

*Copy HHC*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 The Shamrock Oil and Gas Corporation

3. ADDRESS OF OPERATOR  
 870 First Security Building, Salt Lake City, Utah 84111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 2021' from the north line and 2092' from the west line  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH  
 5300'

20. ROTARY OR CABLE TOOLS  
 Rotary tools

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 not available

22. APPROX. DATE WORK WILL START\*

5. LEASE DESIGNATION AND SERIAL NO.  
 U-096550

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Walton Federal

9. WELL NO.  
 5

10. FIELD AND POOL, OR WILDCAT  
 Monument Butte Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 12, T9S, R16E, Salt Lake Meridian

12. COUNTY OR PARISH  
 Duchesne Co.

13. STATE  
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
	9-5/8" ✓	32# ✓	200' ✓	Cement to circulate ✓
	5 1/2" ✓	14-15.5# ✓	through all ✓	potential producing zones. ✓

Estimated Formation Tops:  
 Uinta surface  
 Green River 1485 ✓  
 Estimated total depth 5300 ✓

To test potential producing zones in the Green River Formation.

Verbal approval obtained from Mr. C. B. Feight, January 15, 1965.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE District Geologist DATE 1-15-65

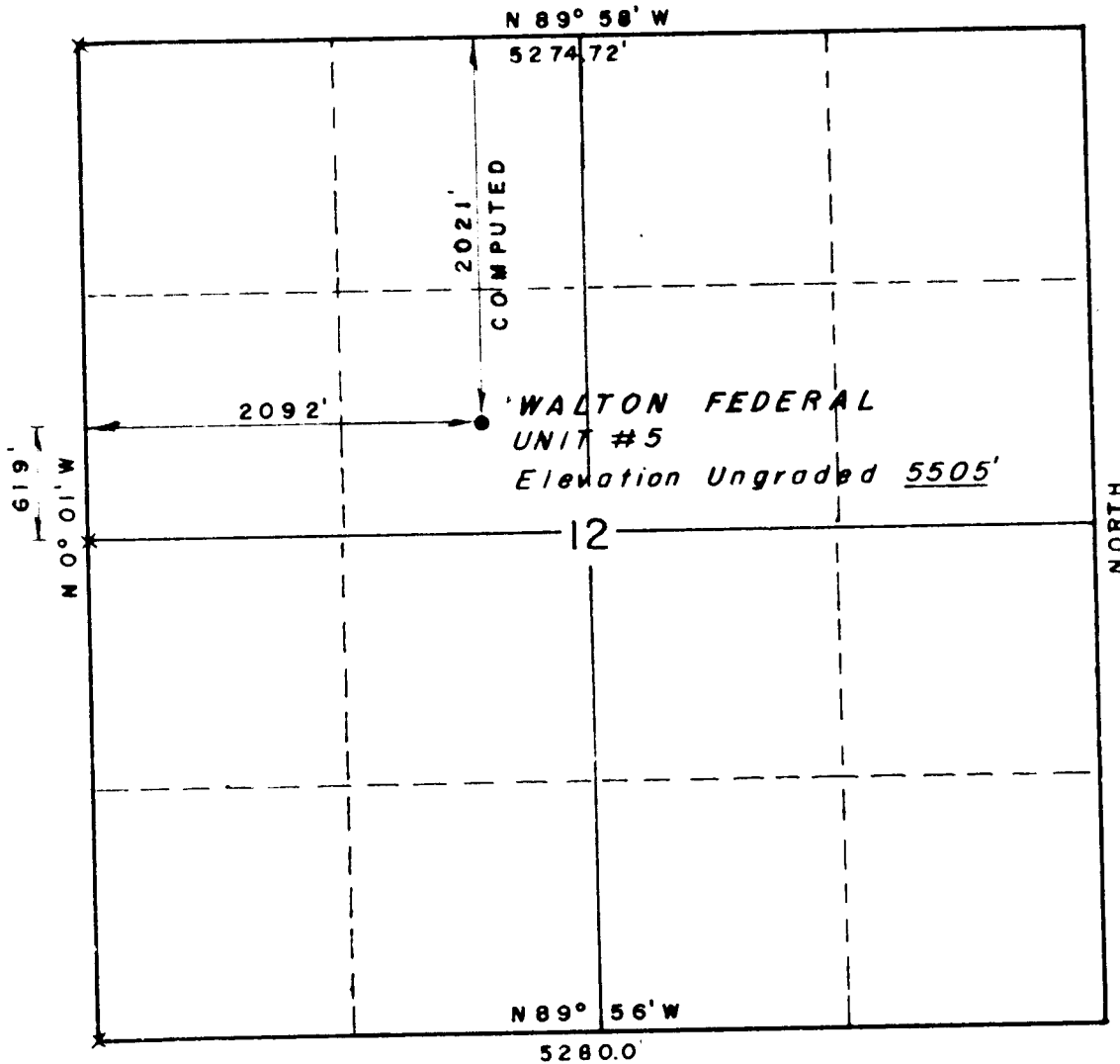
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

T 9 S, R 16 E, S L B & M



X = Corners Located (Brass Caps)

Scale: 1" = 1000'

This is to certify that the above plat was prepared from 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.

*Handwritten Signature*  
 Registered Professional Surveyor  
 State of Utah

AMERICAN ENGINEERING  
 & SURVEYING

N. J. Marshall  
 Wardell

Fog Cold

SURVEY  
 SHAMROCK OIL & GAS CORP.  
 WELL LOCATION LOCATED AS SHOWN IN  
 THE SE 1/4 NW 1/4 SEC. 12, T 9 S, R 16 E,  
 S L B & M, DUCHESNE COUNTY, UTAH

DATE 14 Jan 1965  
 REFERENCED GLO  
 Plat Approved  
 Sept. 23, 1911  
 S L B & M Shamrock



THE SHAMROCK OIL AND GAS CORPORATION

FIRST NATIONAL BANK BUILDING

BOX 631 - AMARILLO, TEXAS 79105

Salt Lake City, Utah 84111  
January 18, 1965

Reply to:  
Intermountain Exploration District  
First Security Bldg. Room 870  
Salt Lake City, Utah 84111

Utah Oil and Gas Conservation Commission  
348 East South Temple  
Salt Lake City, Utah

Gentlemen:

Enclosed is a copy of the survey plat for our Walton Federal No. 5 well, located 2,021 feet south of the north line and 2,092 feet east of the west line of Section 12, Township 9 South, Range 16 East, Duchesne County, Utah.

Very truly yours,

Ralph Thomas  
District Geologist

RT:ls

Enclosure

January 19, 1965

The Shamrock Oil and Gas Corporation  
870 First Security Building  
Salt Lake City, Utah 84111

Re: Notice of Intention to Drill Well No.  
WALTON FEDERAL #5, 2021' FWL & 2092'  
FWL, SE SE NW of Section 12, T. 9 S.,  
R. 16 E., Duchesne County, Utah.

Gentlemen:

This is to confirm verbal approval granted by Cleon B. Feight on January 15, 1965, for the above mentioned well.

As soon as you have determined that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer  
Office: DA 8-5771, DA 8-5772 or DA 8-5773  
Home: CR 7-2890 - Salt Lake City, Utah -

This approval terminates within 90 days if this well has not been spudded within said period.

Enclosed please find Form OGC-8-X, which is to be completed if water sands (aquifers) are encountered while drilling, particularly accessible near surface water sands. Your cooperation with respect to completing this form will be greatly appreciated.

Would you please send a letter to confirm the fact that you wish to have this well held Confidential.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT  
EXECUTIVE DIRECTOR

CBF:ech

cc: Rodney Smith, Dist. Eng., U. S. Geological Survey, Salt Lake City, Utah

Harvey L. Coates, Pet. Eng., Oil & Gas Conservation Commission, Moab, Utah



THE SHAMROCK OIL AND GAS CORPORATION

FIRST NATIONAL BANK BUILDING

BOX 631 - AMARILLO, TEXAS 79105

Salt Lake City, Utah 84111

January 21, 1965

Reply to:  
Intermountain Exploration District  
First Security Bldg. Room 870  
Salt Lake City, Utah 84111

Utah Oil and Gas Conservation Commission  
348 East South Temple  
Salt Lake City, Utah

Gentlemen:

Will you please hold confidential the information sent you on our Walton Federal No. 5 well, located 2,021 feet south of the north line and 2,092 feet east of the west line of Section 12, Township 9 South, Range 16 East, Duchesne County, Utah.

Very truly yours,

Ralph Thomas  
District Geologist

RT:ls

Sec. 12 9S  
SE NW

16E 5  
Walton Federal

Spud 1-22-65. Set 9-5/8" casing at 228' with 200 sx.  
Drilling at 3652' with gas.

**CONFIDENTIAL**

NOTE.—There were 40 (5,449.98 barrels) runs or sales of oil; no M cu. ft. of gas sold;  
no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Sec. 12  
SE NW

9S 16E 5  
Walton Federal

Drilled to TD 5300'. Set 5 1/2" casing at 5294 w/275 cubic feet pozmix. Perf w/ jets at 5180', 4872', 4864', 4792', and 4440'. Total of 15 1/2" holes. Broke perfs at 5180' w/250 gal 15% mud acid at 2200#. Broke perfs 4872 and 4864' with 250 gal 15% mud acid at 1900#. Broke perfs 4792' with 250 gal at 3000#. Broke perfs 4440' with 250 gal at 900#. Fraced by Halliburton with 1% galled acetic acid. Used 150 bbls pre flush, 30,000 gal with 40,000# 20-40 mesh sand, 10,000 gal with 2,000# 8-12 mesh glass beads. Flushed with 138 bbls. Treated at 2400# at 50 barrels per minute. ISIP 1800#. Flowed and swabbed. Waiting on pumping unit.

**CONFIDENTIAL**

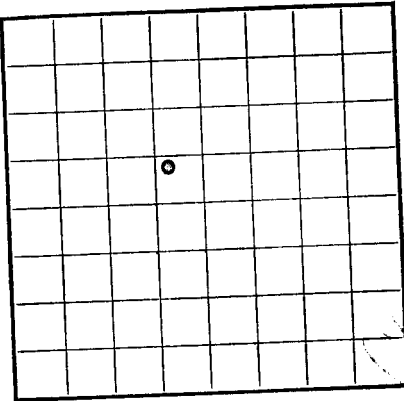
*Handwritten notes:*  
...  
...  
...  
...

NOTE.—There were 19 (3,048.14 barrels) runs or sales of oil; no M cu. ft. of gas sold; no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

*62119*

U. S. LAND OFFICE Utah  
SERIAL NUMBER U-096550  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Shamrock Oil and Gas Corporation Address Salt Lake City, Utah  
Lessor or Tract Walton Federal Field Monument Butte State Utah  
Well No. 5 Sec. 12 T. 9S R. 16E Meridian Salt Lake County Duchesne  
Location 2021 ft. [S.] of N Line and 2092 ft. [E.] of W Line of Section 12 Elevation 5515 KB  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.  
Signed Burke Isbell  
Title Geologist

Date March 11, 1965

The summary on this page is for the condition of the well at above date.

Commenced drilling January 22, 19 65 Finished drilling February 4, 19 65

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4230 to 4235 (G) No. 4, from 4844 to 4875  
No. 2, from 4436 to 4442 No. 5, from 5177 to 5190  
No. 3, from 4688 to 4702 No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1, from None to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From-	To-	
<u>9-5/8</u>	<u>35.30</u>	<u>55</u>	<u>5291</u>	<u>215.90</u>			<u>5160</u>	<u>4874</u>	<u>surface production</u>
<u>5 1/2</u>	<u>15.50</u>	<u>55</u>					<u>4864</u>	<u>4792</u>	<u>4140</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9-5/8</u>	<u>228</u>	<u>200</u>			
<u>5 1/2</u>	<u>5294</u>	<u>275 cubic feet</u>			

MARK



Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
 Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

**SHOOTING RECORD**

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

**TOOLS USED**

Rotary tools were used from \_\_\_\_\_ 0 \_\_\_\_\_ feet to \_\_\_\_\_ 5300 \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

\_\_\_\_\_, 19\_\_\_\_ Put to producing \_\_\_\_\_ 3-4 \_\_\_\_\_, 19\_\_\_\_ 65

The production for the first 24 hours was \_\_\_\_\_ 106 \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_ 94 \_\_\_\_\_% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_ 6 \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. \_\_\_\_\_ 30.5° @ 60°

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. \_\_\_\_\_

**EMPLOYEES**

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
 \_\_\_\_\_, Driller \_\_\_\_\_, Driller

**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
0	1550	1550	sh, sd, ls
1550	3115	1565	oil sh, sd
3115	3880	765	ls, dolo sh, sd
3880	5300	1420	sh, sd
			<u>Formation Tops</u>
			Green River 1152
			Basal Green River 3880
			Douglas Creek 4674

W-538K

WELL NO.	SECTION	TOWNSHIP	RANGE	COUNTY	STATE

WELLS AND OPERATING RECORD

HISTORY OF OIL OR GAS WELL

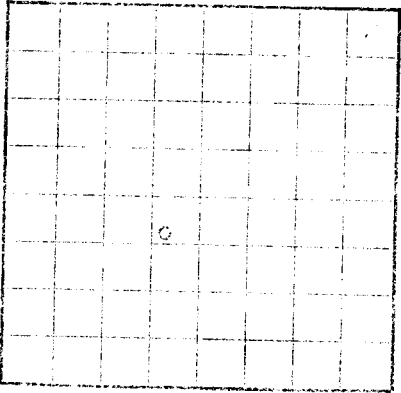
16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Spud 1-22-65. Drilled to 235'. Set 9-5/8" casing at 228' with 200 sx.  
 No cores or tests. TD 5300'. Set 5 1/2" casing at 5294' with 275 cubic ft pozmix.  
 Perfs w/tri-jets (three 1/2" holes) at 5180, 4872, 4864, 4792, and 4440.  
 Broke perfs at 5180' with 250 gal 15% mud acid at 2200#.  
 Broke perfs 4872 and 4864 with 250 gal 15% mud acid at 1900#.  
 Broke perfs 4792 with 250 gal mud acid at 3000#.  
 Broke perfs 4440 with 250 gal mud acid at 900#.  
 Fraced by Halliburton with 1% gelled acetic acid. Used 150 bbls pre-flush,  
 30,000 gal with 40,000# 20-40 mesh sd; 2,000 gal with 2,000# 8-12 mesh glass  
 beads. Flushed with 133 bbls. Treated at 2400# at 50 BPM. Flowed and swabbed.  
 Put on pump.  
 Completion Report: During 24 hr test, well made 100 BO, 6.67 BW. Gas gg 25  
 MCF. CP 90#. Complete 3-5-85.

Commenced drilling \_\_\_\_\_  
 Date \_\_\_\_\_  
 The information given hereon is a complete and correct record of the well and all work done thereon  
 Location \_\_\_\_\_  
 Well No. \_\_\_\_\_  
 Owner or Lessee \_\_\_\_\_  
 Company \_\_\_\_\_

FOCALTE WELT CORRECTIGA



LOC OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

Form No. 1 (Rev. 1-1-64)  
 U.S. GEOLOGICAL SURVEY  
 DEPARTMENT OF THE INTERIOR  
 WASHINGTON, D.C. 20548

STATE OF UTAH  
 OIL & GAS CONSERVATION COMMISSION  
 348 EAST SOUTH TEMPLE  
 SUITE 301  
 SALT LAKE CITY, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: Walton Federal No. 5

Operator The Shamrock Oil and Gas Corp. Address Salt Lake City Phone 328-0165

Contractor Miracle and Wooster Address Vernal Phone 789-2661

Location SE 1/4 NW 1/4 Sec. 12 T. 9 N R. 16 E Duchesne County, Utah.

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
<u>From</u>	<u>To</u>	<u>Flow Rate or Head</u>	<u>Fresh or Salty</u>
1.	<u>None - drilled with air</u>		
2.			
3.			
4.			
5.			

(Continued on reverse side if necessary)

Formation Tops: Green River 1152  
 Basal Green River 3880  
 Douglas Creek 4674

Remarks: Drilled with air; hole making 15-20 barrels water per hour from ALL sands.

NOTE: (a) Upon diminishing supply of forms, please inform the Commission  
 (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See back of form)

**Drillers Log: (Continued)**

0 - 1550	sh, sd, ls
1550 - 3115	oil sh, sd
3115 - 3880	ls, dolo sh, sd
3880 - 5300	sh & sd

**Rule C-20 REPORTING OF FRESH WATER SANDS**

It shall be the duty of any person, operator or contractor drilling an oil or gas well or drilling a seismic, core or other exploratory hole to report to the Commission all fresh water sands encountered; such report shall be in writing and give the location of the well or hole, the depth at which the sands were encountered, and the thickness of such sands, and the rate of flow of water if known.

Form 100-100-100

Form 100-100-100

NOTE: (a) Upon completion of the well, the operator shall file a copy of this report with the Commission. (b) The Commission may require the operator to file a copy of this report with the local health department.

APR 12 1965

Well 5 - NW1/4 sec. 13, T. 9 S., R. 16 E., Utah 017905

The miscellaneous debris and equipment around this location should be cleaned up.

Monument Butte Field

Well 4 - SE1/4 sec. 11, T. 9 S., R. 16 E., Utah 096550

The drilling pit should be fenced or backfilled and levelled. The waste pit at this location is not fenced; however, it has no fluid in it at this time and probably doesn't need fenced until such time as there is fluid in the pit.

Well 3 - NW1/4 sec. 14, T. 9 S., R. 16 E., Utah 096547

The remains of the burned truck adjacent to this well location should be cleaned up by burying or removing from the field.

Well 2 - NW1/4 sec. 11, T. 9 S., R. 16 E., Utah 096547

A well sign that completely and correctly identifies this well should be erected. If there was one previously, it has disappeared or at least it was not posted in a conspicuous place. The well head is leaking a small amount of gas which should be stopped.

Well 5 - SE1/4 sec. 12, T. 9 S., R. 16 E., Utah 096550

In order not to allow waste fluids to drain all over the area, you should repair your drainage ditch to the waste pit so that there would be no possibility of the waste fluids from the battery escaping from the ditch and spilling all over the area, and the waste pit should be fenced. Also, the next time you have a "cat" in the field the pit area could use additional levelling.

Undesignated Field

Well 1, SW1/4 sec. 9, T. 9 S., R. 19 E., Utah 050149

You should erect a well sign which completely and correctly identifies this well; fence the waste pit; backfill the pit and clean and level the location.

**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 DIAMOND  
DIAMOND CHEMICAL COMPANY (formerly SHAMROCK)

3. ADDRESS OF OPERATOR  
P.O. Drawer 'E', Vernal, Utah 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: as attached  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE U-096550

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
WALTON FEDERAL

9. WELL NO.  
as attached

10. FIELD OR WILDCAT NAME  
MONUMENT BUTTE FIELD

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

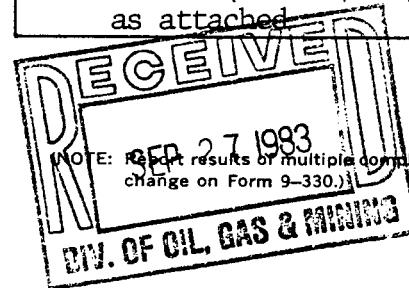
12. COUNTY OR PARISH DUCHESNE 13. STATE UTAH

14. API NO.  
as attached

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
as attached

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 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) <u>lay surface gas lines</u>	<input checked="" type="checkbox"/>		<input type="checkbox"/>



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.)\*

DIAMOND CHEMICAL COMPANY respectfully requests permission to lay a surface gas gathering system and a dry gas fuel distribution system on federal lease# U-096550. The gas gathering system will be 2" durable plastic pipe and the dry gas distribution system will be 1" durable plastic pipe. These lines will be laid together as on the attached topo map and will follow existing lease and access roads wherever practical. Road crossings will be cased in steel pipe and buried.

The laying of the gas gathering system will allow DIAMOND CHEMICAL to sell approximately 50 MCF/day. The laying of the dry gas system will allow DIAMOND CHEMICAL to sharply reduce the amount of downtime caused by the condensation of liquids in the fuel gas lines on individual locations.

The laying of these gas lines will not create a surface disturbance.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

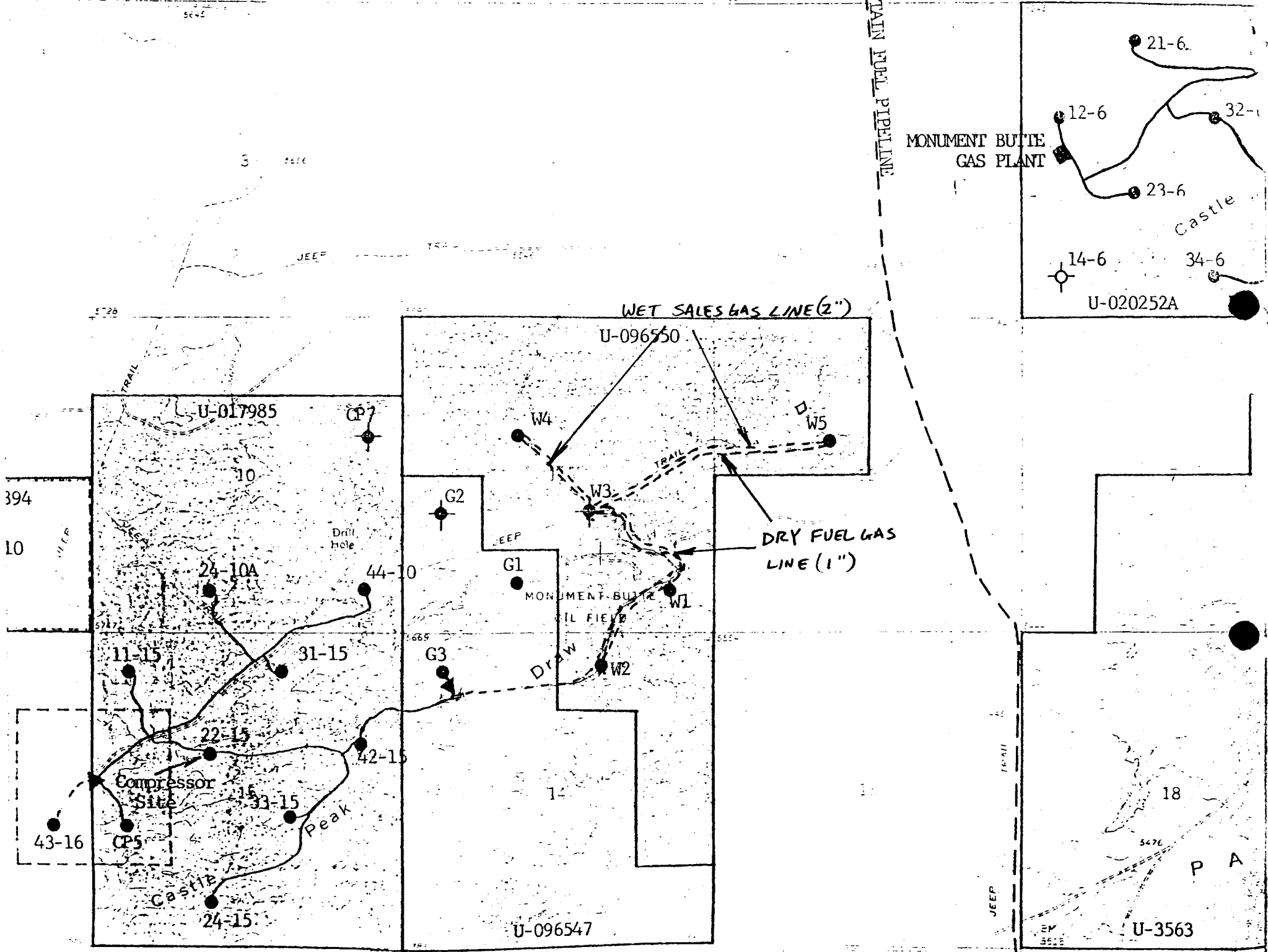
SIGNED Jedi H. Ronk TITLE Production Engineer DATE 9-12-83

(This space for Federal or State Use Only)

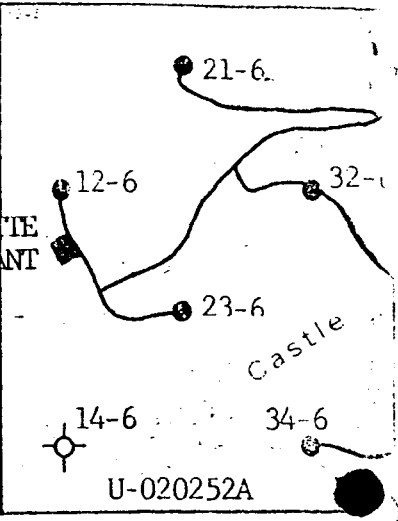
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**  
DATE: 9/15/83  
BY: [Signature]



MONUMENT BUTTE  
GAS PLANT



MOUNTAIN FUEL PIPELINE

JEEP TRAIL

P A

U-3563

WET SALES GAS LINE (2")

DRY FUEL GAS  
LINE (1")

U-096547

U-017985

U-096550

394

10

43-16

11-15

22-15

24-15

24-10A

31-15

33-15

42-15

44-10

Drill hole

Compressor  
Site

Peak

MONUMENT BUTTE  
OIL FIELD

Draw

14

G2

G1

G3

CP7

TRAIL

JEEP

TRAIL

TRAIL

JEEP

EM  
5528

FEDERAL LEASE #U-096550

<u>Well Name</u>	<u>Location</u>	<u>API Number</u>	<u>Elevation</u>
Walton Federal #1	706' FSL, 704' FEL, Sec 11, T9S, R16E	43-013-15792	5501' GL
Walton Federal #2	542' FNL, 1869' FEL, Sec 14, T9S, R16E	43-013-15793	5546' GL
Walton Federal #4	1980' FNL, 1975' FWL, Sec 11, T9S, R16E	43-013-15795	5605' GL
Walton Federal #5	2021' FNL, 2092' FWL, Sec 12, T9S, R16E	43-013-15796	5503' GL



DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Expires August 31, 1985

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.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Monument Butte Gathering System		5. LEASE DESIGNATION AND SERIAL NO. See Attachments
2. NAME OF OPERATOR DIAMOND SHAMROCK EXPLORATION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. DRAWER "E", VERNAL, UTAH 84078		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface N/A		8. FARM OR LEASE NAME
14. PERMIT NO.		9. WELL NO.
15. ELEVATIONS (Show whether DP, RT, OR, etc.)		10. FIELD AND POOL, OR WILDCAT Monument Butte Field
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

DEC 21 1984  
DIVISION OF OIL, GAS & MINING

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) Request for emergency pits <input checked="" type="checkbox"/>	

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(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.)\*

DIAMOND SHAMROCK EXPLORATION COMPANY is requesting permission to install nine emergency pits for use in our Monument Butte Gathering System. Due to the cooler weather, gas line freeze ups are a greater possibility because of the water condensation taking place in the gas lines. If a line freeze up occurs the excess liquid present in the line can be drained off into the pit to reduce the possibility of breakage.

All of the emergency pits are located where the most frequent water accumulation occurs in the surface gas lines.

Each of these pits will be fenced and the approximate dimensions will be 6' x 6' x 4'.

If an emergency occurs where use of these pits are required, the BLM will be notified and the liquid will be removed with 48 hrs.

ACCEPTED  
APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 1/2/85  
BY: John R. Base

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

SIGNED Rob Michelotti TITLE Production Engineer DATE 12-19-84  
Rob Michelotti

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action is required before commencing operations.

\*See Instructions on Reverse Side

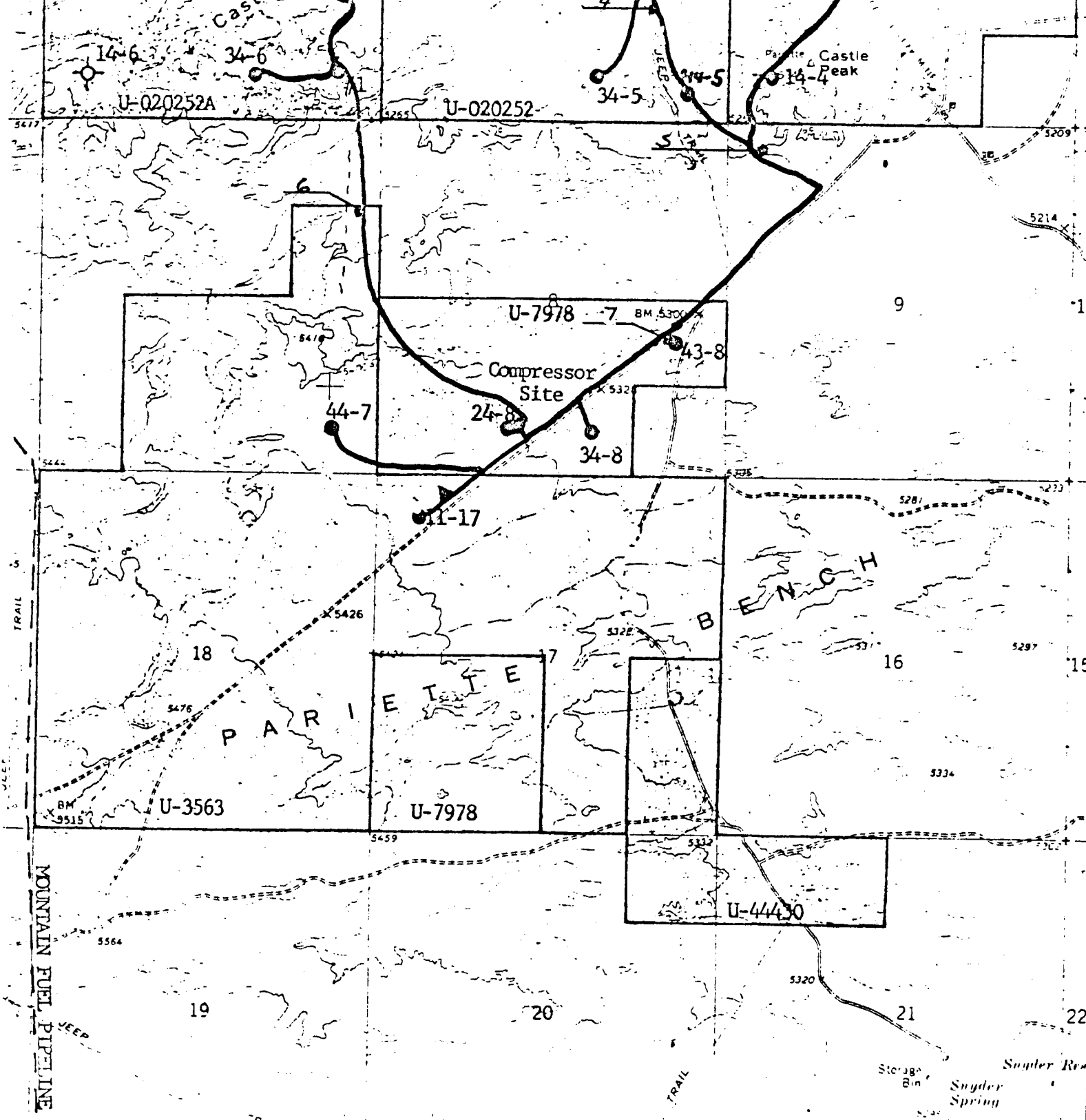
EMERGENCY PIT NO.	LOCATION (REFER TO MAPS)
1. 2. 3.	Monument Butte Gas Plant Lease # U-020252A Sec. 6, T9S, R17E
4.	SW Corner of Allen Federal 43-5 Lease #U-020252 NE $\frac{1}{2}$ SE $\frac{1}{2}$ Sec. 5, T9S, R17E
5.	(Within the pipeline right-of-way) Lease # 5750 NW $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 9, T9S, R17E
6.	NW Corner of Paiute Federal 24-8 Lease # U-7978 SE $\frac{1}{2}$ NE $\frac{1}{2}$ Sec. 7, T9S, R17E
7.	On Paiute Federal 43-8 location Lease #U-7978 NE $\frac{1}{2}$ SE $\frac{1}{2}$ Sec. 8, T9S, R17E
8.	On Allen Federal 43-7 Location U-020252A NE $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 6, T9S, R17E
9.	On Walton Federal #5 Location Lease #U-096550 SE $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 12, T9S, R16E

EMERGENCY PIT #	EMERGENCY PIT USE
1.	Gas Plant Chemsweet Tower
2.	Gas Plant High Pressure Wet Gas Line
3.	Gas Plant Separator
4.	Low Pressure Wet Gas Line
5.	Low Pressure Wet Gas Line
6.	High Pressure Wet Gas Line
7.	Low Pressure Wet Gas Line
8.	High Pressure Wet Gas Line
9.	High Pressure Wet Gas Line

MONUMENT BUTTE FIELD  
GAS GATHERING SYSTEM

Existing Line

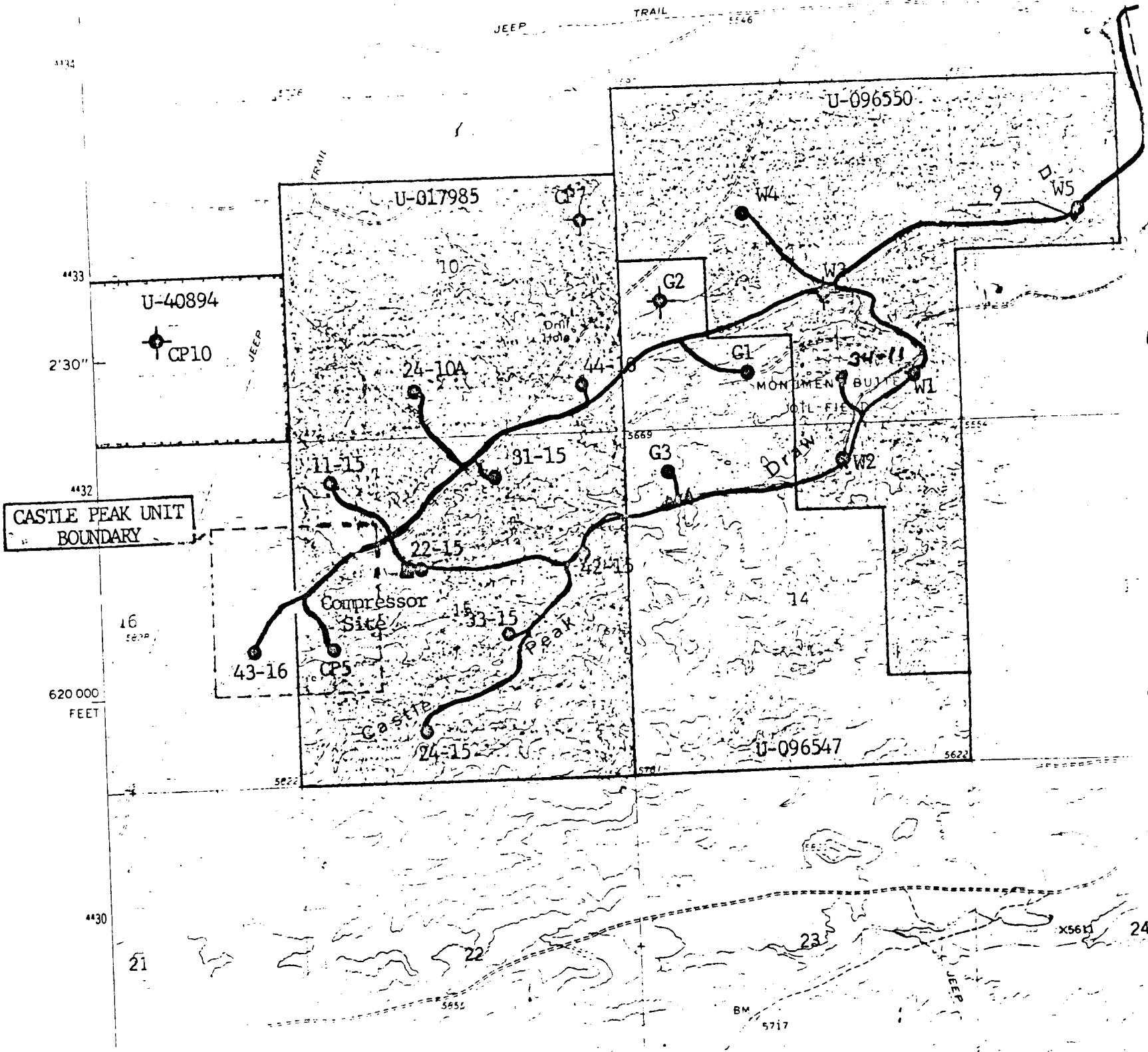
● - emergency pit location (proposed)



MOUNTAIN FUEL PIPELINE

Storage Bin  
Snyder Spring

Snyder Res





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-096550

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
WALTON FEDERAL

9. WELL NO.  
5

10. FIELD AND POOL, OR WILDCAT  
MONUMENT BUTTE

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

SEC. 12, T9S, R16E

12. COUNTY OR PARISH 13. STATE  
DUCHESNE UTAH

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.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
DIAMOND SHAMROCK EXPLORATION CO.

3. ADDRESS OF OPERATOR  
P. O. DRAWER "E", VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
2021' FNL & 2092' FWL

14. PERMIT NO.  
43-013-15796

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5503' GR

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)

PULL OR ALTER CASING   
MULTIPLE COMPLETION   
ABANDON\*   
CHANGE PLANS

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.)\*

DIAMOND SHAMROCK EXPLORATION COMPANY REQUESTS PERMISSION TO PERFORATE AND FRACTURE TREAT AN APPARENTLY OIL PRODUCTIVE ZONE IN THE WALTON FEDERAL #5 AS FOLLOWS:

1. Pull out of hole with rods and tubing.
2. Perforate new zone at 4849-4851'.
3. Set packer at 4900' ± KB, breakdown zone and fracture treat.
4. Swab/pump test zone.
5. Return the well to pumping operations.

THE OPENING OF THIS NEW ZONE WILL ALLOW OPERATIONS TO CONTINUE FOR THIS marginally ECONOMIC WELL.

ACCEPTED  
APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 2/5/85  
BY: John R. Bona

Federal approval of this action is required before commencing operations.

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

SIGNED: Rob Michelotti TITLE: PRODUCTION ENGINEER DATE: 1-28-85  
ROB MICHELOTTI  
(This space for Federal or State office use)

APPROVED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

6

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESRV.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
DIAMOND SHAMROCK EXPLORATION COMPANY

3. ADDRESS OF OPERATOR  
P. O. DRAWER 'E', VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 2021' FNL & 2092' FWL

At top prod. interval reported below SAME  
At total depth SAME

SE NW

14. PERMIT NO. 43-013-15796 DATE ISSUED N/A

5. LEASE DESIGNATION AND SERIAL NO.  
U-096550

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
WALTON FEDERAL

9. WELL NO.  
#5

10. FIELD AND POOL, OR WILDCAT  
MONUMENT BUTTE FIELD

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA  
SECTION 12, T9S, R16E

12. COUNTY OR PARISH DUCHESNE 13. STATE UTAH

15. DATE SPUDDED 1-23-65 16. DATE T.D. REACHED 2-5-65 17. DATE COMPL. (Ready to prod.) 2-15-85 18. ELEVATIONS (DP, RKB, RT, GR, ETC.)\* 5503' GR 19. ELEV. CASINGHEAD 5507' GR

20. TOTAL DEPTH, MD & TVD 5300' TD 21. PLUG, BACK T.D., MD & TVD 5235' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY → ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 4849-4851' Green River 25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN None 27. WAS WELL CORRED

CASING RECORD (Report all strings set in well)

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	29.3#	228'	12 3/4"	200 sx	None
5 1/2"	15.5#	5294'	7 7/8"	327 sx	None

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	4985'	None

31. PERFORATION RECORD (Interval, size and number)  
New Zone 4849-4851' 2 spf 4 holes  
Reperforate existing zones:  
4862-4868 2 spf 12 holes  
4870-4874 2 spf 8 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4849-51'	27,000 gal versagel 1500
4862-68'	42,000# 20/40 sd & 12,000#
4870-74'	12/20 sand

33. PRODUCTION

DATE FIRST PRODUCTION 2-15-85		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 2 x 1 1/2 x 16' RWBC				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 3-1-85	HOURS TESTED 24	CHOKE SIZE None	PROD'N. FOR TEST PERIOD →	OIL—BBL. 3	GAS—MCF. 10	WATER—BBL. 1	GAS-OIL RATIO 3333:1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL. 3	GAS—MCF. 10	WATER—BBL. 1	OIL GRAVITY-API (CORR.) 30.8 @ 60°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold and used for fuel TEST WITNESSED BY Joe Bowden

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED Rob Michelotti TITLE: Production Engineer DATE 3-28-85

\*(See Instructions and Spaces for Additional Data on Reverse Side)



Maxus Energy Corporation  
LTV Center  
2001 Ross Avenue  
Dallas, Texas 75201  
214 979-2800

RECEIVED  
JUN 05 1987

060810

DIVISION OF  
OIL, GAS & MINING

June 2, 1987

**MAXUS**

Utah Division of Oil, Gas & Mining  
Attn: Norm Stout  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Dear Mr. Stout,

Regarding your request for information concerning the change of name of our company from Diamond Shamrock Exploration, to Maxus Exploration Company:

1. New replacement bond is being taken care of by Sherry Neally (214) 953-2858, and will be mailed to you shortly by Judy Tate (806) 378-3876.
2. Contact names will remain the same - Kaleb Leake (307) 266-1882, Maxus Exploration Company, P.O. Box 2530, Mills, WY 82644, for drilling and permitting; Pat Cote (214) 979-2822, at the letterhead address, for production and disposition reporting.
3. I am enclosing a copy of our most recent production report. This is a complete list of all wells to be affected by the name change.
4. The name change is effective 4-28-87. All name change notices are being handled by Dick Smith in our Legal Department (214) 953-2979. He assures us that the notices will be sent out in a few days.
5. There are no changes in the division of interest on any of the attached wells, therefore all entity numbers will remain the same.

Thank you for your patience in this matter, and please contact me if there is any other information needed.

Sincerely,

*Pat Cote*

Pat Cote  
Production Clerk, Oil Revenue  
Maxus Exploration  
(214) 979-2822



355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut  
84180-1203. (801-538-5340)

# MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• DIAMOND SHAMROCK EXPL.  
 2001 ROSS AVE #1500  
 DALLAS TX 75201  
 ATTN: PAT COTE

RECEIVED  
 JUN 05 1987  
 DIVISION OF  
 OIL, GAS & MINING

Utah Account No. NO340

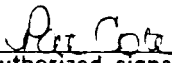
Report Period (Month/Year) 4 / 87

Amended Report

Well Name API Number	Entity	Location	Producing Zone	Days Oper	Production Volume		
					Oil (BBL)	Gas (MSCF)	Water (BBL)
X PAIUTE FED 14-4 4301330671	01215 09S 17E 4		GRRV	30	357	889	5
X PAIUTE FED 24-8 4301330675	01220 09S 17E 8		GRRV	30	531	2083	-0-
X UTE 1-33B6 4301330441	01230 02S 06W 33		WSTC	26	1304	1177	2264
X UTE 1-8C6 4301330387	01235 03S 06W 8		WSTC	-0-	-0-	-0-	-0-
X WALTON FED. #1 4301315792	01240 09S 16E 11		GRRV	26	130	1038	-0-
X WALTON FED. #2 4301315793	01240 09S 16E 14		GRRV	-0-	-0-	-0-	-0-
X WALTON FED #4 4301315795	01240 09S 16E 11		GRRV	30	68	203	-0-
X WALTON FED #5 4301315796	01240 09S 16E 12		GRRV	-0-	-0-	-0-	-0-
X WALTON FED. #34-11 4301331003	01240 09S 16E 11		GRRV	30	282	764	-0-
X GOATES FED. #1 4301315789	01245 09S 16E 11		GRRV	30	115	60	-0-
X GOATES FED #3 4301315791	01245 09S 16E 14		GRRV	30	114	60	-0-
X GULF UTE 1-17B2 4301330440	01250 02S 02W 17		WSTC	30	1263	2245	1873
X GULF-UTE 1-16 4301330061	01255 02S 02W 16		GRRV	-0-	-0-	-0-	-0-
<b>TOTAL</b>					4164	8519	4142

Comments (attach separate sheet if necessary) \_\_\_\_\_

I have reviewed this report and certify the information to be accurate and complete. Date 6-2-87

  
 Authorized signature \_\_\_\_\_ Telephone (214) 979-2822

COMPANY: MAXUS EXPLORATION CO UT ACCOUNT # \_\_\_\_\_ SUSPENSE DATE: 6-10-87  
(FORMERLY DIAMOND SHAMROCK EXPLORATION CO)

TELEPHONE CONTACT DOCUMENTATION

CONTACT NAME: PAT COTE (PAT PRONOUNCES HER NAME "COATEE")

CONTACT TELEPHONE NO.: (214) 777-2822

SUBJECT: OPERATOR CHANGE - DIAMOND SHAMROCK EXPLORATION CO TO MAXUS ENPL CO.

(Use attachments if necessary)

RESULTS: PAT SAID SHE WOULD PROVIDE: LTR OF EXPLANATION FOR 1) EFFECTIVE DATE,  
2) BONDING, 3) ENTITY REVIEW, 4) WELLS IN QUESTION, 5) ADDRESS & TEL  
FOR BOTH DRILLING AND PRODUCTION CONTACT PEOPLE,

SHE WILL USE GOAT A SUPPLEMENTED COPY OF TAD TO IDENTIFY ALL  
WELLS, INCLUDING DRILLING AND INJECTION

(Use attachments if necessary)

CONTACTED BY: [Signature]

DATE: 6-2-87

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

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.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-096550 <span style="float: right;">POW</span>
2. NAME OF OPERATOR MAXUS EXPLORATION COMPANY (FORMERLY DIAMOND SHAMROCK EXPLORATION)		6. IF INDIAN, ALLOTTEE OR TRIBE NAME  072810
3. ADDRESS OF OPERATOR P. O. BOX 1669, VERNAL, UTAH 84078		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface Sections 11, 12 and 14, T9S, R16E		8. FARM OR LEASE NAME WALTON FEDERAL
14. PERMIT NO. <del>778</del> 43-013-15796		9. WELL NO. #1, #2, #4, #5 #34-11
15. ELEVATIONS (Show whether DF, RT, GR, etc.) N/A		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE FIELD
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 11, 12 & 14, T9S, R16E
		12. COUNTY OR PARISH DUCHESNE
		13. STATE UTAH

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	

(Other) REQUEST FOR OFF-LEASE METERING  (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.)\*

MAXUS EXPLORATION COMPANY respectfully requests approval from the BLM to install off-lease orifice metering readings for the subject wells in the sections 11, 12 and 14, lease #U-096550. The orifice meter would be installed on the Castle Peak Federal #22-15 wellsite location in lease #U-017985, which is the compressor site. After the testing of Lease ML 16532 and U-017985 Castle Peak Participating Area "C" in their initial three month calibration test, the orifice meter will be used to calibrate the wells in lease U-096550 for a three month period. They will be calibrated on a quarter year basis thereafter.

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

SIGNED Russ Ivie TITLE District Superintendent DATE 7-15-87  
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

(Other instructions on reverse side)

Expires August 31, 1985  
5. LEASE DESIGNATION AND SERIAL NO.

U-096550

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.)

RECEIVED  
MAY 20 1988

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR MAXUS EXPLORATION COMPANY		8. FARM OR LEASE NAME Walton Federal
3. ADDRESS OF OPERATOR P. O. BOX 1669, VERNAL, UTAH 84078		9. WELL NO. #5
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface  2021' FNL & 2092' FWL		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE
14. PERMIT NO. 43-013-15796	15. ELEVATIONS (Show whether DF, BT, CR, etc.) 5503' GR	11. SEC., T., R., M., OR B.L.E. AND SURVEY OR AREA Sec. 12, T9S, R16E
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONMENT*
REPAIR WELL	CHANGE PLANS	(Other)	
(Other) TEMPORARILY ABANDON	X		

(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 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.)

MAXUS EXPLORATION COMPANY requests permission to temporarily abandon the Walton Federal #5 well. Present economic conditions do not warrant this well to operate profitably. If the economics change in the next 12 months to where a recovery process or production appears profitable the BLM will be notified at such time.

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

SIGNED Jim Hendricks TITLE Production Engineer DATE 5-18-88

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

**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.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-096550
2. NAME OF OPERATOR MAXUS EXPLORATION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. BOX 1669, VERNAL, UTAH 84078		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2021' FNL & 2092' FWL		8. FARM OR LEASE NAME WALTON FEDERAL
14. PERMIT NO. 43-013-15796		9. WELL NO. #5
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5503' GR		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 12, T9S, R16E
		12. COUNTY OR PARISH DUCHEсне
		13. STATE UTAH

RECEIVED  
AUG 14 1989  
DIVISION OF  
OIL, GAS & MINING

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <b>TEMPORARILY ABANDON</b>	<b>X</b>		

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.)

MAXUS EXPLORATION COMPANY wishes to retain the temporary abandonment status of this well since it is still economically unfeasible to operate the Walton Federal #5. Should the economics change in the next twelve month period, and a recovery process be profitable, Maxus will notify the BLM.

OIL AND GAS	
DRN	R/F
✓ JRB ✓	GLH
DTS	SLS
2-TAS	
3- MICROFILM ✓	
4- FILE ✓	

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

SIGNED

James Hendricks

TITLE

District Engineer

DATE

8-8-89

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions on Reverse Side

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
 (Other instructions on reverse side)

Budget Bureau No. 1004-0135  
 Expires August 31, 1985

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.)

RECEIVED  
 MAY 30 1990  
 OIL, GAS & MINING

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR MAXUS EXPLORATION COMPANY		8. FARM OR LEASE NAME WALTON FEDERAL
3. ADDRESS OF OPERATOR P. O. BOX 1669, VERNAL, UTAH 84078		9. WELL NO. #5
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2021' FNL & 2092' FWL		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE
11. PERMIT NO. 43-013-15796		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 12, T9S, R16E
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5503' GR		12. COUNTY OR PARISH 13. STATE DUCHESSNE UTAH

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANE	<input type="checkbox"/>	(Other)	<input type="checkbox"/>		

(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.)\*

CASING: 9 5/8", 32.30#, H-40, surface casing set @ 228' in 12 1/4" hole. Cemented to surface w/200 sx.  
 5 1/2", 15.5#, K-55, production casing set @ 5294' in 7 7/8" hole. Cemented w/327 sx.

CEMENT TOP: 3820' (Schlumberger cement bond log)

PERFORATIONS: 5180' (3 spf)  
 4872' (3 spf)  
 4864' (3 spf)  
 4849-4851' (3 spf)  
 4792' (3 spf)  
 4440' (3 spf)

TD: 5235'

FORMATION TOPS:

Green River	1049'	Douglas Creek Unit C
Top Oil Shale	1474'	Upper D
Horse Bench	2114'	Lower D
Base Oil Shale	2998'	Upper Black Shale
Garden Gulch	3555'	
Douglas Creek Unit A	4572'	
Unit B	4652'	

OIL LOG	
1-JOB ✓	CLH
DTG	SLS
2-TAS ✓	
3-MICROPRM ✓	4808'
	5009'
4-FIL	5131'
	5243'

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

SIGNED: Rodney Brewer TITLE: PRODUCTION ENGINEER DATE: 5-25-90  
 RODNEY BREWER

APPROVED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action is required before commencing operations.

ACCEPTED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING

DATE: 6-11-90  
[Signature]

\*See Instructions on Reverse Side

(November 1983)  
(Formerly 9-331)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Project Bureau Form 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-096550

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

WALTON FEDERAL

9. WELL NO.

#5

10. FIELD AND POOL, OR WILDCAT

MONUMENT BUTTE

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

SEC. 12, T9S, R16E

12. COUNTY OR PARISH 13. STATE

DUCHESNE

UTAH

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.)

OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

MAXUS EXPLORATION COMPANY

3. ADDRESS OF OPERATOR

P. O. BOX 1669, VERNAL, UTAH 84078

1. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface

2021' FNL & 2092' FWL

14. PERMIT NO.

43-013-15793 PA

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

5503' GR

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 COMPLETION

ABANDON\*

CHANGE PLANE

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 Reconpletion 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.)\*

1. Set 5 1/2" CIBP @ 4375' with tbg and pumped 10 sx of premium-plus AG cement (84' plug).
2. Perforated 5 1/2" casing @ 2990' and establish circulation to surface.
3. Pumped 125 sx of premium-plus AG cement to cover 390' in 5 1/2" x 7 7/8" annulus and 390' in 5 1/2" casing (391' plug).
4. Perforated 5 1/2" casing @ 565' and establish circulation to surface.
5. Pumped 30 sx of premium-plus AG cement to cover 100' in 5 1/2" x 7 7/8" annulus and 100' in 5 1/2" casing (111' plug).
6. Perforated 5 1/2" casing @ 278' and establish circulation to surface.
7. Pumped 130 sx of premium-plus AG cement to cover 5 1/2" x 9 5/8" annulus and 5 1/2" csg to surface.
8. Cut off wellhead and installed dry hole marker.
9. All plugs witnessed by Dave Brown, BLM representative.

The Walton Federal #5 was plugged on the 25th day of September, 1990. Below is a list of casing and tubulars left in the hole.

1. 228' of 32#, 9 5/8" surface casing
2. 5294' of 15.5#, 5 1/2" production casing.

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

SIGNED

*Rodney Brewer*

TITLE Production Engineer

DATE 9-27-90

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

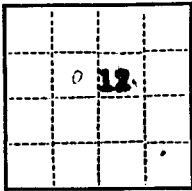
\*See Instructions on Reverse Side

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 reports, or to furnish any false information within its jurisdiction.



API # 43-013-15796

Form 9-598  
(April 1952)



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
CONSERVATION DIVISION

Sec. 12  
T. 9 S.  
R. 16 E.  
S. L. Mer.

INDIVIDUAL WELL RECORD

PUBLIC LAND:

Date March 12, 1965 Ref. No. 14

Land office Utah State Utah  
Serial No. 096550 County Duchesne  
Lessee Diamond Shamrock Oil & Gas Corp. Field Mount Butte  
Operator Diamond Magnus Explorations Co. Inc. Shamrock Oil & Gas Corp. District Salt Lake City

Well No. 5 (Walton) Subdivision SE1/4

Location 2021' from N. line and 2092' from W. line of sec. 12

Drilling approved January 19, 1965 Well elevation 5515 KB feet

Drilling commenced January 22, 1965 Total depth 5300 PB 5235 feet

Drilling ceased February 4, 1965 Initial production 330 10 13W

Completed for production March 2, 1965 Gravity A. P. I. 30.5°

Abandonment approved 5/13, 1993 Initial R. P.

Geologic Formations		Productive Horizons		Contents
Surface	Lowest tested	Name	Depths	
<u>Uinta</u>	<u>Green River</u>	<u>Green River</u>	<u>4849-4874'</u> <u>4440-4702'</u> <u>330 10 13W</u>	<u>Oil, Gas, etc.</u>

WELL STATUS

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
<u>1965</u>	<u>Drig</u>	<u>Drig</u>	<u>POW</u>									
<u>1985</u>		<u>WORK OVER</u>										
<u>1990</u>									<u>SRA</u>			
<u>1993</u>					<u>PTA</u>							

RECEIVED

REMARKS

JUN 14 1965

DIVISION OF

MAR 16 1965

MAR 16 1965

MAR 16 1965

MAXUS EXPLORATION COMPANY REQUESTS PERMISSION TO PLUG AND  
ABANDON THE WALTON FEDERAL #5 WELL AS FOLLOWS:

1. SET CIBP @ 4375' WITH 50' CEMENT ON TOP
2. PERFORATE @ 1200' AND PUMP 70 SKS OF CLASS G CEMENT
3. PUMP 50 SKS OF CLASS G DOWN 5 1/2 X 9 5/8 ANNULUS
4. PLACE A 20 SKS CLASS G PLUG @ SURFACE
5. INSTALL DRY HOLE MARKER
6. RECLAIM LOCATION

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/28/94

API NO. ASSIGNED: 43-013-15796

WELL NAME: MONUMENT FED. 22-12J RE-ENTRY  
OPERATOR: EQUITABEL RESOURCES (N9890)

PROPOSED LOCATION:  
 SENW 12 - T09S - R16E  
 SURFACE: 2017-FNL-2098-FWL  
 BOTTOM: 2017-FNL-2098-FWL  
 DUCHESNE COUNTY  
 MONUMENT BUTTE FIELD (105)

LEASE TYPE: FED  
LEASE NUMBER: U-096550

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

Plat  
 Bond: Federal  State[] Fee[]  
 (Number 5547188)  
 Potash (Y/N)  
 Oil shale (Y/N)  
 Water permit  
 (Number JOE SHIELDS)  
 RDCC Review (Y/N)  
 (Date: \_\_\_\_\_)

LOCATION AND SITING:

R649-2-3. Unit: UTU 72086A  
 R649-3-2. General.  
 R649-3-3. Exception.  
 Drilling Unit.  
 Board Cause no: \_\_\_\_\_  
 Date: \_\_\_\_\_

COMMENTS: Reentry of Walton Fed #5  
Well location renewal.

STIPULATIONS: \_\_\_\_\_

CONFIDENTIAL  
PERIOD  
EXPIRED  
ON 9-4-95

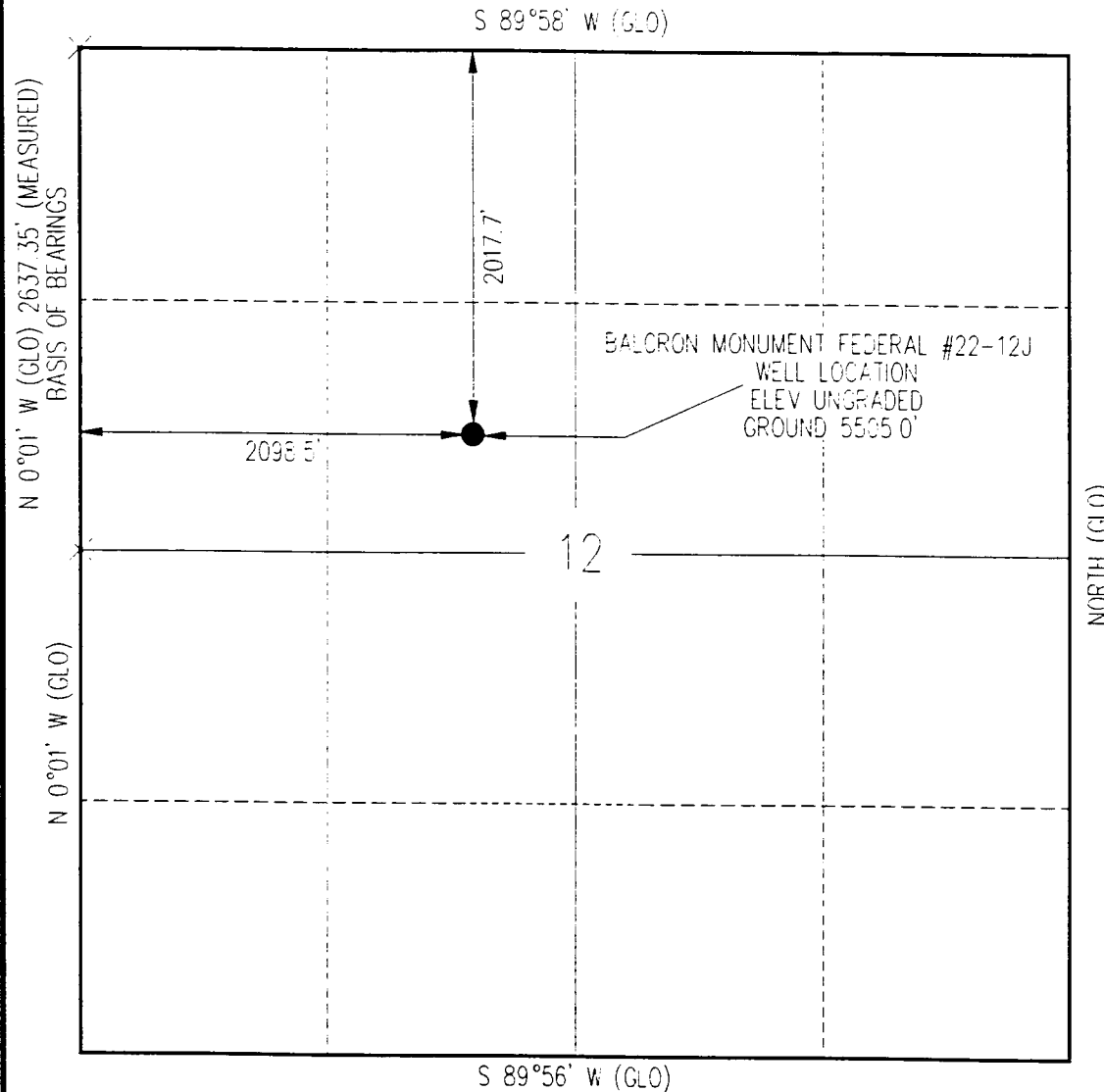


EXHIBIT "I"

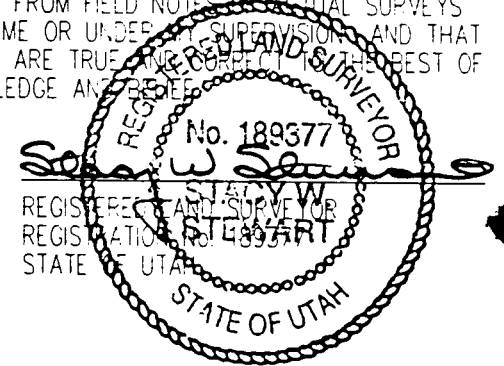
T9S, R16E, S.L.B. & M.

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON MONUMENT FEDERAL #22-12J, LOCATED AS SHOWN IN THE SE 1/4 NW 1/4 OF SECTION 12, T9S, R16E, S.L.B. & M., DUCHESNE COUNTY UTAH.



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.



