	Federal Lease
4304735239	RWU 12G-20C	SWNW	20	7S	24E	UINTAH	UTU02149	Federal Lease
4304733493	WV 3W-8-8-22	NENW	8	8S	22E	UINTAH	UTU022158	Federal Lease
4304734469	WV 8W-7-8-22	SENE	7	8S	22E	UINTAH	UTU022158	Federal Lease
4304737945	WV 13AD 8-8-22	SWSW	8	8S	22E	UINTAH	UTU022158	Federal Lease
4304730017	WONSITS VALLEY-FED 99	SESW	7	8S	22E	UINTAH	UTU022158	Federal Lease
4304733814	WV 10W-8-8-22	NWSE	8	8S	22E	UINTAH	UTU-022158	Federal Lease
4304734007	WV 14W-8-8-22	SESW	8	8S	22E	UINTAH	UTU-022158	Federal Lease
4304734470	WV 16W-8-8-22	SESE	8	8S	22E	UINTAH	UTU-022158	Federal Lease
4304734005	WV 8W-8-8-22	SENE	8	8S	22E	UINTAH	UTU-022158	Federal Lease
4304733515	WV 9W-8-8-22	NESE	8	8S	22E	UINTAH	UTU-022158	Federal Lease
4304733517	WV 15W-8-8-22	SWSE	8	8S	22E	UINTAH	UTU-022158	Federal Lease
4304738990	GB 1M-4-8-22R (M)	NENE	4	8S	22E	UINTAH	UTU-025010A	Federal Lease
4304740345	GB 3D-4-8-22R (DK)	Lot 6	4	8S	22E	UINTAH	UTU-025010A	Federal Lease
4304734762	OU GB 12W-4-8-22	NWSW	4	8S	22E	UINTAH	UTU-025010A	Federal Lease
4304734808	OU GB 5M-4-8-22	SWNW	4	8S	22E	UINTAH	UTU-025010A	Federal Lease
4304715090	WR 31-4-8-22(WSW)	SWSE	4	8S	22E	UINTAH	UTU02510A	Federal Lease
4304734006	WR 14W-4-8-22	SESW	4	8S	22E	UINTAH	UTU02510A	Federal Lease
4304735462	GB 1M-4-8-22 (M)	NENE	4	8S	22E	UINTAH	UTU02510A	Federal Lease
4304734152	GH 10W-21-8-21	NWSE	21	8S	21E	UINTAH	UTU-025960	Federal Lease
4304733847	GH 11W-21-8-21	NESW	21	8S	21E	UINTAH	UTU-025960	Federal Lease
4304734153	GH 12W-21-8-21	NWSW	21	8S	21E	UINTAH	UTU-025960	Federal Lease
4304734154	GH 14W-21-8-21	SESW	21	8S	21E	UINTAH	UTU-025960	Federal Lease
4304733848	GH 15W-21-8-21	SWSE	21	8S	21E	UINTAH	UTU-025960	Federal Lease
4304734157	GH 16W-21-8-21	SESE	21	8S	21E	UINTAH	UTU-025960	Federal Lease
4304732692	GH 21 WG	SWSW	21	8S	21E	UINTAH	UTU-025960	Federal Lease
4304733846	GH 9W-21-8-21	NESE	21	8S	21E	UINTAH	UTU-025960	Federal Lease
4304734156	GH 16W-17-8-21	SESE	17	8S	21E	UINTAH	UTU-025962	Federal Lease
4304715421	GYPSUM HILLS 1	NESE	17	8S	21E	UINTAH	UTU-025962	Federal Lease
4304735422	GB 8MU-10-8-22 (MU)	SENE	10	8S	22E	UINTAH	UTU-029649	Federal Lease
4304716478	RW 12-27A	SWNW	27	7S	22E	UINTAH	UTU0558	Federal Lease

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304715282	RW 34-28A (175)	SWSE	28	7S	22E	UINTAH	UTU0558	Federal Lease
4304715303	RW 21-34A (GR)	NENW	34	7S	22E	UINTAH	UTU0558	Federal Lease
4304730058	RW 43-28A	NESE	28	7S	22E	UINTAH	UTU0558	Federal Lease
4304735669	RWU 34-27AD (DK)	SWSE	27	7S	22E	UINTAH	UTU0558	Federal Lease
4304751759	RW 41-35AGR	NENE	35	7S	22E	UINTAH	UTU-0558	Federal Lease
4304715207	RW 34-21A (85)	SWSE	21	7S	22E	UINTAH	UTU0559	Federal Lease
4304715223	RW 14-22A	SWSW	22	7S	22E	UINTAH	UTU0559	Federal Lease
4304715301	RW 43-22A	NESE	22	7S	22E	UINTAH	UTU0559	Federal Lease
4304731581	RW 22-22A	SENW	22	7S	22E	UINTAH	UTU0559	Federal Lease
4304736770	RW 43-23AG	NESE	23	7S	22E	UINTAH	UTU0559	Federal Lease
4304733568	RW 34-24A	SWSE	24	7S	22E	UINTAH	UTU0561	Federal Lease
4304733569	RW 42-24A	SENE	24	7S	22E	UINTAH	UTU0561	Federal Lease
4304733574	RW 11-25A	NWNW	25	7S	22E	UINTAH	UTU0561	Federal Lease
4304733575	RW 13-25A	NWSW	25	7S	22E	UINTAH	UTU0561	Federal Lease
4304733577	RW 31-25A	NWNE	25	7S	22E	UINTAH	UTU0561	Federal Lease
4304733578	RW 33-25A	NWSE	25	7S	22E	UINTAH	UTU0561	Federal Lease
4304733580	RW 42-25A	SENE	25	7S	22E	UINTAH	UTU0561	Federal Lease
4304736769	RW 43-26AG	NESE	26	7S	22E	UINTAH	UTU0561	Federal Lease
4304715142	RW 34-27B	SWSE	27	7S	23E	UINTAH	UTU0566	Federal Lease
4304715194	RW 23-27B	NESW	27	7S	23E	UINTAH	UTU0566	Federal Lease
4304715197	RW 21-26B	NENW	26	7S	23E	UINTAH	UTU0566	Federal Lease
4304715256	RW 11-27B	NWNW	27	7S	23E	UINTAH	UTU0566	Federal Lease
4304730200	RW 31-27B	NWNE	27	7S	23E	UINTAH	UTU0566	Federal Lease
4304730257	RW 14-26B	SWSW	26	7S	23E	UINTAH	UTU0566	Federal Lease
4304730259	RW 43-26B	NESE	26	7S	23E	UINTAH	UTU0566	Federal Lease
4304730310	RW 21-35B	NENW	35	7S	23E	UINTAH	UTU0566	Federal Lease
4304730311	RW 12-26B (MV)	SWNW	26	7S	23E	UINTAH	UTU0566	Federal Lease
4304730343	RW 41-35B	NENE	35	7S	23E	UINTAH	UTU0566	Federal Lease
4304730344	RW 12-36B (GR)	SWNW	36	7S	23E	UINTAH	UTU0566	Federal Lease
4304730517	RW 22-26B	SENW	26	7S	23E	UINTAH	UTU0566	Federal Lease
4304730522	RW 13-26B	NWSW	26	7S	23E	UINTAH	UTU0566	Federal Lease
4304731076	RW 11-26B	NWNW	26	7S	23E	UINTAH	UTU0566	Federal Lease
4304731081	RW 42-35B (GR)	SENE	35	7S	23E	UINTAH	UTU0566	Federal Lease
4304731578	RW 12-35B (GR)	SWNW	35	7S	23E	UINTAH	UTU0566	Federal Lease
4304715277	RW 23-21B	NESW	21	7S	23E	UINTAH	UTU0567	Federal Lease
4304716482	RW 41-21B	NENE	21	7S	23E	UINTAH	UTU0567	Federal Lease
4304733522	RW 22-21B (GR)	SENW	21	7S	23E	UINTAH	UTU0567	Federal Lease

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304716496	RW 21-21B	NENW	21	7S	23E	UINTAH	UTU0569	Federal Lease
4304733993	WV 12W-18-8-22	NWSW	18	8S	22E	UINTAH	UTU057	Federal Lease
4304734648	OU GB 11W-15-8-22	NESW	15	8S	22E	UINTAH	UTU-058	Federal Lease
4304734714	OU GB 12W-15-8-22	NWSW	15	8S	22E	UINTAH	UTU-058	Federal Lease
4304735193	WRU EIH 8MU-26-8-22 (W)	SENE	26	8S	22E	UINTAH	UTU-0629	Federal Lease
4304715173	RW 41-21C	NENE	21	7S	24E	UINTAH	UTU080	Federal Lease
4304715299	RW 43-21C	NESE	21	7S	24E	UINTAH	UTU080	Federal Lease
4304715306	RW 23-21C	NESW	21	7S	24E	UINTAH	UTU080	Federal Lease
4304734047	WV 16W-1-8-21	SESE	1	8S	21E	UINTAH	UTU0802	Federal Lease
4304733794	WV 10W-1-8-21	NWSE	1	8S	21E	UINTAH	UTU0802	Federal Lease
4304734009	WV 8W-1-8-21	SENE	1	8S	21E	UINTAH	UTU0802	Federal Lease
4304734108	WV 12G-1-8-21	NWSW	1	8S	21E	UINTAH	UTU0802	Federal Lease
4304735248	GB 14M-28-8-21 (MU)	SESW	28	8S	21E	UINTAH	UTU-0803	Federal Lease
4304736260	GB 16D-28-8-21 (M)	SESE	28	8S	21E	UINTAH	UTU-0803	Federal Lease
4304735246	GB 4D-28-8-21 (M)	NWNW	28	8S	21E	UINTAH	UTU-0803	Federal Lease
4304735247	GB 7M-28-8-21 (M)	SWNE	28	8S	21E	UINTAH	UTU-0803	Federal Lease
4304730824	WONSITS VALLEY UNIT 1-35	NENE	21	8S	21E	UINTAH	UTU0804	Federal Lease
4304731047	WV 136	NENW	21	8S	21E	UINTAH	UTU0804	Federal Lease
4304732818	GH 22 WG	SWNW	22	8S	21E	UINTAH	UTU-0804	Federal Lease
4304733907	WV 7W-22-8-21	SWNE	22	8S	21E	UINTAH	UTU-0804	Federal Lease
4304734272	WV 6W-22-8-21 (GR)	SENW	22	8S	21E	UINTAH	UTU-0804	Federal Lease
4304733565	WV 16G-9-8-21	SESE	9	8S	21E	UINTAH	UTU0805	Federal Lease
4304733085	WV 11 WG	SWNE	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304733270	WV 7W-13-8-21 (GR)	SWNE	13	8S	21E	UINTAH	UTU0806	Federal Lease
4304733532	WV 1W-13-8-21	NENE	13	8S	21E	UINTAH	UTU0806	Federal Lease
4304733606	WV 13W-13-8-21	SWSW	13	8S	21E	UINTAH	UTU0806	Federal Lease
4304733608	WV 15W-13-8-21	SWSE	13	8S	21E	UINTAH	UTU0806	Federal Lease
4304733659	WV 12W-10-8-21	NWSW	10	8S	21E	UINTAH	UTU0806	Federal Lease
4304734245	WV 6W-12-8-21	SENW	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304734248	WV 12W-12-8-21	NWSW	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304734265	WV 2W-12-8-21	NWNE	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304734267	WV 3W-12-8-21	NENW	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304734268	WV 4D-12-8-21 (DK)	NWNW	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304734270	WV 5W-12-8-21	SWNW	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304734274	WV 9W-11-8-21	NESE	11	8S	21E	UINTAH	UTU0806	Federal Lease
4304737923	WV 3DML-13-8-21	SENW	13	8S	21E	UINTAH	UTU0806	Federal Lease
4304737925	WV 15AML-12-8-21	NWSE	12	8S	21E	UINTAH	UTU0806	Federal Lease

