API Well Number: 43047518770000

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

FORM 3

AMENDED REPORT ☑

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER
GMBU I-32-8-18

2. TYPE OF WORK
DRILL NEW WELL ◉ REENTER P&A WELL ○ DEEPEN WELL ○

3. FIELD OR WILDCAT
EIGHT MILE FLAT

4. TYPE OF WELL
Oil Well Coalbed Methane Well: NO

5. UNIT or COMMUNITIZATION AGREEMENT NAME
GMBU (GRRV)

6. NAME OF OPERATOR
NEWFIELD PRODUCTION COMPANY

7. OPERATOR PHONE
435 646-4825

8. ADDRESS OF OPERATOR
Rt 3 Box 3630 , Myton, UT, 84052

9. OPERATOR E-MAIL
mcrozier@newfield.com

10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)
ML-22058

11. MINERAL OWNERSHIP
FEDERAL ○ INDIAN ○ STATE ◉ FEE ○

12. SURFACE OWNERSHIP
FEDERAL ○ INDIAN ○ STATE ◉ FEE ○

13. NAME OF SURFACE OWNER (if box 12 = 'fee')

14. SURFACE OWNER PHONE (if box 12 = 'fee')

15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')

16. SURFACE OWNER E-MAIL (if box 12 = 'fee')

17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')

18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS
YES ○ (Submit Commingling Application) NO ◉

19. SLANT
VERTICAL ○ DIRECTIONAL ◉ HORIZONTAL ○

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	664 FNL 1838 FEL	NWNE	32	8.0 S	18.0 E	S
Top of Uppermost Producing Zone	1157 FNL 1353 FEL	NWNE	32	8.0 S	18.0 E	S
At Total Depth	1606 FNL 944 FEL	SENE	32	8.0 S	18.0 E	S

21. COUNTY
UINTAH

22. DISTANCE TO NEAREST LEASE LINE (Feet)
944

23. NUMBER OF ACRES IN DRILLING UNIT
20

25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)
765

26. PROPOSED DEPTH
MD: 6575 TVD: 6425

27. ELEVATION - GROUND LEVEL
4977

28. BOND NUMBER
B001834

29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE
437478

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
SURF	12.25	8.625	0 - 300	24.0	J-55 ST&C	8.3	Class G	138	1.17	15.8
PROD	7.875	5.5	0 - 6575	15.5	J-55 LT&C	8.3	Premium Lite High Strength	316	3.26	11.0
							50/50 Poz	363	1.24	14.3

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

- ☑ **WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER**
- ☑ **COMPLETE DRILLING PLAN**
- ☐ **AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)**
- ☐ **FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER**
- ☑ **DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)**
- ☑ **TOPOGRAPHICAL MAP**

NAME Mandie Crozier | **TITLE** Regulatory Tech | **PHONE** 435 646-4825

SIGNATURE | **DATE** 08/16/2011 | **EMAIL** mcrozier@newfield.com

API NUMBER ASSIGNED
43047518770000

APPROVAL
Permit Manager

RECEIVED: November 08, 2011

NEWFIELD PRODUCTION COMPANY
GMBU I-32-8-18
AT SURFACE: NW/NE SECTION 32, T8S, R18E
UINTAH COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 1640'
Green River	1640'
Wasatch	6290'
Proposed TD	6575'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation (Oil) 1640' – 6290'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO_3) (mg/l)
Dissolved Bicarbonate ($NaHCO_3$) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO_4) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

RECEIVED: August 16, 2011

4. *PROPOSED CASING PROGRAM*

a. Casing Design: GMBU I-32-8-18

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	300'	24.0	J-55	STC	2,950 17.53	1,370 14.35	244,000 33.89
Prod casing 5-1/2"	0'	6,575'	15.5	J-55	LTC	4,810 2.30	4,040 1.93	217,000 2.13

Assumptions:
1) Surface casing max anticipated surface press (MASP) = Frac gradient – gas gradient
2) Prod casing MASP (production mode) = Pore pressure – gas gradient
3) All collapse calculations assume fully evacuated casing w/ gas gradient
4) All tension calculations assume air weight

Frac gradient at surface casing shoe =	13.0 ppg
Pore pressure at surface casing shoe =	8.33 ppg
Pore pressure at prod casing shoe =	8.33 ppg
Gas gradient =	0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. Cementing Design: GMBU I-32-8-18

Job	Fill	Description	Sacks ft^3	OH Excess*	Weight (ppg)	Yield (ft^3/sk)
Surface casing	300'	Class G w/ 2% CaCl	138 161	30%	15.8	1.17
Prod casing Lead	4,575'	Prem Lite II w/ 10% gel + 3% KCl	316 1031	30%	11.0	3.26
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363 451	30%	14.3	1.24

*Actual volume pumped will be 15% over the caliper log
- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operator's minimum specifications for pressure control equipment are as follows:

RECEIVED: August 16, 2011

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to ±300 feet will be drilled with an air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ±300 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

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

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

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.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 300' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +-. A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

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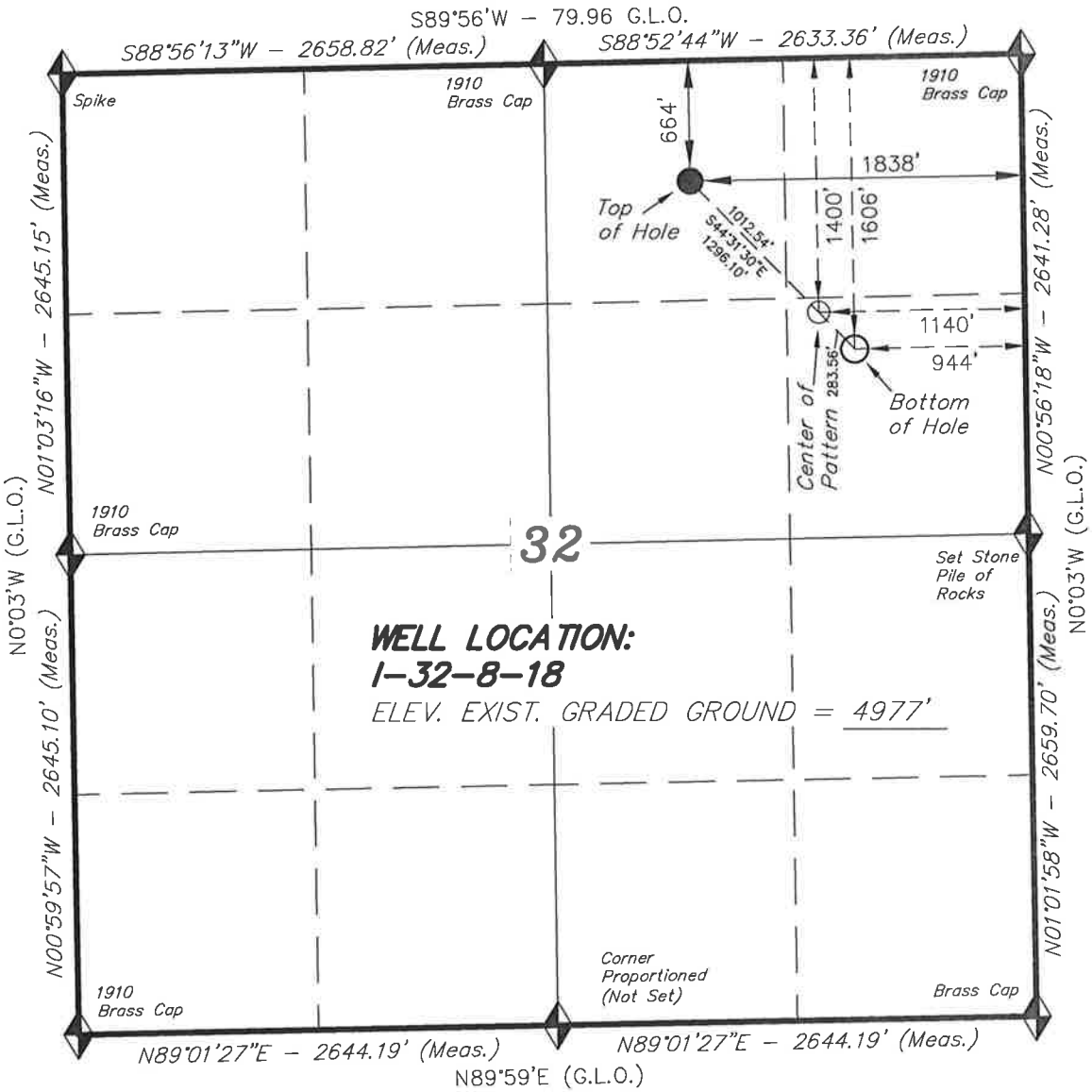
10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the fourth quarter of 2011, and take approximately seven (7) days from spud to rig release.

RECEIVED: August 16, 2011

API Well Number: 43047518770000

T8S, R18E, S.L.B.&M.



NEWFIELD EXPLORATION COMPANY

WELL LOCATION, I-32-8-18, LOCATED AS SHOWN IN THE NW 1/4 NE 1/4 OF SECTION 32, T8S, R18E, S.L.B.&M. UINTAH COUNTY, UTAH.

TARGET BOTTOM HOLE, I-32-8-18, LOCATED AS SHOWN IN THE SE 1/4 NE 1/4 OF SECTION 32, T8S, R18E, S.L.B.&M. UINTAH COUNTY, UTAH.

1000' 500' 0' 1000'

BAR SCALE

N

NOTES:

1. *Well footages are measured at right angles to the Section Lines.*
2. *Bearings are based on Global Positioning Satellite observations.*

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.

REGISTERED LAND SURVEYOR No.189377 08-05-11 STACY W. STEWART STATE OF UTAH

REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

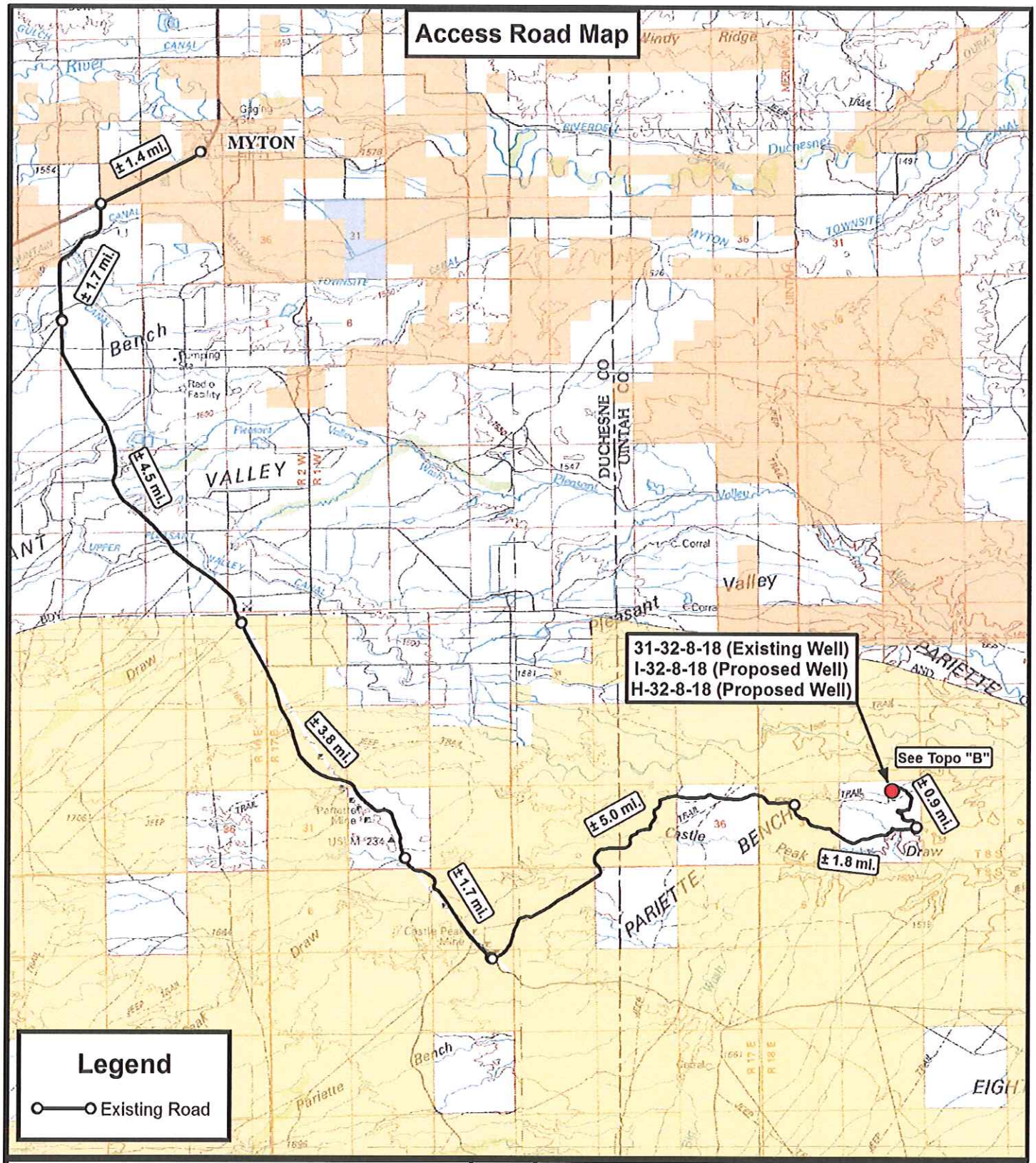
◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

I-32-8-18
(Surface Location) NAD 83
LATITUDE = 40° 04' 47.55"
LONGITUDE = 109° 54' 52.17"

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 06-21-11	SURVEYED BY: K.S.	VERSION:
DATE DRAWN: 08-05-11	DRAWN BY: F.T.M.	V1
REVISED:	SCALE: 1" = 1000'	



Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

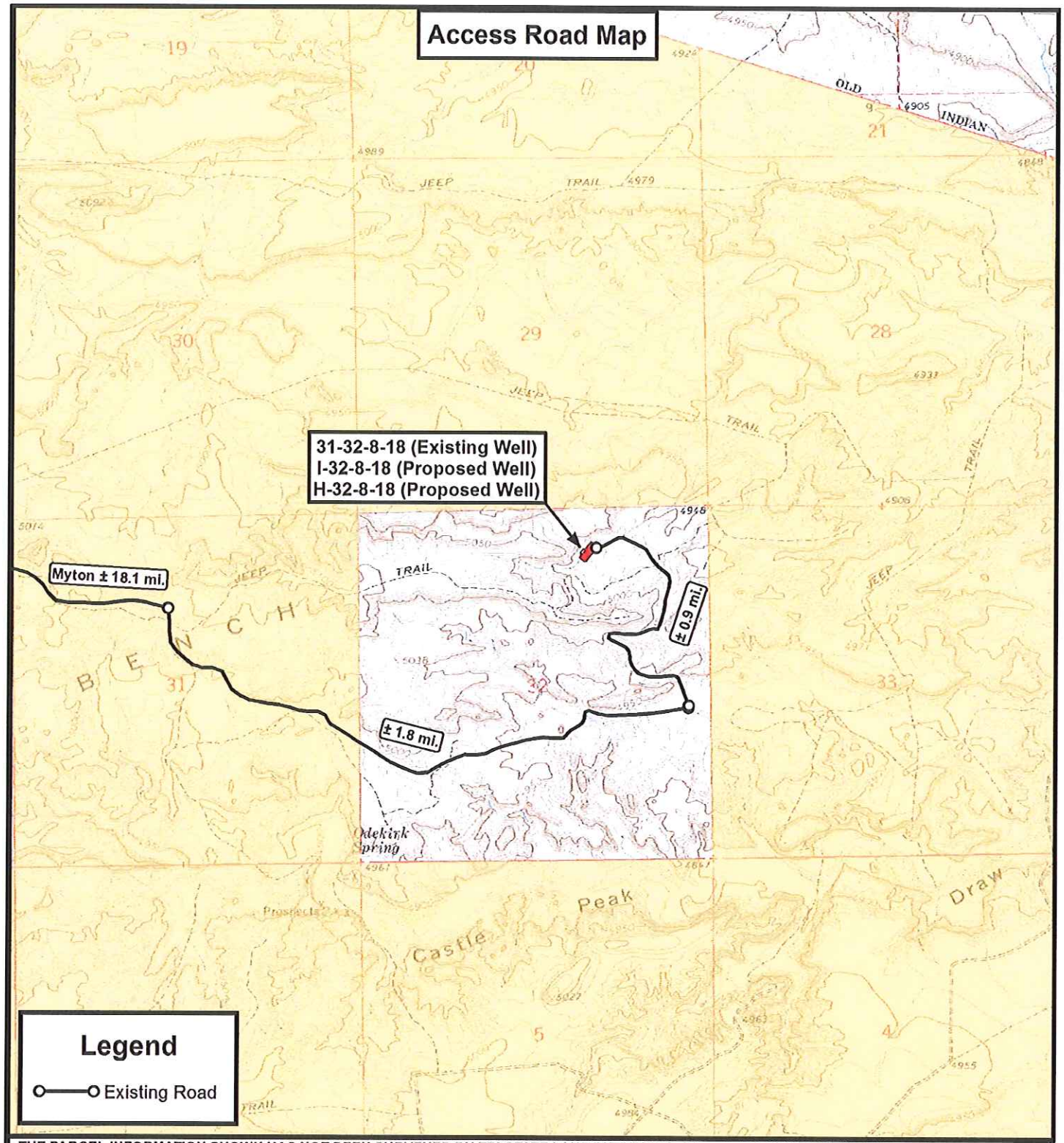
NEWFIELD EXPLORATION COMPANY

31-32-8-18 (Existing Well)
I-32-8-18 (Proposed Well)
H-32-8-18 (Proposed Well)
SEC. 32, T8S, R18E, S.L.B.&M. Uintah County, UT.

DRAWN BY:	C.H.M.	REVISED: 08-30-2011 A.P.C.	VERSION:
DATE:	08-03-2011		V2
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET A



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
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N

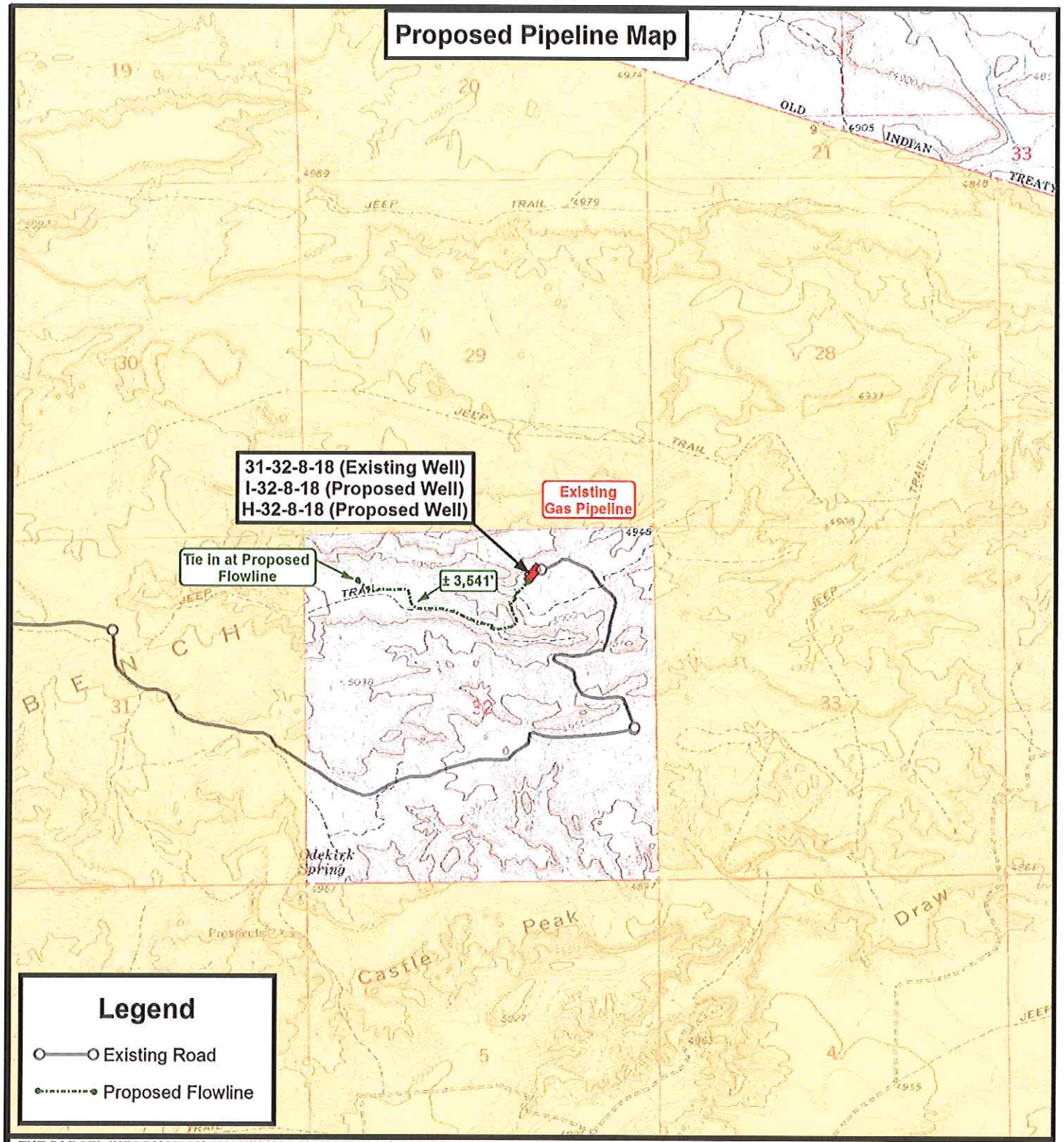
NEWFIELD EXPLORATION COMPANY

31-32-8-18 (Existing Well)
I-32-8-18 (Proposed Well)
H-32-8-18 (Proposed Well)
SEC. 32, T8S, R18E, S.L.B.&M. Uintah County, UT.

DRAWN BY:	C.H.M.	REVISED: 08-30-2011 A.P.C.	VERSION:
DATE:	08-03-2011		V2
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET B



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180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

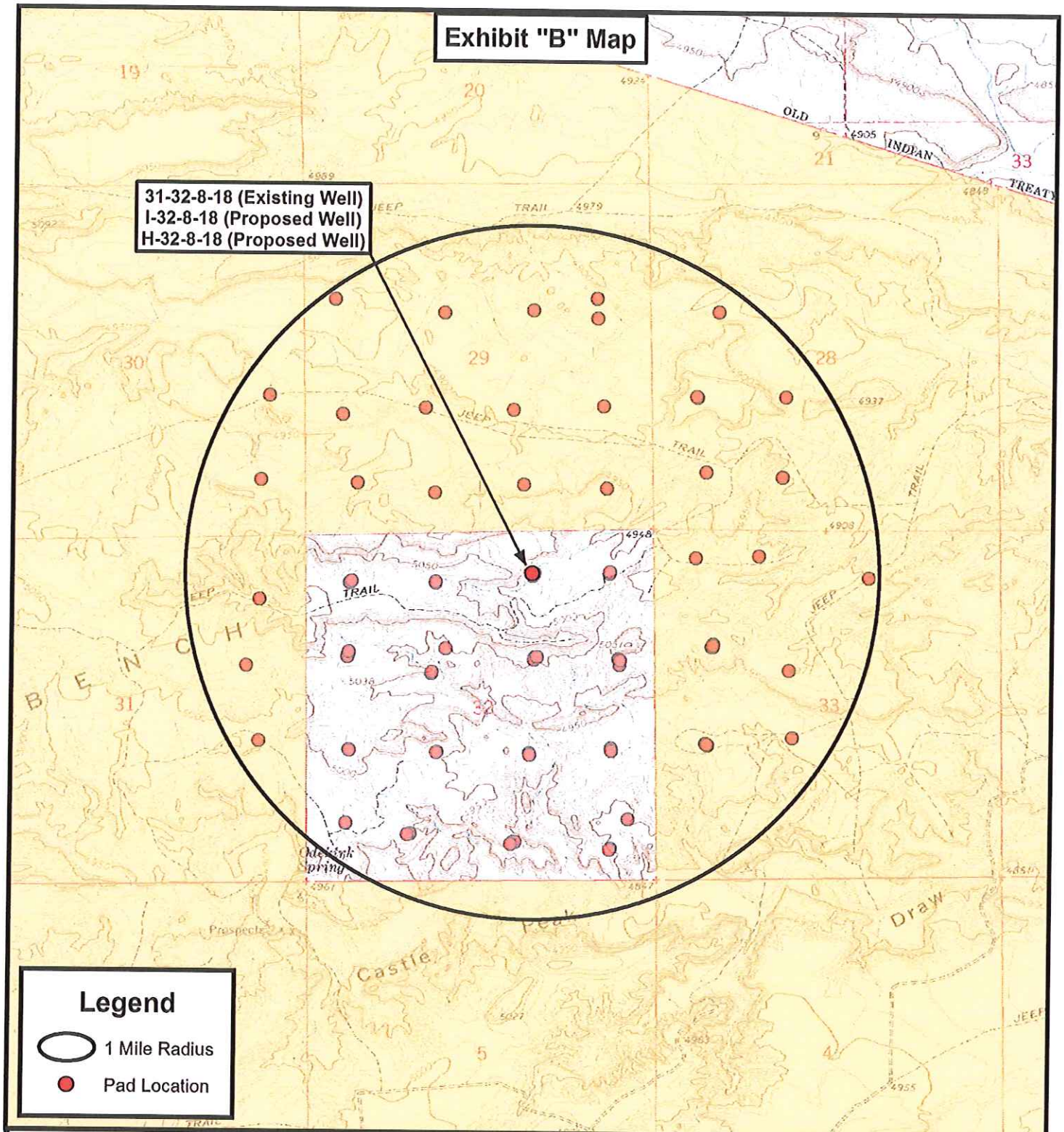
31-32-8-18 (Existing Well)
I-32-8-18 (Proposed Well)
H-32-8-18 (Proposed Well)
SEC. 32, T8S, R18E, S.L.B.&M. Uintah County, UT.