X = SECTION CORNERS LOCATED  
BASIS OF BEARINGS; G.L.O PLAT 1911  
BASIS OF ELEV; U.S.G.S 7-1/2 min QUAD (MYTON SE)

WEATHER: STORMY & COLD
DATE: 2/10/94
SCALE: 1" = 1000'
SURVEYED BY: SS CB
FILE: MF 22-12J



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**CONFIDENTIAL**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK		Federal # U-096550	
Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		6. If Indian, Allottee or Tribe Name n/a	
Type of Well Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> <i>Reentry</i>		7. Unit Agreement Name Jonah Unit	
Name of Operator Equitable Resources Energy Company, Balcron Oil Division		8. Farm or Lease Name Balcron Monument Federal	
Address of Operator P.O. Box 21017; Billings, MT 59104		9. Well No. # 22-12J	
Location of Well (Report location clearly and in accordance with any State requirements.) 2017.7' FNL, 2098.5' FWL		10. Field and Pool, or Wildcat Monument Butte/Green River	
At proposed prod. zone		11. 00, Sec., T., R., M., or Blk. and Survey or Area SE NW Sec. 12, T9S, R16E	
Distance in miles and direction from nearest town or post office* From Myton, Utah, approximately 16 miles southwest.		12. County or Parrish Duchesne	13. State UTAH
Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)	15. No. of acres in lease	17. No. of acres assigned to this well	
Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.	19. Proposed depth 5,292'	20. Rotary or cable tools Rotary	
Elevations (Show whether DF, RT, GR, etc.) GL 5505'	22. Approx. date work will start* April 15, 1994		

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
See attached.				

Operator plans to drill this well in accordance with the attached Federal APD.

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout venter program, if any.

I hereby certify that this report is true and complete to the best of my knowledge.

Signed: Sobbie Schuman Title: Coordinator of Environmental and Regulatory Affairs Date: March 25, 1994

(This space for Federal or State office use)  
APD NO. 43-013-15796 Approval Date \_\_\_\_\_

Approved by \_\_\_\_\_ Title \_\_\_\_\_ DATE: 5-2-94

Conditions of approval, if any: \_\_\_\_\_ BY: JAY Matthews WELL SE: R-649-2-3

\*See Instructions On Reverse Side



EQUITABLE RESOURCES  
ENERGY COMPANY

**BALCRON OIL DIVISION**

1601 Lewis Avenue  
P.O. Box 21017  
Billings, MT 59104

Office: (406) 259-7860  
FAX: (406) 245-1365   
FAX: (406) 245-1361

April 11, 1994

-- VIA FAX and FEDEX --

Margie Herrmann  
Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078

Dear Margie:

In response to your recent letter regarding the lack of a drilling fluid program, enclosed is a revised EXHIBIT "D" page 1 which addresses the drilling fluid program for the following well:

Balcron Monument Federal #22-12J RE-ENTRY  
(formerly Walton Federal #5) 43-013-15796  
2017.7' FNL, 2098.5' FWL  
SE NW Section 12, T9S, R16E  
Duchesne County, Utah  
Jonah Unit/Monument Butte Field  
FLS #U-096550

Since the following well is also a Re-entry, I have included a revised EXHIBIT "D" page 1 for that well also. I would appreciate it if you would put that with the APD for this well.

Balcron Monument Federal #13-11J RE-ENTRY  
(formerly Goates Federal #2)  
1819.3' FSL, 657.5' FWL  
NW SW Section 11, T9S, R16E  
Duchesne County, Utah  
Jonah Unit/Monument Butte Field  
FLS #U-096547

If you have further questions, please let me know.

Sincerely,

*Bobbie Schuman*

Bobbie Schuman  
Regulatory and Environmental Specialist

/hs

Enclosures

cc: Utah Division of Oil, Gas and Mining

APR 12 1994

Balcron Oil  
Balcron Monument Federal #13-11J  
NW SW Sec. 11 Twn. 9S Rge. 16E  
Duchesne County, Utah

APR 12 1994

Re-Entry Procedure

- 1.) Remove dry hole marker. Rebuild casing head and reconstruct 5 1/2" casing back up to surface. Install tubing head.
- 2.) Rebuild access road. Remove and stockpile top soil from old well site.
- 3.) Level location pad area. 150'W X 250'L should be large enough. Dig small working pit. (35' X 35' X 6')
- 4.) Set rig anchors. Move in and rig up completion rig with mud tank and drilling equipment.
- 5.) Install 3000 psi BOP. Pick up 4 3/4" bit and 6 drill collars. Drill cement plugs.\* Test casing to 1000 psi after drilling each plug.
- 6.) Trip in to PBTD at 5278'KB. Circulate hole clean with hot 2% KCl water.
- 7.) Trip out. Lay down bit and drill collars. Pick up retrievable bridge plug and casing packer. Trip in hole.
- 8.) Rig up The Western Company and pump acid perf wash on zones of interest.
- 9.) Swab back each zone and test.
- 10.) Put well on pump.

\* 2% KCl water will be used to drill out all cement plugs.



Balcron Oil  
Balcron Monument Federal #22-12J  
SE NW Sec.12 Twn.9S Rge.16E  
Duchesne County, Utah

APR 12 1994

Re-Entry Procedure

- 1.) Remove dry hole marker. Rebuild casing head and reconstruct 5 1/2" casing back up to surface. Install tubing head.
- 2.) Rebuild access road. Remove and stock pile top soil from old well site.
- 3.) Level location pad area. 150'W X 250'L should be large enough. Dig small working pit. (35' X 35' X 6')
- 4.) Set rig anchors. Move in and rig up completion rig with mud tank and drilling equipment.
- 5.) Install 3000 psi BOP. Pick up 4 3/4" bit and 6 drill collars. Drill cement plugs.\* Test casing to 1000 psi after drilling each plug.
- 6.) Trip in to PBTB at 5235'KB. Circulate hole clean with hot 2% KCl water.
- 7.) Trip out. Lay down bit and drill collars. Pick up retrievable bridge plug and casing packer. Trip in hole.
- 8.) Rig up The Western Company and pump acid perf wash on zones of interest.
- 9.) Swab back each zone and test.
- 10.) Put well on pump.

\* 2% KCl water will be used to drill out all cement plugs.

# **CONFIDENTIAL**

**AS OPERATOR, WE HEREBY REQUEST THAT THE STATUS OF THIS WELL BE HELD TIGHT FOR THE MAXIMUM PERIOD ALLOWED BY FEDERAL AND STATE REGULATIONS.**

Equitable Resources Energy Company  
Balcron Oil Division  
P.O. Box 21017  
Billings, MT 59104  
(406) 259-7860

EXHIBITS FOR MONUMENT BUTTE RE-ENTRY WELLS:

- A PROPOSED DRILLING PROGRAM
- B PROPOSED SURFACE USE PROGRAM
- C GEOLOGIC PROGNOSIS
- D RE-ENTRY PROCEDURE/WELLBORE DIAGRAM
- E HAZMAT DECLARATION
- F EXISTING & PLANNED ACCESS ROADS (MAPS A & B)
- G EXISTING ROADS (MAP C)
- H PROPOSED PRODUCTION FACILITY DIAGRAM
- I SURVEY PLAT
- J LAYOUT/CUT & FILL DIAGRAM

3/23/94

EQUITABLE RESOURCES ENERGY COMPANY  
Balcron Oil Division  
Balcron Federal #22-12J (RE-ENTRY)  
SE NW Section 12, T9S, R16E  
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162-3.1 (d):

1. ESTIMATED IMPORTANT GEOLOGICAL MARKERS:

See Geologic Prognosis (EXHIBIT "C")

2. ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS OR WATER:

See Geologic Prognosis (EXHIBIT "C")

3. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

- a. A 2M double ram completion BOP will be used. The blind rams and pipe rams will be tested to 1500 psi before starting.
- b. The BOPE will be tested to 1500 psi when initially installed, whenever any seal subject to test pressure is broken, and following related repairs. The pipe and blind rams will be activated at least weekly and on every trip the pipe and blind rams will be activated.
- c. An accumulator of sufficient capacity to close all rams and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps will be installed during the completion of this well.
- d. A TIW valve will be used during the drilling out of cement plugs on this well.
- e. Sufficient quantities of mud materials will be readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Both the surface casing and production casing have been cut off slightly below the surface. It will be necessary to rebuild both casing strings back up to GL. The production casing will be tested for integrity after each cement plug is drilled out.
- b. For details of casing, cement program and drilling fluid program, see the following attachment:

Re-entry Procedure/Wellbore Diagram (EXHIBIT "D")

5. HAZARDOUS PRESSURES, TEMPERATURES, FLUIDS/GASSES EXPECTED:
- a. Expected bottom hole temperature is 125 degrees F. Expected bottom hole pressure is 1500 psi.
  - b. No abnormal pressures or temperatures have been noted or reported in wells drilled to the Green River formation in this area.
  - c. No dangerous levels of hydrogen sulfide, hazardous fluids, or gasses have been found, reported, or known to exist at the depth of this well.
6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:
- a. The operations for this well will begin as soon after APD approval as possible.
  - b. These operations should be completed within 12 days after start-up of the well depending on weather and hole conditions.
  - c. If the well is productive, a sundry notice and plat showing exact installed facilities will be submitted.
  - d. If this well is non-productive, a sundry notice will be filed with the BLM District Office within 30 days following completion of the well for abandonment.

SURFACE USE PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY  
Balcron Oil Division  
Balcron Monument Federal #22-12J (RE-ENTRY)  
SE NW Section 12, T9S, R16E  
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162.3-1 (d):

1. EXISTING ROADS:

- a. This well is located 16 miles southwest of Myton, Utah. From Myton, Utah, take Highway #40 west out of town 1.6 miles to the Sand Wash road. Go south on the Sand Wash road for approximately 9.3 miles. Turn right onto the Monument Butte Gas Plant road. Continue 3 miles to a road intersection. Turn left and proceed 1.1 miles to a road intersection, turn left and continue 0.2 miles to a road intersection, turn left and continue 0.8 miles to road intersection. Stay left and proceed 0.5 miles to the location which is at the end of the existing road.
- b. Existing roadways need no improvements for these operations.
- c. All existing roads used by these operations will be maintained in the same or better condition as were existing prior to entry.
- d. See EXHIBIT "F" Maps A and B for access route.

2. PLANNED ACCESS ROADS: See EXHIBIT "F" Maps A & B

- a. This is an re-entry of a previous well. No new access roads need to be constructed.
- b. Road maintenance: During both the completion and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and will be maintained in accordance with the original construction standards. Any drainage ditches and culverts will be kept clear and free-flowing, and will also be maintained in accordance with original construction standards. The access road right-of-way will be kept free of trash during operations.
- c. During initial completion and subsequent operations, all travel will be confined to location and access routes.
- d. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

- e. If a right-of-way is required this APD shall be considered as application for such right-of-way.

3. LOCATION OF EXISTING WELLS:

See EXHIBIT "G" Map C.

4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

- a. Existing: See Map C (EXHIBIT "G")
- b. New facilities: All production facilities will be located on the disturbed portion of the wellpad and at a minimum of 25' from the toe of the backslope or toe of the fill slope.
- c. The production facilities will consist primarily of a pumping unit, two oil tanks, and one water tank. A diagram showing the proposed production facility layout is attached. See EXHIBIT "H".
- d. All above-ground facilities will be painted earthtone color Desert Brown #10Y/R in accordance with the Munsell Soil Color chart within six months of the well completion unless prior written approval to proceed with another alternative has been granted via Sundry Notice.
- e. A dike will be constructed completely around those production facilities which contain fluids. These dikes will be constructed of compacted subsoil, be impervious, and will hold 100% of the capacity of the largest tank.
- f. No production pit will be needed.
- g. Reclamation of disturbed areas no longer needed for operation will be accomplished by grading, leveling and seeding as recommended by the Bureau of Land Management.
- h. Approval for any proposed pipelines will be submitted to the authorized officer by sundry notice for approval.

5. LOCATION AND TYPE OF WATER SUPPLY:

- a. Water to be used for the completion of this well will be hauled by truck over the roads described in this Surface Use Program from a spring owned by Joe Shields of Myton, Utah.
- b. No water well will be drilled on this location.

6. CONSTRUCTION ROAD/LOCATION MATERIALS:

- a. No construction materials are needed for recompletion. In the event of production, the small amount of gravel needed for

facilities will be hauled in by truck from a local gravel pit over existing access roads to the area. No special access other than for pipeline construction will be needed.

- b. All construction materials for this location site and access road shall be borrowed material accumulated during the reconstruction of the site and road. In the event that additional construction material is needed, appropriate actions will be taken to acquire it from private sources.
- c. All surface disturbance is on BLM lands and reasonable precautions will be taken to protect all lands.

7. METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL:

- a. Cuttings: The cuttings (cement only) will be collected in a small (10' x 10' x 4') working pit.
- b. Drilling fluids: Fresh water will be used to drill out the cement plugs. All water will be contained in steel tanks. Immediately after completion the water will be hauled off and disposed of at an approved waste disposal site.
- c. No reserve pit is needed.
- d. Liquid hydrocarbons produced during the completion operation will be collected in test tanks on location. Produced water will be confined to a storage tank. In accordance with Onshore Order #7, an application for approval of a permanent disposal method shall be submitted for the authorized officer's approval.

Any spills of oil, gas, salt water or other noxious fluids will be cleaned up and hauled to an approved disposal site. Burning will not be allowed.

- e. Garbage will be stored in a trash cage and disposed of according to local and state regulations, at an approved facility. Disposal will not be allowed on location. No trash will be disposed of in the working pit.
- f. Sewage: Self-contained, chemical toilets will be provided during these operations. Waste and chemicals will not be disposed of on location.
- g. Immediately after removal of the rig, all debris and other waste materials will be cleaned up and removed from the well location. Any open pits will be fenced during the operation and the fencing will be maintained until such time as the pits are backfilled.



- h. The work pit will be constructed on the existing location and will not be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls. The pit will be constructed so as not to leak, break, or allow the discharge of liquids therefrom.

8. ANCILLARY FACILITIES:

None anticipated.

9. LOCATION SITE LAYOUT:

- a. The proposed location site and elevation plat is shown on EXHIBIT "I".
- b. The drill pad layout, showing elevations, orientation, and access to the pad is shown on EXHIBIT "J".
- c. This will be re-entered with a completion rig. No permanent living facilities are planned.
- d. EXHIBIT "H" shows the proposed production facility layout.
- e. No reserve pit or flare pit will be needed.
- g. Due to the lack of existing topsoil, there will be no stockpiled topsoil stored on location because there is no existing topsoil.
- h. Access to the wellpad will be from the west near corner #7.

10. PLANS FOR RECLAMATION OF LOCATION SITE:

The BLM will be contacted prior to commencement of any reclamation operations.

Producing location:

- a. Immediately upon well completion, the location and surrounding areas will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.
- b. Any other waste and spoil materials will be disposed of immediately upon completion of workover activities.
- c. The portion of the location not needed for production facilities or operations will be recontoured to the approximate natural contours and will be reclaimed within 120 days from the date of well completion, weather permitting.
- d. The access roads will be upgraded and maintained as necessary to prevent soil erosion and to accommodate year-round traffic. Areas unnecessary to operations will be recontoured, topsoil distributed, and disking and seeding of disturbed areas outside

the work area will be in accordance with the recommended seed mixture.

Dry hole/abandoned location:

If the well is abandoned/dry hole, operator will submit a subsequent report of abandonment and BLM will attach the appropriate surface rehabilitation conditions of approval.

All disturbed surfaces will be recontoured to the approximate natural contours and reseeded according to BLM specifications. Reclamation of the well pad and access road will be performed as soon as practical after final abandonment and reseeding operations will be performed in the fall or spring following completion of reclamation operations.

11. SURFACE OWNERSHIP:

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

12. OTHER INFORMATION:

- a. Since this is a previously-disturbed location, the Vernal Bureau of Land Management has determined it is not necessary to conduct archeological or paleontological surveys.
- b. If unexpected cultural resources are observed during construction or reclamation operations, Equitable Resources Energy Company's Balcron Oil Division will suspend operations in the vicinity of the discovery and immediately report the finding to the BLM District Office.
- c. If a silt catchment dam will be necessary on this location, this will be covered by the Bureau of Land Management in the Conditions of Approval.
- d. Operator will have on site a copy of the Surface Use Program and a copy of the supplemental conditions.
- e. Operations will be conducted in accordance with the Bureau of Land Management conditions of approval when received.

13. OPERATOR'S REPRESENTATIVES:

Balcron Oil, a division of Equitable Resources Energy Company  
1601 Lewis Avenue  
P.O. Box 21017  
Billings, Montana 59104  
(8:00 a.m. to 5:00 p.m.)  
(406) 259-7860  
FAX: (406) 245-1361

Dave McCoskery, Drilling Engineer Home: (406) 248-3864

Dale Griffin, Operations Supervisor Mobile: (801) 828-7291

14. CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that any statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Balcron Oil, a division of Equitable Resources Energy Company, and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

March 25, 1994  
Date

Bobbie Schuman  
Bobbie Schuman  
Coordinator of Environmental and  
Regulatory Affairs  
BALCRON OIL division of Equitable  
Resources Energy Company

3/23/94  
/rs

# Balcron Oil Well Prognosis

EXHIBIT "C"

Well Name BALCRON MONUMENT FEDERAL #22-12J Exploratory                      Control Well WALTON FED #5  
 Location SEnw SEC 12-T9S-R16E (2099' FNL, 2018' FWL) Development X Operator DMND SHMRCK  
 County DUCHESNE Field JONAH UNIT KB 5515  
 State UTAH Section SEnw 12 Section SEnw 12  
 Total Depth 5292 Township 9S Township 9S  
 GL (Ung) 5505 EST. KB 5515 Range 16E Range 16E

Formation Tops	Prognosis		Sample Top		Control Well	High/Low		Deviation
	Formation	Depth	Datum	Depth	Datum	Datum	Prog	
UINTA	SURFACE							
GREEN RIVER	1550	3965			3965			
HORSEBENCH SS	2222	3293			3293			
2ND GARDEN GULCH	3882	1633			1633			
Y-5 SAND (PAY)	4436	1079			1079			
YELLOW MARKER	4512	1003			1003			
DOUGLAS CREEK	4675	840			840			
R-2 SAND (PAY)	4789	726			726			
R-5 SAND (PAY)	4864	651			651			
2ND DOUGLAS CREEK	4918	597			597			
GREEN MARKER	5061	454			454			
G-4 SAND (PAY)	5180	335			335			
TD	5292							

Samples  
 NA  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

DST,s  
 DST #1 NONE  
 DST #2 \_\_\_\_\_  
 DST #3 \_\_\_\_\_  
 DST #4 \_\_\_\_\_

Wellsite Geologist  
 Name: \_\_\_\_\_  
 From: \_\_\_\_\_ to: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Phone # \_\_\_\_\_ wk.  
 \_\_\_\_\_ hm.  
 Fax # \_\_\_\_\_

Logs  
 DLL FROM SURF CSG TO TD  
 LDT/CNL FROM 3700' TO TD  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Cores  
 Core #1 NONE  
 Core #2 \_\_\_\_\_  
 Core #3 \_\_\_\_\_  
 Core #4 \_\_\_\_\_

Mud Logger/Hot Wire  
 Company: \_\_\_\_\_  
 Required: (Yes/No) NO  
 Type: \_\_\_\_\_  
 Logger: \_\_\_\_\_  
 Phone # \_\_\_\_\_  
 Fax # \_\_\_\_\_

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Report To: 1st Name: DAVE BICKERSTAFF Phone # (406) 259-7860 wk. 245-2261 hm.  
 2nd Name: KEVEN REINSCHMIDT Phone # " wk. 248-7026 hm.  
 Prepared By: K. K. REINSCHMIDT 2/7/94 Phone # \_\_\_\_\_ wk. \_\_\_\_\_ hm.

Balcron Oil  
Balcron Monument Federal #22-12J  
SE NW Sec.12 Twn.9S Rge.16E  
Duchesne County, Utah

Re-Entry Procedure

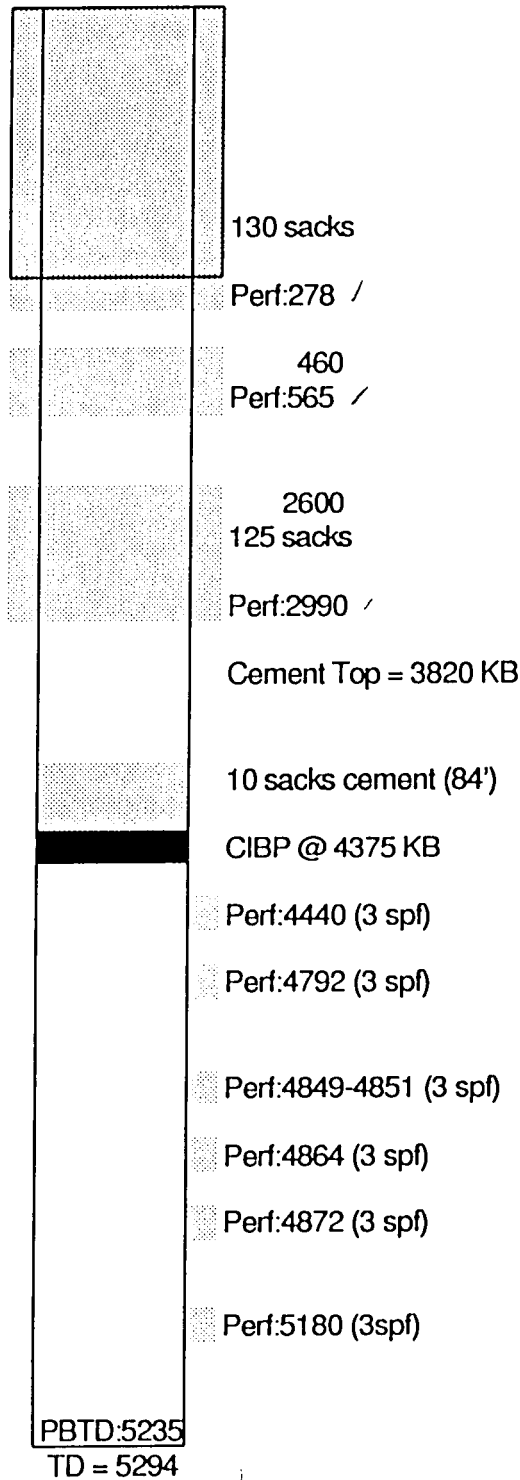
- 1.) Remove dry hole marker. Rebuild casing head and reconstruct 5 1/2" casing back up to surface. Install tubing head.
- 2.) Rebuild access road. Remove and stock pile top soil from old well site.
- 3.) Level location pad area. 150'W X 250'L should be large enough. Dig small working pit. (35' X 35' X 6')
- 4.) Set rig anchors. Move in and rig up completion rig with mud tank and drilling equipment.
- 5.) Install 3000 psi BOP. Pick up 4 3/4" bit and 6 drill collars. Drill cement plugs. Test casing to 1000 psi after drilling each plug.
- 6.) Trip in to PBTD at 5235'KB. Circulate hole clean with hot 2% KCl water.
- 7.) Trip out. Lay down bit and drill collars. Pick up retrievable bridge plug and casing packer. Trip in hole.
- 8.) Rig up The Western Company and pump acid perf wash on zones of interest.
- 9.) Swab back each zone and test.
- 10.) Put well on pump.

Maxus Exploration Company  
Walton Federal #5  
2021'FNL x 2092'FWL  
Sec.12 Twn.9S Rge.16E  
Duchesne/Utah

Balcron Monument Federal #22-12J  
Re-Entry

GL=5503

Hole Size:12 1/4"  
9 5/8" set @ 228'KB  
Cemented with 200 SKS  
Spud Date: Jan.22,1965  
P&A Date: Sept.25,1990



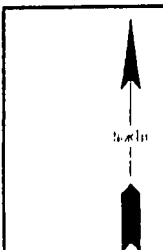
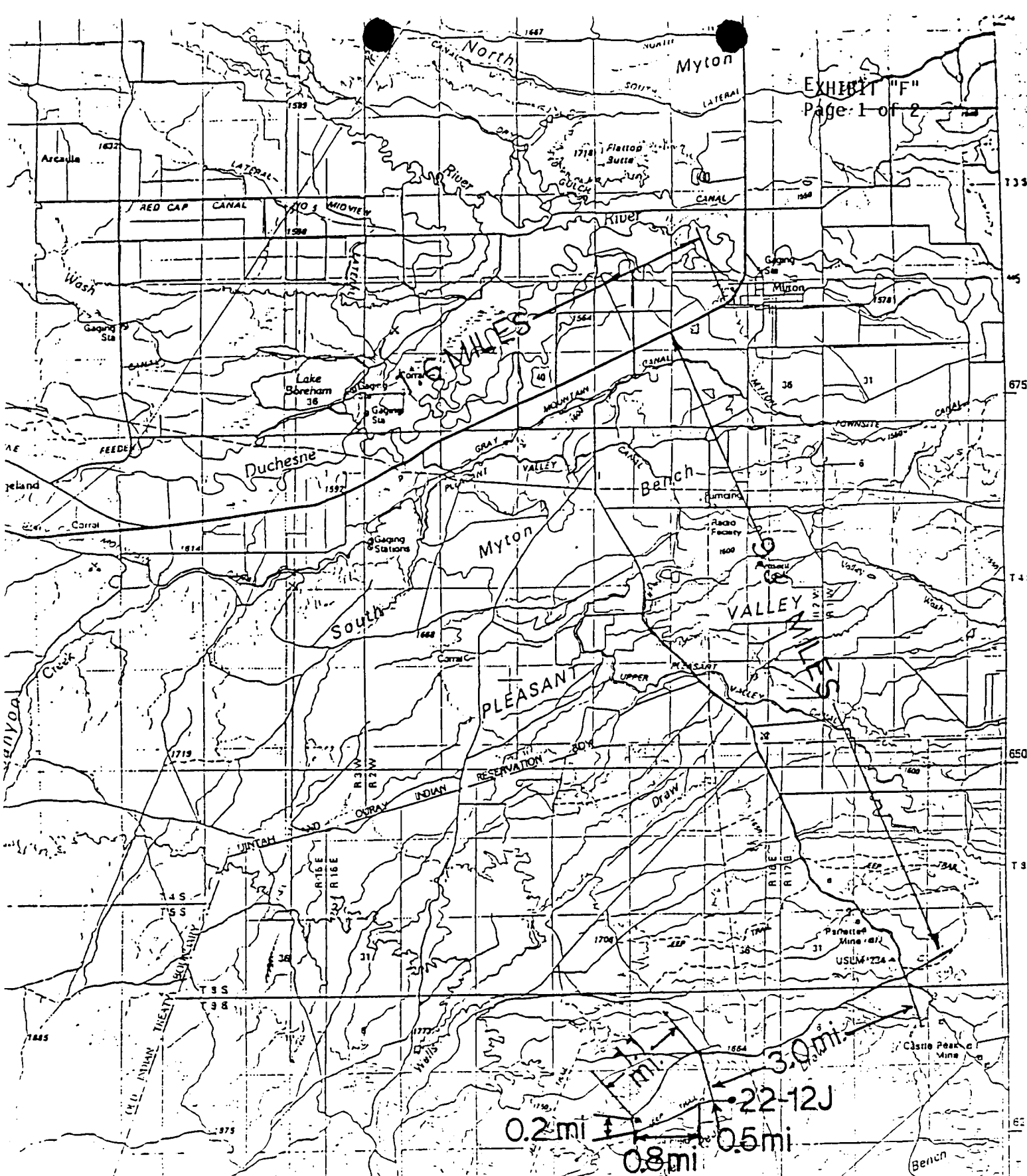
- A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

We anticipate that none of the hazardous chemicals in quantities of 10,000 pounds or more will be associated with these operations.

- B. Extremely hazardous substances threshold quantities (per Howard Cleavinger 11/30/93) of which will be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

12/1/93  
Revised 12/7/93  
/rs



EQUITABLE RESOURCES ENERGY CO.  
MONUMENT FEDERAL #22-12J  
MAP "A"









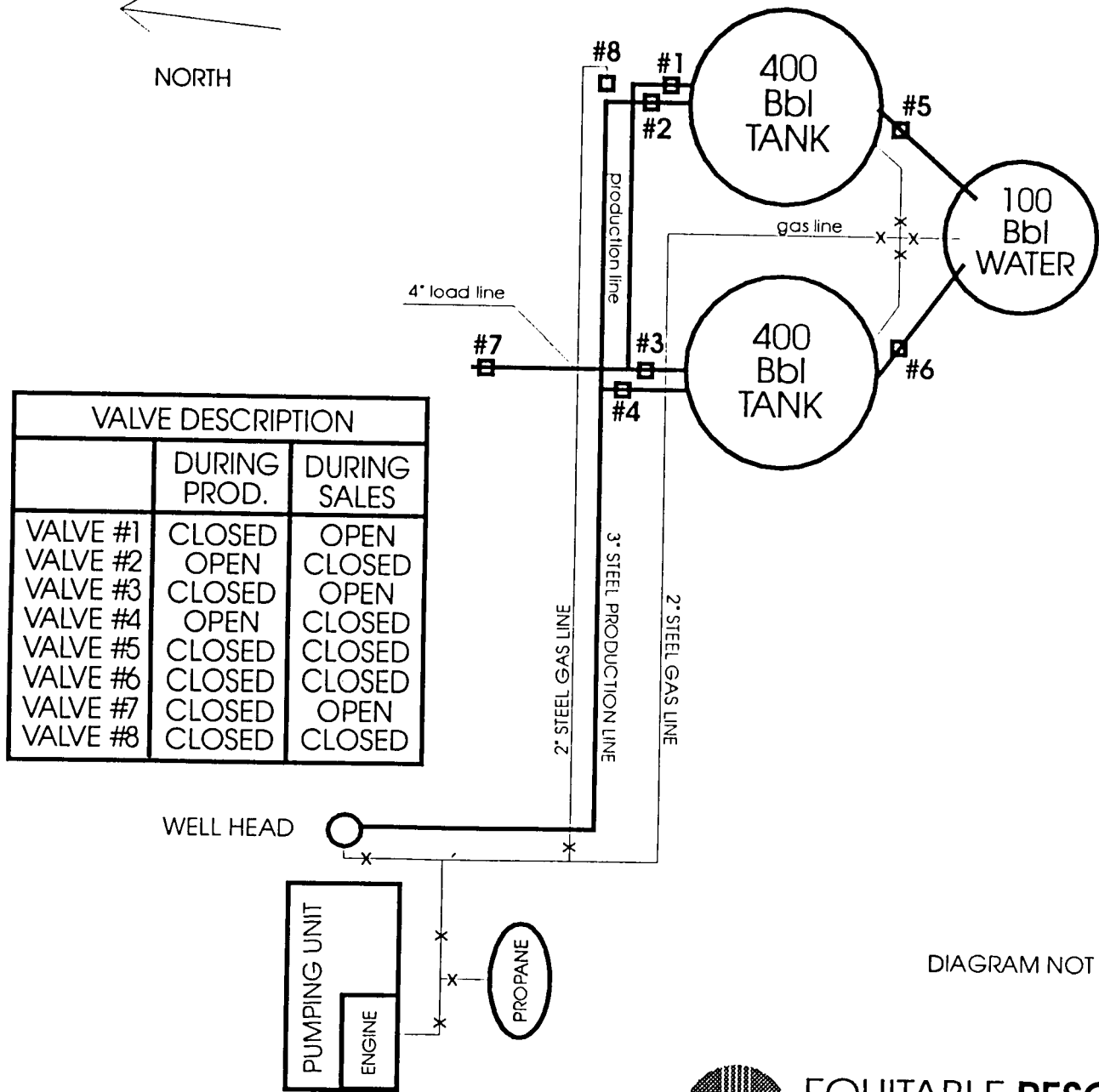
Equitable Resources Energy Company  
 Balcron Monument Federal 22-12J  
 Proposed Production Facility Diagram

EXHIBIT "H"

Balcron Monument Federal 22-12J  
 SE NW Sec. 12, T9S, R16E  
 (formerly Walton Federal 5)  
 Duchesne County, Utah  
 Federal Lease #U-096550  
 2018' FNL, 2098' FWL  
 March 23, 1994

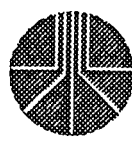


DIKE



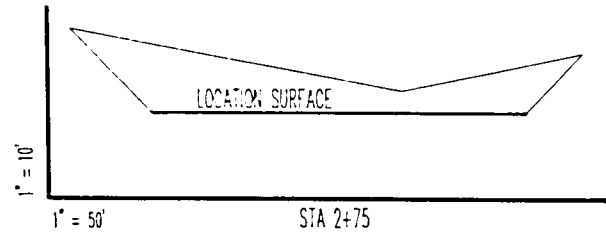
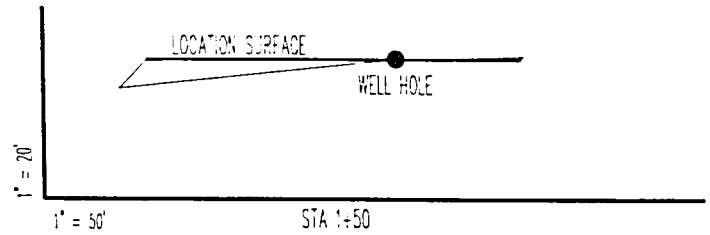
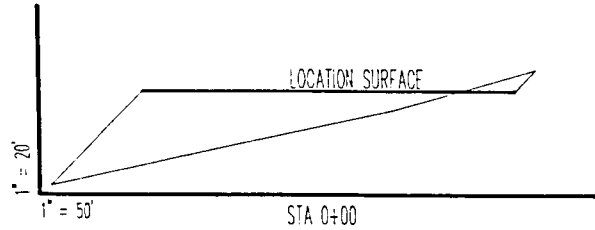
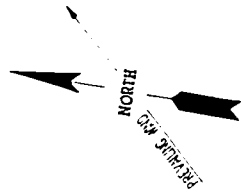
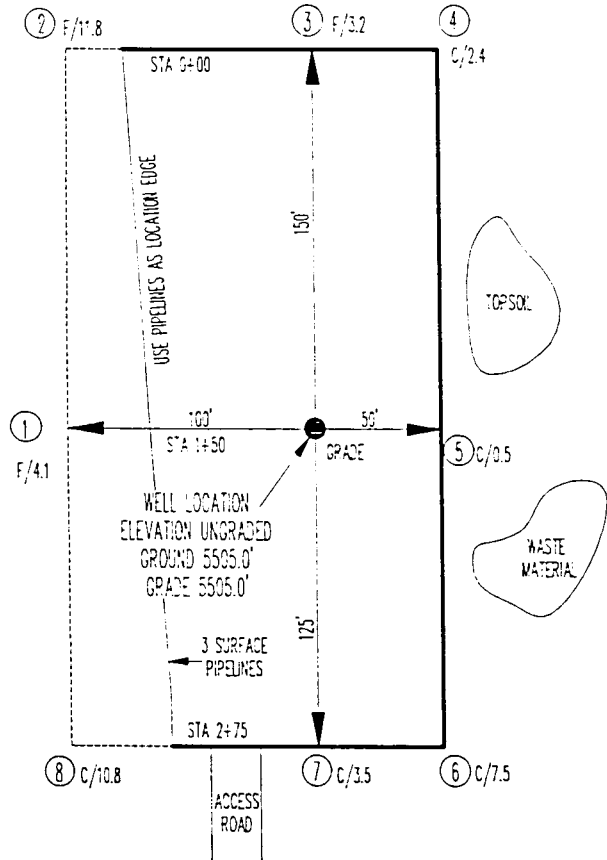
VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	OPEN
VALVE #4	OPEN	CLOSED
VALVE #5	CLOSED	CLOSED
VALVE #6	CLOSED	CLOSED
VALVE #7	CLOSED	OPEN
VALVE #8	CLOSED	CLOSED

DIAGRAM NOT TO SCALE



**EQUITABLE RESOURCES ENERGY COMPANY**  
 BALCRON OIL DIVISION  
 1601 Lewis Avenue  
 P.O. Box 21017  
 Billings, MT 59104-1017  
 (406) 259-7860

EQUITABLE RESOURCES ENERGY CO.  
BALCON MONUMENT FEDERAL #22-12J



APPROXIMATE YARDAGE

CUT = 2727 Cu Yds  
FILL = 2699 Cu Yds

**TRI-STATE**  
LAND SURVEYING, INC.  
38 WEST 100 NORTH, VERNAL, UTAH 84078  
801-781-2501



**State of Utah**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

May 2, 1994

Equitable Resources Energy Company  
P.O. Box 21017  
Billings, Montana 59104

Re: Balcron Monument Federal #22-12J Well (formerly Walton Federal #5), 2017' FNL, 2098' FWL, SE NW, Sec. 12, T. 9 S., R. 16 E., Duchesne County, Utah

Gentlemen:

Pursuant to Utah Code Ann. § 40-6-18, (1953, as amended), Utah Admin. R. 649-2-3, Application of Rules to Unit Agreements and R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to redrill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

1. Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules.
2. Notification to the Division within 24 hours after drilling operations commence.
3. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
4. Submittal of the Report of Water Encountered During Drilling, Form 7.
5. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or K. Michael Hebertson, Reclamation Specialist, (Home) (801)269-9212.

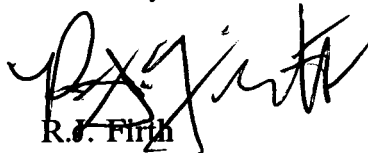


Page 2  
Equitable Resources Energy Company  
Balcron Monument Federal #22-12J Well  
May 2, 1994

6. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-013-15796.

Sincerely,



R. J. Firth  
Associate Director

ldc  
Enclosures  
cc: Duchesne County Assessor  
Bureau of Land Management, Vernal District Office  
WOI1

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
Equitable Resources Energy Company, Balcron Oil Division

3. ADDRESS OF OPERATOR  
P.O. Box 21017; Billings, MT 59104 *43-013-15796*

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface: SE NW Sec. 12, T9S, R16E 2017.7' FNL, 2098.5' FWL  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
From Myton, Utah, approximately 16 miles southwest.

10. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

18. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
GL 5505'

5,292'

Rotary

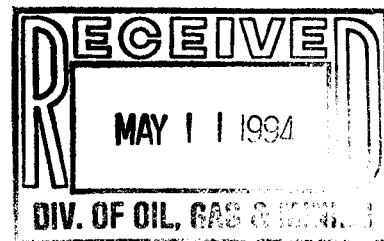
22. APPROX. DATE WORK WILL START\*  
April 15, 1994

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
	See attached			

See attached listing of EXHIBITS.

This is a RE-ENTRY of the former Walton Federal #5.



**SELF CERTIFICATION:** I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new product zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blow preventer program, if any.

24. SIGNED Bobbie Schuman TITLE Coordinator of Environmental and Regulatory Affairs DATE March 25, 1994

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE MAY 05 1994  
APPROVED BY [Signature] TITLE ASSISTANT DISTRICT MANAGER, MINERALS DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

*Div 06 & M  
47050-411-575*

NOTICE OF APPROVAL

\*See Instructions On Reverse Side

for any person knowingly and willfully to make to any department or agency of the within its jurisdiction.

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL  
RE-ENTRY OF THE 22-12J

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Monument Federal 22-12J

API Number: 43-013-15796

Lease Number: U-096550

Location: SENW Sec. 12 T. 9S R. 16E

**NOTIFICATION REQUIREMENTS**

- Location Construction - at least forty-eight (48) hours prior to construction of location and access roads.
- Location Completion - prior to moving on the drilling rig.
- Spud Notice - at least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing - at least twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and Related Equipment Tests - at least twenty-four (24) hours prior to initiating pressure tests.
- First Production Notice - within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.



## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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 and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

### A. DRILLING PROGRAM

#### 1. Pressure Control Equipment

The BOP and related equipment shall be a functionally operable 2M system installed and function tested prior to initiating drill out of any plugs.

#### 2. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

#### 3. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

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

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and within 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

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

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues,

not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman                   (801) 789-7077  
Petroleum Engineer

Wayne Bankert               (801) 789-4170  
Petroleum Engineer

BLM FAX Machine       (801) 781-4410

## EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

**SURFACE USE PLAN OF OPERATION**  
Conditions of Approval (COAs)

Additional Surface Conditions of Approval

If paleontologic resources are found or uncovered during ground disturbing activities, Balcron will suspend all operations that would further disturb such materials and immediately contact the BLM Authorized Officer.

A complete copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

The operator or his/her contractor shall contact the BLM Office at (801) 789-1362 forty-eight (48) hours prior to construction activities.

The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

If the proposed oil well is scheduled for development between March 15 and August 15, additional surveys for mountain plovers will be required a minimum of 14 days prior to surface disturbance. Contact the Authorized Officer of the BLM for specific procedures.

A silt catchment dam will not be necessary at this location to mitigate soil erosion in the area.

STATE OF UTAH  
 DIVISION OF OIL, GAS AND MINING  
 ENTITY ACTION FORM - FORM 6

OPERATOR Equitable Resources Energy Company  
Balcron Oil Division  
 ADDRESS P.O. Box 21017  
Billings, MT 59104  
(406) 259-7860

OPERATOR ACCT. NO. N0890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	11492	→	43-013-15796	Balcron Monument Federal #2-12J	SE NW	12	9S	16E	Duchesne	7-5-94	7-5-94
WELL 1 COMMENTS: Entity added 7-11-94. (Jonah Unit) Spud of a re-entry well. Please add to current Jonah entity.											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

- ACTION CODES (See instructions on back of form)
- 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)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Molly Conrad  
 Signature  
 Operations Secretary  
 Title  
 Date 7-6-94  
 Phone No. 406 , 259-7860

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**

5. Lease Designation and Serial No.  
U-096550

6. If Indian, Allottee or Tribe Name  
n/a

7. If Unit or CA, Agreement Designation  
Jonah Unit

8. Well Name and No.  
Balcron Monument Federal #22-12J

9. API Well No.  
43-013-15796

10. Field and Pool, or Exploratory Area  
Monument Butte/Green River

11. County or Parish, State  
Duchesne County, Utah

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
Equitable Resources Energy Company, balcron Oil Division

3. Address and Telephone No.  
P.O. Box 21017, Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SE NW Section 12, T9S, R16E  
2017.7' FNL, 2098.5' FWL

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>Commencement of Re-Entry of hole.</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 <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

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.)\*

Re-Entry operations were commenced on this well at 11:00 a.m. on 7-5-94.

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

Signed Molly Conrad

Title Operations Secretary

Date 7-6-94

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

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.

\*See Instruction on Reverse Side



DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #22-12J

Location: SE NW Section 12, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

2017.7' FNL, 2098.5' FWL

PTD: 5750' Formation: Green River

Jonah Unit / Monument Butte

Elevations: 5505' GL

Contractor: Basin Well Service

Operator: Balcron/EREC

Spud: 7-5-94 @ 11 a.m.

Casing: 9-5/8", 29.3# @ 228'

5-1/2", 15.5# @ 5294'

Tubing: 2-7/8", 6.5#, J-55 @ 4942.75' KB

7-5-94 Re-Entry

Present Operation: Drill Cmt.

MIRU Basin Pulling Unit. Install anchors, csg head, tbg head. NU BOP & test to 1000#. PU power swivel, drill collar & drag bit & start drilling cmt @ surface. Drill to 220', POOH w/small drill collars & tbg. SDFN. Spud @ 11 a.m. 7-5-94.

DC: \$17,375

CC: \$17,375

7-6-94 Re-Entry

PU drag bit, XO sub, six 4-1/8" drill collars. PU 2 jts 2-7/8" tbg, RU Power Sub to drill. Broke circ & started drilling @ 220'. Did not brake any hole, PD Power Sub & POOH, changed drag bit & TIH. PU Power Sub & start drilling. Fell through first plug @ 300', PU 6 jts 2-7/8" tbg & tagged cmt @ 470'. Started getting metal shaving in returns @ 485'. Metal stopped coming in returns @ 495'. Drilled through cmt @ 570'. Tested csg to 1000 psi. SWIFN.

DC: \$2,821

CC: \$20,196

7-7-49 Re-Entry

Hung Power Sub back & PU 68 jts 2-7/8" tbg, tagged cmt @ 2720' KB. PU Power Sub & started drilling. Drilled down 10 jts & fell through @ 2990', PU 2 more jts tbg. Tested csg to 1000 psi - lost 300 psi in 5 min. Hung Power Sub back, nipped drilling head down & TOOH w/tbg & collars. Changed bits & TIH w/bit, bit sub, six 4-1/8" drill collars, XO sub, & 96 jts 2-7/8" tbg.

DC: \$2,747

CC: \$22,943

7-8-94 Re-Entry

PU 44 jts 2-7/8" tbg, tagged cmt @ 4442' KB, drilled down to 4459' & tagged CIBP, drilled plug up, hung Power Sub back, PU 23 jts 2-7/8" tbg, tagged fill @ 5207' KB. PU Power Sub & drill down to 5235' KB, RD Power Sub. TOOH w/161 jts 2-7/8" tbg, LD XO sub, six 4-1/8" drill collars, bit sub, & bit. PU bit & scraper & run 49 jts 2-7/8" tbg in the hole. SWI.

DC: \$2,722

CC: \$25,665

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #22-12J

Location: SE NW Section 12, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

7-11-94 Re-Entry  
CP & TP - vac. TIH w/119 jts tbg, scraper & bit. TIH w/RBP, retrieving tool, HD packer, SN & 141 jts 2-7/8" tbg. Set BP @ 4396'KB, pressure test csg to 1000 psi, lost 300 psi in 5 min. Reset BP @ 4460' KB, set packer 4389' KB. Broke down @ 2800 psi, 1.5 BPM. Reset BP @ 4818' KB, set packer @ 4777' KB, inject @ 1.8 BPM @ 2800 psi. Reset BP @ 4858' KB, set packer @ 4836'KB, inject @ 1.9 BPM @ 1800 psi. Reset BP @ 4867' KB, set packer @ 4858'KB, inject @ 1.7 BPM @ 2200 psi. Reset BP @ 4915' KB, set packer @ 4867' KB, communicated between 4872' & 4864' KB, reset packer to 4858' KB, inject @ 1.7 BPM @ 2200 psi. Reset BP @ 5207' KB, set packer @ 5167' KB, inject @ 1.8 BPM @ 2100 psi. Retrieve BP, reset @ 2093' KB. SWIFN.  
DC: \$3,949 CC: \$29,614

7-12-94 Re-Entry  
CP & TP - 0. BP set @ 2093' KB, pressure test csg to 1300#, lost 300 psi in 5 min. Reset BP @ 1447' KB, pressure test csg 1300 psi, lost 200 psi. Reset BP @ 370' KB, pressure tst csg 625 psi, lost 100 psi in 5 min. TOOH w/tbg & tools, BP & packer OK. TIH w/RBP, retrieving head, HD packer, SN & 166 jts 2-7/8" tbg. Set BP @ 5207' KB, set packer @ 5167' KB. RU Western to acidize 5180' KB w/100 gallons 15% HCL, rate 3.4 BPM @ 2600 psi, ISIP 1800 psi. Reset BP @ 4915' KB, packer @ 4836' KB, acidize 4849'-51' (6 holes), 4864' (3 holes), & 4872' (3 holes) w/2000 gallons 15% HCL, 25 balls, rate 4.6 BPM, 2200 psi. Reset BP @ 4818', packer @ 4777' to acidize 4792' KB (3 holes) w/15% HCL, rate 2.4 BPM @ 2600 psi. ISIP 2400 psi. Reset BP @ 4460' KB, packer @ 4389' KB, acidize 4440' KB (3 holes) w/15% HCL, rate 3.3 BPM @ 2250 psi, ISIP 1700 psi. RU to swab 4440' zone.

<u>TIME</u>	<u>RUN</u>	<u>PULL FROM</u>	<u>FLUID LEVEL</u>	<u>OIL</u>	<u>WATER</u>	<u>GAS</u>	<u>COMMENTS</u>
1445	1	1500	Surf	0	8	0	
1510	2	3000	1500	0	8	0	
1520	3	4300	2900	0	8	0	
1550	4	4380	4300	0	0	0	1/2 bbl acid wtr
1610	5	4380	4350	0	0	0	1/4 bbl acid wtr
1630	6	4380	----	-	-	-	
1700	7	4380	4340	trace	0	0	1/4 bbl acid wtr

SWIFN. Load to recover this zone = 3 BW.

DC: \$3,951

CC: \$33,565

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #22-12J

Location: SE NW Section 12, T9S, R16E  
Duchesne County, Utah

---TIGHT HOLE---

- 7-13-94 Re-Entry  
CP - 0 psi, TP - 20 psi. FL @ 4000' from surface. Unset packer, release BP, reset BP @ 4818' KB, set packer @ 4777' KB. Zone 4492' KB, FL 2600' from surface, trace oil. Made 6 runs, recovered 21 BW, no entry, trace oil. Reset BP @ 4915', set packer @ 4836', zone 4849'-4872', made 4 runs, recovered 32 BW, 1 BO, acid gas. Last 3 runs, @ 30 min intervals, 400' entry @ 30 min. Reset BP @ 5207', set packer @ 5167', zone 5180'. Made 3 runs, recovered 12 BW, trace oil. Made 2 runs @ 30 min intervals, no entry. TOOH w/tbg & tools. SWIFN.  
DC: \$15,003 CC: \$48,568
- 7-14-94 Well shut in for the day.
- 7-14-94 Re-entry  
Load hole w/80 bbls 2% KCL wtr. RU Schlumberger to run CBL & set CIBP @ 5150', RU Schlumberger to perf 4870'-75, 4860'-68' & 4437'-43' all @ 4 SPF. RD Schlumberger. TIH w/RBP, retrieving head, 2-7/8" x 4' sub, HD packer, SN & 159 jts 2-7/8" tbg. Set BP @ 4915' KB, pull packer up to 4811' KB. SWIFN, WO frac 7-19-94.  
DC: \$9,317 CC: \$57,885
- 7-19-94 Re-entry  
CP - 0 psi, TP - vac. Pull upp & set packer @ 4720' KB, EOT @ 4729'. RU Western to do break down w/3192 gals 2% KCL wtr. ATP 3100 psi, max 3400 psi. ATR 5.8 BPM, max 6.2 BPM. ISIP 2200 psi. Pump 4 balls/bbl. RU Western to do sand frac w/27,000# 16/30 mesh sand w/13,356 gals 2% KCL gelled wtr. ATP 4600 psi, max 4950 psi. ATR 17.4 BPM, max 20.1 BPM. ISIP 3150 psi, 5 min 2210 psi, 10 min 1430 psi, 15 min 1330 psi. Release packer & circ clean, flow back 53 BW. TOOH w/tbg, packer & RT. TIH w/RBP, retrieving tool, 2-7/8" x 4' sub, SN & 129 jts 2-7/8" tbg, set BP @ 4470' KB, pull up & set packer @ 3089' KB. RU Western to do break down w/3,528 gals 2% KCL wtr. No ATP or ATR recorded. ISIP 2050 psi. Pump 4 balls/bbl. RU Western to frac w/21,280# 16/30 mesh sand w/6,216 gal 2% KCL gelled wtr. ATP 4800 psi, max 7000 psi. ATR 20 BPM, max 20.2 BPM. ISIP not recorded, 5 min 2820 psi, 10 min 2730, 15 min 2610. Screen out w/4890# sand in csg. RD Western SWIFD. Load to recover 573 BW.  
DC: \$43,703 CC: \$101,588
- 7-20-94 Re-entry  
CP & TP - vac. Release packer, tag sand @ 4073' KB. Circ down to BP, TOOH w/tbg & tools. TIH w/retrieving head, 2-7/8" x 4' sub, HD packer, SN & 154 jts 2-7/8" tbg. Tag sand @ 4835' KB. Set packer @ 4390' KB. Made 6 swab runs, recovered 45 BW gas-cut. SWIFN.  
DC: \$2,274 CC: \$103,862

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #22-12J

Location: SE NW Section 12, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

7-21-94 Re-entry  
TP - vac. Made 17 swab runs, recovered 35 BW - good gas, no trace of oil. Last 6 runs no sand. Release packer, tag sand @ 4890' KB, circ down to 4915' KB, release BP, TOOH w/tbg & tools. TIH w/production string as follows:

	<u>LENGTH</u>	<u>DEPTH KB</u>
1 jt 2-7/8", J-55, 6.5#	26.50'	4942.75'
1 Perf Sub 2-7/8" x 4'	4.15'	4916.25'
1 Seat Nipple 2-7/8" x 1'	1.10'	4912.10'
16 jts 2-7/8", J-55, 6.5#	487.00'	4911.00'
1 Tbg Anchor 2-1/2" x 5-1/2"	2.75'	4424.00'
141 jt 2-7/8", J-55, 6.5#	4409.25'	4421.25'
KB	12.00'	

ND BOP, set tbg anchor w/12" tension. NU well head. SWIFN.

DC: \$4,546

CC: \$108,408

7-21-94 Re-entry  
TIH w/rod production string as follows:

1 - BHP 2-1/2"x1-1/2"x16' RWAC w/pa plunger

195 - 3/4" x 25' D-60 Slick rods

1 - 3/4" x 8' Pony

1 - 3/4" x 2' Pony

1 - 1-1/4" x 22' Polish Rod

Pressure test BHP & tbg to 1000 psi - OK. Clamp rods off. RDMO.

DC: \$5,104

CC: \$113,512

8-4-94 Well started pumping @ 5 p.m. 4 SPM, 82" stroke. Contract pumper - Joe Ivie.

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

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

P.O. Box 21017, Billings, MT 59104      (406) 259-7860

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

SE NW Section 12, T9S, R16E  
2017.7' FNL, 2098.5' FWL

5. Lease Designation and Serial No.

U-096550

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

Balcron Monument Federal #22-12

9. API Well No.

43-013-15796

10. Field and Pool, or Exploratory Area

Monument Butte/Green Riv

11. County or Parish, State

Duchesne County, 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>Report of First Production</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.)\*

First production on this well was on 8-4-94 at 5 p.m.

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

Signed Robbie Schuman

Regulatory and  
Title Environmental Specialist

Date 8-8-94

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

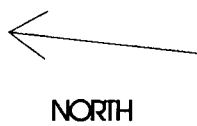
Title \_\_\_\_\_

Date \_\_\_\_\_

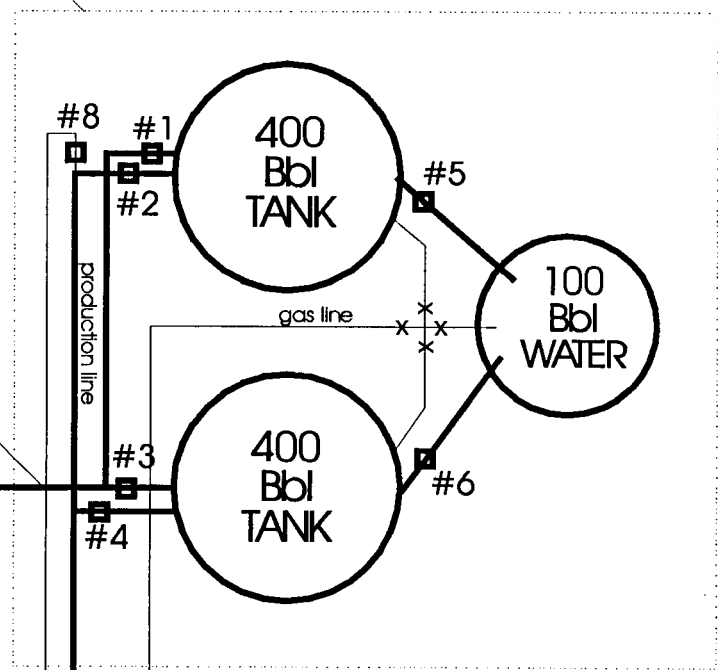


# Equitable Resources Energy Company Balcron Monument Federal 22-12J Production Facility Diagram

Balcron Monument Federal 22-12J  
SE NW Sec. 12, T9S, R16E  
(formerly Walton Federal 5)  
Duchesne County, Utah  
Federal Lease #U-096550  
2018' FNL, 2098' FWL  
March 23, 1994



Dike



VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	OPEN
VALVE #4	OPEN	CLOSED
VALVE #5	CLOSED	CLOSED
VALVE #6	CLOSED	CLOSED
VALVE #7	CLOSED	OPEN
VALVE #8	CLOSED	CLOSED

WELL HEAD

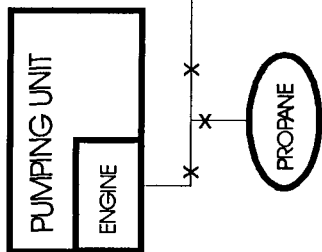
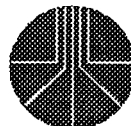


DIAGRAM NOT TO SCALE



**EQUITABLE RESOURCES  
ENERGY COMPANY**  
BALCRON OIL DIVISION  
1601 Lewis Avenue  
P.O. Box 21017  
Billings, MT 59104-1017  
(406) 259-7860

**REPORT OF WATER ENCOUNTERED DURING DRILLING**

1. Well name and number: Balcron Monument Federal #22-12J

API number: 43-013-15796

2. Well Location: QQ SE NW Section 12 Township 9S Range 16E County Duchesne

3. Well operator: Equitable Resources Energy Company, Balcron Oil Division

Address: P.O. Box 21017

Billings, MT 59104

Phone: (406) 259-7860

4. Drilling contractor: Union Drilling

Address: Drawer 40

Buckhannon, WV 26201

Phone: (304) 472-4610

5. Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
		No measurable water reported	
		during drilling operations.	

6. Formation tops: Geological Report submitted separately.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

Date: 9-7-94

Name & Signature: Bobbie Schuman, *Bobbie Schuman*

Title: Regulatory and Environmental Specialist



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**

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Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-096550
2. Name of Operator Equitable Resources Energy Company, Balcron Oil Division	6. If Indian, Allottee or Tribe Name n/a
3. Address and Telephone No. P.O. Box 21017, Billings, MT 59104      (406) 259-7860	7. If Unit or CA, Agreement Designation Jonah Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SE NW Section 12, T9S, R16E 2017.7' ENL, 2098.5' FWL	8. Well Name and No. Balcron Monument Fed. #22-12J
	9. API Well No. 43-013-15796
	10. Field and Pool, or Exploratory Area Monument Butte/Green River
	11. County or Parish, State Duchesne County Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" 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>Onshore Order #7</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.)\*

Any water produced by this well will be held in a produced water tank and trucked to a commercial disposal facility. The primary facility to be used is the R.N. Industries produced water disposal facility located in Section 9, T2S, R2W in Duchesne County, Utah. A copy of the State-issued permit for that facility is on file at the Vernal Bureau of Land Management. If for some reason the operator is unable to use this primary disposal facility, the produced water will be trucked to another State-approved disposal facility. If applicable, Operator has received approved Right-of-Way access to this well location for the Vernal Bureau of Land Management.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

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

Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date 9-7-94

(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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*  
(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_  
 b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESRV.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
Equitable Resources Energy Company, Balcron Oil Division

3. ADDRESS OF OPERATOR  
P.O. Box 21017, Billings, MT 59104 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 2017.7' FNL, 2098.5' FWL  
At top prod. interval reported below  
At total depth

5. LEASE DESIGNATION AND SERIAL NO.  
U-096550  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
n/a  
7. UNIT AGREEMENT NAME  
Jonah Unit  
8. FARM OR LEASE NAME  
Balcron Monument Federal  
9. WELL NO.  
#22-12J  
10. FIELD AND POOL, OR WILDCAT  
Monument Butte/Green River  
11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA  
SE NW Section 12, T9S, R16E

**CONFIDENTIAL**

14. PERMIT NO. 43-013-15796 DATE ISSUED 5-2-94  
12. COUNTY OR PARISH Duchesne 13. STATE Utah

15. DATE SPUDDED 7-5-94 16. DATE T.D. REACHED n/a 17. DATE COMPL. (Ready to prod.) 8-4-94 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5505' GL 19. ELEV. CASINGHEAD n/a

20. TOTAL DEPTH, MD & TVD 5300' 21. PLUG, BACK T.D., MD & TVD 5235' KB 22. IF MULTIPLE COMPL., HOW MANY\* n/a 23. INTERVALS DRILLED BY → SFC - TD 24. ROTARY TOOLS n/a 25. CABLE TOOLS n/a

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
4437' - 4875' Green River  
25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
No logs run  
27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	29.3#	228'	12-1/4"	200 SXS	None
5-1/2"	15.5#	5294'	7-7/8"	327 SXS	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	4942.75'	r/a

31. PERFORATION RECORD (Interval, size and number)

4870'-4875'	(4 SPF)
4860'-4868'	(4 SPF)
4437'-4443'	(4 SPF)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4792' - 4875'	27,000# 16/30 sand w/13,356 gallons 2% KCL wtr. 3192 gallons 2% KCL wtr.
4437' - 4443'	21,280# 16/30 sand w/6216 gallons 2% KCL gelled wtr. 3528 gallons 2% KCL

33. PRODUCTION

DATE FIRST PRODUCTION 8-4-94 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 1-1/2" Insert Pump WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-16-94	24	n/a	→	12	N.M.	0	n/a

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
n/a	n/a	→	12	N.M.	0	34

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel. TEST WITNESSED BY Dale Griffin

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
 SIGNED Bobbie Schuman TITLE Regulatory and Environmental Specialist DATE 9-7-94

\*(See Instructions and Spaces for Additional Data on Reverse Side)



EQUITABLE **RESOURCES**  
ENERGY COMPANY

**BALCRON OIL DIVISION**

1601 Lewis Avenue  
Billings, MT 59102

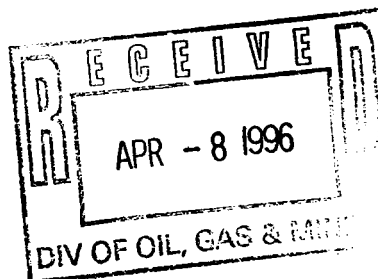
Office: (406) 259-7860

FAX: (406) 245-1365

FAX: (406) 245-1361

March 22, 1996

Utah Division of Oil, Gas and Mining  
355 West North Temple  
Salt Lake City, UT 84180



Gentlemen:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a sundry notice reflecting that change. To simplify paperwork, I have done one sundry notice with copies for each of the wells. To this letter I have attached a list of our wells for your ease in filing the sundry notices in the well files. This should be sufficient for your purposes.

I have the listings on a spreadsheet so if it would be easier for you to have them sorted differently (for example, the Montana Board of Oil and Gas prefers them sorted by API number), please give me a call at (406) 259-7860, extension 240 and I would be glad to provide a list to your specifications.

This change affects only our company name. The physical locations of our offices and the personnel remain the same. We will be changing our well signs and ask for your patience and cooperation as this will be done as soon as possible but may take some time since we do have so many properties at which to make the change.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

*Bobbie Schuman*

Bobbie Schuman  
Regulatory and  
Environmental Specialist

/hs

Enclosures

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:  
See attached listing

6. If Indian, Allottee or Tribe Name:  
n/a

7. Unit Agreement Name:  
See attached listing

8. Well Name and Number:  
See attached listing

9. API Well Number:  
See attached listing

10. Field and Pool, or Wildcat:  
See attached listing

1. Type of Well: OIL  GAS  OTHER: See attached listing

2. Name of Operator:  
Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone Number:  
1601 Lewis Avenue Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well  
Footages: See attached listing

County: See attached list

QQ, Sec., T., R., M.:

State: UTAH

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other \_\_\_\_\_
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- Abandon \*
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other Operator name change
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.