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304715439	WONSITS VALLEY UNIT 8	NENE	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304715440	WONSITS VALLEY 9	NESE	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304715441	WONSITS VALLEY UNIT 10	NESW	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304715442	WONSITS VALLEY UNIT 11	SWNE	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304715444	WONSITS VALLEY UNIT 13	NESE	11	8S	21E	UINTAH	UTU0806	Federal Lease
4304715446	WONSITS VALLEY UNIT 15	SWNW	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304715448	WONSITS VALLEY UNIT 17	SWSW	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304715456	WONSITS VALLEY-FED 27	NENW	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304715457	WONSITS VALLEY UNIT 28	NESW	11	8S	21E	UINTAH	UTU0806	Federal Lease
4304715458	WONSITS VALLEY UNIT 29	NENW	13	8S	21E	UINTAH	UTU0806	Federal Lease
4304715459	WONSITS VALLEY UNIT 30	NENE	11	8S	21E	UINTAH	UTU0806	Federal Lease
4304715462	WONSITS VALLEY UNIT 34	SWNW	11	8S	21E	UINTAH	UTU0806	Federal Lease
4304715467	WONSITS VALLEY FED 39	SWNE	11	8S	21E	UINTAH	UTU0806	Federal Lease
4304715470	WONSITS VALLEY-FED 42	SWSE	11	8S	21E	UINTAH	UTU0806	Federal Lease
4304715478	WONSITS VALLEY UNIT 51	NESW	13	8S	21E	UINTAH	UTU0806	Federal Lease
4304720001	WVFU 52	NENE	13	8S	21E	UINTAH	UTU0806	Federal Lease
4304720017	WONSITS VALLEY UNIT 58	SWSW	13	8S	21E	UINTAH	UTU0806	Federal Lease
4304720263	WONSITS VALLEY-FED 87	NWSE	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304730007	WONSITS VALLEY UNIT 92	SESW	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304730008	WONSITS VALLEY UNIT 93	SESE	11	8S	21E	UINTAH	UTU0806	Federal Lease
4304730009	WVFU 94	NWSE	11	8S	21E	UINTAH	UTU0806	Federal Lease
4304730010	WONSITS VALLEY UNIT 95	SENE	11	8S	21E	UINTAH	UTU0806	Federal Lease
4304730015	WONSITS VALLEY 98	SESW	11	8S	21E	UINTAH	UTU0806	Federal Lease
4304730026	WONSITS VALLEY-FED 108	SESE	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304730050	WONSITS VALLEY 114	SESW	13	8S	21E	UINTAH	UTU0806	Federal Lease
4304730144	WVFU 115	SESW	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304730195	STATE-FEDERAL 116	SESE	11	8S	21E	UINTAH	UTU0806	Federal Lease
4304730238	WONSITS VALLEY-STATE FEDERAL	NWNE	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304731048	WONSITS VALLEY 88-2	NWSW	12	8S	21E	UINTAH	UTU0806	Federal Lease
4304731809	WONSITS VALLEY UNIT 101-2	NWNW	13	8S	21E	UINTAH	UTU0806	Federal Lease
4304734155	WV 16W-11-8-21	SESE	11	8S	21E	UINTAH	UTU0806	Federal Lease
4304715451	WONSITS VALLEY UNIT 20	NENW	11	8S	21E	UINTAH	UTU-0806	Federal Lease
4304734296	WV 12W-15-8-21	NWSW	15	8S	21E	UINTAH	UTU0807	Federal Lease
4304733902	WV 1W-15-8-21	NENE	15	8S	21E	UINTAH	UTU0807	Federal Lease
4304733952	WV 3W-14-8-21	NENW	14	8S	21E	UINTAH	UTU0807	Federal Lease
4304734279	WV 12W-14-8-21	NWSW	14	8S	21E	UINTAH	UTU0807	Federal Lease
4304715449	WONSITS VALLEY UNIT 18	NESE	14	8S	21E	UINTAH	UTU0807	Federal Lease

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304715472	WONSITS VALLEY UNIT 44	NENE	14	8S	21E	UINTAH	UTU0807	Federal Lease
4304720042	WONSITS VALLEY UNIT 66	SWSE	14	8S	21E	UINTAH	UTU0807	Federal Lease
4304720051	WONSITS VALLEY UNIT 71	SWSW	15	8S	21E	UINTAH	UTU0807	Federal Lease
4304730020	WVFU 102	NWNE	14	8S	21E	UINTAH	UTU0807	Federal Lease
4304730047	WVFU 111	SENE	14	8S	21E	UINTAH	UTU0807	Federal Lease
4304732102	WONSITS VALLEY FED 201	SWNE	15	8S	21E	UINTAH	UTU0807	Federal Lease
4304732308	WONSITS VALLEY 202	NWSW	15	8S	21E	UINTAH	UTU0807	Federal Lease
4304720223	WONSITS VALLEY UNIT 84	SWNW	23	8S	21E	UINTAH	UTU0809	Federal Lease
4304731049	WONSITS VALLEY 84-2	SWNW	23	8S	21E	UINTAH	UTU0809	Federal Lease
4304715137	RW 41-22B	NENE	22	7S	23E	UINTAH	UTU081	Federal Lease
4304715143	RW 14-22B	SWSW	22	7S	23E	UINTAH	UTU081	Federal Lease
4304715160	RW 14-14B	SWSW	14	7S	23E	UINTAH	UTU081	Federal Lease
4304715168	RW 34-13B (GR)	SWSE	13	7S	23E	UINTAH	UTU081	Federal Lease
4304715190	RW 42-22B	SENE	22	7S	23E	UINTAH	UTU081	Federal Lease
4304715259	RW 24-13B	SESW	13	7S	23E	UINTAH	UTU081	Federal Lease
4304715263	RW 31-22B	NWNE	22	7S	23E	UINTAH	UTU081	Federal Lease
4304715285	RW 22-13B	SENW	13	7S	23E	UINTAH	UTU081	Federal Lease
4304716485	RW 41-13B	NENE	13	7S	23E	UINTAH	UTU081	Federal Lease
4304730202	RW 44-22B	SESE	22	7S	23E	UINTAH	UTU081	Federal Lease
4304731512	RW 44-13B	SESE	13	7S	23E	UINTAH	UTU081	Federal Lease
4304731577	RW 11-22B	NWNW	22	7S	23E	UINTAH	UTU081	Federal Lease
4304734337	WV 2W-24-8-21	NWNE	24	8S	21E	UINTAH	UTU0810	Federal Lease
4304720199	WONSITS VALLEY 81	SWNW	24	8S	21E	UINTAH	UTU0810	Federal Lease
4304715141	RW 12-23B	SWNW	23	7S	23E	UINTAH	UTU082	Federal Lease
4304715212	RW 11-23B	NWNW	23	7S	23E	UINTAH	UTU082	Federal Lease
4304715278	RW 23-24B	NESW	24	7S	23E	UINTAH	UTU082	Federal Lease
4304715295	RW 43-24B (GR)	NESE	24	7S	23E	UINTAH	UTU082	Federal Lease
4304716476	RW 23-23B	NESW	23	7S	23E	UINTAH	UTU082	Federal Lease
4304730192	RW 22-23B	SENW	23	7S	23E	UINTAH	UTU082	Federal Lease
4304730212	RW 13-23B	NWSW	23	7S	23E	UINTAH	UTU082	Federal Lease
4304730249	RW 24-23B	SESW	23	7S	23E	UINTAH	UTU082	Federal Lease
4304731515	RW 12-23BX	SWNW	23	7S	23E	UINTAH	UTU082	Federal Lease
4304731683	RW 22-24B	SENW	24	7S	23E	UINTAH	UTU082	Federal Lease
4304715164	RW 41-25B	NENE	25	7S	23E	UINTAH	UTU0823	Federal Lease
4304715249	RW 32-05F	SWNE	5	8S	24E	UINTAH	UTU0823	Federal Lease
4304730312	RW 12-25B	SWNW	25	7S	23E	UINTAH	UTU0823	Federal Lease
4304735656	RW 22G-09F	SENW	9	8S	24E	UINTAH	UTU0826	Federal Lease

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304732538	RW 41-4F	C-NE	4	8S	24E	UINTAH	UTU-0830	Federal Lease
4304730199	RW 13-27B (GR)	NWSW	27	7S	23E	UINTAH	UTU0933	Federal Lease
4304715083	WHITE RIVER UNIT 19-9	SWNE	9	8S	22E	UINTAH	UTU0971	Federal Lease
4304715087	WHITE RIVER UNIT 25-9	NENE	9	8S	22E	UINTAH	UTU0971	Federal Lease
4304734687	OU WIH 2M-21-8-22	NWNE	21	8S	22E	UINTAH	UTU28652	Federal Lease
4304734755	OU GB 6MU-21-8-22 (W)	SENW	21	8S	22E	UINTAH	UTU-28652	Federal Lease
4304734681	OU WIH 10W-21-8-22	NWSE	21	8S	22E	UINTAH	UTU-28652	Federal Lease
4304734646	OU WIH 13W-21-8-22	SWSW	21	8S	22E	UINTAH	UTU-28652	Federal Lease
4304734664	OU WIH 14W-21-8-22	SESW	21	8S	22E	UINTAH	UTU-28652	Federal Lease
4304734634	OU WIH 15MU-21-8-22	SWSE	21	8S	22E	UINTAH	UTU-28652	Federal Lease
4304734689	OU WIH 7W-21-8-22	SWNE	21	8S	22E	UINTAH	UTU-28652	Federal Lease
4304736060	WIH 1AMU-21-8-22 (W)	NENE	21	8S	22E	UINTAH	UTU-28652	Federal Lease
4304734685	OU GB 4G-21-8-22	NWNW	21	8S	22E	UINTAH	UTU-28652	Federal Lease
4304734690	OU GB 5W-21-8-22	SWNW	21	8S	22E	UINTAH	UTU-28652	Federal Lease
4304734686	OU GB 3W-21-8-22 (GB)	NENW	21	8S	22E	UINTAH	UTU-28652	Federal Lease
4304734693	OU WIH 1MU-21-8-22 (MU)	NENE	21	8S	22E	UINTAH	UTU-28652	Federal Lease
4304731805	BRENNAN FZ-BB1	NESE	20	7S	21E	UINTAH	UTU42050	Federal Lease
4304734835	WRU EIH 14W-26-8-22	SESW	26	8S	22E	UINTAH	UTU43916	Federal Lease
4304736446	EIHX 2MU-36-8-22 (W)	NWNE	36	8S	22E	UINTAH	UTU56960	Federal Lease
4304736447	EIHX 1MU-36-8-22 (W)	NENE	36	8S	22E	UINTAH	UTU-56960	Federal Lease
4304736445	EIHX 3MU-36-8-22 (W)	NENW	36	8S	22E	UINTAH	UTU-56960	Federal Lease
4304736444	EIHX 4MU-36-8-22 (W)	NWNW	36	8S	22E	UINTAH	UTU-56960	Federal Lease
4304731024	LANSDALE FEDERAL 1-11	SWSW	11	7S	24E	UINTAH	UTU60746	Federal Lease
4301331888	W RIVER BEND 3-12-10-15	NENW	12	10S	15E	DUCHESNE	UTU63150	Federal Lease
4304731556	GB 3-17	SESE	17	8S	22E	UINTAH	UTU65276	Federal Lease
4304731487	ANTELOPE DRAW 1-19-2C	SENE	19	8S	22E	UINTAH	UTU65404	Federal Lease
4304734512	OU GB 1W-19-8-22	NENE	19	8S	22E	UINTAH	UTU-65404	Federal Lease
4304734515	OU GB 7W-19-8-22	SWNE	19	8S	22E	UINTAH	UTU-65404	Federal Lease
4304734516	OU GB 8W-19-8-22	SENE	19	8S	22E	UINTAH	UTU-65404	Federal Lease
4304734513	OU GB 2W-19-8-22	NWNE	19	8S	22E	UINTAH	UTU-65404	Federal Lease
4304734534	OU GB 6W-19-8-22	SENW	19	8S	22E	UINTAH	UTU-65404	Federal Lease
4304735331	EIHX 11MU-25-8-22 (W)	NESW	25	8S	22E	UINTAH	UTU-65471	Federal Lease
4304735330	EIHX 14MU-25-8-22 (W)	SESW	25	8S	22E	UINTAH	UTU-65471	Federal Lease
4304735428	EIHX 1MU-25-8-22 (W)	NENE	25	8S	22E	UINTAH	UTU-65471	Federal Lease
4304735427	EIHX 2MU-25-8-22 (W)	NWNE	25	8S	22E	UINTAH	UTU-65471	Federal Lease
4304735429	EIHX 7MU-25-8-22 (W)	SWNE	25	8S	22E	UINTAH	UTU-65471	Federal Lease
4304735430	EIHX 8MU-25-8-22 (W)	SENE	25	8S	22E	UINTAH	UTU-65471	Federal Lease