DRAWN BY:	C.H.M.	REVISED: 08-30-2011 A.P.C.	VERSION:
DATE:	08-03-2011		V2
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET C

API Well Number: 43047518770000



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N

NEWFIELD EXPLORATION COMPANY

31-32-8-18 (Existing Well)
I-32-8-18 (Proposed Well)
H-32-8-18 (Proposed Well)
SEC. 32, T8S, R18E, S.L.B.&M. Uintah County, UT.

DRAWN BY:	C.H.M.	REVISED: 08-30-2011 A.P.C.	VERSION:
DATE:	08-03-2011		V2
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET D

NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 32 T8, R18
I-32-8-18

Wellbore #1

Plan: Design #1

Standard Planning Report

21 July, 2011

RECEIVED: August 16, 2011

NEWFIELD

PayZone Directional Services, LLC.

Planning Report

PAYZONE DIRECTIONAL

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well I-32-8-18
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	I-32-8-18 @ 4989.0ft (Newfield Rig)
Project:	USGS Myton SW (UT)	**MD Reference:**	I-32-8-18 @ 4989.0ft (Newfield Rig)
Site:	SECTION 32 T8, R18	**North Reference:**	True
Well:	I-32-8-18	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site SECTION 32 T8, R18

Site Position:		**Northing:**	7,200,263.45 ft	**Latitude:**	40° 4' 35.740 N
From:	Lat/Long	**Easting:**	2,067,256.45 ft	**Longitude:**	109° 58' 28.340 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	0.98 °

Well I-32-8-18, SHL LAT: 40 04 47.55 LONG: -109 54 52.17

Well Position	**+N/-S**	1,189.3 ft	**Northing:**	7,201,750.41 ft	**Latitude:**	40° 4' 47.550 N
	+E/-W	16,802.7 ft	**Easting:**	2,084,035.37 ft	**Longitude:**	109° 54' 52.170 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	4,989.0 ft	**Ground Level:**	4,977.0 ft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2011/07/21	11.25	65.85	52,305

Design Design #1

Audit Notes:

Version:		**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	5,250.0	0.0	0.0	135.48

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,504.5	13.57	135.48	1,496.1	-76.0	74.7	1.50	1.50	0.00	135.48	
5,366.2	13.57	135.48	5,250.0	-721.9	710.0	0.00	0.00	0.00	0.00	I-32-8-18
6,574.9	13.57	135.48	6,425.0	-924.1	908.8	0.00	0.00	0.00	0.00	

RECEIVED: August 16, 2011

NEWFIELD

PayZone Directional Services, LLC.

Planning Report

PAYZONE DIRECTIONAL

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well I-32-8-18
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	I-32-8-18 @ 4989.0ft (Newfield Rig)
Project:	USGS Myton SW (UT)	**MD Reference:**	I-32-8-18 @ 4989.0ft (Newfield Rig)
Site:	SECTION 32 T8, R18	**North Reference:**	True
Well:	I-32-8-18	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
Start Build 1.50									
700.0	1.50	135.48	700.0	-0.9	0.9	1.3	1.50	1.50	0.00
800.0	3.00	135.48	799.9	-3.7	3.7	5.2	1.50	1.50	0.00
900.0	4.50	135.48	899.7	-8.4	8.3	11.8	1.50	1.50	0.00
1,000.0	6.00	135.48	999.3	-14.9	14.7	20.9	1.50	1.50	0.00
1,100.0	7.50	135.48	1,098.6	-23.3	22.9	32.7	1.50	1.50	0.00
1,200.0	9.00	135.48	1,197.5	-33.5	33.0	47.0	1.50	1.50	0.00
1,300.0	10.50	135.48	1,296.1	-45.6	44.8	64.0	1.50	1.50	0.00
1,400.0	12.00	135.48	1,394.2	-59.5	58.5	83.5	1.50	1.50	0.00
1,504.5	13.57	135.48	1,496.1	-76.0	74.7	106.6	1.50	1.50	0.00
Start 3861.7 hold at 1504.5 MD									
1,600.0	13.57	135.48	1,588.9	-92.0	90.4	129.0	0.00	0.00	0.00
1,700.0	13.57	135.48	1,686.1	-108.7	106.9	152.5	0.00	0.00	0.00
1,800.0	13.57	135.48	1,783.3	-125.4	123.3	175.9	0.00	0.00	0.00
1,900.0	13.57	135.48	1,880.5	-142.2	139.8	199.4	0.00	0.00	0.00
2,000.0	13.57	135.48	1,977.7	-158.9	156.2	222.8	0.00	0.00	0.00
2,100.0	13.57	135.48	2,075.0	-175.6	172.7	246.3	0.00	0.00	0.00
2,200.0	13.57	135.48	2,172.2	-192.3	189.1	269.8	0.00	0.00	0.00
2,300.0	13.57	135.48	2,269.4	-209.1	205.6	293.2	0.00	0.00	0.00
2,400.0	13.57	135.48	2,366.6	-225.8	222.0	316.7	0.00	0.00	0.00
2,500.0	13.57	135.48	2,463.8	-242.5	238.5	340.1	0.00	0.00	0.00
2,600.0	13.57	135.48	2,561.0	-259.2	254.9	363.6	0.00	0.00	0.00
2,700.0	13.57	135.48	2,658.2	-276.0	271.4	387.1	0.00	0.00	0.00
2,800.0	13.57	135.48	2,755.4	-292.7	287.8	410.5	0.00	0.00	0.00
2,900.0	13.57	135.48	2,852.6	-309.4	304.3	434.0	0.00	0.00	0.00
3,000.0	13.57	135.48	2,949.8	-326.2	320.7	457.4	0.00	0.00	0.00
3,100.0	13.57	135.48	3,047.0	-342.9	337.2	480.9	0.00	0.00	0.00
3,200.0	13.57	135.48	3,144.3	-359.6	353.6	504.4	0.00	0.00	0.00
3,300.0	13.57	135.48	3,241.5	-376.3	370.1	527.8	0.00	0.00	0.00
3,400.0	13.57	135.48	3,338.7	-393.1	386.5	551.3	0.00	0.00	0.00
3,500.0	13.57	135.48	3,435.9	-409.8	403.0	574.7	0.00	0.00	0.00
3,600.0	13.57	135.48	3,533.1	-426.5	419.4	598.2	0.00	0.00	0.00
3,700.0	13.57	135.48	3,630.3	-443.2	435.9	621.7	0.00	0.00	0.00
3,800.0	13.57	135.48	3,727.5	-460.0	452.3	645.1	0.00	0.00	0.00
3,900.0	13.57	135.48	3,824.7	-476.7	468.8	668.6	0.00	0.00	0.00
4,000.0	13.57	135.48	3,921.9	-493.4	485.2	692.0	0.00	0.00	0.00
4,100.0	13.57	135.48	4,019.1	-510.1	501.7	715.5	0.00	0.00	0.00
4,200.0	13.57	135.48	4,116.3	-526.9	518.1	739.0	0.00	0.00	0.00
4,300.0	13.57	135.48	4,213.6	-543.6	534.6	762.4	0.00	0.00	0.00
4,400.0	13.57	135.48	4,310.8	-560.3	551.0	785.9	0.00	0.00	0.00
4,500.0	13.57	135.48	4,408.0	-577.1	567.5	809.3	0.00	0.00	0.00
4,600.0	13.57	135.48	4,505.2	-593.8	583.9	832.8	0.00	0.00	0.00
4,700.0	13.57	135.48	4,602.4	-610.5	600.4	856.3	0.00	0.00	0.00
4,800.0	13.57	135.48	4,699.6	-627.2	616.8	879.7	0.00	0.00	0.00
4,900.0	13.57	135.48	4,796.8	-644.0	633.3	903.2	0.00	0.00	0.00
5,000.0	13.57	135.48	4,894.0	-660.7	649.7	926.6	0.00	0.00	0.00
5,100.0	13.57	135.48	4,991.2	-677.4	666.2	950.1	0.00	0.00	0.00

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NEWFIELD

PayZone Directional Services, LLC.

Planning Report

PAYZONE DIRECTIONAL

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well I-32-8-18
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	I-32-8-18 @ 4989.0ft (Newfield Rig)
Project:	USGS Myton SW (UT)	**MD Reference:**	I-32-8-18 @ 4989.0ft (Newfield Rig)
Site:	SECTION 32 T8, R18	**North Reference:**	True
Well:	I-32-8-18	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,200.0	13.57	135.48	5,088.4	-694.1	682.6	973.5	0.00	0.00	0.00
5,300.0	13.57	135.48	5,185.6	-710.9	699.1	997.0	0.00	0.00	0.00
5,366.2	13.57	135.48	5,250.0	-721.9	710.0	1,012.5	0.00	0.00	0.00
Start 1208.7 hold at 5366.2 MD									
5,400.0	13.57	135.48	5,282.9	-727.6	715.5	1,020.5	0.00	0.00	0.00
5,500.0	13.57	135.48	5,380.1	-744.3	732.0	1,043.9	0.00	0.00	0.00
5,600.0	13.57	135.48	5,477.3	-761.1	748.4	1,067.4	0.00	0.00	0.00
5,700.0	13.57	135.48	5,574.5	-777.8	764.9	1,090.8	0.00	0.00	0.00
5,800.0	13.57	135.48	5,671.7	-794.5	781.3	1,114.3	0.00	0.00	0.00
5,900.0	13.57	135.48	5,768.9	-811.2	797.8	1,137.8	0.00	0.00	0.00
6,000.0	13.57	135.48	5,866.1	-828.0	814.2	1,161.2	0.00	0.00	0.00
6,100.0	13.57	135.48	5,963.3	-844.7	830.7	1,184.7	0.00	0.00	0.00
6,200.0	13.57	135.48	6,060.5	-861.4	847.1	1,208.1	0.00	0.00	0.00
6,300.0	13.57	135.48	6,157.7	-878.1	863.6	1,231.6	0.00	0.00	0.00
6,400.0	13.57	135.48	6,254.9	-894.9	880.0	1,255.1	0.00	0.00	0.00
6,500.0	13.57	135.48	6,352.2	-911.6	896.5	1,278.5	0.00	0.00	0.00
6,574.9	13.57	135.48	6,425.0	-924.1	908.8	1,296.1	0.00	0.00	0.00
TD at 6574.9									

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
600.0	600.0	0.0	0.0	Start Build 1.50
1,504.5	1,496.1	-76.0	74.7	Start 3861.7 hold at 1504.5 MD
5,366.2	5,250.0	-721.9	710.0	Start 1208.7 hold at 5366.2 MD
6,574.9	6,425.0	-924.1	908.8	TD at 6574.9

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API Well Number: 43047518770000

NEWFIELD

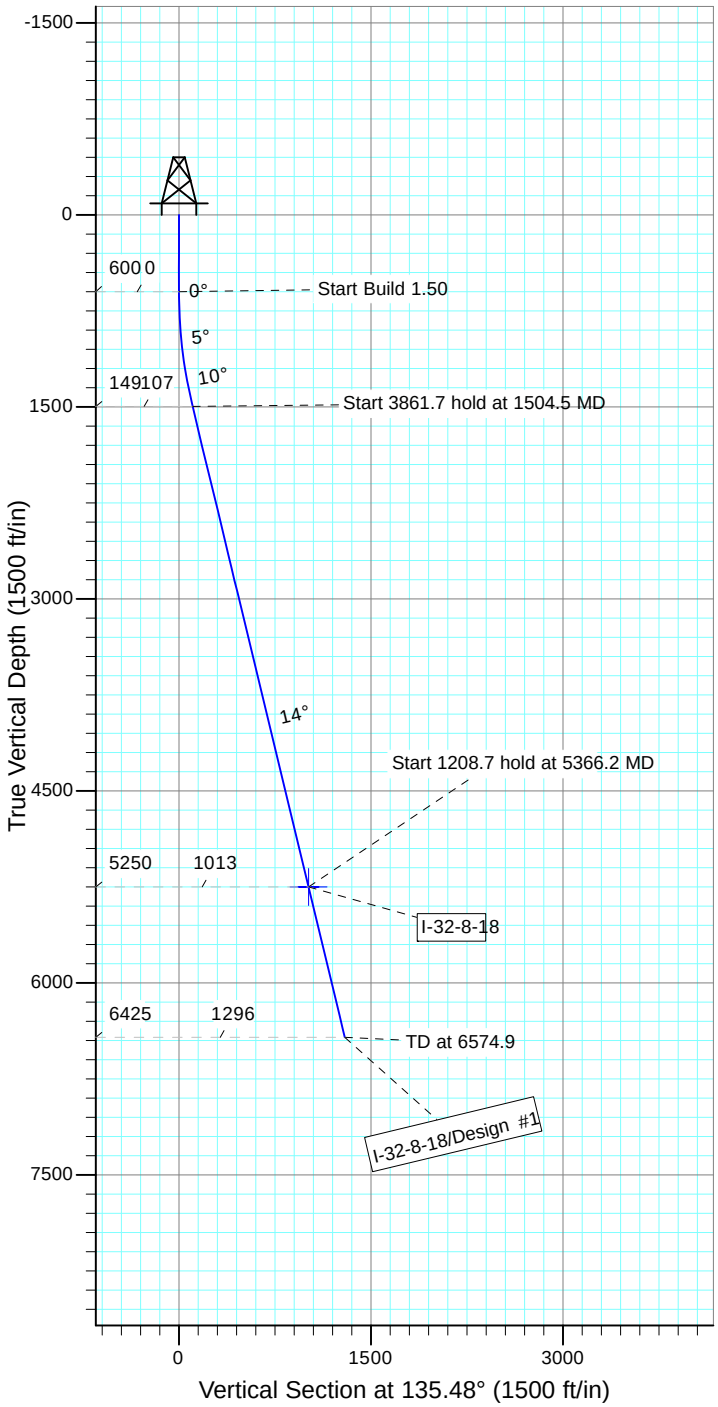
Project: USGS Myton SW (UT)
Site: SECTION 32 T8, R18
Well: I-32-8-18
Wellbore: Wellbore #1
Design: Design #1

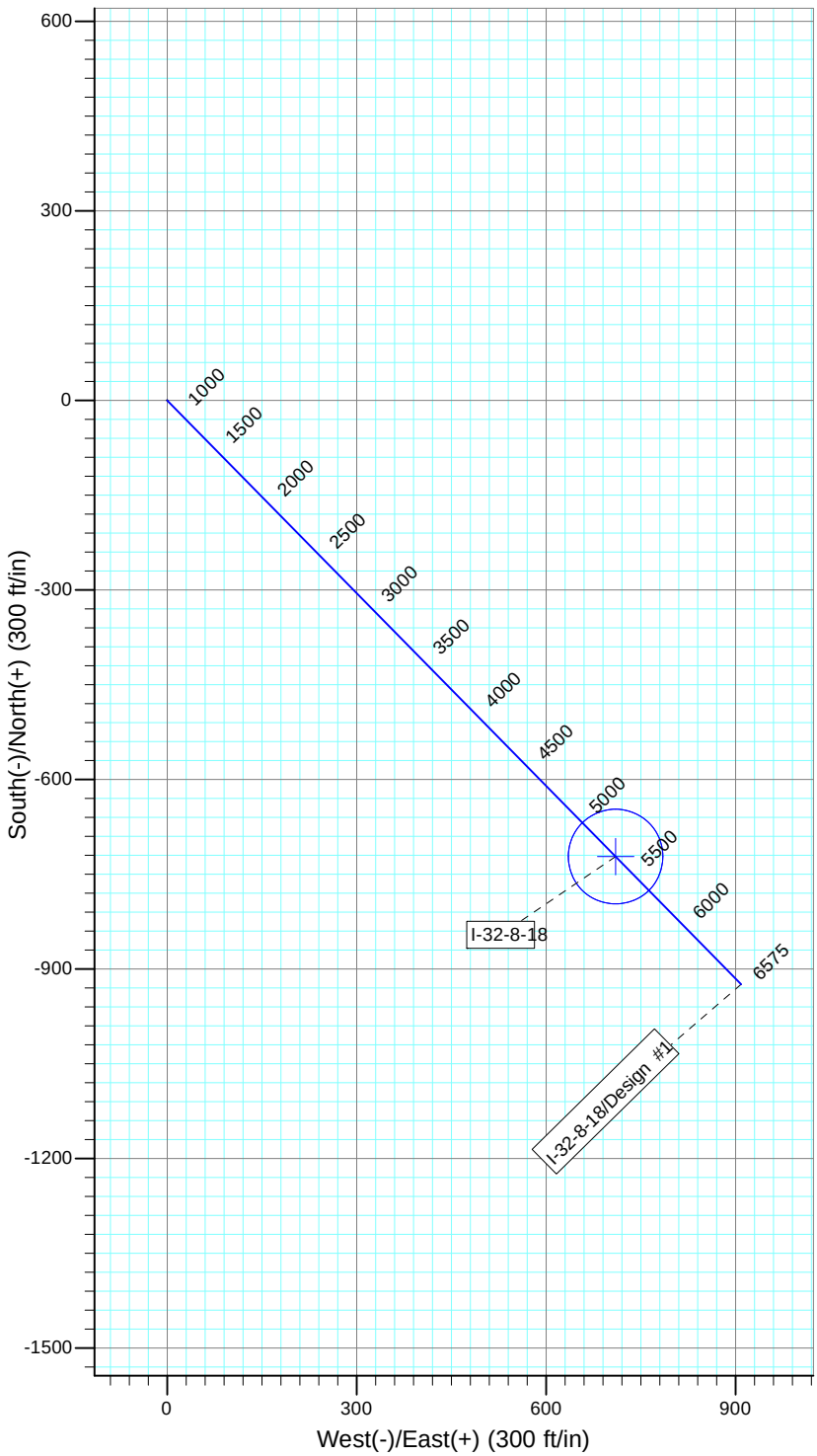
T M

Azimuths to True North
Magnetic North: 11.25°

Magnetic Field
Strength: 52304.8snT
Dip Angle: 65.85°
Date: 2011/07/21
Model: IGRF2010

KOP @ 600'
DOGLEG RATE 1.5 DEG/100
TARGET RADIUS IS 75'





WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
I-32-8-18	5250.0	-721.9	710.0	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1504.5	13.57	135.48	1496.1	-76.0	74.7	1.50	135.48	106.6	
4	5366.2	13.57	135.48	5250.0	-721.9	710.0	0.00	0.00	1012.5	I-32-8-18
5	6574.9	13.57	135.48	6425.0	-924.1	908.8	0.00	0.00	1296.1	

PAYZONE DIRECTIONAL

NEWFIELD PRODUCTION COMPANY
GMBU I-32-8-18
AT SURFACE: NW/NE SECTION 32, T8S, R18E
UINTAH COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site GMBU I-32-8-18 located in the NW 1/4 NE 1/4 Section 32, T8S, R18E, Uintah County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles ± to the junction of this highway and UT State Hwy 53; proceed southeasterly – 11.7 miles ± to it's junction with an existing road to the northeast; proceed northeasterly – 6.8 miles ± to it's junction with an existing road to the northwest; proceed in a northwesterly direction – 0.9 miles ± to the existing 31-32-8-18 well pad.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal. Any necessary fill material for repair will be purchase and hauled from private sources.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionaly off of the existing 31-32-8-18 well pad. See attached **Topographic Map "B"**.

There will be **no** culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

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Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck from nearest water source as determined by a Newfield representative for the purpose of drilling the above mentioned well. The available water sources are as follows:

Johnson Water District
Water Right : 43-10136

Maurice Harvey Pond
Water Right: 47-1358

Neil Moon Pond
Water Right: 43-11787

Newfield Collector Well
Water Right: 47-1817 (A30414DVA, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. METHODS FOR HANDLING WASTE DISPOSAL

A small reserve pit (90’ x 40’ x 8’ deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

8. ANCILLARY FACILITIES

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There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. ***WELL SITE LAYOUT***

See attached Location Layout Sheet.

Fencing Requirements

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

a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.

b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.

c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times

d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.

e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM specifications.

10. **PLANS FOR RESTORATION OF SURFACE**:

a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. ***SURFACE OWNERSHIP*** – State of Utah.

11. ***OTHER ADDITIONAL INFORMATION :***

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #01-177, 11/14/01. Paleontological Resource Survey prepared by, Wade Miller, 9/6/11. See attached report cover pages, Exhibit “D”.

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Surface Flow Line
Newfield requests 3,541' of surface flow line be granted. The Surface Flow Line will consist of up to a 14" bundled pipe consisting of 2-2" poly glycol lines and 1-3" production line. For all new wells, Newfield. **Refer to Topographic Map "C"** for the proposed location of the proposed flow line. Flow lines will be tan and will be constructed using the following procedures:

Clearing and Grading: No clearing or grading of the ROW will be required. The centerline of the proposed route will be staked prior to installation. Flow lines shall be placed as close to existing roads as possible without interfering with normal road travel or road maintenance activities. Due to the proximity of existing facilities, no temporary use or construction/storage areas are anticipated. If necessary, temporary use or construction/storage areas will be identified on a topographic map included in the approved permit.

Installation: The proposed flow lines will be installed 4-6" above the ground. For portions along existing two-track and primary access roads, lengths of pipe will be strung out in the borrow ditch, welded together, and rolled or dragged into place with heavy equipment. For pipelines that are installed cross-country (not along existing or proposed roads), travel along the lines will be infrequent and for maintenance needs only. No installation activities will be performed during periods when the soil is too wet to adequately support installation equipment. If such equipment creates ruts in excess of three (3) inches deep, the soil will be deemed too wet to adequately support the equipment.

Termination and Final Reclamation: After abandonment of the associated production facilities, the flow lines will be cut and removed, and any incidental surface disturbance reclaimed. Reclamation procedures will follow those outlined in the Castle Peak and Eight Mile Flat Reclamation and Weed Management Plan.

a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.

b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.

c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities

Water Disposal
After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project. Water not meeting quality criteria, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.

Additional Surface Stipulations
All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

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Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the GMBU I-32-8-18, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the GMBU I-32-8-18, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

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

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

13. **LESSEE'S OR OPERATOR'S REPRENSENTATIVE AND CERTIFICATION:**

Representative

Name: Tim Eaton

Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification
Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #I-32-8-18, Section 32, Township 8S, Range 18E: Lease ML-22058 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #B001834.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production 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 the 18 U.S.C. 1001 for the filing of a false statement.

9/12/11
Date

Mandie Crozier
Digitally signed by Mandie Crozier
DN: cn=Mandie Crozier, o=Newfield Production, ou, email=mcrozier@newfield.com, c=US
Date: 2011.09.12 16:09:15 -06'00'

Mandie Crozier
Regulatory Analyst
Newfield Production Company

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2-M SYSTEM

Blowout Prevention Equipment Systems

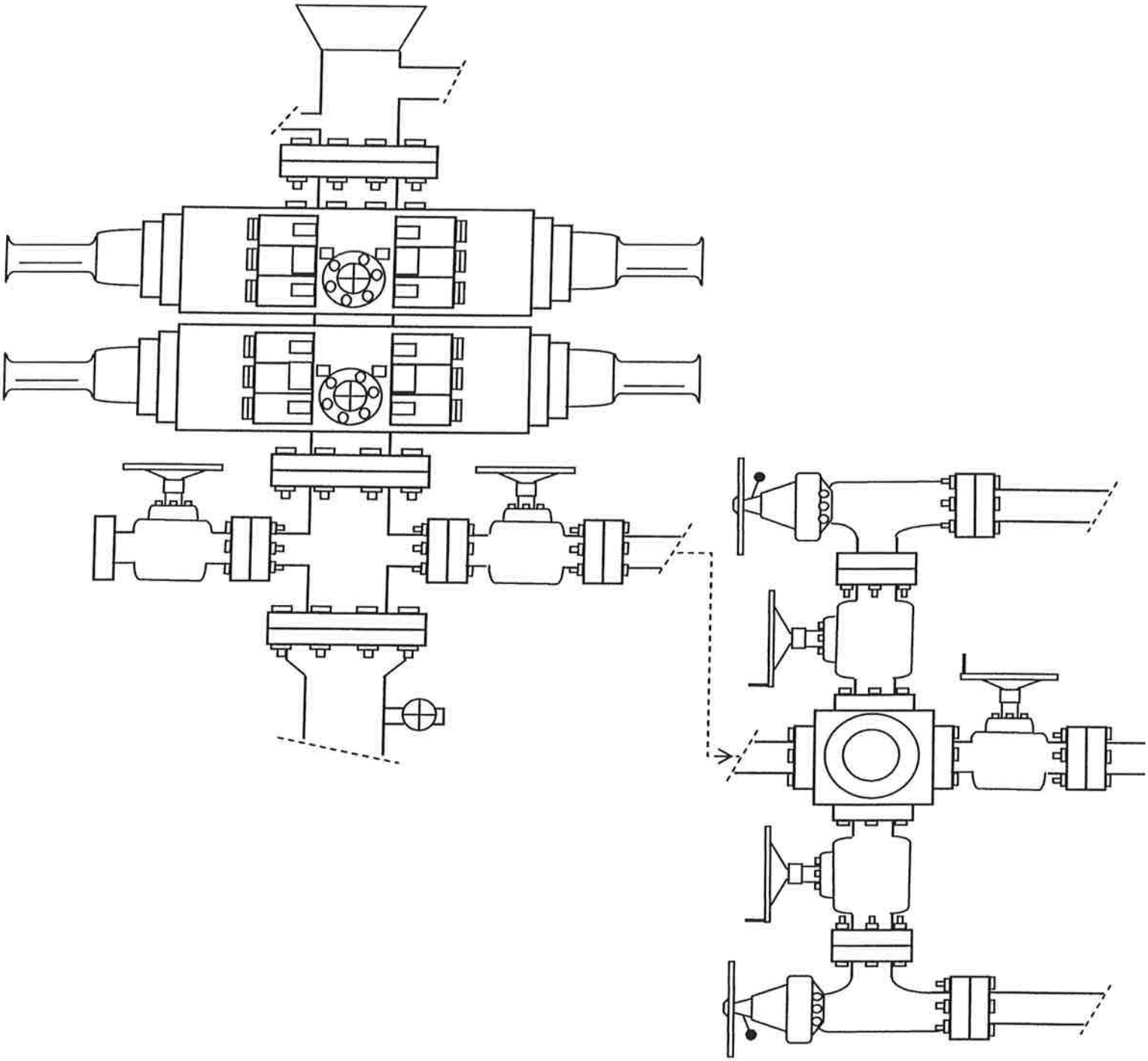


EXHIBIT C

NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

31-32-8-18 (Existing Well)
I-32-8-18 (Proposed Well)
H-32-8-18 (Proposed Well)

Pad Location: NWNE Section 32, T8S, R18E, S.L.B.&M.