13. Name & Signature: *Bobbie Schuman*  
Bobbie Schuman

Title: Regulatory and Environmental Specialist Date: March 27, 1996

(This space for State use only)

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1	LE 7-SJ
2	DES-FILE
3	VLD (GIL)
4	RJE
5	IB
6	FILM

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold)                       Designation of Agent  
 Designation of Operator                               Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-96)

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY COEROM</u> (former operator)	<u>EQUITABLE RESOURCES ENERGY CO</u>
(address)	<u>1601 LEWIS AVE</u>	(address) <u>BALCRON OIL DIVISION</u>
	<u>BILLINGS MT 59102-4126</u>	<u>1601 LEWIS AVE</u>
	phone <u>(406) 259-7860</u>	<u>BILLINGS MT 59102-4126</u>
	account no. <u>N9890</u>	phone <u>(406) 259-7860</u>
		account no. <u>N9890</u>

**Well(s)** (attach additional page if needed):

Name: <b>**SEE ATTACHED**</b>	API: <u>013-15796</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- Yes 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 4-4-96 & 4-8-96)*
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- \* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Yes 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ *(4-10-96)*
- Yes 6. Cardex file has been updated for each well listed above. *(4-11-96)*
- Yes 7. Well file labels have been updated for each well listed above. *(4-11-96)*
- Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(4-10-96)*
- Yes 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

# 5578314 (\$80,000) Sebeco Ins. Co. (Bond Rider In Progress)

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- 2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no)   . Today's date    19  . If yes, division response was made by letter dated    19  .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated    19  , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- DTJ 2. Copies of documents have been sent to State Lands for changes involving State leases.  
*Sent to Ed Bonner - Trust Lands*

FILMING

- N/A 1. All attachments to this form have been microfilmed. Date: May 20 1996.

FILING

- 1. Copies of all attachments to this form have been filed in each well file.
- 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

9/604/10 BLM/BIA "Formal approval not necessary"

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**  
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION  
 EQUITABLE RESOURCES ENERGY  
 1601 LEWIS AVE  
 BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 3 / 96

AMENDED REPORT  (Highlight Changes)

Well Name API Number      Entity      Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ MONUMENT FED 22-12J 4301315796 11492 09S 16E 12	GRRV					
✓ MONUMENT FED 42-11J 4301330066 11492 09S 16E 11	GRRV					
✓ ALLEN FEDERAL 23-6 4301330558 11492 09S 17E 6	GRRV					
✓ ALLEN FEDERAL 32-6 4301330559 11492 09S 17E 6	GRRV					
✓ ALLEN FEDERAL 41-6 4301330581 11492 09S 17E 6	GRRV					
✓ ALLEN FEDERAL 12-6 4301330582 11492 09S 17E 6	GRRV					
✓ ALLEN FEDERAL 43-6 4301330583 11492 09S 17E 6	GRRV					
✓ ALLEN FEDERAL 21-6 4301330584 11492 09S 17E 6	GRRV					
✓ ALLEN FEDERAL 34-6 4301330586 11492 09S 17E 6	GRRV					
✓ FEDERAL 2-1 4301330603 11492 09S 16E 1	GRRV					
✓ ALLEN FEDERAL 12-5 4301330611 11492 09S 17E 5	GRRV					
✓ ALLEN FEDERAL 21-5 4301330612 11492 09S 17E 5	GRRV					
✓ CASTLE PK FED 31-15 4301330613 11492 09S 16E 15	GRRV					
<b>TOTALS</b>						

COMMENTS: \_\_\_\_\_

I hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

UTAH

Balcron Monument Fed. #14-12J	Monument Butte	SW SW	12	9S	16E	Duchesne	UT	WW	Green River	U-035521-A	43-013-31411	660' FSL, 660' FWL	Vernal	Jonah
Balcron Monument Fed. #14-15	Monument Butte	SW SW	15	9S	16E	Duchesne	UT	PND	Green River	U-017985	43-013-31381	772' FSL, 543' FWL	Vernal	
Balcron Monument Fed. #14-26	Monument Butte	SW SW	26	8S	16E	Duchesne	UT	PND	Green River	U-34346	43-013-31512	660' FSL, 660' FWL	Vernal	
Balcron Monument Fed. #14-3-9-17Y	Monument Butte	SW SW	3	9S	17E	Duchesne	UT	Oil	Green River	U-64381	43-013-31535	671' FSL, 792' FWL	Vernal	
Balcron Monument Fed. #14-4	Monument Butte	SW SW	4	9S	16E	Duchesne	UT	PND	Green River	U-73086	43-013-31430	719' FSL, 607' FWL	Vernal	
Balcron Monument Fed. #14-5	Monument Butte	SW SW	5	9S	17E	Duchesne	UT	Oil	Green River	U-020250	43-013-31385	556' FSL, 517' FWL	Vernal	Jonah
Balcron Monument Fed. #14-8	Monument Butte	SW SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31398	660' FSL, 660' FWL	Vernal	Beluga
Balcron Monument Fed. #21-10-9-17Y	Monument Butte	NE NW	10	9S	17E	Duchesne	UT	Oil	Green River	U-65210	43-013-31537	807' FNL, 2120' FWL	Vernal	
Balcron Monument Fed. #21-14J	Monument Butte	NE NW	14	9S	16E	Duchesne	UT	WIW	Green River	U-096547	43-013-31421	518' FNL, 1850' FWL	Vernal	Jonah
Balcron Monument Fed. #21-17	Monument Butte	NE NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-013-31387	500' FNL, 1980' FWL	Vernal	Beluga
Balcron Monument Fed. #21-25	Undesignated	NE NW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32528	748' FNL, 1964' FWL	Vernal	
Balcron Monument Fed. #22-12J	Monument Butte	SE NW	12	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-15796	2018' FNL, 2099' FWL	Vernal	Jonah
Balcron Monument Fed. #22-14J	Monument Butte	SE NW	14	9S	16E	Duchesne	UT	PND	Green River	U-096547	43-013-31489	2134' FNL, 2198' FWL	Vernal	Jonah
Balcron Monument Fed. #22-17	Monument Butte	SE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31429	1800' FNL, 1980' FWL	Vernal	Beluga
Balcron Monument Fed. #22-20-9-18Y	Monument Butte	SE NW	20	9S	18E	Uintah	UT	Oil	Green River	U-64917	43-047-32711	1980' FNL, 1980' FWL	Vernal	
Balcron Monument Fed. #22-22-8-17Y	Monument Butte	SE NW	22	8S	17E	Duchesne	UT	Oil	Green River	U-67845	43-013-31538	1945' FNL, 2030' FWL	Vernal	
Balcron Monument Fed. #23-5	Monument Butte	SE NW	5	9S	17E	Duchesne	UT	WIW	Green River	U-020252	43-013-31384	1853' FNL, 1980' FWL	Vernal	Jonah
Balcron Monument Fed. #23-11	Monument Butte	NE NW	11	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31369	1787' FSL, 2147' FWL	Vernal	Jonah
Balcron Monument Fed. #23-15	Monument Butte	NE SW	15	9S	16E	Duchesne	UT	WIW	Green River	U-017985	43-013-31373	1724' FSL, 2078' FWL	Vernal	Jonah
Balcron Monument Fed. #23-24-8-17		NE SW	24	8S	17E	Uintah	UT	PND	Green River				Vernal	
Balcron Monument Fed. #23-25	Undesignated	NE SW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32529	1927' FSL, 2139' FWL	Vernal	
Balcron Monument Fed. #23-5	Monument Butte	NE SW	5	9S	17E	Duchesne	UT	Oil	Green River	U-020252	43-013-31383	1816' FSL, 2057' FWL	Vernal	Jonah
Balcron Monument Fed. #24-12J	Monument Butte	SE SW	12	9S	16E	Duchesne	UT	Oil	Green River	U-035521-A	43-013-31409	539' FSL, 1777' FWL	Vernal	Jonah
Balcron Monument Fed. #24-25	Undesignated	SE SW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32669	653' FSL, 2028' FWL	Vernal	
Balcron Monument Fed. #24-5	Monument Butte	SE SW	5	9S	17E	Duchesne	UT	WIW	Green River	U-020252	43-013-31375	765' FSL, 2243' FWL	Vernal	Jonah
Balcron Monument Fed. #24-6	Monument Butte	SE SW	6	9S	17E	Duchesne	UT	WIW	Green River	U-020252-A	43-013-31363	504' FSL, 1613' FWL	Vernal	Jonah
Balcron Monument Fed. #31-17	Monument Butte	NE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31428	660' FNL, 1980' FEL	Vernal	Beluga
Balcron Monument Fed. #31-1J	Monument Butte	NW NE	1	9S	16E	Duchesne	UT	Oil	Green River	U-33992	43-013-31413	660' FNL, 1980' FEL	Vernal	Jonah
Balcron Monument Fed. #31-25	Undesignated	NW NE	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32530	660' FNL, 1980' FEL	Vernal	
Balcron Monument Fed. #31-7J	Monument Butte	NW NE	7	9S	17E	Duchesne	UT	WIW	Green River	U-44426	43-013-31405	831' FNL, 1782' FEL	Vernal	Jonah
Balcron Monument Fed. #32-11	Monument Butte	SW NE	11	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31386	2059' FNL, 1763' FEL	Vernal	Jonah
Balcron Monument Fed. #32-12J	Monument Butte	SW NE	12	9S	16E	Duchesne	UT	WIW	Green River	U-035521	43-013-31419	1805' FNL, 2139' FEL	Vernal	Jonah
Balcron Monument Fed. #32-14J	Monument Butte	SW NE	14	9S	16E	Duchesne	UT	PND	Green River	U-096547	43-013-31490	1980' FNL, 1980' FEL	Vernal	Jonah
Balcron Monument Fed. #32-15	Monument Butte	SW NE	15	9S	16E	Duchesne	UT	WIW	Green River	U-017985	43-013-31368	1868' FNL, 1993' FEL	Vernal	Jonah
Balcron Monument Fed. #32-17	Monument Butte	SW NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31465	1880' FNL, 1980' FEL	Vernal	Beluga

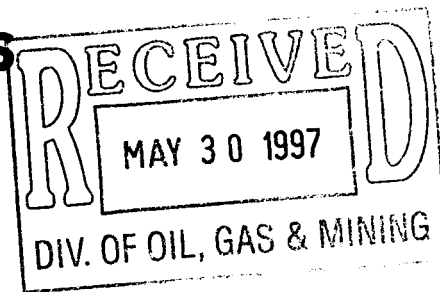




**EQUITABLE RESOURCES**  
ENERGY COMPANY

**WESTERN REGION**

1601 Lewis Avenue  
Billings, MT 59102



Office: (406) 259-7860  
FAX: (406) 245-1365   
FAX: (406) 245-1361

May 27, 1997

Utah Board Of Oil, Gas, & Mining  
1594 West North Temple  
Suite-1220  
Salt Lake City, Utah 84114

In accordance with your request please find enclosed the 1997 produced water analysis for the Uinta Basin waterflood and water disposal operations which are operated by Equitable Resources Energy Company. These water analysis are for wells that are re-injecting or disposing produced water back into the Green River Formation via the following facilities:

Jonah Secondary Recovery Unit  
Beluga Secondary Recovery Unit  
Coyote Basin Secondary Recovery Unit  
Castle Draw (State Section-2) Pilot Waterflood  
Pariette Bench Water Disposal Well #4

Equitable Resources Energy Company inadvertently failed to submit a copy of these water analysis when they were sent to the EPA and BLM. If there are any questions please contact me at our Billings, Montana office at 406-259-7860.

Respectfully,

John Zellitti  
District Production Engineer

## Water Analysis Report

**Customer :** EREC - Western Oil Company

**Address :** 1601 Lewis Avenue

**City :** Billings

**State :** MT      **Postal Code :** 59104-

**Attention :** John Zellitti

**cc1 :** Dan Farnsworth

**cc2 :** Joe Ivey

**cc3 :**

*Jonah Unit*  
**Field :** Monument Butte Field

**Lease :** Monument Federal Lease

**Location :** Well No. 22-12

**Sample Point :** wellhead

**Date Sampled :** 23-Jan-97

**Date Received :** 23-Jan-97

**Date Reported :** 08-Feb-97

**Salesman :** Lee Gardiner

**Analyst :** Karen Hawkins Allen

### CATIONS

**Calcium :** 152 mg/l  
**Magnesium :** 53 mg/l  
**Barium :** 0 mg/l  
**Strontium :** 0 mg/l  
**Iron :** 1.0 mg/l  
**Sodium :** 6944 mg/l  
  
**pH (field) :** 8.59  
**Temperature :** 85 degrees F  
**Ionic Strength :** 0.31  
  
**Resistivity :** ohm/meters  
  
**Ammonia :** ppm

### ANIONS

**Chloride :** 10,400 mg/l  
**Carbonate :** 372 mg/l  
**Bicarbonate :** 1,122 mg/l  
**Sulfate :** 108 mg/l  
  
**Specific Gravity :** 1.015 grams/ml  
**Total Dissolved Solids :** 19,152 ppm  
**CO2 in Water :** 1 mg/l  
**CO2 in Gas :** 0.03 mole %  
**H2S in Water :** 0.0 mg/l  
**O2 in Water :** 0.000 ppm

**Comments :**

### SI calculations based on Tomson-Oddo

<b>Calcite (CaCO3) SI :</b>	1.70	<b>Calcite PTB :</b>	128.8
<b>Gypsum (CaSO4) SI :</b>	-2.38	<b>Gypsum PTB :</b>	N/A
<b>Barite (BaSO4) SI :</b>	N/A	<b>Barite PTB :</b>	N/A
<b>Celestite (SrSO4) SI :</b>	N/A	<b>Celestite PTB :</b>	N/A

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL  GAS  OTHER:

2. Name of Operator:

Inland Production Company

3. Address and Telephone Number:

475 - 17th Street, Suite 1500, Denver, CO 80202

4. Location of Well

Footages: See Attached Exhibit

OO, Sec., T., R., M.:

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

See Attached

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

County:

State:

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandon                                    | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                              | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                            | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection                       | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Fracture Treat or Acidize                  | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion                        | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> |   |

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandon                                    | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                              | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                            | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Convert to Injection                       | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize                  | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> |   |

Date of work completion 9-30-97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

**12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)**

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was :


Equitable Resources Energy Company  
1601 Lewis Avenue  
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under State of Utah Statewide Bond No. 4471291.

OCT 1 1997

13.

Name & Signature:



**CHRIS A. POTTER, ATTORNEY-IN-FACT**

Date:

9/30/97

(This space for State use only)



# EQUITABLE RESOURCES ENERGY COMPANY

**WESTERN REGION**

**(406) 259-7860 Telephone**

**(406) 245-1361 Fax**

December 10, 1997

Lisha  
State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

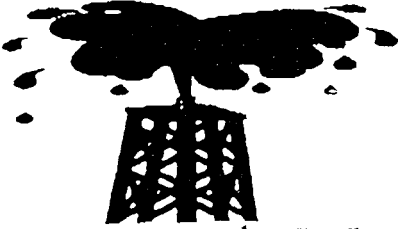
Please feel free to contact me if you require additional information.

Sincerely,

A handwritten signature in cursive script that reads "Molly Conrad".

Molly Conrad  
Agent for Equitable Resources  
Energy Company

/mc



Crazy Mountain Oil & Gas Services  
P.O. Box 577  
Laurel, MT 59044  
(406) 628-4164  
(406) 628-4165

TO: *Lisha*  
*St of Utah.*

FROM. Molly Conrad  
Crazy Mountain Oil & Gas Services  
(406) 628-4164

Pages Attached - Including Cover Sheet *2.*

NOTE: *Here is the letter you requested.  
Call if you need anything  
further.*

INLAND

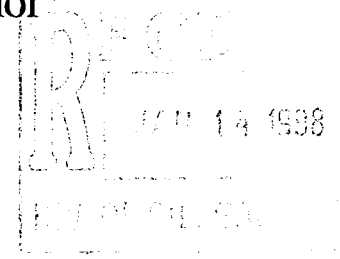
Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
MONUMENT BUTTE #12-12	SWNW 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31410-00	UTU096550	UTU72086A
MONUMENT BUTTE #13-5	NWSW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31370-00		UTU72086A
MONUMENT BUTTE #14-12	SWSW 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31411-00		UTU72086A
MONUMENT BUTTE #21-14	NENW 149S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31421-00		UTU72086A
MONUMENT BUTTE #22-5	SEW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31384-00	UTU020252	UTU72086A
✓ MONUMENT BUTTE #22-12J	SEW 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15796-00	UTU096550	UTU72086A
MONUMENT BUTTE #23-11	NESW 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31369-00	UTU096550	UTU72086A
MONUMENT BUTTE #24-5	SESW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31375-00	UTU020252	UTU72086A
MONUMENT BUTTE #31-7	NWNE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31405-00	UTU72106	UTU72086A
MONUMENT BUTTE #32-11	SWNE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31386-00		UTU72086A
MONUMENT BUTTE #32-12	SWNE 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31419-00		UTU72086A
MONUMENT BUTTE #41-14	NENE 149S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31408-00	UTU096550	UTU72086A
MONUMENT BUTTE #43-11	NESE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31002-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE FED #13-11J	NWSW 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15790-00	UTU096547	UTU72086A
✓ MONUMENT BUTTE FED #31-1J	NW NE 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31413-00	UTU33992	UTU72086A
✓ MONUMENT BUTTE FED #33-11J	NWSE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31451-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE FED #41-12J	NE NE 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31487-00	UTU44426	UTU72086A
✓ MONUMENT BUTTE FED #42-11J	SENE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30066-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE FED #42-12J	SENE 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31486-00	UTU035521	UTU72086A
MONUMENT BUTTE FED. #1-13	NWSW 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30702-00	UTU18399	UTU72086A
MONUMENT BUTTE FED. #1-33	NWSE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30735-00	UTU52013	UTU72086A
MONUMENT BUTTE FED. #11-6	NWNW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31362-00	UTU020252A	UTU72086A
MONUMENT BUTTE FED. #12-11	SWNW 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31417-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE FED. #14-5	SWSW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31385-00	UTU020252	UTU72086A
MONUMENT BUTTE FED. #14-11	SWSW 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31374-00	UTU096547	UTU72086A
✓ MONUMENT BUTTE FED. #23-5	NESE 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31383-00	UTU020252	UTU72086A
MONUMENT BUTTE FED. #23-15	NESW 159S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31373-00	UTU017985	UTU72086A
MONUMENT BUTTE FED. #24-6	SESW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31363-00	UTU020252A	UTU72086A
✓ MONUMENT BUTTE FED. #24-12J	SESW 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31409-00	UTU035521A	UTU72086A
✓ MONUMENT BUTTE FED. #32-1J	SWNE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31414-00	UTU33992	UTU72086A
MONUMENT BUTTE FED. #32-15	SWNE 159S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31368-00	UTU017985	UTU72086A
MONUMENT BUTTE FED. #33-6	NWSE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31361-00	UTU020252A	UTU72086A
MONUMENT BUTTE FED. #34-10	SWSE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31416-00	UTU017985	UTU72086A
MONUMENT BUTTE FED. #41-15	NENE 159S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31367-00	UTU017985	UTU72086A
MONUMENT BUTTE FED. #42-1	SENE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31404-00	UTU40652	UTU72086A
MONUMENT BUTTE FED. #42-6	SENE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31364-00	UTU020252A	UTU72086A
MONUMENT BUTTE FED. #44-1J	SESE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31415-00	UTU44426	UTU72086A
MONUMENT FEDERAL #11-7J	NW NW 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31492-00	UTU44426	UTU72086A
✓ MONUMENT FEDERAL #12-7J	SWNW 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31493-00	U-44426	UTU72086A



# 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-931

January 13, 1998

Inland Production Company  
475 17th Street, Suite 1500  
Denver, Colorado 80202

Re: Jonah (Green River) Unit  
Duchesne County, Utah

Gentlemen:

On January 13, 1998, we received an indenture dated November 17, 1997, whereby Equitable Resources Energy Company resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Jonah (Green River) Unit, Duchesne 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 January 13, 1998. 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 Jonah (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Jonah (Green River) 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

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

U-931:TAThompson:tt:1/13/98

WELL STATUS REPORTS  
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM UTU72086A JONAH (GR) SECONDARY RECOVERY UNIT									
UTU72086A	430131511100S1	1	NWSW	12	9S	16E	POW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430131578000S1	1	NWNW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430131577900S1	1	SESE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131578900S1	1	SESW	11	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430131579200S1	1	SESE	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133070200S1	1-13	NWSW	1	9S	16E	WIW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133070300S1	1-14	SWSW	1	9S	16E	POW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133064600S1	1-23	NESW	1	9S	16E	POW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133070100S1	1-24	SESW	1	9S	16E	WIW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133073500S1	1-33	NWSE	1	9S	16E	WIW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133073600S1	1-34	SWSE	1	9S	16E	POW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133073400S1	1-43	NESE	1	9S	16E	POW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133136200S1	11-6	L4	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133149200S1	11-7J	NWNW	7	9S	17E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133088900S1	12-1	NWNE	12	9S	16E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133141700S1	12-11J	SWNW	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133141000S1	12-12J	SWNW	12	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133061100S1	12-5	SWNW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133058200S1	12-6	SWNW	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133149300S1	12-7J	SWNW	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430131579000S1	13-11J	NWSW	11	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133137000S1	13-5	NWSW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133091800S1	13-6	NWSW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133137400S1	14-11	SWSW	11	9S	16E	WIW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133141100S1	14-12J	SWSW	12	9S	16E	WIW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430133138500S1	14-5	SWSW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430131511200S1	2	NWSE	12	9S	16E	POW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430131579300S1	2	NWNE	14	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133060300S1	2-1	L1	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
<del>UTU72086A</del>	<del>430133140600X1</del>	<del>21-12J</del>	<del>NENW</del>	<del>12</del>	<del>9S</del>	<del>16E</del>	<del>ABD</del>	<del>UTU096550</del>	<del>EQUITABLE RESOURCES ENERG</del>
UTU72086A	430133142100S1	21-14J	NENW	14	9S	16E	WIW	UTU096547	EQUITABLE RESOURCES ENERG
<del>UTU72086A</del>	<del>430133142200X1</del>	<del>21-15J</del>	<del>NENW</del>	<del>15</del>	<del>9S</del>	<del>16E</del>	<del>ABD</del>	<del>UTU017985</del>	<del>EQUITABLE RESOURCES ENERG</del>
UTU72086A	430133061200S1	21-5	NENW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133058400S1	21-6	L3	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579600S2	22-12J	SENW	12	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133063400S1	22-15	SENW	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133138400S1	22-5	SENW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133091900S1	22-6	SENW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133136900S1	23-11	NESW	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133137300S1	23-15	NESW	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133138300S1	23-5	NESW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133055800S1	23-6	NESW	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133140900S1	24-12J	SESW	12	9S	16E	POW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430133063100S1	24-15	SESW	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133137500S1	24-5	SESW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133136300S1	24-6	SESW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579100S1	3	NWNW	14	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133061300S1	31-15	NWNE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG



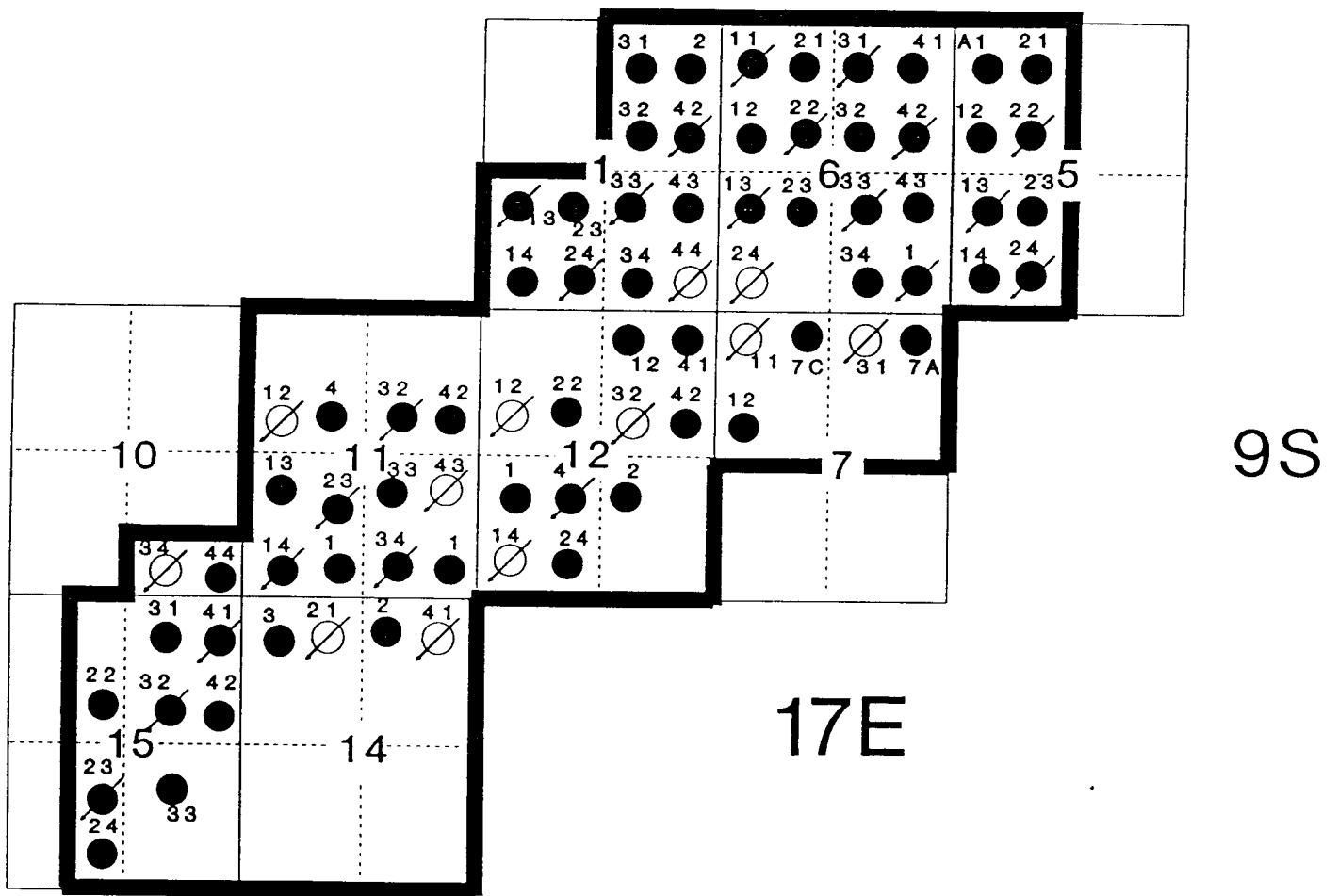
WELL STATUS REPORTS  
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
UTU72086A	430133141300S1	31-1J	L2	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
UTU72086A	430133119500S1	31-6	L2	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133140500S1	31-7J	NWNE	7	9S	17E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133138600S1	32-11	SWNE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133141900S1	32-12J	SWNE	12	9S	16E	WIW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430133136800S1	32-15	SWNE	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133141400S1	32-1J	SWNE	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
UTU72086A	430133055900S1	32-6	SWNE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133145100S1	33-11J	NWSE	11	9S	16E	OSI	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133063200S1	33-15	NWSE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133136100S1	33-6	NWSE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133141600S1	34-10J	SWSE	10	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133100300S1	34-11	SWSE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133058600S1	34-6	SWSE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133074200S1	4	NESW	12	9S	16E	WIW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579500S1	4	SENE	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133148700S1	41-12J	NENE	12	9S	16E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133140800S1	41-14J	NENE	14	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133136700S1	41-15	NENE	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133058100S1	41-6	NENE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133006600S1	42-11J	SENE	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133148600S1	42-12J	SENE	12	9S	16E	POW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430133063300S1	42-15	SENE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133140400S1	42-1J	SENE	1	9S	16E	WIW	UTU40652	EQUITABLE RESOURCES ENERG
UTU72086A	430133136400S1	42-6	SENE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133100200S1	43-11J	NESE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133058300S1	43-6	NESE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133063000S1	44-10	SESE	10	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133141500S1	44-1J	SESE	1	9S	16E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133092600S1	7-A	NENE	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133096100S1	7-C	NENW	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG

# JONAH (GREEN RIVER) UNIT

## DUCHESNE COUNTY, UTAH

EFFECTIVE: JULY 1, 1993



— UNIT OUTLINE (UTU72086A)

4,221.61 ACRES

SECONDARY  
ALLOCATION  
FEDERAL 100.00%

# OPERATOR CHANGE WORKSHEET

Routing	
1- <u>IPR</u>	6- <u>VLD</u>
2- <u>GAH</u>	7-KAS ✓
3-DTS ✓	8-SI ✓
4-VLD ✓	9-FILE ✓
5- <u>IPR</u>	

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold)       Designation of Agent  
 Designation of Operator       Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 9-30-97

<b>TO:</b> (new operator)	<u>INLAND PRODUCTION COMPANY</u>	<b>FROM:</b> (old operator)	<u>EQUITABLE RESOURCES ENERGY</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>PO BOX 577</u>
	<u>ROOSEVELT UT 84066</u>		<u>LAUREL MT 59044</u>
			<u>C/O CRAZY MTN O&amp;G SVS</u>
	Phone: <u>(801)722-5103</u>		Phone: <u>(406)628-4164</u>
	Account no. <u>N5160</u>		Account no. <u>N9890</u>

WELL(S) attach additional page if needed:

**\*JONAH (GREEN RIVER) UNIT**

Name: <b>**SEE ATTACHED**</b>	API: <u>A3-013-15796</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

## OPERATOR CHANGE DOCUMENTATION

- Jec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (*Rec'd 12-10-97*)
- Jec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (*Rec'd 10-13-97*)
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_
- Jec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- Jec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (*1-14-98*) \* *UIC/Que Hro Pro 1-14-98 & UIC/DBase 1-14-98.*
- Jec 6. **Cardex** file has been updated for each well listed above.
- Jec 7. **Well file labels** have been updated for each well listed above.
- Jec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (*1-14-98*)
- Jec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for **reference during routing and processing of the original documents.**

**ENTITY REVIEW**

- ✓ 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no. If entity assignments were changed, attach copies of Form 6, Entity Action Form.  
*Entity 11492 "Jonah (GP) Unit"*
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

**BOND VERIFICATION - (FEE WELLS ONLY)**

- N/A ✓ 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operator's bond files.
3. The FORMER operator has requested a release of liability from their bond (yes/no)    , as of today's date    . If yes, division response was made to this request by letter dated    .

**LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY**

- N/A ✓ 1. Copies of documents have been sent on     to     at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- NA 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated     19    , of their responsibility to notify all interest owners of this change.

**FILMING**

- ✓ 1. All attachments to this form have been microfilmed. Today's date: 2-3-98.

**FILING**

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form, and the original attachments are now being filed in the Operator Change file.

**COMMENTS**

980114 Bhm/SF Aprv. eff. 1-13-98.

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**  
 1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O CRAZY MTN O&G SVS'S  
 EQUITABLE RESOURCES ENERGY  
 PO BOX 577  
 LAUREL MT 59044

UTAH ACCOUNT NUMBER:           N9890          

REPORT PERIOD (MONTH/YEAR):           9 / 97          

AMENDED REPORT  (Highlight Changes)

Well Name API Number      Entity      Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
MONUMENT FED 32-6-9-16Y (RE-ENTRY) 4301331300 11211 09S 16E 6	GRRV			1474390		
FEDERAL 1-26 4304731953 11227 08S 17E 26	GR-WS			14667845		
MC&O GOVT #1 4301315111 11492 09S 16E 12	GRRV			11035521	June (02) Unit	
MC & O GOVT #2 4301315112 11492 09S 16E 12	GRRV			"		
MALLEN FEDERAL A-1 4301315780 11492 09S 17E 5	GRRV			11020252		
GOATES FED. #1 4301315789 11492 09S 16E 11	GRRV			11096547		
CRON MONUMENT FEDERAL 13-11J 4301315790 11492 09S 16E 11	GRRV			11096547		
GOATES FED #3 4301315791 11492 09S 16E 14	GRRV			11096547		
WALTON FEDERAL 1 4301315792 11492 09S 16E 11	GRRV			11096550		
WALTON FED. #2 4301315793 11492 09S 16E 14	GRRV			"		
WALTON FEDERAL 4 4301315795 11492 09S 16E 11	GRRV			"		
MONUMENT FED 22-12J 4301315796 11492 09S 16E 12	GRRV			"		
MONUMENT FED 42-11J 4301330066 11492 09S 16E 11	GRRV			"		
<b>TOTALS</b>						

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I hereby certify that this report is true and complete to the best of my knowledge. Date: \_\_\_\_\_  
 Name and Signature: \_\_\_\_\_ Telephone Number: \_\_\_\_\_

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 a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.  
**U-096550**

6. If Indian, Allottee or Tribe Name  
**NA**

7. If Unit or CA, Agreement Designation  
**JONAH**

8. Well Name and No.  
**MONUMENT FED 22-12J**

9. API Well No.  
**43-013-15796**

10. Field and Pool, or Exploratory Area  
**MONUMENT BUTTE**

11. County or Parish, State  
**DUCHESNE COUNTY, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.  
**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**2017 FNL 2098 FWL                      SE/NW Section 12, T09S R16E**

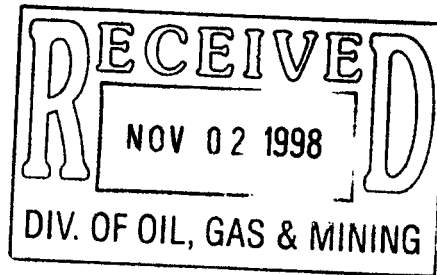
12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

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 <b>Site Security</b>
	<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.)\*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct  
Signed *Debra E. Knight* Title Manager, Regulatory Compliance Date 10/28/98

(This space for Federal or State office use)  
Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:  
**CC: UTAH DOGM**

# Inland Production Company Site Facility Diagram

Monument Federal 22-12J

SE/NW Sec. 12, T9S, 16E

Duchesne County

May 12, 1998

Site Security Plan is held at the Roosevelt Office, Roosevelt Utah

**Production Phase:**

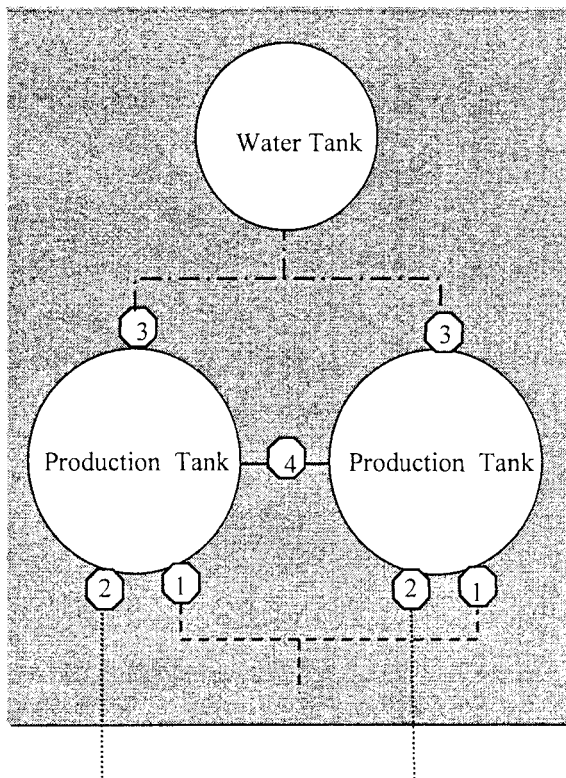
- 1) Valves 1, and 3 sealed closed
- 2) Valves 2 and 4 sealed open

**Sales Phase:**

- 1) Valves 2, 3, and 4 sealed closed
- 2) Valves 1 open

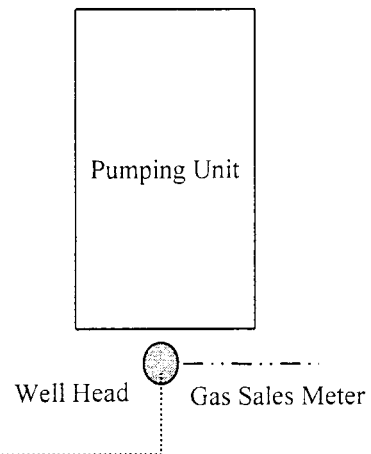
**Draining Phase:**

- 1) Valve 3 open



**Legend**

Emulsion Line	.....
Load Line	-----
Water Line	- . - . - .
Gas Sales	- . - . - .





## Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State



ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



# 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>



IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare

**OPERATOR CHANGE WORKSHEET**

<b>ROUTING</b>
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:		<b>9/1/2004</b>
<b>FROM:</b> (Old Operator): N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	<b>TO:</b> ( New Operator): N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	

**CA No. Unit: JONAH (GREEN RIVER)**

<b>WELL(S)</b>									
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
FEDERAL 2-1	01	090S	160E	4301330603	11492	Federal	OW	P	
GOATES FED 1	11	090S	160E	4301315789	11492	Federal	OW	P	K
MONUMENT FED 13-11J	11	090S	160E	4301315790	11492	Federal	OW	S	
WALTON FED 1	11	090S	160E	4301315792	11492	Federal	OW	P	
WALTON FED 4	11	090S	160E	4301315795	11492	Federal	OW	P	
MONUMENT FED 42-11J	11	090S	160E	4301330066	11492	Federal	OW	P	
C&O GOVT 1	12	090S	160E	4301315111	11492	Federal	OW	P	
C&O GOVT 2	12	090S	160E	4301315112	11492	Federal	OW	P	
MONUMENT FED 22-12J	12	090S	160E	4301315796	11492	Federal	OW	P	
GOATES FED 3	14	090S	160E	4301315791	11492	Federal	OW	P	
WALTON FED 2	14	090S	160E	4301315793	11492	Federal	OW	P	
ALLEN FED A-1	05	090S	170E	4301315780	11492	Federal	WI	A	
ALLEN FED 1-6	06	090S	170E	4301315779	11492	Federal	WI	A	
ALLEN FED 23-6	06	090S	170E	4301330558	11492	Federal	OW	P	
ALLEN FED 32-6	06	090S	170E	4301330559	11492	Federal	OW	P	
ALLEN FED 41-6	06	090S	170E	4301330581	11492	Federal	OW	P	
ALLEN FED 12-6	06	090S	170E	4301330582	11492	Federal	OW	P	
ALLEN FED 43-6	06	090S	170E	4301330583	11492	Federal	OW	P	
ALLEN FED 21-6	06	090S	170E	4301330584	11492	Federal	OW	P	
ALLEN FED 34-6	06	090S	170E	4301330586	11492	Federal	OW	P	

**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: 9/15/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
- Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
- If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

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: BLM BIA

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

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

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: 2/23/2005

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005  
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005  
3. Bond information entered in RBDMS on: 2/28/2005  
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005  
5. Injection Projects to new operator in RBDMS on: 2/28/2005  
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 0056

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 61BSBDH2912

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919  
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:**

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-096550

**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:  
JONAH UNIT

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
MONUMENT FED 22-12J

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301315796

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:  
MONUMENT BUTTE

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 2017 FNL 2098 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENW, 12, T9S, R16E

STATE: UT

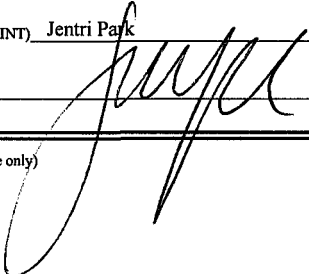
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will _____	<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"/> TEMPORARITLY 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 FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: 09/24/2008	<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/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The above subject well was recompleted and then placed back on production, attached is a daily status report. The following perforations were added in the Green River Formations:  
A3 5176'-5192' 4 JSPF 64 holes  
D3 4790'-4796' 4 JSPF 24 holes

NAME (PLEASE PRINT) Jentri Payk TITLE Production Tech

SIGNATURE  DATE 09/24/2008

(This space for State use only)

**RECEIVED**

**SEP 29 2008**

**DIV. OF OIL, GAS & MINING**

**Daily Activity Report****RECEIVED**

Format For Sundry

SEP 29 2008

MON 22-12J-9-16

DIV. OF OIL, GAS &amp; MINING

6/1/2008 To 10/30/2008

**8/23/2008 Day: 1****Recompletion**

Western #2 on 8/22/2008 - MIRU western #2. RU HO trk & pump 70 BW dn annulus @ 250°F. RD pumping unit & unseat pump. Flush tbg & rods W/ 40 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 5 BW. Pressure test tbg to 3000 psi. Retrieve rod string & pump. TOH & hang 75-3/4" plain rods. LD 40-3/4" plain rods. PU polished rod. Reflush rods W/ add'l 30 BW @ 250°F. SIFN W/ est 145 BWTR.

---

**8/26/2008 Day: 2****Recompletion**

Western #2 on 8/25/2008 - Con't TOH & LD plain rods. ND wellhead & release TA @ 4424'. NU BOP. TOH & talley production tbg--LD BHA. Flushed tbg W/ 40 BW on TOH due to waxy ID (hole filled). Talley, MU & TIH W/ new Smith 4 3/4" tooth bit, bit sub & 2 7/8 8rd 6.5# N-80 tbg. Tag fill @ 5120'. RU power swivel. C/O fill to CIBP @ 5150'. Drill out plug. Con't swivelling jts in hole to tag fill @ 5213'. C/O fill to 5224'. Very torquey & much plugging problems (lack 15' f/ PBD @ 5239'). Circ hole clean. Lost no add'l wtr to well. RD swivel. Pull EOT to 4304'. SIFN W/ est 185 BWTR.

---

**8/27/2008 Day: 3****Recompletion**

Western #2 on 8/26/2008 - 0 psi on well. Wait on hot oiler. Flush tbg w/ 50 BW. Continue TOH w/ 133 jts of 2 7/8 N-80 tbg. LD bit. RU Perforators LLC WLT. RIH w/ 16' & 6' perf guns (3 1/8" slick guns). Perforate A3 sds @ 5176- 90', D3 sds @ 4790-96'. RD WL. PU & RIH W/ 5 1/2" TS plug, Retrieving head, 6' X 2 3/8 N-80 sub, 5 1/2" HD pkr & 152 jtsof 2 7/8 8rd 6.5# N-80 tbg. Set plug @ 4932'. Test tools to 1500 psi. Set pkr @ 4628'. RU BJ services to tbg. Fill & hold pressure on annulus during frac. 0 psi on tbg. Fill tbg w/ 2.6 BW. Broke back @ 4615 @ 5 BPM. Pumped 781 gals of 4% Techni-Hib 767W Solution, 412 gals of fresh wtr spacer, 500 gals of 15% HCL w/ additives, Flush w/ 1386 gals of fresh wtr (First 630 gals had Claytreat & Inflo-250). Annulus pressure begin to climb during flush. Shut down when annulus pressure hit 1000 psi. ISIP 2938 psi. Annulus pressure continued to climb to 2042 psi. Bled off tbg pressure, Annulus pressure drop when bleeding off tbg pressure. Flowed back 22 BTF. RD BJ Services. Pressure up on annulus. Release pkr. Circulate clean. Move tools down hole & pressure test to 1500 psi, Good. Set plug @ 5215'. Install frac valve & left pkr hanging @ 5124'. SIWFN. 238 BWTR.

---

**8/28/2008 Day: 4****Recompletion**

Western #2 on 8/27/2008 - Stage 1, Tbg frac A3 sds. 0 psi on well. RU BJ services to tbg. Fill & hold pressure on annulus during frac. 0 psi on tbg. Fill tbg w/ 13.2 BW. Frac A3 sds w/ 24,666#'s of 20/40 sand in 283 bbls of Lightning 17 fluid. Broke @ 2775 psi @ 3.2 BPM. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 3548 psi @ ave rate of 13.1 BPM. ISIP 2270 psi. Begin immediate flowback on 20/64 choke @ 3 BPM. Flowed back 120 BTF & died. Pressure up on annulus. Release pkr. Circulate clean. Move tools. 424 BWTR. Stage 2, Tbg frac D3 & C sds. Set plug @ 4829'. Set pkr @ 4734'. RU BJ services to tbg. Breakdown D3 sds. Broke @ 3065 psi @ 3.2 BPM. Pumped a total of 5 BW. Release pkr. Move plug down to 4932'. Install frac valve & set pkr @ 4734'. RU BJ Services to tbg. Fill & hold pressure on annulus during frac. 0 psi on tbg. Frac D3 & C sds w/

23,599#'s of 20/40 sand in 244 bbls of Lightning 17 fluid. Broke back @ 3204 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 4323 psi @ ave rate of 13.3 BPM. ISIP 3992 psi. Begin immediate flowback on 20/64 choke @ 3 BPM. Flowed back 60 BTF & died. Pressure up on annulus. Release pkr. Circulate clean. Move tools. Set plug @ 5214'. Leave pkr hanging @ 4932'. RU swab equipment. IFL @ surface. Made 13 runs. Rec 138 BTF. FFL @ 2100. Trace of oil, No sand. RD swab equipment. SIWFN 475 BWTR.

---

8/29/2008 Day: 5

Recompletion

Western #2 on 8/28/2008 - TIH w/ tbg. Circulate 2' of sand off plug @ 5214'. Release plug. LD 161 jts of 2 7/8" N-80, pkr & plug. U & RIH w/ production tbg as follows. BP & Collar, 2-jts, 2 7/8" nipple, PBGA, 1- jt, SN, 1- jt, TA, 160 jts of 2 7/8" J-55 tbg. ND BOP. Set TA w/ 16,000#'s of tension @ 4997.70', SN @ 5031.45', EOT @ 5130.68'. NU WH. Pumped 60 BW down tbg. PU & RIH w/ rods as follows: "CDI" 2 1/2" X 1 1/2" X 20.5' RHAC (185" Max SL), 6- 1 1/2" wt bars, 20- 3/4" guided rods, 76- 3/4" plain rods, 99- 3/4" guided rods, 1-8', 1-6', 1-2' X 7/8" pony rods, 1 1/2" X 26' Polish rod. Hang head, Space out rods. Fill tbg w/ 3 BW. Pressure test w/ unit to 800 psi, Good. RD MOSU. POP @ 7:00 PM w/ 84" SL @ 5 SPM, 542 BWTR. FINAL REPORT!!!! Transferred 70 bbls of oil to production tank #1.

---

Pertinent Files: Go to File List

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SEP 29 2008

DIV. OF OIL, GAS & MINING





April 30, 2012

Mr. Mark Reinbold  
State of Utah  
Division of Oil, Gas and Mining  
1594 W North Temple  
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well  
Monument Federal #22-12J-9-16  
Monument Butte Field, Lease #U-096550  
Section 12-Township 9S-Range 16E  
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Monument Federal #22-12J-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg", written over a horizontal line.

Eric Sundberg  
Regulatory Lead

**RECEIVED**  
**MAY 01 2012**  
**DIV OF OIL, GAS, & MINING**

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**MONUMENT FEDERAL #22-12J-9-16**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #U-096550**  
**APRIL 30, 2012**

## TABLE OF CONTENTS

LETTER OF INTENT	
COVER PAGE	
TABLE OF CONTENTS	
UIC FORM 1 – APPLICATION FOR INJECTION WELL	
WELLBORE DIAGRAM OF PROPOSED INJECTION	
WORK PROCEDURE FOR INJECTION CONVERSION	
COMPLETED RULE R615-5-1 QUESTIONNAIRE	
COMPLETED RULE R615-5-2 QUESTIONNAIRE	
ATTACHMENT A	ONE-HALF MILE RADIUS MAP
ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – MONUMENT FEDERAL #22-12J-9-16
ATTACHMENT E-1	WELLBORE DIAGRAM – MONUMENT FEDERAL #41-11J-9-16
ATTACHMENT E-2	WELLBORE DIAGRAM – BALCRON MONUMENT FEDERAL #24-12J-9-16
ATTACHMENT E-3	WELLBORE DIAGRAM – BALCRON MONUMENT FEDERAL #32-12J-9-16
ATTACHMENT E-4	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #1-24-9-16
ATTACHMENT E-5	WELLBORE DIAGRAM – C & O GOVT #1-12-9-16
ATTACHMENT E-6	WELLBORE DIAGRAM – C & O GOVT #2-12-9-16
ATTACHMENT E-7	WELLBORE DIAGRAM – GETTY FEDERAL #12-1-9-16
ATTACHMENT E-8	WELLBORE DIAGRAM – JONAH M-12-9-16
ATTACHMENT E-9	WELLBORE DIAGRAM – JONAH O-12-9-16
ATTACHMENT E-10	WELLBORE DIAGRAM – JONAH S-12-9-16
ATTACHMENT E-11	WELLBORE DIAGRAM – JONAH UNIT 4-12-9-16
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED – 8/23/08 – 8/29/08
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

RECEIVED

JAN 16 2014

APPLICATION FOR INJECTION WELL - UIC FORM 1

DIV. OF OIL, GAS & MINING

OPERATOR Newfield Production Company  
ADDRESS 1001 17th Street, Suite 2000  
Denver, Colorado 80202

Well Name and number: Monument Federal #22-12J-9-16  
Field or Unit name: Monument Butte (Green River) Lease No. U-096550  
Well Location: QQ SENW section 12 township 9S range 16E county Duchesne

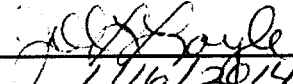
Is this application for expansion of an existing project? ..... Yes  No   
Will the proposed well be used for: Enhanced Recovery? ..... Yes  No   
Disposal? ..... Yes  No   
Storage? ..... Yes  No   
Is this application for a new well to be drilled? ..... Yes  No   
If this application is for an existing well,  
has a casing test been performed on the well? ..... Yes  No   
Date of test: \_\_\_\_\_  
API number: 43-013-15796

Proposed injection interval: from 3998 to 5235  
Proposed maximum injection: rate 500 bpd pressure 2236 psig  
Proposed injection zone contains  oil,  gas, and/or  fresh water within 1/2  
mile of the well.

**IMPORTANT:** Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Jill L Loyle Signature   
Title Regulatory Associate Date 1/16/2014  
Phone No. (303) 383-4135

(State use only)  
Application approved by \_\_\_\_\_ Title \_\_\_\_\_  
Approval Date \_\_\_\_\_

Comments:

# Monument Federal #22-12J-9-16

Spud Date: 7/05/94 (Re-entry)

Put on Production: 8/04/94

GL: 5503' KB: 5515'

Initial Production: 12 BOPD,  
NM MCFD, 0 BWPD

## Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 9-5/8"

GRADE:

WEIGHT: 32.30#

DEPTH LANDED: 228' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 200 sxs cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: K-55

WEIGHT: 15.5#

DEPTH LANDED: 5294' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 327 sxs cmt

CEMENT TOP AT: 3820' per CBL

### TUBING

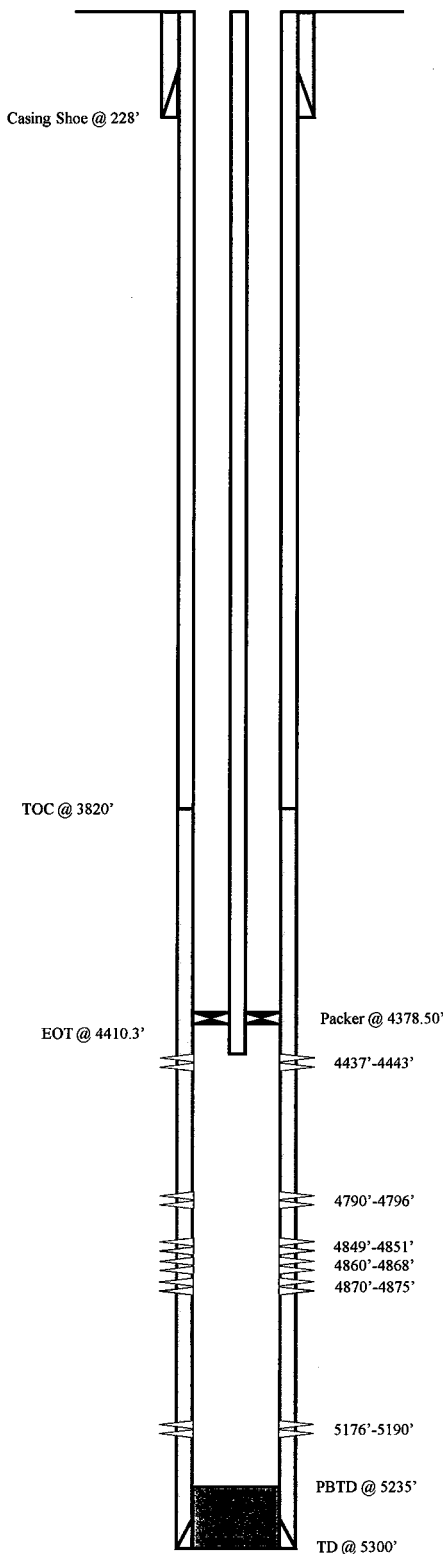
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 139jts (4378.5')

PACKER: 4378.5' KB

NO. OF JOINTS: 1jt (31.5')

TOTAL STRING LENGTH: EOT @ 4410.3'



### PERFORATION RECORD

7/14/94	4437-4443'	4 JSPF	24 holes
2/65	4440'	3 JSPF	3 holes
8/26/08	4790-4796'	4 JSPF	24 holes
2/65	4792'	3 JSPF	3 holes
2/65	4849-4851'	3 JSPF	6 holes
7/14/94	4860-4868'	4 JSPF	32 holes
2/65	4864'	3 JSPF	3 holes
7/14/94	4870-4875'	4 JSPF	20 holes
2/65	4872'	3 JSPF	3 holes
8/26/08	5176-5190'	4 JSPF	56 holes
2/65	5180'	3 JSPF	3 holes

**NEWFIELD**

Monument Fed. #22-12j  
2017' FNL & 2098' FWL  
SENW Section 12-T9S-R16E  
Duchesne Co, Utah  
API #43-013-15796; Lease #U-096550

## **WORK PROCEDURE FOR INJECTION CONVERSION**

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS  
RULE R615-5-1**

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
  
2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**
  - 2.1 **The name and address of the operator of the project.**

Newfield Production Company  
1001 17<sup>th</sup> Street, Suite 2000  
Denver, Colorado 80202
  
  - 2.2 **A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.
  
  - 2.3 **A full description of the particular operation for approval is requested.**

Approval is requested to convert the Monument Federal #22-12J-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.
  
  - 2.4 **A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.
  
  - 2.5 **The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Monument Federal #22-12J-9-16 well, the proposed injection zone is from Garden Gulch to Basal Limestone (3998' - 5239'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3676' and the TD is at 5300'.
  
  - 2.6 **A copy of a log of a representative well completed in the pool.**

The referenced log for the Monument Federal #22-12J-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #U-096550) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.



**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,  
STORAGE AND ENHANCED RECOVERY WELLS  
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

- 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 228' KB, and 5-1/2", 15.5# casing run from surface to 5294' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

**The proposed average and maximum injection pressures.**

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2236 psig.

**2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Monument Federal #22-12J-9-16, for existing perforations (4437' - 5192') calculates at 0.87 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2236 psig. We may add additional perforations between 3676' and 5300'. See Attachments G and G-1.

**2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Monument Federal #22-12J-9-16, the proposed injection zone (3998' - 5239') is in the Garden Gulch to the Basal Limestone of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

**2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-11.

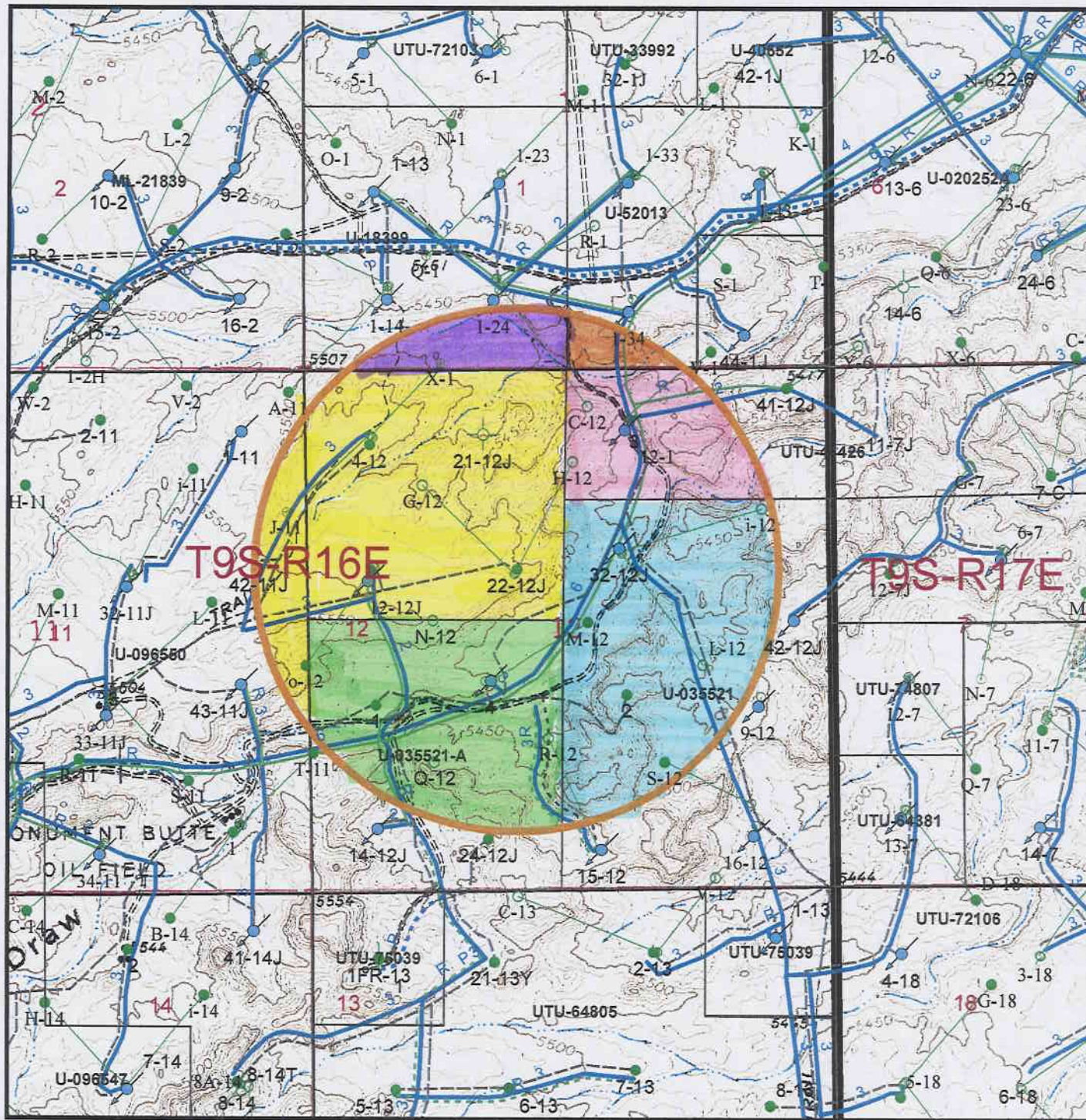
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

**2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

**2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.



**WellStatus\_HalfMile\_Buffer**

**Well Status**

- Location
- CTI
- Surface Spud
- Drilling
- Waiting on Completion
- Producing Oil Well
- Producing Gas Well
- Water Injection Well
- Dry Hole
- Temporarily Abandoned
- Plugged & Abandoned
- Shut In
- Countyline

**Injection system**

- high pressure
- low pressure
- proposed
- return
- return proposed

**Leases**

- Leases
- Mining tracts

- UTU-096550
- UTU-035521A
- UTU-035521
- UTU-044426
- UTU-52013
- UTU-18399

Mon 22-12J  
Section 12, T9S-R16E

**NEWFIELD**  
ROCKY MOUNTAINS 1 in = 1,500 feet

**1/2 Mile Radius Map**  
Duchesne & Uintah Counties

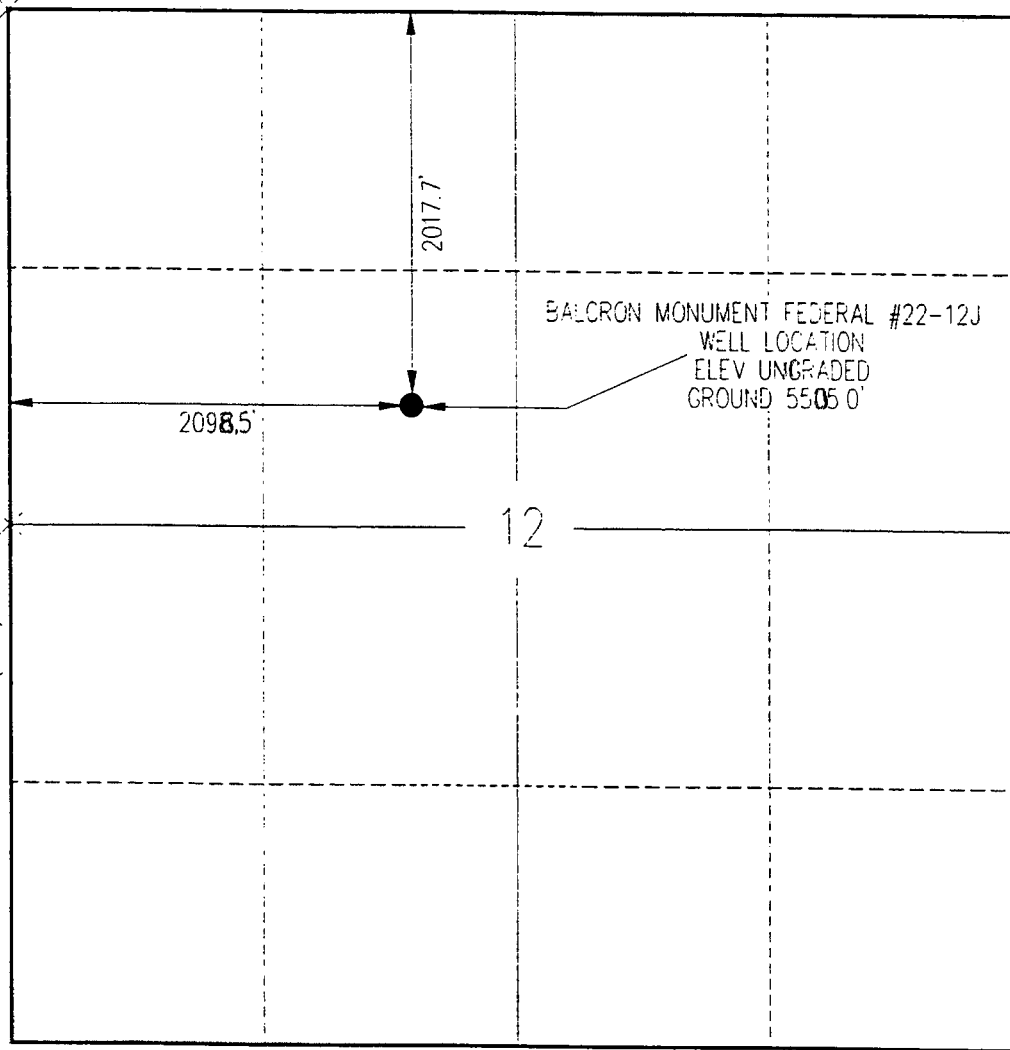
1001 17th Street Suite 2000  
Denver, Colorado 80202  
Phone: (303) 683-0102

March 13, 2012

T9S, R16E, S.L.B. & M.