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304735436	EIHX 10MU-25-8-22 (W)	NWSE	25	8S	22E	UINTAH	UTU-65472	Federal Lease
4304735435	EIHX 15MU-25-8-22 (W)	SWSE	25	8S	22E	UINTAH	UTU-65472	Federal Lease
4304735434	EIHX 16MU-25-8-22 (W)	SESE	25	8S	22E	UINTAH	UTU-65472	Federal Lease
4304735433	EIHX 9MU-25-8-22 (W)	NESE	25	8S	22E	UINTAH	UTU-65472	Federal Lease
4304734147	GH 5W-21-8-21	SWNW	21	8S	21E	UINTAH	UTU-68217	Federal Lease
4304734148	GH 6W-21-8-21	SENW	21	8S	21E	UINTAH	UTU-68217	Federal Lease
4304733845	GH 7W-21-8-21	SWNE	21	8S	21E	UINTAH	UTU-68217	Federal Lease
4304734149	GH 8W-21-8-21	SENE	21	8S	21E	UINTAH	UTU-68217	Federal Lease
4304734561	WVX 10W-17-8-21 (GR)	NWSE	17	8S	21E	UINTAH	UTU68219	Federal Lease
4304735324	GH 1ML-19-8-21 (W)	NENE	19	8S	21E	UINTAH	UTU-68220	Federal Lease
4304738267	GH 7D-19-8-21 (MV)	SWNE	19	8S	21E	UINTAH	UTU-68220	Federal Lease
4304732754	FLU KNOLLS FED 23-3	NESW	3	10S	18E	UINTAH	UTU-68620	Federal Lease
4304734604	OU GB 1W-20-8-22	NENE	20	8S	22E	UINTAH	UTU69001	Federal Lease
4304734599	OU GB 2W-20-8-22	NWNE	20	8S	22E	UINTAH	UTU-69001	Federal Lease
4304734018	OU GB 6W-20-8-22	SENW	20	8S	22E	UINTAH	UTU-69001	Federal Lease
4304734705	OU GB 7W-20-8-22	SWNE	20	8S	22E	UINTAH	UTU-69001	Federal Lease
4304737665	GB 8D-20-8-22 (W)	SENE	20	8S	22E	UINTAH	UTU-69001	Federal Lease
4304733526	OU GB 3W-20-8-22	NENW	20	8S	22E	UINTAH	UTU-69001	Federal Lease
4304734043	OU GB 4W-20-8-22	NWNW	20	8S	22E	UINTAH	UTU-69001	Federal Lease
4304734209	OU GB 5W-20-8-22	SWNW	20	8S	22E	UINTAH	UTU-69001	Federal Lease
4304734403	SU BW 15W-18-7-22	SWSE	18	7S	22E	UINTAH	UTU71416	Federal Lease
4304732493	EAST COYOTE FED 14-4-8-25	SESW	4	8S	25E	UINTAH	UTU-72109	Federal Lease
4304736143	NBE 8ML-12-9-23 (W)	SENE	12	9S	23E	UINTAH	UTU72634	Federal Lease
4304736620	NBE 10D-26-9-23 (M)	NWSE	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736617	NBE 10ML-17-9-23 (W)	NWSE	17	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736594	NBE 11ML-10-9-23 (W)	NESW	10	9S	23E	UINTAH	UTU-72634	Federal Lease
4304735466	NBE 11ML-17-9-23 (W)	NESW	17	9S	23E	UINTAH	UTU-72634	Federal Lease
4304735333	NBE 12ML-10-9-23 (ML)	NWSW	10	9S	23E	UINTAH	UTU-72634	Federal Lease
4304735652	NBE 12ML-17-9-23 (ML)	NWSW	17	9S	23E	UINTAH	UTU-72634	Federal Lease
4304735334	NBE 13ML-17-9-23 (ML)	SWSW	17	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736622	NBE 13ML-26-9-23 (W)	SWSW	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736618	NBE 14ML-17-9-23 (W)	SESW	17	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736623	NBE 14ML-26-9-23 (W)	SESW	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736595	NBE 15ML-10-9-23 (W)	SWSE	10	9S	23E	UINTAH	UTU-72634	Federal Lease
4304735463	NBE 15ML-17-9-23 (W)	SWSE	17	9S	23E	UINTAH	UTU-72634	Federal Lease
4304735666	NBE 15ML-26-9-23 (ML)	SWSE	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736100	NBE 16ML-10-9-23 (W)	SESE	10	9S	23E	UINTAH	UTU-72634	Federal Lease

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304736624	NBE 16ML-26-9-23 (W)	SESE	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304737619	NBE 2ML-10-9-23 (W)	NWNE	10	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736614	NBE 2ML-17-9-23 (W)	NWNE	17	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736590	NBE 2ML-26-9-23 (W)	NWNE	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736356	NBE 3ML-10-9-23 (W)	NENW	10	9S	23E	UINTAH	UTU-72634	Federal Lease
4304735465	NBE 3ML-17-9-23 (W)	NENW	17	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736591	NBE 3ML-26-9-23 (W)	NENW	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304739348	NBE 4DD-17-9-23 (M)	NWNW	17	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736098	NBE 4ML-10-9-23 (W)	NWNW	10	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736615	NBE 4ML-17-9-23 (W)	NWNW	17	9S	23E	UINTAH	UTU-72634	Federal Lease
4304739346	NBE 5DD-10-9-23 (M)	SWNW	10	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736353	NBE 5ML-10-9-23 (W)	SWNW	10	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736941	NBE 5ML-17-9-23 (W)	SWNW	17	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736592	NBE 5ML-26-9-23 (W)	SWNW	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304735651	NBE 6ML-10-9-23 (W)	SESW	10	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736616	NBE 6ML-17-9-23 (W)	SESW	17	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736355	NBE 7ML-10-9-23 (W)	SWNE	10	9S	23E	UINTAH	UTU-72634	Federal Lease
4304735464	NBE 7ML-17-9-23 (ML)	SWNE	17	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736587	NBE 7ML-26-9-23 (W)	SWNE	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304739351	NBE 8BD-26-9-23 (DK)	SENE	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304739341	NBE 8CD-10-9-23 (M)	SENE	10	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736099	NBE 8ML-10-9-23 (W)	SENE	10	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736588	NBE 8ML-26-9-23 (W)	SENE	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736593	NBE 9ML-10-9-23 (W)	NESE	10	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736619	NBE 9ML-26-9-23 (ML)	NESE	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304739349	NBE 10CD-17-9-23 (M)	NWSE	17	9S	23E	UINTAH	UTU-72634	Federal Lease
4304735665	NBE 11ML-26-9-23 (W)	NESW	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736621	NBE 12ML-26-9-23 (W)	NWSW	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304736589	NBE 1ML-26-9-23 (W)	NENE	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304735335	NBE 4ML-26-9-23 (ML)	NWNW	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304735664	NBE 6ML-26-9-23 (ML)	SESW	26	9S	23E	UINTAH	UTU-72634	Federal Lease
4304735650	NBE 10ML-10-9-23 (W)	NWSE	10	9S	23E	UINTAH	UTU-72634	Federal Lease
4304738875	NBE 12SWD-10-9-23	NWSW	10	9S	23E	UINTAH	UTU-72634	Federal Lease
4304735483	RWS 3ML-9-9-24 (W)	NENW	9	9S	24E	UINTAH	UTU73182	Federal Lease
4304738645	RWS 5ML-9-9-24 ALLOCATION	SWNW	9	9S	24E	UINTAH	UTU73182	Federal Lease
4304738646	RWS 12ML-9-9-24 ALLOCATION	NWSW	9	9S	24E	UINTAH	UTU73182	Federal Lease
4304737307	RWS 8D-5-9-24 (DK)	SENE	5	9S	24E	UINTAH	UTU73456	Federal Lease