N

TOP HOLE FOOTAGES

I-32-8-18 (PROPOSED)
664' FNL & 1838' FEL

H-32-8-18 (PROPOSED)
685' FNL & 1835' FEL

CENTER OF PATTERN FOOTAGES

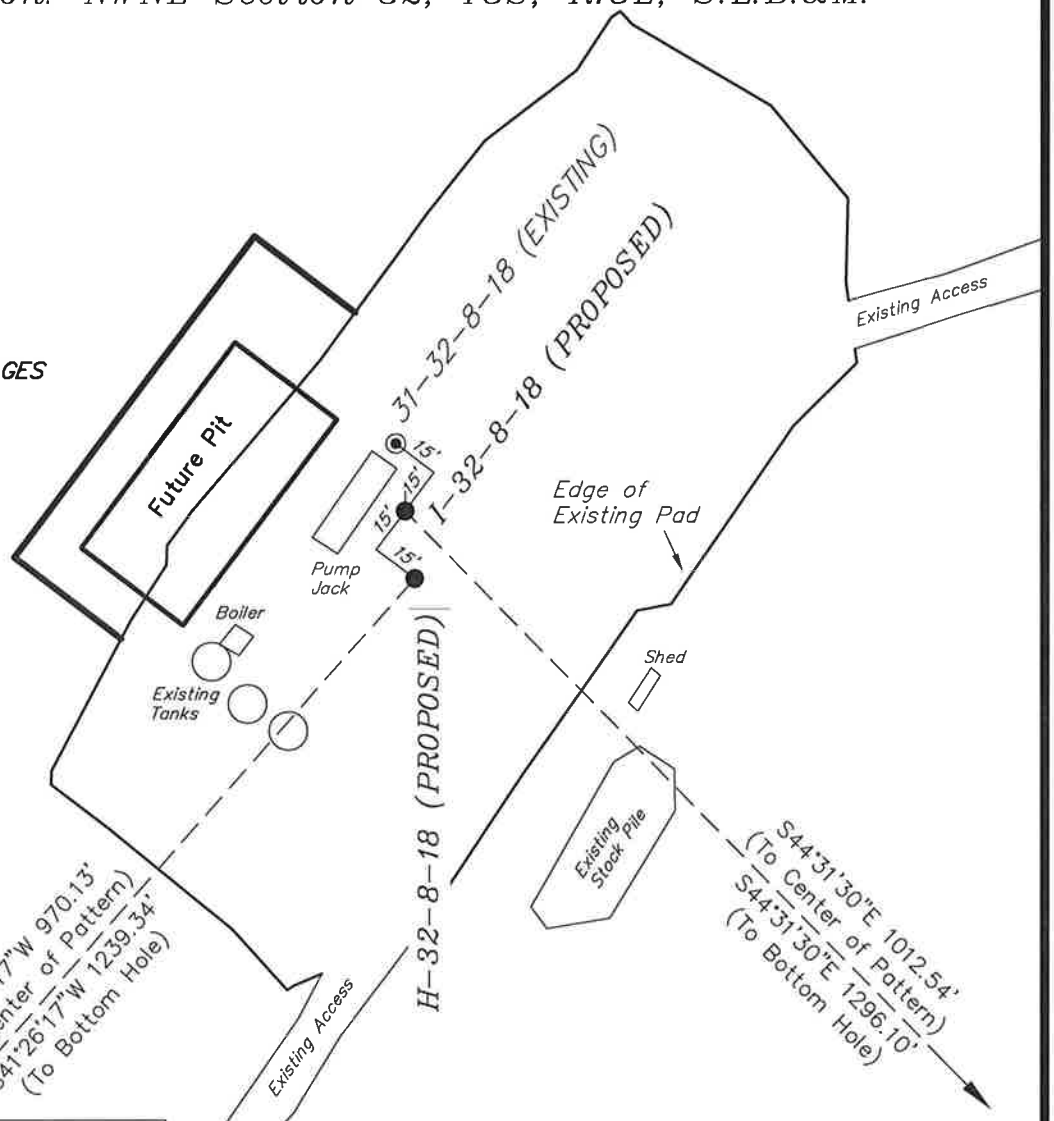
I-32-8-18 (PROPOSED)
1400' FNL & 1140' FEL

H-32-8-18 (PROPOSED)
1400' FNL & 2800' FWL

BOTTOM HOLE FOOTAGES

I-32-8-18 (PROPOSED)
1606' FNL & 944' FEL

H-32-8-18 (PROPOSED)
1598' FNL & 2618' FWL



RELATIVE COORDINATES
From Top Hole to C.O.P.

WELL	NORTH	EAST
I-32-8-18	-722'	710'
H-32-8-18	-727'	-642'

RELATIVE COORDINATES
From Top Hole to Bottom Hole

WELL	NORTH	EAST
I-32-8-18	-924'	909'
H-32-8-18	-929'	-820'

Note:
Bearings are based on GPS Observations.

LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
I-32-8-18	40° 04' 47.55"	109° 54' 52.17"
H-32-8-18	40° 04' 47.34"	109° 54' 52.14"
31-32-8-18	40° 04' 47.76"	109° 54' 52.21"

SURVEYED BY: K.S.	DATE SURVEYED: 06-21-11	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 08-05-11	V1	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED:		

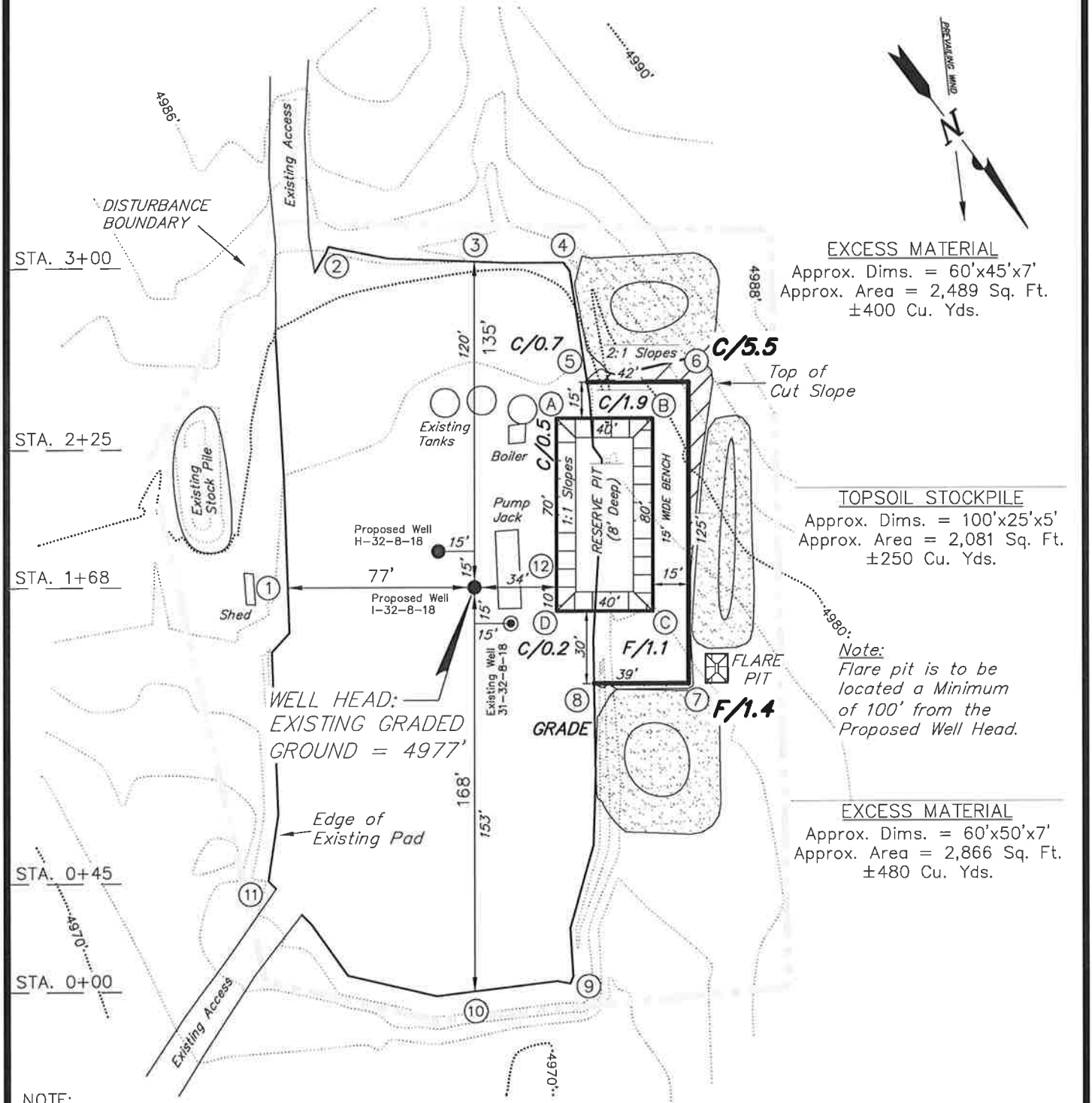
API Well Number: 43047518770000

NEWFIELD EXPLORATION COMPANY

LOCATION LAYOUT

31-32-8-18 (Existing Well)
I-32-8-18 (Proposed Well)
H-32-8-18 (Proposed Well)

Pad Location: NWNE Section 32, T8S, R18E, S.L.B.&M.



NOTE:
The topsoil & excess material areas are calculated as being mounds containing 1,130 cubic yards of dirt (a 10% fluff factor is included). The mound areas are calculated with push slopes of 1.5:1 & fall slopes of 1.5:1.

Note:
Topsoil to be Stripped From All New Construction Areas and Proposed Stock Pile Locations

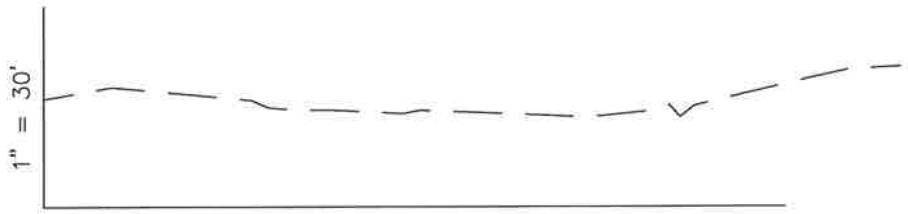
SURVEYED BY: K.S.	DATE SURVEYED: 06-21-11	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 08-05-11	V1	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED:		

NEWFIELD EXPLORATION COMPANY

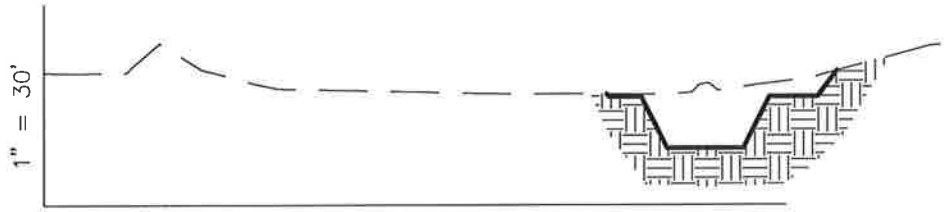
CROSS SECTIONS

31-32-8-18 (Existing Well)
I-32-8-18 (Proposed Well)
H-32-8-18 (Proposed Well)

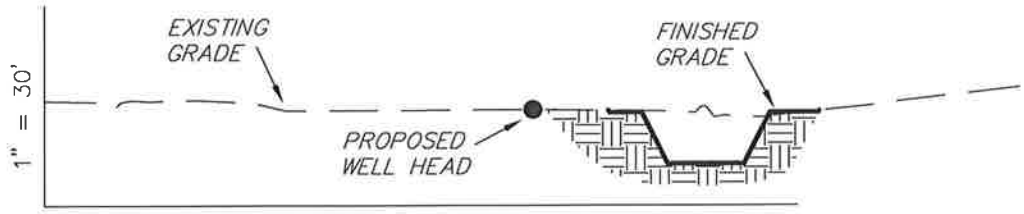
Pad Location: NWNE Section 32, T8S, R18E, S.L.B.&M.



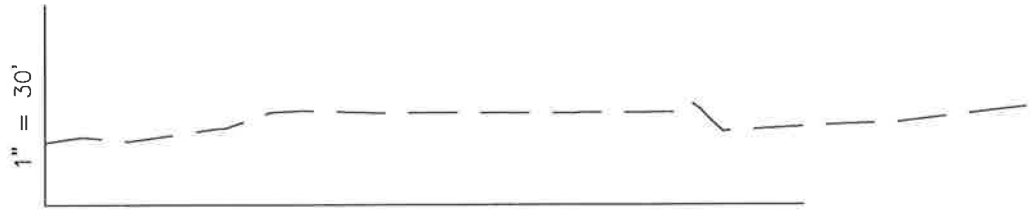
STA. 3+00



STA. 2+25



STA. 1+68



STA. 0+45

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	160	50	Topsoil is not included in Pad Cut	110
PIT	690	0		690
TOTALS	850	50	230	800

NOTE:
UNLESS OTHERWISE
NOTED ALL CUT/FILL
SLOPES ARE AT 1.5:1

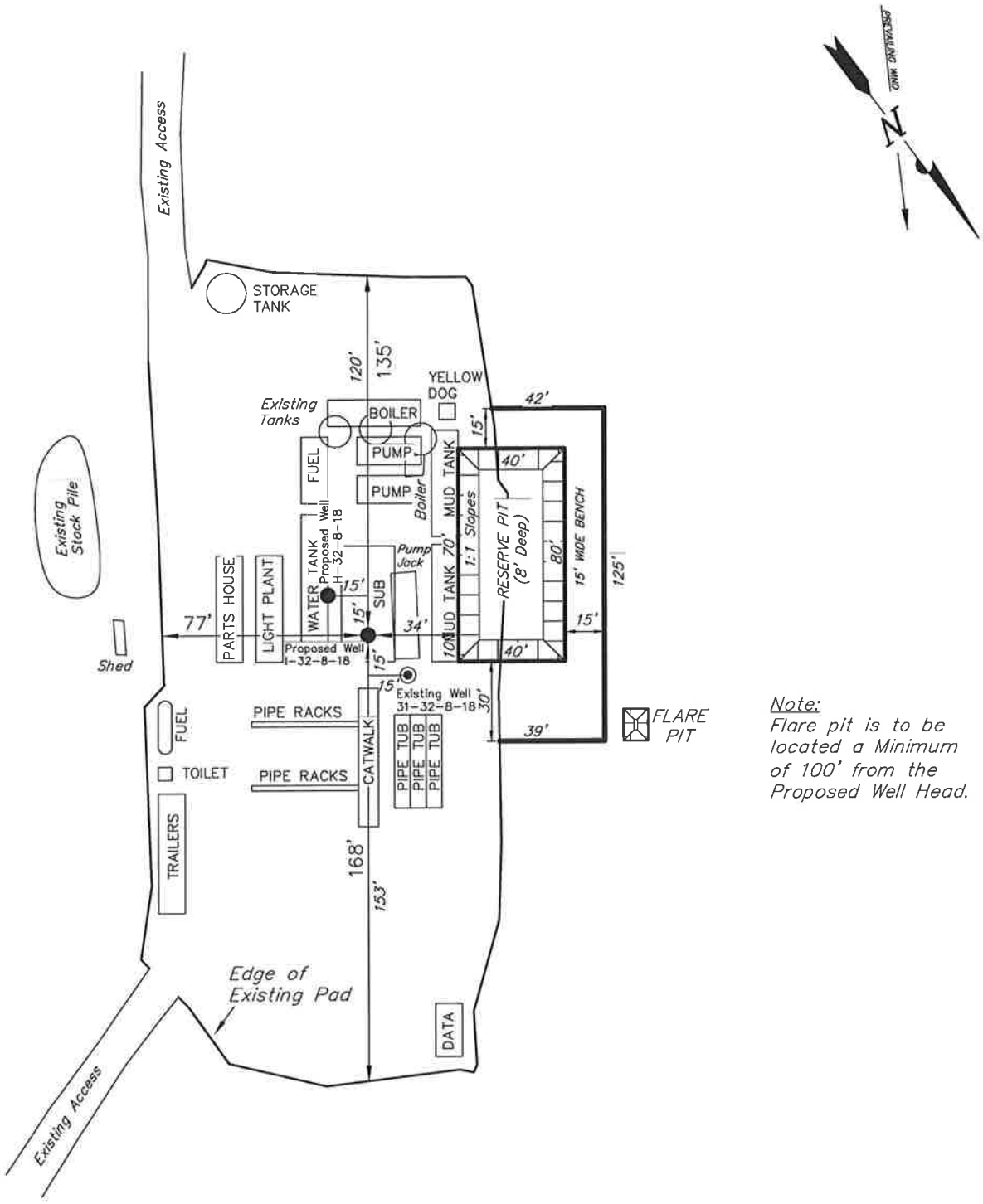
SURVEYED BY: K.S.	DATE SURVEYED: 06-21-11	VERSION:	Tri State Land Surveying, Inc.	(435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 08-05-11	V1	180 NORTH VERNAL AVE. VERNAL, UTAH 84078	
SCALE: 1" = 60'	REVISED:			

NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT

31-32-8-18 (Existing Well)
I-32-8-18 (Proposed Well)
H-32-8-18 (Proposed Well)

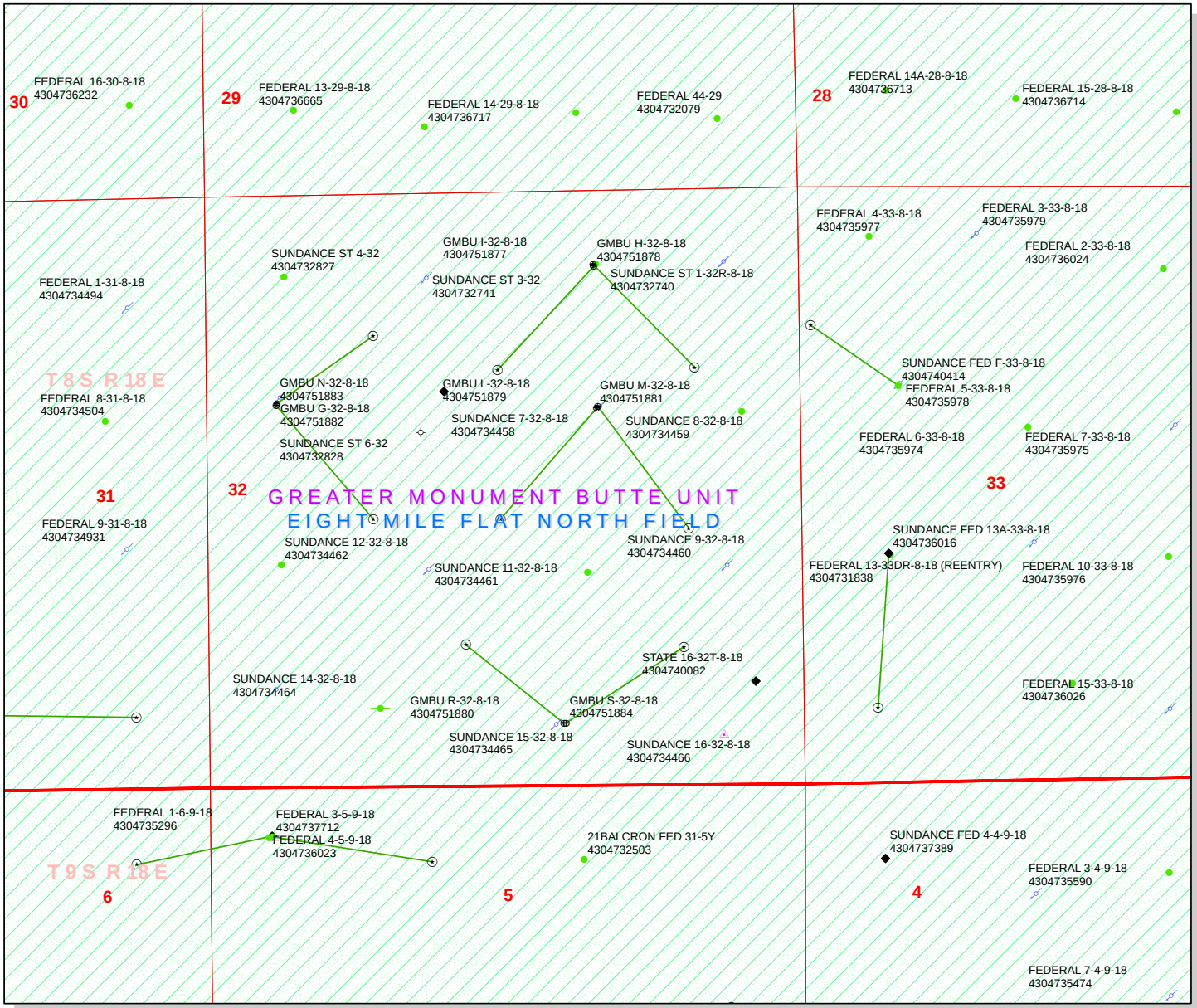
Pad Location: NWNE Section 32, T8S, R18E, S.L.B.&M.



Note:
Flare pit is to be located a Minimum of 100' from the Proposed Well Head.

SURVEYED BY: K.S.	DATE SURVEYED: 06-21-11	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 08-05-11	V1	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED:		

API Well Number: 43047518770000



API Number: 4304751877

Well Name: GMBU I-32-8-18

Township T0.8 . Range R1.8 . Section 32

Meridian: SLBM

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
ACTIVE
EXPLORATORY
GAS STORAGE
NF PP OIL
NF SECONDARY
PI OIL
PP GAS
PP GEOTHERML
PP OIL
SECONDARY
TERMINATED

Fields
STATUS
Unknown
ABANDONED
ACTIVE
COMBINED
INACTIVE
STORAGE
TERMINATED
Sections
Township

Wells Query
Status
APD - Aproved Permit
DRL - Spuded (Drilling Commenced)
GIW - Gas Injection
GS - Gas Storage
LA - Location Abandoned
LOC - New Location
OPS - Operation Suspended
PA - Plugged 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
WIW - Water Injection Well
WSW - Water Supply Well

1,200 600 0 1,200 Feet

1:11,096

RECEIVED: August 18, 2011

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

August 19, 2011

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2011 Plan of Development Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2011 within the Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-047-51877	GMBU I-32-8-18	Sec 32 T08S R18E 0664 FNL 1838 FEL
		BHL Sec 32 T08S R18E 1606 FNL 0944 FEL
43-047-51878	GMBU H-32-8-18	Sec 32 T08S R18E 0685 FNL 1835 FEL
		BHL Sec 32 T08S R18E 1598 FNL 2618 FWL
43-047-51879	GMBU L-32-8-18	Sec 32 T08S R18E 1938 FNL 1813 FEL
		BHL Sec 32 T08S R18E 2293 FSL 1011 FEL
43-047-51880	GMBU R-32-8-18	Sec 32 T08S R18E 0561 FSL 2149 FEL
		BHL Sec 32 T08S R18E 1277 FSL 2297 FWL
43-047-51881	GMBU M-32-8-18	Sec 32 T08S R18E 1957 FNL 1823 FEL
		BHL Sec 32 T08S R18E 2397 FSL 2624 FWL
43-047-51882	GMBU G-32-8-18	Sec 32 T08S R18E 1857 FNL 0640 FWL
		BHL Sec 32 T08S R18E 1271 FNL 1512 FWL
43-047-51883	GMBU N-32-8-18	Sec 32 T08S R18E 1878 FNL 0634 FWL
		BHL Sec 32 T08S R18E 2412 FSL 1488 FWL

RECEIVED: August 22, 2011

API #	WELL NAME	LOCATION

(Proposed PZ GREEN RIVER)

43-047-51884 GMBU S-32-8-18 Sec 32 T08S R18E 0566 FSL 2128 FEL
BHL Sec 32 T08S R18E 1233 FSL 1069 FEL

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

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management, ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2011.08.19 09:57:42 -06'00'

bcc: File - Greater Monument Butte Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:8-19-11

RECEIVED: August 22, 2011

From: Jim Davis
To: Hill, Brad; Mason, Diana
CC: Bonner, Ed; Garrison, LaVonne; mcrozier@newfield.com; teaton@newfield...
Date: 9/20/2011 3:45 PM
Subject: Newfield APD approvals

The following APDs have been approved by SITLA including arch and paleo clearance.