S 89°58' W (GLO)

N 0°01' W (GLO) 2637.35' (MEASURED)  
BASIS OF BEARINGS



S 89°56' W (GLO)

NORTH (GLO)

EXHIBIT "I"

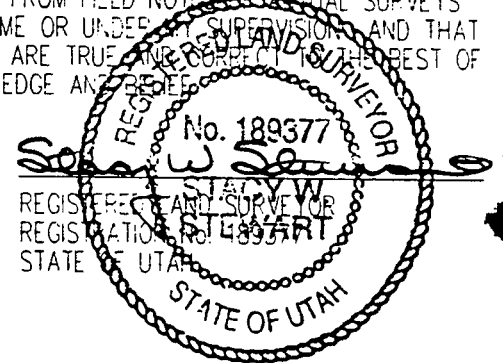
# ATTACHMENT A-1

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON MONUMENT FEDERAL #22-12J, LOCATED AS SHOWN IN THE SE 1/4 NW 1/4 OF SECTION 12, T9S, R16E, S.L.B. & M, DUCHESNE COUNTY UTAH.



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.



X = SECTION CORNERS LOCATED  
BASIS OF BEARINGS; G.L.O PLAT 1911  
BASIS OF ELEV; U.S.G.S 7-1/2 min QUAD (MYTON SE)

WEATHER: STORMY & COLD
DATE: 2/10/94
SCALE: 1" = 1000'
SURVEYED BY: SS CB
FILE: MF 22-12J



**EXHIBIT B**

<b>#</b>	<b>Legal Description</b>	<b>Lessor &amp; Expiration</b>	<b>Lessee &amp; Operating Rights</b>	<b>Surface Owner</b>
1	T9S-R16E SLM Section 11: E2, NW, NESW Section 12: NW Section 14: N2NE, SENE, NESE	USA UTU-096550 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA
2	T9S-R16E SLM Section 12: SW	USA UTU-035521A HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp Carl B Field Montana & Wyoming Oil CO MYCO Industries Inc OXY Y-1 Company Vaughey & Vaughey Bonnie B Warne John R Warne Yates Petroleum Corp	
3	T9S-R16E SLM Section 12: S2NE, SE	USA UTU -35521 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp Carl B Field Montana & Wyoming Oil CO MYCO Industries Inc OXY Y-1 Company Vaughey & Vaughey Bonnie B Warne John R Warne Yates Petroleum Corp	


4	T9S-R16E SLM Section 1: SESE Section 12: N2NE T9S-R17E Section 7: N2NE, SWNE, E2NW, Lots 1,2	USA UTU-44426 HBP	Newfield Production Company Newfield RMI LLC Lynn Dowden	USA
5	T9S-R16E SLM Section 1: N2SE, SWSE	USA UTU-52013 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA
6	T9S-R16E SLM Section 1: SW	USA UTU-18399 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Monument Federal #22-12J-9-16

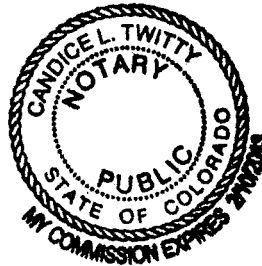
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed:   
Newfield Production Company  
Eric Sundberg  
Regulatory Lead

Sworn to and subscribed before me this 30<sup>th</sup> day of April, 2012.

Notary Public in and for the State of Colorado:   
My Commission Expires  
02/10/2013

My Commission Expires: \_\_\_\_\_



# Monument Federal #22-12J-9-16

Spud Date: 7/05/94 (Re-entry)

Put on Production: 8/04/94

GL: 5503' KB: 5515'

Initial Production: 12 BOPD,  
NM MCFD, 0 BWPD

## Wellbore Diagram

### FRAC JOB

7/19/94	4792'-4875'	<b>Frac zone as follows:</b> 27,000# 16/30 sand in 318 bbls frac fluid. Treated @ avg press of 4600 psi w/avg rate of 17.4 BPM. ISIP 3150 psi. Calc. flush: 1213 gal. Actual flush: 1205 gal.
7/19/94	4437'-4443'	<b>Frac zone as follows:</b> 21,280# 16/30 sand in 148 bbls frac fluid. Treated @ avg press of 4800 psi w/avg rate of 20 BPM. ISIP not recorded. Calc. flush: 2098 gal. Actual flush: 1092 gal. Screened out w/ 4890# sand in casing.
08/28/08		<b>Recompletion - Drill out CIBP</b>
8/28/08	5176'-5192'	<b>Frac A3 sds as follows:</b> 24,666# 20/40 sand in 283 bbls of Lightning 17 fluid. Treated w/ ave pressure of 3548 psi @ ave rate of 13.1 BPM. ISIP 2270 psi. Actual flush: 1285 gals.
8/28/08	4790'-4796'	<b>Frac D3 &amp; C sds as follows:</b> 23,599# 20/40 sand in 244 bbls of Lightning 17 fluid. Treated w/ ave pressure of 4323 psi @ ave rate of 13.3 BPM. ISIP 3992 psi. Actual flush: 1189 gals.
8/5/09		Tubing Leak. Updated rod & tubing details.
7/9/2011		Parted rods. Updated rod & tubing.

### SURFACE CASING

CSG SIZE: 9-5/8"  
GRADE:  
WEIGHT: 32.30#  
DEPTH LANDED: 228' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 200 sxs cmt

### PRODUCTION CASING

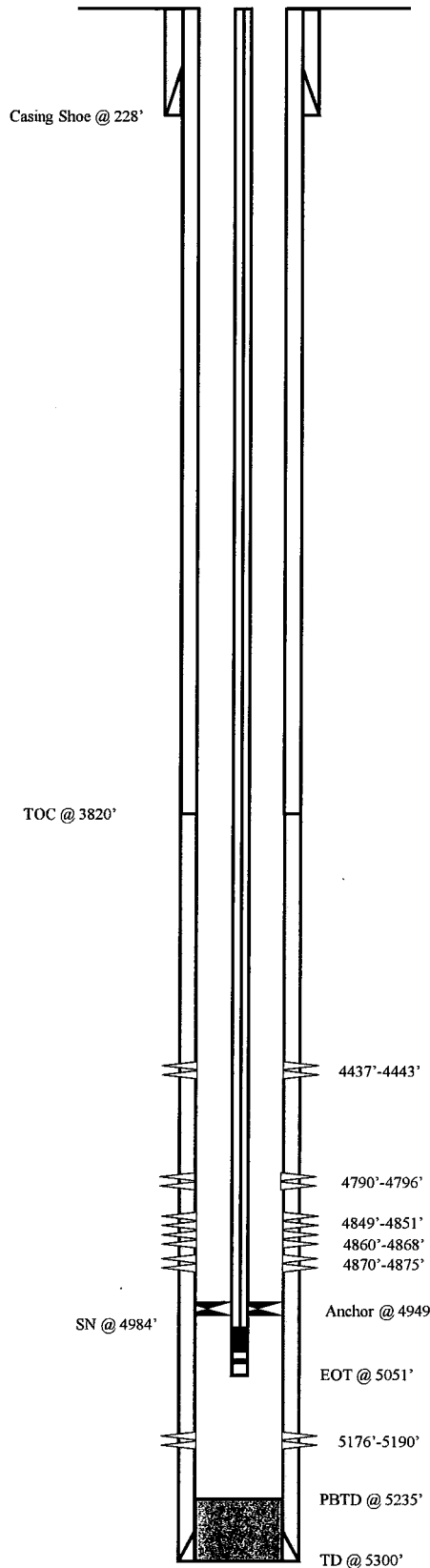
CSG SIZE: 5-1/2"  
GRADE: K-55  
WEIGHT: 15.5#  
DEPTH LANDED: 5294' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 327 sxs cmt  
CEMENT TOP AT: 3820' per CBL

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 160jts (4949.2')  
TUBING ANCHOR: 4949.2' KB  
NO. OF JOINTS: 1jt (31.6')  
SEATING NIPPLE: 2-7/8" (1.10")  
SN LANDED AT: 4983.6'  
NO. OF JOINTS: 1jt (30.2')  
GAS ANCHOR: 2-7/8" (5.0')  
TOTAL STRING LENGTH: EOT @ 5051'

### SUCKER RODS

POLISHED ROD: 26' x 1-1/2"  
SUCKER RODS: 2', 4', 8' x 7/8" Pony Rod, 98 x 7/8" 4per Guided Rod, 76 x 3/4" Sucker Rod, 20 x 3/4" 4per Guided Rod, 6 x 1-1/2" Sinker Bars  
PUMP SIZE: 2-1/2" x 1-1/2" x 16' x 20-1/2" RHAC  
STROKE LENGTH: 76"  
PUMP SPEED, SPM: 4  
PUMPING UNIT: LUFKIN C-320D-246-86



### PERFORATION RECORD

7/14/94	4437'-4443'	4 JSPF	24 holes
2/65	4440'	3 JSPF	3 holes
8/26/08	4790'-4796'	4 JSPF	24 holes
2/65	4792'	3 JSPF	3 holes
2/65	4849'-4851'	3 JSPF	6 holes
7/14/94	4860'-4868'	4 JSPF	32 holes
2/65	4864'	3 JSPF	3 holes
7/14/94	4870'-4875'	4 JSPF	20 holes
2/65	4872'	3 JSPF	3 holes
8/26/08	5176'-5190'	4 JSPF	56 holes
2/65	5180'	3 JSPF	3 holes

**NEWFIELD**

Monument Fed. #22-12j  
2017' FNL & 2098' FWL  
SEW Section 12-T9S-R16E  
Duchesne Co, Utah  
API #43-013-15796; Lease #U-096550



# Monument Federal 42-11J-9-16

Spud Date: 6/28/1994 (Re-entry)  
 Put on Production: 8/01/1994  
 GL: 5554' KB: 5564'

Initial Production: 33 BOPD,  
 NM MCFD, 0 BWPD

Injection Wellbore  
 Diagram

**SURFACE CASING**

CSG SIZE 8-5/8"  
 GRADE J-55  
 WEIGHT 24#  
 DEPTH LANDED: 140' KB  
 HOLE SIZE 12-1/4"  
 CEMENT DATA 150 sxs cement.

**PRODUCTION CASING**

CSG SIZE 5-1/2"  
 GRADE J-55  
 WEIGHT 15.5#  
 LENGTH 122 jts (5261 75')  
 DEPTH LANDED: 5270 75'  
 HOLE SIZE 7-7/8"  
 CEMENT DATA 290 sxs Super "G" & 150 sxs 50/50 POZ  
 CEMENT TOP AT 1825' per CBL

**TUBING**

SIZE/GRADE/WT 2-7/8" / J-55 / 6.5#  
 NO OF JOINTS 1 jts (41.6')  
 TBG PUP 5jts 2-7/8" N-80 AT 69.9'  
 NO OF JOINTS 124 jts (4009.4')  
 SEATING NIPPLE: 2-7/8" (1 10')  
 SN LANDED AT 4087 5' KB  
 ARROW #1 PACKER CE AT 4085'  
 NO OF JOINTS 17 jts (550.8')  
 XO 2-3/8 x 2-7/8 J-55 AT 4644.6'  
 ARROW #1 PACKER CE AT 4640'  
 SEATING NIPPLE 2-3/8" (1 10')  
 SN LANDED AT 4645 1' KB  
 XO 2-3/8 x 2-7/8 J-55 AT 4646.2'  
 TOTAL STRING LENGTH EOT @ 4655'

**FRAC JOB**

7/16/94 5188'-5196' **Frac zone as follows:**  
 14,860# 20/40 sand + 11,600# 16/30 sand in 290 bbls 2% KCl frac fluid. Treated @ avg press of 3000 psi w/avg rate of 30 BPM. ISIP 4400 psi. Screened out with 1660# sand left in casing.

7/16/94 4736'-4741' **Frac zone as follows:**  
 14,100# 16/30 sand in 220 bbls 2% KCl frac fluid. Treated @ avg press of 4550 psi w/avg rate of 25 BPM. ISIP 1670 psi

3/23/02 **Tubing leak.** Update rod and tubing details.

11/6/02 4736'-5196' **Frac D,B,A Sands as follows:**  
 70,000# 20/40 sand in 538 bbls Viking 1-25 frac fluid. Treated @ avg press of 1975 psi w/avg rate of 26.5 BPM. ISIP 2420 psi. Calc flush 4736 gal Actual flush: 4662 gal.

11/6/02 4164'-4276' **Frac GB,PT Sands as follows:**  
 95,021# 20/40 sand in 674 bbls Viking 1-25 frac fluid. Treated @ avg press of 1825 psi w/avg rate of 25 BPM. ISIP 2080 psi Calc flush: 4164 gal. Actual flush: 4074 gal

6-1-05 **Parted Rods**, updated Rod Detail

11-2-07 **Tubing Leak**, Updated rod & tubing details.

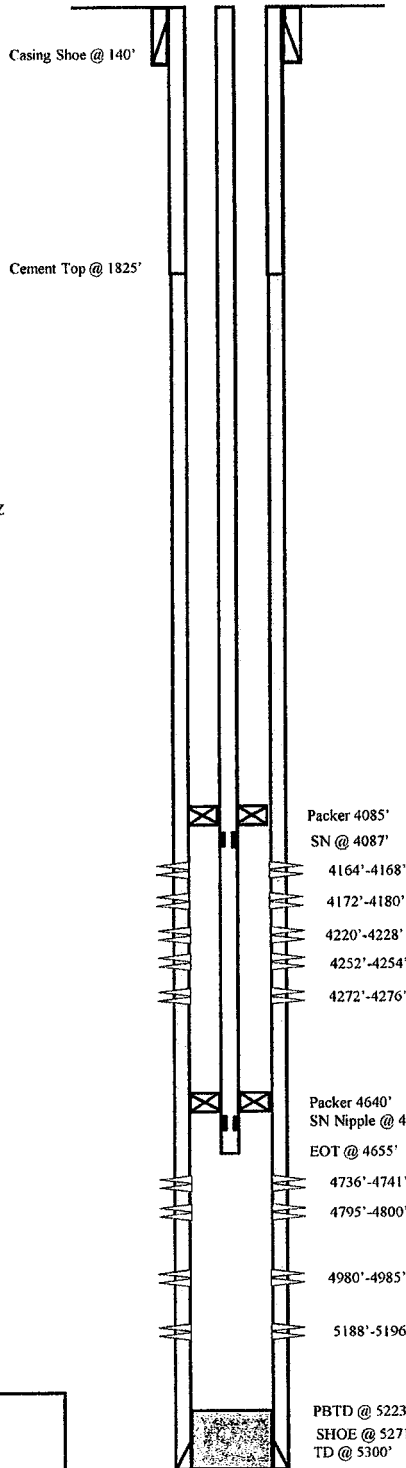
3/4/09 **Parted rods** Updated r & t details.

5/7/2010 **Tubing leak**, Updated rod and tubing detail

3/13/12 **Convert to Injection Well**

3/16/12 **Conversion MIT Finalized** - tbg detail updated

10/12/12 **Workover - Water Isolation - MIT Finalized** - update tbg detail



Packer 4085'  
 SN @ 4087'  
 4164'-4168'  
 4172'-4180'  
 4220'-4228'  
 4252'-4254'  
 4272'-4276'  
 Packer 4640'  
 SN Nipple @ 4645'  
 EOT @ 4655'  
 4736'-4741'  
 4795'-4800'  
 4980'-4985'  
 5188'-5196'  
 PBT @ 5223'  
 SHOE @ 5271'  
 TD @ 5300'

**PERFORATION RECORD**

	7/14/94	5188'-5196'	4 JSPF	32 holes
	7/16/94	4736'-4741'	4 JSPF	20 holes
<b>RE-PERF</b>	11/5/02	5188'-5196'	5 JSPF	40 holes
	11/5/02	4980'-4985'	4 JSPF	20 holes
	11/5/02	4795'-4800'	4 JSPF	20 holes
<b>RE-PERF</b>	11/5/02	4736'-4741'	5 JSPF	25 holes
	11/6/02	4272'-4276'	4 JSPF	16 holes
	11/6/02	4252'-4254'	4 JSPF	8 holes
	11/6/02	4220'-4228'	4 JSPF	32 holes
	11/6/02	4172'-4180'	4 JSPF	32 holes
	11/6/02	4164'-4168'	4 JSPF	16 holes

**NEWFIELD**

**Monument Federal 42-11J-9-16**  
 1991' FNL & 495' FEL  
 SENE Section 11-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-30066; Lease #UTU-096550

Balcron Monument Federal 24-12J-9-16

Spud Date: 11/8/93  
 Put on Production: 12/30/93  
 GL: 5495' KB: 5505'

Wellbore Diagram

SURFACE CASING

CSG SIZE 8-5/8"  
 GRADE J-55  
 WEIGHT 24#  
 LENGTH 6jts. (271.28')  
 DEPTH LANDED 279'  
 HOLE SIZE 12-1/4"  
 CEMENT DATA: 150 sxs Class "G" cmt

PRODUCTION CASING

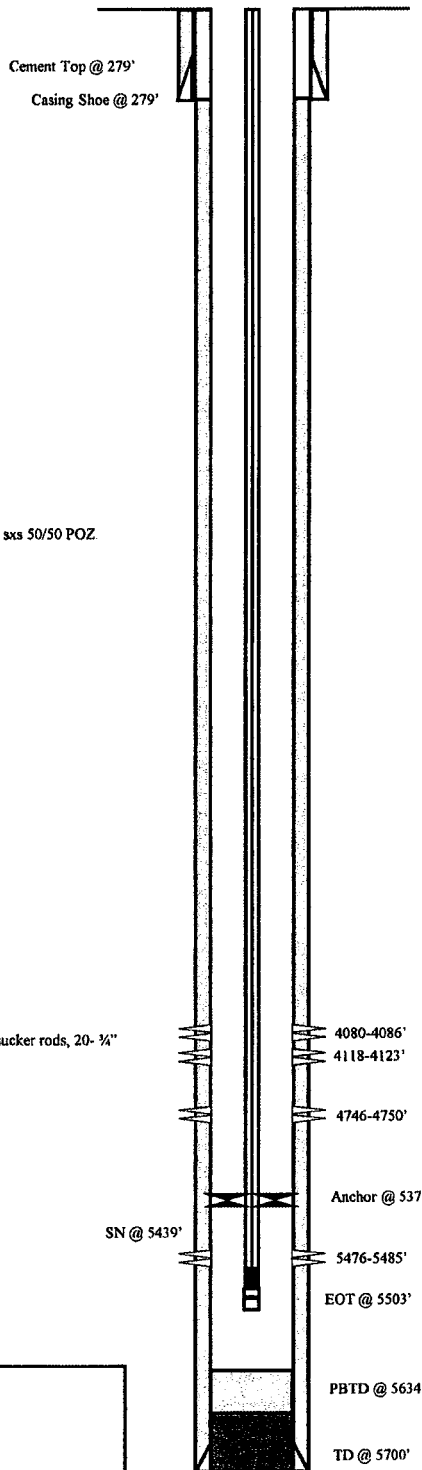
CSG SIZE 5-1/2"  
 GRADE J-55  
 WEIGHT 15.5#  
 LENGTH 129 jts. (5676.22')  
 HOLE SIZE 7-7/8"  
 DEPTH LANDED 5685 22'  
 CEMENT DATA 204 sxs Prem. Lite II mixed & 215 sxs 50/50 POZ.  
 CEMENT TOP AT 279'

TUBING

SIZE/GRADE/WT 2-7/8" / J-55 / 6.5#  
 NO OF JOINTS 172 jts (5361')  
 TUBING ANCHOR 5371.7'  
 NO OF JOINTS 1 jts (64.2')  
 SEATING NIPPLE 2-7/8" (1 1')  
 SN LANDED AT 5438.7' KB  
 NO OF JOINTS 2 jts (5439.8')  
 TOTAL STRING LENGTH EOT @ 5503'

SUCKER RODS

POLISHED ROD: 1-1/4" x 22'  
 SUCKER RODS 77- 3/4" guided rods (4 per), 114- 3/4" sucker rods, 20- 3/4" guided rods (4 per), 6- 1 1/2" weight bars  
 PUMP SIZE 2 1/2 x 1 1/2 x 16' RHAC  
 STROKE LENGTH 76  
 PUMP SPEED: 4.5 SPM



FRAC JOB

- 12/22/93 4080'-4123' Frac Frac sands as follows:  
with 33085 # 16-30 sand in  
500 bbls of YF155 2% KCl water
- 12/17/93 4746'-4750' Frac sands as follows:  
with 13978# 16-30 sand in 247 bbls of  
YF155 2% KCl water. Screened out  
during flush. ATR 15 BPM @ 2500 psi,  
max 3350 psi. I SI P 2450 psi, 10 min -  
1488 psi, 15 min - 1484 psi.
- 12/14/93 Frac sands as follows:  
Screened out - no details available.
- 12/7/09 Parted rods. Updated rod and tubing  
details.

PERFORATION RECORD

Interval	JSPF	Holes
4080'-4086'	2 JSPF	12 holes
4118'-4123'	2 JSPF	10 holes
4746'-4750'	2 JSPF	8 holes
5476'-5485'	2 JSPF	18 holes

**NEWFIELD**

Balcron Monument Federal 24-12J-9-16  
 539' FSL & 1777' FWL  
 SE/SW Section 12-T9S-R16E  
 Duchesne Co, Utah  
 API # 43-013-31409; Lease # U-035521-A

## Balcron Monument Federal #32-12j

Elev. @ GL = 5417', KB = 5427' (10' KB)

Injection Wellbore Diagram

### SURFACE CASING

8-5/8", 24#, J-55  
 Length @ 255.30'  
 Hole size @ 12-1/4"  
 Depth Landed @ 263' KB  
 Cemented w/ 160 sacks "G" w/  
 2% OCL & 1/4 lbs/sack Cel of lakes.  
 Cemented to surface.

### PRODUCTION CASING

5-1/2", 15.5#, K-55  
 Length @ 5787.96'  
 Hole size @ 7-7/8"  
 Depth Landed @ 5796.96' KB  
 Cemented w/ 238 sacks Thrifty-Lite and  
 tailed w/ 250 sacks 50-50 PCZ.  
 Cement top @ 933' per CBL

### TUBING

2-7/8", 6.5#, J-55  
 152 jnts @ 4753.5'  
 SN @ 2-7/8" x 1.10' (2.25" ID)  
 Perf Sub @ 2-7/8" x 3'  
 TA @ 2-1/2" x 5-1/2" x 2.35'  
 MA @ 2-7/8" x 31.10'  
 Total string length @ 5018.94' KB  
 SN landed @ 4984.64' KB

### ROD STRING

1 - 1-1/4" x 22' Polish Rod  
 1 - 3/4" x 4' Pony  
 1 - 3/4" x 6' Pony  
 1 - 3/4" x 8' Pony  
 198 - 3/4" x 25' D-61 Plain Rods

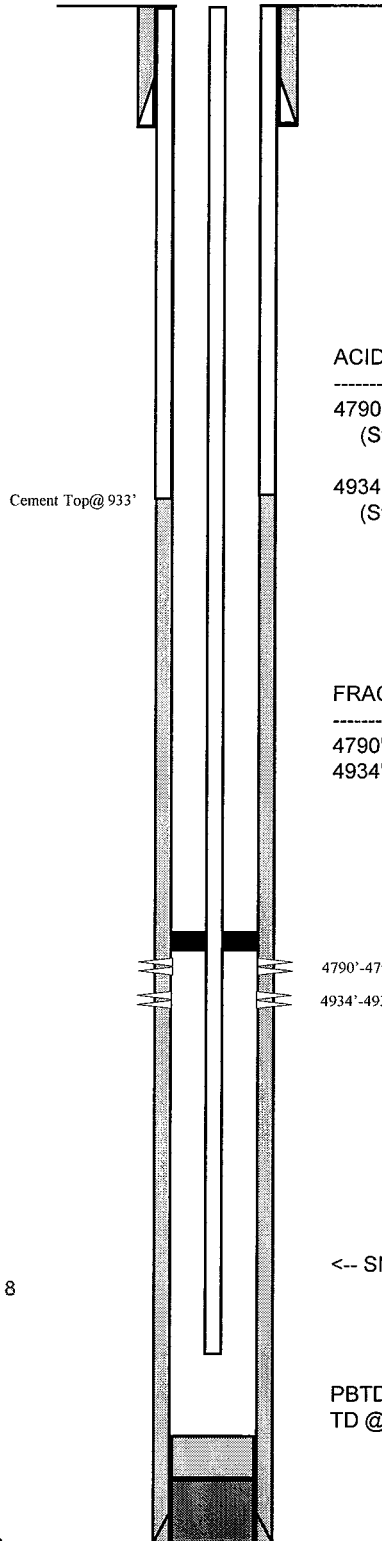
Pump size @ 2-1/2" x 1-1/2" x 16' RWAC  
 w/ PA plunger.

Stroke Length @ 89", 3-1/2 SPM

Pumping Unit size: Lufkin LM-228D-213-8

Ajax Engine Model E-42

Tanks - 2 @ 12' x 20' (400 bbl)



### ACID/BREAKDOWN JOBS

4790'-4798' KB - 4-18-94 by Western w/500 gals  
 (Stage #1) 15% HCL acid. ISIP 950 psi.  
 4934'-4938' KB - 4-18-94 by Western w/500 gals  
 (Stage #2) 15% HCL acid. ISIP 1100 psi.

### FRAC JOBS

4790'-4798' KB & 4-18-94 by Western w/37,340#  
 4934'-4938' KB - 16/30 mesh sand in 18,388 gals  
 2% KCL gelled wtr. ATP 2700 psi,  
 max 2990 psi. ATR 30 BPM,  
 max 30.4 BPM. ISIP 1850 psi,  
 5 min 1680 psi, 10 min 1560 psi,  
 & 15 min 1500 psi.

### PERFORATION RECORD

4790'-4798' KB (8 holes) RED 5  
 4934'-4938' KB (7 holes) GREEN 1

4790'-4798' red 5 sds  
 4934'-4938' green 1 sds

<-- SN landed @ 4984.64' KB

PBTD @ 5751.65' KB  
 TD @ 5,800' KB



BALCRON MONUMENT FEDERAL #32-12J  
 Jonah Unit / Monument Butte Field  
 Lease No. U-035521  
 SWNE Section 12, T9S, R16E  
 Duchesne County, Utah

API # 43-013-31419

Spud Date: 12/11/82  
 Put on production: 2/2/83  
 Put on Injection: 8/18/94  
 GL: 5459' KB: 5474.5'

# Monument Butte Federal #1-24-9-16

Initial Production: 62 STBOPD,  
 75 MCFD, 40 STBWPD

Injection Diagram

**SURFACE CASING**

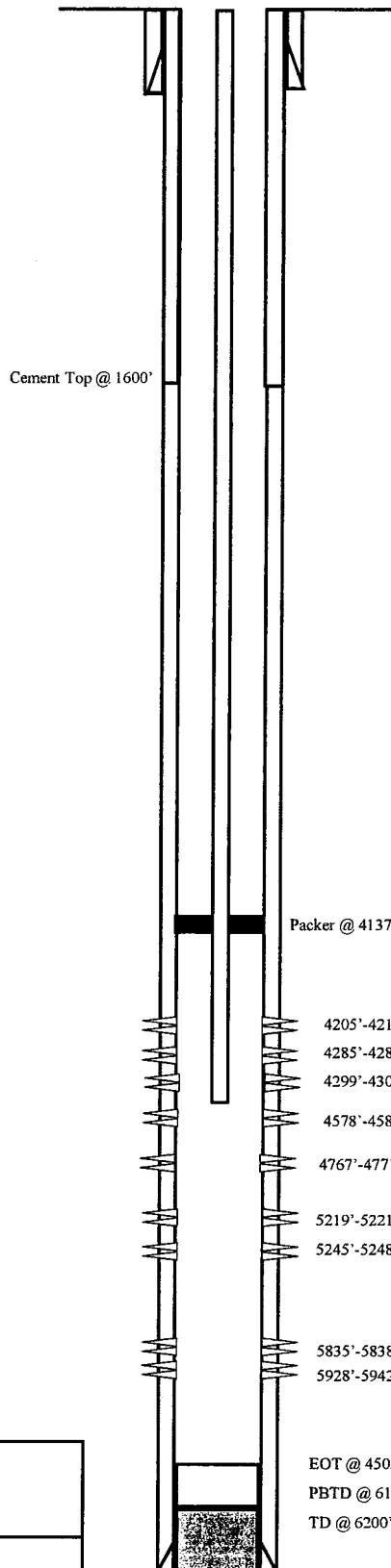
SIZE: 8 5/8" / J-55 / 24 lbs  
 LENGTH: 7 jts @ 274'  
 HOLE SIZE: 12 1/4"  
 DEPTH LANDED: 289' KB  
 CEMENT DATA: 225 sx, Class G Cement to surface

**PRODUCTION CASING**

SIZE: 5 1/2" / J-55 / 15 5#  
 LENGTH: 472'  
 SIZE: 5 1/2" / J-55 / 14#  
 LENGTH: 5693'  
 HOLE SIZE: 7 7/8"  
 DEPTH LANDED: 6170' KB  
 CEMENT DATA: 480 sx, BJ Lite & 650 sx, Class G  
 CEMENT TOP AT: 1600' KB from CBL

**INJECTION EQUIPMENT & SIZE**

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 1 @ (32.50')  
 2 7/8" TBG SUB: @ (4.00')  
 2 7/8" TBG SUB: @ (10.00')  
 NO. OF JOINTS: 127 jts @ (4069.84')  
 PACKER @ (4136.79')  
 NO. OF JOINTS: 11  
 "XA SLIDING SLEEVE @ (3 13')  
 NO. OF JOINTS 1 @ (31 62')  
 TOTAL STRING LENGTH: EOT @ 4505' KB



**FRAC JOB**

- 1/25/83. 4205'- 4304', Frac w/Halliburton  
 51500 gal X-linked Gel w/142000 lbs 20-40 sand. Avg 30 BPM @ 2442 psig, max @ 2590 psig, ISIP @ 2230 psig, 5 min @ 1950 psig, 10 min @ 1860 psig, 15 min @ 1800 psig.
- 1/19/83. 4578'- 4586', Frac w/Halliburton  
 22720 gal X-linked Gel w/57500 lbs 20-40 sand. Avg 26 BPM @ 2571 psig, max @ 2910 psig, ISIP @ 2220 psig, 5 min @ 2080 psig, 10 min @ 2030 psig, 15 min @ 2000 psig.
- 1/14/83. 4767'- 5221', Frac w/Halliburton  
 26900 gal X-linked Gel w/61500 lbs 20-40 sand. Avg 35 BPM @ 2973 psig, max @ 3250 psig, ISIP @ 1970 psig, 5 min @ 1860 psig, 10 min @ 1780 psig, 15 min @ 1740 psig.
- 1/9/83. 5835'- 5942', Frac w/Halliburton  
 36000 gal X-linked Gel w/89000 lbs 20-40 sand. Avg 30 BPM @ 2566 psig, max @ 2960 psig, ISIP @ 2020 psig, 5 min @ 1830 psig, 10 min @ 1770 psig, 15 min @ 1700 psig.
- 7/10/02 Tubing leak, MIT Update tubing details
- 11/10/06 Re-completion, Acidize BSS, A1, A3, and D1 sds. Drill out CIBP
- 10/13/06 5928'-5942' Acidize BSS sand as follows:  
 5 BW ahead of acid: IR @ 1 BPM @ 1000 psi, 350 gals acid on perms: IR @ 1 BPM @ 1575 psi, 5 BW overdisplacement: Final IR @ 1 BPM @ 1660 psi, ISIP 1650 psi
- 10/13/06 5219'-5248' Acidize A1 & A5 sands as follows:  
 5 BW ahead of acid: IR @ 5 BPM @ 4000 psi, 400 gals acid on perms: IR @ 1.5 BPM @ 1100 psi 5 BW overdisplacement. Final IR @ 1.5 BPM @ 1100 psi, ISIP 1400 psi.

**PERFORATION RECORD**

4205'- 4212'	1 SPF
4285'- 4287'	1 SPF
4299'- 4304'	1 SPF
4578'- 4586'	2 SPF
4767'- 4771'	2 SPF
5219'- 5221'	1 SPF
5245'- 5248'	1 SPF
5835'- 5838'	1 SPF
5928'- 5942'	1 SPF

4205'-4212'  
 4285'-4287'  
 4299'-4304'  
 4578'-4586'  
 4767'-4771'  
 5219'-5221'  
 5245'-5248'  
 5835'-5838'  
 5928'-5942'  
 EOT @ 4505'  
 PBTd @ 6120'  
 TD @ 6200'

**NEWFIELD**

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**Monument Butte Federal #1-24-9-16**  
 820 FSL & 1950 FWL  
 SESW Section 1-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-30701; Lease #U-18399

## C & O Gvmt. #1-12-9-16

Spud Date: 10/12/64  
 Put on Production: 12/10/64  
 GL: 5456' KB: 5468'

Initial Production: 480 BOPD, 0 BWPD

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 10 3/4"  
 WEIGHT: 32.75#  
 LENGTH: 8 jts. (217')  
 DEPTH LANDED: 229'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 135 cu. ft. Ideal Type II.

#### PRODUCTION CASING

CSG SIZE: 5-1/2" / 17# / N-80  
 LENGTH: 41 jts. (1253.85')  
 CSG SIZE: 5-1/2" / 15.5# / J-55  
 LENGTH: 127 jts. (3927.00')  
 CSG SIZE: 5-1/2" / 17# / N-80  
 LENGTH: 1 jt. (20.00')  
 DEPTH LANDED: 5200.00'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 315 cu. ft. 50/50 POZ + 75 sxs 50/50 POZ.  
 CEMENT TOP AT: 4750' per CBL

#### TUBING

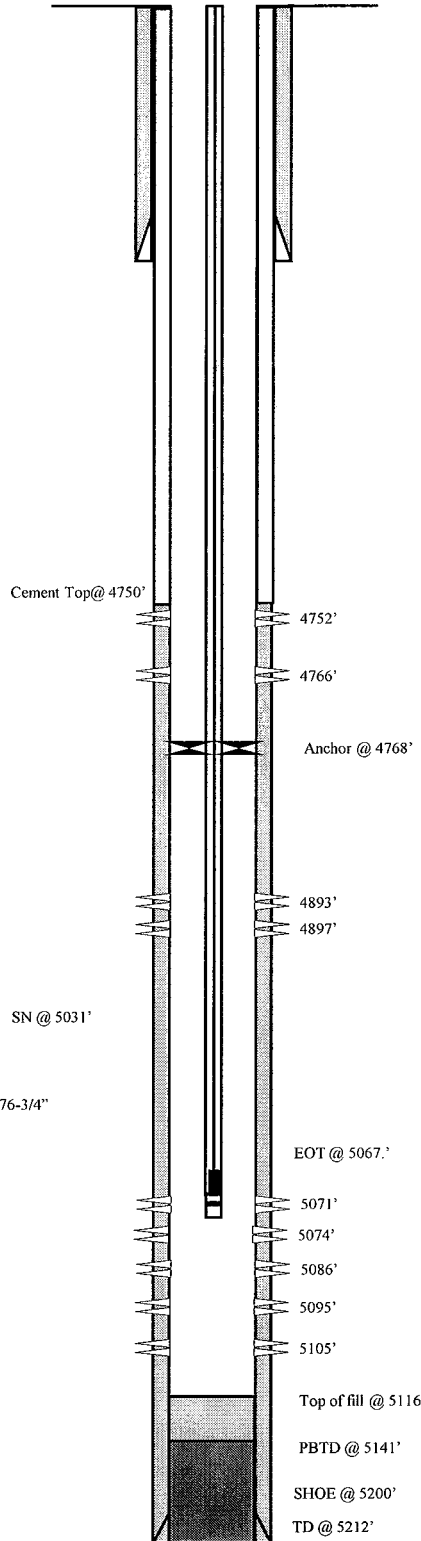
SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 154 jts (4755.94') 20 new  
 TUBING ANCHOR: 4767.94' KB  
 NO. OF JOINTS: 8 jts (260.21')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5030.95' KB  
 NO. OF JOINTS: 1 jts Perf sub (4')  
 NO. OF JOINTS: 1 jts (30.88')  
 TOTAL STRING LENGTH: EOT @ 5067.38'

#### SUCKER RODS

POLISHED ROD: 1 1/4" x 16' polished rods  
 SUCKER RODS: 1-2' & 1-4' x 3/4" pony rods, 95-3/4" guided rods, 76-3/4" plain rods, 20-3/4" guided rods, 6-1 5/8" wt bars  
 PUMP SIZE: 2 1/2" x 1 1/2" x 16' RHAC  
 STROKE LENGTH: 44"  
 PUMP SPEED, SPM: 5 SPM  
 LOGS: IES, SGR, ML, CBL

#### FRAC JOB

12/64	5071'-5074'	<b>Frac zone as follows:</b> 13,900# sand + 3150# glass beads in 721 bbls lease crude oil. Treated @ avg press of 3850 psi w/avg rate of 37 BPM.
12/64	4893'-4897'	<b>Frac zone as follows:</b> 13,900# sand + 1575# glass beads in 721 bbls lease crude oil. Treated @ avg press of 4000 psi w/avg rate of 29 BPM.
5/20/73	5071'-5105'	<b>Frac zone as follows:</b> 16,500# 10/20 sand in 381 bbls frac fluid. Treated @ avg press of 2300 psi w/avg rate of 6 BPM.
5/21/73	4752'-4766'	<b>Frac zone as follows:</b> 14,000# 10/20 sand in 381 bbls frac fluid. Treated @ avg press of 3500 psi w/avg rate of 16 BPM.
6/18/99		Pump change. Update rod and tubing details.
5/13/03		Tubing leak. Update rod and tubing details.
08/29/06		Pump Change. Update rod & Tubing details



#### PERFORATION RECORD

Date	Depth (ft)	SPF	Holes
12/64	5074'	4	04 holes
12/64	5071'	4	04 holes
12/64	4897'	4	04 holes
12/64	4893'	4	04 holes
05/93	5105'	3	03 holes
05/93	5095'	3	03 holes
05/93	5086'	3	03 holes
05/93	4766'	3	03 holes
05/93	4752'	3	03 holes



C&O Gov't. #1-12-9-16  
 1905 FSL & 660 FWL  
 NWSW Section 12-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-15111 Lease #U-035521 A

## C&O Govt. #2-12-9-16

Spud Date: 6/15/1965  
 Put on Production: 7/23/1965  
 GL: 5515' KB: 5525'

Initial Production: 130 BOPD,  
 NM MCFD, 15 BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 271'  
 DEPTH LANDED: 281'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 176 sxs cement.

### PRODUCTION CASING

CSG SIZE: 5-1/2" / 14#  
 LENGTH: 0-2500'  
 CSG SIZE: 5-1/2" / 15.5#  
 LENGTH: 2500'-5260'  
 DEPTH LANDED: 5260'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 206 cu. ft. slurry  
 CEMENT TOP AT: 4300' per CBL.

### TUBING

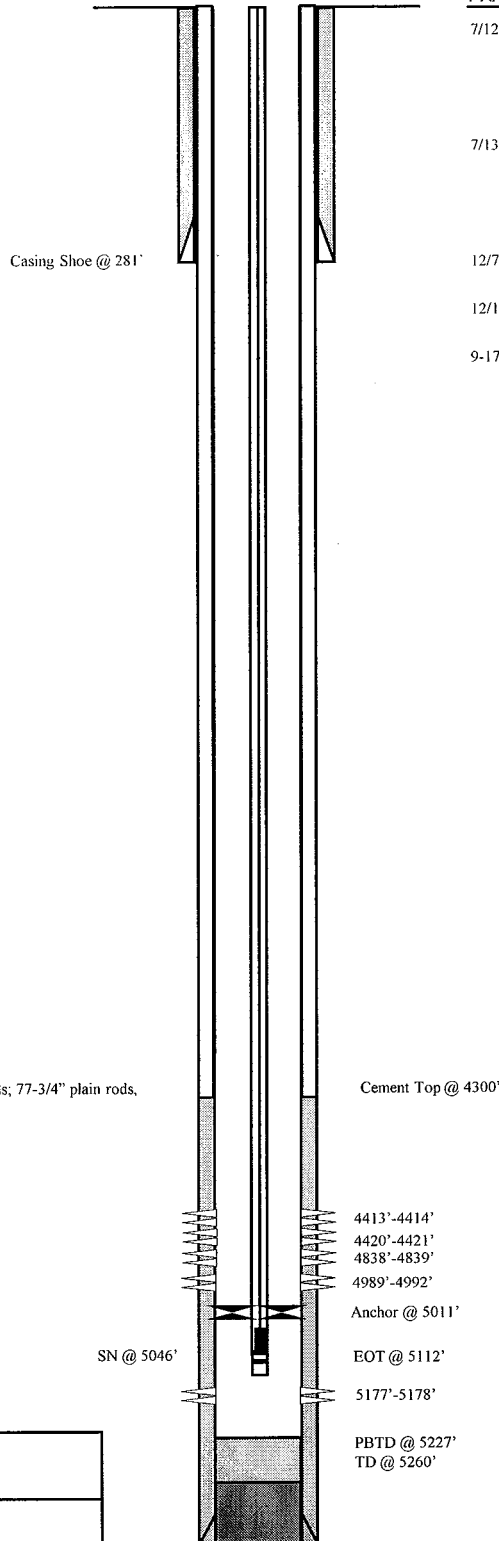
SIZE/GRADE/WT.: 2-7/8" / J-55  
 NO. OF JOINTS: 161 jts (5000.62')  
 TUBING ANCHOR: 5010.62'  
 NO. OF JOINTS: 1 jts (32.64')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5046.06'  
 NO. OF JOINTS: 2 jts (64.32')  
 TOTAL STRING LENGTH: EOT @ 5111.53'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
 SUCKER RODS: 4-1 1/2" weight bars; 20-3/4" guided rods; 77-3/4" plain rods,  
 100-3/4" guided rods, 2-4", x 3/4" pony subs.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 14 1/2' RHAC  
 STROKE LENGTH: 56"  
 PUMP SPEED, SPM: 4.5 SPM


### FRAC JOB

7/12/65	4413'-5178'	<b>Frac zone as follows:</b> 50,000# 20/40 sand + 4000# 8/12 glass beads in 1238 bbls 2% KCl wrt. Treated @ avg press of 2650 psi w/avg rate of 48.5 BPM. ISIP 2000 psi.
7/13/84	4989'-4992'	<b>Frac zone as follows:</b> 55,000# 20/40 sand in 464 bbls 2% KCl wrt. Tubing burst when final stage screened out on perfs. Approx. 34,000# sand in perfs.
12/7/05		Pump change. Update rod and tubing details.
12/13/05		Pump change. Update rod and tubing details.
9-17-07		Pump change. Updated rod & tubing details.



### PERFORATION RECORD

Date	Depth Range	SPF	Holes
7/11/65	5177'-5178'	4 SPF	04 holes
7/11/65	4838'-4839'	4 SPF	04 holes
7/11/65	4420'-4421'	4 SPF	04 holes
7/11/65	4413'-4414'	4 SPF	04 holes
7/13/84	4989'-4992'	4 SPF	16 holes



**C&O Govt. #2**  
 1980' FSL & 2080' FEL  
 NWSE Section 12-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-15112; Lease #UTU-035521

## Getty Federal 12-1-9-16

Spud Date: 1/30/84  
 Put on Production: 3/13/84  
 GL: 5412' KB: 5425'

Initial Production: 60 BOPD, 106 MCFD, 3 BWPD

### Injection Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 6 jts. (227')  
 DEPTH LANDED: 240'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 175 sxs Class "H" cmt, circulate to surf.

#### PRODUCTION CASING

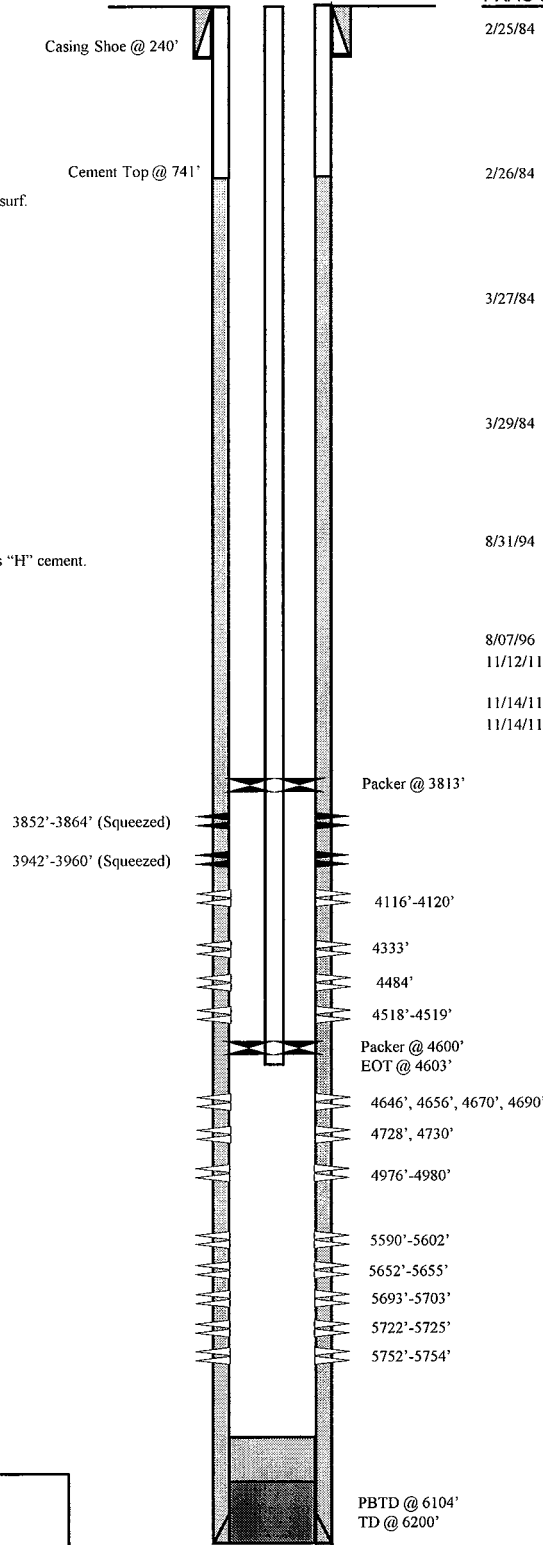
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 151 jts. (6160')  
 DEPTH LANDED: 6173'  
 HOLE SIZE: 8 3/4"  
 CEMENT DATA: 760 sxs 65/35 POZ & 555 sxs Class "H" cement.  
 CEMENT TOP AT: 741' per CBL

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 TUBING: 1 jt (33.0')  
 TUBING PUP: 1 jt (18.2')  
 NO. OF JOINTS: 120 jts (3743.6')  
 CE @ 3812.79'  
 TUBING: 25 jts (784.0')  
 XO: 2-3/8" (0.5)  
 SEATING NIPPLE: 2-3/8" (1.10')  
 SN LANDED AT: 4601.0' KB  
 XO: 2-3/8" (0.5)  
 WRP CE @ 4600'  
 TOTAL STRING LENGTH: EOT @ 4603' KB

#### FRAC JOB

2/25/84	5693'-5754'	<b>Frac zone as follows:</b> 60,000# 20/40 sand + 20,000# 12/20 sand in 642 bbls Apollo fluid. Treated @ avg press of 2800 psi w/avg rate of 27 BPM. ISIP 1200 psi. Calc. flush: 5693 gal. Actual flush: 2058 gal. Screened out w/ 13,000# sand in casing.
2/26/84	3852'-4730'	<b>Frac zone as follows:</b> 60,000# 20/40 sand + 20,000# 10/20 sand in 717 bbls Apollo fluid. Treated @ avg press of 3400 psi w/avg rate of 30 BPM. ISIP 1400 psi. Calc. flush: 3852 gal. Actual flush: 3864 gal.
3/27/84	5590'-5602'	<b>Frac zone as follows:</b> 50,000# 20/40 sand in 476 bbls Apollo fluid. Treated @ avg press of 4600 psi w/avg rate of 20 BPM. ISIP 1500 psi. Calc. flush: 1401 gal. Actual flush: 1386 gal.
3/29/84	4399'-4410'	<b>Frac zone as follows:</b> 50,000# 20/40 sand in 476 bbls Apollo fluid. Treated @ avg press of 4300 psi w/avg rate of 21 BPM. ISIP 1750 psi. Calc. flush: 1114 gal. Actual flush: 1113 gal.
8/31/94	4976'-4980'	<b>Frac zone as follows:</b> 13,560# 16/30 sand in 123 bbls Viking 1-35 fluid. Treated @ avg press of 4500 psi w/avg rate of 8.1 BPM. ISIP 1740 psi. Calc. flush: 950 gal. Actual flush: 924 gal.
8/07/96		<b>Pump change.</b> Update rod and tubing details.
11/12/11		<b>Conversion</b> - Pump 70 bbls of pkr fluid and 24 bbls of Anguard.
11/14/11		<b>Convert well to injection</b>
11/14/11		<b>Conversion MIT Finalized</b> - updated tbg detail



#### PERFORATION RECORD

2/25/84	5652', 5654', 5655', 5693', 5698', 5700', 5703', 5722', 5725', 5752', 5754'	1 JSPF
2/26/84	3852', 3858', 3860', 3862', 3864', 3942', 3946', 3952', 3956', 3960', 4116', 4118', 4120', 4333', 4393', 4396', 4398', 4400', 4402', 4405', 4408', 4484', 4518', 4519', 4646', 4656', 4670', 4690', 4728', 4730'	1 JSPF
3/27/84	5590'-5602'	4 JSPF 48 holes
3/30/84	4399'-4410'	3 JSPF 30 holes
8/31/94	4976'-4980'	4 JSPF 16 holes



Getty Fed. 12-1-9-16  
 501' FNL & 2012' FEL  
 NWNE Section 12-T9S-R19E  
 Duchesne Co, Utah  
 API #43-013-30889; Lease #UTU-44426

# Jonah M-12-9-16

Spud Date:-3-20-10  
 Put on Production: 4-28-10  
 GL:5455 ' KB:5467 '

## Wellbore Diagram

### FRAC JOB

#### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (307.64')  
 DEPTH LANDED: 320.49'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

Cement Top @90'

**5-7-10-10 5633-5686'** **Frac CP2 & CP1 sands as follows:**  
 Frac with 44698# 20/40 sand in 295bbbs  
 Lightning 17

**5-7-10 5025-5057'** **Frac B2 as Follows:**Frac with  
 65112# 20/40 sand in 401bbbs  
 Lightning 17.

**5-7-10 4849-4905'** **Frac D3 & C sands as follows:**Frac  
 with 46724# 20/40 sand in 301bbbs  
 lightning 17.

**5-7-10 4147-4180'** **Frac GB4 sands as follows:**Frac  
 with 17164# 20/40 sand 139 Lightnring  
 17.

#### PRODUCTION CASING

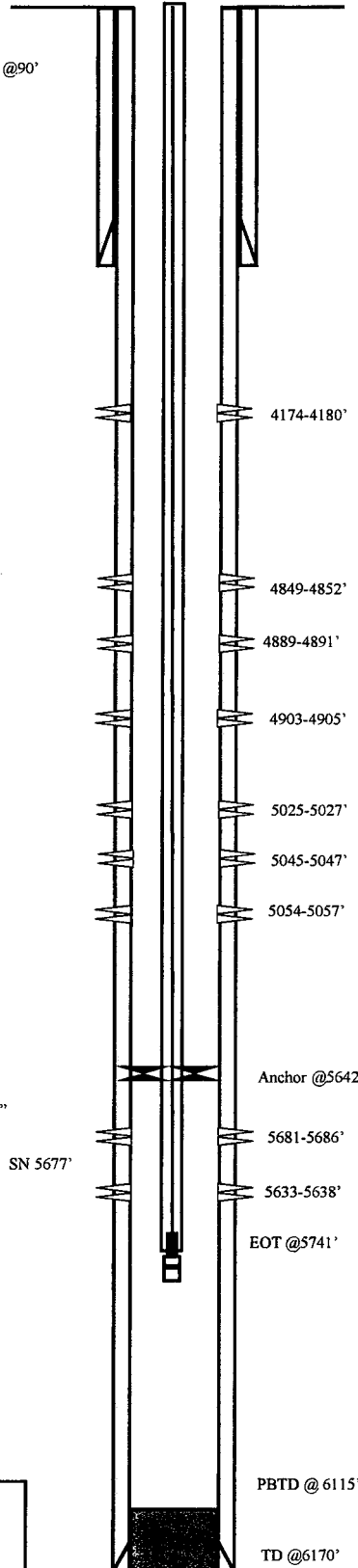
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH 141jts. (6145.8') Includes Shoe Jt. (43.85')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 6160.80'  
 CEMENT DATA: 275sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 90'

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 182jts (5629.4')  
 TUBING ANCHOR: 5642.4'  
 NO. OF JOINTS 1jts (31.4')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 5676.7' KB  
 NO. OF JOINTS 2jts (62.9')  
 TOTAL STRING LENGTH: EOT @ 5741'

#### SUCKER RODS

POLISHED ROD: 1-1/2" x 30'  
 SUCKER RODS: 1-4 x 7/8 pony rods, 221- 7/8" guided rods,, 4- 1 1/2"  
 weight bars.  
 PUMP SIZE: 2 1/2 x 1 3/4 x 21' x 24' RHAC  
 STROKE LENGTH: 144  
 PUMP SPEED: SPM 5



### PERFORATION RECORD

5681-5686'	3 JSPF	15 holes
5633-5638'	3 JSPF	15holes
5054-5057'	3 JSPF	9holes
5045-5047'	3 JSPF	6holes
5025-5027'	3 JSPF	6 holes
4903-4905'	3 JSPF	6 holes
4889-4891'	3 JSPF	6 holes
4849-4852'	3 JSPF	9holes
4147-4180'	3 JSPF	18holes

**NEWFIELD**

**Jonah M-12-9-16**  
 2138' FSL & 1765' FWL (NE/SW)  
 Section 12, T9S, R17E  
 Duchesne Co, Utah  
 API # 43-013-34098; Lease UTU-035521



Jonah O-12-9-16

Spud Date: 12-2-10  
 Put on Production: 1-8-11  
 GL: 5548' KB: 5560'

Wellbore Diagram

FRAC JOB

SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7jts. (301.18')  
 DEPTH LANDED: 313.03'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160sxs Class "G" cmt

PRODUCTION CASING

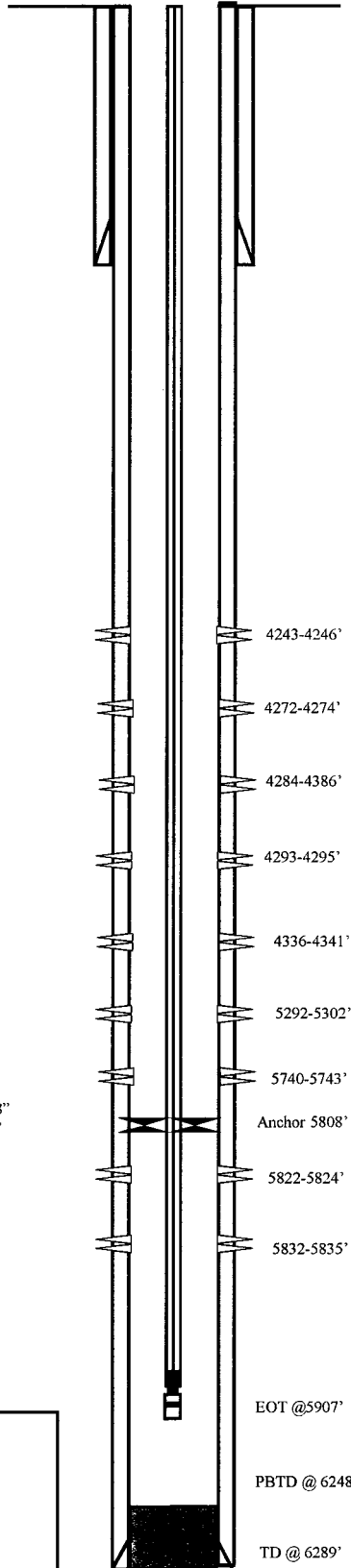
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 148jts ( 6278.0') Includes Shoe Jt. (41.63')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 6291.25'  
 CEMENT DATA: 300sxs Prem. Lite II mixed & 400sxs 50/50 POZ.  
 CEMENT TOP AT: 200'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 185jts (5796.0')  
 TUBING ANCHOR: 5808.0'  
 NO. OF JOINTS: 1 jts (31.4')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED: 5842.2' KB  
 NO. OF JOINTS: 2jts (62.8')  
 TOTAL STRING LENGTH: BOT @5907'

SUCKER RODS

POLISHED ROD: 1-1/2" x 30'  
 SUCKER RODS: 1-2 x 7/8" pony rods, 1-4 x 7/8" pony rods, 1-8 x 7/8" pony rods, 1-8 x 7/8" pony rods, 227-x 7/8" 8 per guided rods, 4- 1 1/2" weight bars  
 PUMP SIZE: 2 1/2 x 1 3/4" x 20" x 24" RHAC  
 STROKE LENGTH: 144  
 PUMP SPEED: SPM 5



12-29-10 5740-5835' **Frac CP2 & CP3 sands as follows:** Frac with 39638# 20/40 sand in 274bbls Lightning 17 fluid.  
 1-4-11 5292-5302' **Frac A3 sands as follows:** Frac with 30535# 20/40 sand in 267bbls Lightning 17 fluid.  
 1-4-11 4243-4341' **Frac GB6, GB4 & PB7 sands as follows:** Frac with 60639# 20/40 sand in 521bbls Lightning 17 fluid.

PERFORATION RECORD

5832-5835'	3 JSPF	9holes
5822-5824'	3 JSPF	6holes
5740-5743'	3 JSPF	9holes
5292-5302'	3 JSPF	30holes
4336-4341'	3 JSPF	15holes
4293-4295'	3 JSPF	6holes
4284-4286'	3 JSPF	6holes
4272-4274'	3 JSPF	6holes
4243-4246'	3 JSPF	9holes

**NEWFIELD**

**Jonah O-12-9-16**  
 SL: 1965'FNL & 645'FWL (SW/NW)  
 Section 12, T9S, R16  
 Duchesne Co, Utah  
 API # 43-013-34142; Lease # USA UTU-096550

## Jonah #S-12-9-16

Spud Date: 10/15/08  
 Put on Production: 11/21/08  
 GL: 5426' KB: 5438'

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24 #  
 LENGTH: 7 jts (316.09')  
 DEPTH LANDED: 326.09'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sx class 'g' cmt

### PRODUCTION CASING

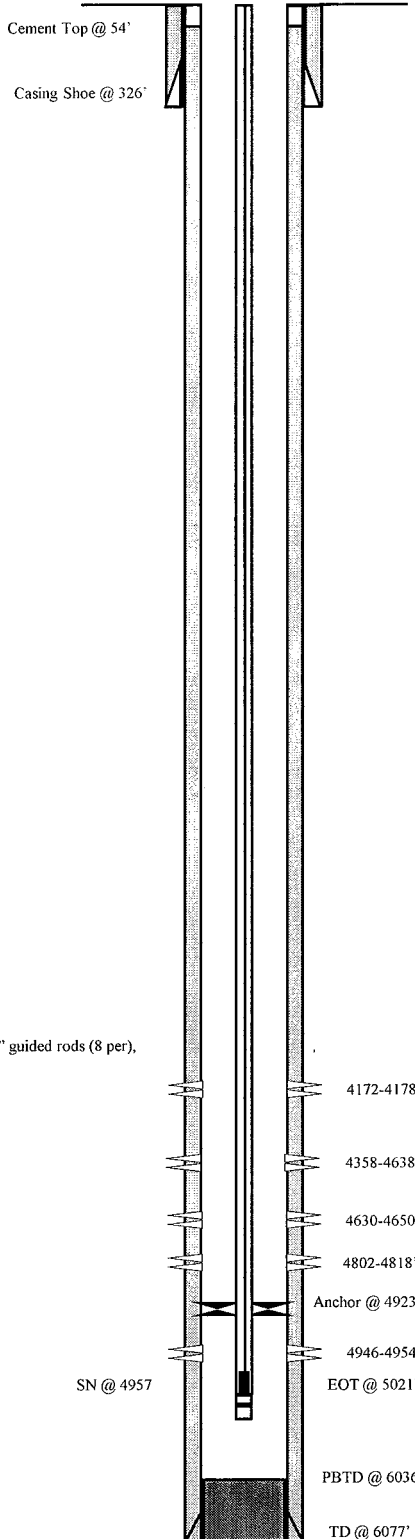
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 155 (6078')  
 DEPTH LANDED: 6076'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 350 sx premlite and 475 sx 50/50 poz  
 CEMENT TOP AT: 54'

### TUBING

SIZE/GRADE/WT.: 6.5#, J-55  
 NO. OF JOINTS: 159 jts (4911.15')  
 TUBING ANCHOR: 4923.15'  
 NO. OF JOINTS: 1jts (31.00')  
 SN LANDED AT: 4956.95'  
 NO. OF JOINTS: 2 jts (62.27')  
 TOTAL STRING LENGTH: EOT @ 5020.72'

### SUCKER RODS

POLISHED ROD: 1 1/2" x 26'  
 SUCKER RODS: 1-8, 1-6', 1-4', 2-2 x 7/8" ponys, 193-7/8" guided rods (8 per), 4-1 1/2" wt bars, 21,000# shear coupling  
 PUMP SIZE: 2 1/2" x 1 3/4" x 20' RHAC 'CDI'  
 STROKE LENGTH: 122"  
 PUMP SPEED, SPM: 5



### FRAC JOB

**11/17/08 4946-4954' Frac B2 sds as follows:**  
 34,213# 20/40 sand in 375 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2150 psi @ ave rate of 23.2 BPM. ISIP 2275 psi. Actual flush: 4439 gals.