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304737311	RWS 16ML-5-9-24 (W)	SESE	5	9S	24E	UINTAH	UTU73456	Federal Lease
4304737411	RWS 2D-6-9-24 (DK)	NWNE	6	9S	24E	UINTAH	UTU73456	Federal Lease
4304737308	RWS 10ML-5-9-24 (GR)	NWSE	5	9S	24E	UINTAH	UTU-73456	Federal Lease
4304734719	OU SG 10M-15-8-22	NWSE	15	8S	22E	UINTAH	UTU-73686	Federal Lease
4304734764	OU SG 10W-10-8-22	NWSE	10	8S	22E	UINTAH	UTU-73686	Federal Lease
4304734710	OU SG 14W-15-8-22	SESW	15	8S	22E	UINTAH	UTU-73686	Federal Lease
4304734711	OU SG 15W-15-8-22	SWSE	15	8S	22E	UINTAH	UTU-73686	Federal Lease
4304734784	OU SG 16W-10-8-22	SESE	10	8S	22E	UINTAH	UTU-73686	Federal Lease
4304734712	OU SG 16W-15-8-22	SESE	15	8S	22E	UINTAH	UTU-73686	Federal Lease
4304734717	OU SG 8W-15-8-22	SENE	15	8S	22E	UINTAH	UTU-73686	Federal Lease
4304734783	OU SG 9W-10-8-22	NESE	10	8S	22E	UINTAH	UTU-73686	Federal Lease
4304734718	OU SG 9W-15-8-22	NESE	15	8S	22E	UINTAH	UTU-73686	Federal Lease
4304734721	OU SG 2MU-15-8-22 (MU)	NWNE	15	8S	22E	UINTAH	UTU-73686	Federal Lease
4304734722	OU SG 7W-15-8-22	SWNE	15	8S	22E	UINTAH	UTU-73686	Federal Lease
4304733177	SG 12A-14-8-22	NWSW	14	8S	22E	UINTAH	UTU73687	Federal Lease
4304735071	SG 4G-11-8-22	NWNW	11	8S	22E	UINTAH	UTU73687	Federal Lease
4304735072	OU SG 5MU-11-8-22 (AKA OU SG	SWNW	11	8S	22E	UINTAH	UTU73687	Federal Lease
4304735075	OU SG 4W-14-8-22	NWNW	14	8S	22E	UINTAH	UTU73687	Federal Lease
4304735099	SG 11SG-23-8-22	NESW	23	8S	22E	UINTAH	UTU73687	Federal Lease
4304735114	OU SG 14W-11-8-22	SESW	11	8S	22E	UINTAH	UTU73687	Federal Lease
4304735377	OU SG 13W-11-8-22	SWSW	11	8S	22E	UINTAH	UTU73687	Federal Lease
4304735078	OU SG 12MU-14-8-22 (MU)	NWSW	14	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735076	OU SG 5MU-14-8-22	SWNW	14	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735077	OU SG 6MU-14-8-22 (MU)	SENW	14	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735382	SG 10MU-11-8-22 (W)	NWSE	11	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735257	SG 11M-23-8-22 MV	NESW	23	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735188	SG 12MU-23-8-22 (MU)	NWSW	23	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735079	SG 13MU-14-8-22 (W)	SWSW	14	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735190	SG 13MU-23-8-22 (W)	SWSW	23	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735950	SG 14MU-14-8-22 (W)	SESW	14	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735117	SG 14MU-23-8-22 (MU)	SESW	23	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735328	SG 15MU-14-8-22 (W)	SWSE	14	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735375	SG 1MU-11-8-22 (W)	NENE	11	8S	22E	UINTAH	UTU-73687	Federal Lease
4304736940	SG 3MU-23-8-22 (W)	SESW	14	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735758	SG 4MU-23-8-22 (W)	NWNW	23	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735115	SG 5MU-23-8-22 (W)	SWNW	23	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735073	SG 6MU-11-8-22 (W)	SENW	11	8S	22E	UINTAH	UTU-73687	Federal Lease

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304735116	SG 6MU-23-8-22 (W)	SENE	23	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735374	SG 7MU-11-8-22 (W)	SWNE	11	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735380	SG 8MU-11-8-22 (W)	SENE	11	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735091	OU SG 9MU-11-8-22 (MU)	NESE	11	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735829	SG 11MU-14-8-22 (W)	NESW	14	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735381	SG 2MU-11-8-22 (MU)	NWNE	11	8S	22E	UINTAH	UTU-73687	Federal Lease
4304735379	SG 3MU-11-8-22 (W)	NENW	11	8S	22E	UINTAH	UTU-73687	Federal Lease
4304732746	SG 6-14-8-22	SENE	14	8S	22E	UINTAH	UTU-73687	Federal Lease
4304736040	WWT 7ML-24-8-24 (ML)	SWNE	24	8S	24E	UINTAH	UTU73698	Federal Lease
4304735803	RWS 8ML-14-9-24 (W)	SENE	14	9S	24E	UINTAH	UTU73917	Federal Lease
4304734391	GB 16W-30-8-22	SESE	30	8S	22E	UINTAH	UTU74493	Federal Lease
4304734555	OU GB 12W-29-8-22	NWSW	29	8S	22E	UINTAH	UTU74493	Federal Lease
4304734575	OU GB 8W-29-8-22	SENE	29	8S	22E	UINTAH	UTU74493	Federal Lease
4304715084	WHITE RIVER UNIT 20-9	NESW	9	8S	22E	UINTAH	UTU74494	Federal Lease
4304734652	OU GB 12W-9-8-22	NWSW	9	8S	22E	UINTAH	UTU74494	Federal Lease
4304734654	OU GB 13W-9-8-22	SWSW	9	8S	22E	UINTAH	UTU-74494	Federal Lease
4304734715	OU GB 5M-15-8-22 (MV)	SWNW	15	8S	22E	UINTAH	UTU-74494	Federal Lease
4304733364	OU GB 15-18-8-22	SWSE	18	8S	22E	UINTAH	UTU-74495	Federal Lease
4304734563	OU GB 16W-18-8-22	SESE	18	8S	22E	UINTAH	UTU-74495	Federal Lease
4304734514	OU GB 5W-19-8-22	SWNW	19	8S	22E	UINTAH	UTU-74495	Federal Lease
4304733516	OU GB 9W-18-8-22	NESE	18	8S	22E	UINTAH	UTU-74495	Federal Lease
4304734695	OU GB 5G-19-8-22	SWNW	19	8S	22E	UINTAH	UTU-74495	Federal Lease
4301333203	PETES WASH U 13-06 GR	NWNW	6	10S	16E	DUCHESNE	UTU74831	Federal Lease
4304732052	DESERT SPRING FED 20-1	NESW	20	10S	18E	UINTAH	UTU74836	Federal Lease
4301332088	W DESERT SPRING 11-20-10-17	NESW	20	10S	17E	DUCHESNE	UTU75083	Federal Lease
4304734630	OU GB 9W-20-8-22	NESE	20	8S	22E	UINTAH	UTU-75103	Federal Lease
4304736039	COY 12ML-24-8-24 (G)	NWSW	24	8S	24E	UINTAH	UTU-75116	Federal Lease
4304737114	HK 12ML-30-8-25 (ML)	NWSW	30	8S	25E	UINTAH	UTU75503	Federal Lease
4304735457	GB 3MU-3-8-22 (W)	NENW	3	8S	22E	UINTAH	UTU-75678	Federal Lease
4304715423	FEDERAL 2-29-7-22	NESW	29	7S	22E	UINTAH	UTU76507	Federal Lease
4304733987	SU 3W-5-8-22	NENW	5	8S	22E	UINTAH	UTU76508	Federal Lease
4304733994	SU 13W-5-8-22	SWSW	5	8S	22E	UINTAH	UTU76508	Federal Lease
4304734401	SU 14W-5-8-22	SESW	5	8S	22E	UINTAH	UTU76508	Federal Lease
4304734390	WVX 15G-5-8-22	SWSE	5	8S	22E	UINTAH	UTU76508	Federal Lease
4304733996	SU 15W-5-8-22	SWSE	5	8S	22E	UINTAH	UTU-76508	Federal Lease
4304734446	SU 16W-5-8-22	SESE	5	8S	22E	UINTAH	UTU-76508	Federal Lease
4304733985	SU 1W-5-8-22	NENE	5	8S	22E	UINTAH	UTU-76508	Federal Lease

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304734455	SU 2W-5-8-22	NWNE	5	8S	22E	UINTAH	UTU-76508	Federal Lease
4304733988	SU 7W-5-8-22	SWNE	5	8S	22E	UINTAH	UTU-76508	Federal Lease
4304733990	SU 9W-5-8-22	NESE	5	8S	22E	UINTAH	UTU-76508	Federal Lease
4304734456	SU 10W-5-8-22	NWSE	5	8S	22E	UINTAH	UTU-76508	Federal Lease
4304737229	NBZ 4D-30-8-24 (W)	NWNW	30	8S	24E	UINTAH	UTU77301	Federal Lease
4304737230	NBZ 6ML-30-8-24 (W)	SENW	30	8S	24E	UINTAH	UTU77301	Federal Lease
4304737232	NBZ 10ML-30-8-24	NWSE	30	8S	24E	UINTAH	UTU77301	Federal Lease
4304737233	NBZ 12D-30-8-24 (W)	NWSW	30	8S	24E	UINTAH	UTU77301	Federal Lease
4304737234	NBZ 14ML-30-8-24 (W)	SESW	30	8S	24E	UINTAH	UTU77301	Federal Lease
4304737235	NBZ 6D-31-8-24	SENW	31	8S	24E	UINTAH	UTU77301	Federal Lease
4304737236	NBZ 4D-31-8-24 (W)	NWNW	31	8S	24E	UINTAH	UTU77301	Federal Lease
4304737239	NBZ 2ML-31-8-24	NWNE	31	8S	24E	UINTAH	UTU77301	Federal Lease
4304737240	NBZ 11D-29-8-24 (W)	NESW	29	8S	24E	UINTAH	UTU77301	Federal Lease
4304737241	NBZ 5D-29-8-24 (W)	SWNW	29	8S	24E	UINTAH	UTU77301	Federal Lease
4304737244	NBZ 9D-29-8-24 (W)	NESE	29	8S	24E	UINTAH	UTU77301	Federal Lease
4304737246	NBZ 15ML-29-8-24	SWSE	29	8S	24E	UINTAH	UTU77301	Federal Lease
4301333833	GD 16G-35-9-15	SESE	35	9S	15E	DUCHESNE	UTU-78021	Federal Lease
4301333827	GD 1G-34-9-15	NENE	34	9S	15E	DUCHESNE	UTU-78021	Federal Lease
4304737274	CWD 3D-32-8-24 (W)	NENW	32	8S	24E	UINTAH	UTU78029	Federal Lease
4304737276	CWD 12ML-32-8-24 (ML)	NWSW	32	8S	24E	UINTAH	UTU78029	Federal Lease
4301350414	WR 4G-35-10-17	NWNW	35	10S	17E	DUCHESNE	UTU-78216	Federal Lease
4301333202	PETES WASH U 14-24 GR	NWNW	24	10S	16E	DUCHESNE	UTU79824	Federal Lease
4304734952	GB 11M-27-8-21 (ML)	NESW	27	8S	21E	UINTAH	UTU-804	Federal Lease
4304734957	GB 1D-27-8-21 (M)	NENE	27	8S	21E	UINTAH	UTU-804	Federal Lease
4304734900	GB 3M-27-8-21 (ML)	NENW	27	8S	21E	UINTAH	UTU-804	Federal Lease
4304734956	GB 9D-27-8-21	NESE	27	8S	21E	UINTAH	UTU-804	Federal Lease
4304739662	GB 15D-27-8-21 (FR)	SWSE	27	8S	21E	UINTAH	UTU-804	Federal Lease
4304734207	WV 2W-3-8-21	NWNE	3	8S	21E	UINTAH	UTU-80636	Federal Lease
4304735412	SU 11MU-9-8-21 (W)	NESW	9	8S	21E	UINTAH	UTU-80637	Federal Lease
4304733905	WV 2W-9-8-21	NWNE	9	8S	21E	UINTAH	UTU-80637	Federal Lease
4304751226	DS 16G-20-10-18	SESE	20	10S	18E	UINTAH	UTU-84264	Federal Lease
4304751178	DS 13G-19-10-18	SWSW	19	10S	18E	UINTAH	UTU-88320	Federal Lease
4304733960	GB 9W-25-8-21	NESE	25	8S	21E	UINTAH	UTU-8909	Federal Lease
4304754035	RW 11-33B SWD	NWNW	33	7S	23E	UINTAH	UTU-90144	Federal Lease
4304731257	GLEN BENCH 44-19	SESE	19	8S	22E	UINTAH	UTU9617	Federal Lease
4304731260	GLEN BENCH 22-30	SENW	30	8S	22E	UINTAH	UTU9617	Federal Lease
4304731355	GB 13-20-8-22	NWSW	20	8S	22E	UINTAH	UTU9617	Federal Lease