4304751877	GMBU I-32-8-18
4304751878	GMBU H-32-8-18
4304751879	GMBU L-32-8-18
4304751880	GMBU R-32-8-18
4304751881	GMBU M-32-8-18
4304751882	GMBU G-32-8-18
4304751883	GMBU N-32-8-18
4304751884	GMBU S-32-8-18
4301350898	GMBU 1-2-9-15H
4301350906	GMBU R-2-9-15
4301350907	GMBU L-2-9-15
4301350908	GMBU H-2-9-15
4301350909	GMBU M-2-9-15
4301350910	GMBU N-2-9-15
4301350911	GMBU Q-2-9-15

Thanks.
-Jim

Jim Davis
Utah Trust Lands Administration
jimdavis1@utah.gov
Phone: (801) 538-5156

RECEIVED: September 20, 2011

API Well Number: 43047518770000

BOPE REVIEW NEWFIELD PRODUCTION COMPANY GMBU I-32-8-18 43047518770000

Well Name	NEWFIELD PRODUCTION COMPANY GMBU I-32-8-18 43047			
String	SURF	PROD		
Casing Size(")	8.625	5.500		
Setting Depth (TVD)	300	6425		
Previous Shoe Setting Depth (TVD)	0	300		
Max Mud Weight (ppg)	8.3	8.4		
BOPE Proposed (psi)	500	2000		
Casing Internal Yield (psi)	2950	4810		
Operators Max Anticipated Pressure (psi)	2782	8.3		

Calculations	**SURF String**	**8.625**	**"**	
Max BHP (psi)	.052*Setting Depth*MW=	129		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	93	YES	air drill
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	63	YES	OK
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	63	NO	
Required Casing/BOPE Test Pressure=		300	psi	
***Max Pressure Allowed @ Previous Casing Shoe=**		0	psi *Assumes 1psi/ft frac gradient	

Calculations	**PROD String**	**5.500**	**"**	
Max BHP (psi)	.052*Setting Depth*MW=	2806		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2035	NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1393	YES	OK
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1459	NO	Common depth in area
Required Casing/BOPE Test Pressure=		2000	psi	
***Max Pressure Allowed @ Previous Casing Shoe=**		300	psi *Assumes 1psi/ft frac gradient	

Calculations	**String**		**"**	
Max BHP (psi)	.052*Setting Depth*MW=			
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO	
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO	
Required Casing/BOPE Test Pressure=			psi	
***Max Pressure Allowed @ Previous Casing Shoe=**			psi *Assumes 1psi/ft frac gradient	

Calculations	**String**		**"**	
Max BHP (psi)	.052*Setting Depth*MW=			
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO	
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO	
Required Casing/BOPE Test Pressure=			psi	

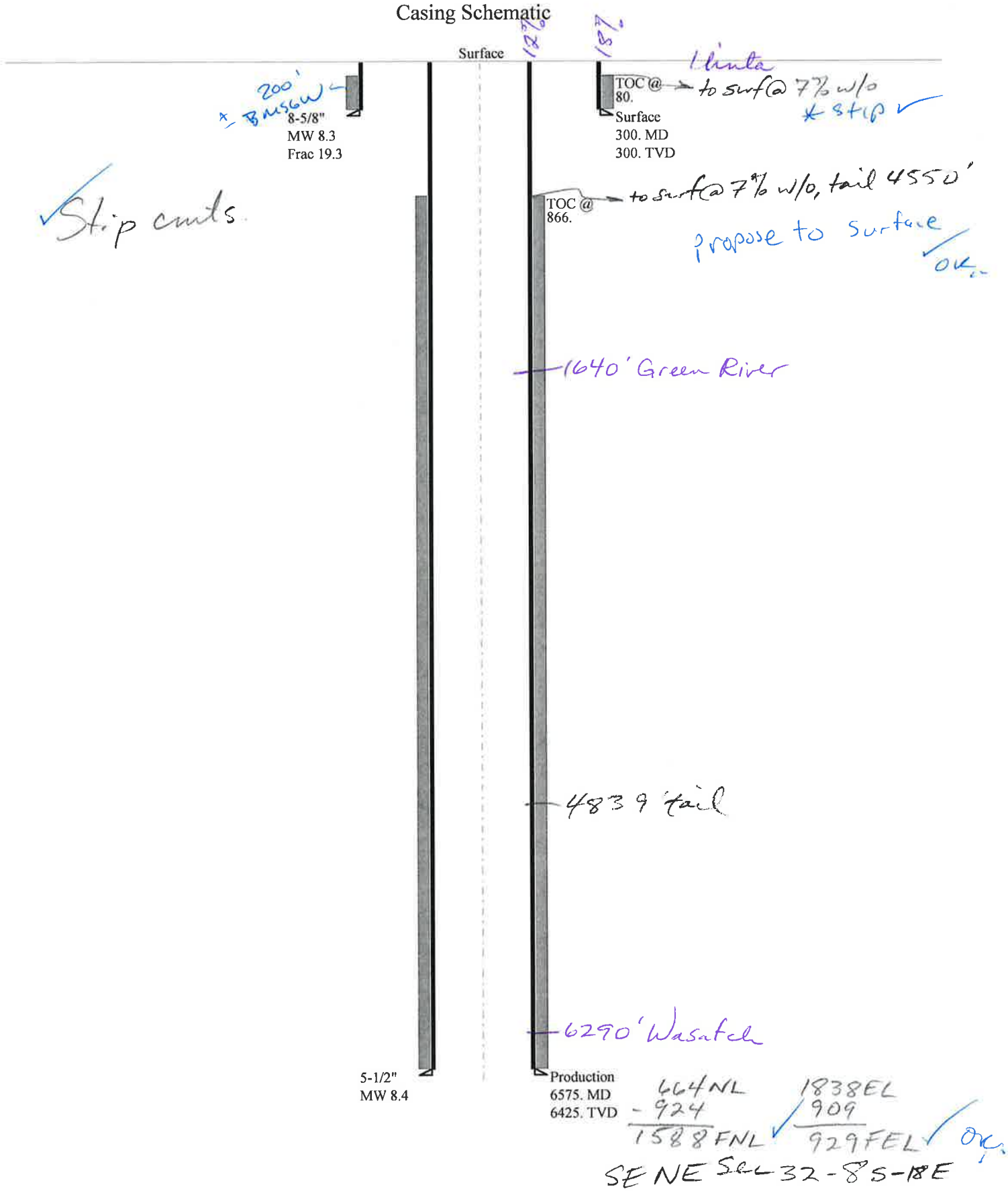
RECEIVED: November 07, 2011

***Max Pressure Allowed @ Previous Casing Shoe=**		psi *Assumes 1psi/ft frac gradient

RECEIVED: November 07, 2011

43047518770000 GMBU I-32-8-18

Casing Schematic



Well name:	**43047518770000 GMBU I-32-8-18**
Operator:	**NEWFIELD PRODUCTION COMPANY**
String type:	Surface
Project ID:	43-047-51877
Location:	UINTAH COUNTY

Design parameters:

Collapse

Mud weight: 8.330 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 264 psi

Internal gradient: 0.120 psi/ft

Calculated BHP 300 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.70 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Tension is based on air weight.

Neutral point: 262 ft

Environment:

H2S considered? No

Surface temperature: 74 °F

Bottom hole temperature: 78 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 100 ft

Cement top: 80 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 6,425 ft

Next mud weight: 8.400 ppg

Next setting BHP: 2,804 psi

Fracture mud wt: 19.250 ppg

Fracture depth: 300 ft

Injection pressure: 300 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	300	8.625	24.00	J-55	ST&C	300	300	7.972	1544

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	130	1370	10.557	300	2950	9.83	7.2	244	33.90 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940

Date: October 26,2011
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 300 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**43047518770000 GMBU I-32-8-18**
Operator:	**NEWFIELD PRODUCTION COMPANY**
String type:	Production
Project ID:	43-047-51877
Location:	UINTAH COUNTY

Design parameters:

Collapse

Mud weight: 8.400 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 1,390 psi

Internal gradient: 0.220 psi/ft

Calculated BHP 2,804 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.60 (B)

Tension is based on air weight.

Neutral point: 5,735 ft

Environment:

H2S considered?	No
Surface temperature:	74 °F
Bottom hole temperature:	164 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	100 ft
Cement top:	866 ft

Directional Info - Build & Hold

Kick-off point	600 ft
Departure at shoe:	1296 ft
Maximum dogleg:	1.5 °/100ft
Inclination at shoe:	13.57 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	6575	5.5	15.50	J-55	LT&C	6425	6575	4.825	23216

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	2804	4040	1.441	2804	4810	1.72	99.6	217	2.18 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940

Date: October 26,2011
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 6425 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

NEWFIELD
ROCKY MOUNTAINS

VIA ELECTRONIC DELIVERY

November 8, 2011

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
P.O. Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
GMBU I-32-8-18
Greater Monument Butte (Green River) Unit

Surface Hole: T8S-R18E Section 32: NWNE (ML-22058)
664' FNL 1838' FEL

At Target: T8S-R18E Section 32: SENE (ML-22058)
1606' FNL 944' FEL

Uintah County, Utah

Dear Ms. Mason:

Pursuant to the filing by Newfield Production Company ("NPC") of an Application for Permit to Drill the above referenced well dated 8/16/2011, a copy of which is attached, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole and target locations of this well are both within the boundaries of the Greater Monument Butte Unit (UTU-87538X), of which Newfield certifies that it is the operator. Further, Newfield certifies that all lands within 460 feet of the entire directional well bore are within the Greater Monument Butte Unit.

NPC is permitting this well as a directional well in order to mitigate surface disturbance by utilizing pre-exiting roads and pipelines.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please contact the undersigned at 303-383-4153 or by email at pburns@newfield.com. Your consideration in this matter is greatly appreciated.

Sincerely,
Newfield Production Company

Peter Burns
Land Associate

API Well Number: 43047518770000

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

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO: ML-22058
6. SURFACE: State

1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐

7. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA

B. TYPE OF WELL: OIL ☑ GAS ☐ OTHER _____ SINGLE ZONE ☑ MULTIPLE ZONE ☐

8. UNIT or CA AGREEMENT NAME: Greater Monument Butte

2. NAME OF OPERATOR: Newfield Production Company

9. WELL NAME and NUMBER: GMBU I-32-8-18

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: NW/NE 664' FNL 1838' FEL Sec. 32 T8S R18E
AT PROPOSED PRODUCING ZONE: SE/NE 1606' FNL 944' FEL Sec. 32 T8S R18E

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 32 8S 18E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 20.8 miles southeast of Myton, Utah

12. COUNTY: Uintah
13. STATE: UTAH

15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET): Approx. 944' f/lse line, NA' f/unit line
16. NUMBER OF ACRES IN LEASE: 640.00 acres
17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 20 acres

18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): Approx. 765'
19. PROPOSED DEPTH: 6,575
20. BOND DESCRIPTION: #B001834

21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 4977' GL
22. APPROXIMATE DATE WORK WILL START: 4th Qtr. 2011
23. ESTIMATED DURATION: (15) days from SPUD to rig release

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
12 1/4	8 5/8	J-55	24.0	300	Class G w/2% CaCl	138 sx +/-	1.17	15.8
7 7/8	5 1/2	J-55	15.5	6,575	Lead(Prem Lite II)	316 sx +/-	3.26	11.0
					Tail (50/50 Poz)	363 sx +/-	1.24	14.3

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
☑ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
☑ COMPLETE DRILLING PLAN
☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Mandie Crozier TITLE Regulatory Specialist

SIGNATURE Mandie Crozier DATE 8/16/11

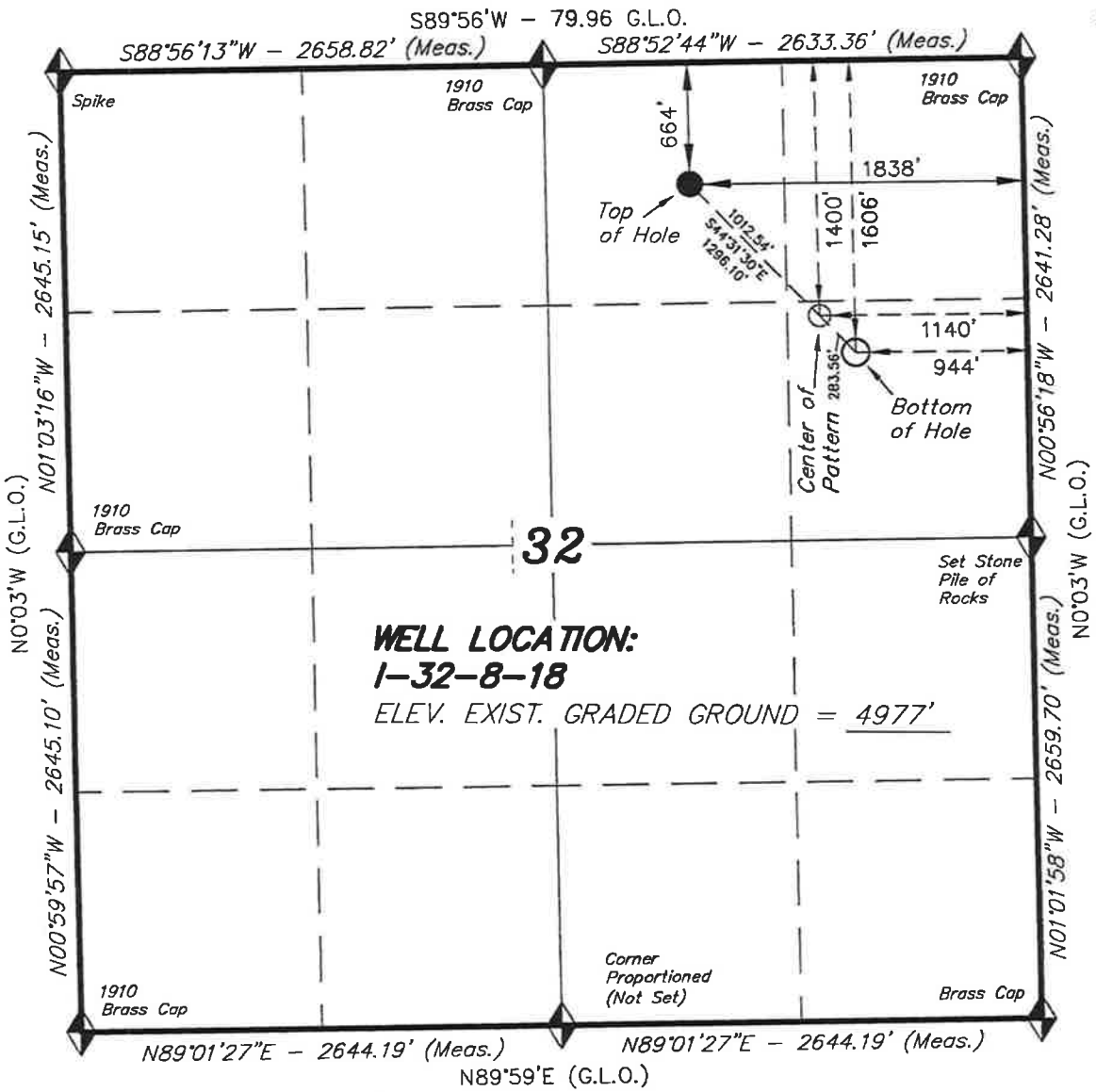
(This space for State use only)

API NUMBER ASSIGNED: _____ APPROVAL:

(11/2001) (See Instructions on Reverse Side)

API Well Number: 43047518770000

T8S, R18E, S.L.B.&M.



◆ = SECTION CORNERS LOCATED

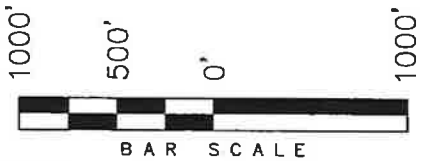
BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

I-32-8-18
(Surface Location) NAD 83
LATITUDE = 40° 04' 47.55"
LONGITUDE = 109° 54' 52.17"

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, I-32-8-18, LOCATED AS SHOWN IN THE NW 1/4 NE 1/4 OF SECTION 32, T8S, R18E, S.L.B.&M. UINTAH COUNTY, UTAH.

TARGET BOTTOM HOLE, I-32-8-18, LOCATED AS SHOWN IN THE SE 1/4 NE 1/4 OF SECTION 32, T8S, R18E, S.L.B.&M. UINTAH COUNTY, UTAH.



NOTES:
1. *Well footages are measured at right angles to the Section Lines.*
2. *Bearings are based on Global Positioning Satellite observations.*

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.

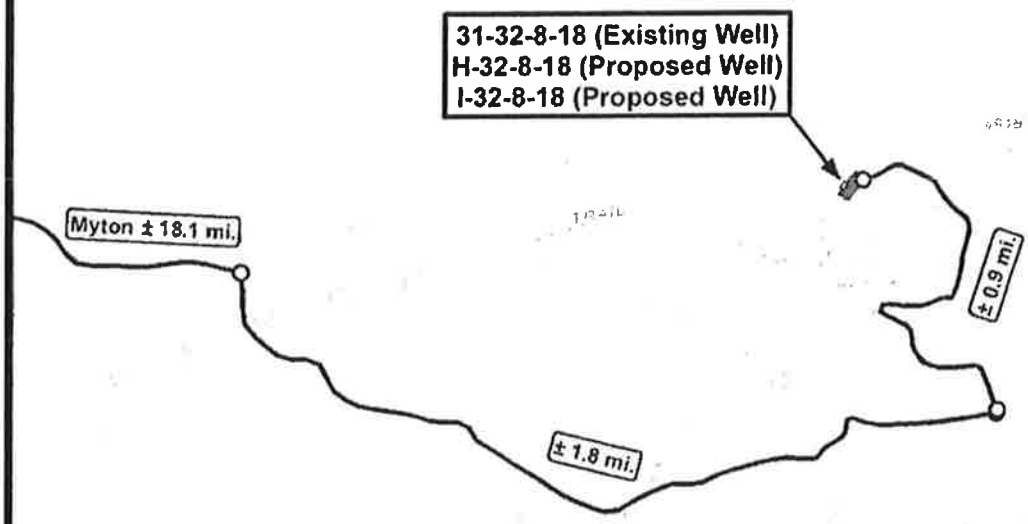
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

REGISTERED LAND SURVEYOR
No. 189377
08-05-11
STACY W. STEWART
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 06-21-11	SURVEYED BY: K.S.	VERSION:
DATE DRAWN: 08-05-11	DRAWN BY: F.T.M.	V1
REVISED:	SCALE: 1" = 1000'	

Access Road Map



Legend

Existing Road

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

31-32-8-18 (Existing Well)
H-32-8-18 (Proposed Well)
I-32-8-18 (Proposed Well)
SEC. 32, T8S, R18E, S.L.B.&M. Uintah County, UT.

DRAWN BY: C.H.M.	REVISED:	VERSION:	TOPOGRAPHIC MAP
DATE: 08-03-2011		V1	SHEET B
SCALE: 1" = 2,000'			

ON-SITE PREDRILL EVALUATION
Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name GMBU I-32-8-18
API Number 43047518770000 **APD No** 4457 **Field/Unit** EIGHT MILE FLAT
Location: 1/4,1/4 NWNE **Sec** 32 **Tw** 8.0S **Rng** 18.0E 664 FNL 1838 FEL
GPS Coord (UTM) **Surface Owner**

Participants

M. Jones (UDOGM), T. Eaton (Newfield).

Regional/Local Setting & Topography

This proposed well is staked on an existing well location for the 31-32-8-18 well. No additional pad disturbance is anticipated for the location. The old pit area will be utililized. The topography surrounding the location is rolling, gravely, low sage hills. With dry wash drainages running in various directions throughout the area. The site is approximately 18 road miles southeast of Myton, Utah.

Surface Use Plan

Current Surface Use
Grazing
Wildlfe Habitat
Existing Well Pad

New Road Miles	Well Pad	Src Const Material	Surface Formation
0	**Width** 111 **Length** 303	Onsite	

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna
exisiting pad.

Soil Type and Characteristics
gravely clay.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required? N

Berm Required? Y
mainatian berms around pad.

Erosion Sedimentation Control Required? N

Paleo Survey Run? Y **Paleo Potental Observed?** N **Cultural Survey Run?** Y **Cultural Resources?** N

Reserve Pit

Site-Specific Factors		Site Ranking	
Distance to Groundwater (feet)	>200	0	
Distance to Surface Water (feet)	>1000	0	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)		20	
Native Soil Type	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)		0	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
	Final Score	35	1 Sensitivity Level

Characteristics / Requirements

Dugout earthen (80' x 40' x 8').

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** N

Other Observations / Comments

Mark Jones	8/31/2011
Evaluator	**Date / Time**

Application for Permit to Drill
Statement of Basis

Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
4457	43047518770000	LOCKED	OW	S	No
Operator	NEWFIELD PRODUCTION COMPANY		**Surface Owner-APD**		
Well Name	GMBU I-32-8-18		**Unit**	GMBU (GRRV)	
Field	EIGHT MILE FLAT		**Type of Work**	DRILL	

Location NWNE 32 8S 18E S 664 FNL 1838 FEL GPS Coord (UTM) 592557E 4437192N

Geologic Statement of Basis

Newfield proposes to set 300' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 200'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 32. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be an interconnected, high volume source of useable ground water. The proposed surface casing should adequately protect useable ground water in this area.

Brad Hill — **APD Evaluator**

9/27/2011 — **Date / Time**

Surface Statement of Basis

This proposed well is staked on an existing well location for the 31-32-8-18 well. No additional pad disturbance is anticipated for the location. The old pit area will be utililized. The topography surrounding the location is rolling, gravely, low sage hills. With dry wash drainages running in various directions throughout the area. The site is approximately 18 road miles southeast Myton, Utah. A 16 mil synthetic liner will be required lining the reserve pit. Maintain berms around pad. Fence reserve pit upon completion of drilling.

Mark Jones — **Onsite Evaluator**

8/31/2011 — **Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

RECEIVED: November 08, 2011

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 8/16/2011
API NO. ASSIGNED: 43047518770000
WELL NAME: GMBU I-32-8-18
OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)
PHONE NUMBER: 435 646-4825
CONTACT: Mandie Crozier

PROPOSED LOCATION: NWNE 32 080S 180E
Permit Tech Review: ✔

SURFACE: 0664 FNL 1838 FEL
Engineering Review: ✔

BOTTOM: 1606 FNL 0944 FEL
Geology Review: ✔

COUNTY: UINTAH
LATITUDE: 40.07992
LONGITUDE: -109.91443
UTM SURF EASTINGS: 592557.00
NORTHINGS: 4437192.00
FIELD NAME: EIGHT MILE FLAT
LEASE TYPE: 3 - State
LEASE NUMBER: ML-22058
PROPOSED PRODUCING FORMATION(S): GREEN RIVER
SURFACE OWNER: 3 - State
COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- ✔ **PLAT**
- ✔ **Bond:** STATE - B001834
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ✔ **Water Permit:** 437478
- ☐ **RDCC Review:**
- ☐ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit: GMBU (GRRV)

- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ✔ **Drilling Unit**

Board Cause No: Cause 213-11
Effective Date: 11/30/2009
Siting: Suspends General Siting

- ✔ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
5 - Statement of Basis - bhill
15 - Directional - dmason
25 - Surface Casing - ddoucet
27 - Other - bhill

RECEIVED: November 08, 2011

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

Permit To Drill

****

Well Name: GMBU I-32-8-18
API Well Number: 43047518770000
Lease Number: ML-22058
Surface Owner: STATE
Approval Date: 11/8/2011

Issued to:
NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:
Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 213-11. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

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

Conditions of Approval:
In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Production casing cement shall be brought up to or above the top of the unitized interval for the Greater Monument Butte Unit (Cause No. 213-11).

Surface casing shall be cemented to the surface.

Additional Approvals:
The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:
- Any changes to the approved drilling plan – contact Dustin Doucet
- Significant plug back of the well – contact Dustin Doucet
- Plug and abandonment of the well – contact Dustin Doucet

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

- Within 24 hours following the spudding of the well – contact Carol Daniels
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at http://oilgas.ogm.utah.gov
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program – contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well – contact Dan Jarvis

Contact Information:
The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
  801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
  801-231-8956 - after office hours

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

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

Approved By:

For John Rogers
Associate Director, Oil & Gas

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross 26 Submitted By Branden Arnold
Phone Number 435-401-0223
Well Name/Number GMBU I-32-8-18
Qtr/Qtr NW/NE Section 32 Township 8S Range 18E
Lease Serial Number ML-22058
API Number 43-047-51877

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 7/10/12 9:00 AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing times.

☒ Surface Casing
☐ Intermediate Casing
☐ Production Casing
☐ Liner
☐ Other

Date/Time 7/10/12 3:00 AM ☐ PM ☒

BOPE

☐ Initial BOPE test at surface casing point
☐ BOPE test at intermediate casing point
☐ 30 day BOPE test
☐ Other

Date/Time _____ _____ AM ☐ PM ☐

Remarks _____

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

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	17400	4301351114	GMBU L-6-9-16	SENE	6	9S	16E	DUCHESNE	7/19/2012	7/31/12
WELL 1 COMMENTS: GRRV BHL: nwse											—
A	99999	18634	4304751333	UTE TRIBAL 14-28-4-2E	SESW	28	4S	2E	UINTAH	7/10/2012	7/31/12
WSTC											—
A	99999	18635	4304752020	UTE TRIBAL 5-12-4-1E	SWNW	12	4S	1E	UINTAH	7/13/2012	7/31/12
WSTC											—
B	99999	17400	4304751878	GMBU H-32-8-18	NWNE	32	8S	18E	UINTAH	7/12/2012	7/31/12
GRRV BHL: senw											—
B	99999	17400	4304751877	GMBU I-32-8-18	NWNE	32	8S	18E	UINTAH	7/11/2012	7/31/12
GRRV BHL: sene											—
B	99999	17400	4301350458	GMBU R-19-8-17	NWSE	19	8S	17E	DUCHESNE	6/27/2012	7/31/12
GRRV BHL: Swse											—
A	99999	18636	4301350655	UTE TRIBAL 14-3-4-4W	SESW	3	4S	4W	DUCHESNE	6/25/2012	7/31/12
WSTC											

CONFIDENTIAL

A - new entity for new well (single well only)
B - well to existing entity (group or unit well)
C - from one existing entity to another existing entity
D - well from one existing entity to a new entity
E - other (explain in comments section)

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Div. of Oil, Gas & Mining

CONFIDENTIAL

Signature: Tabitha Timothy
Production Clerk 07/19/12

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER: UTAH STATE ML-22058

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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: GMBU

1. TYPE OF WELL: OIL WELL [x] GAS WELL [ ] OTHER

8. WELL NAME and NUMBER: GMBU I-32-8-18

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 4304751877

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: GREATER MB UNIT

4. LOCATION OF WELL: FOOTAGES AT SURFACE: 664 FNL 1838 FEL

COUNTY: UINTAH

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: , 32, T8S, R18E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARITLY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[x] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
Date of Work Completion:	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[x] OTHER: - Spud Notice
07/13/2012	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

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

On 7/11/12 MIRU Ross #29. Spud well @8:00 AM. Drill 310' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24# csgn. Set @ 307.49. On 7/13/12 cement with 160 sks of class "G" w/ 2% CaCL2 + 0.25#/sk Cello- Flake Mixed @ 15.8ppg w/ 1.17ft3/sk yield. Returned 6 barrels cement to pit. WOC.