**11/17/08 4802-4818' Frac C sds as follows:**  
 55,806# 20/40 sand in 485 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2218 psi w/ ave rate of 18.7 BPM. ISIP 2534 psi. Actual flush: 4297 gals.

**11/17/08 4630-4650' Frac D1 sds as follows:**  
 51,261# 20/40 sand in 447 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2082 psi w/ ave rate of 18.7 BPM. ISIP 2237 psi. Actual flush: 4124 gals.

**11/18/08 4358-4638' Frac PB10 sds as follows:**  
 40,513# 20/40 sand in bbls of Lightning 17 fluid. Treated w/ ave pressure of 2099 psi @ ave rate of 23.2 BPM. ISIP 2322 psi. Actual flush: 3851 gals.

**11/18/08 4172-4178' Frac GB6 sds as follows:**  
 30,097# 20/40 sand in 359 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2167 psi w/ ave rate of 23.3 BPM. ISIP 2028 psi. Actual flush: 4116 gals.

### PERFORATION RECORD

11/17/08	4946-4954'	32 holes
11/17/08	4802-4818'	64 holes
11/17/08	4630-4650'	80 holes
11/18/08	4358-4638'	40 holes
11/18/08	4172-4178'	24 holes



**Jonah #S-12-9-16**  
 880' FSL & 842' FEL  
 SESE Section 12-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-34010; Lease #UTU-035521

## Jonah 4-12-9-16

Spud Date: 3/14/01  
 Put on Production: 6/10/01  
 GL: 5516' KB: 5526'

Initial Production: 52.4 BOPD,  
 43.4 MCFD, 5.8 BWPD

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (290.39')  
 DEPTH LANDED: 299.39'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 145 sxs Class "G" cmt.

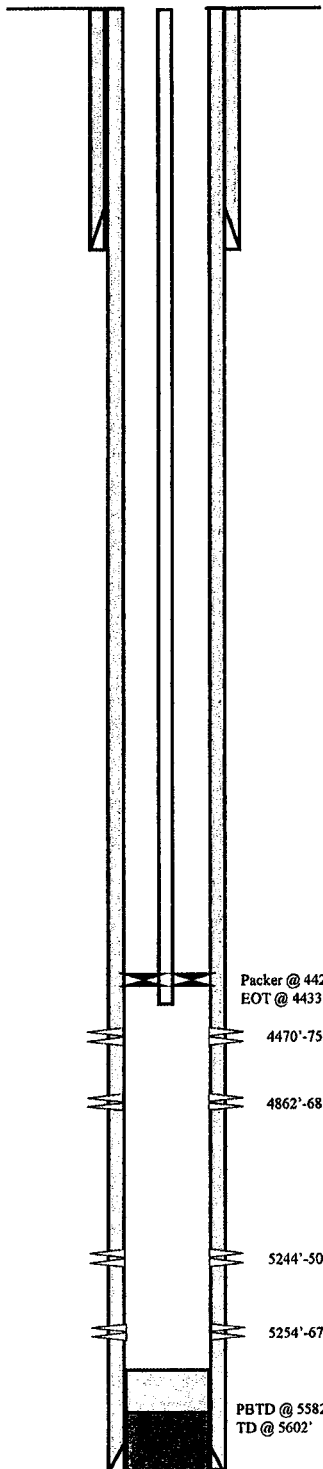
**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 133 jts. (5586.9')  
 DEPTH LANDED: 5582.5'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 250 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT Surface per CBL.

**TUBING**

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 141 jts (4414.5')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4424.5'  
 CE @ 4428.88'  
 TOTAL STRING LENGTH: EOT @ 4433'

Injection Wellbore  
Diagram




**FRAC JOBS**

6/6/01	5254'-67' 5244'-50'	<b>Frac A3 sand as follows:</b> 89,647# 20/40 sand in 600 bbls Viking I-25 fluid. Treated @ avg pressure of 1960 psi with avg rate of 29.7 BPM, ISIP 2395 psi.
6/6/01	4862'-68'	<b>Frac D3 sand as follows:</b> 29,647# 20/40 sand in 299 bbls Viking I-25 fluid. Treated @ avg pressure of 2400 psi with avg rate of 24.3 BPM, ISIP 1855 psi.
6/6/01	4470'-75'	<b>Frac PB-10 sand as follows:</b> Could not break, left un-fraced.
04/05/12		<b>Convert to Injection Well</b>
04/10/12		<b>Conversion MIT Finalized -- update tbg detail</b>

**PERFORATION RECORD**

6/6/01	5254'-5267'	4 JSPF	52 holes
6/6/01	5244'-5250'	4 JSPF	24 holes
6/6/01	4862'-4868'	4 JSPF	24 holes
6/6/01	4470'-4475'	4 JSPF	20 holes

**NEWFIELD**



**Jonah 4-12-9-16**  
 660' FNL & 660' FWL  
 NW/NW Section 12-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32180; Lease #U-096550

# Monument Federal 12-12J-9-16

Spud Date: 10/09/93  
 Put on Production: 12/09/93  
 Put on Injection: 10/28/94  
 GL: 5542' KB: 5552'

Initial Production: 20 BOPD,  
 15 MCFD, 10 BWPD

Injection Wellbore  
 Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 6 jts. (224.86')  
 DEPTH LANDED: 277' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs Class "G" cmt, est 5 bbls cmt to surf.

**FRAC JOB**

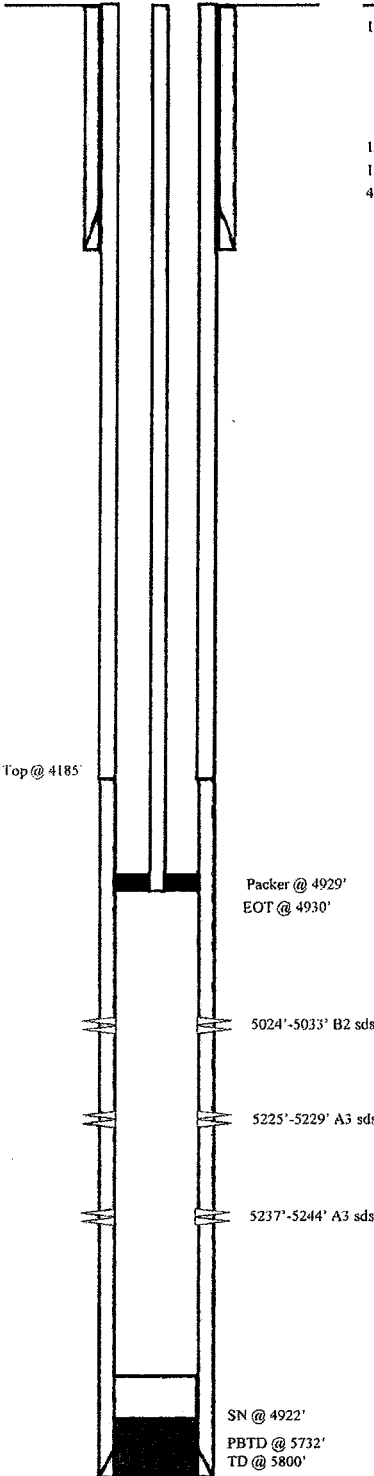
11/17/93	5029'-5244'	<b>Frac zone as follows:</b> 29,250# 20/40 sand + 20,000# 16/30 sand in 432 bbls frac fluid. Treated @ avg press of 2250 psi w/avg rate of 30.5 BPM ISIP 2200 psi. Calc. flush: 5025 gal. Actual flush: 4956 gal
12/09/93		Put on Production
10/28/94		Put on Injection
4-29-10		5 yr MIT

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: K-55  
 WEIGHT: 15.5#  
 LENGTH: 132 jts. (5723 70')  
 DEPTH LANDED: 5777 59'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 220 sxs Hifill & 290 sxs 50/50 POZ  
 CEMENT TOP AT: 4185' per CBL

**TUBING**

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO OF JOINTS: 159 jts (4921.20')  
 SEATING NIPPLE: 2-7/8" (1 10')  
 SN LANDED AT: 4922.30' KB  
 2 7/8" x 2 3/8" cross over  
 PACKER: 4929 10' KB  
 TOTAL STRING LENGTH: EOT @ 4930'



**PERFORATION RECORD**

Date	Interval	Tool	Holes
11/15/93	5024'-5033'	1 JSPF	4 holes
11/15/93	5225'-5229'	1 JSPF	4 holes
11/15/93	5237'-5244'	1 JSPF	7 holes

**NEWFIELD**

**Monument Fed. 12-12J-9-16**  
 1980' FNL & 660' FWL  
 SWNW Section 12-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31410; Lease #U-096550

# Greater Monument Butte V-1-9-16

Spud Date: 7/29/2011  
 Put on Production: 8/29/2011  
 GL: 5414' KB: 5426'

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (315.89')  
 DEPTH LANDED: 326.21'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 142 jts. (6183.06') - Includes Shoe Joint  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 6201.81'  
 CEMENT DATA: 260 sxs Prem. Lite II mixed & 440 sxs 50/50 POZ.  
 CEMENT TOP AT: 17'

**TUBING**

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 188 jts (5939.97')  
 TUBING ANCHOR: 5951.97'  
 NO OF JOINTS: 1 jts (31.7')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 5986.44' KB  
 NO OF JOINTS: 2 jts (63.2')  
 TOTAL STRING LENGTH: EOT @ 6051.14'

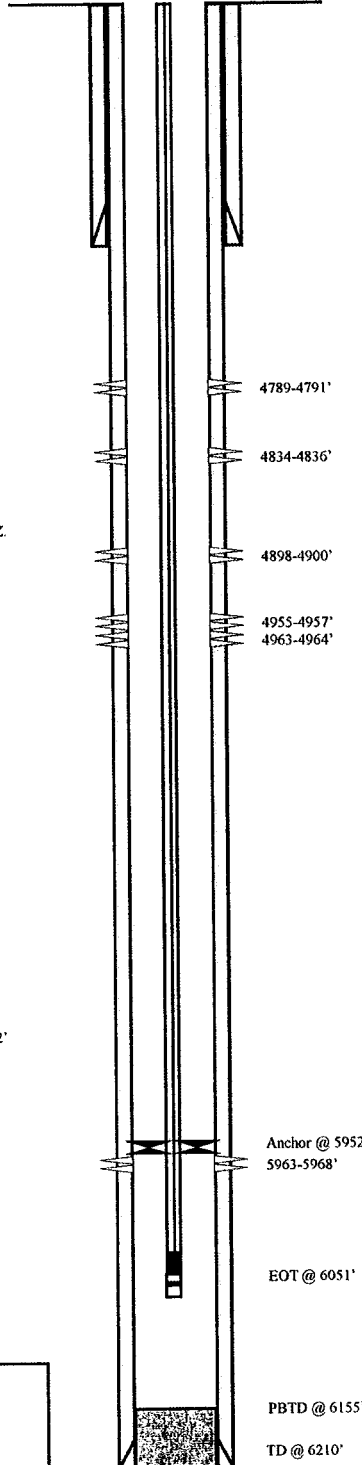
**SUCKER RODS**

POLISHED ROD: 1 1/2" x 30' Spray Metal Polished Rod  
 SUCKER RODS: 1 - 7/8" x 2' Pony Rod, [Polish Rod], 1 - 7/8" x 2' Pony Rod, 80 - 7/8" 8per Guided Rods (2000'), 152 - 3/4" 4per Guided Rods (3800'), 5 - 1 1/2" Weight Bars (125'), 5 - 1" x 4' Stabilizer Bars (20')  
 PUMP SIZE: 2 1/2 x 1 1/2" x 20' x 24' RHAC  
 STROKE LENGTH: 144  
 PUMP SPEED: 5 SPM

**FRAC JOB**


8/16/2011 5963-5968' **Frac CP5, sands as follows:**  
 Frac with 9322# 20/40 sand in 122 bbls  
 Lightning 17 fluid; 456 bbls total fluid to recover.

8/23/2011 4789-4964' **Frac C, D3, D2 & D1, sands as follows:**  
 Frac with 96422# 20/40 sand in 507 bbls  
 Lightning 17 fluid; 794 bbls total fluid to recover



**PERFORATION RECORD**

4789-4791'	3 JSPF	6 holes
4834-4836'	3 JSPF	6 holes
4898-4900'	3 JSPF	6 holes
4955-4957'	3 JSPF	6 holes
4963-4964'	3 JSPF	3 holes
5963-5968'	3 JSPF	15 holes



**Greater Monument Butte V-1-9-16**  
 496' FNL & 2032' FEL (NW/NE)  
 Section 12, T9S, R16E  
 Duchesne Co, Utah  
 API # 43-013-50545; Lease #UTU-44426

# C & O Govt. 4-12-9-16

Spud Date: 4/14/83  
 Put on Production: 6/02/83  
 Put on Injection: 10/27/94  
 GL: 5450' KB: 5462'

Initial Production: 110 BOPD,  
 60 MCFD, 0 BWPD

## Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts.  
 DEPTH LANDED: 292'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 241 cu. ft. Class "G" cement.

### PRODUCTION CASING

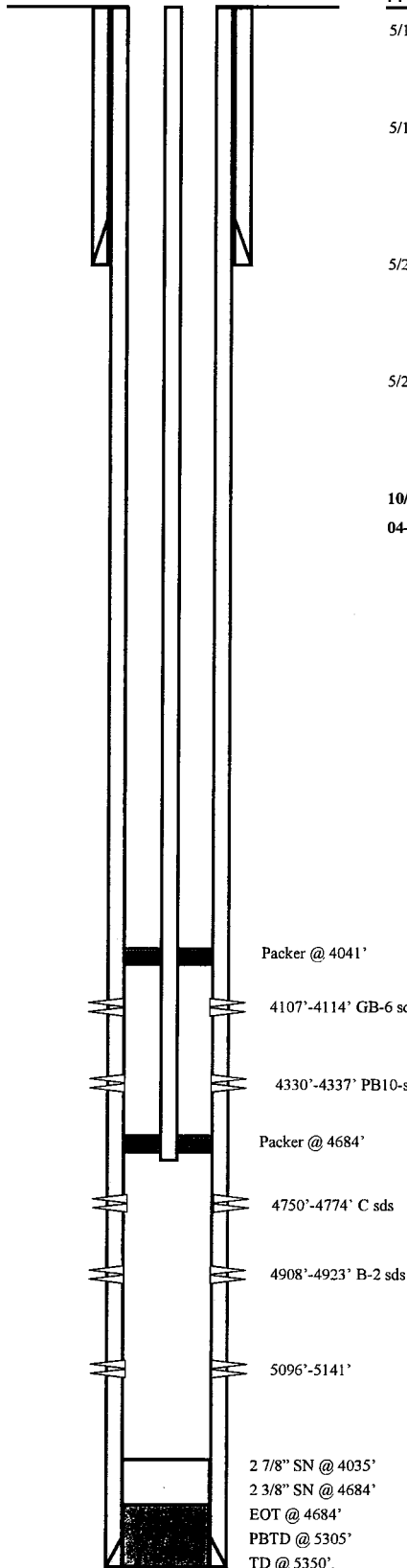
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 135 jts.  
 DEPTH LANDED: 5345'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 633 cu. ft. Hilift slurry + 338 cu. ft. RFC slurry.  
 CEMENT TOP AT: ? per CBL

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 128 jts (4021.48')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4035.18' KB  
 PACKER: 4041.38'  
 SIZE/GRADE/WT.: 2-3/8" / J-55 / 4.5#  
 NO. OF JOINTS: 20 jts (635.06')  
 PACKER: 4683.24'  
 SEATING NIPPLE: 2-3/8" (1.10')  
 SN LANDED AT: 4684.34' KB  
 TOTAL STRING LENGTH: EOT @ 4684.34'

### FRAC JOB

5/14/83	5096'-5138'	<b>Frac zone as follows:</b> 68,000# 20/40 sand in 393 bbls frac fluid. Treated @ avg press of 1625 psi w/avg rate of 20 BPM. Screened out.
5/18/83	4908'-4923'	<b>Frac zone as follows:</b> 37,000# 20/40 sand + 6,000# 10/20 sand in 568 bbls frac fluid. Treated @ avg press of 2180 psi w/avg rate of 20 BPM. Calc. flush: 4908 gal. Actual flush: 4870 gal.
5/22/83	4750'-4774'	<b>Frac zone as follows:</b> 55,000# 20/40 sand in 672 bbls frac fluid. Treated @ avg press of 1600 psi w/avg rate of 21 BPM. Calc. flush: 4750 gal. Actual flush: 4748 gal.
5/24/83	4107'-4337'	<b>Frac zone as follows:</b> 55,000# 20/40 sand in 526 bbls frac fluid. Treated @ avg press of 1880 psi w/avg rate of 24 BPM. Calc. flush: 4107 gal. Actual flush: 4100 gal.
10/27/94		<b>Convert to injector. Update tbg details.</b>
04-08-10		<b>5 Yr MIT</b>



### PERFORATION RECORD

5/13/83	5096'-5141'	18 holes
5/17/83	4908'-4923'	22 holes
5/21/83	4750'-4774'	24 holes
5/23/83	4330'-4337'	08 holes
5/23/83	4107'-4114'	08 holes

## NEWFIELD



C & O Govt. 4-12-9-16  
 2140' FSL & 1820' FWL  
 NESW Section 12-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-30742; Lease #U-035521

# GMBU X-1-9-16

Spud Date: 02/16/2012  
 PWOP: 02/26/2012  
 GL: 5520' KB: 5530'

Wellbore Diagram

## SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 6 jts. (259.80')  
 DEPTH LANDED: 313.30' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

## PRODUCTION CASING

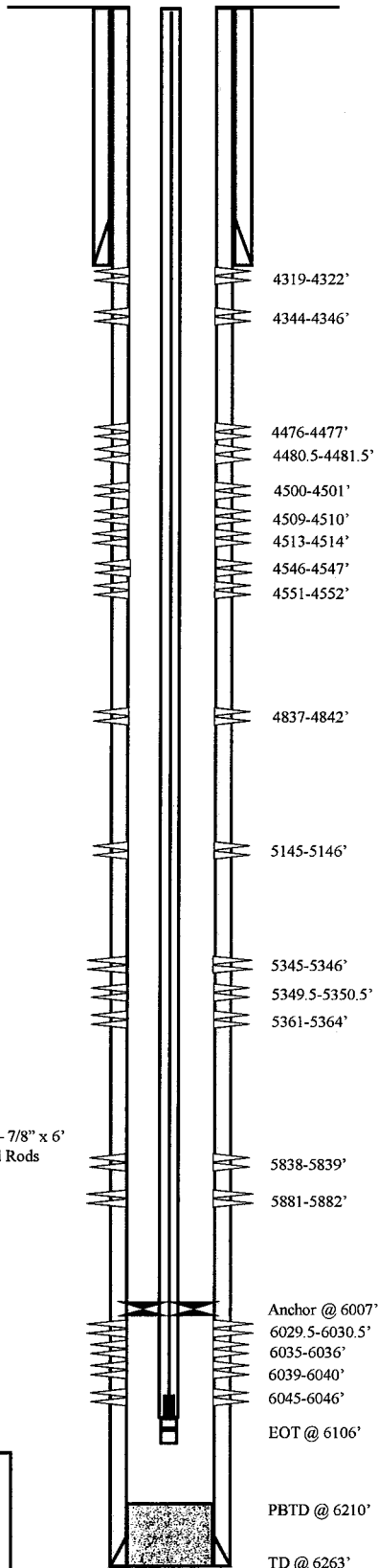
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 144 jts. (6239.52') Includes Shoe Jt. (43.85')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 6256.02' KB  
 CEMENT DATA: 230 sxs Prem. Lite II mixed & 460 sxs 50/50 POZ.  
 CEMENT TOP AT: 26'

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 191 jts. (5997.4')  
 TUBING ANCHOR: 6007.4' KB  
 NO. OF JOINTS: 1 jt. (31.5')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 6042.8' KB  
 NO. OF JOINTS: 2 jts. (63.0')  
 NOTCHED COLLAR: 6106.3' KB  
 TOTAL STRING LENGTH: EOT @ 6106'

## SUCKER RODS

POLISHED ROD: 1-1/2" x 30' Spray Metal Polished Rod  
 SUCKER RODS: 1 - 7/8" x 2' Pony Rod, 1 - 7/8" x 4' Pony Rod, 1 - 7/8" x 6' Pony Rod, 79 - 7/8" 4per Guided Rods (1975'), 155 - 3/4" 4per Guided Rods (3875'), 5 - 1 1/2" Sinker bar (125'), 5 - 1" Guided Rods (100')  
 PUMP SIZE: 2 1/2" x 1 3/4" x 24' RHAC  
 STROKE LENGTH: 144"  
 PUMP SPEED: 5 SPM



## FRAC JOB

03/12/2012 5838-6046' **Frac CP5, sands as follows:**  
 Frac with 50800# 20/40 white sand in 728 bbls lightning 17 fluid; 943 bbls total fluid to recover.

03/15/2012 5145-5364' **Frac A3 & B2, sands as follows:**  
 Frac with 54600# 20/40 white sand in 421 bbls lightning 17 fluid; 549 bbls total fluid to recover.

03/15/2012 4837-4842' **Frac D1, sands as follows:**  
 Frac with 30095# 20/40 white sand in 245 bbls lightning 17 fluid; 367 bbls total fluid to recover.

03/15/2012 4476-4552' **Frac PB7, PB8 & PB10, sands as follows:**  
 Frac with 75000# 20/40 white sand in 597 bbls lightning 17 fluid; 778 bbls total fluid to recover.

03/15/2012 4319-4346' **Frac GB6, sands as follows:**  
 Frac with 2550# 20/40 white sand in 250 bbls lightning 17 fluid; 350 bbls total fluid to recover.

## PERFORATION RECORD

6045-6046'	3 JSPF	3 holes
6039-6040'	3 JSPF	3 holes
6035-6036'	3 JSPF	3 holes
6029.5-6030.5'	3 JSPF	3 holes
5881-5882'	3 JSPF	3 holes
5838-5839'	3 JSPF	3 holes
5361-5364'	3 JSPF	9 holes
5349.5-5350.5'	3 JSPF	3 holes
5345-5346'	3 JSPF	3 holes
5145-5146'	3 JSPF	3 holes
4837-4842'	3 JSPF	15 holes
4551-4552'	3 JSPF	3 holes
4546-4547'	3 JSPF	3 holes
4513-4514'	3 JSPF	3 holes
4509-4510'	3 JSPF	3 holes
4500-4501'	3 JSPF	3 holes
4480.5-4481.5'	3 JSPF	3 holes
4476-4477'	3 JSPF	3 holes
4344-4346'	3 JSPF	6 holes
4319-4322'	3 JSPF	9 holes

**NEWFIELD**



**GMBU X-1-9-16**

646'FNL & 645' FWL (NW/NW)  
 Section 12, T9S, R16E  
 Duchesne County, Utah  
 API #43-013-50795; Lease # UTU-096550

# NEWFIELD



## GMBU L-12-9-16

Monument Butte - Duchesne County; Utah, USA  
 Surface Legal Location: SW/NE Section 12, T9S, R16E; 1865' FNL & 2117' FEL  
 Elevation: 5420' GL + 10' KB  
 API Number: 43-013-51246; Lease Number: UTU-035521

Paul Lembcke  
 PFM 5/23/2013  
 Spud Date: 4/25/2013  
 PoP Date: 6/18/2013

Casing Detail	Casing	Top	Bottom	Size	Wt.	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
	Surf	10'	321'	8 5/8"	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250
Prod	10'	6,175'	5-1/2"	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875	

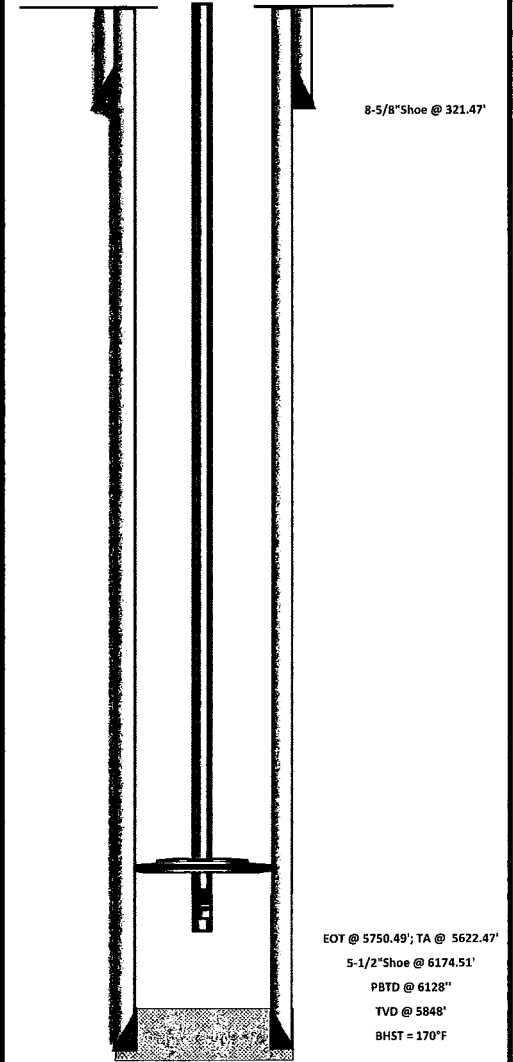
  

Tubing Detail	Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger	
	10'	5,750'	8EUE	2-7/8"	6.5#	J-55	2.347"	7,260	7,680	2.441"	Tubing Anchor Set @	5,622'

Rod Detail	Component		Top	Bottom	Size	Grade	Length	Count	Pump	
	Polish Rod		0'	30'	1 1/2"	-	30	1	Insert Pump: 2.5" Max ID x 1.75" Plunger RHAC @ 5750.04'	
Pony Rod		30'	32'	7/8"	Tenaris D78	2	1			
Pony Rod		32'	36'	7/8"	Tenaris D78	4	1			
Pony Rod		36'	42'	7/8"	Tenaris D78	6	1			
4per Guided Rod		42'	1,892'	7/8"	Tenaris D78	1850	74			
4per Guided Rod		1,892'	4,917'	3/4"	Tenaris D78	3025	121			
8per Guided Rod		4,917'	5,667'	7/8"	Tenaris D78	750	30			

Stage	Top	Bottom	SPF	EHD	Date	Frac Summary				
	4	0'	0'	3	-	-	Formation:	GB6	GB4	
	0'	0'	3	-	-	20/40 White:	42,801 lbs	15% HCl:	0 gals	
	0'	0'	3	-	-	Pad:	2,176 gals	Treating Fluid:	9,572 gals	
	0'	0'	3	-	-	Flush:	4,267 gals	Load to Recover:	16,015 gals	
	0'	0'	3	-	-	ISIP=	1.268 psi/ft	Max STP:	2,625 psi	
	4,196'	4,198'	3	0.34	-					
	4,276'	4,281'	3	0.34	-					
3	0'	0'	3	-	-	Formation:	C-Sand			
	0'	0'	3	-	-	20/40 White:	63,436 lbs	15% HCl:	622 gals	
	0'	0'	3	-	-	Pad:	2,075 gals	Treating Fluid:	13,743 gals	
	0'	0'	3	-	-	Flush:	4,939 gals	Load to Recover:	21,379 gals	
	0'	0'	3	-	-	ISIP=	0.822 psi/ft	Max STP:	2,625 psi	
	4,914'	4,916'	3	0.34	-					
	4,928'	4,930'	3	0.34	-					
	4,935'	4,937'	3	0.34	-					
2	0'	0'	3	-	-	Formation:	A3			
	0'	0'	3	-	-	20/40 White:	65,354 lbs	15% HCl:	580 gals	
	0'	0'	3	-	-	Pad:	3,671 gals	Treating Fluid:	15,620 gals	
	0'	0'	3	-	-	Flush:	5,187 gals	Load to Recover:	25,058 gals	
	0'	0'	3	-	-	ISIP=	0.826 psi/ft	Max STP:	2,625 psi	
	5,262'	5,268'	3	0.34	-					
	5,277'	5,279'	3	0.34	-					
1	0'	0'	3	-	-	Formation:	CP2	CP1	CP-Half	
	0'	0'	3	-	-	20/40 White:	73,303 lbs	15% HCl:	886 gals	
	5,599'	5,600'	3	0.34	-	Pad:	7,430 gals	Treating Fluid:	16,458 gals	
	5,608'	5,610'	3	0.34	-	Flush:	5,586 gals	Load to Recover:	30,360 gals	
	5,636'	5,638'	3	0.34	-	ISIP=	0.724 psi/ft	Max STP:	2,625 psi	
	5,648'	5,650'	3	0.34	-					
	5,689'	5,690'	3	0.34	-					



Cement	Surf	On 4/26/13 Baker Hughes cemented 8 5/8" casing w/ 160 sks Class "G" + 2% KCl + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield and returned 3 bbls to the pit.
	Prod	On 5/22/13 Baker pumped 210sks lead @ 11 ppg w/ 3.53 yield plus 460 sks tail @ 14.4 ppg w/ 1.24 yield. Returned 20 bbls to the pit. TOC @ Surface



# NEWFIELD



## GMBU R-12-9-16 Monument Butte - Duchesne County, Utah, USA

Surface Legal Location: SW/SE - Sec 12, T9S, R16E; 432' FSL & 2385' FEL

Elevation: 5503' GL + 10' KB

Paul Lembcke

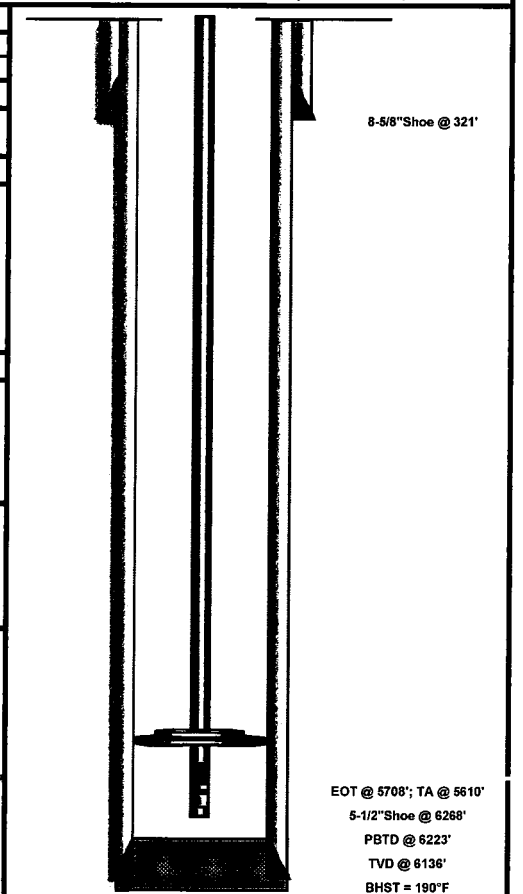
DLB 5/2/13

API#: 43-013-51154; Lease#: UTU-035521

Spud Date: 1/30/13; PoP Date: 3/8/13

CASING DETAIL	Casing	Top	Bottom	Size	Wt	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
	Surf	10'	321'	8.825	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250
Prod	10'	6,268'	5.500	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875	
TUBING DETAIL	Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger		
	10'	5,708'	8EUE	2-7/8"	6.5#	J-55	2.347"	7,260	7,680	2.441"	Tubing Anchor Set @ 5,610'		
ROD DETAIL	Component		Top	Bottom	Size	Grade	Length	Count	Pump				
	Polish Rod		0'	30'	1 1/2"	Spray Metal	30	1	Insert Pump: 2.5 Max ID x 1.75 Plunger RHAC @				
	Pony Rod		30'	32'	7/8"	Tenaris D78	2	1	5,642'				
	Pony Rod		32'	36'	7/8"	Tenaris D78	4	1					
	Pony Rod		36'	42'	7/8"	Tenaris D78	6	1					
	4per Guided Rod		42'	1,942'	7/8"	Tenaris D78	1900	76					
	4per Guided Rod		1,942'	4,942'	3/4"	Tenaris D78	3000	120					
8per Guided Rod		4,942'	5,642'	7/8"	Tenaris D78	700	28						

Stage	Top	Bottom	SPF	EHD	Date	Frac Summary					
4	4,448'	4,450'	3	0.34	3/5/2013	Formation:	PB10			7% KCL	
	4,465'	4,468'	3	0.34	3/5/2013	20/40 White:	72,960 lbs	15% HCl:	0 gals		
						Pad:	6,686 gals	Treating Fluid:	17,418 gals		
						Flush:	4,469 gals	Load to Recover:	28,573 gals		
					ISIP=	0.913 psi/ft	Max STP:	2,640 psi			
3	4,877'	4,879'	3	0.34	3/5/2013	Formation:	C-Sand D3			7% KCL	
	4,907'	4,908'	3	0.34	3/5/2013	20/40 White:	61,970 lbs	15% HCl:	252 gals		
	4,912'	4,914'	3	0.34	3/5/2013	Pad:	4,561 gals	Treating Fluid:	14,379 gals		
						Flush:	4,855 gals	Load to Recover:	24,047 gals		
					ISIP=	0.834 psi/ft	Max STP:	3,130 psi			
2	5,195'	5,198'	3	0.34	3/5/2013	Formation:	A3 A1			7% KCL	
	5,224'	5,225'	3	0.34	3/5/2013	20/40 White:	113,114 lbs	15% HCl:	252 gals		
	5,236'	5,238'	3	0.34	3/5/2013	Pad:	5,943 gals	Treating Fluid:	26,242 gals		
	5,243'	5,244'	3	0.34	3/5/2013	Flush:	5,288 gals	Load to Recover:	37,725 gals		
	5,247'	5,248'	3	0.34	3/5/2013	ISIP=	0.850 psi/ft	Max STP:	2,882 psi		
	5,253'	5,254'	3	0.34	3/5/2013						
1	5,604'	5,606'	3	0.34	3/5/2013	Formation:	CP1 CP-Half			7% KCL	
	5,638'	5,640'	3	0.34	3/5/2013	20/40 White:	46,718 lbs	15% HCl:	378 gals		
	5,652'	5,654'	3	0.34	3/5/2013	Pad:	6,783 gals	Treating Fluid:	10,910 gals		
						Flush:	5,603 gals	Load to Recover:	23,548 gals		
					ISIP=	0.742 psi/ft	Max STP:	2,973 psi			



CEM	Surf	Prod
	On 1/30/13 Pro Petro cemented 8 5/8" casing w/ 165 sks Class "G" + 2% KCl + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.15 yield and returned 4 bbls to the pit.	On 2/17/13 Halliburton pumped 265 sks lead @ 11 ppg w/ 2.71 yield plus 460 sks tail @ 14.4 ppg w/ 1.3 yield. Returned 35 bbls to the pit. TOC @ 1014'.

EOT @ 5708'; TA @ 5610'  
5-1/2" Shoe @ 6268'  
PBTD @ 6223'  
TVD @ 6136'  
BHST = 190°F

# NEWFIELD

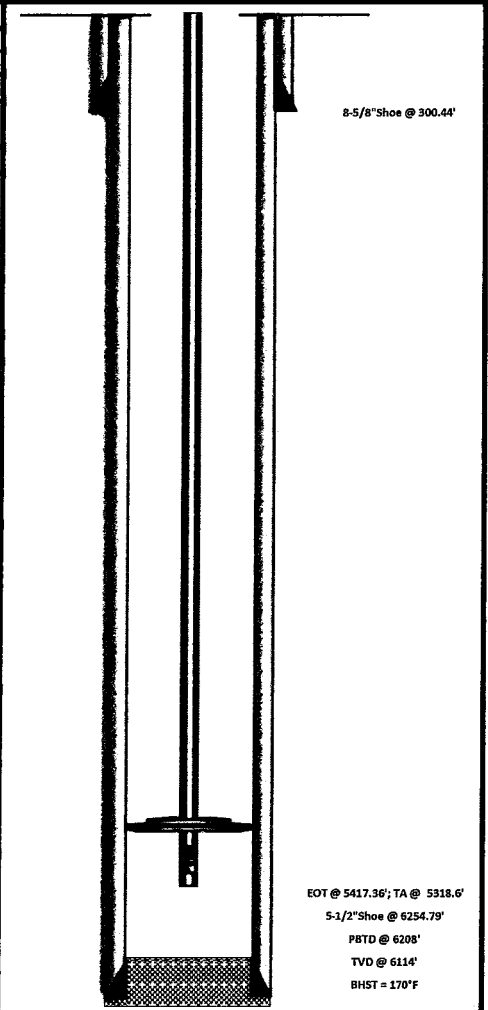


## GMBU G-12-9-16

Monument Butte - Duchesne County; Utah, USA  
 Surface Legal Location: SE/NW Section 12, T9S, R16E; 2057' FNL & 2076' FWL  
 Elevation: 5511' GL + 10' KB  
 API Number: 43-013-51243; Lease Number: UTU-096550

Paul Lembcke  
 PFM 7/18/2013  
 Spud Date: 6/15/2013  
 POP Date: 8/1/2013

CASING DETAIL	Casing	Top	Bottom	Size	Wt.	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
	Surf	10'	300'	8-5/8"	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250
Prod	10'	6,255'	5-1/2"	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875	
TUBING DETAIL	Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger		
	10'	5,417'	8EUE	2-7/8"	6.5#	J-55	2.347"	7,260	7,680	2.441"	Tubing Anchor Set @	5,319'	
ROD DETAIL	Component		Top	Bottom	Size	Grade	Length	Count	Pump				
	Pony Rod		0'	2'	7/8"	Tenaris D78	2	1	Insert Pump: 2.5" Max ID x 1.75" Plunger RHAC @ 5342'				
	Polish Rod		2'	32'	1 1/2"	Central Hyd	30	1					
	Pony Rod		32'	34'	7/8"	Tenaris D78	2	1					
	Pony Rod		34'	42'	7/8"	Tenaris D78	8	1					
	4per Guided Rod		42'	1,717'	7/8"	Tenaris D78	1675	67					
	4per Guided Rod		1,717'	4,592'	3/4"	Tenaris D78	2875	115					
8per Guided Rod		4,592'	5,342'	7/8"	Tenaris D78	750	30						
Stage	Top	Bottom	SPF	EHD	Date	Frac Summary							
4	0'	0'	3	-	-	Formation:	GB4		7% KCl				
	0'	0'	3	-	-	20/40 White:	14,550 lbs	15% HCl:	0 gals				
	0'	0'	3	-	-	Slickwater:	5,896 gals	17# Delta 140:	5,330 gals				
	0'	0'	3	-	-	ISIP=	2,092 psi	Load to Recover:	11,226 gals				
	0'	0'	3	-	-	FG=	0.940 psi/ft	Max STP:	2,550 psi				
	4,290'	4,294'	3	0.34	7/19/2013								
3	0'	0'	2	-	-	Formation:	PB10		7% KCl				
	0'	0'	2	-	-	20/40 White:	60,000 lbs	15% HCl:	500 gals				
	0'	0'	2	-	-	Slickwater:	6,533 gals	17# Delta 140:	13,568 gals				
	0'	0'	2	-	-	ISIP=	2,031 psi	Load to Recover:	20,601 gals				
	0'	0'	2	-	-	FG=	0.900 psi/ft	Max STP:	2,410 psi				
	4,530'	4,531'	2	0.34	7/19/2013								
4,541'	4,542'	2	0.34	7/19/2013									
4,554'	4,558'	2	0.34	7/19/2013									
2	0'	0'	2	-	-	Formation:	C-Sand		7% KCl				
	0'	0'	2	-	-	20/40 White:	73,500 lbs	15% HCl:	500 gals				
	0'	0'	2	-	-	Slickwater:	6,350 gals	17# Delta 140:	17,341 gals				
	0'	0'	2	-	-	ISIP=	2,053 psi	Load to Recover:	24,191 gals				
	0'	0'	2	-	-	FG=	0.860 psi/ft	Max STP:	2,572 psi				
	4,976'	4,978'	2	0.34	7/19/2013								
5,004'	5,008'	2	0.34	7/19/2013									
1	0'	0'	2	-	-	Formation:	A3	B1	B2	7% KCl			
	0'	0'	2	-	-	20/40 White:	52,334 lbs	15% HCl:	750 gals				
	0'	0'	2	-	-	Slickwater:	11,470 gals	17# Delta 140:	13,035 gals				
	5,096'	5,098'	2	0.34	7/19/2013	ISIP=	2,162 psi	Load to Recover:	25,255 gals				
	5,142'	5,143'	2	0.34	7/19/2013	FG=	0.870 psi/ft	Max STP:	3,684 psi				
	5,146'	5,147'	2	0.34	7/19/2013								
5,330'	5,336'	2	0.34	7/19/2013									
CEMENT	Surf	On 6/17/13 cement w/Pro Petro w/160 sbs of class G+2%KCl+.25%CF mixed @ 15.8ppg and 1.17 yield. Returned 5 bbls to pit, bump plug to 600 psig.											
	Prod	On 7/5/13 Pump 215 sacks PL11+3%KCL+.5%CE+.5%CF+.5%MS+.5%MS mixed at 11 ppg and 3.53 yield. Then 455 sacks 50:50:2+3%KCL+.5%CE-.1+.25CF+.05MSF+.35MS mixed at 14.4 ppg 1.24 yield. Returned 16 bbls of cement to reserve pit. TOC @ 38'.											



EOT @ 5417.36'; TA @ 5318.6'  
 5-1/2"Shoe @ 6254.79'  
 PBTD @ 6208'  
 TVD @ 6114'  
 BHST = 170°F

# NEWFIELD



## GMBU H-12-9-16

Monument Butte - Duchesne County; Utah, USA

Surface Legal Location: SE/NW Section 12, T9S, R16E; 2040' FNL & 2088' FWL

Elevation: 5084' GL + 10' KB

API Number: 43-013-51245; Lease Number: UTU-096550

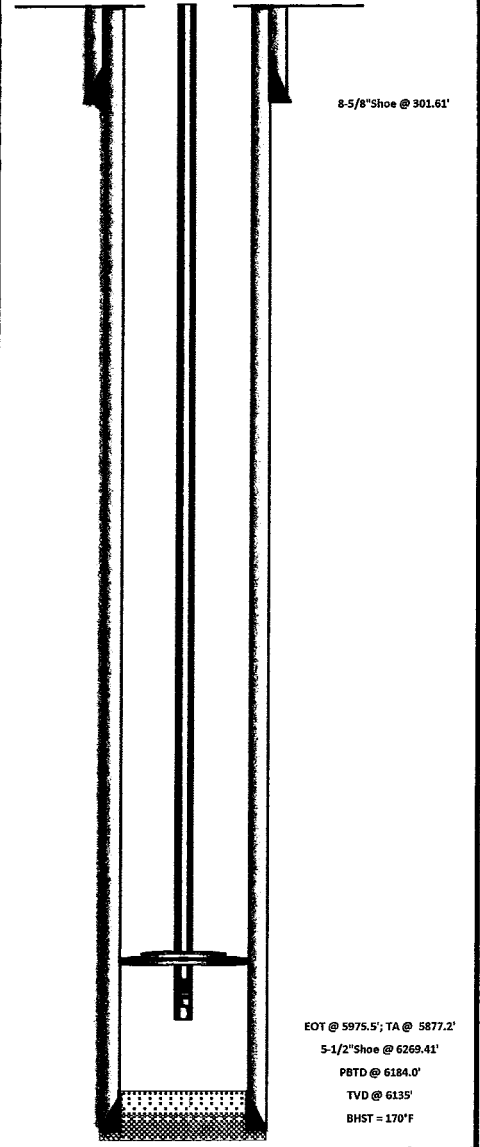
Paul Lambcke

PFM 7/9/2013

Spud Date: 6/14/2013

PoP Date: 8/1/2013

CASING DETAIL	Casing	Top	Bottom	Size	Wt.	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	Surf	10'	302'	8-5/8"	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Prod	10'	6,269'	5-1/2"	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
TRG DETAIL	Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	10'	5,976'	8EUE	2-7/8"	6.5#	J-55	2.347"	7,260	7,680	2.441"	Tubing Anchor Set @ 5,877'																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
ROD DETAIL	Component		Top	Bottom	Size	Grade	Length	Count	Pump																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	Pony Rod		0'	2'	7/8"	Tenaris D78	2	1	Insert Pump: 2.5" Max ID x 1.75" Plunger RHAC @ 5936'																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	Polish Rod		2'	32'	1 1/2"	Central Hyd	30	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	Pony Rod		32'	36'	7/8"	Tenaris D78	4	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	4per Guided Rod		36'	1,911'	7/8"	Tenaris D78	1875	75																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	4per Guided Rod		1,911'	5,186'	3/4"	Tenaris D78	3275	131																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	8per Guided Rod		5,186'	5,936'	7/8"	Tenaris D78	750	30																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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<td>2,806 psi</td> <td colspan="3"></td> </tr> <tr> <td>4,334'</td> <td>4,336'</td> <td>2</td> <td>0.34</td> <td>7/19/2013</td> <td colspan="7"></td> </tr> <tr> <td>4,350'</td> <td>4,352'</td> <td>2</td> <td>0.34</td> <td>7/19/2013</td> <td colspan="7"></td> </tr> <tr> <td rowspan="7">4</td> <td>0'</td> <td>0'</td> <td>2</td> <td>-</td> <td>-</td> <td>Formation:</td> <td>PB10</td> <td colspan="5"></td> </tr> <tr> <td>0'</td> <td>0'</td> <td>2</td> <td>-</td> <td>-</td> <td>20/40 White:</td> <td>35,000 lbs</td> <td>15% HCl:</td> <td>500 gals</td> <td colspan="3"></td> </tr> <tr> <td>0'</td> <td>0'</td> <td>2</td> <td>-</td> <td>-</td> <td>Slickwater:</td> <td>2,378 gals</td> <td>17# Delta 140:</td> <td>8,659 gals</td> <td colspan="3"></td> </tr> <tr> <td>0'</td> <td>0'</td> <td>2</td> <td>-</td> <td>-</td> <td>ISIP=</td> <td>- psi</td> <td>Load to Recover:</td> <td>11,537 gals</td> <td colspan="3"></td> </tr> <tr> <td>4,552'</td> <td>4,554'</td> <td>2</td> <td>0.34</td> 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gals</td> <td colspan="3"></td> </tr> <tr> <td>4,995'</td> <td>4,996'</td> <td>2</td> <td>0.34</td> <td>7/19/2013</td> <td>FG=</td> <td>0.830 psi/ft</td> <td>Max STP:</td> <td>3,798 psi</td> <td colspan="3"></td> </tr> <tr> <td>5,016'</td> <td>5,017'</td> <td>2</td> <td>0.34</td> <td>7/19/2013</td> <td colspan="7"></td> </tr> <tr> <td>5,026'</td> <td>5,028'</td> <td>2</td> <td>0.34</td> <td>7/19/2013</td> <td colspan="7"></td> </tr> <tr> <td rowspan="7">2</td> <td>0'</td> <td>0'</td> <td>2</td> <td>-</td> <td>-</td> <td>Formation:</td> <td>A3</td> <td>B2</td> <td colspan="4"></td> </tr> <tr> <td>0'</td> <td>0'</td> <td>2</td> <td>-</td> <td>-</td> <td>20/40 White:</td> <td>32,100 lbs</td> <td>15% HCl:</td> <td>500 gals</td> <td colspan="3"></td> </tr> <tr> <td>0'</td> <td>0'</td> <td>2</td> <td>-</td> <td>-</td> <td>Slickwater:</td> <td>7,023 gals</td> <td>17# Delta 140:</td> <td>7,881 gals</td> <td colspan="3"></td> </tr> <tr> <td>0'</td> <td>0'</td> <td>2</td> <td>-</td> <td>-</td> 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Returned 6 bbls to pit, bump plug to 600 psig.</td> </tr> <tr> <td>Prod</td> <td colspan="12">On 6/29/13 Pump 216 sacks PL11+3%KCL+5%CE+.5CF+5%KOL+.55MS+FP+S mixed at 11 ppg and 3.53 yield. Then 456 sacks 50:50:2+3%KCL+.5%EC-1+.25CF+.05%SF+.35MS mixed at 14.4 ppg 1.24 yield. Returned 25 bbls of cement to reserve pit. TOC @ 240'.</td> </tr> </tbody> </table>													Stage	Top	Bottom	SPF	EHD	Date	Frac Summary							5	0'	0'	2	-	-	Formation:	GB6	GB4					0'	0'	2	-	-	20/40 White:	75,800 lbs	15% HCl:	500 gals				0'	0'	2	-	-	Slickwater:	12,700 gals	17# Delta 140:	17,788 gals				4,275'	4,276'	2	0.34	7/19/2013	ISIP=	1,997 psi	Load to Recover:	30,988 gals				4,283'	4,284'	2	0.34	7/19/2013	FG=	0.920 psi/ft	Max STP:	2,806 psi				4,334'	4,336'	2	0.34	7/19/2013								4,350'	4,352'	2	0.34	7/19/2013								4	0'	0'	2	-	-	Formation:	PB10						0'	0'	2	-	-	20/40 White:	35,000 lbs	15% HCl:	500 gals				0'	0'	2	-	-	Slickwater:	2,378 gals	17# Delta 140:	8,659 gals				0'	0'	2	-	-	ISIP=	- psi	Load to Recover:	11,537 gals				4,552'	4,554'	2	0.34	7/19/2013	FG=	0.450 psi/ft	Max STP:	2,971 psi				4,560'	4,562'	2	0.34	7/19/2013								4,564'	4,566'	2	0.34	7/19/2013								3	0'	0'	2	-	-	Formation:	C-Sand	D1					0'	0'	2	-	-	20/40 White:	63,600 lbs	15% HCl:	500 gals				0'	0'	2	-	-	Slickwater:	6,856 gals	17# Delta 140:	15,964 gals				4,902'	4,904'	2	0.34	7/19/2013	ISIP=	1,887 psi	Load to Recover:	23,320 gals				4,995'	4,996'	2	0.34	7/19/2013	FG=	0.830 psi/ft	Max STP:	3,798 psi				5,016'	5,017'	2	0.34	7/19/2013								5,026'	5,028'	2	0.34	7/19/2013								2	0'	0'	2	-	-	Formation:	A3	B2					0'	0'	2	-	-	20/40 White:	32,100 lbs	15% HCl:	500 gals				0'	0'	2	-	-	Slickwater:	7,023 gals	17# Delta 140:	7,881 gals				0'	0'	2	-	-	ISIP=	2,656 psi	Load to Recover:	15,404 gals				5,151'	5,152'	2	0.34	7/19/2013	FG=	0.960 psi/ft	Max STP:	2,624 psi				5,356'	5,358'	2	0.34	7/19/2013								5,360'	5,362'	2	0.34	7/19/2013								1	0'	0'	2	-	-	Formation:	CP3	CP2					0'	0'	2	-	-	20/40 White:	40,000 lbs	15% HCl:	750 gals				0'	0'	2	-	-	Slickwater:	13,300 gals	17# Delta 140:	10,119 gals				0'	0'	2	-	-	ISIP=	2,115 psi	Load to Recover:	24,169 gals				5,797'	5,798'	2	0.34	7/19/2013	FG=	0.810 psi/ft	Max STP:	4,117 psi				5,803'	5,804'	2	0.34	7/19/2013								5,900'	5,904'	2	0.34	7/19/2013								CEMENT	Surf	On 6/17/13 cement w/pro Petro w/160 sks of class G+2%kcl+.25%CF mixed @ 15.8ppg and 1.17 yield. 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	4,564'	4,566'	2	0.34	7/19/2013																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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	0'	0'	2	-	-	20/40 White:	63,600 lbs	15% HCl:	500 gals																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	0'	0'	2	-	-	Slickwater:	6,856 gals	17# Delta 140:	15,964 gals																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	4,902'	4,904'	2	0.34	7/19/2013	ISIP=	1,887 psi	Load to Recover:	23,320 gals																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	4,995'	4,996'	2	0.34	7/19/2013	FG=	0.830 psi/ft	Max STP:	3,798 psi																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	5,016'	5,017'	2	0.34	7/19/2013																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	5,026'	5,028'	2	0.34	7/19/2013																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
2	0'	0'	2	-	-	Formation:	A3	B2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	0'	0'	2	-	-	20/40 White:	32,100 lbs	15% HCl:	500 gals																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	0'	0'	2	-	-	Slickwater:	7,023 gals	17# Delta 140:	7,881 gals																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	0'	0'	2	-	-	ISIP=	2,656 psi	Load to Recover:	15,404 gals																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	5,151'	5,152'	2	0.34	7/19/2013	FG=	0.960 psi/ft	Max STP:	2,624 psi																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	5,356'	5,358'	2	0.34	7/19/2013																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	5,360'	5,362'	2	0.34	7/19/2013																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
1	0'	0'	2	-	-	Formation:	CP3	CP2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	0'	0'	2	-	-	20/40 White:	40,000 lbs	15% HCl:	750 gals																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	0'	0'	2	-	-	Slickwater:	13,300 gals	17# Delta 140:	10,119 gals																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	0'	0'	2	-	-	ISIP=	2,115 psi	Load to Recover:	24,169 gals																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	5,797'	5,798'	2	0.34	7/19/2013	FG=	0.810 psi/ft	Max STP:	4,117 psi																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	5,803'	5,804'	2	0.34	7/19/2013																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	5,900'	5,904'	2	0.34	7/19/2013																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
CEMENT	Surf	On 6/17/13 cement w/pro Petro w/160 sks of class G+2%kcl+.25%CF mixed @ 15.8ppg and 1.17 yield. Returned 6 bbls to pit, bump plug to 600 psig.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	Prod	On 6/29/13 Pump 216 sacks PL11+3%KCL+5%CE+.5CF+5%KOL+.55MS+FP+S mixed at 11 ppg and 3.53 yield. Then 456 sacks 50:50:2+3%KCL+.5%EC-1+.25CF+.05%SF+.35MS mixed at 14.4 ppg 1.24 yield. Returned 25 bbls of cement to reserve pit. TOC @ 240'.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											



# NEWFIELD

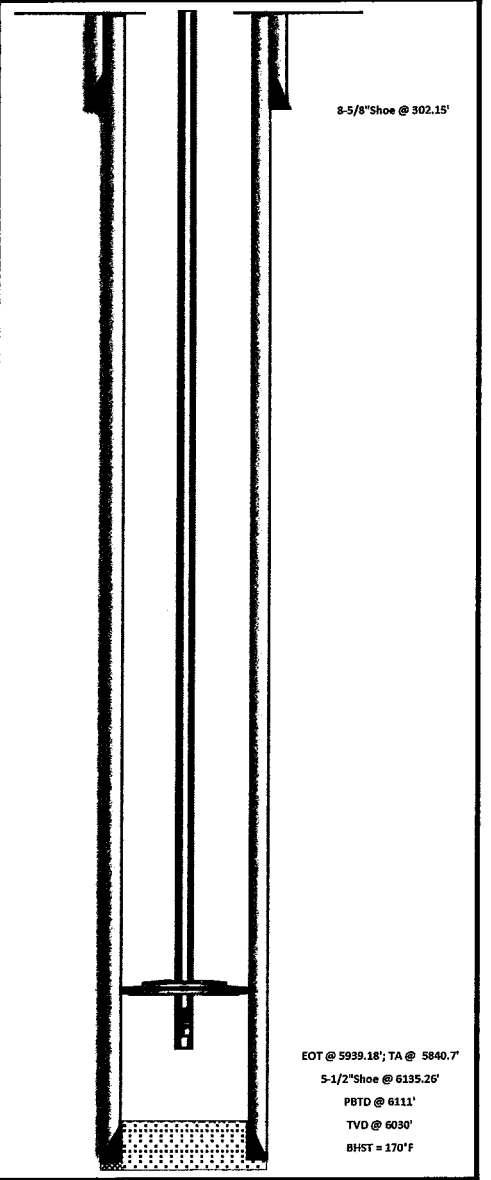


## GMBU N-12-9-16

Monument Butte - Duchesne County; Utah, USA  
 Surface Legal Location: NE/SW Section 12, T9S, R16E; 2119' FSL & 1759' FWL  
 Elevation: 5456' GL + 10' KB  
 API Number: 43-013-51671; Lease Number: UTLU-035521a

Paul Lembcke  
 PFM 7/18/2013  
 Spud Date: 6/11/2013  
 PoP Date: 8/5/2013

CASING DETAIL	Casing	Top	Bottom	Size	Wt.	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
	Surf	10'	302'	8-5/8"	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250
Prod	10'	6,135'	5-1/2"	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875	
TUBING DETAIL	Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger		
	10'	5,939'	8EUE	2-7/8"	6.5#	J-55	2.347"	7,280	7,680	2.441"	Tubing Anchor Set @ 5,841'		
ROD DETAIL	Component		Top	Bottom	Size	Grade	Length	Count	Pump				
	Polish Rod		0'	30'	1 1/2"	Spray Metal	30	1	Insert Pump: 2.5" Max ID x 1.75" Plunger RHAC @ 5871'				
	Pony Rod		30'	32'	7/8"	Tenaris D78	2	1					
	Pony Rod		32'	38'	7/8"	Tenaris D78	6	1					
	Pony Rod		38'	46'	7/8"	Tenaris D78	8	1					
	4per Guided Rod		46'	1,946'	7/8"	Tenaris D78	1900	76					
	4per Guided Rod		1,946'	5,071'	3/4"	Tenaris D78	3125	125					
	8per Guided Rod		5,071'	5,871'	7/8"	Tenaris D78	800	32					
Stage	Top	Bottom	SPF	EHD	Date	Frac Summary							
5	0'	0'	3	-	-	Formation:	PB7						
	0'	0'	3	-	-	20/40 White:	29,670 lbs	15% HCl:	0 gals				
	0'	0'	3	-	-	Slickwater:	5,781 gals	17# Delta 140:	9,194 gals				
	0'	0'	3	-	-	ISIP=	2,162 psi	Load to Recover:	14,975 gals				
	0'	0'	3	-	-	FG=	0.960 psi/ft	Max STP:	2,606 psi				
	4,292'	4,294'	3	0.34	8/1/2013								
4,298'	4,300'	3	0.34	8/1/2013									
4	0'	0'	2	-	-	Formation:	D2 D1						
	0'	0'	2	-	-	20/40 White:	26,200 lbs	15% HCl:	750 gals				
	0'	0'	2	-	-	Slickwater:	11,436 gals	17# Delta 140:	6,887 gals				
	0'	0'	2	-	-	ISIP=	1,898 psi	Load to Recover:	19,073 gals				
	0'	0'	2	-	-	FG=	0.850 psi/ft	Max STP:	3,053 psi				
	4,710'	4,712'	2	0.34	8/1/2013								
4,762'	4,766'	2	0.34	8/1/2013									
3	0'	0'	2	-	-	Formation:	B2 C-Sand						
	0'	0'	2	-	-	20/40 White:	46,140 lbs	15% HCl:	500 gals				
	0'	0'	2	-	-	Slickwater:	2,679 gals	17# Delta 140:	11,874 gals				
	4,860'	4,861'	2	0.34	7/25/2013	ISIP=	- psi	Load to Recover:	15,053 gals				
	4,864'	4,865'	2	0.34	7/25/2013	FG=	0.450 psi/ft	Max STP:	4,234 psi				
	5,016'	5,018'	2	0.34	7/25/2013								
5,026'	5,028'	2	0.34	7/25/2013									
2	0'	0'	3	-	-	Formation:	LODC						
	0'	0'	3	-	-	20/40 White:	19,230 lbs	15% HCl:	500 gals				
	0'	0'	3	-	-	Slickwater:	4,015 gals	17# Delta 140:	4,891 gals				
	0'	0'	3	-	-	ISIP=	- psi	Load to Recover:	9,406 gals				
	0'	0'	3	-	-	FG=	0.450 psi/ft	Max STP:	4,125 psi				
	5,326'	5,330'	3	0.34	7/25/2013								
1	0'	0'	3	-	-	Formation:	CPS						
	0'	0'	3	-	-	20/40 White:	23,160 lbs	15% HCl:	750 gals				
	0'	0'	3	-	-	Slickwater:	4,770 gals	17# Delta 140:	5,919 gals				
	0'	0'	3	-	-	ISIP=	- psi	Load to Recover:	11,439 gals				
	0'	0'	3	-	-	FG=	0.450 psi/ft	Max STP:	2,804 psi				
	5,925'	5,927'	3	0.34	7/25/2013								
5,930'	5,932'	3	0.34	7/25/2013									



CEMENT	Surf	On 6/11/13 cement w/Pro Petro w/175 sks of class G+2%KCl+25#CF mixed @ 15.8ppg and 1.17 yield. Returned 7 bbls to pit, bump plug to 600 psig.											
	Prod	On 7/10/13 Pump 220 sacks PL11+3%KCL+5#CSE+.5CF+%KOL+.5SMS+FP+S mixed at 11 ppg and 3.53 yield. Then 450 sacks 50:50:2+3%KCL+.5#EC-1+.25CF+.05#SF+.3SMS mixed at 14.4 ppg 1.24 yield. Returned 28 bbls of cement to reserve pit. TOC @ 130'.											