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304732755	GLEN BENCH UN 4-30-8-22	NWNW	30	8S	22E	UINTAH	UTU9617	Federal Lease
4304737664	GB 16ML-20-8-22 (W)	SESE	20	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734577	OU GB 10W-29-8-22	NWSE	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734350	OU GB 11W-29-8-22	NESW	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304733948	OU GB 12W-19-8-22	NWSW	19	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734668	OU GB 12WX-29-8-22	NWSW	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734536	OU GB 13W-19-8-22	SWSW	19	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734547	OU GB 13W-29-8-22	SWSW	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734743	OU GB 14SG-29-8-22	SESW	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734632	OU GB 15W-20-8-22	SWSE	20	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734578	OU GB 15W-29-8-22	SWSE	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734744	OU GB 16SG-29-8-22	SESE	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734603	OU GB 16W-29-8-22	SESE	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734506	OU GB 16WX-30-8-22	SESE	30	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734573	OU GB 1W-29-8-22	NENE	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734600	OU GB 2W-29-8-22	NWNE	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734546	OU GB 3W-29-8-22	NENW	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734549	OU GB 5W-29-8-22	SWNW	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734545	OU GB 6W-29-8-22	SENW	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734574	OU GB 7W-29-8-22	SWNE	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734576	OU GB 9W-29-8-22	NESE	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734533	OU GB 9W-30-8-22	NESE	30	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734554	OU GB 14W-29-8-22	SESW	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734688	OU GB 16SG-30-8-22	SESE	30	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734535	OU GB 10W-19-8-22	NWSE	19	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734522	OU GB 16W-19-8-22	SESE	19	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734631	OU GB 10W-20-8-22	NWSE	20	8S	22E	UINTAH	UTU-9617	Federal Lease
4304733947	OU GB 10W-30-8-22	NWSE	30	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734517	OU GB 11W-19-8-22	NESW	19	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734039	OU GB 11W-20-8-22	NESW	20	8S	22E	UINTAH	UTU-9617	Federal Lease
4304733670	OU GB 12W-30-8-22	NWSW	30	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734348	OU GB 13W-20-8-22	SWSW	20	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734537	OU GB 14W-19-8-22	SESW	19	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734349	OU GB 14W-20-8-22	SESW	20	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734548	OU GB 4W-29-8-22	NWNW	29	8S	22E	UINTAH	UTU-9617	Federal Lease
4304733945	OU GB 4W-30-8-22	NWNW	30	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734025	OU GB 5W-30-8-22	SWNW	30	8S	22E	UINTAH	UTU-9617	Federal Lease

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304734530	OU GB 6W-30-8-22	SENE	30	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734531	OU GB 7W-30-8-22	SWNE	30	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734532	OU GB 8W-30-8-22	SENE	30	8S	22E	UINTAH	UTU-9617	Federal Lease
4304733946	OU GB 9W-19-8-22	NESE	19	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734538	OU GB 15W-19-8-22	SWSE	19	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734528	OU GB 1W-30-8-22	NENE	30	8S	22E	UINTAH	UTU-9617	Federal Lease
4304735080	GB 2ML-30-8-22 (W)	NWNE	30	8S	22E	UINTAH	UTU-9617	Federal Lease
4304734713	OU GB 4W-15-8-22 (GR)	NWNW	15	8S	22E	UINTAH	Unit # UTU 73974X	Glen Bench Secondary Recovery Unit
4304734678	OU GB 15W-9-8-22 (GR)	SWSE	9	8S	22E	UINTAH	Unit # UTU 73974X	Glen Bench Secondary Recovery Unit
4304734529	OU GB 3W-30-8-22 (GR)	NENW	30	8S	22E	UINTAH	Unit # UTU 73974X	Glen Bench Secondary Recovery Unit
4304734543	OU GB 6W-17-8-22 (GR)	SENE	17	8S	22E	UINTAH	Unit # UTU 73974X	Glen Bench Secondary Recovery Unit
4304731555	GB 2-17	SESW	17	8S	22E	UINTAH	Unit # UTU 73974X	Glen Bench Secondary Recovery Unit
4304731433	GB 31-20	NWNE	20	8S	22E	UINTAH	Unit # UTU 73974X	Glen Bench Secondary Recovery Unit
4304732476	GB 8-19-8-22	SENE	19	8S	22E	UINTAH	Unit # UTU 73974X	Glen Bench Secondary Recovery Unit
4304734696	OU GB 1G-19-8-22	NENE	19	8S	22E	UINTAH	Unit # UTU 73974X	Glen Bench Secondary Recovery Unit
4304731008	GB 31-30-8-22	NWNE	30	8S	22E	UINTAH	Unit # UTU 73974X	Glen Bench Secondary Recovery Unit
4304732756	GB 15-19-8-22(WIW)	SWSE	19	8S	22E	UINTAH	Unit # UTU 73974X	Glen Bench Secondary Recovery Unit
4304731356	GB 22-20(WIW)	SENE	20	8S	22E	UINTAH	Unit # UTU 73974X	Glen Bench Secondary Recovery Unit
4304733249	OU GB 12W-20-8-22 (GB)	NWSW	20	8S	22E	UINTAH	Unit # UTU 73974X	Glen Bench Secondary Recovery Unit
4304731065	GH 1-19	SESE	19	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304732651	GH 19	SWNW	20	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304733566	GH 10G-19-8-21	NWSE	19	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304732459	GH 11	NWSE	20	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304732460	GH 13	NESW	21	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304732647	GH 14	NWSW	20	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304732675	GH 16	SESW	20	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304737993	GH 16G-17-8-21	SESE	17	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304732650	GH 18	SESE	20	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304734927	GH 1G-17-8-21	NENE	17	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304732652	GH 20	SENE	20	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304731541	GH 23-21	NWSW	21	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304730028	GH 4	SWSE	19	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304731826	GH 4-21	SENE	21	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304731827	GH 5-21	SENE	21	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304732304	GH 9	SENE	20	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304734723	GHX 13HG-17-8-21	SWSW	17	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304732458	GH 12	NESE	19	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304732649	GH 17 (WIW)	SWSE	20	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304731066	GH 2-20	NESE	20	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304731932	GH 8	SWNE	20	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304737992	GH 8G-17-8-21	SENE	17	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304732306	GH 10	NWSE	21	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304731006	GH 1-20	NESW	20	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304732648	GH 15 (WIW)	SWSW	20	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304720002	GH 3	NENE	20	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304731604	GH 3-21	SWNW	21	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304733954	WV 5W-17-8-21 GREEN RIVER	SWNW	17	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304734150	GH 9W-17-8-21 (GR)	NESE	17	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304735372	WVX 8MU-19-8-21 (GR)	SENE	19	8S	21E	UINTAH	Unit # UTU 67951A	Gypsum Hills Secondary Recovery Unit
4304734388	WVX 11G-5-8-22	NESW	5	8S	22E	UINTAH	Unit # UTU 88206X	Horse Secondary Recovery
4304734389	WVX 13G-5-8-22	SWSW	5	8S	22E	UINTAH	Unit # UTU 88206X	Horse Secondary Recovery
4304751179	BW 15-18-7-22 (MV)	SWSE	18	7S	22E	UINTAH	Unit # UTU 88205A	Kilimanjaro Deep Unit PA "A"
4304736136	SU BW 14M-7-7-22 (W)	SESW	7	7S	22E	UINTAH	Unit # UTU 92222X	KJ2 Unit
4304734384	SU PURDY 14M-30-7-22 (MU)	SESW	30	7S	22E	UINTAH	Unit # UTU 92222X	KJ2 Unit
4304734837	SU BW 6M-7-7-22 (MU)	SESW	7	7S	22E	UINTAH	Unit # UTU 92222X	KJ2 Unit
4304755649	KJ 33B-17A	NWSE	17	7S	22E	UINTAH	Unit # UTU 92222X	KJ2 Unit
4304737078	MULLIGAN 822-24G	SWNE	24	8S	22E	UINTAH	Unit # UTU-080643X	Mulligan Unit
4304737077	MULLIGAN 822-24H	SENE	24	8S	22E	UINTAH	Unit # UTU-080643X	Mulligan Unit
4301351631	WR 6G-32-10-17	SESW	32	10S	17E	DUCHESNE	Unit # UTU 87716A	Nautilus PA "A" Green River
4304753023	DS 14G-6-10-18 (GR)	SESW	6	10S	18E	UINTAH	Unit # UTU 87719A	Nemo Unit PA
4304752436	DS 14G-7-10-18 (GR)	SESW	7	10S	18E	UINTAH	Unit # UTU 87719A	Nemo Unit PA
4304752406	DS 15G-5-10-18 (GR)	SWSE	5	10S	18E	UINTAH	Unit # UTU 87719A	Nemo Unit PA
4304753286	DS 2G-6-10-18 (GR)	NWNE	6	10S	18E	UINTAH	Unit # UTU 87719A	Nemo Unit PA
4304735932	RB DS FED 1G-7-10-18	NENE	7	10S	18E	UINTAH	Unit # UTU 87719A	Nemo Unit PA
4304735933	RB DS FED 14G-8-10-18	SESW	8	10S	18E	UINTAH	Unit # UTU 87719A	Nemo Unit PA
4304755403	RW 1C1-21A	NWNE	21	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752313	RW 02B4-26B (MV)	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304736982	RW 04-25B (MV)	NWSW	25	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752327	RW 05C4-23B (MV)	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752320	RW 10C1-23B (MV)	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752317	RW 10C4-23B (MV)	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715296	RW 12-14B (MV)	SWNW	14	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715272	RW 12-20B (MV)	SWNW	20	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715201	RW 12-27B (MV)	SWNW	27	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304751938	RW 12A2-28B (MV)	NWSW	28	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752328	RW 12B1-23B (MV)	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752332	RW 12B4-23B (MV)	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752234	RW 12B4-27B (MV)	NWSW	27	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752330	RW 12C1-23B (MV)	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304751903	RW 12C3-25B (MV)	NWSW	25	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752329	RW 12C4-23B (MV)	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304751904	RW 12D1-25B (MV)	NESW	25	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304751905	RW 12D4-25B (MV)	NESW	25	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752333	RW 13B1-23B (MV)	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752243	RW 13B4-18C (MV)	SWSW	18	7S	24E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304751939	RW 13D2-24A (MV)	SWSW	24	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715178	RW 14-18B (MV)	SWSW	18	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715176	RW 14-23A (MV)	SWSW	23	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715165	RW 14-23B (MV)	SWSW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715166	RW 14-24A (MV)	SWSW	24	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715265	RW 14-29B (MV)	SWSW	29	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304751940	RW 14D3-24A (MV)	SESW	24	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304754669	RW 15B4-21B	SENE	28	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752319	RW 15B4-23B (MV)	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752316	RW 15C1-23B (MV)	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304754668	RW 15C4-21B	SENE	28	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752314	RW 15C4-23B (MV)	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304755404	RW 16B1-16A	NWNE	21	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304755405	RW 16C1-16A	NENE	21	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304755414	RW 1B1-21A	NWNE	21	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304754665	RW 1C4-28B	SENE	28	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715186	RW 21-22B (MV)	NENW	22	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715167	RW 21-24B (MV)	NENW	24	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715191	RW 21-27B (MV)	NENW	27	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715260	RW 22-22B (MV)	SENW	22	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715157	RW 23-13B (MV)	NESW	13	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715290	RW 23-26B (MV)	NESW	26	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715237	RW 23-28B (MV)	NESW	28	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304751722	RW 23A-28B (MV)	SESW	28	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304753307	RW 24-14AGR	SESW	14	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304730518	RW 24-26B (MV)	SESW	26	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304752324	RW 2B1-26B (MV)	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304754667	RW 2C4-28B	SENE	28	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304751724	RW 31-20B (MV)	NWNE	20	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715283	RW 31-28B (MV)	NWNE	28	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715139	RW 32-22B (MV)	SWNE	22	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304751788	RW 32-25A (MV)	SWNE	25	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715275	RW 32-26B (MV)	SWNE	26	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304751723	RW 32-29B (MV)	SWNE	29	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304730521	RW 33-26B (MV)	NWSE	26	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715152	RW 34-14B (MV)	SWSE	14	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304753299	RW 34-20BGR	SWSE	20	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715158	RW 34-22B (MV)	SWSE	22	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304751720	RW 34-24B (MV)	SWSE	24	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715148	RW 34-26B (MV)	SWSE	26	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304739445	RW 34-27 ADR (M)	SWSE	27	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304736351	RW 34-34AD (W)	SWSE	34	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304716498	RW 41-14B (MV)	NENE	14	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304716495	RW 41-15B (MV)	NENE	15	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304736818	RW 41-26AG (MV)	NENE	26	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304753682	RW 42-25AGR	SENE	25	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304731051	RW 42-27B (MV)	SENE	27	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304731682	RW 43-15B (MV)	NESE	15	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304751721	RW 43-20B (MV)	NESE	20	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304716475	RW 43-28B (MV)	NESE	28	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715236	RW 43-29A (MV)	NESE	29	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304736349	RW 44-08FG (MV)	SESE	8	8S	24E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715206	RW 44-14B (MV)	SESE	14	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304751719	RW 44-25B (MV)	SESE	25	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304731053	RW 44-27B (MV)	SESE	27	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752311	RW 5B4-23B	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752312	RW 5C1-23B (MV)	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752242	RW 5D2-26B (MV)	SWNW	26	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304754666	RW 7B4-28B (MV)	SENE	28	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304754664	RW 7C4-28B	SENE	28	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304755402	RW 8B1-21A	NWNE	21	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304754662	RW 8B4-28B	SENE	28	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304755401	RW 8C1-21A	NWNE	21	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304752240	RW 8C1-30B (MV)	SENE	30	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304754663	RW 8C4-28B	SENE	28	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304755406	RW 9B1-21A	NWNE	21	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304755303	RW 9C1-16A	NWNE	21	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752237	RW 9C1-24B (MV)	NESE	24	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752238	RW 9C1-26B (MV)	NESE	26	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304735671	RWU 14-34AMU (W)	SWSW	34	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715145	RW 32-17C (MV)	SWNE	17	7S	24E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304752315	RW 15B1-23B (MV)	NESW	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715196	RW 12-13B (MV)	SWNW	13	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715153	RW 23-22B (MV)	NESW	22	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715230	RW 32-28A (MV)	SWNE	28	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715268	RW 32-30B (MV)	SWNE	30	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304731476	RW 33-23B (MV)	NWSE	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715205	RW 41-27A (MV)	NENE	27	7S	22E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304731478	RW 42-21B (MV)	SENE	21	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304731576	RW 42-23B (MV)	SENE	23	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304715155	RW 43-22B (MV)	NESE	22	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304730520	RW 44-26B (MV)	SESE	26	7S	23E	UINTAH	Unit # UTU 63010D	Red Wash Unit PA "D" Gas
4304735098	RWU 34-22C (GR)	SWSE	22	7S	24E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304715169	RW 21-29C (GR)	NENW	29	7S	24E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304730348	RW 23-19C (GR)	NESW	19	7S	24E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304732629	RW 23-23C (GR)	NESW	23	7S	24E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304715302	RW 32-28C (GR)	SWNE	28	7S	24E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304715171	RW 32-33C (GR)	SWNE	33	7S	24E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304720014	RW 41-8F (GR)	NENE	8	8S	24E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304735045	RWU 34-27C (GR)	SWSE	27	7S	24E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304731477	RW 11-24B (GR)	NWNW	24	7S	23E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304753302	RW 11-26A (GR)	NWNW	26	7S	22E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304753311	RW 11-27AGR	NWNW	27	7S	22E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304715170	RW 12-17B (GR)	SWNW	17	7S	23E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304715183	RW 12-18C (GR)	SWNW	18	7S	24E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304715213	RW 12-22A (GR)	SWNW	22	7S	22E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304715218	RW 12-22B (GR)	SWNW	22	7S	23E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304715274	RW 12-28B (GR)	SWNW	28	7S	23E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304731517	RW 13-24B (GR)	NWSW	24	7S	23E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil
4304715246	RW 14-15B (GR)	SWSW	15	7S	23E	UINTAH	Unit # UTU 63010O	Red Wash Unit PA "O" Oil