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AUG 06 2012
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NAME (PLEASE PRINT) Branden Arnold TITLE

SIGNATURE DATE 07/18/2012

(This space for State use only)

Casing / Liner Detail

Well	GMBU I-32-8-18
Prospect	Monument Butte
Foreman	
Run Date:	
String Type	Surface, 8.625", 24#, HCP-110, STC (Generic)

- Detail From Top To Bottom -

Depth	*Length*	*JTS*	*Description*	*OD*	*ID*
307.49			10' KB		
308.07	1.42		Wellhead		
309.49	-2.00	-1	Cutt Off	8.625	
10.00	256.02	6	8 5/8 Casing	8.625	
266.02	41.15	1	Shoe Jiont	8.625	
307.17	0.90	1	Guide Shoe	8.625	
308.07			-		

Cement Detail

Cement Company: BJ

Slurry	# of Sacks	Weight (ppg)	Yield	Volume (ft^3)	Description - Slurry Class and Additives
Slurry 1	160	15.8	1.17	187.2	Class G+2%kcl+.25#CF

Stab-In-Job?	No
BHT:	0
Initial Circulation Pressure:	
Initial Circulation Rate:	
Final Circulation Pressure:	
Final Circulation Rate:	
Displacement Fluid:	Mud
Displacement Rate:	
Displacement Volume:	16.3
Mud Returns:	
Centralizer Type And Placement:	

Cement To Surface?	Yes
Est. Top of Cement:	0
Plugs Bumped?	Yes
Pressure Plugs Bumped:	395
Floats Holding?	No
Casing Stuck On / Off Bottom?	No
Casing Reciprocated?	No
Casing Rotated?	No
CIP:	10:54
Casing Wt Prior To Cement:	
Casing Weight Set On Slips:	

Middle of first, top of second and third for a total of three.

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-22058

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: GMBU (GRRV)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: GMBU I-32-8-18

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43047518770000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: EIGHT MILE FLAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0664 FNL 1838 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 32 Township: 08.0S Range: 18.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION

- ☐ NOTICE OF INTENT — Approximate date work will start:
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ✓ DRILLING REPORT — Report Date: 8/27/2012

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
✓ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

The above well was placed on production on 08/27/2012 at 17:00 hours. Production Start sundry re-sent 11/13/2012.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
November 14, 2012

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Jennifer Peatross	435 646-4885	Production Technician

SIGNATURE	DATE
N/A	11/13/2012

RECEIVED: Nov. 13, 2012

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: ML-22058

1a. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____

6. If Indian, Allottee or Tribe Name: NA

7. Unit or CA Agreement Name and No.: GMBU (GRRV)

2. Name of Operator: NEWFIELD EXPLORATION COMPANY

8. Lease Name and Well No.: GMBU I-32-8-18

3. Address: 1401 17TH ST. SUITE 1000 DENVER, CO 80202

3a. Phone No. (include area code): (435) 646-3721

9. AFI Well No.: 43-047-51877

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DIV. OF OIL, GAS & MINING

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface: 664' FNL & 1838' FEL (NW/NE) SEC. 32, T8S, R18E (ML-22058)

10. Field and Pool or Exploratory: MONUMENT BUTTE

11. Sec., T., R., M., on Block and Survey or Area: SEC. 32, T8S, R18E

At top prod. interval reported below: 1272' FNL & 1239' FEL (NE/NE) SEC. 32, T8S, R18E (ML-22058)

At total depth: 1588' FNL & 936' FEL (SE/NE) SEC. 32, T8S, R18E (ML-22058) BHL by HSM

12. County or Parish: UINTAH

13. State: UT

14. Date Spudded: 07/11/2012

15. Date T.D. Reached: 08/02/2012

16. Date Completed: ☐ D & A ☑ Ready to Prod. 08/27/2012

17. Elevations (DF, RKB, RT, GL)*: 4977' GL ' KB

18. Total Depth: MD 6574' TVD 6425'

19. Plug Back T.D.: MD 6513' TVD 6365

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. DENSITY,COMP. NEUTRON,GR,CALIPER, CMT BOND

22. Was well cored? ☑ No ☐ Yes (Submit analysis)
Was DST run? ☑ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☑ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	307'		160 CLASS "G"			
7-7/8"	5-1/2" J-55	15.5#	0	6557'		245 PRIMLITE		0'	
						460 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 6168'	TA @ 6070'						

25. Producing Intervals

Formation	Top	Bottom
A) Green River	4624'	6092'
B)		
C)		
D)		

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
4624-6092'	.34"	39	

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
4624-6092'	Frac w/ 170311# 20/40 white sand and 970 bbls Lightning 17 fluid, in 3 stages.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
8/27/12	9/6/12	24	→	24	30	71			2-1/2" x 1-3/4" x 20' x 21' x 24' RHAC Pump

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					PRODUCING

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas *(Solid, used for fuel, vented, etc.)*

SOLD AND USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
GREEN RIVER	4624'	6092'		GARDEN GULCH MARKER	4070'
				GARDEN GULCH 1	4248'
				GARDEN GULCH 2	4369'
				POINT 3 MARKER	4648'
				X MRKR	4865'
				Y MRKR	4899'
				DOUGLAS CREEK MRKR	5034'
				BI-CARBONATE	5292'
				B LIMESTONE	5428'
				CASTLE PEAK	5876'
				BASAL CARBONATE	6276'
				WASATCH	6393'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
- ☐ Geologic Report
- ☐ DST Report
- ☑ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
- ☐ Core Analysis
- ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* Jennifer Peatross Title Production Technician

Signature Peatross Date 10/01/2012

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

(Continued on page 3)

NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 32 T8, R18
I-32-8-18

Wellbore #1

Design: Actual

Standard Survey Report

05 October, 2012

NEWFIELD

Payzone Directional

Survey Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well I-32-8-18
Project:	USGS Myton SW (UT)	**TVD Reference:**	I-32-8-18 @ 4989.0ft (NDSI SS #2)
Site:	SECTION 32 T8, R18	**MD Reference:**	I-32-8-18 @ 4989.0ft (NDSI SS #2)
Well:	I-32-8-18	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Project USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site SECTION 32 T8, R18

Site Position:		**Northing:**	7,200,263.45 ft	**Latitude:**	40° 4' 35.740 N
From:	Lat/Long	**Easting:**	2,067,256.45 ft	**Longitude:**	109° 58' 28.340 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	0.98 °

Well I-32-8-18, SHL LAT: 40 04 47.55 LONG: -109 54 52.17

Well Position	**+N/-S**	0.0 ft	**Northing:**	7,201,750.41 ft	**Latitude:**	40° 4' 47.550 N
	+E/-W	0.0 ft	**Easting:**	2,084,035.37 ft	**Longitude:**	109° 54' 52.170 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	4,989.0 ft	**Ground Level:**	4,977.0 ft

Wellbore Wellbore #1

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	7/21/2011	11.25	65.85	52,305

Design Actual

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.0

Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**
	0.0	0.0	0.0	135.48

Survey Program **Date** 10/5/2012

From (ft)	**To (ft)**	**Survey (Wellbore)**	**Tool Name**	**Description**
316.0	6,574.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard

Survey

Measured Depth (ft)	**Inclination (°)**	**Azimuth (°)**	**Vertical Depth (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Vertical Section (ft)**	**Dogleg Rate (°/100ft)**	**Build Rate (°/100ft)**	**Turn Rate (°/100ft)**
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
316.0	0.80	25.40	316.0	2.0	0.9	-0.8	0.25	0.25	0.00
346.0	0.80	25.60	346.0	2.4	1.1	-0.9	0.01	0.00	0.67
377.0	0.80	26.15	377.0	2.8	1.3	-1.0	0.02	0.00	1.77
407.0	0.80	31.10	407.0	3.1	1.5	-1.2	0.23	0.00	16.50
438.0	0.70	36.40	438.0	3.5	1.7	-1.3	0.39	-0.32	17.10
468.0	0.80	70.50	468.0	3.7	2.0	-1.2	1.50	0.33	113.67
499.0	0.90	95.40	499.0	3.7	2.5	-0.9	1.22	0.32	80.32
529.0	1.00	108.40	529.0	3.6	3.0	-0.5	0.79	0.33	43.33
560.0	1.40	115.50	560.0	3.4	3.6	0.1	1.37	1.29	22.90
590.0	1.70	125.70	590.0	3.0	4.3	0.9	1.35	1.00	34.00
621.0	1.90	130.10	620.9	2.4	5.0	1.8	0.78	0.65	14.19
651.0	2.20	133.60	650.9	1.6	5.8	2.9	1.08	1.00	11.67

NEWFIELD

Payzone Directional

Survey Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well I-32-8-18
Project:	USGS Myton SW (UT)	**TVD Reference:**	I-32-8-18 @ 4989.0ft (NDSI SS #2)
Site:	SECTION 32 T8, R18	**MD Reference:**	I-32-8-18 @ 4989.0ft (NDSI SS #2)
Well:	I-32-8-18	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
681.0	2.60	136.80	680.9	0.8	6.7	4.2	1.41	1.33	10.67
712.0	3.00	136.00	711.9	-0.3	7.8	5.7	1.30	1.29	-2.58
742.0	3.50	137.50	741.8	-1.6	8.9	7.4	1.69	1.67	5.00
773.0	3.80	134.00	772.7	-3.0	10.3	9.4	1.21	0.97	-11.29
803.0	4.20	137.55	802.7	-4.5	11.8	11.4	1.57	1.33	11.83
833.0	4.50	137.00	832.6	-6.2	13.3	13.7	1.01	1.00	-1.83
864.0	4.50	138.80	863.5	-8.0	14.9	16.2	0.46	0.00	5.81
894.0	4.70	137.90	893.4	-9.8	16.5	18.6	0.71	0.67	-3.00
925.0	5.05	138.25	924.3	-11.7	18.3	21.2	1.13	1.13	1.13
956.0	5.50	137.90	955.1	-13.9	20.2	24.0	1.46	1.45	-1.13
986.0	6.00	137.60	985.0	-16.1	22.2	27.0	1.67	1.67	-1.00
1,017.0	6.50	138.80	1,015.8	-18.6	24.5	30.4	1.67	1.61	3.87
1,061.0	7.20	141.60	1,059.5	-22.6	27.8	35.6	1.76	1.59	6.36
1,105.0	7.70	142.50	1,103.1	-27.1	31.3	41.3	1.17	1.14	2.05
1,149.0	8.40	142.50	1,146.7	-32.0	35.1	47.4	1.59	1.59	0.00
1,192.0	9.00	143.00	1,189.2	-37.2	39.0	53.9	1.41	1.40	1.16
1,236.0	9.40	141.40	1,232.6	-42.7	43.3	60.9	1.08	0.91	-3.64
1,280.0	9.80	139.30	1,276.0	-48.4	48.0	68.2	1.21	0.91	-4.77
1,324.0	10.70	139.10	1,319.3	-54.3	53.1	76.0	2.05	2.05	-0.45
1,367.0	11.40	137.00	1,361.5	-60.4	58.6	84.2	1.88	1.63	-4.88
1,411.0	12.20	135.60	1,404.6	-67.0	64.9	93.2	1.93	1.82	-3.18
1,455.0	12.80	135.10	1,447.5	-73.7	71.5	102.7	1.39	1.36	-1.14
1,499.0	13.40	134.80	1,490.4	-80.8	78.6	112.7	1.37	1.36	-0.68
1,542.0	14.00	133.70	1,532.2	-87.9	85.9	122.9	1.52	1.40	-2.56
1,586.0	14.40	134.50	1,574.8	-95.4	93.7	133.7	1.01	0.91	1.82
1,630.0	14.60	134.80	1,617.4	-103.1	101.5	144.7	0.49	0.45	0.68
1,674.0	14.80	134.50	1,660.0	-111.0	109.4	155.9	0.49	0.45	-0.68
1,717.0	15.00	134.50	1,701.5	-118.7	117.3	166.9	0.47	0.47	0.00
1,761.0	15.40	133.00	1,744.0	-126.7	125.7	178.4	1.27	0.91	-3.41
1,805.0	15.40	133.50	1,786.4	-134.7	134.2	190.1	0.30	0.00	1.14
1,849.0	15.70	132.30	1,828.8	-142.7	142.8	201.9	1.00	0.68	-2.73
1,893.0	15.60	132.20	1,871.2	-150.7	151.6	213.7	0.24	-0.23	-0.23
1,936.0	15.30	132.40	1,912.6	-158.4	160.1	225.2	0.71	-0.70	0.47
1,980.0	15.00	133.70	1,955.1	-166.3	168.5	236.7	1.03	-0.68	2.95
2,024.0	14.20	133.40	1,997.7	-173.9	176.5	247.8	1.83	-1.82	-0.68
2,068.0	13.80	133.70	2,040.4	-181.2	184.2	258.4	0.92	-0.91	0.68
2,112.0	13.50	134.60	2,083.1	-188.5	191.7	268.8	0.84	-0.68	2.05
2,155.0	13.40	133.80	2,124.9	-195.5	198.8	278.8	0.49	-0.23	-1.86
2,199.0	13.00	134.80	2,167.8	-202.5	206.0	288.8	1.05	-0.91	2.27
2,243.0	12.90	135.20	2,210.7	-209.4	213.0	298.7	0.31	-0.23	0.91
2,287.0	12.50	136.40	2,253.6	-216.4	219.7	308.4	1.09	-0.91	2.73
2,330.0	12.10	137.70	2,295.6	-223.1	226.0	317.5	1.13	-0.93	3.02
2,374.0	12.00	137.20	2,338.6	-229.8	232.2	326.7	0.33	-0.23	-1.14
2,418.0	12.30	136.90	2,381.6	-236.6	238.5	335.9	0.70	0.68	-0.68
2,462.0	12.60	136.30	2,424.6	-243.5	245.0	345.4	0.74	0.68	-1.36
2,506.0	12.80	138.20	2,467.5	-250.6	251.6	355.1	1.05	0.45	4.32
2,549.0	13.10	137.70	2,509.4	-257.8	258.1	364.7	0.74	0.70	-1.16
2,593.0	13.80	137.70	2,552.2	-265.3	264.9	375.0	1.59	1.59	0.00
2,637.0	14.40	137.50	2,594.9	-273.3	272.2	385.7	1.37	1.36	-0.45
2,681.0	14.30	135.60	2,637.5	-281.2	279.7	396.6	1.09	-0.23	-4.32
2,724.0	14.50	133.50	2,679.2	-288.7	287.3	407.3	1.30	0.47	-4.88
2,768.0	13.90	133.20	2,721.8	-296.1	295.1	418.0	1.37	-1.36	-0.68
2,812.0	14.20	134.50	2,764.5	-303.5	302.8	428.7	0.99	0.68	2.95
2,856.0	14.50	135.00	2,807.2	-311.2	310.6	439.6	0.74	0.68	1.14

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well I-32-8-18
Project:	USGS Myton SW (UT)	**TVD Reference:**	I-32-8-18 @ 4989.0ft (NDSI SS #2)
Site:	SECTION 32 T8, R18	**MD Reference:**	I-32-8-18 @ 4989.0ft (NDSI SS #2)
Well:	I-32-8-18	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
2,900.0	14.80	135.90	2,849.7	-319.1	318.4	450.8	0.86	0.68	2.05
2,943.0	15.20	136.05	2,891.3	-327.1	326.1	461.9	0.93	0.93	0.35
2,987.0	15.40	134.80	2,933.7	-335.4	334.3	473.5	0.88	0.45	-2.84
3,031.0	14.50	133.40	2,976.2	-343.3	342.4	484.8	2.20	-2.05	-3.18
3,075.0	13.60	132.10	3,018.9	-350.5	350.3	495.5	2.17	-2.05	-2.95
3,119.0	13.10	130.10	3,061.7	-357.2	357.9	505.6	1.55	-1.14	-4.55
3,162.0	12.90	130.40	3,103.6	-363.4	365.3	515.3	0.49	-0.47	0.70
3,206.0	12.50	132.20	3,146.5	-369.8	372.6	524.9	1.28	-0.91	4.09
3,250.0	12.40	134.20	3,189.5	-376.3	379.5	534.4	1.01	-0.23	4.55
3,294.0	12.50	137.10	3,232.5	-383.1	386.1	543.9	1.44	0.23	6.59
3,338.0	13.30	137.60	3,275.3	-390.3	392.8	553.7	1.84	1.82	1.14
3,381.0	13.90	138.90	3,317.1	-397.9	399.5	563.8	1.57	1.40	3.02
3,425.0	14.00	138.70	3,359.8	-405.9	406.5	574.4	0.25	0.23	-0.45
3,469.0	13.70	139.10	3,402.6	-413.8	413.4	584.9	0.72	-0.68	0.91
3,513.0	14.10	140.20	3,445.3	-421.8	420.2	595.4	1.09	0.91	2.50
3,556.0	14.60	139.60	3,486.9	-430.0	427.1	606.1	1.21	1.16	-1.40
3,600.0	15.00	139.60	3,529.5	-438.6	434.4	617.3	0.91	0.91	0.00
3,644.0	14.70	137.60	3,572.0	-447.0	441.8	628.5	1.35	-0.68	-4.55
3,688.0	13.90	134.50	3,614.6	-454.8	449.4	639.4	2.52	-1.82	-7.05
3,732.0	13.20	132.45	3,657.4	-461.9	456.9	649.7	1.93	-1.59	-4.66
3,775.0	13.00	135.00	3,699.3	-468.7	463.9	659.4	1.42	-0.47	5.93
3,819.0	12.80	136.20	3,742.2	-475.7	470.8	669.3	0.76	-0.45	2.73
3,863.0	13.10	134.30	3,785.1	-482.7	477.7	679.1	1.18	0.68	-4.32
3,907.0	13.40	133.80	3,827.9	-489.7	485.0	689.2	0.73	0.68	-1.14
3,950.0	13.50	134.00	3,869.7	-496.6	492.2	699.2	0.26	0.23	0.47
3,994.0	13.50	135.50	3,912.5	-503.9	499.5	709.5	0.80	0.00	3.41
4,034.0	13.75	135.80	3,951.4	-510.6	506.1	718.9	0.65	0.63	0.75
4,082.0	13.60	135.80	3,998.0	-518.7	514.0	730.2	0.31	-0.31	0.00
4,126.0	13.60	135.30	4,040.8	-526.1	521.2	740.6	0.27	0.00	-1.14
4,169.0	13.80	135.40	4,082.6	-533.4	528.4	750.8	0.47	0.47	0.23
4,213.0	13.80	134.90	4,125.3	-540.8	535.8	761.3	0.27	0.00	-1.14
4,257.0	14.10	135.80	4,168.0	-548.4	543.2	771.9	0.84	0.68	2.05
4,301.0	14.50	135.80	4,210.6	-556.2	550.8	782.7	0.91	0.91	0.00
4,345.0	14.10	136.50	4,253.3	-564.0	558.3	793.6	0.99	-0.91	1.59
4,388.0	14.00	136.40	4,295.0	-571.6	565.5	804.0	0.24	-0.23	-0.23
4,432.0	13.40	137.90	4,337.7	-579.2	572.6	814.5	1.58	-1.36	3.41
4,476.0	13.10	137.80	4,380.6	-586.7	579.4	824.5	0.68	-0.68	-0.23
4,520.0	13.10	136.80	4,423.4	-594.0	586.1	834.5	0.52	0.00	-2.27
4,563.0	12.70	135.80	4,465.3	-600.9	592.8	844.1	1.07	-0.93	-2.33
4,607.0	12.50	137.50	4,508.3	-607.9	599.4	853.7	0.96	-0.45	3.86
4,651.0	12.40	136.60	4,551.2	-614.9	605.8	863.2	0.50	-0.23	-2.05
4,695.0	12.30	134.90	4,594.2	-621.6	612.4	872.6	0.86	-0.23	-3.86
4,739.0	12.50	133.80	4,637.2	-628.2	619.1	882.0	0.70	0.45	-2.50
4,782.0	13.20	133.60	4,679.1	-634.8	626.1	891.6	1.63	1.63	-0.47
4,826.0	13.40	134.10	4,721.9	-641.8	633.4	901.7	0.52	0.45	1.14
4,870.0	13.10	134.80	4,764.8	-648.9	640.6	911.8	0.77	-0.68	1.59
4,914.0	13.20	135.90	4,807.6	-656.0	647.6	921.8	0.61	0.23	2.50
4,957.0	13.40	136.50	4,849.4	-663.1	654.4	931.7	0.57	0.47	1.40
5,001.0	12.90	137.30	4,892.3	-670.5	661.3	941.7	1.21	-1.14	1.82
5,045.0	12.80	137.60	4,935.2	-677.7	667.9	951.5	0.27	-0.23	0.68
5,089.0	12.90	136.90	4,978.1	-684.8	674.5	961.3	0.42	0.23	-1.59
5,132.0	13.10	137.80	5,020.0	-692.0	681.1	970.9	0.66	0.47	2.09
5,176.0	13.00	137.70	5,062.9	-699.3	687.8	980.9	0.23	-0.23	-0.23
5,220.0	12.60	137.80	5,105.8	-706.5	694.3	990.6	0.91	-0.91	0.23

NEWFIELD

Payzone Directional

Survey Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well I-32-8-18
Project:	USGS Myton SW (UT)	**TVD Reference:**	I-32-8-18 @ 4989.0ft (NDSI SS #2)
Site:	SECTION 32 T8, R18	**MD Reference:**	I-32-8-18 @ 4989.0ft (NDSI SS #2)
Well:	I-32-8-18	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,264.0	12.15	135.20	5,148.7	-713.4	700.8	1,000.0	1.63	-1.02	-5.91
5,307.0	11.80	133.20	5,190.8	-719.6	707.2	1,008.9	1.26	-0.81	-4.65
5,351.0	12.10	132.70	5,233.8	-725.8	713.9	1,018.0	0.72	0.68	-1.14
5,365.6	12.30	132.56	5,248.1	-727.9	716.1	1,021.1	1.38	1.36	-0.94
I-32-8-18									
5,395.0	12.70	132.30	5,276.8	-732.2	720.8	1,027.5	1.38	1.36	-0.89
5,439.0	12.10	136.80	5,319.8	-738.8	727.6	1,036.9	2.58	-1.36	10.23
5,483.0	11.60	142.00	5,362.9	-745.6	733.5	1,045.9	2.68	-1.14	11.82
5,526.0	11.50	144.00	5,405.0	-752.5	738.6	1,054.5	0.96	-0.23	4.65
5,570.0	12.20	142.70	5,448.0	-759.8	744.0	1,063.4	1.70	1.59	-2.95
5,614.0	12.20	134.80	5,491.1	-766.7	750.1	1,072.7	3.79	0.00	-17.95
5,657.0	12.70	129.80	5,533.0	-773.0	757.0	1,081.9	2.76	1.16	-11.63
5,701.0	13.80	128.60	5,575.9	-779.3	764.8	1,091.9	2.58	2.50	-2.73
5,745.0	14.90	129.20	5,618.5	-786.2	773.3	1,102.8	2.52	2.50	1.36
5,789.0	15.80	129.80	5,660.9	-793.6	782.3	1,114.4	2.08	2.05	1.36
5,833.0	15.60	130.40	5,703.3	-801.3	791.4	1,126.2	0.59	-0.45	1.36
5,876.0	15.30	131.50	5,744.7	-808.8	800.1	1,137.6	0.98	-0.70	2.56
5,920.0	15.56	133.80	5,787.2	-816.7	808.7	1,149.3	1.51	0.59	5.23
5,964.0	15.40	135.60	5,829.6	-825.0	817.0	1,161.1	1.15	-0.36	4.09
6,008.0	15.20	136.60	5,872.0	-833.3	825.1	1,172.7	0.75	-0.45	2.27
6,052.0	15.20	136.70	5,914.5	-841.7	833.0	1,184.2	0.06	0.00	0.23
6,095.0	14.90	136.30	5,956.0	-849.8	840.7	1,195.4	0.74	-0.70	-0.93
6,139.0	14.24	136.80	5,998.6	-857.9	848.3	1,206.4	1.53	-1.50	1.14
6,183.0	13.70	137.90	6,041.3	-865.7	855.5	1,217.0	1.37	-1.23	2.50
6,227.0	12.83	138.80	6,084.1	-873.2	862.2	1,227.1	2.03	-1.98	2.05
6,271.0	12.20	139.70	6,127.0	-880.4	868.4	1,236.6	1.50	-1.43	2.05
6,314.0	11.51	140.00	6,169.1	-887.2	874.1	1,245.5	1.61	-1.60	0.70
6,358.0	10.94	140.00	6,212.3	-893.7	879.6	1,254.0	1.30	-1.30	0.00
6,402.0	10.27	141.28	6,255.5	-900.0	884.7	1,262.1	1.61	-1.52	2.91
6,446.0	9.98	142.47	6,298.8	-906.1	889.5	1,269.7	0.81	-0.66	2.70
6,490.0	9.60	143.50	6,342.2	-912.1	894.0	1,277.2	0.95	-0.86	2.34
6,520.0	9.58	145.00	6,371.8	-916.1	896.9	1,282.1	0.84	-0.07	5.00
6,574.0	9.58	145.00	6,425.0	-923.5	902.1	1,291.0	0.00	0.00	0.00

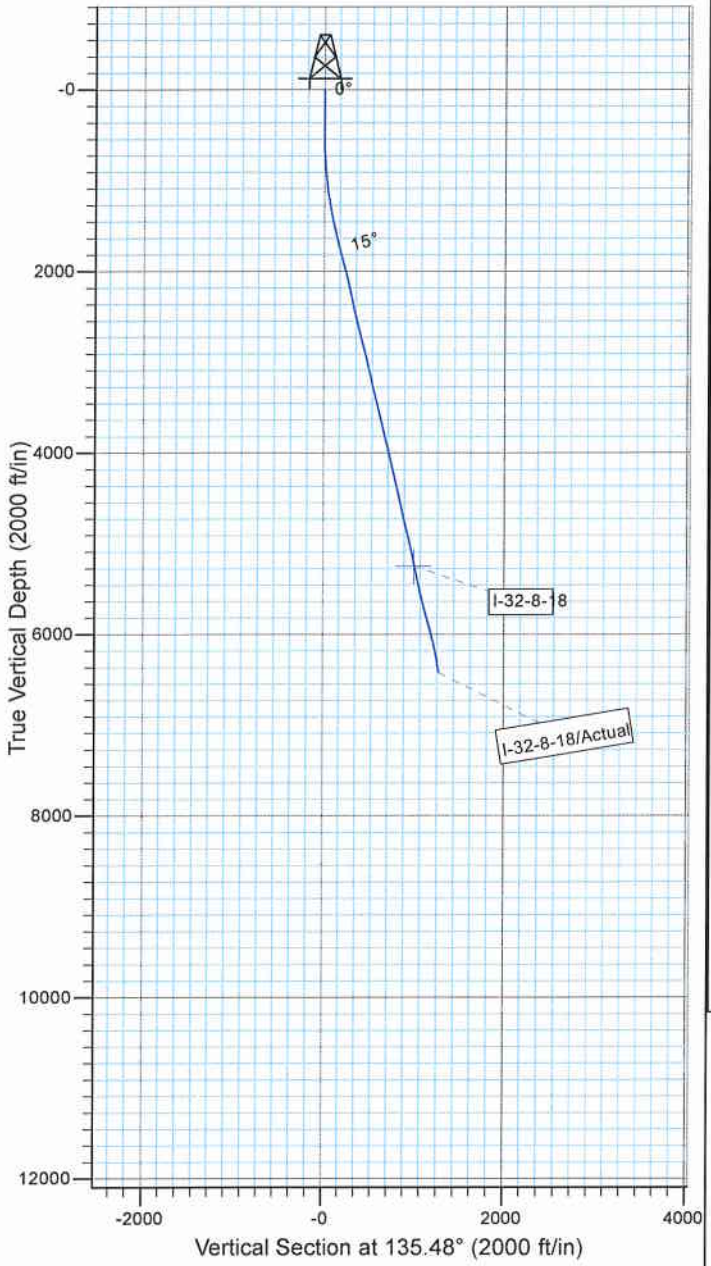
Checked By: _____ Approved By: _____ Date: _____