# GMBU I-12-9-16

Spud Date: 4/24/2013

Put on Production: 6/18/2013

GL: 5420' KB: 5430'

## Wellbore Diagram

### FRAC JOB

6/4/2013	5927'-5931'	TREAT CP4 SANDS w/ 255 gals 15%HCL
6/6/2013	4965'-4988'	FRAC C-SAND w/ 96310# 20/40 & 250 gal 15%HCL

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24.0#  
 DEPTH LANDED: 323' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs "G" cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 DEPTH LANDED: 6230' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 250 sxs Permlite & 450 sxs "50/50 POZ" cmt  
 CEMENT TOP AT: 40'

### TUBING

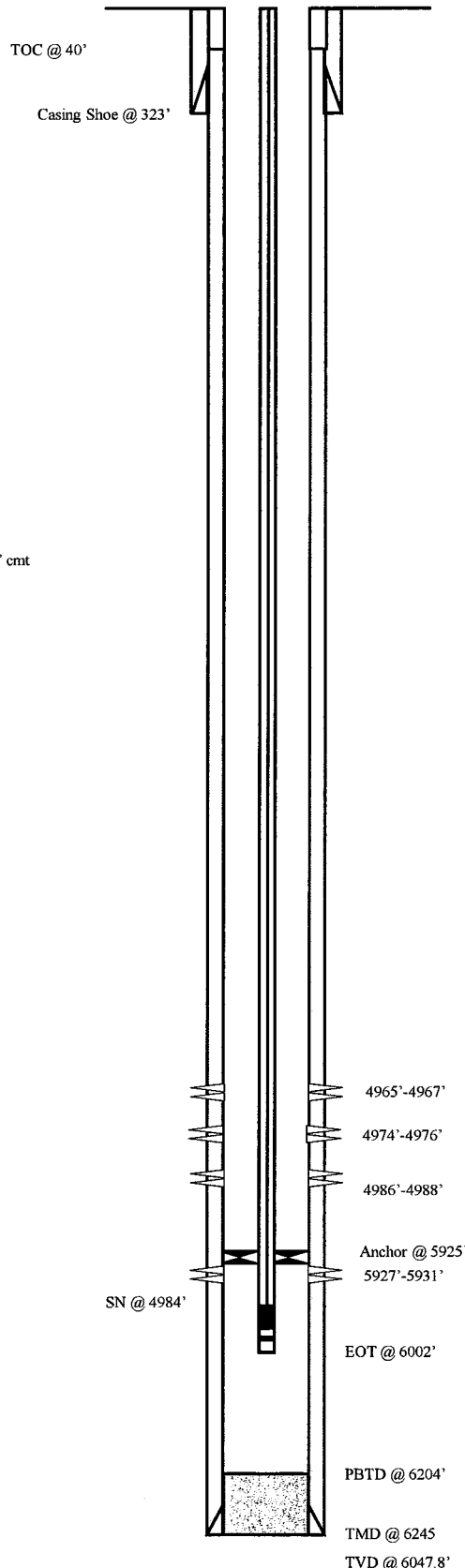
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: ???jts (???)  
 TUBING ANCHOR: ???' KB  
 NO. OF JOINTS: 1jt (31.6')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: ???'  
 NO. OF JOINTS: 1jt (30.2')  
 NOTCHED COLLAR:  
 TOTAL STRING LENGTH: EOT @ 6002'

### SUCKER RODS

POLISHED ROD: 30' x 1-1/2"  
 SUCKER RODS: 2', 8' x 7/8" Pony Rod, 78 x 7/8" 4per Guided Rod, 128 x 3/4" 4 per guided Rod, 30 x 3/4" 8per Guided Rod  
 PUMP SIZE: 2-1/2" x 1-3/4" x 20' x 21' x 24' RHAC  
 STROKE LENGTH: 76"  
 PUMP SPEED, SPM: 4  
 PUMPING UNIT: LUFKIN C-320D-246-86

### PERFORATION RECORD

6/4/2013	5927'-5931'	3 JSPF	12 HOLES
6/6/2013	4986'-4988'	3 JSPF	6 HOLES
6/6/2013	4974'-4976'	3 JSPF	6 HOLES
6/6/2013	4965'-4967'	3 JSPF	6 HOLES



**GMBU I-12-9-16**  
 1844' FNL & 2118' FEL  
 SWNE Section 12-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-51252; Lease #UTU-035521

## Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**  
 Well Name: **JIF**  
 Sample Point: **After production filter**  
 Sample Date: **12/9/2011**  
 Sample ID: **WA-204152**

Sales Rep: **Darren Betts**  
 Lab Tech: **Gary Peterson**

Scaling potential predicted using ScaleSoftPitzer from  
 Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations		Anions	
		mg/L		mg/L	
Test Date:	12/9/2011	Sodium (Na):	7647.40	Chloride (Cl):	11000.00
System Temperature 1 (°F):	300.00	Potassium (K):	33.40	Sulfate (SO4):	190.00
System Pressure 1 (psig):	3000.00	Magnesium (Mg):	9.00	Bicarbonate (HCO3):	1390.80
System Temperature 2 (°F):	70.00	Calcium (Ca):	45.00	Carbonate (CO3):	0.00
System Pressure 2 (psig):	14.70	Strontium (Sr):	0.00	Acetic Acid (CH3COO)	0.00
Calculated Density (g/ml):	1.01	Barium (Ba):	9.80	Propionic Acid (C2H5COO)	0.00
pH:	8.40	Iron (Fe):	10.50	Butanoic Acid (C3H7COO)	0.00
Calculated TDS (mg/L):	20336.89	Zinc (Zn):	0.00	Isobutyric Acid ((CH3)2CHCOO)	0.00
CO2 in Gas (%):	0.00	Lead (Pb):	0.71	Fluoride (F):	0.00
Dissolved CO2 (mg/L):	0.00	Ammonia NH3:	0.00	Bromine (Br):	0.00
H2S in Gas (%):	0.00	Manganese (Mn):	0.28	Silica (SiO2):	0.00
H2S in Water (mg/L):	0.50				

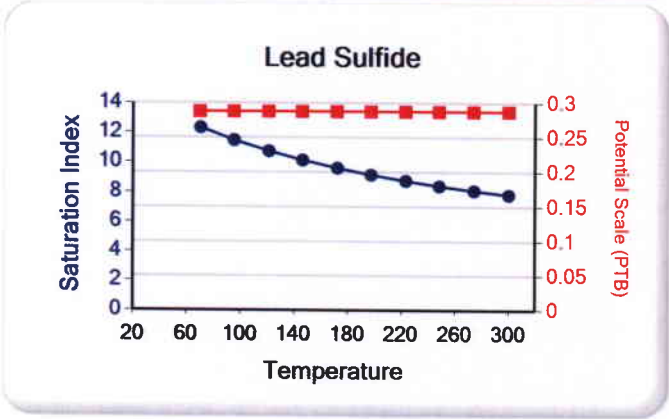
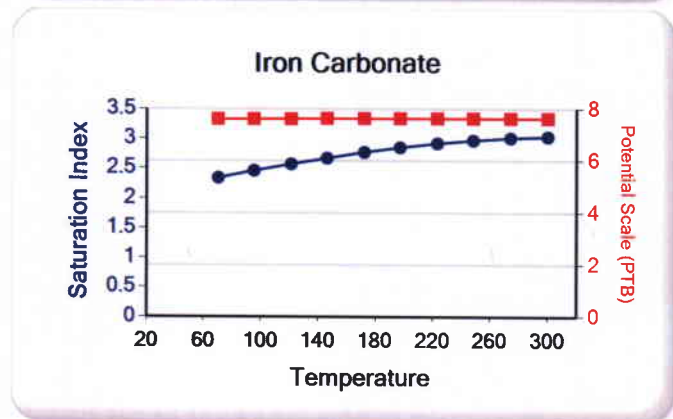
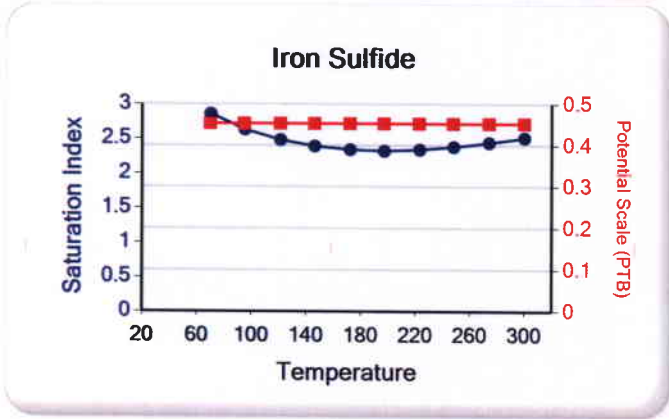
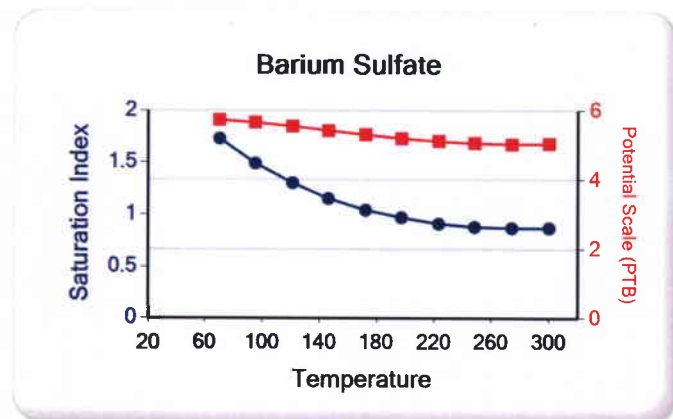
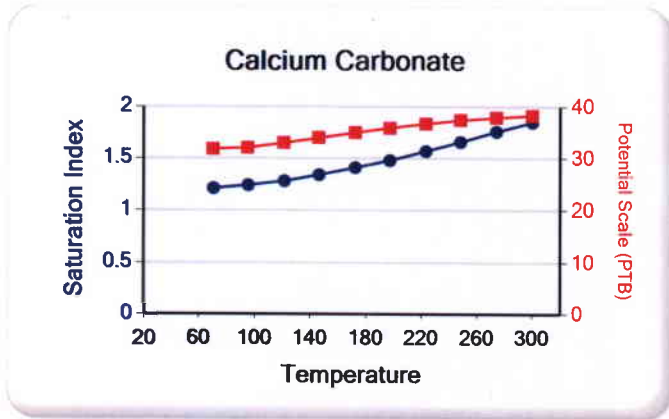
**Notes:**

(PTB = Pounds per Thousand Barrels)

Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	1.21	31.74	1.73	5.72	2.86	0.45	2.34	7.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	346	1.24	31.98	1.49	5.64	2.63	0.45	2.46	7.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	678	1.28	32.90	1.30	5.53	2.48	0.45	2.57	7.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	1.34	33.89	1.15	5.42	2.39	0.45	2.67	7.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	1.41	34.90	1.04	5.29	2.34	0.45	2.77	7.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	1.48	35.84	0.97	5.19	2.32	0.45	2.85	7.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	1.57	36.67	0.91	5.10	2.34	0.45	2.92	7.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	1.66	37.35	0.88	5.05	2.38	0.45	2.97	7.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	1.76	37.89	0.87	5.02	2.44	0.45	3.01	7.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	1.85	38.30	0.87	5.03	2.51	0.45	3.03	7.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Temp (°F)	PSI	Hemihydrate CaSO4·0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.33	0.29	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.48	0.29	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.75	0.29	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.14	0.29	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.61	0.29	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.15	0.29	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.75	0.29	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.40	0.29	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.09	0.29	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.81	0.29	0.00	0.00	0.00	0.00	0.00	0.00

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Lead Sulfide



Water Analysis Report

Production Company: **NEWFIELD**  
Well Name: **22-12J-9-16**  
Sample Point: **Treater**  
Sample Date: **3/20/2012**  
Sample ID: **WA-210169**

Sales Rep: **Darren Betts**  
Lab Tech: **Gary Peterson**

Scaling potential predicted using ScaleSoftPitzer from  
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations		Anions	
		mg/L		mg/L	
Test Date:	3/29/2012	Sodium (Na):	6262.30	Chloride (Cl):	8700.00
System Temperature 1 (°F):	300.00	Potassium (K):	34.00	Sulfate (SO <sub>4</sub> ):	136.00
System Pressure 1 (psig):	3000.00	Magnesium (Mg):	10.00	Bicarbonate (HCO <sub>3</sub> ):	1683.60
System Temperature 2 (°F):	70.00	Calcium (Ca):	28.50	Carbonate (CO <sub>3</sub> ):	0.00
System Pressure 2 (psig):	14.70	Strontium (Sr):	0.00	Acetic Acid (CH <sub>3</sub> COO):	0.00
Calculated Density (g/ml):	1.01	Barium (Ba):	18.00	Propionic Acid (C <sub>2</sub> H <sub>5</sub> COO):	0.00
pH:	9.10	Iron (Fe):	1.10	Butanoic Acid (C <sub>3</sub> H <sub>7</sub> COO):	0.00
Calculated TDS (mg/L):	16873.80	Zinc (Zn):	0.03	Isobutyric Acid ((CH <sub>3</sub> ) <sub>2</sub> CHCOO):	0.00
CO <sub>2</sub> in Gas (%):	0.00	Lead (Pb):	0.10	Fluoride (F):	0.00
Dissolved CO <sub>2</sub> (mg/L):	0.00	Ammonia NH <sub>3</sub> :	0.00	Bromine (Br):	0.00
H <sub>2</sub> S in Gas (%):	0.00	Manganese (Mn):	0.17	Silica (SiO <sub>2</sub> ):	0.00
H <sub>2</sub> S in Water (mg/L):	30.00				

Notes:

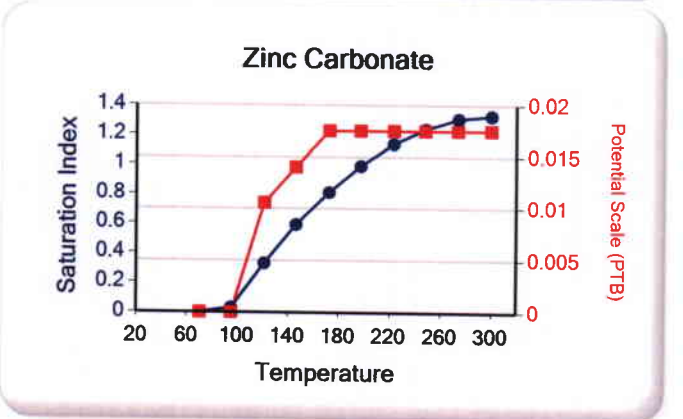
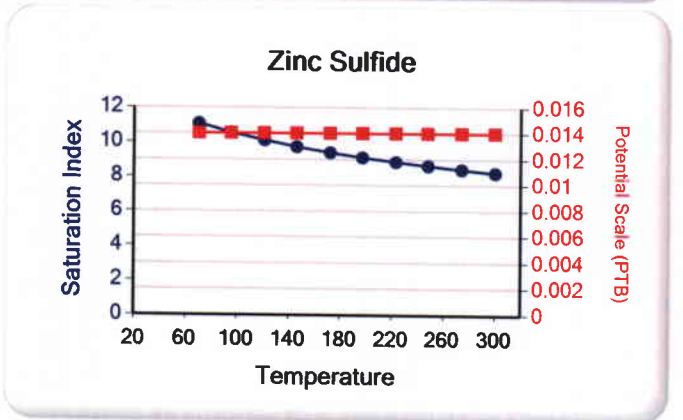
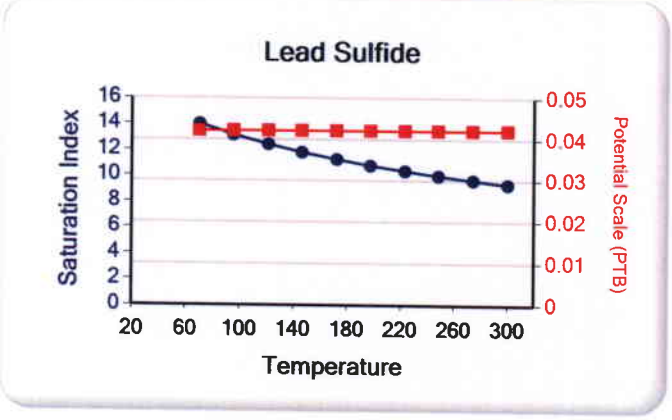
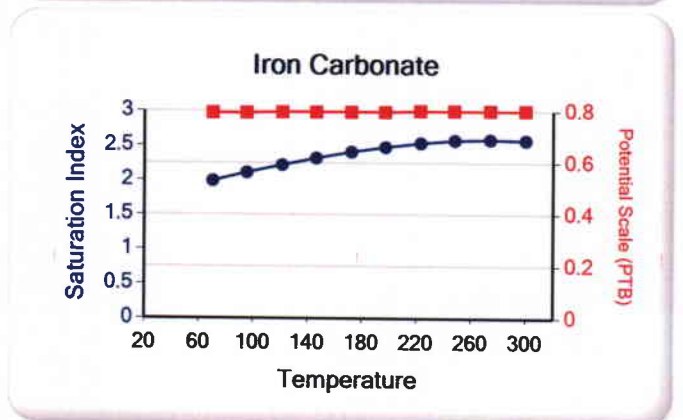
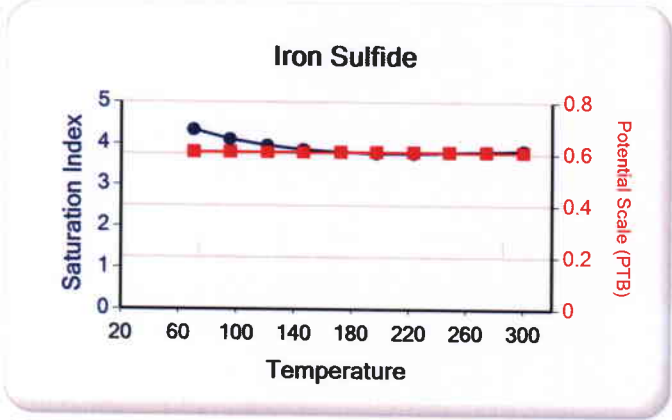
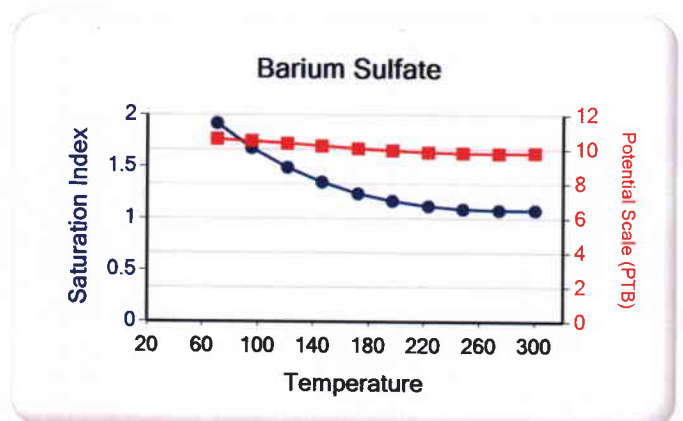
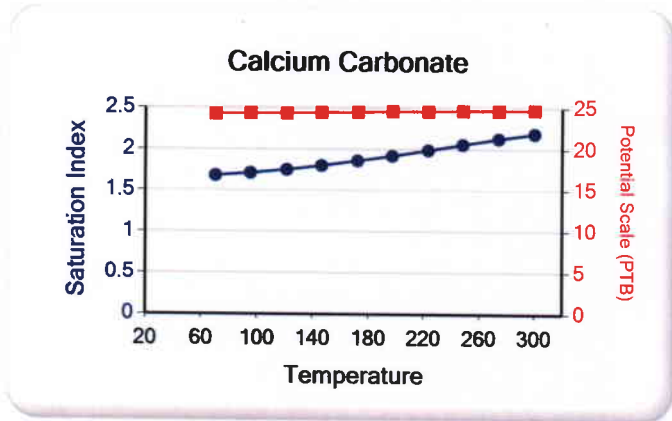
(PTB = Pounds per Thousand Barrels)

Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO <sub>4</sub> ·2H <sub>2</sub> O		Celestite SrSO <sub>4</sub>		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	1.68	24.32	1.92	10.58	4.34	0.61	1.99	0.79	0.00	0.00	0.00	0.00	0.00	0.00	11.08	0.01
95	346	1.71	24.36	1.68	10.48	4.11	0.61	2.11	0.79	0.00	0.00	0.00	0.00	0.00	0.00	10.55	0.01
121	678	1.75	24.41	1.49	10.35	3.96	0.61	2.22	0.80	0.00	0.00	0.00	0.00	0.00	0.00	10.11	0.01
146	1009	1.80	24.46	1.35	10.20	3.86	0.61	2.32	0.80	0.00	0.00	0.00	0.00	0.00	0.00	9.73	0.01
172	1341	1.86	24.53	1.24	10.05	3.80	0.61	2.41	0.80	0.00	0.00	0.00	0.00	0.00	0.00	9.40	0.01
197	1673	1.92	24.59	1.17	9.92	3.77	0.61	2.48	0.80	0.00	0.00	0.00	0.00	0.00	0.00	9.12	0.01
223	2004	1.99	24.64	1.12	9.82	3.77	0.61	2.54	0.80	0.00	0.00	0.00	0.00	0.00	0.00	8.87	0.01
248	2336	2.06	24.69	1.09	9.77	3.79	0.61	2.58	0.80	0.00	0.00	0.00	0.00	0.00	0.00	8.65	0.01
274	2668	2.13	24.72	1.08	9.75	3.81	0.61	2.59	0.80	0.00	0.00	0.00	0.00	0.00	0.00	8.44	0.01
300	3000	2.19	24.76	1.08	9.76	3.84	0.61	2.58	0.80	0.00	0.00	0.00	0.00	0.00	0.00	8.24	0.01

Temp (°F)	PSI	Hemihydrate CaSO <sub>4</sub> ·0.5H <sub>2</sub> O		Anhydrate CaSO <sub>4</sub>		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	13.16	0.04	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.01	12.43	0.04	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.01	11.81	0.04	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.00	0.00	0.00	0.00	0.00	0.00	0.81	0.02	11.27	0.04	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.00	0.00	0.00	0.00	0.00	0.00	0.99	0.02	10.79	0.04	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	0.00	0.00	0.00	0.00	0.00	0.00	1.14	0.02	10.38	0.04	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	0.00	0.00	0.00	0.00	0.00	0.00	1.24	0.02	10.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	0.00	0.00	0.00	0.00	0.00	0.00	1.31	0.02	9.66	0.04	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	0.00	0.00	0.00	0.00	0.00	0.00	1.33	0.02	9.33	0.04	0.00	0.00	0.00	0.00	0.00	0.00

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Lead Sulfide





**Attachment "G"**

**Monument Federal #22-12J-9-16  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
4792	4875	4834	3150	1.09	3119
5176	5192	5184	2270	0.87	2236 ←
4790	4796	4793	3992	1.27	3961
				<b>Minimum</b>	<u>2236</u>

Calculation of Maximum Surface Injection Pressure  
 $P_{max} = (Frac\ Grad - (0.433 * 1.015)) \times \text{Depth of Top Perf}$   
 where pressure gradient for the fresh water is .433 psi/ft and  
 specific gravity of the injected water is 1.015.

$Frac\ Gradient = (ISIP + (0.433 * Top\ Perf.)) / Top\ Perf.$

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #22-12J

Location: SE NW Section 12, T9S, R16E

Duchesne County, Utah

2017.7' FNL, 2098.5' FWL

PTD: 5750' Formation: Green River

Jonah Unit / Monument Butte

Elevations: 5505' GL

Contractor: Basin Well Service

Operator: Balcron/EREC

Spud: 7-5-94 @ 11 a.m.

Casing: 9-5/8", 29.3# @ 228'

5-1/2", 15.5# @ 5294'

Tubing: 2-7/8", 6.5#, J-55 @ 4942.75' KB

---TIGHT HOLE---

7-5-94

Re-Entry

Present Operation: Drill Cmt.

MIRU Basin Pulling Unit. Install anchors, csg head, tbg head. NU BOP & test to 1000#. PU power swivel, drill collar & drag bit & start drilling cmt @ surface. Drill to 220', POOH w/small drill collars & tbg. SDFN. Spud @ 11 a.m. 7-5-94.

DC: \$17,375

CC: \$17,375

7-6-94

Re-Entry

PU drag bit, XO sub, six 4-1/8" drill collars. PU 2 jts 2-7/8" tbg, RU Power Sub to drill. Broke circ & started drilling @ 220'. Did not brake any hole, PD Power Sub & POOH, changed drag bit & TIH. PU Power Sub & start drilling. Fell through first plug @ 300', PU 6 jts 2-7/8" tbg & tagged cmt @ 470'. Started getting metal shaving in returns @ 485'. Metal stopped coming in returns @ 495'. Drilled through cmt @ 570'. Tested csg to 1000 psi. SWIFN.

DC: \$2,821

CC: \$20,196

7-7-49

Re-Entry

Hung Power Sub back & PU 68 jts 2-7/8" tbg, tagged cmt @ 2720' KB. PU Power Sub & started drilling. Drilled down 10 jts & fell through @ 2990', PU 2 more jts tbg. Tested csg to 1000 psi - lost 300 psi in 5 min. Hung Power Sub back, nipped drilling head down & TOO H w/tbg & collars. Changed bits & TIH w/bit, bit sub, six 4-1/8" drill collars, XO sub, & 96 jts 2-7/8" tbg.

DC: \$2,747

CC: \$22,943

7-8-94

Re-Entry

PU 44 jts 2-7/8" tbg, tagged cmt @ 4442' KB, drilled down to 4459' & tagged CIBP, drilled plug up, hung Power Sub back, PU 23 jts 2-7/8" tbg, tagged fill @ 5207' KB. PU Power Sub & drill down to 5235' KB, RD Power Sub. TOO H w/161 jts 2-7/8" tbg, LD XO sub, six 4-1/8" drill collars, bit sub, & bit. PU bit & scraper & run 49 jts 2-7/8" tbg in the hole. SWI.

DC: \$2,722

CC: \$25,665

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #22-12J

Location: SE NW Section 12, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

7-11-94 Re-Entry  
 CP & TP - vac. TIH w/119 jts tbg, scraper & bit. TIH w/RBP, retrieving tool, HD packer, SN & 141 jts 2-7/8" tbg. Set BP @ 4396'KB, pressure test csg to 1000 psi, lost 300 psi in 5 min. Reset BP @ 4460' KB, set packer 4389' KB. Broke down @ 2800 psi, 1.5 BPM. Reset BP @ 4818' KB, set packer @ 4777' KB, inject @ 1.8 BPM @ 2800 psi. Reset BP @ 4858' KB, set packer @ 4836'KB, inject @ 1.9 BPM @ 1800 psi. Reset BP @ 4867' KB, set packer @ 4858'KB, inject @ 1.7 BPM @ 2200 psi. Reset BP @ 4915' KB, set packer @ 4867' KB, communicated between 4872' & 4864' KB, reset packer to 4858' KB, inject @ 1.7 BPM @ 2200 psi. Reset BP @ 5207' KB, set packer @ 5167' KB, inject @ 1.8 BPM @ 2100 psi. Retrieve BP, reset @ 2093' KB. SWIFN.  
 DC: \$3,949 CC: \$29,614

7-12-94 Re-Entry  
 CP & TP - 0. BP set @ 2093' KB, pressure test csg to 1300#, lost 300 psi in 5 min. Reset BP @ 1447' KB, pressure test csg 1300 psi, lost 200 psi. Reset BP @ 370' KB, pressure test csg 625 psi, lost 100 psi in 5 min. TOOH w/tbg & tools, BP & packer OK. TIH w/RBP, retrieving head, HD packer, SN & 166 jts 2-7/8" tbg. Set BP @ 5207' KB, set packer @ 5167' KB. RU Western to acidize 5180' KB w/100 gallons 15% HCL, rate 3.4 BPM @ 2600 psi, ISIP 1800 psi. Reset BP @ 4915' KB, packer @ 4836' KB, acidize 4849'-51' (6 holes), 4864' (3 holes), & 4872' (3 holes) w/2000 gallons 15% HCL, 25 balls, rate 4.6 BPM, 2200 psi. Reset BP @ 4818', packer @ 4777' to acidize 4792' KB (3 holes) w/15% HCL, rate 2.4 BPM @ 2600 psi. ISIP 2400 psi. Reset BP @ 4460' KB, packer @ 4389' KB, acidize 4440' KB (3 holes) w/15% HCL, rate 3.3 BPM @ 2250 psi, ISIP 1700 psi. RU to swab 4440' zone.

<u>TIME</u>	<u>RUN</u>	<u>PULL FROM</u>	<u>FLUID LEVEL</u>	<u>OIL</u>	<u>WATER</u>	<u>GAS</u>	<u>COMMENTS</u>
1445	1	1500	Surf	0	8	0	
1510	2	3000	1500	0	8	0	
1520	3	4300	2900	0	8	0	
1550	4	4380	4300	0	0	0	1/2 bbl acid wtr
1610	5	4380	4350	0	0	0	1/4 bbl acid wtr
1630	6	4380	----	-	-	-	
1700	7	4380	4340	trace	0	0	1/4 bbl acid wtr

SWIFN. Load to recover this zone = 3 BW.

DC: \$3,951

CC: \$33,565

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #22-12J

Location: SE NW Section 12, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

- 7-13-94 Re-Entry  
 CP - 0 psi, TP - 20 psi. FL @ 4000' from surface. Unset packer, release BP, reset BP @ 4818' KB, set packer @ 4777' KB. Zone 4492' KB, FL 2600' from surface, trace oil. Made 6 runs, recovered 21 BW, no entry, trace oil. Reset BP @ 4915', set packer @ 4836', zone 4849'-4872', made 4 runs, recovered 32 BW, 1 BO, acid gas. Last 3 runs, @ 30 min intervals, 400' entry @ 30 min. Reset BP @ 5207', set packer @ 5167', zone 5180'. Made 3 runs, recovered 12 BW, trace oil. Made 2 runs @ 30 min intervals, no entry. TOOH w/tbg & tools. SWIFN.  
 DC: \$15,003 CC: \$48,568
- 7-14-94 Well shut in for the day.
- 7-14-94 Re-entry  
 Load hole w/80 bbls 2% KCL wtr. RU Schlumberger to run CBL & set CIBP @ 5150', RU Schlumberger to perf 4870'-75, 4860'-68' & 4437'-43' all @ 4 SPF. RD Schlumberger. TIH w/RBP, retrieving head, 2-7/8" x 4' sub, HD packer, SN & 159 jts 2-7/8" tbg. Set BP @ 4915' KB, pull packer up to 4811' KB. SWIFN, WO frac 7-19-94.  
 DC: \$9,317 CC: \$57,885
- 7-19-94 Re-entry  
 CP - 0 psi, TP - vac. Pull upp & set packer @ 4720' KB, EOT @ 4729'. RU Western to do break down w/3192 gals 2% KCL wtr. ATP 3100 psi, max 3400 psi. ATR 5.8 BPM, max 6.2 BPM. ISIP 2200 psi. Pump 4 balls/bbl. RU Western to do sand frac w/27,000# 16/30 mesh sand w/13,356 gals 2% KCL gelled wtr. ATP 4600 psi, max 4950 psi. ATR 17.4 BPM, max 20.1 BPM. ISIP 3150 psi, 5 min 2210 psi, 10 min 1430 psi, 15 min 1330 psi. Release packer & circ clean, flow back 53 BW. TOOH w/tbg, packer & RT. TIH w/RBP, retrieving tool, 2-7/8" x 4' sub, SN & 129 jts 2-7/8" tbg, set BP @ 4470' KB, pull up & set packer @ 3089' KB. RU Western to do break down w/3,528 gals 2% KCL wtr. No ATP or ATR recorded. ISIP 2050 psi. Pump 4 balls/bbl. RU Western to frac w/21,280# 16/30 mesh sand w/6,216 gal 2% KCL gelled wtr. ATP 4800 psi, max 7000 psi. ATR 20 BPM, max 20.2 BPM. ISIP not recorded, 5 min 2820 psi, 10 min 2730, 15 min 2610. Screen out w/4890# sand in csg. RD Western SWIFD. Load to recover 573 BW.  
 DC: \$43,703 CC: \$101,588
- 7-20-94 Re-entry  
 CP & TP - vac. Release packer, tag sand @ 4073' KB. Circ down to BP, TOOH w/tbg & tools. TIH w/retrieving head, 2-7/8" x 4' sub, HD packer, SN & 154 jts 2-7/8" tbg. Tag sand @ 4835' KB. Set packer @ 4390' KB. Made 6 swab runs, recovered 45 BW gas-cut. SWIFN.  
 DC: \$2,274 CC: \$103,862

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #22-12J

Location: SE NW Section 12, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

7-21-94 Re-entry  
 TP - vac. Made 17 swab runs, recovered 35 BW - good gas, no trace of oil. Last 6 runs no sand. Release packer, tag sand @ 4890' KB, circ down to 4915' KB, release BP, TOOH w/tbg & tools. TIH w/production string as follows:

	<u>LENGTH</u>	<u>DEPTH KB</u>
1 jt 2-7/8", J-55, 6.5#	26.50'	4942.75'
1 Perf Sub 2-7/8" x 4'	4.15'	4916.25'
1 Seat Nipple 2-7/8" x 1'	1.10'	4912.10'
16 jts 2-7/8", J-55, 6.5#	487.00'	4911.00'
1 Tbg Anchor 2-1/2" x 5-1/2"	2.75'	4424.00'
141 jt 2-7/8", J-55, 6.5#	4409.25'	4421.25'
KB	12.00'	

ND BOP, set tbg anchor w/12" tension. NU well head. SWIFN.  
 DC: \$4,546 CC: \$108,408

7-21-94 Re-entry  
 TIH w/rod production string as follows:  
 1 - BHP 2-1/2"x1-1/2"x16' RWAC w/pa plunger  
 195 - 3/4" x 25' D-60 Slick rods  
 1 - 3/4" x 8' Pony  
 1 - 3/4" x 2' Pony  
 1 - 1-1/4" x 22' Polish Rod  
 Pressure test BHP & tbg to 1000 psi - OK. Clamp rods off. RDMO.  
 DC: \$5,104 CC: \$113,512

8-4-94 Well started pumping @ 5 p.m. 4 SPM, 82" stroke. Contract pumper - Joe Ivie.



**DAILY WORKOVER REPORT**

WELL NAME: Monument Federal 22-12j-9-16

Report Date: August 23, 2008

Day: 1

Operation: Re-completion

Rig: Western #2

**WELL STATUS**

Surf Csg: 9 5/8' @ 228' Prod Csg: 5 1/2" @ 5294' WT: 15.5# Csg PBTD: 5239'  
 Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 4943' CIBP @: 5150'

**PERFORATION RECORD**

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<u>PB10 sds</u>	<u>4437-4443'</u>	<u>4/24</u>			
<u>D3 sds</u>	<u>4792-4792'</u>	<u>3/3</u>			
<u>C sds</u>	<u>4860-4868'</u>	<u>4/32</u>			
<u>C sds</u>	<u>4870-4875'</u>	<u>4/20</u>			
<u>A3 sds</u>	<u>5180-5180'</u>	<u>3/3</u>			

**CHRONOLOGICAL OPERATIONS**

Date Work Performed: August 22, 2008

SITP: 0 SICP: 0

MIRU western #2. RU HO trk & pump 70 BW dn annulus @ 250 F. RD pumping unit & unseat pump. Flush tbg & rods W/ 40 BW @ 250 F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 5 BW. Pressure test tbg to 3000 psi. Retrieve rod string & pump. TOH & hang 75-3/4" plain rods. LD 40-3/4" plain rods. PU polished rod. Reflush rods W/ add'l 30 BW @ 250 F. SIFN W/ est 145 BWTR.

**FLUID RECOVERY (BBLs)**

Starting fluid load to be recovered: 0 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 145 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 145 Cum oil recovered: \_\_\_\_\_  
 IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

**TUBING DETAIL**

**ROD DETAIL**

**COSTS**

TUBING DETAIL	ROD DETAIL	COSTS
KB <u>12'</u>	<u>1 1/4" X 22' polished rod</u>	<u>Western #2 rig</u> \$1,978
141 <u>2 7/8 J-55 tbg</u>	<u>1-8', 1-6', 1-2' X 3/4" pony rods</u>	<u>Liddell trucking</u> \$2,000
<u>TA @ 4424'</u>	<u>191-3/4" plain rods</u>	<u>NDSI wtr &amp; truck</u> \$600
16 <u>2 7/8 J-55 tbg</u>	<u>4-1" scraped rods</u>	<u>NPC trucking</u> \$300
<u>SN @ 4912'</u>	<u>2 1/2" X 1 3/4" RHAC pump</u>	<u>Heatwaves HO trk</u> \$1,205
<u>Perf'd sub</u>		<u>CDI rod pump</u> \$2,000
1 <u>2 7/8 J-55 tbg</u>		<u>CDI TA repair</u> \$450
<u>Bullplug @ 4943'</u>		<u>Rocky Mt. T.O.C.</u> \$400
		<u>Weatherford BOP</u> \$300
		<u>NPC supervision</u> \$300
		<b>DAILY COST:</b> \$9,533
		<b>TOTAL WELL COST:</b> \$9,533

Workover Supervisor: Gary Dietz



**DAILY WORKOVER REPORT**

WELL NAME: Monument Federal 22-12j-9-16 Report Date: August 26, 2008 Day: 2  
 Operation: Re-completion Rig: Western #2

**WELL STATUS**

Surf Csg: 9 5/8' @ 228' Prod Csg: 5 1/2" @ 5294' WT: 15.5# Csg PBTD: 5239'  
 Tbg: Size: 2 7/8" Wt: 6.5# Grd: N-80 Pkr/EOT @: 4304' BP/sand PBTD: 5224'

**PERFORATION RECORD**

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
PB10 sds	4437-4443'	4/24			
D3 sds	4792-4792'	3/3			
C sds	4860-4868'	4/32			
C sds	4870-4875'	4/20			
A3 sds	5180-5180'	3/3			

**CHRONOLOGICAL OPERATIONS**

Date Work Performed: August 25, 2008 SITP: 0 SICP: 0

Con't TOH & LD plain rods. ND wellhead & release TA @ 4424'. NU BOP. TOH & talley production tbg--LD BHA. Flushed tbg W/ 40 BW on TOH due to waxy ID (hole filled). Talley, MU & TIH W/ new Smith 4 3/4" tooth bit, bit sub & 2 7/8 8rd 6.5# N-80 tbg. Tag fill @ 5120'. RU power swivel. C/O fill to CIBP @ 5150'. Drill out plug. Con't swivelling jts in hole to tag fill @ 5213'. C/O fill to 5224'. Very torquy & much plugging problems (lack 15' f/ PBTD @ 5239'). Circ hole clean. Lost no add'l wtr to well. RD swivel. Pull EOT to 4304'. SIFN W/ est 185 BWTR.

**FLUID RECOVERY (BBLs)**

Starting fluid load to be recovered: 145 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 40 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 185 Cum oil recovered: \_\_\_\_\_  
 IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

**TUBING DETAIL**

**ROD DETAIL**

**COSTS**

		Western #2 rig	\$5,393
		Weatherford BOP	\$300
		Multi-chem chemicals	\$300
		Weatherford bit	\$950
		NPC trucking	\$300
		Four Star swivel	\$800
		Weatherford WH rubber	\$500
		Heatwaves HO trk	\$973
		NPC supervision	\$300

**DAILY COST:** \$9,816

**TOTAL WELL COST:** \$19,349

Workover Supervisor: Gary Dietz





**DAILY WORKOVER REPORT**

WELL NAME: Monument Federal 22-12j-9-16

Report Date: August 27, 2008

Day: 3

Operation: Re-completion

Rig: Western #2

**WELL STATUS**

Surf Csg: 9 5/8' @ 228' Prod Csg: 5 1/2" @ 5294' WT: 15.5# Csg PBDT: 5239'  
Tbg: Size: 2 7/8" Wt: 6.5# Grd: N-80 Pkr/EOT @: 5215' BP/sand PBDT: 5224'

**PERFORATION RECORD**

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<u>PB10 sds</u>	<u>4437-4443'</u>	<u>4/24</u>			
<u>D3 sds</u>	<u>4790-4796'</u>	<u>3/3, 4/24</u>			
<u>C sds</u>	<u>4860-4868'</u>	<u>4/32</u>			
<u>C sds</u>	<u>4870-4875'</u>	<u>4/20</u>			
<u>A3 sds</u>	<u>5176-5192'</u>	<u>3/3, 4/64</u>			

**CHRONOLOGICAL OPERATIONS**

Date Work Performed: August 26, 2008

SITP: 0 SICP: 0

0 psi on well. Wait on hot oiler. Flush tbg w/ 50 BW. Continue TOH w/ 133 jts of 2 7/8 N-80 tbg. LD bit. RU Perforators LLC WLT. RIH w/ 16' & 6' perf guns (3 1/8" slick guns). Perforate A3 sds @ 5176- 90', D3 sds @ 4790- 96'. RD WL. PU & RIH W/ 5 1/2" TS plug, Retrieving head, 6' X 2 3/8 N-80 sub, 5 1/2" HD pkr & 152 jts of 2 7/8 8rd 6.5# N-80 tbg. Set plug @ 4932'. Test tools to 1500 psi. Set pkr @ 4628'. RU BJ services to tbg. Fill & hold pressure on annulus during frac. 0 psi on tbg. Fill tbg w/ 2.6 BW. Broke back @ 4615 @ 5 BPM. Pumped 781 gals of 4% Techni-Hib 767W Solution, 412 gals of fresh wtr spacer, 500 gals of 15% HCL w/ additives, Flush w/ 1386 gals of fresh wtr (First 630 gals had Claytreat & Info-250). Annulus pressure begin to climb during flush. Shut down when annulus pressure hit 1000 psi. ISIP 2938 psi. Annulus pressure continued to climb to 2042 psi. Bled off tbg pressure, Annulus pressure drop when bleeding off tbg pressure. Flowed back 22 BTF. RD BJ Services. Pressure up on annulus. Release pkr. Circulate clean. Move tools down hole & pressure test to 1500 psi, Good. Set plug @ 5215'. Install frac valve & left pkr hanging @ 5124'. SIWFN. 238 BWTR.

**FLUID RECOVERY (BBLs)**

Starting fluid load to be recovered: 185 Starting oil rec to date: \_\_\_\_\_  
Fluid lost/recovered today: 53 Oil lost/recovered today: \_\_\_\_\_  
Ending fluid to be recovered: 238 Cum oil recovered: \_\_\_\_\_  
IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

**STIMULATION DETAIL**

Base Fluid used: Lightning 17 Job Type: Acid job  
Company: BJ Services

Procedure or Equipment detail: C sds  
781 gals w/ Techna Hib solution  
412 gals of spacer  
500 gals of 15% HCL w/ additives  
Flush w/ 1386 gals of slick water

**COSTS**

<u>Western #2 rig</u>	<u>\$4,927</u>
<u>Weatherford BOP</u>	<u>\$300</u>
<u>Weatherford tools/serv</u>	<u>\$1,500</u>
<u>Bj Services</u>	<u>\$5,895</u>
<u>CD wtr &amp; trucking</u>	<u>\$400</u>
<u>Liddell trucking</u>	<u>\$1,200</u>
<u>NPC supervision</u>	<u>\$300</u>

**DAILY COST:** \$14,522

**TOTAL WELL COST:** \$33,871

Max TP: 4314 Max Rate: 5.3 BPM Total fluid pmpd: 76 bbls  
Avg TP: 4148 Avg Rate: 5.2 BPM Total Prop pmpd: \_\_\_\_\_  
ISIP: 2938 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: \_\_\_\_\_



**DAILY WORKOVER REPORT**

WELL NAME: Monument Federal 22-12j-9-16

Report Date: August 29, 2008

Day: 4a

Operation: Re-completion

Rig: Western #2

**WELL STATUS**

Surf Csg: 9 5/8' @ 228' Prod Csg: 5 1/2" @ 5294' WT: 15.5# Csg PBTD: 5239'  
 Tbg: Size: 2 7/8" Wt: 6.5# Grd: N-80 Pkr/EOT @: 5215' BP/sand PBTD: 5224'

**PERFORATION RECORD**

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<u>PB10 sds</u>	<u>4437-4443'</u>	<u>4/24</u>			
<u>D3 sds</u>	<u>4790-4796'</u>	<u>3/3, 4/24</u>			
<u>C sds</u>	<u>4860-4868'</u>	<u>4/32</u>			
<u>C sds</u>	<u>4870-4875'</u>	<u>4/20</u>			
<u>A3 sds</u>	<u>5176-5192'</u>	<u>3/3, 4/64</u>			

**CHRONOLOGICAL OPERATIONS**

Date Work Performed: August 28, 2008

SITP: 0 SICP: 0

Day 4a. Stage 1, Tbg frac A3 sds.

0 psi on well. RU BJ services to tbg. Fill & hold pressure on annulus during frac. 0 psi on tbg. Fill tbg w/ 13.2 BW. Frac A3 sds w/ 24,666#'s of 20/40 sand in 283 bbls of Lightning 17 fluid. Broke @ 2775 psi @ 3.2 BPM. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 3548 psi @ ave rate of 13.1 BPM. ISIP 2270 psi. Begin immediate flowback on 20/64 choke @ 3 BPM. Flowed back 120 BTF & died. Pressure up on annulus. Release pkr. Circulate clean. Move tools. 424 BWTR. See Day 4b.

**FLUID RECOVERY (BBLs)**

Starting fluid load to be recovered: 238 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 186 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 424 Cum oil recovered: \_\_\_\_\_  
 IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

**STIMULATION DETAIL**

Base Fluid used: Lightning 17 Job Type: Sand frac  
 Company: BJ Services  
 Procedure or Equipment detail: A3 sds down 2 7/8" N-80 tbg  
781 gals w/ Techna Hib solution  
761 gals of spacer  
3200 gals of pad.  
2000 gals of 1-4 ppg 20/40 sand  
3877 gals of 4-6 ppg 20/40 sand  
Flush w/ 1285 gals of slick water

**COSTS**

Western #2 rig \$2,707  
Weatherford BOP \$300  
Weatherford tools/serv \$1,500  
Bj Services \$22,445  
CD wtr & trucking \$400  
NPC supervision \$150

**DAILY COST:** \$27,502

**TOTAL WELL COST:** \$61,373

Max TP: 3653 Max Rate: 13.2 BPM Total fluid pmpd: 283 bbls  
 Avg TP: 3548 Avg Rate: 13.1 BPM Total Prop pmpd: 24,666#'s  
 ISIP: 2270 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: .87



**DAILY WORKOVER REPORT**

WELL NAME: Monument Federal 22-12j-9-16 Report Date: August 29, 2008 Day: 4b  
 Operation: Re-completion Rig: Western #2

**WELL STATUS**

Surf Csg: 9 5/8' @ 228' Prod Csg: 5 1/2" @ 5294' WT: 15.5# Csg PBDT: 5239'  
 Tbg: Size: 2 7/8" Wt: 6.5# Grd: N-80 Pkr/EOT @: 5215' BP/sand PBDT: 5224'

**PERFORATION RECORD**

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
PB10 sds	4437-4443'	4/24			
D3 sds	4790-4796'	3/3, 4/24			
C sds	4860-4868'	4/32			
C sds	4870-4875'	4/20			
A3 sds	5176-5192'	3/3, 4/64			

**CHRONOLOGICAL OPERATIONS**

Date Work Performed: August 28, 2008 SITP: 0 SICP: 0

Day 4b. Stage 2, Tbg frac D3 & C sds.

Set plug @ 4829'. Set pkr @ 4734'. RU BJ services to tbg. Breakdown D3 sds. Broke @ 3065 psi @ 3.2 BPM. Pumped a total of 5 BW. Release pkr. Move plug down to 4932'. Install frac valve & set pkr @ 4734'. RU BJ Services to tbg. Fill & hold pressure on annulus during frac. 0 psi on tbg. Frac D3 & C sds w/ 23,599#'s of 20/40 sand in 244 bbls of Lightning 17 fluid. Broke back @ 3204 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 4323 psi @ ave rate of 13.3 BPM. ISIP 3992 psi. Begin immediate flowback on 20/64 choke @ 3 BPM. Flowed back 60 BTF & died. Pressure up on annulus. Release pkr. Circulate clean. Move tools. Set plug @ 5214'. Leave pkr hanging @ 4932'. RU swab equipment. IFL @ surface. Made 13 runs. Rec 138 BTF. FFL @ 2100. Trace of oil, No sand. RD swab equipment. SIWFN 475 BWTR.

**FLUID RECOVERY (BBLs)**

Starting fluid load to be recovered: 424 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 51 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 475 Cum oil recovered: \_\_\_\_\_  
 IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

**STIMULATION DETAIL**

Base Fluid used: Lightning 17 Job Type: Sand frac  
 Company: BJ Services  
 Procedure or Equipment detail: D3 & C sds down 2 7/8" N-80 tbg  
780 gals w/ Techna Hib solution  
354 gals of spacer  
2600 gals of pad.  
1700 gals of 1-4 ppg 20/40 sand  
3612 gals of 4-6 ppg 20/40 sand  
Flush w/ 1189 gals of slick water

**COSTS**

Western #2 rig \$2,707  
Weatherford tools/serv \$1,000  
Bj Services \$12,614  
CD wtr & trucking \$400  
NPC supervision \$150

**DAILY COST:** \$16,871

**TOTAL WELL COST:** \$78,244

Max TP: 4622 Max Rate: 13.5 BPM Total fluid pmpd: 244 bbls  
 Avg TP: 4323 Avg Rate: 13.3 BPM Total Prop pmpd: 23,599#'s  
 ISIP: 3992 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: 1.29



**DAILY WORKOVER REPORT**

WELL NAME: Monument Federal 22-12j-9-16

Report Date: August 29, 2008

Day: 5

Operation: Re-completion

Rig: Western #2

**WELL STATUS**

Surf Csg: 9 5/8' @ 228' Prod Csg: 5 1/2" @ 5294' WT: 15.5# Csg PBTD: 5239'  
Tbg: Size: 2 7/8" Wt: 6.5# Grd: N-80 Pkr/EOT @: 5219' BP/sand PBTD: 5224'

**PERFORATION RECORD**

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
PB10 sds	<u>4437-4443'</u>	<u>4/24</u>			
D3 sds	<u>4790-4796'</u>	<u>3/3, 4/24</u>			
C sds	<u>4860-4868'</u>	<u>4/32</u>			
C sds	<u>4870-4875'</u>	<u>4/20</u>			
A3 sds	<u>5176-5192'</u>	<u>3/3, 4/64</u>			

**CHRONOLOGICAL OPERATIONS**

Date Work Performed: August 28, 2008

SITP: 0 SICP: 0

TIH w/ tbg. Circulate 2' of sand off plug @ 5214'. Release plug. LD 161 jts of 2 7/8" N-80, pkr & plug. U & RIH w/ production tbg as follows. BP & Collar, 2-jts, 2 7/8" nipple, PBGA, 1- jt, SN, 1- jt, TA, 160 jts of 2 7/8" J-55 tbg. ND BOP. Set TA w/ 16,000#'s of tension @ 4997.70', SN @ 5031.45', EOT @ 5130.68'. NU WH. Pumped 60 BW down tbg. PU & RIH w/ rods as follows: "CDI" 2 1/2" X 1 1/2" X 20.5' RHAC (185" Max SL), 6- 1 1/2" wt bars, 20- 3/4" guided rods, 76- 3/4" plain rods, 99- 3/4" guided rods, 1-8', 1-6', 1-2' X 7/8" pony rods, 1 1/2" X 26' Polish rod. Hang head, Space out rods. Fill tbg w/ 3 BW. Pressure test w/ unit to 800 psi, Good. RDMOSU. POP @ 7:00 PM w/ 84" SL @ 5 SPM, 542 BWTR. FINAL REPORT!!!! Transferred 70 bbls of oil to production tank #1.

**FLUID RECOVERY (BBLs)**

Starting fluid load to be recovered: 475 Starting oil rec to date: \_\_\_\_\_  
Fluid lost/recovered today: 67 Oil lost/recovered today: \_\_\_\_\_  
Ending fluid to be recovered: 542 Cum oil recovered: \_\_\_\_\_  
IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

**TUBING DETAIL**

**ROD DETAIL**

**COSTS**

KB 12'	1 1/2" X 26' Polish rod	Western #2 rig	\$5,153
160 2 7/8 J-55 tbg (4985.70')	1-8', 1-6', 1-2' X 7/8" pony rods(A)	Weatherford BOP	\$180
TA 2.80' @ 4997.70' KB	99- 7/8" guided rods (A)	NPC frac valve	\$340
1 2 7/8 J-55 tbg (30.95')	76- 3/4" plain rods	RNI -Clean Flat tank	\$1,500
SN 1.10' @ 5031.45' KB	20- 3/4" guided rods (A)	CDI TA	\$525
1 2 7/8 J-55 tbg (30.21')	6- 1 1/2" wt bars	CDI SN	\$80
PBGA 5.00'	2 1/2" X 1 1/2" X 20.5' RHAC	CDI Rod pump	\$1,450
2 7/8" nipple 0.38'	"CDI" 185" max SL	New guided rods	\$12,558
2 2 7/8 J-55 tbg (61.84')		NPC supervision	\$150
BP&C 0.70'		7- jts of J-55 tbg	\$1,971
EOT @ 5130.68' KB		Heat waves hot oil	\$1,144
		NPC swb tank(1X5dys)	\$200
		Dalbo frc tnk(2X5dys)	\$400

**DAILY COST:** \$25,651

**TOTAL WELL COST:** \$103,895

Completion Supervisor: Orson Barney

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4387'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Perforate 4 JSPF @ 3120'
4. Plug #2 169' plug covering Trona/Mohagany Bench Formation using 34 sx Class "G" Cement pumped under CICR and out perforations. Follow using 15 sx Class "G" cement pumped on top of CICR
5. Perforate 4 JSPF @ 1433'
6. Plug #3 120' plug covering Uinta/Green River formation using 25sx Class "G" cement pumped under CICR and out perforations. Follow using 7 sx Class "G" cement pumped on top of CICR
7. Perforate 4 JSPF @ 278'
8. Plug #4 Circulate 77 sx Class "G" cement down 5 1/2" casing and up the 5-1/2" x 8-5/8" annulus

The approximate cost to plug and abandon this well is \$42,000.

Monument Federal #22-12J-9-16

Spud Date: 7/05/94 (Re-entry)  
 Put on Production: 8/04/94  
 GL: 5503' KB: 5515'

Initial Production: 12 BOPD,  
 NM MCFD, 0 BWPD

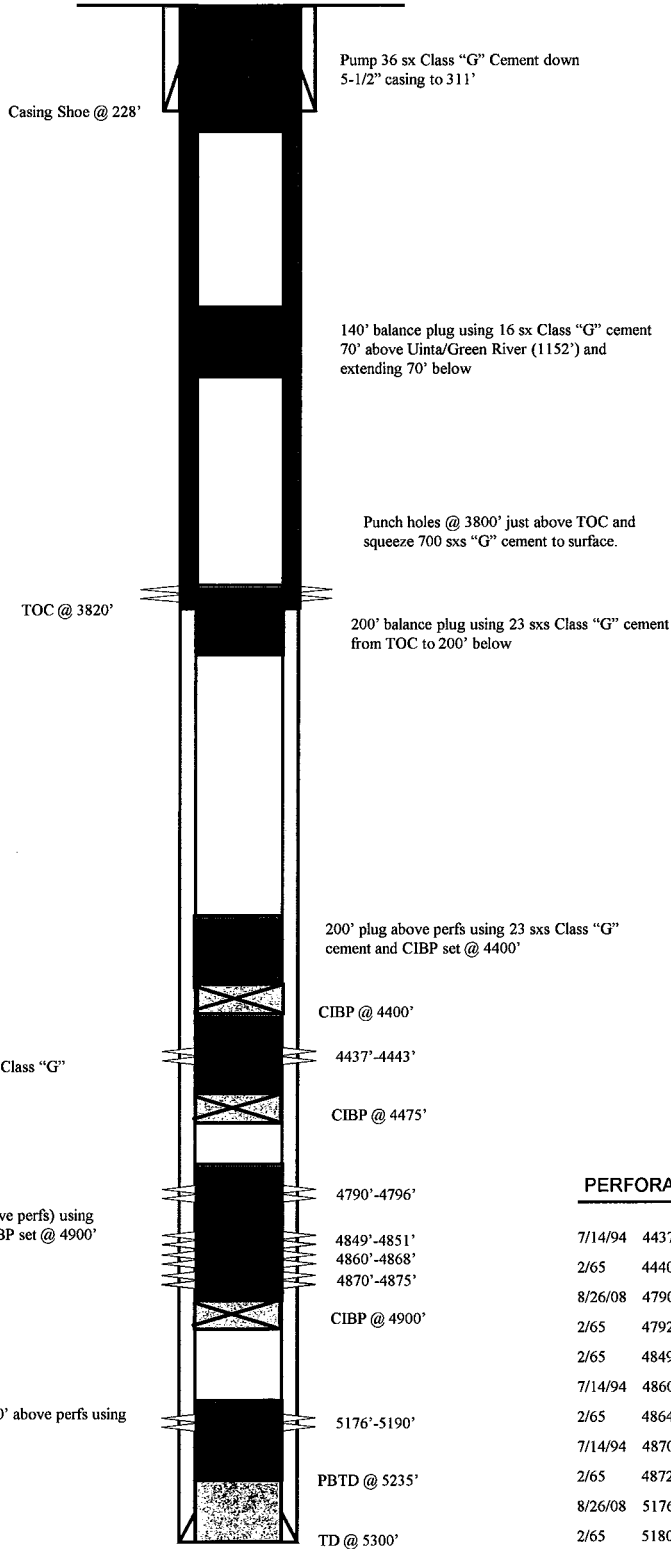
Proposed P&A

**SURFACE CASING**

CSG SIZE: 9-5/8"  
 GRADE:  
 WEIGHT: 32.30#  
 DEPTH LANDED: 228' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 200 sxs cmt

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: K-55  
 WEIGHT: 15.5#  
 DEPTH LANDED: 5294' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 327 sxs cmt  
 CEMENT TOP AT: 3820' per CBL



Pump 36 sx Class "G" Cement down  
 5-1/2" casing to 311'

Casing Shoe @ 228'

140' balance plug using 16 sx Class "G" cement  
 70' above Uinta/Green River (1152') and  
 extending 70' below

Punch holes @ 3800' just above TOC and  
 squeeze 700 sxs "G" cement to surface.