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304732738	RW 14-17B (GR)	SWSW	17	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304730341	RW 14-25B (GR)	SWSW	25	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715202	RW 14-27B (GR)	SWSW	27	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715199	RW 21-13B (GR)	NENW	13	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715193	RW 21-18C (GR)	NENW	18	7S	24E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715233	RW 21-19B (GR)	NENW	19	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304730340	RW 21-19C (GR)	NENW	19	7S	24E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733592	RW 21-24A (GR)	NENW	24	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733576	RW 21-25A (GR)	NENW	25	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715227	RW 21-28B (GR)	NENW	28	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304730258	RW 21-34B (GR)	NENW	34	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304730345	RW 22-14B (GR)	SENW	14	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304730387	RW 22-18C (GR)	SENW	18	7S	24E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733559	RW 22-19B (GR)	SENW	19	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733491	RW 22-20B (GR)	SENW	20	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733786	RW 22-25A (GR)	SENW	25	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715192	RW 23-22A (GR)	NESW	22	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715228	RW 23-23A (GR)	NESW	23	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733567	RW 23-24A (GR)	NESW	24	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715239	RW 24-14B (GR)	SESW	14	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304731579	RW 24-15B (GR)	SESW	15	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733554	RW 24-18B (GR)	SESW	18	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304731582	RW 24-18C (GR)	SESW	18	7S	24E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733492	RW 24-19B (GR)	SESW	19	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733523	RW 24-20B (GR)	SESW	20	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715255	RW 24-22B (GR)	SESW	22	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304753305	RW 31-31B (GR)	NWNE	31	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715150	RW 32-14B (GR)	SWNE	14	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715270	RW 32-15B (GR)	SWNE	15	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304732981	RW 32-17B (GR)	SWNE	17	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733018	RW 32-18B (GR)	SWNE	18	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715198	RW 32-18C (GR)	SWNE	18	7S	24E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715226	RW 32-21B (GR)	SWNE	21	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715156	RW 32-23B (GR)	SWNE	23	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715229	RW 32-24A (GR)	SWNE	24	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304730313	RW 32-24B (GR)	SWNE	24	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715200	RW 32-28B (GR)	SWNE	28	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304715257	RW 33-14B (GR)	NWSE	14	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715222	RW 34-15B (GR)	SWSE	15	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304731819	RW 34-17B (GR)	SWSE	17	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304730314	RW 34-18C (GR)	SWSE	18	7S	24E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715220	RW 34-21B (GR)	SWSE	21	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715136	RW 34-23B (GR)	SWSE	23	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715288	RW 34-30B (GR)	SWSE	30	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715138	RW 41-23B (GR)	NENE	23	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733769	RW 41-24AX (GR)	NENE	24	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733579	RW 41-25AX (GR)	NENE	25	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715243	RW 41-29A (GR)	NENE	29	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715254	RW 41-30B (GR)	NENE	30	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715203	RW 41-31B (GR)	NENE	31	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304730346	RW 42-13B (GR)	SENE	13	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715264	RW 42-14B (GR)	SENE	14	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733490	RW 42-20B (GR)	SENE	20	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715211	RW 43-21B (GR)	NESE	21	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715140	RW 43-23B (GR)	NESE	23	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733594	RW 44-18B (GR)	SESE	18	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304731054	RW 44-23B (GR)	SESE	23	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304753648	RW 44-25A (GR)	SESE	25	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304735670	RWU 32-27AG (GR)	SWNE	27	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304735668	RWU 34-23AG (GR)	SWSE	23	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304730388	RW 22-17C (GR)	SENE	17	7S	24E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304730149	RW 44-21C (GR)	SESE	21	7S	24E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304731079	RW 11-35B (GR)	NWNW	35	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715238	RW 13-13B (GR)	NWSW	13	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304753310	RW 13-17B (GR)	NWSW	17	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304753300	RW 22-17BGR	SENE	17	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304753445	RW 22-18B (GR)	SENE	18	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304731082	RW 22-35B (GR)	SENE	35	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715305	RW 23-25A (GR)	NESW	25	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715163	RW 32-13B (GR)	SWNE	13	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715189	RW 34-18B (GR)	SWSE	18	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715294	RW 41-33A (GR)	NENE	33	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715250	RW 41-34B (GR)	NENE	34	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733524	RW 44-19B (GR)	SESE	19	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304733525	RW 44-20B (GR)	SESE	20	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733772	RW 44-30B (GR)	SESE	30	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733553	RW 11-20B	NWNW	20	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733590	RW 11-29B	NWNW	29	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304731052	RW 11-36B	NWNW	36	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733591	RW 12-24A	SWNW	24	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715144	RW 14-13B	SWSW	13	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304716497	RW 14-21B	SWSW	21	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304716472	RW 14-24B	SWSW	24	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304732739	RW 23-17B	NESW	17	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715289	RW 33-13B	NWSE	13	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733593	RW 34-13A	SWSE	13	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304716473	RW 41-27B (GR)	NENE	27	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304732980	RW 43-17B	NESE	17	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304732982	RW 43-18B	NESE	18	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304730103	RW 21-27A	NENW	27	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304753442	RW 31-24A (GR)	NWNE	24	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304730342	RW 32-35B (GR)	SWNE	35	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304753303	RW 33-23A (GR)	NWSE	23	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304753439	RW 34-14AGR	SWSE	14	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304730458	RW 34-22A	SWSE	22	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304720060	RW 41-33B	NENE	33	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304753680	RW 43-27AGR	NESE	27	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733785	RW 11-30B	NWNW	30	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733497	RW 13-19B	NWSW	19	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733498	RW 13-20B	NWSW	20	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715261	RW 13-22B	NWSW	22	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715281	RW 21-20B	NENW	20	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715161	RW 23-14B	NESW	14	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715267	RW 23-15B	NESW	15	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715210	RW 23-18B	NESW	18	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733555	RW 31-19B	NWNE	19	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304716479	RW 33-22B	NWSE	22	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733790	RW 33-30B	NWSE	30	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715146	RW 41-20B	NENE	20	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715221	RW 41-24A	SENE	24	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304715219	RW 43-21A	NESE	21	7S	22E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304730519	RW 31-35B	NWNE	35	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4304733499	RW 33-19B	NWSE	19	7S	23E	UINTAH	Unit # UTU 630100	Red Wash Unit PA "O" Oil
4301351913	WR 11G-5-10-17	NESW	5	10S	17E	DUCHESNE	Unit # UTU 88573A	Scylla PA "A" Green River
4301350417	WR 9G-5-10-17	NESE	5	10S	17E	DUCHESNE	Unit # UTU 88573A	Scylla PA "A" Green River
4301332057	WRB 16-17-10-17	SESE	17	10S	17E	DUCHESNE	Unit # UTU 88573B	Scylla PA "B" Green River
4304733615	KENNEDY WASH 13-1	NENE	13	8S	22E	UINTAH	Unit # UTU89161X	South Red Wash Unit
4304755730	SR 32A-13H	SWNE	13	8S	22E	UINTAH	Unit # UTU89161X	South Red Wash Unit
4304737991	SSU 11G-9-8-21	NESW	9	8S	21E	UINTAH	Unit # UTU 82151A	South Stirrup Unit - GR PA
4304736736	SSU 8G-9-8-21	SENE	9	8S	21E	UINTAH	Unit # UTU 82151A	South Stirrup Unit - GR PA
4304740199	SSU 13G-4-8-21	SWSW	4	8S	21E	UINTAH	Unit # UTU 82151A	South Stirrup Unit - GR PA
4304740159	SSU 2G-3-8-21	NWNE	3	8S	21E	UINTAH	Unit # UTU 82151A	South Stirrup Unit - GR PA
4304734109	WV 15G-3-8-21	SWSE	3	8S	21E	UINTAH	Unit # UTU 82151A	South Stirrup Unit - GR PA
4304734110	WV 16G-3-8-21	SESE	3	8S	21E	UINTAH	Unit # UTU 82151A	South Stirrup Unit - GR PA
4304734106	WV 3G-10-8-21	NENW	10	8S	21E	UINTAH	Unit # UTU 82151A	South Stirrup Unit - GR PA
4304738436	SSU 14G-4-8-21	SESW	4	8S	21E	UINTAH	Unit # UTU 82151A	South Stirrup Unit - GR PA
4304738415	SSU 16G-4-8-21	SESE	4	8S	21E	UINTAH	Unit # UTU 82151A	South Stirrup Unit - GR PA
4304737990	SSU 2G-9-8-21	NWNE	9	8S	21E	UINTAH	Unit # UTU 82151A	South Stirrup Unit - GR PA
4304733162	DESERT SPRING 3-29-10-18	NENW	29	10S	18E	UINTAH	Unit # UTU 81306X	Uteland Butte Secondary Recovery Unit
4304733712	RB DS FEDERAL 14-17-10-18	SESW	17	10S	18E	UINTAH	Unit # UTU 81306X	Uteland Butte Secondary Recovery Unit
4304733164	DESERT SPRING 16-19-10-18	SESE	19	10S	18E	UINTAH	Unit # UTU 81306X	Uteland Butte Secondary Recovery Unit
4304734134	PENDRAGON FED 2-20-10-18	NWNE	20	10S	18E	UINTAH	Unit # UTU 81306X	Uteland Butte Secondary Recovery Unit
4304733245	FEDERAL 5-20-10-18	SWNW	20	10S	18E	UINTAH	Unit # UTU 81306X	Uteland Butte Secondary Recovery Unit
4304734135	PENDRAGON FED 9-17-10-18	NESE	17	10S	18E	UINTAH	Unit # UTU 81306X	Uteland Butte Secondary Recovery Unit
4304733244	DS FEDERAL 7-19-10-18	SWNE	19	10S	18E	UINTAH	Unit # UTU 81306X	Uteland Butte Secondary Recovery Unit
4304734760	DS FEDERAL 7-30-10-18	SWNE	30	10S	18E	UINTAH	Unit # UTU 81306X	Uteland Butte Secondary Recovery Unit
4304739792	WRU GB 13G-3-8-22	SWSW	3	8S	22E	UINTAH	Unit # UTU 63021G	White River PA "A" Green River Formation
4304734208	WRU GB 4WRG-9-8-22	NWNW	9	8S	22E	UINTAH	Unit # UTU 63021G	White River PA "A" Green River Formation
4304733651	WR 13W-3-8-22	SWSW	3	8S	22E	UINTAH	Unit # UTU-63021E	White River PA "E" WSTC-MSVD
4304734651	OU GB 10W-9-8-22	NWSE	9	8S	22E	UINTAH	Unit # UTU-63021F	White River PA "F" (WS-MSVD)
4304734649	OU GB 14W-9-8-22	SESW	9	8S	22E	UINTAH	Unit # UTU-63021F	White River PA "F" (WS-MSVD)
4304734679	OU GB 16W-9-8-22	SESE	9	8S	22E	UINTAH	Unit # UTU-63021F	White River PA "F" (WS-MSVD)
4304734010	OU GB 6W-9-8-22	SENE	9	8S	22E	UINTAH	Unit # UTU-63021F	White River PA "F" (WS-MSVD)
4304734753	WRU GB 5M-9-8-22 (ML)	SWNW	9	8S	22E	UINTAH	Unit # UTU-63021F	White River PA "F" (WS-MSVD)
4304734650	WRU GB 9MU-9-8-22 (MU)	NESE	9	8S	22E	UINTAH	Unit # UTU-63021F	White River PA "F" (WS-MSVD)
4304735052	WRU EIH 2MU-35-8-22	NWNE	35	8S	22E	UINTAH	Unit # UTU 63021B	White River South PA "B"
4304734708	WRU EIH 11W-35-8-22	NESW	35	8S	22E	UINTAH	Unit # UTU 63021B	White River South PA "B"
4304733393	WRU EIH 12W-35-8-22	NWSW	35	8S	22E	UINTAH	Unit # UTU 63021B	White River South PA "B"