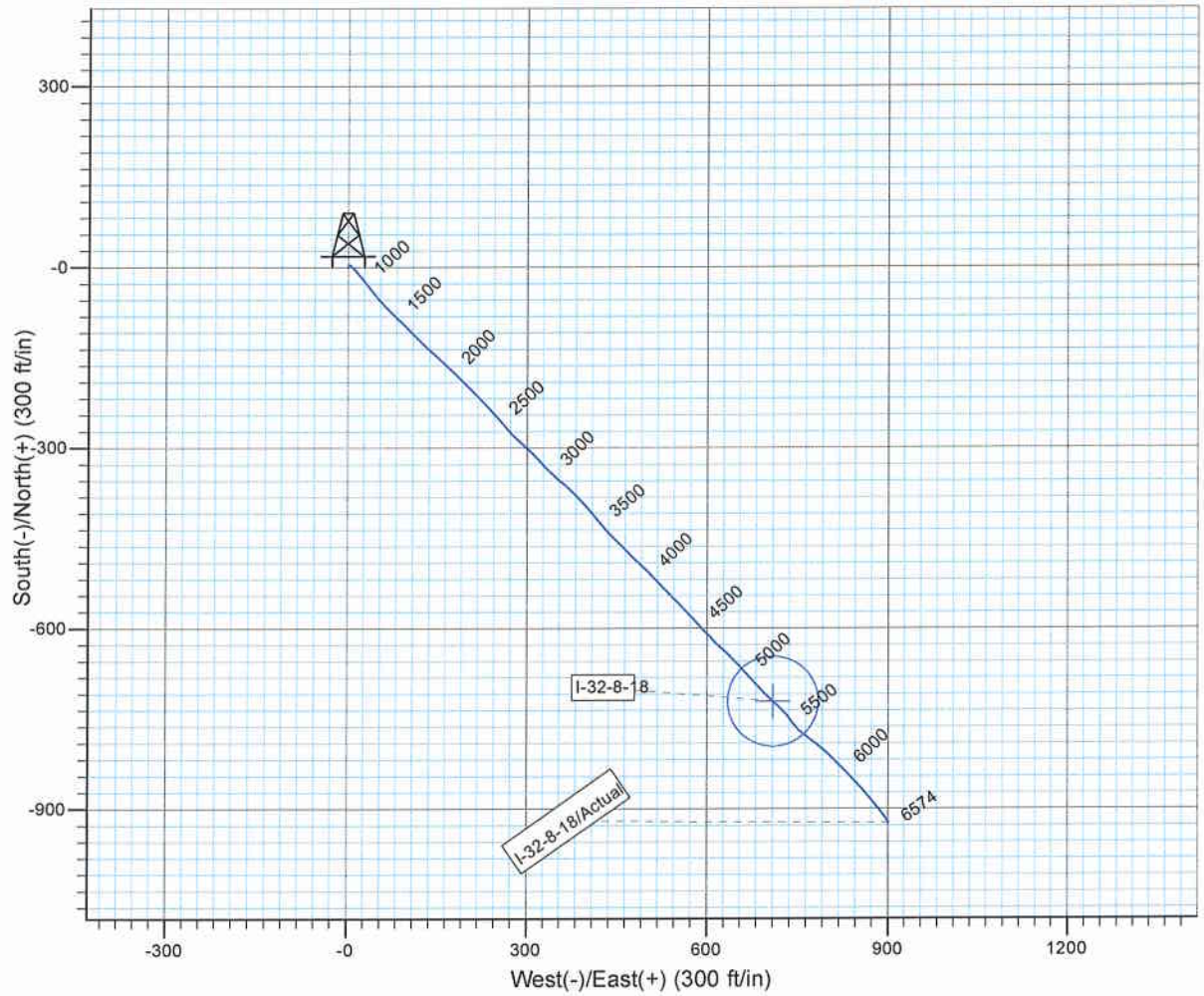
NEWFIELD

Project: USGS Myton SW (UT)
Site: SECTION 32 T8, R18
Well: I-32-8-18
Wellbore: Wellbore #1
Design: Actual

Azimuths to True North
Magnetic North: 11.25°

Magnetic Field
Strength: 52304.8snT
Dip Angle: 65.85°
Date: 7/21/2011
Model: IGRF2010





PAYZONE DIRECTIONAL

Design: Actual (I-32-8-18/Wellbore #1)

Created By: Sarah Webb Date: 11:25, October 05 2012

THIS SURVEY IS CORRECT TO THE BEST OF
MY KNOWLEDGE AND IS SUPPORTED
BY ACTUAL FIELD DATA

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-22058

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: GMBU (GRRV)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: GMBU I-32-8-18

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43047518770000

3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202

PHONE NUMBER: 303 382-4443 Ext

9. FIELD and POOL or WILDCAT: EIGHT MILE FLAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0664 FNL 1838 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 32 Township: 08.0S Range: 18.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION

- ☐ NOTICE OF INTENT — Approximate date work will start:
- ✓ SUBSEQUENT REPORT — Date of Work Completion: 4/1/2013
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Site Facility/Site Security

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

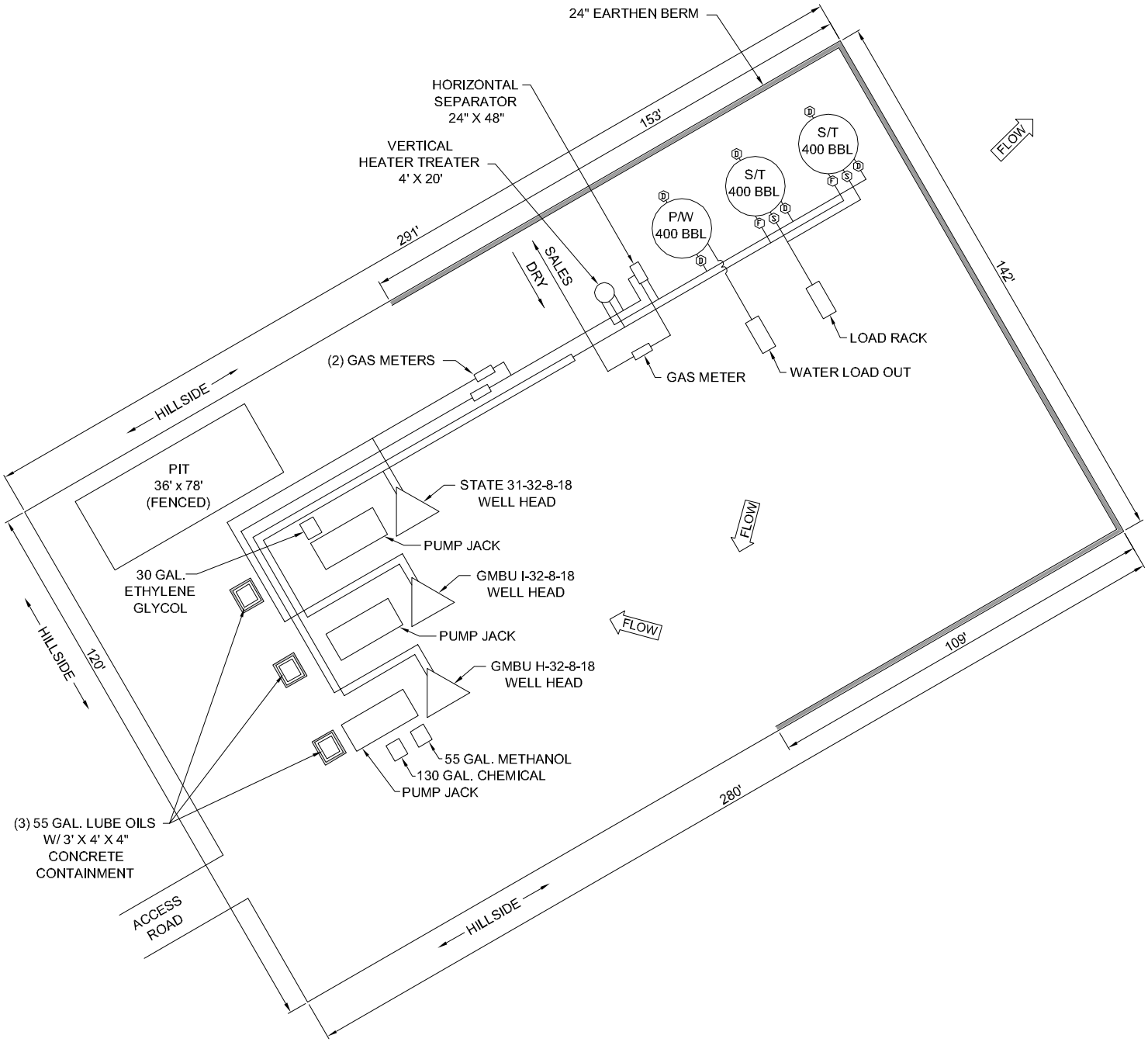
SEE ATTACHED REVISED SITE FACILITY DIAGRAM

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
May 01, 2013

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Jill L Loyle	303 383-4135	Regulatory Technician

SIGNATURE	DATE
N/A	4/22/2013

RECEIVED: Apr. 22, 2013



POSITION OF VALVES AND USE OF SEALS DURING PRODUCTION

Valve	Line Purpose	Position	Seal Installed
D	Drain	Closed	Yes
F	Oil, Gas, Water	Open	No
O	Overflow	Open/Closed	No
V	Vent	Open	No
R	Recycle	Closed	Yes
B	Blowdown	Open/Closed	No
S	Sales	Closed	Yes

Valve Type
D - Drain Valve
F - Flow Valve
O - Overflow
V - Vent
R - Recycle
B - Blow Down
S - Sales Valve

Federal Lease #: UTU-87538X
API #:

This lease is subject to the Site Security Plan for:
Newfield Exploration Company
19 East Pine Street
Pinedale, WY 82941

POSITION OF VALVES AND USE OF SEALS DURING SALES

Valve	Line Purpose	Position	Seal Installed
D	Drain	Closed	Yes
F	Oil, Gas, Water	Closed	Yes
O	Overflow	Closed	Yes
V	Vent	Open	No
R	Recycle	Closed	Yes
B	Blowdown	Closed	No
S	Sales	Open	No

POSITION OF VALVES AND USE OF SEALS DURING WATER DRAIN

Valve	Line Purpose	Position	Seal Installed
D	Drain	Open	No
F	Oil, Gas, Water	Closed	No
O	Overflow	Closed	No
V	Vent	Open	No
R	Recycle	Closed	Yes
B	Blowdown	Closed	No
S	Sales	Closed	Yes

STATE 31-32-8-18, GMBU H-32-8-18 AND GMBU I-32-8-18

Newfield Exploration Company
NWNE Sec 32, T8S, R18E
Uintah County, UT

M.G. | OCT 2012

KLEINFELDER
Bright People. Right Solutions.

Note: This drawing represents approximate sizes and distances. Underground pipeline locations are also approximated.

RECEIVED: Apr. 22, 2013

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-22058

SUNDRY NOTICES AND REPORTS ON WELLS

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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: GMBU I-32-8-18

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43047518770000

3. ADDRESS OF OPERATOR: 4 WATERWAY SQUARE PL STE 100 , THE WOODLANDS, TX, 77380

PHONE NUMBER: 435-646-4802

9. FIELD and POOL or WILDCAT: 8 MILE FLAT NORTH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 664 FNL 1838 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 32 Township: 8S Range: 18E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 5/24/2018	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	✓ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Newfield proposes to Plug and Abandon the above mentioned well.
See attached P&A well procedure.

Approved by the Utah Division of Oil, Gas and Mining

Date: June 14, 2018

By: Dark K Quant

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Specialist
SIGNATURE N/A		**DATE** 5/24/2018

RECEIVED: May. 24, 2018

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047518770000

1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Bart Kettle at 435-820-0862.

2. All balanced plugs shall be tagged to ensure they are at the depths specified in the procedure.

3. All annuli shall be cemented from a minimum depth of 100' to the surface.

4. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.

5. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.

6. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.

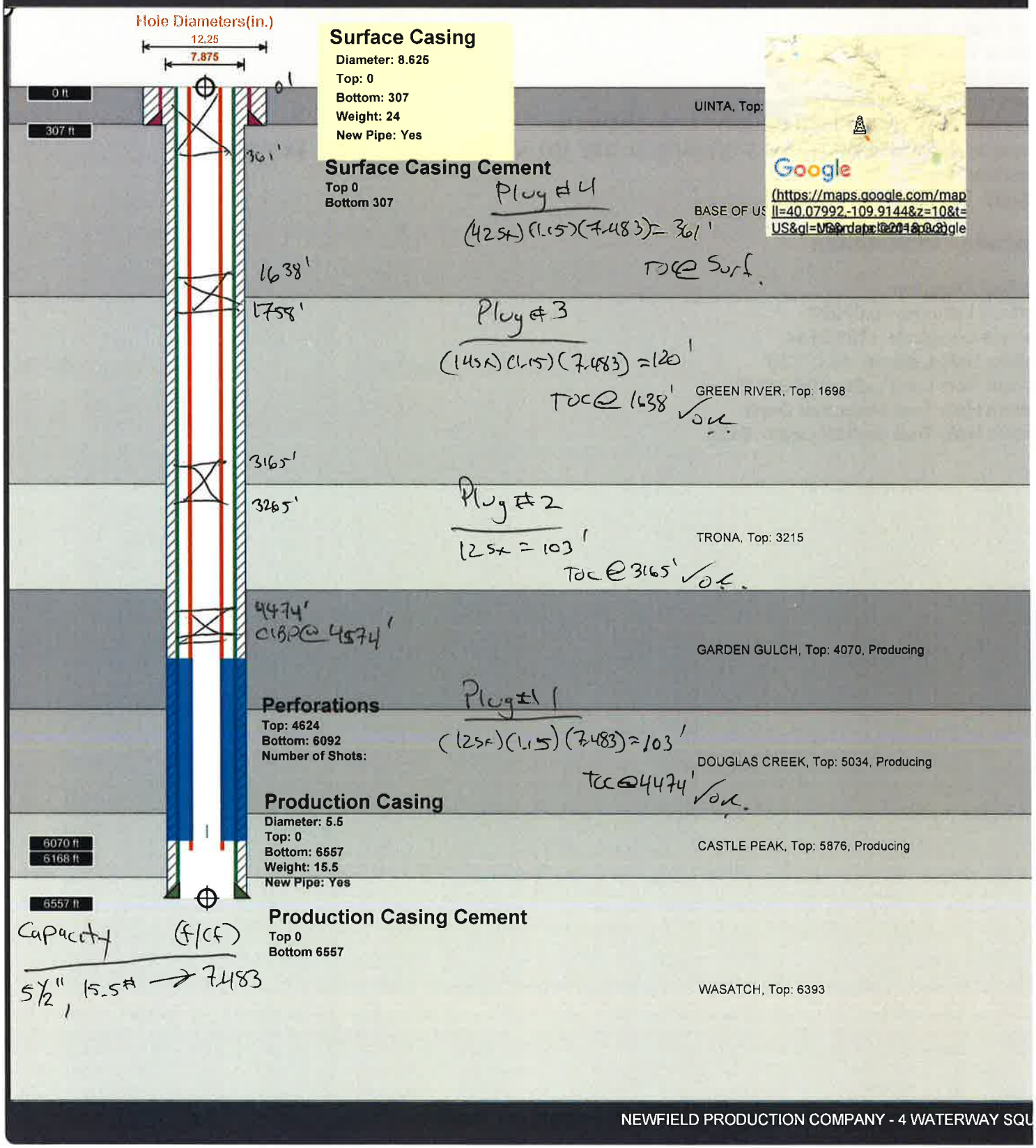
7. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

RECEIVED: Jun. 14, 2018

Wellbore Schematic Diagrammer v 2.6

Show Data

GMBU I-32-8-18: #43-047-51877-00-00



NEWFIELD PRODUCTION COMPANY - 4 WATERWAY SQU

NEWFIELD PRODUCTION COMPANY
GMBU I-32-8-18
Plug & Abandonment Procedure

DOWNHOLE DATA		
Elevation:	4977' GL; 4990' KB	
TD:	6574'	
Surface casing:	8-5/8" J-55 24# @ 311' cmt w/ 160 sxs to surface	
Production casing:	5-1/2" J-55 15.5# @ 6560' cmt w/ 805 sxs	TOC @ 60' (as per CBL)
PBTD:	6516'	
Tubing:	See WBD	
Existing Perfs:	4624-26', 4843-44', 4846-47', 4850-51', 5126-27', 5130-31', 5360-61', 5367-68', 5371-72', 5892-93', 6087-88', 6091-92' w/ 3 SPF	See WBD for Treatment information
Notes:	**Current records show HIT**	

PROCEDURE

1. Notify State of Utah DNR & BLM as necessary prior to P&A. Dig, line, and fence pit as necessary for cement wash up and returns. Test anchors. Move tanks onto location 1 week before operations begin in order to blow down well. MIRU.

2. Verify no H2S is present in flow stream (may have to bullhead H2S scavenger prior to removing WH or installing BOPs).

3. RD pumping unit & unseat rod pump.

4. Flush tbg & rods.

5. Soft seat rod pump and pressure test tbg to 2000 psi.

6. TOOH & LD rod string (hot oil as necessary).

7. ND WH and NU BOPs. (Note: Wellbore fluid will be only barrier during NU operations.)

8. Release TAC.

9. TOOH with and tally tubing. The existing tubing in the well will be used as work string. LD extra tbg not needed for cementing.

10. Make bit & scraper run to ~4600'. TOOH w/ same

11. TIH with 5-1/2" CIBP and set at 4574'. Pressure test tbg to 1500 psi before un-stinging from CIBP. After un-stinging from CIBP, pressure test CIBP & csg to 1000 psi for 5 minutes.

12. Circulate well clean with corrosion inhibitor and biocide in fresh water.

13. RU cement company.

14. **Plug #1**: Mix and pump 12 sxs 15.8# Class G cement (2.5 bbls) to set a 100' plug from 4574' to 4474' on top of CIBP.

15. TOOH to 3265'.

16. **Plug #2**: Mix and pump 12 sxs 15.8# Class G cement (2.5 bbls) for a 100' balanced plug from 3265' to 3165'. This plug will isolate the Trona zone @ 3215'.

17. Pull tubing 100'+/- above cement, reverse circulate to clean pipe and ensure clean TOC.

18. Wait minimum of 3 hours before tagging balance plug (TOC).

19. TOOH to 1758'.

20. **Plug #3**: Mix and pump 14 sxs 15.8# Class G cement (2.86 bbls) for a 120' balanced plug from 1758' to 1638'. This plug will isolate the Uinta/Green River contact at 1698'.

21. Pull tubing 100'+/- above cement, reverse circulate to clean pipe and ensure clean TOC.

22. Wait minimum of 3 hours before tagging balance plug (TOC).

23. TOOH to 361'.

24. **Plug #4**: Mix and pump 42 sxs 15.8# Class G cement (8.6 bbls) from 361' to surface'. This plug isolates 8-5/8" csg shoe at 311' and USDW.

25. TOOH w/ remaining tbg.

26. ND and wash BOPs.

27. RDMO rig.

28. MI welder and cut off 5-1/2" and 8-5/8" casing 3 feet below grade and ensure TOC is to surface in both 8-5/8" and 5-1/2". Top off if necessary (TOC @ 60' as per CBL, plan to use 1" to top off w/ 10 sxs cement from 60' to surface). RD & release cement equipment.

29. Weld on P&A marker. Record GPS coordinates on daily report.

NEWFIELD

Newfield Downhole Well Profile

Well Name: GMBU I-32-8-18

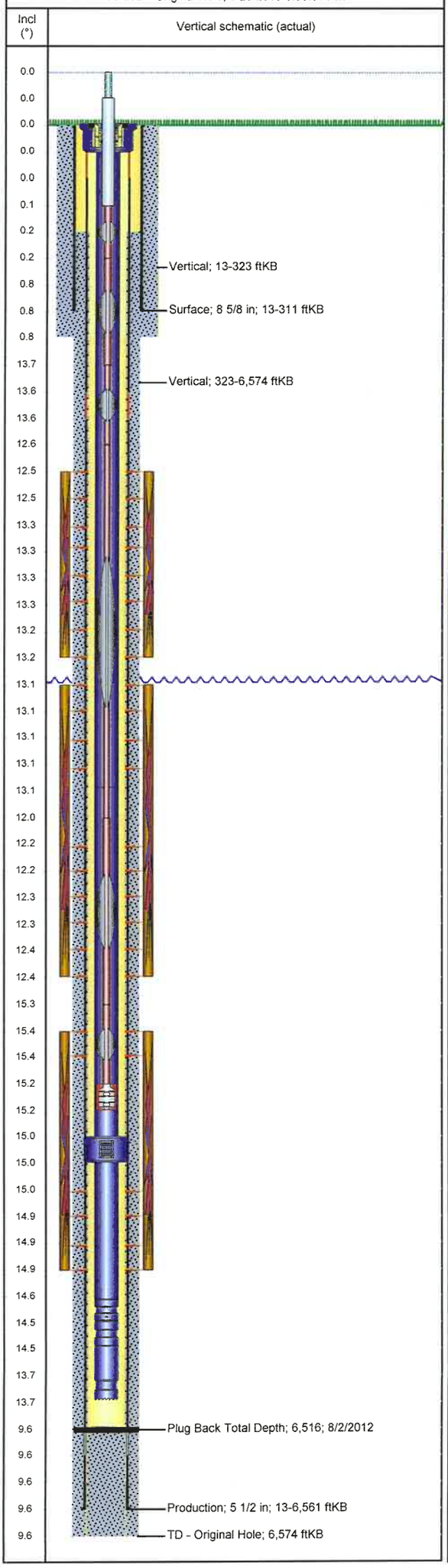
Current

API/UWI	Surface Legal Location	Field Name	Well RC	State/Province	Well Type	Well Config
43047518770000	32-8S-18E	GMBU CTB9	500323069	Utah	Development	Vertical

GMBU I-32-8-18

On Production Date	Orig KB Elev (ft)	Ground Elevation (ft)	KB-Grd (ft)	Total Depth (All) (ftKB)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)
8/27/2012	4,990	4,977	13	Original Hole - 6,574.0	Original Hole - 6,425.0	Original Hole - 6,516.4

Vertical - Original Hole, 5/23/2018 6:35:37 AM



Casing Strings

Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top (ftKB)	Set Depth (ftKB)	Run Date
Surface	8 5/8	24.00	HCP-110	13.0	311	7/11/2012
Production	5 1/2	15.50	J-55	13.0	6,561	8/2/2012

Tubing Strings

Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)
Tubing	7/10/2014	6,170.04	6,183.0

Item Des	Jts	Len (ft)	Top (ftKB)	OD (in)	ID (in)	Wt (lb/ft)	Grade	Model
Tubing Hanger	1	0.90	13.0	7 1/16	2.44			
Tubing	162	5,117.60	13.9	2 7/8	2.44	6.50	J-55	T&C Upset
Tubing	29	950.62	5,131.5	2 7/8	2.44	6.50	J-55	T&C Upset
Anchor/catcher	1	2.80	6,082.1	5 1/2				
Tubing	1	33.02	6,084.9	2 7/8	2.44	6.50	J-55	T&C Upset
Pump Seating Nipple	1	1.10	6,117.9	2 7/8				
Bleed Nipple	1	0.70	6,119.0	2 7/8				
Tubing	2	62.80	6,119.7	2 7/8	2.44	6.50	J-55	T&C Upset
Notched collar	1	0.50	6,182.5	2 7/8				

Rod Strings

Rod Description	Run Date	Original Run Date	Set Depth (ftKB)
Rod	7/10/2014	7/10/2014	6,052.0

OD (in)	Item Des	Jts	Len (ft)
7/8	Pony Rod	1	2.00
1 1/2	Polished Rod	1	30.00
7/8	Rod Guide - 8 per	2	50.00
7/8	Rod Guide - 4 per	80	2,000.00
3/4	Rod Guide - 4 per	100	2,500.00
3/4	Rod Guide - 8 per	30	750.00
7/8	Rod Guide - 4 per	22	550.00
7/8	Rod Guide - 8 per	1	150.00
2 1/2	1 1/2"Rod Insert Pump	1	20.00