TOC @ 3820'

200' balance plug using 23 sxs Class "G" cement  
 from TOC to 200' below

200' plug above perfs using 23 sxs Class "G"  
 cement and CIBP set @ 4400'

CIBP @ 4400'

4437'-4443'

CIBP @ 4475'

4790'-4796'

4849'-4851'

4860'-4868'

4870'-4875'

CIBP @ 4900'

5176'-5190'

PBTD @ 5235'

TD @ 5300'

75' plug above perfs using 9 sxs Class "G"  
 cement and CIBP set @ 4475'

210' plug above CIBP (100' above perfs) using  
 24 sxs Class "G" cement and CIBP set @ 4900'

165' plug from PBTD to 100' above perfs using  
 19 sxs Class "G" cement

**PERFORATION RECORD**

7/14/94	4437-4443'	4 JSPF	24 holes
2/65	4440'	3 JSPF	3 holes
8/26/08	4790-4796'	4 JSPF	24 holes
2/65	4792'	3 JSPF	3 holes
2/65	4849-4851'	3 JSPF	6 holes
7/14/94	4860-4868'	4 JSPF	32 holes
2/65	4864'	3 JSPF	3 holes
7/14/94	4870-4875'	4 JSPF	20 holes
2/65	4872'	3 JSPF	3 holes
8/26/08	5176-5190'	4 JSPF	56 holes
2/65	5180'	3 JSPF	3 holes



Monument Fed. #22-12j  
 2017' FNL & 2098' FWL  
 SENW Section 12-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-15796; Lease #U-096550

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-392

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 12, 13, 15, 17, 19, 20, 21, 22, 23, 24, AND 25, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17<sup>th</sup> Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

- Monument Federal 22-12J well located in SE/4 NW/4, Section 12, Township 9 South, Range 16 East  
API 43-013-15796
- Federal 5-13-9-16 well located in SW/4 NW/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32658
- Federal 13-15-9-16 well located in SW/4 SW/4, Section 15, Township 9 South, Range 16 East  
API 43-013-33136
- Federal 7-17-9-16 well located in SW/4 NE/4, Section 17, Township 9 South, Range 16 East  
API 43-013-33030
- Federal 1-19-9-16 well located in NE/4 NE/4, Section 19, Township 9 South, Range 16 East  
API 43-013-33062
- Federal 5-19-9-16 well located in SW/4 NW/4, Section 19, Township 9 South, Range 16 East  
API 43-013-33174
- Federal 1-20-9-16 well located in NE/4 NE/4, Section 20, Township 9 South, Range 16 East  
API 43-013-33066
- Federal 3-20-9-16 well located in NE/4 NW/4, Section 20, Township 9 South, Range 16 East  
API 43-013-33067
- Federal 5-20-9-16 well located in SW/4 NW/4, Section 20, Township 9 South, Range 16 East  
API 43-013-33104
- Federal 9-20-9-16 well located in NE/4 SE/4, Section 20, Township 9 South, Range 16 East  
API 43-013-33068
- Federal 9-21-9-16 well located in NE/4 SE/4, Section 21, Township 9 South, Range 16 East  
API 43-013-33145
- Monument Federal 31-21-9-16Y well located in NW/4 NE/4, Section 21, Township 9 South, Range 16 East  
API 43-013-31726
- Federal 1-22-9-16 well located in NE/4 NE/4, Section 22, Township 9 South, Range 16 East  
API 43-013-32612
- Federal 7-22-9-16 well located in SW/4 NE/4, Section 22, Township 9 South, Range 16 East  
API 43-013-33027
- Federal 3-23-9-16 well located in NE/4 NW/4, Section 23, Township 9 South, Range 16 East  
API 43-013-33176

Federal 11-23-9-16 well located in NE/4 SW/4, Section 23, Township 9 South, Range 16 East  
API 43-013-33178  
Federal 15-23-9-16 well located in SW/4 SE/4, Section 23, Township 9 South, Range 16 East  
API 43-013-33182  
Federal 3-24-9-16 well located in NE/4 NW/4, Section 24, Township 9 South, Range 16 East  
API 43-013-33084  
Federal 15-24-9-16 well located in SW/4 SE/4, Section 24, Township 9 South, Range 16 East  
API 43-013-33344  
Federal 21-25Y well located in NE/4 NW/4, Section 25, Township 9 South, Range 16 East  
API 43-013-31394

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 22<sup>nd</sup> day of May, 2012.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING



\_\_\_\_\_  
Brad Hill  
Permitting Manager



**Newfield Production Company**

**MONUMENT FEDERAL 22-12J, FEDERAL 5-13-9-16, FEDERAL 13-15-9-16, FEDERAL 7-17-9-16, FEDERAL 1-19-9-16, FEDERAL 5-19-9-16, FEDERAL 1-20-9-16, FEDERAL 3-20-9-16, FEDERAL 5-20-9-16, FEDERAL 9-20-9-16, FEDERAL 9-21-9-16, MONUMENT FEDERAL 31-21-9-16Y, FEDERAL 1-22-9-16, FEDERAL 7-22-9-16, FEDERAL 3-23-9-16, FEDERAL 11-23-9-16, FEDERAL 15-23-9-16, FEDERAL 3-24-9-16, FEDERAL 15-24-9-16, FEDERAL 21-25Y**

**Cause No. UIC-392**

Publication Notices were sent to the following:

Newfield Production Company  
1001 17th Street, Suite 2000  
Denver, CO 80202

SITLA  
675 E 500 S Ste 500  
Salt Lake City, UT 84102-2818

Uintah Basin Standard  
268 S 200 E  
Roosevelt, UT 84066  
via e-mail [ubs@ubstandard.com](mailto:ubs@ubstandard.com)

Duchesne County Planning  
P O Box 317  
Duchesne, UT 84021-0317

Salt Lake Tribune  
P O Box 45838  
Salt Lake City, UT 84145  
via e-mail [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

Bruce Suchomel  
US EPA Region 8  
MS 8P-W-GW  
1595 Wynkoop Street  
Denver, CO 80202-1129

Vernal Office  
Bureau of Land Management  
170 S 500 E  
Vernal, UT 84078

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

  
\_\_\_\_\_



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*

May 22, 2012

Via e-mail [legals@ubstandard.com](mailto:legals@ubstandard.com)

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-392

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure

**Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-392**

---

**From:** Cindy Kleinfelter <classifieds@ubstandard.com>  
**To:** Jean Sweet <jsweet@utah.gov>  
**Date:** 5/23/2012 3:07 PM  
**Subject:** Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-392

---

On 5/22/2012 2:09 PM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary  
Utah Div. of Oil, Gas & Mining  
1594 West Temple, Suite 1210  
Salt Lake City, UT  
801-538-5329  
[jsweet@utah.gov](mailto:jsweet@utah.gov)

It will be in the May 29 edition.  
Thank you.  
Cindy



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

May 22, 2012

Via e-mail [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

Salt Lake Tribune  
P. O. Box 45838  
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-392

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure

**From:** "Fultz, Mark" <naclegal@mediaoneutah.com>  
**To:** <jsweet@utah.gov>  
**Date:** 5/22/2012 2:32 PM  
**Subject:** Proof for Notice of Agency Action  
**Attachments:** OrderConf.pdf

AD# 794885  
Run SL Trib 5/25/12  
Cost \$331.25  
Please advise of any changes  
Thank You  
Ken

### Order Confirmation for Ad #0000794885-01

<b>Client</b>	DIV OF OIL-GAS & MINING	<b>Payor Customer</b>	DIV OF OIL-GAS & MINING
<b>Client Phone</b>	801-538-5340	<b>Payor Phone</b>	801-538-5340
<b>Account#</b>	[REDACTED]	<b>Payor Account</b>	[REDACTED]
<b>Address</b>	1594 W NORTH TEMP #1210,P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	<b>Payor Address</b>	1594 W NORTH TEMP #1210,P.O. BO SALT LAKE CITY, UT 84114
<b>Fax</b>	801-359-3940	<b>Ordered By</b>	<b>Acct. Exec</b>
<b>EMail</b>	earlenerussell@utah.gov	Jean	kstowe

<b>Total Amount</b>	<b>\$331.25</b>			
<b>Payment Amt</b>	<b>\$0.00</b>			
<b>Amount Due</b>	<b>\$331.25</b>	<b>Tear Sheets</b>	<b>Proofs</b>	<b>Affidavits</b>
		0	0	1
<b>Payment Method</b>		<b>PO Number</b>	Newfield Prod UIC-392	
<b>Confirmation Notes:</b>				
<b>Text:</b>	Jean			

<b>Ad Type</b>	<b>Ad Size</b>	<b>Color</b>
Legal Liner	3.0 X 87 Li	<NONE>

<b>Product</b>	<b>Placement</b>	<b>Position</b>
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
<b>Scheduled Date(s):</b>	05/25/2012	
<b>Product</b>	<b>Placement</b>	<b>Position</b>
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
<b>Scheduled Date(s):</b>	05/25/2012	
<b>Product</b>	<b>Placement</b>	<b>Position</b>
utahlegals.com::	utahlegals.com	utahlegals.com
<b>Scheduled Date(s):</b>	05/25/2012	

### Order Confirmation for Ad #0000794885-01

Ad Content Proof Actual Size

# Order Confirmation for Ad #0000794885-01

Ad Content Proof 135%

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-392

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 12, 13, 15, 17, 19, 20, 21, 22, 23, 24, AND 25, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Monument Federal 22-12J well located in SE/4 NW/4, Section 12, Township 9 South, Range 16 East

API 43-013-15796

Federal 5-13-9-16 well located in SW/4 NW/4, Section 13, Township 9 South, Range 16 East

API 43-013-32658

Federal 13-15-9-16 well located in SW/4 SW/4, Section 15, Township 9 South, Range 16 East

API 43-013-33136

Federal 7-17-9-16 well located in SW/4 NE/4, Section 17, Township 9 South, Range 16 East

API 43-013-33030

Federal 1-19-9-16 well located in NE/4 NE/4, Section 19, Township 9 South, Range 16 East

API 43-013-33062

Federal 5-19-9-16 well located in SW/4 NW/4, Section 19, Township 9 South, Range 16 East

API 43-013-33174

Federal 1-20-9-16 well located in NE/4 NE/4, Section 20, Township 9 South, Range 16 East

API 43-013-33066

Federal 3-20-9-16 well located in NE/4 NW/4, Section 20, Township 9 South, Range 16 East

API 43-013-33067

Federal 5-20-9-16 well located in SW/4 NW/4, Section 20, Township 9 South, Range 16 East

API 43-013-33104

Federal 9-20-9-16 well located in NE/4 SE/4, Section 20, Township 9 South, Range 16 East

API 43-013-33068

Federal 9-21-9-16 well located in NE/4 SE/4, Section 21, Township 9 South, Range 16 East

API 43-013-33145

Monument Federal 31-21-9-16Y well located in NW/4 NE/4, Section 21, Township 9 South, Range 16 East

API 43-013-31726

Federal 1-22-9-16 well located in NE/4 NE/4, Section 22, Township 9 South, Range 16 East

API 43-013-32612

Federal 7-22-9-16 well located in SW/4 NE/4, Section 22, Township 9 South, Range 16 East

API 43-013-33027

Federal 3-23-9-16 well located in NE/4 NW/4, Section 23, Township 9 South, Range 16 East

API 43-013-33176

Federal 11-23-9-16 well located in NE/4 SW/4, Section 23, Township 9 South, Range 16 East

API 43-013-33178

Federal 15-23-9-16 well located in SW/4 SE/4, Section 23, Township 9 South, Range 16 East

API 43-013-33182

Federal 3-24-9-16 well located in NE/4 NW/4, Section 24, Township 9 South, Range 16 East

API 43-013-33084

Federal 15-24-9-16 well located in SW/4 SE/4, Section 24, Township 9 South, Range 16 East

API 43-013-33344

Federal 21-25Y well located in NE/4 NW/4, Section 25, Township 9 South, Range 16 East

API 43-013-31394

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 22nd day of May, 2012.

STATE OF UTAH

DIVISION OF OIL, GAS & MINING

/s/Brad Hill

Permitting Manager

794885

UPAXLP

1770 S. 5600 W.  
 P.O. BOX 704005  
 WEST VALLEY CITY, UTAH 84170  
 FED. TAX I.D.# 87-0217663

The Salt Lake Tribune

MEDIAONE

Deseret News

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	RECEIVED JUN 04 2012 DIV OF OIL-GAS & MINING	ACCOUNT NUMBER	DATE
		9001402352	5/25/2012

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER#
8015385340	0000794885
SCHEDULE	
Start 05/25/2012	End 05/25/2012
CUST. REF. NO.	
Newfield Prod UIC-392	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT	
SIZE	
87 Lines	3.00
TIMES	
3	
MISC. CHARGES	AD

BEFORE THE DIVISION OF OIL, GAS AND MINING  
 DEPARTMENT OF NATURAL RESOURCES  
 STATE OF UTAH  
 NOTICE OF AGENCY ACTION  
 CAUSE NO. UIC-392

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 12, 13, 15, 17, 19, 20, 21, 22, 23, 24, AND 25, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER. Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

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 API 43-013-32658  
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 API 43-013-33062  
 Federal 5-19-9-16 well located in SW/4 NW/4, Section 19, Township 9 South, Range 16 East  
 API 43-013-33174  
 Federal 1-20-9-16 well located in NE/4 NE/4, Section 20, Township 9 South, Range 16 East  
 API 43-013-33066  
 Federal 3-20-9-16 well located in NE/4 NW/4, Section 20, Township 9 South, Range 16 East  
 API 43-013-33067  
 Federal 5-20-9-16 well located in SW/4 NW/4, Section 20, Township 9 South, Range 16 East  
 API 43-013-33104  
 Federal 9-20-9-16 well located in NE/4 SE/4, Section 20, Township 9 South, Range 16 East  
 API 43-013-33068  
 Federal 9-21-9-16 well located in NE/4 SE/4, Section 21, Township 9 South, Range 16 East  
 API 43-013-33145  
 Monument Federal 31-21-9-16Y well located in NW/4 NE/4, Section 21, Township 9 South, Range 16 East  
 API 43-013-31726  
 Federal 1-22-9-16 well located in NE/4 NE/4, Section 22, Township 9 South, Range 16 East  
 API 43-013-32612  
 Federal 7-22-9-16 well located in SW/4 NE/4, Section 22, Township 9 South, Range 16 East  
 API 43-013-33027  
 Federal 3-23-9-16 well located in NE/4 NW/4, Section 23, Township 9 South, Range 16 East  
 API 43-013-33176  
 Federal 11-23-9-16 well located in NE/4 SW/4, Section 23, Township 9 South, Range 16 East  
 API 43-013-33178  
 Federal 15-23-9-16 well located in SW/4 SE/4, Section 23, Township 9 South, Range 16 East  
 API 43-013-33182  
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 API 43-013-33084  
 Federal 15-24-9-16 well located in SW/4 SE/4, Section 24, Township 9 South, Range 16 East  
 API 43-013-33344  
 Federal 21-25Y well located in NE/4 NW/4, Section 25, Township 9 South, Range 16 East  
 API 43-013-31394

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Dated this 22nd day of May, 2012.

STATE OF UTAH  
 DIVISION OF OIL, GAS & MINING  
 1/Brad Hill  
 Permitting Manager  
 794885

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I  
 BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES  
 CAUSE NO. UIC-392 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING  
 COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND ID  
 ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SAL  
 NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON  
 UTAHLEGALS.COM INDEFINITELY.

Start 05/25/2012

End 05/25/2012

PUBLISHED ON

SIGNATURE

*Handwritten signature*

5/25/2012

**VIRGINIA CRAFT**  
 Notary Public, State of Utah  
 Commission # 581469  
 My Commission Expires  
 January 12, 2014

*Handwritten signature: Virginia Craft*

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"  
 PLEASE PAY FROM BILLING STATEMENT



Send Payments to:  
 Uintah Basin Standard  
 268 S 200 E  
 Roosevelt, Utah 84066  
 Phone: 435-722-5131  
 Fax: 435-722-4140



Invoice Number	30968	Invoice Date	5/30/2012
Advertiser No.	2080	Invoice Amount	\$191.45
		Due Date	6/29/2012

DIVISION OF OIL GAS & MINING  
 Rose Nolton  
 1594 W. N.TEMPLE STE 121  
 PO BOX 145801  
 SALT LAKE CITY, UT 84114-5801

1 1/2% fee will be charged to all past due balances.

**Amount Enclosed**

Please detach top portion and return with your payment

**INVOICE**

Uintah Basin Standard		DIVISION OF OIL GAS & MINING			Invoice No. 30968	5/30/2012
Date	Order	Description	Ad Size	SubTotal	Sales Tax	Amount
5/30/2012	15615 UBS	UBS Legal Notice: Not of Agcy Actn: Newfield Cause No. UIC-392 Pub. May 29, 2012				\$191.45
					<b>Sub Total:</b>	<b>\$191.45</b>
<b>Total Transactions: 1</b>					<b>Total:</b>	<b>\$191.45</b>

**SUMMARY**      Advertiser No.    2080                      Invoice No.                30968

1 1/2% fee will be charged to all past due balances.

Thank You for your business!

Thank you for advertising with us, we appreciate your business!



**DIVISION OF OIL, GAS AND MINING  
UNDERGROUND INJECTION CONTROL PROGRAM  
PERMIT  
STATEMENT OF BASIS**

**Applicant:** Newfield Production Company      **Well:** Monument Federal 22-12J-9-16

**Location:** 12/9S/16E      **API:** 43-013-15796

**Ownership Issues:** The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

**Well Integrity:** The proposed well has surface casing set at 228 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,294 feet. A cement bond log demonstrates adequate bond in this well up to about 3,866 feet. A 2 7/8 inch tubing with a packer is proposed at 4,379 feet. A mechanical integrity test will be run on the well prior to injection. (Update 2/25/2014: A hole in the casing was found between 589-598 feet depth. The problem was resolved by using a concentric string packer system. This system has two strings of tubing, one (1.9”) inside the other (2 7/8”). It also has two packers set below the hole in casing so that the 2 7/8” X 1.9” tubing annulus can continuously test below the hole to confirm there is no communication between the injection zones and the hole in casing. Injection is into the 1.9” tubing.) At the time of this revision (7/18/2013), based on surface locations, there are 9 producing wells, 6 injection wells, 1 shut-in well, and 2 P/A wells in the AOR. One of the producing wells is directionally drilled, with a surface location inside the AOR and a bottom hole location outside the AOR. In addition, there are 3 directionally drilled producing wells with surface locations outside the AOR and bottom hole locations inside the AOR. Finally, there is 1 currently drilling directional well from a surface location outside the AOR to a bottom hole location inside the AOR. (See **Revision** 7/18/2013 below). Whereas the majority of existing wells in the AOR demonstrate evidence of adequate cement for the proposed injection interval, there are five wells which are dubious in that respect. The most limiting of these wells is the C&O Govt 1 well (API# 43-013-15111). Its CBL (11/28/1964) indicates a cement top at about 4,886 feet. To protect this wellbore Newfield will not perforate the Monument Federal 22-12J-9-16 well above 4,960 feet.

**Revision** (07/18/2013): In preparation for cement remediation in the C&O Govt #1 well (43-013-15111), Newfield had a new CBL run by The Perforators, LLC on 6/18/2013. It was discovered that cement remediation had been done by a previous operator, but the Utah DOGM was apparently not notified, nor was an updated CBL submitted. The new CBL run for Newfield

**Monument Federal 22-12J-9-16**  
**page 2**

indicates generally good cement up to a depth of 4100 feet and a higher interval of fairly good cement between 2682 and 2814 feet. Newfield recently completed cement remediation in the C&O Govt #2 well (43-013-15112). Subsequently, a new CBL was run by The Perforators, LLC on 7/10/2013. The new CBL indicates generally good cement between 3890 and 4072 feet, as well as between 3114 and 3342 feet. Inasmuch as these two wells were the principal obstacles to granting Newfield's requested injection interval (3,998'-5,634') in the Monument Federal 22-12J well, DOGM is prepared to raise the permitted injection top to 4,430', which includes all existing perforations.

**Ground Water Protection:** As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 1500 feet. The requested injection interval is between 3,998 feet and 5,239 feet in the Green River Formation. (See **Revision 7/18/2013** above). However, as described in the previous paragraph, the top of good cement bond is at about 4,886 feet in the C-O Govt 1 well, located within the AOR, about 0.4 mile southeast of Monument Federal 22-12J-9-16 well. This cement top correlates to a depth of approximately 4,860 feet in the Federal 22-12J-9-16 well. For this reason, it is recommended that the top of the injection interval be permitted no higher than a depth of 4,960 feet in the Federal 22-12J-9-16 well. Information submitted by Newfield indicates that the fracture gradient for the 22-12J-9-16 well is 0.87 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,236 psig. The requested maximum pressure is 2,236 psig. We intend to permit this well at a maximum pressure of 2,000 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the BLM

**Actions Taken and Further Approvals Needed:** A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date: 10/12/2012 (rev. 7/18/13 & 2/25/14)



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

November 26, 2012

Revised January 16, 2014

Newfield Production Company  
1001 Seventeenth Street, Suite 2000  
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Monuement Federal 22-12J, Section 12, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-15796

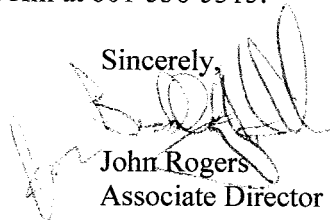
Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. **The top of the injection interval shall be limited to a depth no higher than 4,960-feet. Revised to 4,430 feet in the Monument Federal 22-12J well.**

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,



John Rogers  
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Duchesne County  
Newfield Production Company, Myton  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC





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

November 26, 2012

Newfield Production Company  
1001 Seventeenth Street, Suite 2000  
Denver, CO 80202

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A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

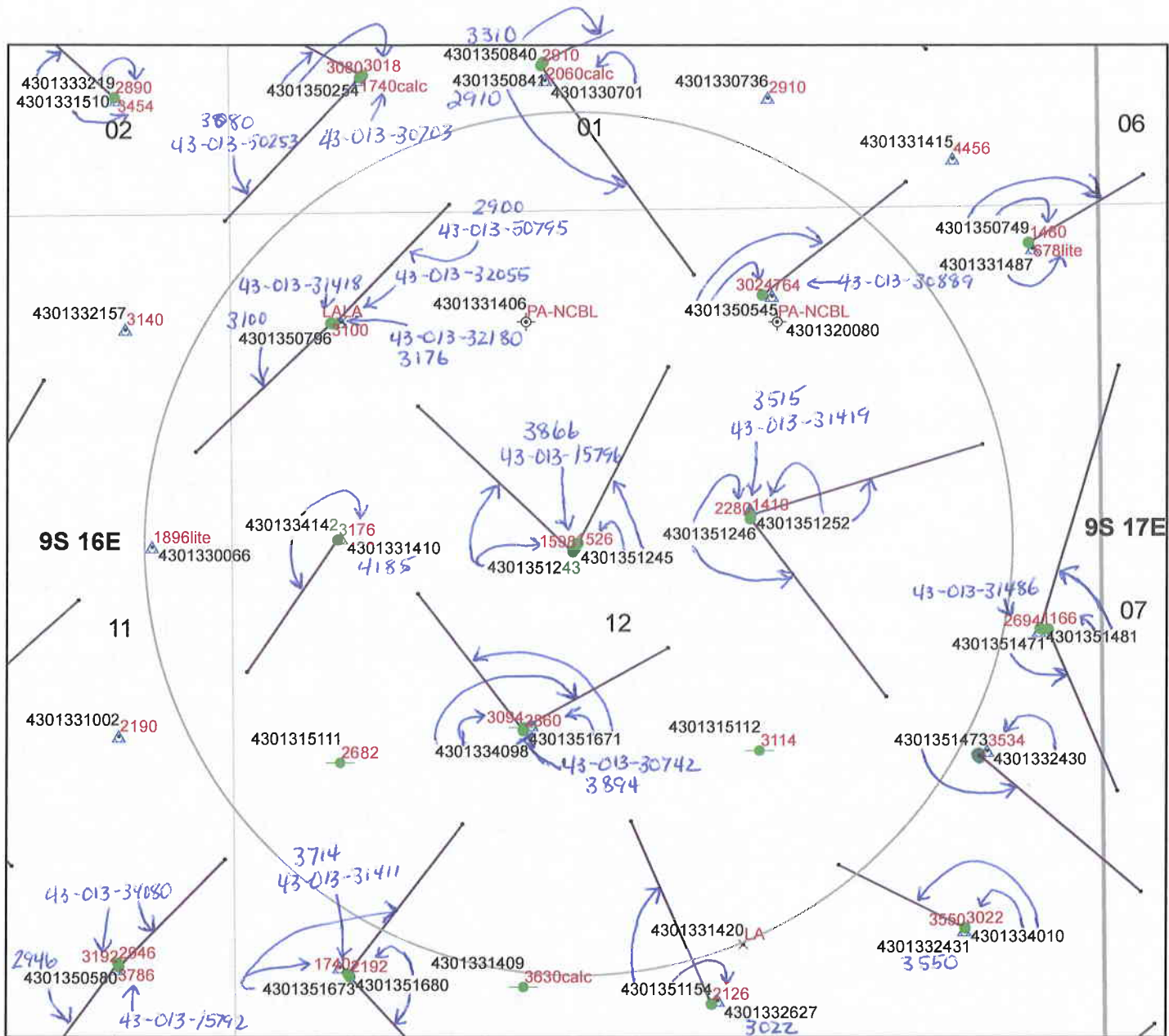
John Rogers  
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Duchesne County  
Newfield Production Company, Myton  
Well File

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**Legend**

**Oil & Gas Well Type**

- APD-Approved Permit
- ⊙ DRL-Spudded (Drilling Commenced)
- ⊗ GIW-Gas Injection Well
- <sub>GS</sub> GSW-Gas Storage Well
- × LA-Location Abandoned
- LOC-New Location Well
- ⊙ OPS-Drilling Operations Suspended
- ⊙ PA-Pugged & Abandoned
- ⊙ PGW-Producing Gas Well
- POW-Producing Oil Well
- ▲ RET-Returned APD
- ⊙ SGW-Shut-in Gas Well
- SOW-Shut-in Oil Well
- ⊗ TA-Temp Abandoned
- TW-Test Well
- ⊗ WDW-Water Disposal Well
- ▲ WIW-Water Injection Well
- WSW-Water Supply Well

- 4585 Depth to top of suitable cement bond
- Well Bottom Hole Location
- Oil & Gas Wells Hole Directional Path  
Wells-CbltopsMaster 1-31-13
- DNR Oil Gas Wells Buffer
- ▭ County Boundaries
- ▭ PLSS Sections
- ▭ PLSS Townships

**Cement Bond Tops  
Monument Federal 22-12J-9-16  
API #43-013-15796  
UIC-392.1**



1870 calc = approximate cement top  
calculated from well completion report





GARY R. HERBERT  
Governor

SPENCER J. COX  
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

## UNDERGROUND INJECTION CONTROL PERMIT

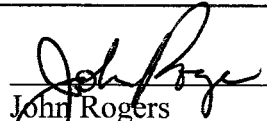
Cause No. UIC-392

**Operator:** Newfield Production Company  
**Well:** Monument Federal 22-12J  
**Location:** Section 12, Township 9 South, Range 16 East  
**County:** Duchesne  
**API No.:** 43-013-15796  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on November 26, 2012 (revised January 16, 2014).
2. Maximum Allowable Injection Pressure: 2,000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,430' – 5,235')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by: \_\_\_\_\_

  
John Rogers  
Associate Director

2/26/2014  
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Jill Loyle, Newfield Production Company, Denver  
Newfield Production Company, Myton  
Duchesne County  
Well File

N:\O&G Reviewed Docs\ChronFile





<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-096550
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: MONUMENT FED 22-12J
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013157960000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2021 FNL 2092 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 12 Township: 09.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE  COUNTY: DUCHESNE  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"/> CHANGE TO PREVIOUS PLANS <input checked="" 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 checked="" 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"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/3/2014			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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

The above reference well was put on injection at 9:00 AM on  
03/03/2014

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**  
  
**Date:** March 11, 2014  
**By:**

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 3/10/2014	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-096550
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: MONUMENT FED 22-12J
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013157960000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
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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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/29/2014  <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 checked="" 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 checked="" 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.

The subject well has been converted from a producing oil well to an injection well on 01/29/2014. On 01/28/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 01/29/2014 the casing was pressured up to 1110 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 350 psig during the test. There was not a State representative available to witness the test.

To resolve hole in casing (HIC) we used a concentric string packer system. This system has two strings of tubing, one (1.9") inside the other (2-7/8"). It also has two packers set below the HIC so that the 2-7/8" x 1.9" tubing annulus can continuously test below the HIC to confirm there is no communication between our injection zones and the HIC. We inject into the 1.9" tubing.

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

**Date:** February 20, 2014

**By:**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 2/18/2014

Sundry Number: 47954 API Well Number: 43013157960000

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company  
Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: \_\_\_\_\_ Date 1/29/14 Time 1:00 am  pm

Test Conducted by: EVERETT UNRUH

Others Present: \_\_\_\_\_

Well: <u>MONUMENT FEDERAL 22-125-9-14</u>	Field: <u>MONUMENT BUTTE</u>
Well Location: <u>SE NW Sec 12 T9S R16E</u> <u>Duchesne County, UT</u>	API No: <u>43-013-15794</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1110</u>	psig
5	<u>1110</u>	psig
10	<u>1110</u>	psig
15	<u>1110</u>	psig
20	<u>1110</u>	psig
25	<u>1110</u>	psig
30 min	<u>1110</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 350 psig

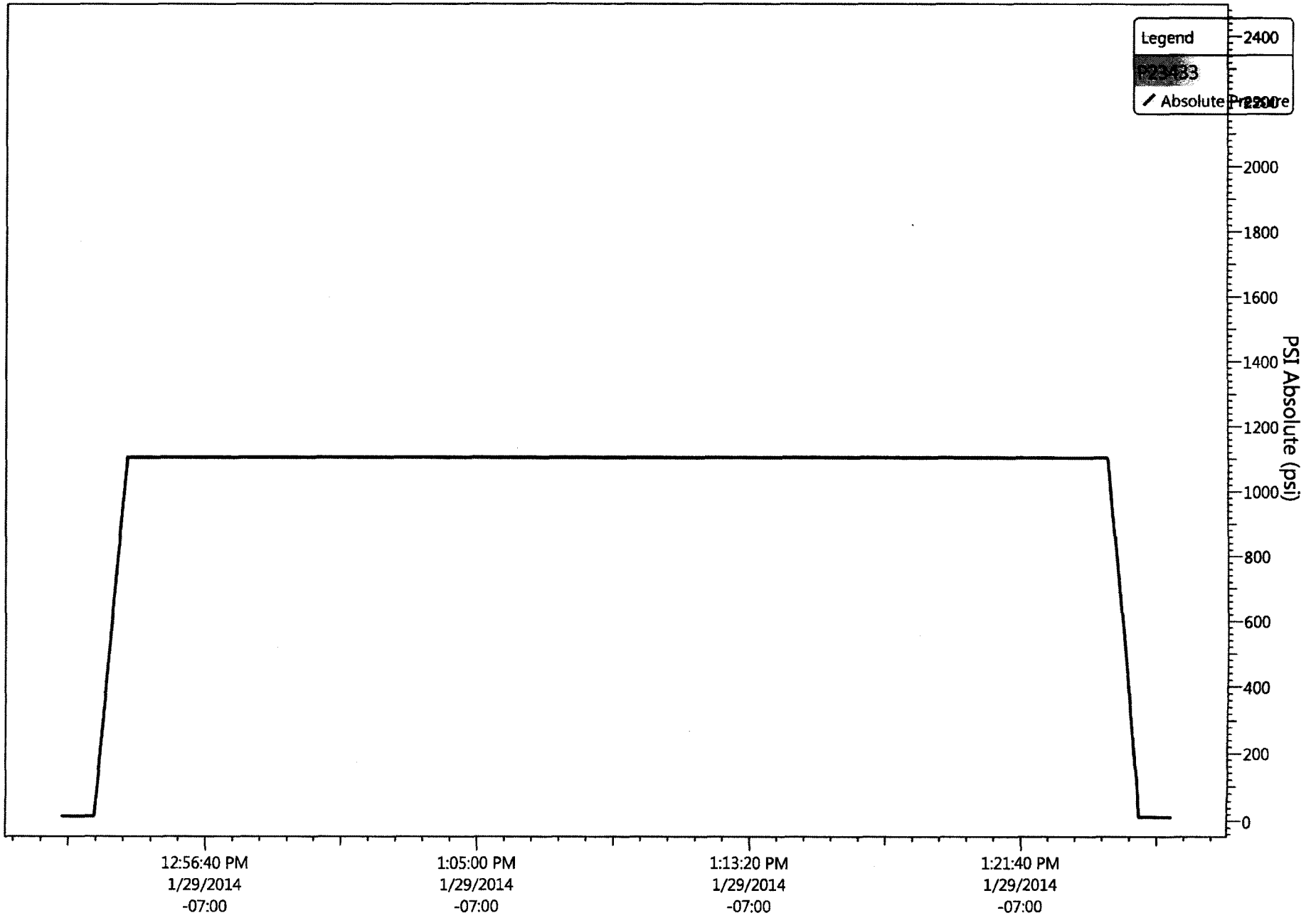
Result:  Pass  Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: Everett Unruh

MONument Federal 22-12j-9-16 (MIT 1-29-2014)

1/29/2014 12:51:46 PM



Sundry Number : 47954 API Well Number : 43013157960000

## Daily Activity Report

Format For Sundry

MON 22-12J-9-16

8/1/2013 To 12/30/2013

9/11/2013 Day: 3

Conversion

Wildcat #2 on 9/11/2013 - Set packer, test casing. - 5:30AM TO 7:00AM CREW TRAVEL  
7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 11:30AM ND WH RELEASED TAC NU  
BOPS RD RIG FLOOR WAITED ON RUNNERS W/ TBG TELL 11:30AM 11:30AM TO 12:00PM PU  
4 JTS TBG TAGGED FILL 60' OF FILL 12:00PM TO 4:00PM TOO 128 JTS OF TBG BREAKING  
EVERY CONNECTION TOP AND BOTTOM AND RE-DOPING W/ LIQUID O-RING GREEN DOPE  
SIWFN 4:00PM TO 5:30PM CREW TRAVEL - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO  
7:15AM JSA SAFETY MEETING 7:15AM TO 11:30AM ND WH RELEASED TAC NU BOPS RD RIG  
FLOOR WAITED ON RUNNERS W/ TBG TELL 11:30AM 11:30AM TO 12:00PM PU 4 JTS TBG  
TAGGED FILL 60' OF FILL 12:00PM TO 4:00PM TOO 128 JTS OF TBG BREAKING EVERY  
CONNECTION TOP AND BOTTOM AND RE-DOPING W/ LIQUID O-RING GREEN DOPE SIWFN  
4:00PM TO 5:30PM CREW TRAVEL - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM  
JSA SAFETY MEETING 7:15AM TO 11:30AM ND WH RELEASED TAC NU BOPS RD RIG FLOOR  
WAITED ON RUNNERS W/ TBG TELL 11:30AM 11:30AM TO 12:00PM PU 4 JTS TBG TAGGED  
FILL 60' OF FILL 12:00PM TO 4:00PM TOO 128 JTS OF TBG BREAKING EVERY CONNECTION  
TOP AND BOTTOM AND RE-DOPING W/ LIQUID O-RING GREEN DOPE SIWFN 4:00PM TO  
5:30PM CREW TRAVEL - 5:30AM TO 7:00AM CREW TRAVEL 7:00 TO 7:15AM JSA CREW  
SAFETY MEETING 7:15AM TO 8:00AM TOO 4 JTS TBG 8:00AM TO 9:30AM SHUT DOWN DUE  
TO TONG BREAKAGE BROUGHT NEW TONGS OUT 9:30AM TO 11:30AM TOO 9 JTS TALLIED  
LD 23 JTS TBG ON TRAILER 11:30AM TO 2:30PM PU PKR INJECTION ASSEMBLY TIH 141 JTS  
TBG 2:30PM TO 4:30PM PUMPED 10 BBLS DROPPED STANDING VALVE PT TBG TO 3K PSI  
HELD 100% FOR 30 MIN GOOD TEST 4:30PM TO 5:00PM RIH W/ SL RETRIEVED STANDING  
VALVE RD RIG FLOOR ND BOPS NU INJECTION WH 5:00PM TO 6:00PM CIRCULATED 50 BBLS  
OF PKR FLUIDSET PKR W/ CE @4367.95 LOADED CSG PT TO 1400PSI PRESSURE KEPT  
BLEEDING OFF PUT 1400PSI SIWFN 6:00PM TO 7:30PM CREW TRAVEL - 5:30AM TO 7:00AM  
CREW TRAVEL 7:00 TO 7:15AM JSA CREW SAFETY MEETING 7:15AM TO 8:00AM TOO 4 JTS  
TBG 8:00AM TO 9:30AM SHUT DOWN DUE TO TONG BREAKAGE BROUGHT NEW TONGS OUT  
9:30AM TO 11:30AM TOO 9 JTS TALLIED LD 23 JTS TBG ON TRAILER 11:30AM TO 2:30PM  
PU PKR INJECTION ASSEMBLY TIH 141 JTS TBG 2:30PM TO 4:30PM PUMPED 10 BBLS  
DROPPED STANDING VALVE PT TBG TO 3K PSI HELD 100% FOR 30 MIN GOOD TEST 4:30PM  
TO 5:00PM RIH W/ SL RETRIEVED STANDING VALVE RD RIG FLOOR ND BOPS NU INJECTION  
WH 5:00PM TO 6:00PM CIRCULATED 50 BBLS OF PKR FLUIDSET PKR W/ CE @4367.95  
LOADED CSG PT TO 1400PSI PRESSURE KEPT BLEEDING OFF PUT 1400PSI SIWFN 6:00PM TO  
7:30PM CREW TRAVEL - 5:30AM TO 7:00AM CREW TRAVEL 7:00 TO 7:15AM JSA CREW  
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CREW TRAVEL 7:00 TO 7:15AM JSA CREW SAFETY MEETING 7:15AM TO 9:30AM PT CSG TO  
1400PSI COULDN'T GET A GOOD TEST 9:30AM TO 1:00PM TOO 40 JTS SET PKR @ 3106'  
TESTED CSG NO TEST TOO 40 JTS TBG SET PKR @ 1870' TOO 40 JTS STE PKR@ 673' NO  
TEST TOO 6 JTS SET PKR@ 479' TOO 14 JTS 1:00PM TO 6:00PM RIH W/ NEW PKR TIH 20  
JTS TBG SET PKR@673' NO TEST TOO 6 JTS TBG SET PKR@479' NO TEST TOO 14 JTS TBG  
LD ON/OFF TOOL RIH W/ JUST PKR 20 JTS TBG SET PKR@671' NO TEST DOUBLE CHECKED  
CSG VALVES AND WH BOWL FOR LEAKS 6:00PM TO 7:00PM TOO 20 JTS TBG SIWFN

7:00PM TO 8:30PM CREW TRAVEL - 5:30AM TO 7:00AM CREW TRAVEL 7:00 TO 7:15AM JSA  
CREW SAFETY MEETING 7:15AM TO 9:30AM PT CSG TO 1400PSI COULDN'T GET A GOOD  
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TEST DOUBLE CHECKED CSG VALVES AND WH BOWL FOR LEAKS 6:00PM TO 7:00PM TOO  
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BOPS RD RIG FLOOR WAITED ON RUNNERS W/ TBG TELL 11:30AM 11:30AM TO 12:00PM PU  
4 JTS TBG TAGGED FILL 60' OF FILL 12:00PM TO 4:00PM TOO 128 JTS OF TBG BREAKING  
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BLEEDING OFF PUT 1400PSI SIWFN 6:00PM TO 7:30PM CREW TRAVEL - 5:30AM TO 7:00AM

PKR TO 589'-598' DUG OUT TO SURFACE CSG VALVE 1:00PM TO 2:00PM TOOH PU R/HEAD RIH RETRIEVED RBP TIH 139 JTS TO 4358' SET RBP 3:00PM TO 5:00PM TOOH 139 JTS TBG TIH PKR, 20 JTS TBG 5:00PM TO 7:00PM SET PKR @1305' PT CSG BETWEEN PKR AND PLUG 1500PSI HELD FOR 20 MIN TOOH 20 JTS TBG LD PKR SIWFN 7:00PM TO 8:30PM CREW TRAVEL - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFTEY MEETING 7:15AM TO 1:00PM CHASED HOLE W/ PLUG AND PKR TO 589'-598' DUG OUT TO SURFACE CSG VALVE 1:00PM TO 2:00PM TOOH PU R/HEAD RIH RETRIEVED RBP TIH 139 JTS TO 4358' SET RBP 3:00PM TO 5:00PM TOOH 139 JTS TBG TIH PKR, 20 JTS TBG 5:00PM TO 7:00PM SET PKR @1305' PT CSG BETWEEN PKR AND PLUG 1500PSI HELD FOR 20 MIN TOOH 20 JTS TBG LD PKR SIWFN 7:00PM TO 8:30PM CREW TRAVEL

**Daily Cost:** \$0

**Cumulative Cost:** \$40,509

**9/13/2013 Day: 5**

**Conversion**

Wildcat #2 on 9/13/2013 - PU retrieving head TIH 141 jts tbg, retrieved RBP. - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFTEY MEETING 7:15AM TO 10:00AM PU RETRIEVING HEAD TIH 141 JTS TBG RETRIEVED RBP 10:00AM TO 12:00PM TOOH 141 JTS TBG LD RBP AND R/HEAD 12:00PM TO 4:00PM TIH 1-NC, 1-PSN, 141 JTS TBG RU RIG FLOOR ND BOPS NU 3K INJECTION WH RD RIG PRE-TRIP INSPECTION SIWFN - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFTEY MEETING 7:15AM TO 10:00AM PU RETRIEVING HEAD TIH 141 JTS TBG RETRIEVED RBP 10:00AM TO 12:00PM TOOH 141 JTS TBG LD RBP AND R/HEAD 12:00PM TO 4:00PM TIH 1-NC, 1-PSN, 141 JTS TBG RU RIG FLOOR ND BOPS NU 3K INJECTION WH RD RIG PRE-TRIP INSPECTION SIWFN - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFTEY MEETING 7:15AM TO 10:00AM PU RETRIEVING HEAD TIH 141 JTS TBG RETRIEVED RBP 10:00AM TO 12:00PM TOOH 141 JTS TBG LD RBP AND R/HEAD 12:00PM TO 4:00PM TIH 1-NC, 1-PSN, 141 JTS TBG RU RIG FLOOR ND BOPS NU 3K INJECTION WH RD RIG PRE-TRIP INSPECTION SIWFN - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFTEY MEETING 7:15AM TO 10:00AM PU RETRIEVING HEAD TIH 141 JTS TBG RETRIEVED RBP 10:00AM TO 12:00PM TOOH 141 JTS TBG LD RBP AND R/HEAD 12:00PM TO 4:00PM TIH 1-NC, 1-PSN, 141 JTS TBG RU RIG FLOOR ND BOPS NU 3K INJECTION WH RD RIG PRE-TRIP INSPECTION SIWFN **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$44,524

**10/11/2013 Day: 8**

**Conversion**

WWS #3 on 10/11/2013 - Pressure test casing several times, no test. - 6:00-7:00 Crew travel & safety mtg ( PU 1.9 tbg) 7:00 RU floor & Tbg works X-over tbg Equip to 1.9, Pu & Tih W/tbg as follows 1.9 stinger & 20 jts 1.9 3- 2' x 1.9 pup Jts 1 Jt 1.9, land tbg W/ x-over and tbg hanger ND floor & BOPS press test Csg to 1500 psi lost 400 psi in 73 sec. unsting stinger from PBR add 2'X 1.9 pup Jt re-sting into PBR press up csg to 1500psi lost 400psi in 73 sec, Ld 1 Jt pump 20 bbls @ 250 PU 1 JT re- sting into PBR press test Csg to 1500 psi lost same, NU BOPs, RU floor and tbg Equip, TOOH W/ 1.9 tbg insp stinger, stinger looked good, drop 2 3/8 SV press upto 1500 psi lost 800 psi in 7 min press up to 1500 slowly geting better each time press well up to 1500 chk in AM swifn @ 6:00 6:00-7:00 crew travel - 6:00-7:00 Crew travel & safety mtg ( PU 1.9 tbg) 7:00 RU floor & Tbg works X-over tbg Equip to 1.9, Pu & Tih W/tbg as follows 1.9 stinger & 20 jts 1.9 3- 2' x 1.9 pup Jts 1 Jt 1.9, land tbg W/ x-over and tbg hanger ND floor & BOPS press test Csg to 1500 psi lost 400 psi in 73 sec. unsting stinger from PBR add 2'X 1.9 pup Jt re-sting into PBR press up csg to 1500psi lost 400psi in 73 sec, Ld 1 Jt pump 20 bbls @ 250 PU 1 JT re- sting into PBR press test Csg to 1500 psi lost same, NU BOPs, RU floor and tbg Equip, TOOH W/ 1.9 tbg insp stinger, stinger looked good, drop 2 3/8 SV press upto 1500 psi lost 800 psi in 7 min press up to 1500 slowly geting better each time press well up to 1500 chk in AM swifn @ 6:00 6:00-7:00 crew travel - 6:00-7:00 Crew travel

& safety mtg ( PU 1.9 tbg) 7:00 RU floor & Tbg works X-over tbg Equip to 1.9, Pu & Tih W/tbg as follows 1.9 stinger & 20 jts 1.9 3- 2' x 1.9 pup Jts 1 Jt 1.9, land tbg W/ x-over and tbg hanger ND floor & BOPS press test Csg to 1500 psi lost 400 psi in 73 sec. unsting stinger from PBR add 2'X 1.9 pup Jt re-sting into PBR press up csg to 1500psi lost 400psi in 73 sec, Ld 1 Jt pump 20 bbls @ 250 PU 1 JT re- sting into PBR press test Csg to 1500 psi lost same, NU BOPs, RU floor and tbg Equip, TOO H W/ 1.9 tbg insp stinger, stinger looked good, drop 2 3/8 SV press upto 1500 psi lost 800 psi in 7 min press up to 1500 slowly geting better each time press well up to 1500 chk in AM swifn @ 6:00 6:00-7:00 crew travel - 5:30-7:00 Crew travel & sarety Mtg (X-over well heads) LOAM from Ute Tribal 5-11-4-1E to mon 22-12J-9-16 (34 miles) MIRU ND well head X- over bolts in BOPs to 3k studs Nu BOPs RU floor & TBG works flush TBG W/ 40 BBLS 1:00 TOO H talleying 141 jts flush w/ 20 BBLS half way out of hole 3:00- 5:00 down for rig repairs 5:00- 6:00 crew travel - 5:30-7:00 Crew travel & sarety Mtg (X-over well heads) LOAM from Ute Tribal 5-11-4-1E to mon 22-12J-9-16 (34 miles) MIRU ND well head X- over bolts in BOPs to 3k studs Nu BOPs RU floor & TBG works flush TBG W/ 40 BBLS 1:00 TOO H talleying 141 jts flush w/ 20 BBLS half way out of hole 3:00- 5:00 down for rig repairs 5:00- 6:00 crew travel - 5:30-7:00 Crew travel & sarety Mtg (X-over well heads) LOAM from Ute Tribal 5-11-4-1E to mon 22-12J-9-16 (34 miles) MIRU ND well head X- over bolts in BOPs to 3k studs Nu BOPs RU floor & TBG works flush TBG W/ 40 BBLS 1:00 TOO H talleying 141 jts flush w/ 20 BBLS half way out of hole 3:00- 5:00 down for rig repairs 5:00- 6:00 crew travel - 6:00-7:00 Crew travel & safety mtg (X-over well heads) 7:00 bleed down well ND BOPs X-over well head change BOP bolts to 5K bolts NU BOPs RU floor & TBG works 12:00 PU & TIH w/ TBG & BHA as follows wire line Re-Entry guide AS1 pkr X-over 2 3/8 psn X-over 126 jts 2 7/8 J-55 pump 10 BBL pad drop SV press TBG to 3000 PSI W/ 30 BBls get good test @ 3:30 fish SV cont TIH as follows PBR, 6 x2 7/8 PERF SUB, 2 7/8 PSN, 1 JT, HPR, 19 JTS 2 7/8 J-55, 1- 2 7/8" X 10' N-80 PUP JT, 1-JT 2 7/8 J-55, land TBG W/ TBG hanger, ND BOPs pump 80 BBLS fresh water & PKR fluid set AS1 PKR W/ 15000 tenson, NU 2nd well head drop 2 7/8 SV, set HRP W/ 3000 PSI hold for 15 min fish SV, change 5K studs to 3K studs on BOPs nu BOPS SWIFN @ 6:30 6:30- 7:30 crew travel. HPR CE @ 670.55, 2 7/8 PSN@ 706.50, PBR TOP@713.64, 2 3/8 PSN @4632.75, AS1 PKR CE@4637.65, EOT@4641.75 - 6:00-7:00 Crew travel & safety mtg (X-over well heads) 7:00 bleed down well ND BOPs X-over well head change BOP bolts to 5K bolts NU BOPs RU floor & TBG works 12:00 PU & TIH w/ TBG & BHA as follows wire line Re-Entry guide AS1 pkr X-over 2 3/8 psn X-over 126 jts 2 7/8 J-55 pump 10 BBL pad drop SV press TBG to 3000 PSI W/ 30 BBls get good test @ 3:30 fish SV cont TIH as follows PBR, 6 x2 7/8 PERF SUB, 2 7/8 PSN, 1 JT, HPR, 19 JTS 2 7/8 J-55, 1- 2 7/8" X 10' N-80 PUP JT, 1-JT 2 7/8 J-55, land TBG W/ TBG hanger, ND BOPs pump 80 BBLS fresh water & PKR fluid set AS1 PKR W/ 15000 tenson, NU 2nd well head drop 2 7/8 SV, set HRP W/ 3000 PSI hold for 15 min fish SV, change 5K studs to 3K studs on BOPs nu BOPS SWIFN @ 6:30 6:30- 7:30 crew travel. HPR CE @ 670.55, 2 7/8 PSN@ 706.50, PBR TOP@713.64, 2 3/8 PSN @4632.75, AS1 PKR CE@4637.65, EOT@4641.75 - 6:00-7:00 Crew travel & safety mtg (X-over well heads) 7:00 bleed down well ND BOPs X-over well head change BOP bolts to 5K bolts NU BOPs RU floor & TBG works 12:00 PU & TIH w/ TBG & BHA as follows wire line Re-Entry guide AS1 pkr X-over 2 3/8 psn X-over 126 jts 2 7/8 J-55 pump 10 BBL pad drop SV press TBG to 3000 PSI W/ 30 BBls get good test @ 3:30 fish SV cont TIH as follows PBR, 6 x2 7/8 PERF SUB, 2 7/8 PSN, 1 JT, HPR, 19 JTS 2 7/8 J-55, 1- 2 7/8" X 10' N-80 PUP JT, 1-JT 2 7/8 J-55, land TBG W/ TBG hanger, ND BOPs pump 80 BBLS fresh water & PKR fluid set AS1 PKR W/ 15000 tenson, NU 2nd well head drop 2 7/8 SV, set HRP W/ 3000 PSI hold for 15 min fish SV, change 5K studs to 3K studs on BOPs nu BOPS SWIFN @ 6:30 6:30- 7:30 crew travel. HPR CE @ 670.55, 2 7/8 PSN@ 706.50, PBR TOP@713.64, 2 3/8 PSN @4632.75, AS1 PKR CE@4637.65, EOT@4641.75 - 6:00-7:00 Crew travel & safety mtg ( PU 1.9 tbg) 7:00 RU floor & Tbg works X-over tbg Equip to 1.9, Pu & Tih W/tbg as follows 1.9 stinger & 20 jts 1.9 3- 2' x 1.9 pup Jts 1 Jt 1.9, land tbg W/ x-over and tbg hanger ND floor & BOPS press test Csg to 1500 psi lost 400 psi in 73 sec. unsting stinger from PBR add 2'X 1.9 pup Jt re-sting into PBR press up csg to 1500psi lost 400psi in 73 sec, Ld 1 Jt pump 20 bbls @ 250 PU 1 JT re- sting into PBR press test Csg to 1500 psi lost same, NU BOPs, RU floor and tbg Equip, TOO H W/ 1.9 tbg insp stinger, stinger looked good, drop 2 3/8 SV press upto 1500 psi lost 800 psi in 7 min press up to 1500 slowly geting better each time press well up to 1500 chk in AM swifn @ 6:00



141 jts flush w/ 20 BBLS half way out of hole 3:00- 5:00 down for rig repairs 5:00- 6:00 crew travel - 5:30-7:00 Crew travel & safety Mtg (X-over well heads) LOAM from Ute Tribal 5-11-4-1E to mon 22-12J-9-16 (34 miles) MIRU ND well head X- over bolts in BOPs to 3k studs Nu BOPs RU floor & TBG works flush TBG W/ 40 BBLS 1:00 TOOH tallying 141 jts flush w/ 20 BBLS half way out of hole 3:00- 5:00 down for rig repairs 5:00- 6:00 crew travel - 5:30-7:00 Crew travel & safety Mtg (X-over well heads) LOAM from Ute Tribal 5-11-4-1E to mon 22-12J-9-16 (34 miles) MIRU ND well head X- over bolts in BOPs to 3k studs Nu BOPs RU floor & TBG works flush TBG W/ 40 BBLS 1:00 TOOH tallying 141 jts flush w/ 20 BBLS half way out of hole 3:00- 5:00 down for rig repairs 5:00- 6:00 crew travel - 6:00-7:00 Crew travel & safety mtg (X-over well heads) 7:00 bleed down well ND BOPs X-over well head change BOP bolts to 5K bolts NU BOPs RU floor & TBG works 12:00 PU & TIH w/ TBG & BHA as follows wire line Re-Entry guide AS1 pkr X-over 2 3/8 psn X-over 126 jts 2 7/8 J-55 pump 10 BBL pad drop SV press TBG to 3000 PSI W/ 30 BBls get good test @ 3:30 fish SV cont TIH as follows PBR, 6 x 2 7/8 PERF SUB, 2 7/8 PSN, 1 JT, HPR, 19 JTS 2 7/8 J-55, 1- 2 7/8" X 10' N-80 PUP JT, 1-JT 2 7/8 J-55, land TBG W/ TBG hanger, ND BOPs pump 80 BBLS fresh water & PKR fluid set AS1 PKR W/ 15000 tenson, NU 2nd well head drop 2 7/8 SV, set HRP W/ 3000 PSI hold for 15 min fish SV, change 5K studs to 3K studs on BOPs nu BOPS SWIFN @ 6:30 6:30- 7:30 crew travel. HPR CE @ 670.55, 2 7/8 PSN@ 706.50, PBR TOP@713.64, 2 3/8 PSN @4632.75, AS1 PKR CE@4637.65, EOT@4641.75 **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$66,519

**10/14/2013 Day: 9**

**Conversion**

WWS #3 on 10/14/2013 - Reset packer, test casing. No test. - 6:00- 7:00 CREW TRAVEL & SAFETY MTG (FISHING SV) 7:00 CHK PRESS ON WELL DEAD, RU SL FISH SV, RD FLOOR & TBG WORKS ND BOPS, ND 2ND WELL HEAD, X-OVER PIPE RAMS AND TBG EQUIP TO 2 7/8 &BOP BOLTS TO 3K,SHEER HPR RELEASE AS-1 PKR TOOHD LD HRP PBR &AS-1 PKR, FLUSH W/ 30 BBLS ON TOOHD, 1:00 PU & TIH W/ RBP ON OFF TOOL & 150 JTS SET RBP @ 4690' PUH TO 4597' PRESS UP CSG TO 1500 PSI LOST 400 PSI IN 73 SECONDS, TOOHD LD ON OFF TOOL PU & TIH W/PKR & 22 JTS SET PKR @720 PRESS UP CSG TO 1500PSI NO TEST CONT TIH W/32 JTS SET PKR @ 1045 NO TEST CONT TIH W/42 JTS SET PKR@ 1360 NO TEST, CONT TIH W/ 52 JTS SET PKR @ 1677 NO TEST SWIFN @ 6:00 6:00-7:00 CREW TRAVEL - 6:00- 7:00 CREW TRAVEL & SAFETY MTG (FISHING SV) 7:00 CHK PRESS ON WELL DEAD, RU SL FISH SV, RD FLOOR & TBG WORKS ND BOPS, ND 2ND WELL HEAD, X-OVER PIPE RAMS AND TBG EQUIP TO 2 7/8 &BOP BOLTS TO 3K,SHEER HPR RELEASE AS-1 PKR TOOHD LD HRP PBR &AS-1 PKR, FLUSH W/ 30 BBLS ON TOOHD, 1:00 PU & TIH W/ RBP ON OFF TOOL & 150 JTS SET RBP @ 4690' PUH TO 4597' PRESS UP CSG TO 1500 PSI LOST 400 PSI IN 73 SECONDS, TOOHD LD ON OFF TOOL PU & TIH W/PKR & 22 JTS SET PKR @720 PRESS UP CSG TO 1500PSI NO TEST CONT TIH W/32 JTS SET PKR @ 1045 NO TEST CONT TIH W/42 JTS SET PKR@ 1360 NO TEST, CONT TIH W/ 52 JTS SET PKR @ 1677 NO TEST SWIFN @ 6:00 6:00-7:00 CREW TRAVEL - 6:00- 7:00 CREW TRAVEL & SAFETY MTG (FISHING SV) 7:00 CHK PRESS ON WELL DEAD, RU SL FISH SV, RD FLOOR & TBG WORKS ND BOPS, ND 2ND WELL HEAD, X-OVER PIPE RAMS AND TBG EQUIP TO 2 7/8 &BOP BOLTS TO 3K,SHEER HPR RELEASE AS-1 PKR TOOHD LD HRP PBR &AS-1 PKR, FLUSH W/ 30 BBLS ON TOOHD, 1:00 PU & TIH W/ RBP ON OFF TOOL & 150 JTS SET RBP @ 4690' PUH TO 4597' PRESS UP CSG TO 1500 PSI LOST 400 PSI IN 73 SECONDS, TOOHD LD ON OFF TOOL PU & TIH W/PKR & 22 JTS SET PKR @720 PRESS UP CSG TO 1500PSI NO TEST CONT TIH W/32 JTS SET PKR @ 1045 NO TEST CONT TIH W/42 JTS SET PKR@ 1360 NO TEST, CONT TIH W/ 52 JTS SET PKR @ 1677 NO TEST SWIFN @ 6:00 6:00-7:00 CREW TRAVEL - 6:00- 7:00 CREW TRAVEL & SAFETY MTG (FISHING SV) 7:00 CHK PRESS ON WELL DEAD, RU SL FISH SV, RD FLOOR & TBG WORKS ND BOPS, ND 2ND WELL HEAD, X-OVER PIPE RAMS AND TBG EQUIP TO 2 7/8 &BOP BOLTS TO 3K,SHEER HPR RELEASE AS-1 PKR TOOHD LD HRP PBR &AS-1 PKR, FLUSH W/ 30 BBLS ON TOOHD, 1:00 PU & TIH W/ RBP ON OFF TOOL & 150 JTS SET RBP @ 4690' PUH TO 4597' PRESS UP CSG TO 1500 PSI LOST 400 PSI IN 73 SECONDS, TOOHD LD ON OFF TOOL PU & TIH W/PKR & 22 JTS SET

PKR @720 PRESS UP CSG TO 1500PSI NO TEST CONT TIH W/32 JTS SET PKR @ 1045 NO TEST CONT TIH W/42 JTS SET PKR@ 1360 NO TEST, CONT TIH W/ 52 JTS SET PKR @ 1677 NO TEST SWIFN @ 6:00 6:00-7:00 CREW TRAVEL **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$74,444

**10/15/2013 Day: 10**

**Conversion**

WWS #3 on 10/15/2013 - TIH w/ packer, test csg. No test. - 6:00-7:00 CREW TRAVEL & SAFETY MTG (PRESS TESTING W/HOT OILER) 7:00 W/ RBP @4690, CONT TIH W/ PKR TO 2288 NO TEST, CONT TIH W/PKR TO 3830 NO TEST, CONT TIH W/ PKR TO 4636 GOOD TEST, PUH TO 4440 PRESS TEST WELL, WELL STARTED TO CERC, PUH TO4 4419 PRESS TEST DOW CSG TO 1500 PSI LOST 200 PSI IN 20 MIN, FOUND UNDOCUMENTED PERFS @4437-4443, PUH W/ PKR TO 562 PRESS TEST DOWN CSG TO 1500 LOST 80 PSI IN 20 MIN, TIH TO 625 PRESS TEST TO 1500 LOST 200 PSI IN 2 MIN, TOOHD LD PKR, 2:30 TIH W/ RETRIEVING HEAD TO 4690 RELEASE RBP, PUH TO 4385 SET RBP TOOHD LD RETRIEVING HEAD, PU & TIH W/ PKR SET PKR @ 656 PRESS TEST DOWN TBG TO 1500, CLEAN FLOOR & TBG EQUIP W/ HOT OILER, PRESS HOLDING CHK IN AM SWIFN @ 6:00 6:00- 7:00 CREW TRAVEL - 6:00-7:00 CREW TRAVEL & SAFETY MTG (PRESS TESTING W/HOT OILER) 7:00 W/ RBP @4690, CONT TIH W/ PKR TO 2288 NO TEST, CONT TIH W/PKR TO 3830 NO TEST, CONT TIH W/ PKR TO 4636 GOOD TEST, PUH TO 4440 PRESS TEST WELL, WELL STARTED TO CERC, PUH TO4 4419 PRESS TEST DOW CSG TO 1500 PSI LOST 200 PSI IN 20 MIN, FOUND UNDOCUMENTED PERFS @4437-4443, PUH W/ PKR TO 562 PRESS TEST DOWN CSG TO 1500 LOST 80 PSI IN 20 MIN, TIH TO 625 PRESS TEST TO 1500 LOST 200 PSI IN 2 MIN, TOOHD LD PKR, 2:30 TIH W/ RETRIEVING HEAD TO 4690 RELEASE RBP, PUH TO 4385 SET RBP TOOHD LD RETRIEVING HEAD, PU & TIH W/ PKR SET PKR @ 656 PRESS TEST DOWN TBG TO 1500, CLEAN FLOOR & TBG EQUIP W/ HOT OILER, PRESS HOLDING CHK IN AM SWIFN @ 6:00 6:00- 7:00 CREW TRAVEL - 6:00-7:00 CREW TRAVEL & SAFETY MTG (PRESS TESTING W/HOT OILER) 7:00 W/ RBP @4690, CONT TIH W/ PKR TO 2288 NO TEST, CONT TIH W/PKR TO 3830 NO TEST, CONT TIH W/ PKR TO 4636 GOOD TEST, PUH TO 4440 PRESS TEST WELL, WELL STARTED TO CERC, PUH TO4 4419 PRESS TEST DOW CSG TO 1500 PSI LOST 200 PSI IN 20 MIN, FOUND UNDOCUMENTED PERFS @4437-4443, PUH W/ PKR TO 562 PRESS TEST DOWN CSG TO 1500 LOST 80 PSI IN 20 MIN, TIH TO 625 PRESS TEST TO 1500 LOST 200 PSI IN 2 MIN, TOOHD LD PKR, 2:30 TIH W/ RETRIEVING HEAD TO 4690 RELEASE RBP, PUH TO 4385 SET RBP TOOHD LD RETRIEVING HEAD, PU & TIH W/ PKR SET PKR @ 656 PRESS TEST DOWN TBG TO 1500, CLEAN FLOOR & TBG EQUIP W/ HOT OILER, PRESS HOLDING CHK IN AM SWIFN @ 6:00 6:00- 7:00 CREW TRAVEL - 6:00-7:00 CREW TRAVEL & SAFETY MTG (PRESS TESTING W/HOT OILER) 7:00 W/ RBP @4690, CONT TIH W/ PKR TO 2288 NO TEST, CONT TIH W/PKR TO 3830 NO TEST, CONT TIH W/ PKR TO 4636 GOOD TEST, PUH TO 4440 PRESS TEST WELL, WELL STARTED TO CERC, PUH TO4 4419 PRESS TEST DOW CSG TO 1500 PSI LOST 200 PSI IN 20 MIN, FOUND UNDOCUMENTED PERFS @4437-4443, PUH W/ PKR TO 562 PRESS TEST DOWN CSG TO 1500 LOST 80 PSI IN 20 MIN, TIH TO 625 PRESS TEST TO 1500 LOST 200 PSI IN 2 MIN, TOOHD LD PKR, 2:30 TIH W/ RETRIEVING HEAD TO 4690 RELEASE RBP, PUH TO 4385 SET RBP TOOHD LD RETRIEVING HEAD, PU & TIH W/ PKR SET PKR @ 656 PRESS TEST DOWN TBG TO 1500, CLEAN FLOOR & TBG EQUIP W/ HOT OILER, PRESS HOLDING CHK IN AM SWIFN @ 6:00 6:00- 7:00 CREW TRAVEL **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$81,884

**10/16/2013 Day: 11**

**Conversion**

WWS #3 on 10/16/2013 - Check psi, set RBP tool. - 6:00-7:00 CREW TRAVEL & SAFETY MTG. (DRIVING IN THE DARK) 7:00 W/ RBP SET @4385 & PKR SET @ 656 CHK PRESS ON WELL 1400PSI GOOD TEST, PUH W/ PKR TO 591 PRESS TEST GOOD, PUH W/ PKR TO 558 PRESS

TEST LOST 200PSI IN 2 MIIN, TIH W/ PKR TO 568 PRESS TEST LOST 200 PSI IN 2 MIN, TIH W/ PKR TO 578 PRESS TEST LOST 200 PSI IN 2 MIN, PRESS TEST DOWN CSG TO 1500 TEST GOOD, HOLE IN CSG @ 578-591, TOOHD LD PKR. 10:30 PU & TIH W/ RETRIEVING HEAD AND TBG TO RBP RELEASE RBP TOOHD LD RBP FLUSH W/ 40 BBL ON TOOHD, PU & TIH AS FOLLOWS WIRE LINE RE-ENTRY TOOL AS-1 PKR 2 7/8X2 3/8 X-OVER 2 3/8 PSN 2 3/8X 2 7/8 X OVER 119 JTS 2 7/8 TBG PUMP 10 BBL PAD DROP SV PRESS TEST TBG TO 3000 PSI GET GOOD TEST @ 4:00 FISH SV SWIFN @4:30 WAITING ON SHEER SCREWS FOR HPR. 4:30-5:30 CREW TRAVEL - 6:00-7:00 CREW TRAVEL & SAFETY MTG. (DRIVING IN THE DARK) 7:00 W/ RBP SET @4385 & PKR SET @ 656 CHK PRESS ON WELL 1400PSI GOOD TEST, PUH W/ PKR TO 591 PRESS TEST GOOD, PUH W/ PKR TO 558 PRESS TEST LOST 200PSI IN 2 MIIN, TIH W/ PKR TO 568 PRESS TEST LOST 200 PSI IN 2 MIN, TIH W/ PKR TO 578 PRESS TEST LOST 200 PSI IN 2 MIN, PRESS TEST DOWN CSG TO 1500 TEST GOOD, HOLE IN CSG @ 578-591, TOOHD LD PKR. 10:30 PU & TIH W/ RETRIEVING HEAD AND TBG TO RBP RELEASE RBP TOOHD LD RBP FLUSH W/ 40 BBL ON TOOHD, PU & TIH AS FOLLOWS WIRE LINE RE-ENTRY TOOL AS-1 PKR 2 7/8X2 3/8 X-OVER 2 3/8 PSN 2 3/8X 2 7/8 X OVER 119 JTS 2 7/8 TBG PUMP 10 BBL PAD DROP SV PRESS TEST TBG TO 3000 PSI GET GOOD TEST @ 4:00 FISH SV SWIFN @4:30 WAITING ON SHEER SCREWS FOR HPR. 4:30-5:30 CREW TRAVEL - 6:00-7:00 CREW TRAVEL & SAFETY MTG. (DRIVING IN THE DARK) 7:00 W/ RBP SET @4385 & PKR SET @ 656 CHK PRESS ON WELL 1400PSI GOOD TEST, PUH W/ PKR TO 591 PRESS TEST GOOD, PUH W/ PKR TO 558 PRESS TEST LOST 200PSI IN 2 MIIN, TIH W/ PKR TO 568 PRESS TEST LOST 200 PSI IN 2 MIN, TIH W/ PKR TO 578 PRESS TEST LOST 200 PSI IN 2 MIN, PRESS TEST DOWN CSG TO 1500 TEST GOOD, HOLE IN CSG @ 578-591, TOOHD LD PKR. 10:30 PU & TIH W/ RETRIEVING HEAD AND TBG TO RBP RELEASE RBP TOOHD LD RBP FLUSH W/ 40 BBL ON TOOHD, PU & TIH AS FOLLOWS WIRE LINE RE-ENTRY TOOL AS-1 PKR 2 7/8X2 3/8 X-OVER 2 3/8 PSN 2 3/8X 2 7/8 X OVER 119 JTS 2 7/8 TBG PUMP 10 BBL PAD DROP SV PRESS TEST TBG TO 3000 PSI GET GOOD TEST @ 4:00 FISH SV SWIFN @4:30 WAITING ON SHEER SCREWS FOR HPR. 4:30-5:30 CREW TRAVEL - 6:00-7:00 CREW TRAVEL & SAFETY MTG. (DRIVING IN THE DARK) 7:00 W/ RBP SET @4385 & PKR SET @ 656 CHK PRESS ON WELL 1400PSI GOOD TEST, PUH W/ PKR TO 591 PRESS TEST GOOD, PUH W/ PKR TO 558 PRESS TEST LOST 200PSI IN 2 MIIN, TIH W/ PKR TO 568 PRESS TEST LOST 200 PSI IN 2 MIN, TIH W/ PKR TO 578 PRESS TEST LOST 200 PSI IN 2 MIN, PRESS TEST DOWN CSG TO 1500 TEST GOOD, HOLE IN CSG @ 578-591, TOOHD LD PKR. 10:30 PU & TIH W/ RETRIEVING HEAD AND TBG TO RBP RELEASE RBP TOOHD LD RBP FLUSH W/ 40 BBL ON TOOHD, PU & TIH AS FOLLOWS WIRE LINE RE-ENTRY TOOL AS-1 PKR 2 7/8X2 3/8 X-OVER 2 3/8 PSN 2 3/8X 2 7/8 X OVER 119 JTS 2 7/8 TBG PUMP 10 BBL PAD DROP SV PRESS TEST TBG TO 3000 PSI GET GOOD TEST @ 4:00 FISH SV SWIFN @4:30 WAITING ON SHEER SCREWS FOR HPR. 4:30-5:30 CREW TRAVEL **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$88,703