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304735048	WRU EIH 15MU-26-8-22 (W)	SWSE	26	8S	22E	UINTAH	Unit # UTU 63021B	White River South PA "B"
4304735049	WRU EIH 1MU-35-8-22	NENE	35	8S	22E	UINTAH	Unit # UTU 63021B	White River South PA "B"
4304734044	WRU EIH 3W-35-8-22	NENW	35	8S	22E	UINTAH	Unit # UTU 63021B	White River South PA "B"
4304734042	WRU EIH 4W-35-8-22	NWNW	35	8S	22E	UINTAH	Unit # UTU 63021B	White River South PA "B"
4304734572	WRU EIH 5W-35-8-22	SWNW	35	8S	22E	UINTAH	Unit # UTU 63021B	White River South PA "B"
4304735047	WRU EIH 9MU-26-8-22 (W)	NESE	26	8S	22E	UINTAH	Unit # UTU 63021B	White River South PA "B"
4304733061	WRU EIH 15-35-8-22	SWSE	35	8S	22E	UINTAH	Unit # UTU 63021B	White River South PA "B"
4304735046	WRU EIH 10W-35-8-22 (MU)	NWSE	35	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-01089	White River South PA "B" & Lease
4304737300	WRU EIH 11B-ML-35-8-22 (ML)	NESW	35	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-01089	White River South PA "B" & Lease
4304735667	WRU EIH 14MU-35-8-22 (W)	SESW	35	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-01089	White River South PA "B" & Lease
4304735121	WRU EIH 15MU-35-8-22 (W)	SWSE	35	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-01089	White River South PA "B" & Lease
4304735194	WRU EIH 16MU-35-8-22 (MU)	SESE	35	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-01089	White River South PA "B" & Lease
4304737299	WRU EIH 6B-ML-35-8-22 (ML)	SWNW	35	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-01089	White River South PA "B" & Lease
4304738640	WRU EIH 6DD-35-8-22 (DK)	SESW	35	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-01089	White River South PA "B" & Lease
4304734684	WRU EIH 6W-35-8-22 (MU)	SESW	35	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-01089	White River South PA "B" & Lease
4304737466	WRU EIH 7D-ML-35-8-22 (ML)	SWNE	35	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-01089	White River South PA "B" & Lease
4304735051	WRU EIH 7MU-35-8-22 (W)	SWNE	35	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-01089	White River South PA "B" & Lease
4304735195	WRU EIH 8MU-35-8-22 (W)	SENE	35	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-01089	White River South PA "B" & Lease
4304735050	WRU EIH 9M-35-8-22 (W)	NESE	35	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-01089	White River South PA "B" & Lease
4304734210	WRU 13WX-35-8-22 (M)	SWSW	35	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-01089	White River South PA "B" & Lease
4304735601	WRU EIH 12MU-25-8-22 (W)	NWSW	25	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-0629	White River South PA "B" & Lease
4304735329	WRU EIH 13MU-25-8-22 (W)	SWSW	25	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-0629	White River South PA "B" & Lease
4304735120	WRU EIH 10MU-26-8-22 (W)	NWSE	26	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-0629	White River South PA "B" & Lease
4304735118	WRU EIH 1MU-26-8-22 (W)	NENE	26	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-0629	White River South PA "B" & Lease
4304735192	WRU EIH 2MU-26-8-22 (W)	NWNE	26	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-0629	White River South PA "B" & Lease
4304737465	WRU EIH 3D-ML-35-8-22 (ML)	SESW	35	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-0629	White River South PA "B" & Lease
4304735389	WRU EIH 3MU-25-8-22 (MU)	NENW	25	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-0629	White River South PA "B" & Lease
4304738636	WRU EIH 4AD-25-8-22 (W)	NWNW	25	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-0629	White River South PA "B" & Lease
4304735432	WRU EIH 5MU-25-8-22 (MU)	SWNW	25	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-0629	White River South PA "B" & Lease
4304735431	WRU EIH 6MU-25-8-22 (MU)	SESW	25	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-0629	White River South PA "B" & Lease
4304738637	WRU EIH 7AD-26-8-22 (M)	SWNE	26	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-0629	White River South PA "B" & Lease
4304735119	WRU EIH 7MU-26-8-22 (MU)	SENE	26	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-0629	White River South PA "B" & Lease
4304738649	WRU EIH 9CD-26-8-22 (W)	NESE	26	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-0629	White River South PA "B" & Lease
4304735388	WRU EIH 4MU-25-8-22 (MU)	NWNW	25	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-0629	White River South PA "B" & Lease
4304735191	WRU EIH 16MU-26-8-22 (W)	SESE	26	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-0629	White River South PA "B" & Lease
4304734836	WRU EIH 11MU-26-8-22 (W)	NESW	26	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-43916	White River South PA "B" & Lease
4304735425	WRU EIH 12ML-24-8-22 (W)	NWSW	24	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-43917	White River South PA "B" & Lease