NEWFIELD

Newfield Downhole Well Profile

Well Name: GMBU I-32-8-18

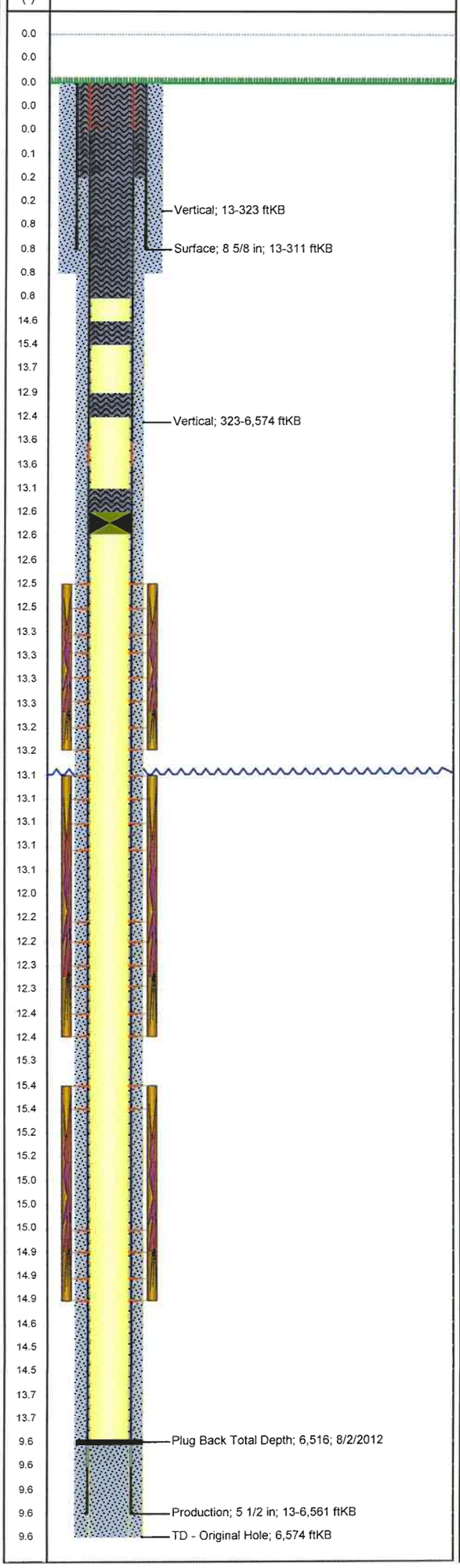
Proposed

API/UWI	Surface Legal Location	Field Name	Well RC	State/Province	Well Type	Well Config
43047518770000	32-8S-18E	GMBU CTB9	500323069	Utah	Development	Vertical

GMBU I-32-8-18

On Production Date	Orig KB Elev (ft)	Ground Elevation (ft)	KB-Grd (ft)	Total Depth (All) (ftKB)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)
8/27/2012	4,990	4,977	13	Original Hole - 6,574.0	Original Hole - 6,425.0	Original Hole - 6,516.4

Vertical - Original Hole, 5/23/2018 7:26:54 AM



Casing Strings

Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top (ftKB)	Set Depth (ftKB)	Run Date
Surface	8 5/8	24.00	HCP-110	13.0	311	7/11/2012
Production	5 1/2	15.50	J-55	13.0	6,561	8/2/2012

Tubing Strings

Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)
Tubing	7/10/2014	6,170.04	6,183.0

Item Des	Jts	Len (ft)	Top (ftKB)	OD (in)	ID (in)	Wt (lb/ft)	Grade	Model
Tubing Hanger	1	0.90	13.0	7 1/16	2.44			
Tubing	162	5,117.60	13.9	2 7/8	2.44	6.50	J-55	T&C Upset
Tubing	29	950.62	5,131.5	2 7/8	2.44	6.50	J-55	T&C Upset
Anchor/catcher	1	2.80	6,082.1	5 1/2				
Tubing	1	33.02	6,084.9	2 7/8	2.44	6.50	J-55	T&C Upset
Pump Seating Nipple	1	1.10	6,117.9	2 7/8				
Bleed Nipple	1	0.70	6,119.0	2 7/8				
Tubing	2	62.80	6,119.7	2 7/8	2.44	6.50	J-55	T&C Upset
Notched collar	1	0.50	6,182.5	2 7/8				

Rod Strings

Rod Description	Run Date	Original Run Date	Set Depth (ftKB)
Rod	7/10/2014	7/10/2014	6,052.0

OD (in)	Item Des	Jts	Len (ft)
7/8	Pony Rod	1	2.00
1 1/2	Polished Rod	1	30.00
7/8	Rod Guide - 8 per	2	50.00
7/8	Rod Guide - 4 per	80	2,000.00
3/4	Rod Guide - 4 per	100	2,500.00
3/4	Rod Guide - 8 per	30	750.00
7/8	Rod Guide - 4 per	22	550.00
7/8	Rod Guide - 8 per	1	150.00
2 1/2	1 1/2"Rod Insert Pump	1	20.00

Other In Hole

Description	Top (ftK...	Btm (ft...	OD (in)	ID (in)	Run Date	Equipment Type
CIBP	4,574	4,576	4.95			Other

Make	Model	Serial Number

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER:
ML-22058

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:
GMBU (GRRV)

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
GMBU I-32-8-18

2. NAME OF OPERATOR:
Newfield Production Company

9. API NUMBER:
43047518770000

3. ADDRESS OF OPERATOR:
4 Waterway Square Place, Suite 100 , The Woodlands, TX, 77380

PHONE NUMBER:
435-646-4802

9. FIELD and POOL or WILDCAT:
8 MILE FLAT NORTH

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
664 FNL 1838 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWNE Section: 32 Township: 8S Range: 18E Meridian: S

COUNTY:
UINTAH

STATE:
UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 4/24/2018	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	✓ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Newfield is requesting a 12 month SU Well Extension on the above mentioned well. The well is currently SI due to the fact that it is producing at a very low uneconomical volume. The referenced well would not pose a risk to public health and safety as the static fluid level of the subject well is below the Base of Moderately Saline Water (BMSW) see attached data which includes casing pressures, fluid levels, and cement levels. The data provided confirms well integrity. Upon Approval, Newfield will commit to quarterly monitoring and submittal of production and tubing pressures and annual monitoring and submittal of fluid levels to continue to document well integrity during the shut-in period.

Approved by the Utah Division of Oil, Gas and Mining

Date: February 14, 2019

By: Dark K Quant

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Specialist

SIGNATURE	DATE
N/A	4/24/2018

RECEIVED: Apr. 24, 2018

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047518770000

Approval valid through 5/1/2019. As proposed, pressures and fluid levels shall be monitored throughout the year. Any change in pressure or fluid level should be reported to the Division immediately, remedial action may be required.

RECEIVED: Feb. 14, 2019

GMBU I-32-8-18 (43-047-51877)

Newfield is requesting a 12 month SI Well Extension on the above mentioned well.

Newfield plans will be to monitor production and tubing pressures on a quarterly basis and to shoot fluid levels on an annual basis.

At current commodity pricing, this well have been deemed uneconomical to repair and produce.

The provided information will establish well integrity for the extended SI request:
1. A current Wellbore diagram
2. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure)
3. Fluid level in the wellbore

The data provided establishes that this well integrity and is in no way a risk to public health and safety or the environment.

Newfield Production	Fluid Shot Depth to Fluid Level	Surface Csg PSI	Surface Csg Depth, ft	Production Csg PSI	Production Csg TOC, ft	Tbg PSI	BMSW Depth, ft
I-32-8-18	52	0	307	719	60	580	200

RECEIVED: Apr. 24, 2018

NEWFIELD

Schematic - Current

Well Name: GMBU I-32-8-18

Well RC	API/UWI	Surf Loc	Field Name	State/Province	County	Well Type	Well Config
500323069	43047518770000	32-8S-18E	GMBU CTB9	Utah	Uintah	Development	Vertical

Orig KB Elev (ft)	Rig Release Date	Initial Comp - Start Date	Initial Comp End Date	On Production Date	Ground Elevation (ft)	Total Depth (ftKB)	TD All (TVD) (ftKB)	PBTD (All) (ftKB)
4,990	8/2/2012	8/18/2012	8/27/2012	8/27/2012	4,977	6,574.0		

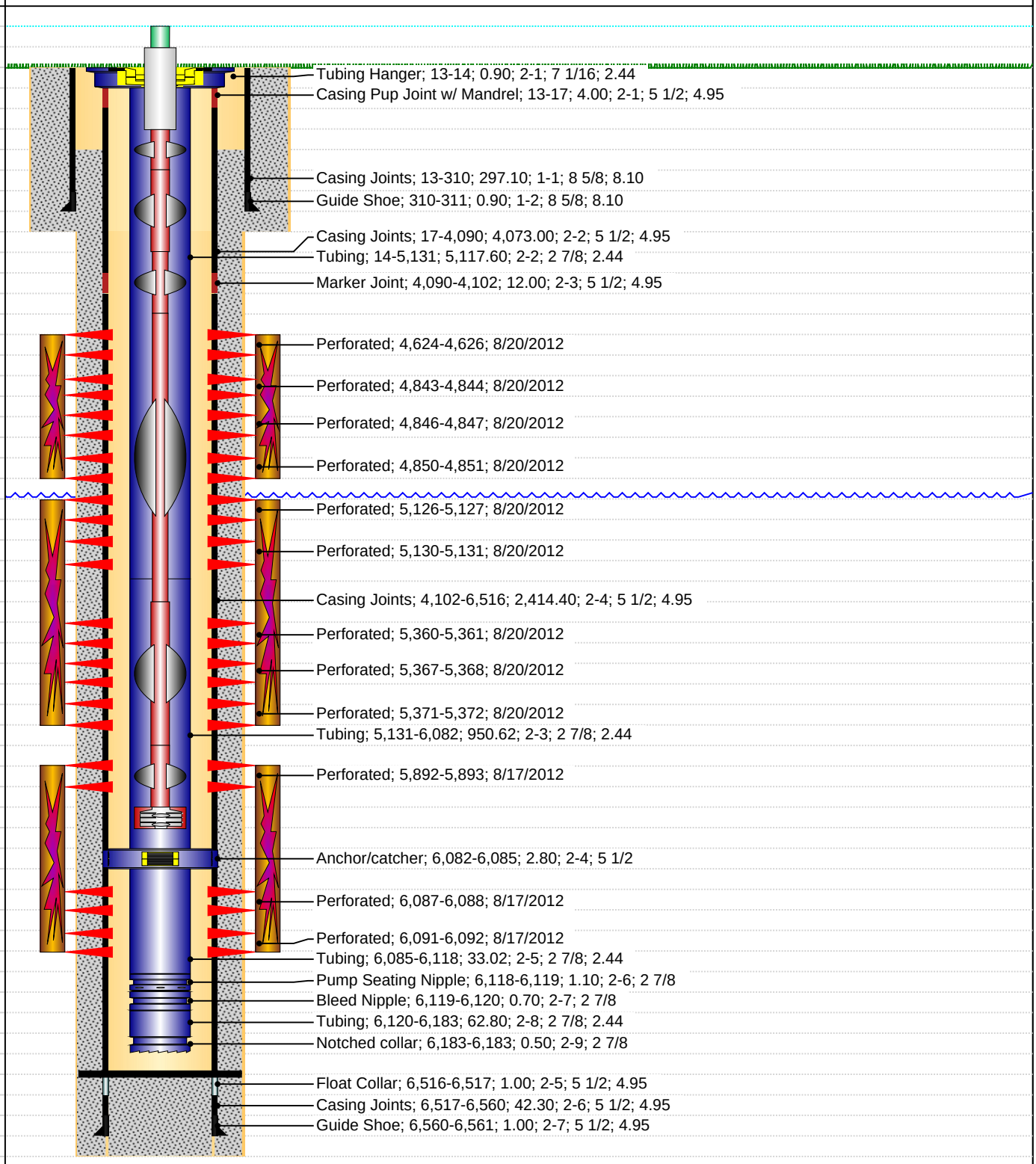
Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Production / Workover	Repairs	Pump Repair	7/9/2014	7/10/2014

TD: 6,574.0

Vertical - Original Hole, 4/24/2018 4:32:58 PM

MD (ftKB)	Vertical schematic (actual)
0.0	
13.1	Tubing Hanger; 13-14; 0.90; 2-1; 7 1/16; 2.44
17.1	Casing Pup Joint w/ Mandrel; 13-17; 4.00; 2-1; 5 1/2; 4.95
60.0	
310.0	Casing Joints; 13-310; 297.10; 1-1; 8 5/8; 8.10
323.2	Guide Shoe; 310-311; 0.90; 1-2; 8 5/8; 8.10
4,089.9	Casing Joints; 17-4,090; 4,073.00; 2-2; 5 1/2; 4.95
4,582.0	Tubing; 14-5,131; 5,117.60; 2-2; 2 7/8; 2.44
4,626.0	Marker Joint; 4,090-4,102; 12.00; 2-3; 5 1/2; 4.95
4,844.2	Perforated; 4,624-4,626; 8/20/2012
4,847.1	Perforated; 4,843-4,844; 8/20/2012
4,851.0	Perforated; 4,846-4,847; 8/20/2012
5,127.0	Perforated; 4,850-4,851; 8/20/2012
5,130.9	Perforated; 5,126-5,127; 8/20/2012
5,332.0	Perforated; 5,130-5,131; 8/20/2012
5,360.9	Casing Joints; 4,102-6,516; 2,414.40; 2-4; 5 1/2; 4.95
5,368.1	Perforated; 5,360-5,361; 8/20/2012
5,372.0	Perforated; 5,367-5,368; 8/20/2012
5,892.1	Perforated; 5,371-5,372; 8/20/2012
6,032.2	Tubing; 5,131-6,082; 950.62; 2-3; 2 7/8; 2.44
6,082.0	Perforated; 5,892-5,893; 8/17/2012
6,086.9	Anchor/catcher; 6,082-6,085; 2.80; 2-4; 5 1/2
6,090.9	Perforated; 6,087-6,088; 8/17/2012
6,117.8	Perforated; 6,091-6,092; 8/17/2012
6,119.8	Tubing; 6,085-6,118; 33.02; 2-5; 2 7/8; 2.44
6,183.1	Pump Seating Nipple; 6,118-6,119; 1.10; 2-6; 2 7/8
6,517.4	Bleed Nipple; 6,119-6,120; 0.70; 2-7; 2 7/8
6,560.7	Tubing; 6,120-6,183; 62.80; 2-8; 2 7/8; 2.44
	Notched collar; 6,183-6,183; 0.50; 2-9; 2 7/8
	Float Collar; 6,516-6,517; 1.00; 2-5; 5 1/2; 4.95
	Casing Joints; 6,517-6,560; 42.30; 2-6; 5 1/2; 4.95
	Guide Shoe; 6,560-6,561; 1.00; 2-7; 5 1/2; 4.95



Well Name:	**GMBU I-32-8-18**
API:	**43047518770000**

Input Data (Provided By Operator)								Output Data									Data Comparative	
Sfc Csg Depth	**Sfc Csg Psi**	**Prod Csg Psi**	**Tbg Psi**	**Fluid Level**	**Depth (Csg, Perf or Plug back)**	**BMSGW Depth**	**TOC**	**Water Column Dx**	**Gas Head Psi**	**Water Head Psi**	**Frac @TOC**	**Calc Press @ TOC**	**Calc Press @ Sfc Shoe**	**Formation Frac @ Sfc Shoe**	**Calculated Reservoir Pressure Total**	**Normal Press @ TOC**	**Normal Press @ Sfc Shoe**	**Normal Reservoir Psi for Depth**
307	**0**	**719**	**580**	**52**	**4624**	**200**	**60**	**4572**	**5**	**1980**	**42**	**762**	**835**	**215**	**2704**	**26**	**133**	**2,002**
Packer	**No**																	
Fluid Gradient psi/ft	**0.433**																	
Gas Gradient psi/ft	**0.1**																	
Frac Gradient psi/ft	**0.7**																	

	SCENARIOS	**Indicates Integrity?**
#1	SFC CSG = 0 PSI MEANS NO COMMUNICATION, REASSURING INTEGRITY	Yes
#2	If measured reservoir psi is equal to normal gradient reservoir pressure, well probably has integrity. If pressure is less, well could lack integrity explained by pressure bleeding into a shallower formation. To evaluate a depleted reservoir, current reservoir pressure would need to be used in evaluation.	No
#3	If calculated pressure at SFC shoe is between the normal pressure and frac pressure at the surface shoe, then fluid could be moving into the formation.	Yes
#4	If packer is in the hole, with psi on tbg and no psi on prod csg, this indicates tbg and packer integrity.	NA
#5	If fluid level is lower than BMSGW then indicates reduced risk of contamination.	No

RECEIVED: Feb. 14, 2019

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-22058

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: GMBU (GRRV)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: GMBU I-32-8-18

2. NAME OF OPERATOR: Newfield Production Company

9. API NUMBER: 43047518770000

3. ADDRESS OF OPERATOR: 4 Waterway Square Place, Suite 100 , The Woodlands, TX, 77380

PHONE NUMBER: 435-646-4802

9. FIELD and POOL or WILDCAT: 8 MILE FLAT NORTH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 664 FNL 1838 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 32 Township: 8S Range: 18E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
✓ SUBSEQUENT REPORT Date of Work Completion: 4/11/2019	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
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	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	✓ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Q1 2019 Monitoring Results as per the Approved Shut-In well extension for the above mentioned well.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
May 21, 2019

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Specialist

SIGNATURE	DATE
N/A	4/11/2019

RECEIVED: Apr. 11, 2019

April 11, 2019

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

RE: Q1 2019 Shut-In Well Monitoring Report

Dear Dustin:

Attached please find a **quarterly** monitoring report on all of the Shut-In Wells that have been granted an extension. The monitoring data includes pressures, fluid levels, and depths to the Base of Moderately Saline Water (BMSW).

I have included as an attachment a list of all wells that have been granted a Long Term Shut-In Extension. If you have any questions or concerns, please feel free to contact me.

Sincerely,

Mandie Crozier

Mandie Crozier
Sr Regulatory Specialist

RECEIVED: Apr. 11, 2019

2019 Q1 Monitor Reporting

Long Term SI Sundry Approvals

	Name	API Number	Submittal Date	Approval Date	Valid Through
1	Carter 12-24-4-1W	43-013-50114	4/24/18	2/14/19	**5/1/2019**
2	GMBU I-32-8-18	43-047-51877	4/24/18	2/14/19	**5/1/2019**
3	Mon. Butte H-2-9-16	43-013-33218	4/24/18	2/14/19	**5/1/2019**
4	State 15-36-8-15	43-013-34221	6/11/18	7/16/18	**6/15/2019**
5	UTD State 36-K-8-18	43-047-32580	6/11/18	2/14/19	**7/1/2019**
6	Gilsonite State L-32-8-17	43-013-33864	6/11/18	7/16/18	**7/1/2019**
7	Osmond Meyer 15-28-4-1E	43-047-40256	6/11/18	7/16/18	**7/1/2019**

Long Term SI Sundry Submittals

	Name	API Number	Submittal Date	Approval Date	Valid Through
1	State 15-2-9-18	43-047-35780	11/9/18		**Waiting on Extension**
2	Hancock 1-27-4-1	43-047-38365	11/9/18		**Waiting on Extension**
3	Moon 3-20-4-2	43-013-50007	4/4/19		**Waiting on Extension**
4	State 3-16-9-18	43-047-35813	4/4/19		**Waiting on Extension**
5	Sundance State 4-32-8-18	43-047-32827	4/4/19		**Waiting on Extension**
6	Allen Trust 2-24-4-2W	43-013-31944	4/4/19		**Waiting on Extension**
7	Hancock 8-24-4-1W	43-047-51168	4/4/19		**Waiting on Extension**
8	State 1-16-9-18	43-047-35811	4/4/19		**Waiting on Extension**
9	Wells Draw 4-32-8-16	43-013-32222	4/4/19		**Waiting on Extension**
10	Wells Draw 2-32-8-16	43-013-32220	4/4/19		**Waiting on Extension**
11	State 12-36-8-15	43-013-34224	4/4/19		**Waiting on Extension**
12	Roberts 4-19-4-1	43-013-50072	4/4/19		**Waiting on Extension**
13	Hancock 12-7-4-1W	43-013-50422	4/4/19		**Waiting on Extension**
14	Malnar 9-19-4-1	43-013-33913	4/4/19		**Waiting on Extension**
15	Lamb 1-34-4-1E	43-047-40275	4/4/19		**Waiting on Extension**
16	Meagher 9-20-4-2	43-013-50399	4/4/19		**Waiting on Extension**
17	State 6-2-9-18	43-047-35778	4/4/19		**Waiting on Extension**
18	Rex Lamb 34-1-4-1E	43-047-31528	4/4/19		**Waiting on Extension**
19	Stewart 7-29-4-2	43-013-50301	4/4/19		**Waiting on Extension**
20	State 9-16-9-18	43-047-35819	4/4/19		**Waiting on Extension**
21	State 9-2-9-18	43-047-35785	4/4/19		**Waiting on Extension**
22	GMBU L-32-8-18	43-047-51879	4/4/19		**Waiting on Extension**
23	State 3-2-9-18	43-047-35775	4/4/19		**Waiting on Extension**
24	Hancock 4-20-4-1W	43-013-33701	4/4/19		**Waiting on Extension**
25	Terry Prewitt 12-19-4-1W	43-013-50075	4/4/19		**Waiting on Extension**
26	Odekirk Springs M-36-8-17	43-047-38318	4/4/19		**Waiting on Extension**
27	Osmond Meyer 13-28-4-1E	43-047-40257	4/4/19		**Waiting on Extension**
28	GMBU R-32-8-18	43-047-51880	4/4/19		**Waiting on Extension**
29	GDR Brothers 7-2-3-2W	43-013-50954	4/4/19		**Waiting on Extension**
30	State 2-2-9-18	43-047-35774	4/4/19		**Waiting on Extension**
31	State 5-2-9-18	43-047-35777	4/4/19		**Waiting on Extension**
32	State 7-2-9-18	43-047-35787	4/4/19		**Waiting on Extension**
33	Prewitt 9-24-4-2W	43-013-31864	4/11/19		**Waiting on Extension**
34	GMBU H-16-9-17	43-013-50788	4/11/19		**Waiting on Extension**
35	GMBU I-16-9-17	43-013-50790	4/11/19		**Waiting on Extension**
36	Stewart 3-24-4-2W	43-013-50294	4/11/19		**Waiting on Extension**
37	Osmond Meyer 1-33-4-1E	43-047-40367	4/11/19		**Waiting on Extension**
38	Malnar 13-20-4-1W	43-013-34062	4/11/19		**Waiting on Extension**
39	Moon 2-29-4-2	43-013-50003	4/11/19		**Waiting on Extension**

Long Term SI Wells No Longer Requiring Monitoring

	Name	API Number	Submittal Date	Approval Date	Valid Through
1	Moon 1-20-4-2	43-013-50008	11/6/17	2/15/18	**Returned to Production**
2	Hancock 11-21-4-1	43-013-33242	11/7/17	2/15/18	**Returned to Production**
3	Hancock 4-21-4-1	43-013-50015	11/7/17	11/15/17	**Returned to Production**
4	Hancock 14-23-4-1	43-047-33080	11/7/17	11/15/17	**Returned to Production**
5	Hancock 6-20-4-1	43-013-33702	11/7/17	11/14/17	**Returned to Production**
6	Malnar 13-20-4-1	43-013-34062	11/7/17	11/14/17	**Returned to Production**
7	Moon 4-29-4-2	43-013-50004	11/7/17	2/15/18	**Returned to Production**
8	Hancock 1-24-4-1	43-047-50968	11/30/17	2/15/18	**Returned to Production**
9	Welch 13-19-4-1E	43-047-50868	11/30/17	2/15/18	**Returned to Production**
10	State 8-2-9-18	43-047-35786	11/30/17	2/15/18	**Returned to Production**
11	Schwab-Stollmack 4-24-4-1W	43-047-51167	12/4/17	2/15/18	**Returned to Production**
12	GMBU G-16-9-16	43-013-51448	4/24/18	NA	**Returned to Production**
13	GMBU R-2-9-15	43-013-50906	4/24/18	NA	**Returned to Production**
14	Stewart 1A-29-4-2	43-013-50299	4/24/18	NA	**Returned to Production**
15	Lamb 2-34-4-1E	43-047-40274		NA	**Returned to Production**
16	Hancock 1-20-4-1	43-013-50020	10/24/18	10/24/18	**Returned to Production**
17	Moon 1-29-4-2	43-013-50006	10/24/18	10/24/18	**Returned to Production**

Q4 2018 - Q1 2019 Plug and Abandoned Wells

	Name	API Number	P&A Date
1	Tar Sands Fed 2-29-8-17	43-013-32064	10/1/18
2	GMBU I-36-8-17	43-047-51506	10/4/18
3	Fred Morris Fed 19-1-9-17	43-013-30587	10/9/18
4	Federal 2-9-9-18	43-047-36048	10/10/18
5	Federal 10-9-9-18	43-047-36051	10/11/18
6	UTD Chasel 24-14-9-18	43-047-32566	10/19/18
7	Hendel Fed 1-17-9-19	43-047-30059	10/26/18
8	Hendel Fed 3-17-9-19	43-047-30074	10/31/18
9	Ute Tribal 4-13-4-2W	43-013-50412	11/6/18
10	Ute Tribal 16-21-4-2	43-013-34034	11/9/18
11	Ute Tribal 14-21-4-2	43-013-34036	11/14/18
12	State 13-32-8-16	43-013-31112	11/20/18
13	Pleasant Valley 1 (1-21-8-16)	43-013-30394	12/19/18
14	Birkdale Fed 13-34-9-18	43-047-32777	12/28/18
15	Federal 13-22-9-16	43-013-33148	1/23/19