**10/17/2013 Day: 12**

**Conversion**

WWS #3 on 10/17/2013 - Set packer, get good test on casing. - 6:00-7:00 CREW TRAVEL & SAFETY MTG (HIGH BITE W/ 1.9 IN ELEVATORS) 7:00 CONT TIH AS FOLLOWS PRB,6' PERF SUB, 2 7/8 PSN,1 JT, HPR, 19 JTS, 10' PUP JT, 1 JT, LAND TBG W/ TBG HANGER, RD FLOOR ND BOPS, PUMP 70 BBL FRESH WATER & PKR FLUID, SET AS-1 PKR W/ 15000 TENSION, SET HPR W/ 3000 PSI HOLD PRESS FOR 15 MIN NU WELL HEAD, DROP 2 7/8 SV GET GOOD TEST @ 10:00 FISH SV 10:00 NU BOPS X- OVER TBG EGUIP TO 1.9 RU FLOOR PU & TIH W/ 1.9 PBR STINER, 20 JTS 1.9, 4- 1.9 X 2' PUP JTS 1 JT 1.9 LAND 1.9 W/ TBG HANGER ND BOPS NU 2ND WELL HEAD PRESS UP CSG TO 1500 PSI GET GOOD TEST @ 4:00 4:00-5:00 CREW TRAVEL - 6:00-7:00 CREW TRAVEL & SAFETY MTG (HIGH BITE W/ 1.9 IN ELEVATORS) 7:00 CONT TIH AS FOLLOWS PRB,6' PERF SUB, 2 7/8 PSN,1 JT, HPR, 19 JTS, 10' PUP JT, 1 JT, LAND TBG W/ TBG HANGER, RD FLOOR ND BOPS, PUMP 70 BBL FRESH WATER & PKR FLUID, SET AS-1 PKR W/ 15000 TENSION, SET HPR W/ 3000 PSI HOLD PRESS FOR 15 MIN NU WELL HEAD, DROP 2 7/8 SV GET GOOD TEST @ 10:00 FISH SV 10:00 NU BOPS X- OVER



Spud Date: 7/05/94 (Re-entry)  
 Put on Production: 8/04/94  
 GL: 5503' KB: 5515'

# Monument Federal 22-12J-9-16

Initial Production: 12 BOPD,  
 NM MCFD, 0 BWPD

Injection Wellbore  
 Diagram

**SURFACE CASING**

CSG SIZE: 9-5/8"  
 GRADE:  
 WEIGHT: 32.30#  
 DEPTH LANDED: 228' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 200 sxs cmt

**PRODUCTION CASING**

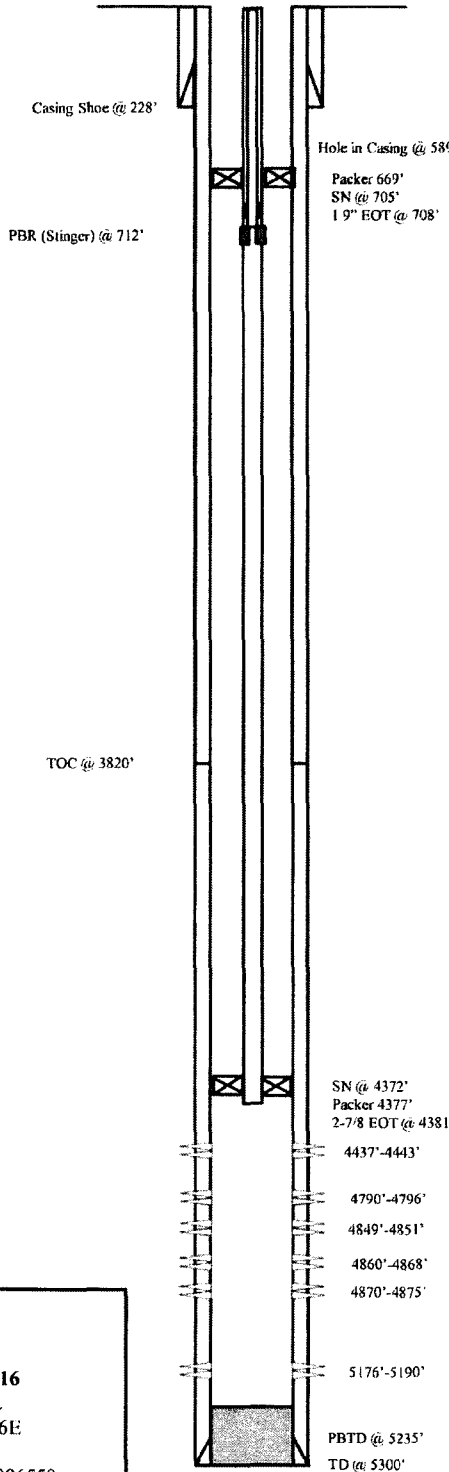
CSG SIZE: 5-1/2"  
 GRADE: K-55  
 WEIGHT: 15.5#  
 DEPTH LANDED: 5294' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 327 sxs cmt  
 CEMENT TOP AT: 3820' per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" J-55 / 6.5#  
 TBG HANGER 2-7/8" (0.62)  
 NO. OF JOINTS: 1 jts (31.1')  
 TBG PUP 2-7/8 N-80 AT: 43.7'  
 NO. OF JOINTS: 19 jts (612.7')  
 HPR PACKER 5-1/2 x 2-7/8 CE @ 669.38'  
 NO. OF JOINTS: 1 jt (32.5')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 705.3' KB  
 PERFORATED PUP 2-7/8" J-55 AT: 706.4'  
 PBR SUB 2-7/8" AT: 712.5'  
 NO. OF JOINTS: 126 jts (3654.7')  
 XO 2-3/8 x 2-7/8 J-55 AT: 4372'  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4372.5' KB  
 XO 2-3/8 x 2-7/8 J-55 AT: 4373.5'  
 ARROW #1 PACKER CE AT: 4377.3'  
 TOTAL STRING LENGTH: EOT @ 4381.41'

**INNER STRING**

IJ X 2.375 XO 1.9" tbg  
 NO. OF JOINTS: 1 jt (33.36')  
 1.9" 4 JTS / 2.76# / J-55 TBG PUP AT: 41.24'  
 1.90" IJ / 2.76# / J-55 TBG: 20 jts (662.17')  
 2.188 PBR STINGER AT: 703.41'  
 TOTAL STRING LENGTH: EOT @ 707.88'




**FRAC JOB**

7/19/94	4792'-4875'	<b>Frac zone as follows:</b> 27,000# 16/30 sand in 318 bbls frac fluid Treated @ avg press of 4600 psi w/avg rate of 17.4 BPM ISIP 3150 psi. Calc flush: 1213 gal Actual flush: 1205 gal
7/19/94	4437'-4443'	<b>Frac zone as follows:</b> 21,280# 16/30 sand in 148 bbls frac fluid Treated @ avg press of 4800 psi w/avg rate of 20 BPM ISIP not recorded Calc flush: 2098 gal Actual flush: 1092 gal Screened out w/ 4890# sand in casing.
08/28/08		<b>Recompletion - Drill out CIBP</b>
8/28/08	5176-5192'	<b>Frac A3 sds as follows:</b> 24,666# 20/40 sand in 283 bbls of Lightning 17 fluid. Treated w/ ave pressure of 3548 psi @ ave rate of 13.1 BPM ISIP 2270 psi Actual flush: 1285 gals.
8/28/08	4790-4796'	<b>Frac D3 &amp; C sds as follows:</b> 23,599# 20/40 sand in 244 bbls of Lightning 17 fluid. Treated w/ ave pressure of 4323 psi @ ave rate of 13.3 BPM ISIP 3992 psi. Actual flush: 1189 gals
8/5/09		<b>Tubing Leak</b> Updated rod & tubing details.
7/9/2011		<b>Parted rods.</b> Updated rod & tubing
01/29/14		<b>Conversion MIT Finalized</b> - Update tbg detail Hole in casing - ran Concentric String Packer System. 1.9" tbg inside 2-7/8" tbg - inject into the 1.9" tbg

**PERFORATION RECORD**

7/14/94	4437'-4443'	4 JSPF	24 holes
2/65	4440'	3 JSPF	3 holes
8/26/08	4790-4796'	4 JSPF	24 holes
2/65	4792'	3 JSPF	3 holes
2/65	4849-4851'	3 JSPF	6 holes
7/14/94	4860-4868'	4 JSPF	32 holes
2/65	4864'	3 JSPF	3 holes
7/14/94	4870-4875'	4 JSPF	20 holes
2/65	4872'	3 JSPF	3 holes
8/26/08	5176-5190'	4 JSPF	56 holes
2/65	5180'	3 JSPF	3 holes



**Monument Fed. 22-12J-9-16**  
 2017' FNL & 2098' FWL  
 SENW Section 12-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-15796; Lease #U-096550

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-096550
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.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Water Injection Well	<b>8. WELL NAME and NUMBER:</b> MONUMENT FED 22-12J	
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013157960000	
<b>3. ADDRESS OF OPERATOR:</b> 4 WATERWAY SQUARE PL STE 100 , THE WOODLANDS, TX, 77380	<b>PHONE NUMBER:</b> 435-646-4802	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 2017 FNL 2098 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 12 Township: 9S Range: 16E Meridian: S	<b>COUNTY:</b> DUCHESNE	
	<b>STATE:</b> UTAH	
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/13/2018  <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 type="text" value="5 YR MIT"/>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>		
<p>On 12/11/2018 Mark Reinbold with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 12/13/2018 the casing was pressured up to 1000 psig and charted for 15 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1949 psig during the test. There was a State representative available to witness the test - Chase Hanberg.</p>		<p><b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b></p> <p>December 19, 2018</p>
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Field Production Assistant
<b>SIGNATURE</b> N/A		<b>DATE</b> 12/17/2018

### Casing or Annulus Pressure Mechanical Integrity Test

Newfield Production Company  
 Rt 3 Box 3630  
 Myton, UT 84052  
 435.646.3721

UDOGM Witness: CHASE HANBERG Date: 12-13-18 Time: 11:00 (am) pm  
 Test Conducted By: EVERETT UNRUH  
 Others Present: ORIAN WALLACE

Well Name: <u>MONUMENT FEDERAL 82-125-9-16</u>			
Field: <u>MONUMENT BUTTE</u>	County: <u>Duchesne</u>	State: <u>UT</u>	
Location: <u>SENW</u> Sec: <u>12</u>	T <u>9</u>	N/S <u>16</u>	R <u>16</u> (E/W)
Operator: <u>Newfield</u>		API # <u>43-013-15796</u>	
Last MIT: <u>1/29/2014</u>		Maximum Allowable Pressure: <u>2000</u> psig	

Is this a regulary scheduled test?  Yes  No  
 Initial Test for Permit?  Yes  No  
 Test after well rework?  Yes  No  
 Well injection during test?  Yes  No If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing / tubing annulus pressure: 0 / 1965 psig

MIT DATA TABLE	Test #1	Test #2
<b>TUBING PRESSURE</b>		
Initial Pressure	<u>1965</u> psig	psig
End of test pressure	<u>1949</u> psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>		
0 minutes	<u>1000</u> psig	psig
5 minutes	<u>1000</u> psig	psig
10 minutes	<u>1000</u> psig	psig
15 minutes	<u>1000</u> psig	psig
20 minutes	psig	psig
25 minutes	psig	psig
30 minutes	psig	psig
_____ minutes	psig	psig
_____ minutes	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after test?  Yes  No

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: *Chase Hanberg*

Signature of Person Conducting Test: *Everett Unruh*

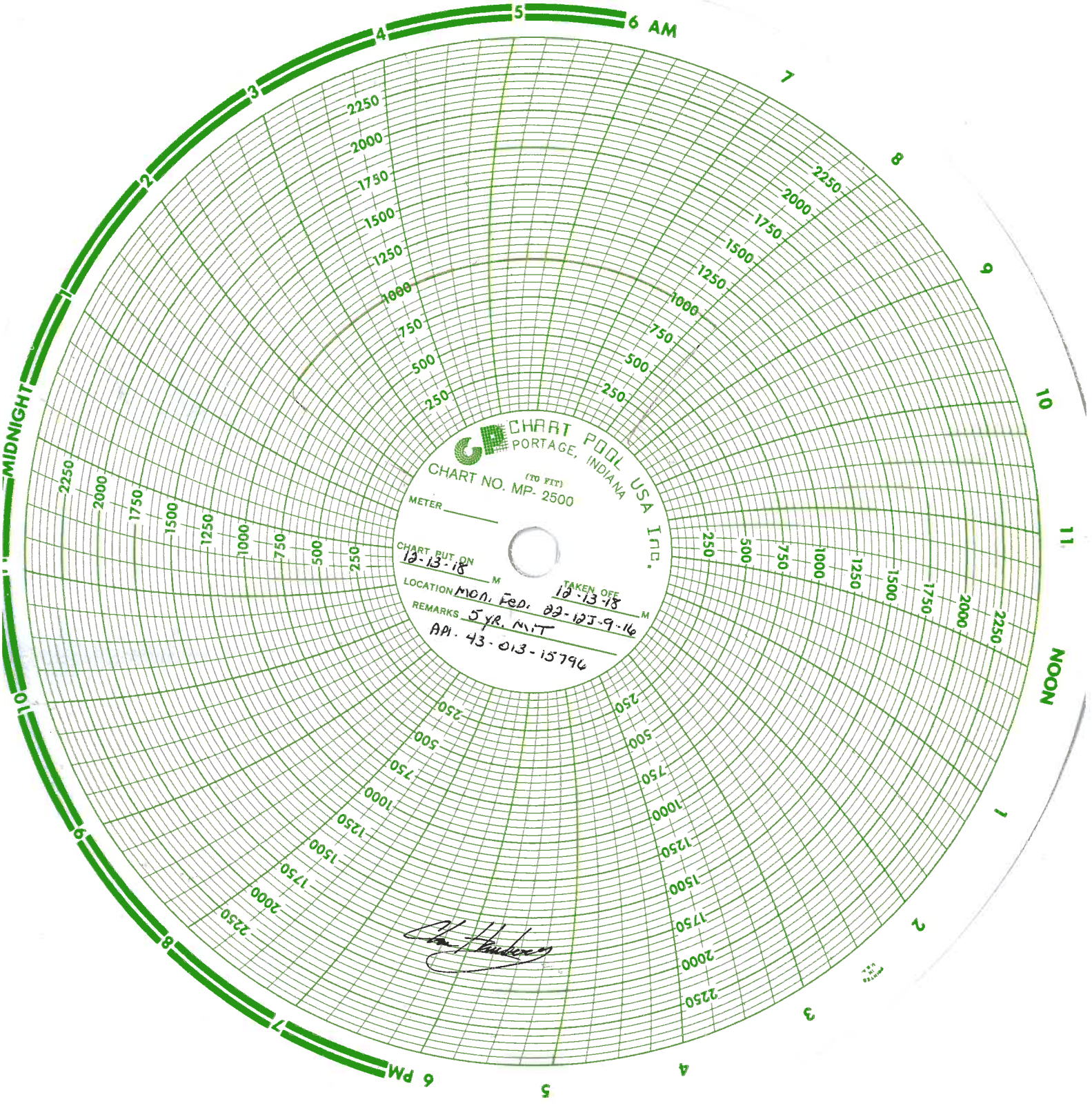


CHART PORTAGE, INDIANA  
CHART NO. MP-2500  
METER \_\_\_\_\_  
CHART PUT ON 12-13-18 M  
LOCATION Mon. Fed. TAKEN OFF 12-13-18 M  
REMARKS 5 YR. M.I.T  
API. 43-013-15796

*Chas. Hudson*



Division of Oil, Gas and Mining  
 Operator Change/Name Change Worksheet-for State use only

Effective Date: 1/24/2020

<b>FORMER OPERATOR:</b> Newfield Production Company	<b>NEW OPERATOR:</b> Ovintiv Production, Inc.
<b>Groups:</b> Greater Monument Butte	

**WELL INFORMATION:**

Well Name	API Number	Town	Dir	Range	Dir	Sec	Entity Number	Type	Status
See Attached List									

Total Well Count: 4704

**OPERATOR CHANGES DOCUMENTATION:**

- Sundry or legal documentation was received from the **FORMER** operator on: 3/16/2020
- Sundry or legal documentation was received from the **NEW** operator on: 3/16/2020
- New operator Division of Corporations Business Number: 755627-0143

**REVIEW:**

- Receipt of Acceptance of Drilling Procedures for APD on: 9/2/2020
- Reports current for Production/Disposition & Sundries: 1/14/2021
- OPS/SI/TA well(s) reviewed for full cost bonding: Approved by Dustin 12/21/2020
- UIC5 on all disposal/injection/storage well(s) Approved on: Approved by Dayne 3/25/2020

Surface Facility(s) included in operator change:

- State 11-32 Pipeline
- Monument Butte St 10-36
- GB Fed 13-20-8-17
- Canvasback Fed 1-22-8-17
- Ashley Fed 8-14-9-15 Pipeline
- West Lateral 4C Slug Catcher (2-5-3-3)
- West Lateral Phase 5 Slug Catcher
- Bar F Slug Catcher
- Dart Slug Catcher
- Mullins Slug Catcher
- Temporary Produced Water Conditioning Site
- Dart Temporary Produced Water Facility
- Earl Temporary Water Treatment Facility

**NEW OPERATOR BOND VERIFICATION:**

State/fee well(s) covered by Bond Number(s):

- B001834.A
- 107238142-Shut-In Bond

**DATA ENTRY:**

Well(s) update in the RBDMS on: 1/14/2021

Group(s) update in RDBMS on: 1/14/2021

Surface Facilities update in RBDMS on: 1/14/2021

Entities Updated in RBDMS on:

**COMMENTS:**

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**see attached list**

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
**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.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:  
**see attached**

2. NAME OF OPERATOR:  
**Newfield Production Company**

9. API NUMBER:  
**attached**

3. ADDRESS OF OPERATOR:  
4 Waterway Square Place St. CITY The Woodlands STATE TX ZIP 77380

PHONE NUMBER:  
**(435) 646-4936**

10. FIELD AND POOL, OR WILDCAT:  
**attached**

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: COUNTY:  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: **UTAH**

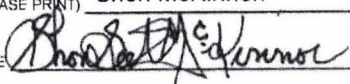
**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<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 checked="" 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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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 type="checkbox"/> OTHER: _____
	<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.  
This sundry is serve as notification of the formal corporate name change of Newfield Production Company to Ovintiv Production Inc. Attached is a list of all wells wells that will be operated under Ovintiv Production Inc effective January 24, 2020.

PREVIOUS NAME:  
Newfield Production Company  
4 Waterway Square Place Suite 100  
The Woodlands, TX 77380  
(435)646-4825

NEW NAME:  
Ovintiv Production Inc.  
4 Waterway Square Place Suite 100  
The Woodlands, TX 77380  
(435)646-4825

NAME (PLEASE PRINT) Shon McKinnon TITLE Regulatory Manager, Rockies  
SIGNATURE  DATE 3/16/2020

(This space for State use only)

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>see attached list</b>
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: <b>see attached</b>
1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: <b>Newfield Production Company</b>		8. WELL NAME and NUMBER: <b>see attached</b>
3. ADDRESS OF OPERATOR: 4 Waterway Square Place SU CITY The Woodlands STATE TX ZIP 77380		9. API NUMBER: <b>attached</b>
4. LOCATION OF WELL		10. FIELD AND POOL, OR WILDCAT: <b>attached</b>
FOOTAGES AT SURFACE: _____ COUNTY: _____		
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: <b>UTAH</b>		

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: _____	<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 checked="" 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 type="checkbox"/> OTHER: _____
	<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.

This sundry is serve as notification of the formal corporate name change of Newfield Production Company to Ovintiv Production Inc. Attached is a list of all wells wells that will be operated under Ovintiv Production Inc effective January 24, 2020.

PREVIOUS NAME:  
Newfield Production Company  
4 Waterway Square Place Suite 100  
The Woodlands, TX 77380  
(435)646-4825

NEW NAME:  
Ovintiv Production Inc.  
4 Waterway Square Place Suite 100  
The Woodlands, TX 77380  
(435)646-4825

NAME (PLEASE PRINT) <u>Shon McKinnon</u>	TITLE <u>Regulatory Manager, Rockies</u>
SIGNATURE	DATE <u>3/16/2020</u>

(This space for State use only)



**TRANSFER OF AUTHORITY TO INJECT**

Well Name and Number <b>See attached list</b>	API Number <b>Attached</b>
Location of Well	Field or Unit Name <b>See Attached</b>
Footage : County :	Lease Designation and Number <b>See Attached</b>
QQ, Section, Township, Range: State : UTAH	

**EFFECTIVE DATE OF TRANSFER:** 1/24/2020

**CURRENT OPERATOR**

Company: <u>Newfield Production Company</u>	Name: <u>Shon McKinnon</u>
Address: <u>4 Waterway Square Place, Suite 100</u>	Signature:
<u>city The Woodlands state TX zip 77380</u>	Title: <u>Regulatory Manager, Rockies</u>
Phone: <u>(435) 646-4825</u>	Date: <u>3/18/2020</u>
Comments:	

**NEW OPERATOR**

Company: <u>Ovintiv Production, Inc</u>	Name: <u>Shon McKinnon</u>
Address: <u>4 Waterway Square Place, Suite 100</u>	Signature:
<u>city The Woodlands state TX zip 77380</u>	Title: <u>Regulatory Manager, Rockies</u>
Phone: <u>(435) 646-4825</u>	Date: <u>3/18/2020</u>
Comments:	

(This space for State use only)

Approved by the  
Utah Division of  
Oil, Gas and Mining

Mar 25, 2020

EPA approval required

Max Inj. Press.  
Max Inj. Rate  
Perm. Inj. Interval  
Packer Depth  
Next MIT Due

Effective Date: 7/1/2021

<b>FORMER OPERATOR:</b> Ovintiv Production, Inc.	<b>NEW OPERATOR:</b> Ovintiv USA, Inc.
Groups: Greater Monument Butte	

**WELL INFORMATION:**

Well Name	API Number	Town	Dir	Range	Dir	Sec	Entity Number	Type	Status
See Attached List									

Total Well Count: 4689  
 Pre-Notice Completed: 9/22/2021

**OPERATOR CHANGES DOCUMENTATION:**

- Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2021
- Sundry or legal documentation was received from the **NEW** operator on: 9/15/2021
- New operator Division of Corporations Business Number: 5053175-0143

**REVIEW:**

- Receipt of Acceptance of Drilling Procedures for APD on: 9/15/2021
- Reports current for Production/Disposition & Sundries: 9/22/2021
- OPS/SI/TA well(s) reviewed for full cost bonding: Approved by Dustin 10/25/2021
- UIC5 on all disposal/injection/storage well(s) Approved on: Approved by Dayne 10/4/2021
- Surface Facility(s) included in operator change:

- Monument Butte Liq. Cond.
- Pleasant Valley (New)
- West Lateral 4C Slug Catcher (2-5-3-3)
- West Lateral Phase 5 Slug Catcher
- Bar F Slug Catcher
- Dart Slug Catcher
- Mullins Slug Catcher
- Ashley
- Sundance
- Ranch
- Pleasant Valley
- Monument Butte
- Ashley Fed 8-14-9-15 Pipeline
- Ute Tribal 4-13-4-2W Pipeline
- State 11-32 Pipeline
- Monument Butte St 10-36
- GB Fed 13-20-8-17
- Canvasback Fed 1-22-8-17

**NEW OPERATOR BOND VERIFICATION:**

State/fee well(s) covered by Bond Number(s): B001834-B  
 107238142A

**DATA ENTRY:**

Well(s) update in the RBDMS on: 11/24/2021

Group(s) update in RDBMS on: 11/21/2021

Surface Facilities update in RBDMS on: 11/24/2021

Entities Updated in RBDMS on: 11/24/2021

**COMMENTS:**

9/22/2021, Since the Newfield to Ovintiv operator change was processed at the beginning of 2021, Name change will only need to match the existing bonds in place under Ovintiv Production, Inc; no additional bond will be required at this time.

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

**See attached list**

**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:

1. TYPE OF WELL      OIL WELL       GAS WELL       OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:

2. NAME OF OPERATOR:  
**Ovintiv Production, Inc.**

9. API NUMBER:

3. ADDRESS OF OPERATOR:  
4 Waterway SQ PL STE 100      CITY The Woodlands      STATE TX      ZIP 77380

PHONE NUMBER:  
**(281) 210-5100**

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

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>7/1/2021</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 checked="" 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 type="checkbox"/> OTHER: _____
	<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.

This sundry is to serve as notification that Ovintiv Production Inc. merged into Ovintiv USA Inc. Attached is a list of all wells that will be operated under Ovintiv USA Inc. effect July 1, 2021.

PREVIOUS NAME:  
Ovintiv Production Inc.  
4 Waterway Square Place Suite 100  
The Woodlands, TX 77380  
(281) 210-5100

NEW NAME:  
Ovintiv USA Inc.  
4 Waterway Square Place Suite 100  
The Woodlands, TX 77380  
(281) 210-5100

NAME (PLEASE PRINT) Julia Carter

TITLE Manager, US Regulatory Operations

SIGNATURE *Julia M. Carter*

DATE 9/8/2021

(This space for State use only)

**APPROVED**

By Utah Division of  
Oil, Gas, and Mining

*Rachel Medina*



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

UIC FORM 5

**TRANSFER OF AUTHORITY TO INJECT**

Well Name and Number See attached list	API Number Attached
Location of Well	Field or Unit Name See Attached
Footage : _____ County : _____	Lease Designation and Number See Attached
QQ, Section, Township, Range: _____ State : UTAH	

EFFECTIVE DATE OF TRANSFER: 7/1/2021

**CURRENT OPERATOR**

Company: <u>Ovintiv Production, Inc.</u>	Name: <u>Julia Carter</u>
Address: <u>4 Waterway Square Place, Suite 100</u>	Signature: <u><i>Julia M. Carter</i></u>
<u>city The Woodlands state TX zip 77380</u>	Title: <u>Manager, US Regulatory Operations</u>
Phone: <u>(281) 210-5100</u>	Date: <u>9/8/2021</u>
Comments:	

**NEW OPERATOR**

Company: <u>Ovintiv USA Inc.</u>	Name: <u>Julia Carter</u>
Address: <u>4 Waterway Square Place Suite 100</u>	Signature: <u><i>Julia M. Carter</i></u>
<u>city The Woodlands state TX zip 77380</u>	Title: <u>Manager, US Regulatory Operations</u>
Phone: <u>(281) 210-5100</u>	Date: <u>9/8/2021</u>
Comments:	

(This space for State use only) Approved by the  
Utah Division of  
Oil, Gas and Mining

*[Signature]*  
Oct 04, 2021

EPA approval required

- Max Inj. Press.
- Max Inj. Rate
- Perm. Inj. Interval
- Packer Depth
- Next MIT Due

Effective Date: 9/1/2022

<b>FORMER OPERATOR:</b>	<b>NEW OPERATOR:</b>
Ovintiv USA, Inc.	Scout Energy Management, LLC
Groups:	

**WELL INFORMATION:**

Well Name	API Number	Town	Dir	Range	Dir	Sec	Entity Number	Type	Status
See Attached List									

Total Well Count: 2888

Pre-Notice Completed: 10/19/2022

**OPERATOR CHANGES DOCUMENTATION:**

- Sundry or legal documentation was received from the **FORMER** operator on: 9/26/2022
- Sundry or legal documentation was received from the **NEW** operator on: 9/26/2022
- New operator Division of Corporations Business Number: 12607016-0161

**REVIEW:**

- Receipt of Acceptance of Drilling Procedures for APD on: 11/15/2022
- Reports current for Production/Disposition & Sundries: 10/19/2022
- OPS/SI/TA well(s) reviewed for full cost bonding: Approved by Dustin 10/11/2022
- UIC5 on all disposal/injection/storage well(s) Approved on: Approved by Orlan 12/15/2022
- Surface Facility(s) included in operator change: 10/19/2022

**NEW OPERATOR BOND VERIFICATION:**

State/fee well(s) covered by Bond Number(s):  
 612402641-Blanket Bond  
 612402460-Full-Cost Shut-In Bond

**DATA ENTRY:**

Well(s) update in the RBDMS on: 12/20/2022 and 1/25/2023

Group(s) update in RDBMS on: 12/20/2022

Surface Facilities update in RBDMS on: NA

Entities Updated in RBDMS on: 1/25/2023

**COMMENTS:**

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:  
See attached Exhibit A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
None - N/A

7. UNIT or CA AGREEMENT NAME:  
Greater Monument Butte Unit

8. WELL NAME and NUMBER:  
See attached Exhibit A

9. API NUMBER:  
Attached

10. FIELD AND POOL, OR WILDCAT:  
See attached Exhibit A

**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  GAS WELL  OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
Scout Energy Management, LLC

3. ADDRESS OF OPERATOR:  
13800 Montfort Road, Suite 1, CITY Dallas STATE TX ZIP 75240

PHONE NUMBER:  
(972) 325-1096

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See attached Exhibit A COUNTY: \_\_\_\_\_

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: \_\_\_\_\_ STATE: **UTAH**

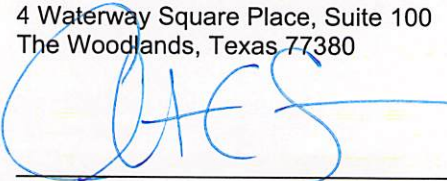
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>9/1/2022</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 checked="" 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 type="checkbox"/> OTHER: _____
	<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.

Please consider this sundry as notification of the transfer of operatorship of the wells listed on the attached exhibit from Ovintiv USA Inc. to Scout Energy Management, LLC effective September 1, 2022.

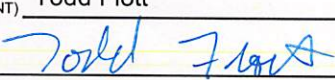
PREVIOUS OPERATOR:  
Ovintiv USA Inc.  
4 Waterway Square Place, Suite 100  
The Woodlands, Texas 77380

  
Signature - Christian C. Sizemore  
Director, Rockies and Land Innovation  
State/Fee Bond #105189977  
BLM Bond #105073466

NEW OPERATOR:  
Scout Energy Management, LLC  
13800 Montfort Road, Suite 100  
Dallas, TX 75240

  
Signature - Todd Flott  
Managing Director  
State/Fee Bond #612402460 / #61242461  
BLM Bond #612402462

NAME (PLEASE PRINT) Todd Flott TITLE Managing Director

SIGNATURE  DATE 8/31/2022

(This space for State use only)

**APPROVED**  
By Rachel Medina at 10:58 am, Dec 21, 2022



**TRANSFER OF AUTHORITY TO INJECT**

Well Name and Number see attached list		API Number attached
Location of Well		Field or Unit Name see attached Exhibit A
Footage :	County : see attached	Lease Designation and Number see attached Exhibit A
QQ, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2022

**CURRENT OPERATOR**

Company: <u>Ovintiv USA Inc.</u>	Name: <u>Christian C. Sizemore</u>
Address: <u>4 Waterway Square Place, Suite 100</u>	Signature:
<u>city The Woodlands state TX zip 77380</u>	Title: <u>Director, Rockies and Land Innovation</u>
Phone: <u>281-210-5100</u>	Date: <u>11/16/2022</u>
Comments: UIC wells under UDOGM Jurisdiction	

**NEW OPERATOR**

Company: <u>Scout Energy Management LLC</u>	Name: <u>Jon Piot</u>
Address: <u>13800 Montford Road, Suite 100</u>	Signature:
<u>city Dallas state TX zip 75240</u>	Title: <u>Managing Director</u>
Phone: <u>972-325-1027</u>	Date: <u>11/15/2022</u>
Comments: Change of operator effective 9/1/2022	

(This space for State use only)

EPA approval required

- Max Inj. Press.
- Max Inj. Rate
- Perm. Inj. Interval
- Packer Depth
- Next MIT Due

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-096550	
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 TRIBAL, ALLOTTEE OR TRIBE NAME:	
		7. UNIT or CA AGREEMENT NAME: Greater Monument Butte	
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: Monument Fed 22-12J		
2. NAME OF OPERATOR: Scout Energy Management, LLC	9. API NUMBER: 43013157960000		
3. ADDRESS OF OPERATOR: 13800 Montfort Drive, Suite 100, Dallas, TX, 75240	PHONE NUMBER: 972-277-1397	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2017 FNL 2098 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 12 Township: 9S Range: 16E Meridian: S	COUNTY: DUCHESNE		
		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: 12/20/2023  <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 checked="" 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. Scout Energy Management, LLC requests permission to repair a suspected HIT. Our plan currently is to rig up and test the tubing with a standing valve, pull the tubing and packer, replace any necessary equipment, run the injection string back in, fill the annulus with packer fluid, and reset the injection string.			
		<b>Approved by the Utah Division of Oil, Gas and Mining</b>	
		<b>Date:</b> <u>December 01, 2023</u>	
		<b>By:</b> <u>Richard Powell</u>	
		<b>Conditions Attached</b>	
NAME (PLEASE PRINT) Danene Harvey	PHONE NUMBER 972-325-1114	TITLE Sr. Regulatory Analyst	
SIGNATURE N/A		DATE 11/13/2023	

Sundry Number: 127166 API Well Number: 43013157960000



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

### **Sundry Conditions For Well Number 43013157960000**

**Contact Eden Hartung 385-272-4637 at least 48 hours in advance to witness successful MIT prior to placing well back on injection.**

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-096550
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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 TRIBAL, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME: Greater Monument Butte
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: Monument Fed 22-12J
2. NAME OF OPERATOR: Scout Energy Management, LLC	9. API NUMBER: 43013157960100
3. ADDRESS OF OPERATOR: 13800 Montfort Drive, Suite 100 , Dallas , TX, 75240	PHONE NUMBER: 972-277-1397
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2017 FNL 2098 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 12 Township: 9S Range: 16E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE  COUNTY: DUCHESNE  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: 3/15/2024  <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 checked="" 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.  
 Scout Energy Management, LLC would like to plug and abandon the above mentioned well.  
 See attached well procedure.

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

**Date:** February 06, 2024

**By:** Andrew Hoyer

**Conditions Attached**

<b>NAME (PLEASE PRINT)</b> Danene Harvey	<b>PHONE NUMBER</b> 972-325-1114	<b>TITLE</b> Sr. Regulatory Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 2/1/2024



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Sundry Conditions For Well Number 43013157960100**

1. A CBL shall be run to confirm TOC or an existing CBL shall be provided to the Division prior to commencing plugging operations. Any plugs where no cement exists behind pipe will need to be perforated, CICR set and cement equivalent in height to proposed plug pumped behind pipe and left inside of casing.

Scout Energy Management, LLC

Mon Feb 22-12J-9-16

Date: 1/25/2024

Plug and Abandonment Procedure

### Well and Location Preparation:

1. Notify all regulatory agencies (UDOGM, BLM, & EPA) as per COA, prior to beginning any work. We will remain compliant to the guidelines outlined by the agencies at all times during operations.
2. Ensure that the location is prepped for the rig (deadman anchors tested within 2yrs, injection shed removed from location, well bled off).
3. We will want to ensure that tanks are on location prior to the job so that we are able to blow down the well.
4. Verify that the flow stream is free of H2S and does not require treatment with scavenger.

### Depths to Note: (see attached diagram)

- Surface Casing Shoe @ 228'
- TD of well @ 5300'
- Top of production cement @ 3820'.
- Max BMSW @ 1261'.
- Green River/Uinta contact @ 1563'.
- Trona Formation top @ 2682'.
- Top Perforation @ 4437' 1563

### Workover Rig Procedures:

1. MIRU Workover rig.
2. **If production well**, blow down tbg & csg if necessary, flush down casing with hot wtr and 10 gal H2S Scavenger, pull pump off seat and flush tbg & rods with hot water and 10 gal H2S scavenger. TOOH and LD pump and rods.  
**If injection well**, blow down well, unseat pkr, attempt to circulate well w/ hot wtr and 10 gal H2S scavenger to clean out residual oil.
3. ND wellhead and NU BOPE. Function test all rams.
4. Drop standing valve and pressure test tubing to 2000#. Release tubing anchor and TOOH w/ tbg string and tally.
5. **If tbg held pressure**, utilize as workstring for P&A operation. **If tbg failed pressure test**, scan tbg out, marking failed joints and good joints to move to company inventory, PU rental workstring.
6. RIH w/ bit and scraper at discretion of rig pusher based on well condition. TOOH and LD B&S.

7. MU CIBP on tbg if setting on tbg, or MIRU wireline unit, RIH w/ CIBP to specified depth (50' above the top perforation), then bail 2-5 sk cmt (20 ft in 4.5" – 7" csg) on top of CIBP w/ wireline.
8. Pressure test casing to 1000psi for 30 min to ensure that casing and CIBP hold pressure. **30 min test is required by EPA.**
9. **If casing/CIBP pressure test fails**, check all connections for leaks, communicate to engineer and regulatory representative, make preparations to run pkr, test CIBP, and attempt to isolate possible holes in casing.
10. Circulate the wellbore clean with corrosion inhibitor and biocide treated fresh water.
11. Spot in and RU pump truck and equipment in preparation for setting the cement plugs as necessary, according to attached ***Proposed P&A Wellbore Diagram***.

## **Cement Plug Pumping Procedures:**

- **Class G cement will be used for all plugging/cementing procedures.**
- **If TOC is at or below BMSW according to CBL, final plug should be circulated to surface across BMSW.**
- **If TOC is NOT observed on CBL or temperature log, known hazard zones should be perforated and squeezed w/ 120-150' cement plugs.**
  
- **Balanced Cement Plug Procedure:**
  - a. TIH w/ tbg to btm of intended plug as shown, spot minimum 20 sks cement in 5.5" casing around end of tbg, PU tbg 150' above TOC in csg, circulate tbg clean.
  - b. Wait 1 hr for cement to harden, run in w/ tbg and tag balanced plug to confirm plug did not move, communicate tag w/ coordinator & engineer.
  - c. TOOH laying down tbg for next plug.
- **Perf & Squeeze Plug w/o Cement Behind Casing Procedure:**
  - d. RIH with wireline perf guns and perforate as shown.
  - e. Shut in BOP and establish a good circulating rate and circulate surface to surface. Returns will be taken up the 5.5" annulus. Discuss with Coordinator and Engineer if circulating rate is not established
  - f. **If circulating**, calculate cement volume to fill borehole-5.5" annular, including excess 10% due to open-hole, and leaving 100' of cement inside of the casing wellbore.
  - g. Pump cement volume and watch for cement circulating out of casing at surface, close casing valve to squeeze cement out into formation, shutdown to leave 100' cement plug in wellbore.
  - h. **If not circulating**, spot 8 bbls above perms and pull up 100' above cement, circulate tubing clean, shut in BOP, begin squeezing 4 bbls out of casing and leaving 4 bbls inside casing (~150').
  - i. Shutdown 1 hr, tag cement w/ tbg to confirm plug held, TOOH laying down tubing to next plug.



# Monument Federal #22-12J-9-16

Spud Date: 7/05/94 (Re-entry)

Put on Production: 8/04/94

GL: 5503' KB: 5515'

Initial Production: 12 BOPD,  
NM MCFD, 0 BWPD

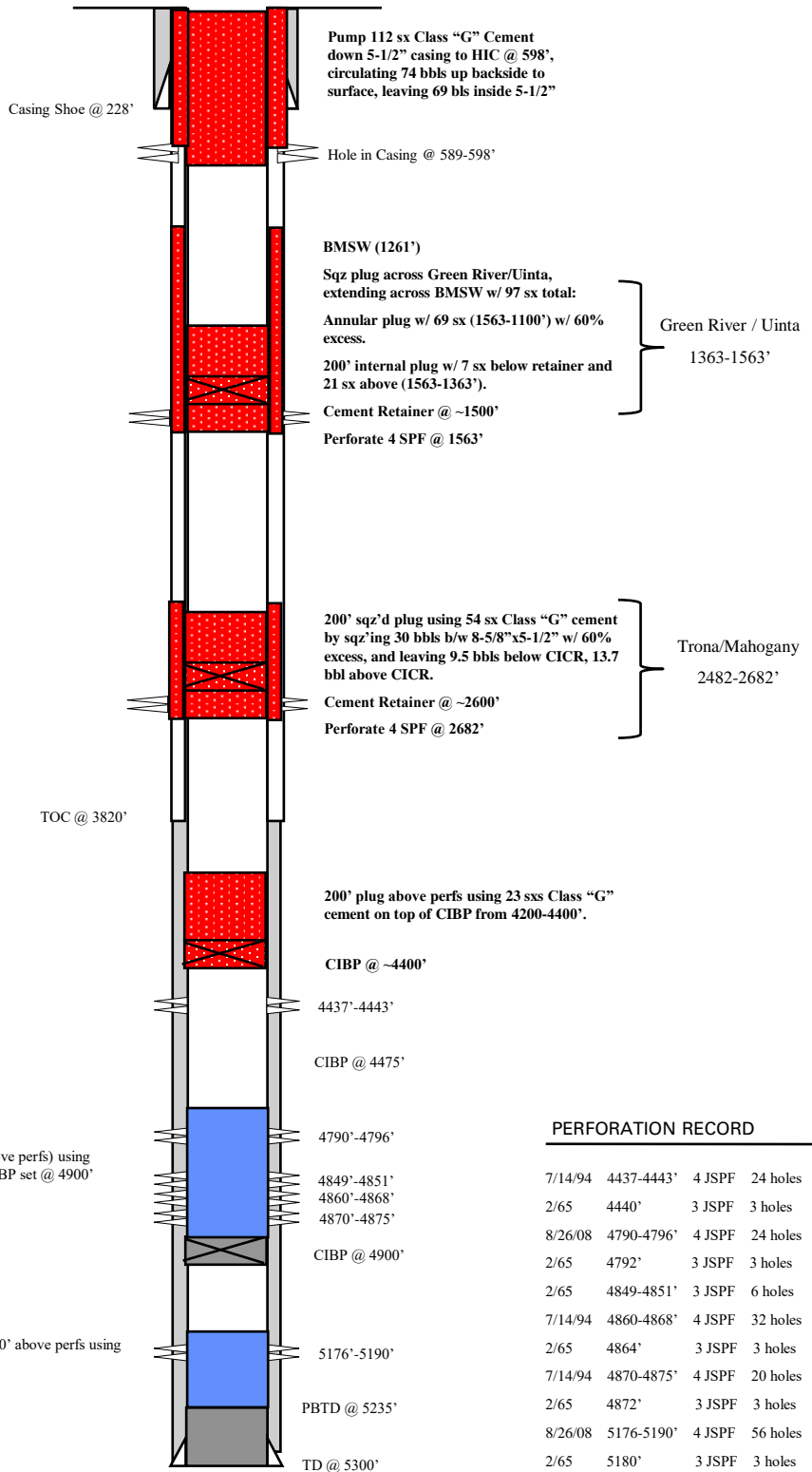
## Proposed P&A

### SURFACE CASING

CSG SIZE: 9-5/8"  
GRADE:  
WEIGHT: 32.30#  
DEPTH LANDED: 228' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 200 sxs cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: K-55  
WEIGHT: 15.5#  
DEPTH LANDED: 5294' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 327 sxs cmt  
CEMENT TOP AT: 3820' per CBL



**Monument Fed. #22-12j**  
2017' FNL & 2098' FWL  
SENW Section 12-T9S-R16E  
Duchesne Co, Utah  
API #43-013-15796; Lease #U-096550

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-096550
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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 TRIBAL, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME: Greater Monument Butte
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: Monument Fed 22-12J
2. NAME OF OPERATOR: Scout Energy Management, LLC	9. API NUMBER: 43013157960000
3. ADDRESS OF OPERATOR: 13800 Montfort Drive, Suite 100 , Dallas , TX, 75240	PHONE NUMBER: 972-277-1397
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2017 FNL 2098 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 12 Township: 9S Range: 16E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE  COUNTY: DUCHESNE  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: 4/1/2024  <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 checked="" 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.  
 Scout Energy Management, LLC would like to plug and abandon the above mentioned well with the attached revised Wellbore diagram. Previous approved sundry #128548 on 2/6/24. Requested CBL was submitted for review on 2/6/24.

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

**Date:** February 27, 2024

**By:** Andrew Hoyer

<b>NAME (PLEASE PRINT)</b> Danene Harvey	<b>PHONE NUMBER</b> 972-325-1114	<b>TITLE</b> Sr. Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 2/27/2024	

Scout Energy Management, LLC

Mon Feb 22-12J-9-16

Date: 1/25/2024

Plug and Abandonment Procedure

### Well and Location Preparation:

1. Notify all regulatory agencies (UDOGM, BLM, & EPA) as per COA, prior to beginning any work. We will remain compliant to the guidelines outlined by the agencies at all times during operations.
2. Ensure that the location is prepped for the rig (deadman anchors tested within 2yrs, injection shed removed from location, well bled off).
3. We will want to ensure that tanks are on location prior to the job so that we are able to blow down the well.
4. Verify that the flow stream is free of H2S and does not require treatment with scavenger.

### Depths to Note: (see attached diagram)

- Surface Casing Shoe @ 228'
- TD of well @ 5300'
- Top of production cement @ 3820'.
- Max BMSW @ 1261'.
- Green River/Uinta contact @ 1563'.
- Trona Formation top @ 2682'.
- Top Perforation @ 4437' 1563

### Workover Rig Procedures:

1. MIRU Workover rig.
2. **If production well**, blow down tbg & csg if necessary, flush down casing with hot wtr and 10 gal H2S Scavenger, pull pump off seat and flush tbg & rods with hot water and 10 gal H2S scavenger. TOOH and LD pump and rods.  
**If injection well**, blow down well, unseat pkr, attempt to circulate well w/ hot wtr and 10 gal H2S scavenger to clean out residual oil.
3. ND wellhead and NU BOPE. Function test all rams.
4. Drop standing valve and pressure test tubing to 2000#. Release tubing anchor and TOOH w/ tbg string and tally.
5. **If tbg held pressure**, utilize as workstring for P&A operation. **If tbg failed pressure test**, scan tbg out, marking failed joints and good joints to move to company inventory, PU rental workstring.
6. RIH w/ bit and scraper at discretion of rig pusher based on well condition. TOOH and LD B&S.

7. MU CIBP on tbg if setting on tbg, or MIRU wireline unit, RIH w/ CIBP to specified depth (50' above the top perforation), then bail 2-5 sk cmt (20 ft in 4.5" – 7" csg) on top of CIBP w/ wireline.
8. Pressure test casing to 1000psi for 30 min to ensure that casing and CIBP hold pressure. **30 min test is required by EPA.**
9. **If casing/CIBP pressure test fails**, check all connections for leaks, communicate to engineer and regulatory representative, make preparations to run pkr, test CIBP, and attempt to isolate possible holes in casing.
10. Circulate the wellbore clean with corrosion inhibitor and biocide treated fresh water.
11. Spot in and RU pump truck and equipment in preparation for setting the cement plugs as necessary, according to attached ***Proposed P&A Wellbore Diagram***.

## **Cement Plug Pumping Procedures:**

- **Class G cement will be used for all plugging/cementing procedures.**
- **If TOC is at or below BMSW according to CBL, final plug should be circulated to surface across BMSW.**
- **If TOC is NOT observed on CBL or temperature log, known hazard zones should be perforated and squeezed w/ 120-150' cement plugs.**
  
- **Balanced Cement Plug Procedure:**
  - a. TIH w/ tbg to btm of intended plug as shown, spot minimum 20 sks cement in 5.5" casing around end of tbg, PU tbg 150' above TOC in csg, circulate tbg clean.
  - b. Wait 1 hr for cement to harden, run in w/ tbg and tag balanced plug to confirm plug did not move, communicate tag w/ coordinator & engineer.
  - c. TOOH laying down tbg for next plug.
- **Perf & Squeeze Plug w/o Cement Behind Casing Procedure:**
  - d. RIH with wireline perf guns and perforate as shown.
  - e. Shut in BOP and establish a good circulating rate and circulate surface to surface. Returns will be taken up the 5.5" annulus. Discuss with Coordinator and Engineer if circulating rate is not established
  - f. **If circulating**, calculate cement volume to fill borehole-5.5" annular, including excess 10% due to open-hole, and leaving 100' of cement inside of the casing wellbore.
  - g. Pump cement volume and watch for cement circulating out of casing at surface, close casing valve to squeeze cement out into formation, shutdown to leave 100' cement plug in wellbore.
  - h. **If not circulating**, spot 8 bbls above perms and pull up 100' above cement, circulate tubing clean, shut in BOP, begin squeezing 4 bbls out of casing and leaving 4 bbls inside casing (~150').
  - i. Shutdown 1 hr, tag cement w/ tbg to confirm plug held, TOOH laying down tubing to next plug.

# Monument Federal #22-12J-9-16

Spud Date: 7/05/94 (Re-entry)

Put on Production: 8/04/94

GL: 5503' KB: 5515'

Initial Production: 12 BOPD,  
NM MCFD, 0 BWPD

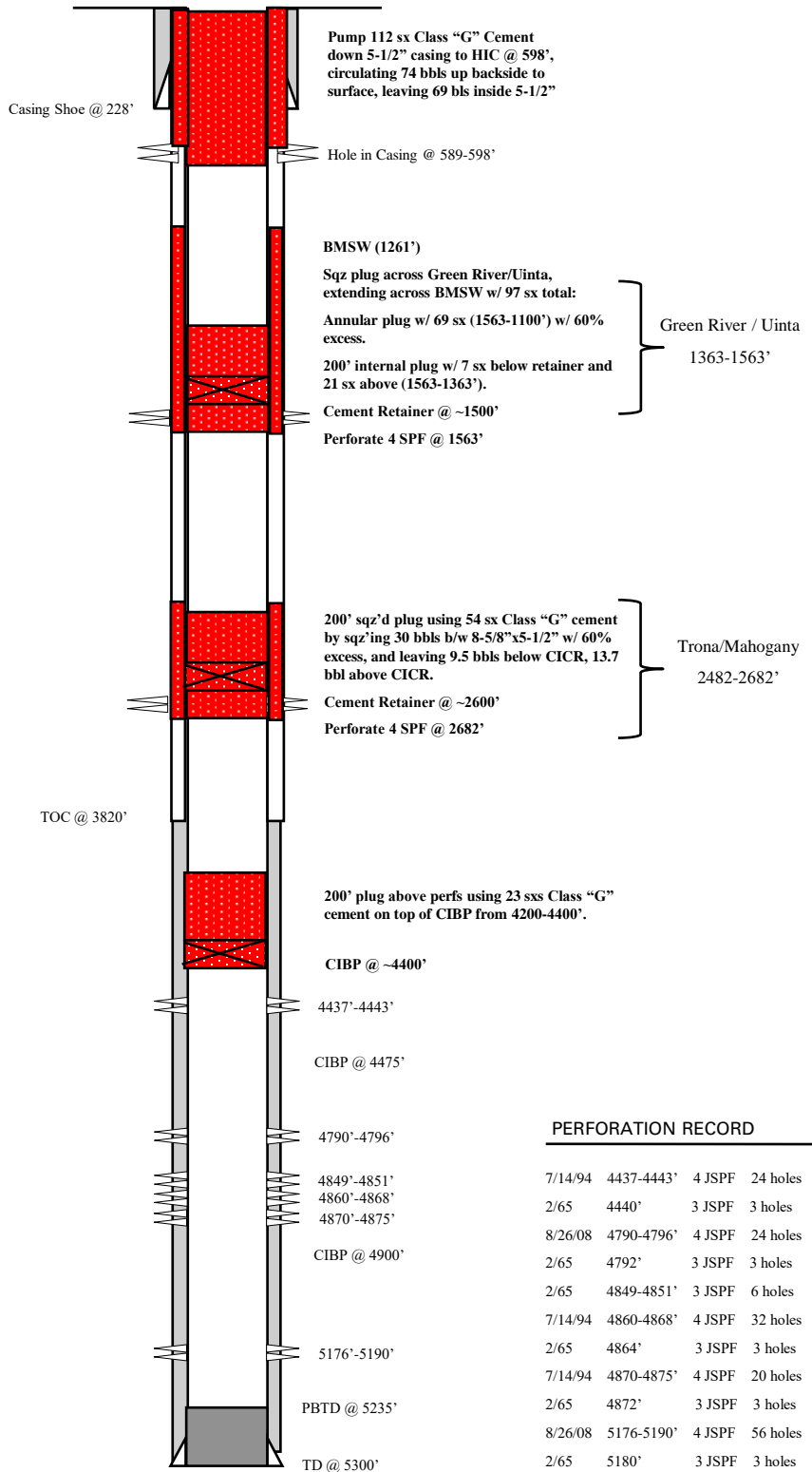
## Proposed P&A

### SURFACE CASING

CSG SIZE: 9-5/8"  
GRADE:  
WEIGHT: 32.30#  
DEPTH LANDED: 228' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 200 sxs cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: K-55  
WEIGHT: 15.5#  
DEPTH LANDED: 5294' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 327 sxs cmt  
CEMENT TOP AT: 3820' per CBL



**Monument Fed. #22-12j**  
2017' FNL & 2098' FWL  
SENW Section 12-T9S-R16E  
Duchesne Co, Utah  
API #43-013-15796; Lease #U-096550

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-096550
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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 TRIBAL, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME: Greater Monument Butte
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: Monument Fed 22-12J
2. NAME OF OPERATOR: Scout Energy Management, LLC	9. API NUMBER: 43013157960100
3. ADDRESS OF OPERATOR: 13800 Montfort Drive, Suite 100 , Dallas , TX, 75240	PHONE NUMBER: 972-277-1397
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2017 FNL 2098 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 12 Township: 9S Range: 16E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE  COUNTY: DUCHESNE  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: 4/15/2024  <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 checked="" 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.  
 Scout Energy Management, LLC would like to plug and abandon the above mentioned well with the attached revised Wellbore diagram for BMSW data points received from BLM. Previous approved sundry #129051 on 2/27/24.

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

**Date:** March 06, 2024

**By:** Andrew Hoyer

NAME (PLEASE PRINT) Danene Harvey	PHONE NUMBER 972-325-1114	TITLE Sr. Regulatory Analyst
SIGNATURE N/A	DATE 3/4/2024	

Scout Energy Management, LLC

Mon Fed 22-12J-9-16

Date: 3/4/2024 revised

## Plug and Abandonment Procedure

### Well and Location Preparation:

1. Notify all regulatory agencies (UDOGM, BLM, & EPA) as per COA, prior to beginning any work. We will remain compliant to the guidelines outlined by the agencies at all times during operations.
2. Ensure that the location is prepped for the rig (deadman anchors tested within 2yrs, injection shed removed from location, well bled off).
3. We will want to ensure that tanks are on location prior to the job so that we are able to blow down the well.
4. Verify that the flow stream is free of H2S and does not require treatment with scavenger.

### Depths to Note: (see attached diagram)

- Surface Casing Shoe @ 228'
- TD of well @ 5300'
- Top of production cement @ 3820'.
- Max BMSW @ 1451 (per BLM data).
- Green River/Uinta contact @ 1563'.
- Trona Formation top @ 2682'.
- Top Perforation @ 4437'1563

### Workover Rig Procedures:

1. MIRU Workover rig.
2. **If production well**, blow down tbg & csg if necessary, flush down casing with hot wtr and 10 gal H2S Scavenger, pull pump off seat and flush tbg & rods with hot water and 10 gal H2S scavenger. TOOH and LD pump and rods.  
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  - f. **If circulating**, calculate cement volume to fill borehole-5.5" annular, including excess 10% due to open-hole, and leaving 100' of cement inside of the casing wellbore.
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  - h. **If not circulating**, spot 8 bbls above perms and pull up 100' above cement, circulate tubing clean, shut in BOP, begin squeezing 4 bbls out of casing and leaving 4 bbls inside casing (~150').
  - i. Shutdown 1 hr, tag cement w/ tbg to confirm plug held, TOOH laying down tubing to next plug.



# Monument Federal #22-12J-9-16

Spud Date: 7/05/94 (Re-entry)

Put on Production: 8/04/94

GL: 5503' KB: 5515'

Revised Proposed P&A

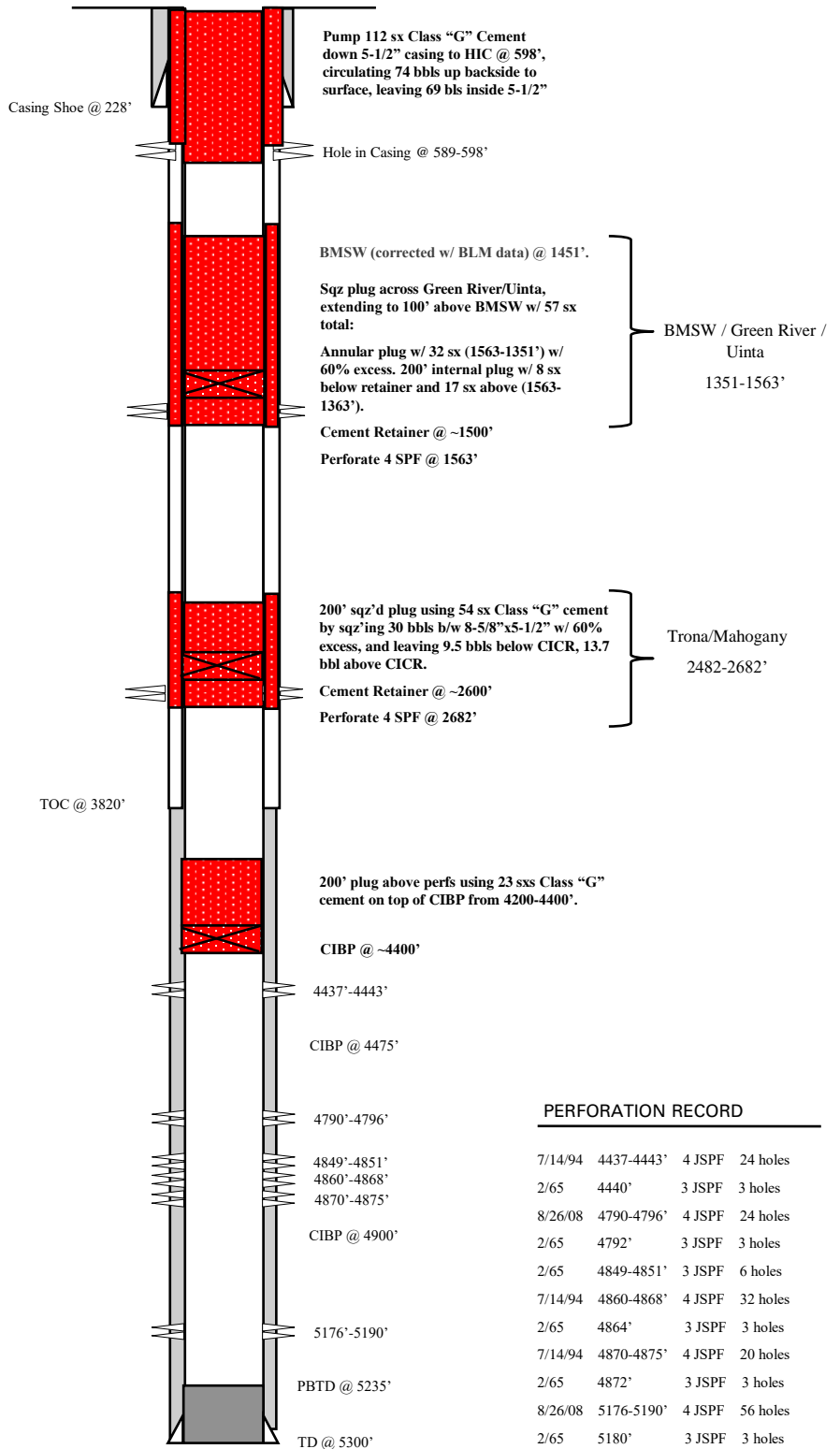
Initial Production: 12 BOPD,  
NM MCFD, 0 BWPD

## SURFACE CASING

CSG SIZE: 9-5/8"  
GRADE:  
WEIGHT: 32.30#  
DEPTH LANDED: 228' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 200 sxs cmt

## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: K-55  
WEIGHT: 15.5#  
DEPTH LANDED: 5294' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 327 sxs cmt  
CEMENT TOP AT: 3820' per CBL



**Monument Fed. #22-12j**  
2017' FNL & 2098' FWL  
SENW Section 12-T9S-R16E  
Duchesne Co, Utah  
API #43-013-15796; Lease #U-096550