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304735805	WRU EIH 11ML-24-8-22 (MU)	NWSW	24	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-43917	White River South PA "B" & Lease
4304735793	WRU EIH 13ML-24-8-22 (ML)	SESW	24	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-43917	White River South PA "B" & Lease
4304735426	WRU EIH 14ML-24-8-22 (ML)	SESW	24	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-43917	White River South PA "B" & Lease
4304735387	WRU EIH 15ML-23-8-22 (ML)	SWSE	23	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-43917	White River South PA "B" & Lease
4304735804	WRU EIH 16ML-23-8-22 (ML)	SWSE	23	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-43917	White River South PA "B" & Lease
4304735189	WRU EIH 9ML-23-8-22 (W)	NESE	23	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-43917	White River South PA "B" & Lease
4304735187	WRU EIH 10ML-23-8-22 (W)	NWSE	23	8S	22E	UINTAH	Unit # UTU 63021B & Lease # UTU-43917	White River South PA "B" & Lease
4304738994	WRU EIH 6D-5-8-23 (MV)	SENW	5	8S	23E	UINTAH	Unit # UTU 63021C	White River Unit PA"B"
4304733863	WV 10W-12-8-21	NWSE	12	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733795	WV 10W-13-8-21	NWSE	13	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734295	WV 10W-15-8-21	NWSE	15	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733991	WV 10W-18-8-22	NWSE	18	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733813	WV 10W-7-8-22	NWSE	7	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304738049	WV 11AD-14-8-21 (ML)	NWSE	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733535	WV 11W-12-8-21	NESE	12	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734277	WV 11W-14-8-21	NESE	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733626	WV 11W-18-8-22	NESE	18	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733495	WV 11W-7-8-22	NESE	7	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733295	WV 11W-8-8-22	NESE	8	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304731873	WV 121 (MV)	NWSW	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733961	WV 12W-13-8-21	NWSW	13	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733815	WV 12W-8-8-22	NWSW	8	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733054	WV 138 WG	SWNW	18	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304739039	WV 13A-15-8-21 (DK)	SWSW	15	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304739321	WV 13AD-8-8-22R (ML)	SWSW	8	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304737926	WV 13DML-10-8-21 (W)	SWSW	10	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304736305	WV 13MU-10-8-21 (MU)	SWSW	10	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733607	WV 13W-14-8-21	SWSW	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733538	WV 13W-18-8-22	SWSW	18	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733496	WV 13W-7-8-22	SWSW	7	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733070	WV 14 WG	SWSE	12	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733128	WV 146 WG	NWNW	19	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304737924	WV 14DML-12-8-21 (W)	SESW	12	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734280	WV 14M-11-8-21 (ML)	SESW	11	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304735879	WV 14MU-10-8-21 (W)	SESW	10	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733864	WV 14W-12-8-21	SESW	12	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733962	WV 14W-13-8-21	SESW	13	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304733995	WV 14W-18-8-22	SESW	18	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733816	WV 14W-7-8-22	SESW	7	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733963	WV 15W-14-8-21	SWSE	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733661	WV 15W-9-8-21	SWSE	9	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304738737	WV 16C-14-8-21 (W)	SESE	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734250	WV 16W-10-8-21	SESE	10	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733865	WV 16W-12-8-21	SESE	12	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733529	WV 16W-9-8-21	SESE	9	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733220	WV 1W-14-8-21	NENE	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733294	WV 1W-18-8-22	NENE	18	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733602	WV 1W-21-8-21	NENE	21	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733904	WV 1W-23-8-21	NENE	23	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733613	WV 1W-24-8-21	NENE	24	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733501	WV 1W-7-8-22	NENE	7	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733791	WV 2W-13-8-21	NWNE	13	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734140	WV 2W-14-8-21	NWNE	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733986	WV 2W-18-8-22	NWNE	18	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734141	WV 2W-21-8-21	NWNE	21	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734243	WV 2W-22-8-21	NWNE	22	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734468	WV 2W-8-8-22	NWNE	8	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304732831	WV 38 WG	SWNW	8	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734289	WV 3MU-15-8-21 (MU)	NENW	15	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733533	WV 3W-18-8-22	NENW	18	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734187	WV 3W-19-8-22	NENW	19	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734143	WV 3W-21-8-21	NENW	21	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733604	WV 3W-22-8-21	NENW	22	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733605	WV 3W-24-8-21	NENW	24	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733502	WV 3W-7-8-22	NENW	7	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733241	WV 46 WG	NESE	7	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304732832	WV 49 WG	SWSW	8	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304739041	WV 4BD-23-8-21 (W)	NWNW	23	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304737927	WV 4DML-15-8-21 (ML)	NWNW	15	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734291	WV 4MU-15-8-21 (MU)	NWNW	15	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733657	WV 4W-11-8-21	NWNW	11	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734144	WV 4W-13-8-21	NWNW	13	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734038	WV 4W-17-8-22	NWNW	17	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734145	WV 4W-21-8-21	NWNW	21	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304734188	WV 4W-23-8-21	NWNW	23	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734330	WV 4W-24-8-21	NWNW	24	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304732821	WV 54 WG	SWSE	7	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734293	WV 5MU-15-8-21 (W)	SWNW	15	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733221	WV 5W-13-8-21	SWNW	13	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733953	WV 5W-14-8-21	SWNW	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304738663	WV 6-24-8-21 (M)	SEW	24	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304732829	WV 69 WG	SWNE	18	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733906	WV 6W-11-8-21	SEW	11	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733792	WV 6W-13-8-21	SEW	13	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734294	WV 6W-15-8-21	SEW	15	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733842	WV 6W-18-8-22	SEW	18	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733828	WV 6W-7-8-22	SEW	7	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733843	WV 6WC-18-8-22	SEW	18	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733844	WV 6WD-18-8-22	SEW	18	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304739044	WV 7BD-23-8-21 (W)	SWNE	23	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733955	WV 7W-14-8-21	SWNE	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734246	WV 7W-15-8-21	SWNE	15	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733908	WV 7W-24-8-21	SWNE	24	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304739040	WV 8D-15-8-21 (DK)	SENE	15	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733862	WV 8W-12-8-21	SENE	12	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733793	WV 8W-13-8-21	SENE	13	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733958	WV 8W-14-8-21	SENE	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734247	WV 8W-15-8-21	SENE	15	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733989	WV 8W-18-8-22	SENE	18	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734340	WV 8W-24-8-21	SENE	24	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733534	WV 9W-12-8-21	NESE	12	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733269	WV 9W-14-8-21	NESE	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733959	WV 9W-15-8-21	NESE	15	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733910	WV 10W-11-8-21	NWSE	11	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734275	WV 10W-14-8-21	NWSE	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733911	WV 11W-15-8-21	NESW	15	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733808	WV 12W-7-8-22	NWSW	7	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733913	WV 13W-11-8-21	SWSW	11	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733537	WV 13W-12-8-21	SWSW	12	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734281	WV 14W-14-8-21	SESW	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734249	WV 14W-15-8-21	SESW	15	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304733916	WV 15W-10-8-21	SWSE	10	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733917	WV 15W-15-8-21	SWSE	15	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733817	WV 16W-7-8-22	SESE	7	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733531	WV 1W-12-8-21	NENE	12	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734242	WV 2W-15-8-21	NWNE	15	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733603	WV 3W-13-8-21	NENW	13	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734244	WV 4W-14-8-21	NWNW	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734146	WV 4W-22-8-21	NWNW	22	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733494	WV 5W-7-8-22	SWNW	7	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734271	WV 6W-14-8-21	SESW	14	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304734189	WV 6W-23-8-21	SESW	23	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733811	WV 6W-8-8-22	SESW	8	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733861	WV 7W-23-8-21	SWNE	23	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733812	WV 7W-8-8-22	SWNE	8	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733086	WV 81WG	SWNW	24	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733957	WV 8W-11-8-21	SENE	11	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304731820	WV 145	NWNW	18	8S	22E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304720205	WV 83 WG	NENW	23	8S	21E	UINTAH	Unit # UTU 63043E	Wonsits Valley PA "E" Gas
4304733914	WV 13W-15-8-21	SWSW	15	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304734251	WV 16W-15-8-21 (GR)	SESE	15	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304734564	WV 8W-22-8-21 (GR)	SENE	22	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304733536	WV 11W-13-8-21	NESW	13	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304733903	WV 1W-22-8-21 (GR)	NENE	22	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304730021	WV 103	NWNW	14	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304730023	WV 105	SESE	10	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304730045	WV 109	SENE	15	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304730046	WV 110	SESW	14	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304730048	WV 112	SESW	15	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304732461	WV 119	NWNW	21	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304730745	WV 124	NWSE	15	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304730798	WV 128	SESW	10	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304733660	WV 12G-10-8-21	NWSW	10	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304732307	WV 130	NWNW	22	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304730822	WV 132	NWSW	15	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304731706	WV 133	SESW	15	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304732016	WV 135-2	NENE	21	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River
4304731523	WV 137	SESW	11	8S	21E	UINTAH	Unit # UTU 63043O	Wonsits Valley PA "O" Green River

API Number	Well Name	Qtr/Qtr	Section	Township	Range	County	Lease or Unit #	Name of Unit or Lease
4304731807	WV 144	SENE	10	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304733662	WV 15G-9-8-21	SWSE	9	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304734283	WV 16G-14-8-21	SESE	14	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304733655	WV 2W-10-8-21 (GR)	NWNE	10	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304715471	WV 43	SWSW	11	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304715476	WV 48	SWNE	10	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304720003	WV 53	SWSE	10	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304720005	WV 55	SWNE	14	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304733860	WV 5W-23-8-21 (GR)	SWNW	23	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304720024	WV 62	SWSW	10	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304720041	WV 65	SWNW	15	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304733503	WV 7WRG-7-8-22 (GR)	SWNE	7	8S	22E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304734339	WV 8M-23-8-21 (MU)	SENE	23	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304730022	WV 104	NWNE	15	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304734142	WV 2W-23-8-21 (GR)	NWNE	23	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304715463	WV 35	NESW	14	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304720047	WV 68	NESE	15	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304732462	WV 120	NENW	22	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304730796	WV 126	NWNE	21	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304731707	WV 140	NWNW	15	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304731808	WV 143	NWSE	10	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304715447	WV 16	NENE	15	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304731524	WV 28-2	NESW	11	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304715460	WV 31	NENW	14	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304715464	WV 36	NESW	10	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304734596	WV 3G-8-8-22	NENW	8	8S	22E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304731798	WV 40-2	NESE	10	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304715469	WV 41	NENW	15	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304715477	WV 50	SWNE	15	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304720018	WV 59	SWNW	14	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304720019	WV 60	SWSE	15	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304720043	WV 67	NESW	15	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304732449	WV 71-2	SWSW	15	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River
4304730014	WV 97	NWSW	11	8S	21E	UINTAH	Unit # UTU 630430	Wonsits Valley PA "O" Green River



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region8>

OCT 04 2018

Ref: 8WP-SUI

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Worth Carlin
Vice President, Land
Middle Fork Energy Uinta, LLC
1430 Larimer Street, Suite 400
Denver, Colorado 80202

Re: Underground Injection Control
Minor Permit Modification
Ownership/Operator Transfer, 80 wells

Dear Mr. Carlin:

On September 17, 2018, the U.S. Environmental Protection Agency Region 8 Underground Injection Control program office received notice from QEP, with your concurrence, that the owner and operator of the 80 wells attached in Schedule A is changed from QEP Energy to Middle Fork Energy Uinta, LLC effective September 6, 2018. This action hereby names the following owner and operator as the Permittee for the named wells:

Middle Fork Energy Uinta, LLC
1430 Larimer Street, Suite 400
Denver, Colorado 80202

The EPA has reviewed the request and has determined that Minor Modifications of the Permits are required. Middle Fork Energy Uinta has met the financial responsibility requirements under Title 40 of the Code of Federal Regulations (40 CFR), Section 144.52(a)(7).

Pursuant to 40 CFR §144.41(d), the EPA hereby modifies the referenced Permits, reflecting that Middle Fork Energy Uinta is the Permittee.

Please note that the referenced EPA Permits remain fully effective and enforceable and all other provisions and conditions of the Permits remain as issued or modified. For further information, please contact Bruce Suchomel at suchomel.bruce@epa.gov or (303) 312-6001.

Sincerely,

A handwritten signature in black ink, appearing to read 'Darcy O'Connor', with a long horizontal flourish extending to the right.

Darcy O'Connor
Assistant Regional Administrator
Office of Water Protection

Enclosure

cc: Uintah & Ouray Business Committee:
Luke Duncan, Chairman
Tony Small, Vice-Chairman
Susan Chapoose, Executive Director

Antonio Pingree, Acting Superintendent
BIA – Uintah & Ouray Indian Agency

Bruce Pargeets, Energy & Minerals Director
Ute Indian Tribe

Sonja Willie, Natural Resources Director
Ute Indian Tribe

Dayne Doucet, Oil and Gas Permitting Manager
Utah Division of Oil, Gas and Mining

Jerry Kenczka
Assistant Field Manager for Lands & Minerals
BLM - Vernal Office

Julie Jacobson, Regulatory Manager
QEP Energy