RECEIVED: Apr. 11, 2019

Newfield Production	API	LEASE	SI Year	Fluid Shot Depth to Fluid Level	Surface Csg PSI	Surface Csg Depth, ft	Production Csg PSI	Production Csg TOC, ft	Tbg PSI	BWSW Depth, ft
Carter 12-24-4-1W	4301350014	FEE	2017	4870.23	0	455	654	20	0	1000
GBU I-32-8-18	4304751877	ML-22058	2016	0	0	307	550	60	550	200
Mon Butte H-2-9-16	4301333218	ML-21839	2015	0'	0	325	1420	0	1320	500
State 15-36-8-15	4301334221	ML-21835	2017	2162	0	630	950	32	220	550
UTD 36-K-8-18	4304732580	ML-22057	2017	4222	5	329	305	1450	0	500
Gilsonite L-32-8-17	4301333864	ML-22060	2017	Producing		413		66		200
OSMOND MEYER 15-28-4-1E	4304740256	FEE	2017	5744	0	443	1019	100	900	400
State 15-2-9-18	4304735780	ML-48377	2017	4951	0	316	590	269	26	200
Hancock 1-27-4-1	4304738365	FEE	2017	1713	0	321	31	24	0	300
MOON 3-20-4-2	4301350007	FEE	2014	5593	0	628	510	30	57	1000
STATE 3-16-9-18	4304735813	ML-48378	2014	3986	0	315	794	120	0	1000
SUNDANCE ST 4-32-8-18	4304732827	ML-22058	2016	3261	10	294	510	160	0	1000
ALLEN TRUST 2-24-4-2W	4301331944	FEE	2016	5646	0	295	576	2500	20	1000
HANCOCK 8-24-4-1W	4304751168	FEE	2016	2027.67	0	429	495	384	25	1000
STATE 1-16-9-18 (State 1-16-O)	4304735811	ML-48378	2017	3788		309	695		50	1000
WELLS DRAW 4-32-8-16	4301332222	ML-21836	2016	3756	0	313	864	550	28	1000
WELLS DRAW 2-32-8-16	4301332220	ML-21836	2016	5250	0	313	1028	250	190	1000
STATE 12-36-8-15	4301334224	ML-21835	2017	4032	?	525	943	60	66	1000
ROBERTS 4-19-4-1	4301350072	FEE	2017	5879	0	455	1578	58	120	1000
HANCOCK 12-7-4-1W	4301350422	FEE	2017	5239	0	483	1769	136	145	1000
MALNAR 9-19-4-1	4301333913	FEE	2017	5077	0	514	1121	30	310	1000
LAMB 1-34-4-1E	4304740275	FEE	2017	4607	0	468	1060	286	1075	1000
MEAGHER 9-20-4-2	4301350399	FEE	2017	5360	0	439	1145	364	50	1000
STATE 6-2-9-18	4304735778	ML-48377	2017	4960	0	311	920	270	0	1000
REX LAMB 34-1-4-1E	4304731528	FEE	2017	1893	0	328	52	1740	49	1000
STEWART 7-29-4-2	4301350301	FEE	2017	4246	0	435	1292	234	1250	1000
STATE 9-16-9-18	4304735819	ML-48378	2017	4839	0	314	717	275	450	1000
State 9-2-9-18	4304735785	ML-48377	2015	2783	0	309	416	550	15	200
GMBU L-32-8-18	4304751879	ML-22058	2015	3674	100	413	955	66	20	200
State 3-2-9-18	4304735775	ML-48377	2015	4237	0	311	721	1120	5	200
HANCOCK 4-20-4-1W	4301333701	FEE	2016	5596	0	320	663	35	0	500
TERRY PREWITT 12-19-4-1W	4301350075	FEE	2016	5517	0	451	1252	18	320	400
ODEKIRK SPRING M-36-8-17	4304738318	ML-44305	2016	2833	0	300	1311	78	35	100
OSMOND MEYER 13-28-4-1E	4304740257	FEE	2016	4484	0	443	747	51	750	400
GMBU R-32-8-18	4304751880	ML-22058	2016	4874	530	331	594	0	0	150
GDR Bros 7-2-3-2W	4301350954	FEE	2015	1316	?	1028	216	0	0	2700
STATE 2-2-9-18	4304735774	ML-48377	2014	4600	0	318	829	120	148	200
STATE 5-2-9-18	4304735777	ML-48377	2014	4032	0	337	635	350	37	1000
STATE 7-2-9-18	4304735787	ML-48377	2014	2999	0	310	427	1020	216	1000
Prewitt 9-24-4-2W	4301331864	Fee	2018	5134	0	292	215	600	0	700
GMBU H-16-9-17	4301350788	ML-3453B	2018	1326	0	317	407.8	42	230	150
GMBU I-16-9-17	4301350790	ML-3453B	2018	338	0	315	663.2	140	425	150
Stewart 3-24-4-2W	4301350294	Fee	2018	5264	0	409	1002	64	0	400
Osmond Meyer 1-33-4-1E	4304740367	Fee	2018	5214	170	441	730	900	410	400
Malnar 13-20-4-1W	4301334062	Fee	2018	4535	0	524	1393	0	910	500
Moon 2-29-4-2	4301350003	Fee	2018	5680	0	632	313	12	310	250

RECEIVED: Apr. 11, 2019

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER:
ML-22058

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:
Greater Monument Butte

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
GMBU I-32-8-18

2. NAME OF OPERATOR:
Ovintiv Production, Inc.

9. API NUMBER:
43047518770000

3. ADDRESS OF OPERATOR:
4 Waterway Square Place, Suite 100 , The Woodlands, TX, 77380

PHONE NUMBER:
281-210-5100

9. FIELD and POOL or WILDCAT:
8 MILE FLAT NORTH

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
664 FNL 1838 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWNE Section: 32 Township: 8S Range: 18E Meridian: S

COUNTY:
UINTAH

STATE:
UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 4/1/2021	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	✓ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ DRILLING REPORT Report Date:	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
Ovintiv has completed an internal review of this well and proposes to plug and abandon it pending budget and partner approvals.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
(This is not an approval)
February 11, 2021

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Tim Eaton	720 876 3388	Senior Environmental Specialist
SIGNATURE		**DATE**
N/A		1/29/2021

RECEIVED: Jan. 29, 2021

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

FORM 9

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PHONE NUMBER:
281-210-5100

9. FIELD and POOL or WILDCAT:
8 MILE FLAT NORTH

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
664 FNL 1838 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWNE Section: 32 Township: 8S Range: 18E Meridian: S

COUNTY:
UINTAH

STATE:
UTAH

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

TYPE OF SUBMISSION

- ✓ NOTICE OF INTENT
  Approximate date work will start: 4/1/2021
- ☐ SUBSEQUENT REPORT
  Date of Work Completion:
- ☐ SPUD REPORT
  Date of Spud:
- ☐ DRILLING REPORT
  Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	✓ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
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☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
Ovintiv proposes to plug and abandon this well according to the attached procedures and seeks DOGM approval.

Approved by the Utah Division of Oil, Gas and Mining

Date: March 10, 2021

By: Ellis McPherson

Please Review Attached Conditions

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Marisol Palomares	720-876-3019	Regulatory Analyst

SIGNATURE	DATE
N/A	3/4/2021

RECEIVED: Mar. 04, 2021

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 43047518770000

1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Bart Kettle at 435-820-0862.

2. All plugs shall be at depths as proposed in operator's submitted plan or as otherwise required by either these conditions of approval or by the onsite DOGM representative. Cement volumes used for the plugs shall be appropriate for casing and borehole sizes. Methods of placement for the cement plugs shall be as necessary to assure isolation inside and outside the casing strings at each prescribed plug depth. All cement plugs must be of approved materials and mixed to provide acceptable compressive strength.

Amend Plug #4: A 100-foot cement plug centered at the surface casing shoe depth is required. The cement plug proposed at 0' – 300' to isolate at the surface casing shoe, BMSGW, and to surface shall be modified to extend from 0' to 361'.

3. All balanced cement plugs shall be tagged to ensure that they are at the depths specified unless otherwise directed by on-site DOGM representative.

4. All casing and annuli shall be cemented from a minimum depth of 100' to the surface.

5. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration or as directed by SITLA representative.

6. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.

7. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.

8. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

RECEIVED: Mar. 10, 2021

Ovintiv	Uinta Production Plug and Abandon SOP
Approved by: Matt Kovich Written by: Chuy Alvarado	Document Number: 001 Revision date: 01-07-2021

Pre-P&A Checklist/Notes

- Plugging procedures will follow all regulatory agency (Federal, State, EPA) Conditions of Approval during plugging operations.
- Regulatory agencies require a minimum of 24hr notice prior to beginning plugging operations.
- Ensure the location is prepped and rig ready (deadman anchors tested, injection shed removed, well bled off, tanks and equipment on location, etc).
- Test the well and location for H2S.
- Plugs need to be of Class G cement and will be tagged only if it is required by the onsite regulatory agency representative.
- Cement plugs need to be place around zones of interest, which include Top Perf, Trona formation, Green River formation, Base of Moderate Saline Water (BMSW), and Surface casing. More may be deemed necessary depending on area and governing regulatory agency.
- Marker plates need to have all well information and marker plate coordinates need to be recorded in Wellview.
-

Plug and Abandon Rig Up Procedure

1. MIRU workover rig.
2. Bleed off tubing and casing pressures if not done ahead of time.
3. **On producing wells:** If needed flush rods & tubing with hot water and H2S scavenger, unseat pump and TOOH laying down rod string and pump.
4. **On injector wells:** If needed flush tubing with hot water and H2S scavenger.
5. Nipple down wellhead and nipple up BOP's.
    a. Function test all rams.
6. Release packer or tubing anchor and TOOH with tubing string. Lay down what is not needed.
    a. Look for any holes in tubing and replace tubing as needed.
    b. Tubing will be used for cement plugs.
7. Make up CIBP and TIH to as defined in wellbore schematic.
8. Set CIBP at depth and sting out of CIBP.
9. Circulate well with biocide & corrosion inhibitor mixed with water and then test casing.
    a. Test to 1000 psi for 5 mins. (EPA requires 30 min. test).

Plug and Abandon Cement Procedure

1. CIBP with Cement
    a. CIBP needs to be place right above top perf.
    b. Cement on top of CIBP needs to be 100' in length.

RECEIVED: Mar. 04, 2021

c. This plug does not need to be tagged because a CIBP has been set.
d. Pull tubing +/-100' above top of plug and circulate tubing until clean.

2. Balanced Cement Plugs
   a. Balanced plugs will be used after setting the CIBP above top perf and when no cement is needed to be squeezed into the backside of the production casing.
   b. Balanced plugs at a minimum need to be 100' & increases by 10% for every 1000' of depth.
      i. Space out balanced plug evenly below and above the zone of interest.
   c. Pump cement so that the height of cement is equal on the inside and outside of the tubing. You can slightly under displace to allow cement to fall and to allow for minimal contamination.
   d. Pull tubing to +/-100' above top of plug and circulate tubing clean.
   e. Tag plug only if required by onsite regulatory agency representative.
   f. Continue working up hole with balanced plugs as defined in wellbore schematic.

3. Squeeze Plugs
   a. Squeeze plugs are required when there is no cement on the backside of the production casing to cover up the zones of interest.
   b. This plug needs to include cement on the outside and inside of the production casing and needs to be 120' in length.
      i. 60' below and above zone of interest.
   c. PU perf assembly and RIH to depth.
   d. Perforate casing and POOH.
   e. MU cement retainer and TIH to depth above perforations.
   f. Establish a good circulating rate prior to pumping cement.
   g. Pump cement, displace and sting out of cement retainer.
   h. Pump cement on top of cement retainer.
   i. Pull tubing to +/-100' above top of plug and circulate tubing clean.
   j. No need to tag plug as cement retainer is in place.
   k. Continue to work up hole with squeeze plugs as defined in wellbore schematic.

4. Cement at Surface casing
   a. Cement will be pumped from the shoe to surface.
   b. The full annulus between the surface casing and production casing needs to be filled with cement, along with the inside of the production casing.
   c. Most surface casing plugs and BMSW plugs can be executed with one plug.
   d. Some instances will require a balanced plug and some instances will require a squeeze plug.
   e. If cement falls back, give cement enough time to set and then top off. Top off cement on the inside and outside of the production casing as needed.

Wellhead Procedure

RECEIVED: Mar. 04, 2021

1. Flush through any tubing and BOP's if needed.
2. ND BOP's and prepare for rig down.
3. RDMO workover rig.
4. Dig cellar around the wellhead and cut off same.
5. Top off any cement if needed.
6. Weld on P&A marker plate with any Operator and Well information.
    a. Record P&A marker plate GPS coordinates in Wellview. This is needed for Regulatory reporting purposes.
7. Send in any W-15 forms from the cement company to Tim Eaton.
    a. This is needed for Regulatory reporting purposes.
8. Prepare location for any remediation work.

RECEIVED: Mar. 04, 2021

RECEIVED: Mar. 04, 2021

Ovintiv

Revision Date
2021-03-01

GMBU I-32-8-18

API: 43047518770000
Failure Type: HIT

Surf Cord: 32-8S-18E
Lat: 40.0799123
Long: -109.9137898

Contact Info		Cell	Email
Production Manager	Matt Kovich	832-525-5459	matthew.kovich@encana.com
Production Engineer:	Chuy Alvarado	720-930-9159	chuy.alvarado@encana.com
Sr. Superintendent:	Don Bromley	435-823-5555	don.bromley@encana.com
Superintendent:	J.D Horrocks	435-823-7253	jedediah.horrocks@encana.com
Rig Supervisor:	Chris Meacham	435-401-5996	christopher.meacham@encana.com
Rig Supervisor:	Aaron Manning	435-823-1087	aaron.manning@encana.com

Formation

BMSW @ 250' TVD

Green River @ 1676' TVD

Trona @ 3225' TVD

Perf Info

4624' - 4626'
4843' - 4844'
4846' - 4847'
4850' - 4851'
5126' - 5127'
5130' - 5131'
5360' - 5361'
5367' - 5368'
5371' - 5372'
5892' - 5893'
6087' - 6088'
6091' - 6092'

Plug Info

Note: Top off prod csg ann. with Class G cement to surface

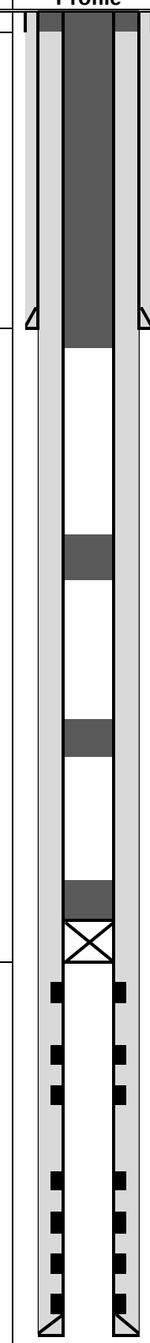
0' - 300'
36 Sks of Class G
Excess: 10%/1000' of MD

1626' - 1726'
14 Sks of Class G
Excess: 10%/1000' of MD

3175' - 3275'
16 Sks of Class G
Excess: 10%/1000' of MD

4474' - 4574'
12 Sks of Class G

Wellbore Profile



Well Info

Surface Hole: 12.25"
Surface Hole MD: 323'

CIBP @ 4574'

Prod Hole: 7.875"
Prod Hole MD: 6574'

Hole/Casing/Cement Info

Surface

Hole Size	Hole Depth (MD)	Casing Size	ID	Weight (lb)	Grade	Conn	Casing Top (MD)	Casing Btm (MD)	Cement Top (MD)	Cement Btm (MD)
12.25"	323'	8.625"	8.097"	24	J55		0'	311'	0'	323'

Intermediate

Hole Size	Hole Depth (MD)	Casing Size	ID	Weight (lb)	Grade	Conn	Casing Top (MD)	Casing Btm (MD)	Cement Top (MD)	Cement Btm (MD)

Production

Hole Size	Hole Depth (MD)	Casing Size	ID	Weight (lb)	Grade	Conn	Casing Top (MD)	Casing Btm (MD)	Cement Top (MD)	Cement Btm (MD)
7.875"	6574'	297.0"	4.95"	15.5	J55		0'	6560'	60'	6574'

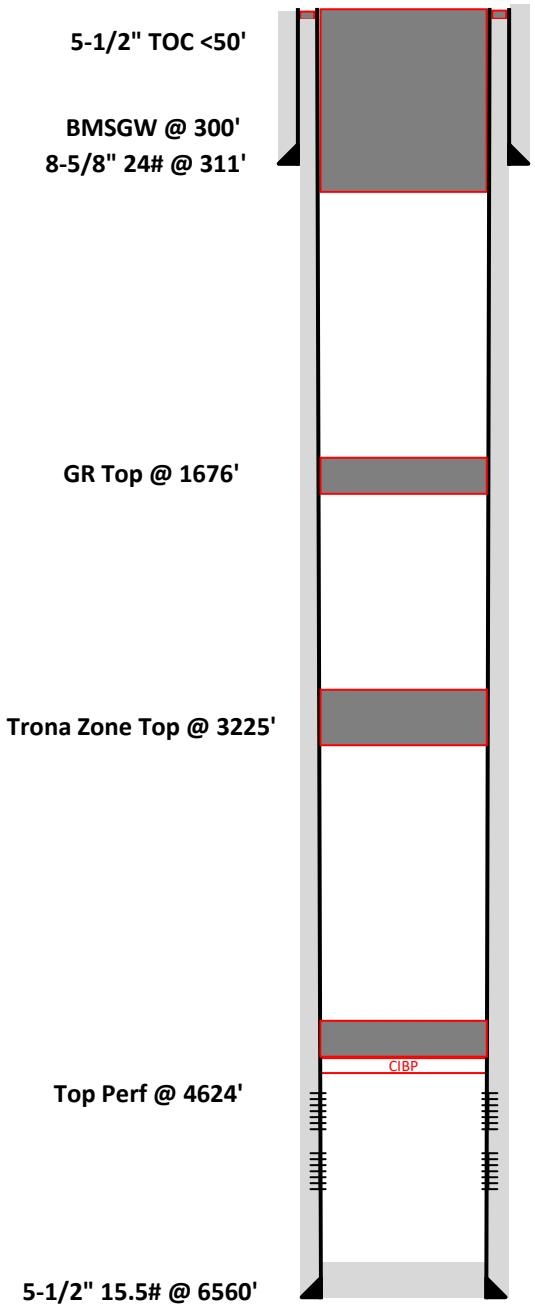
RECEIVED: Mar. 04, 2021

GMBU I-32-8-18

NWNE Section 32-8S-18E
Uintah County, UT
API#43-047-51877

DOGM Diagram

Cement Volumes based on
1.15 CF/Sk yield Class G
60% excess in open-hole



Plug 4: Inside 5-1/2" 42 sks x 1.15 x 7.4828 =361' 361' - 0'
Outside 5-1/2" w/ 1" 9 sks x 1.15 x 5.1923 = 53' 50' - 0'

Plug 3: 12 sks x 1.15 x 7.4828 = 103' 1626' - 1726'
OK

Plug 2: 12 sks x 1.15 x 7.4828 = 103' 3175' - 3275'
OK

Plug 1: 12 sks x 1.15 x 7.4828 = 103' 4474' - 4574'
CIBP @ 4574' OK
OK

Capacity (ft/CF)

5-1/2" (15.5#)	7.4828
5-1/2" x 8-5/8" (24#)	5.1923
5-1/2" x 7-7/8" hole	5.7719

RECEIVED: Mar. 10, 2021

Division of Oil, Gas and Mining
Operator Change/Name Change Worksheet-for State use only

Effective Date: 1/24/2020

FORMER OPERATOR:	NEW OPERATOR:
Newfield Production Company	Ovintiv Production, 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: 4704

OPERATOR CHANGES DOCUMENTATION:

1. Sundry or legal documentation was received from the **FORMER** operator on: 3/16/2020
2. Sundry or legal documentation was received from the **NEW** operator on: 3/16/2020
3. 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:

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

FORM 9

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5. LEASE DESIGNATION AND SERIAL NUMBER: see attached list

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached

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 Su 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		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☑ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER: _____
	☐ CONVERT WELL TYPE	☐ 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 Producion 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 Shon McKinnon DATE 3/16/2020

(This space for State use only)

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

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5. LEASE DESIGNATION AND SERIAL NUMBER: see attached list

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached

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 Su 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		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: _____	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☑ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion: _____	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER: _____
	☐ CONVERT WELL TYPE	☐ 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 Producion 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 Shon McKinnon DATE 3/16/2020

(This space for State use only)

Division of Oil, Gas and Mining
Operator Change/Name Change Worksheet-for State use only

Effective Date: 7/1/2021

FORMER OPERATOR:	NEW OPERATOR:
Ovintiv Production, Inc.	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:

1. Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2021
2. Sundry or legal documentation was received from the **NEW** operator on: 9/15/2021
3. 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 additiaonl bond will be required at this time.

FORM 9

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

5. LEASE DESIGNATION AND SERIAL NUMBER: See attached list

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

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 _____

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		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
Approximate date work will start:	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
7/1/2021	☐ CHANGE TO PREVIOUS PLANS	☑ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
Date of work completion:	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER: _____
_____	☐ CONVERT WELL TYPE	☐ 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

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

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER:
ML-22058

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 TRIBAL, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:
Greater Monument Butte

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
GMBU I-32-8-18

2. NAME OF OPERATOR:
Ovintiv USA, Inc.

9. API NUMBER:
43047518770000

3. ADDRESS OF OPERATOR: **PHONE NUMBER:**
4 Waterway Square Place, Suite 100 , The Woodlands , TX, 77380

9. FIELD and POOL or WILDCAT:
8 MILE FLAT NORTH

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
664 FNL 1838 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWNE Section: 32 Township: 8S Range: 18E Meridian: S

COUNTY:
UINTAH

STATE:
UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
✓ SUBSEQUENT REPORT Date of Work Completion: 4/26/2021	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	✓ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ DRILLING REPORT Report Date:	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
Ovintiv has successfully plugged this well according to the attached daily well work and cement log on 4/26/2021. All P&A ops witnessed & approved by UDOGM field rep Mike Perkins (435)722-7584. Abandoned marker location: N 40° 04.8003', W 109° 54.8631'

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
(This is not an approval)
March 23, 2022

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Tim Eaton	720-876-3388	Senior Regulatory Analyst
SIGNATURE		**DATE**
N/A		3/21/2022

RECEIVED: Mar. 21, 2022

Ovintiv

Daily WellWork Report

Well Name: GMBU I-32-8-18

Field Office: Myton

Report # 1.0, Report Date: 4/21/2021

Well RC	API/UWI	Surface Legal Location	Field Name	State/Province	County/Parish	Well Type	Well Config
500323069	43047518770000	32-8S-18E	GMBU CTB9	UT	Uintah	Oil	Vertical

Spud Date	Final Rig Release Date	First Production Date	Ground Elevation (ft)	PBTD (All) (ftKB)	Total Depth (TVD) (ftKB)	Total Depth (MD) (ftKB)
7/11/2012	8/2/2012	8/27/2012	4,977.00	Original Hole - 6,516.4	Original Hole - 6,425.0	6,574.0

Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Abandon Well	N/A	4/21/2021	4/26/2021

Objective: Abandon well

24 Hr Summary: Wait for water services to RD & remove injection shed from the host well. MIRUWOR. Bleed off well. Unseat pump. Flush rods & tbg. Soft seat pump. Attempt to pressure test tbg w/ out success. TOOH LD rod string. SWIFN

Rig Time (hr): 14.50

Time Log

Start Time	End Time	Dur (hr)	Code	Activity	Com
06:00	07:00	1.00	OTH	Other	Crew travel to location. pre-shift tailgate meeting, JSA discussion, & COVID self screening.
07:00	10:00	3.00	OTH	Other	Wait on wtr services to RD injection building on host well. remove inj building.
10:00	11:00	1.00	SRIG	Rig Up/Down	MIRUWOR DNW #105.
11:00	14:00	3.00	SRIG	Rig Up/Down	RD pumping unit w/ hot oiler pumped 40 bbls wtr down csg @ 250°. Pressure started @ 1500 psi & dropped to 700 psi after well began to circulate. Bleed off tbg for 30 min.
14:00	14:30	0.50	HOIL	Hot Oil Well	Unseat rod pump @ 10K over string wt. LD 1 1/2" x 30' polish rod, & 2 - 7/8" 8 per rods. Flush rods & tbg w/ 40 bbls wtr @ 250°.
14:30	15:00	0.50	PTST	Pressure Test	Soft seat pump. Attempt to pressure test tbg w/ out success w/ 5 bbls wtr. Retrieve rods.
15:00	19:30	4.50	PURP	Pull - Rods and Pump	TOOH LD rod string @ follows. 2 - 7/8" 8 per, 80 - 7/8" 4 per, 100 - 3/4" 4 per (80 worn into shoulders), 30 - 3/4" 8 per (all worn), & 31 - 7/8" 8 per (all worn). LD old pump. Flushed 2 additional times on TOOH w/ 20 bbls each time. SWIFN
19:30	20:30	1.00	OTH	Other	Crew travel from location.

Daily Costs

Cost Des	Major	Minor	Field Est (Cost)	Note	Vendor
Consulting/Evaluation	8950	322	$300	Chris M	Ovintiv Production, Inc.
Equip Rental	8950	358	$12	Toilet rental	Crozier Oilfield Services

Daily Safety Checks

Time	Des	Type	Com

Safety Check Summary for the Job

Type	# Occur	Last Date	Next Date	Days Until Next Check (days)

Pressure Tests

Date	Test Type	Item Tested	Comment

Production Failure Summary for the Well (limted to last 5 only)

Failure Type	Failure Description	Category	String Run D...	String Pull D...	Condition Run	Condition Pull
Tubing Failure	Hole		8/25/2012	7/10/2014		

Plunger Lifts (limited to last 5 only)

Ref #	Plunger Type	Make	Model	Run Date	Pull Date

Production Logs (limited to last 3 only)

Date	Type	Subtype	Des

Wellbore Name	Well Status
Original Hole	Plugged & Abandoned

Min Kick Off Depth (ftKB)	Min KO Depth (TVD) (ftKB)

TD (All) (ftKB)	Total Depth (TVD...	PBTD (All) (ftKB)
Original Hole - 6,574.0	Original Hole - 6,425.0	Original Hole - 6,516.4

Contractor	Rig Number

AFE Number	AFE+Supp Amt (Cost)
21206552	30,000.00

Daily Field Est Total (Cost)	Cum Field Est To Date (Cost)
$312	$312

Daily Contacts - Job Supervisor...

Contact Name	Phone Mobile
Chuy Alvarado	720-930-9159
Benten Shober	435-646-4830
Clay Park	435-401-0105
Christopher Meacham	435-401-5596

Daily Readings

Weather	T (°F)
Road Condition	Wind

Production Failures

Failure Date	Failure Description

Failure Type:

Cause of Failure:

Tubing Run this Job

Tub. S...	Tubing Description	Set Depth (ftKB)
String Max Nomi...	Wt (lb/ft)	String Grade

Tubing Pulled this Job

Pull Time	Tubing Description	Set Depth (ftKB)
String Max Nomi...	Wt (lb/ft)	String Grade

Pull Reason:

Rod Strings Run this Job

Run Time	Rod Description	Set Depth (ftKB)
OD Nom Max (in)	Wt (lb/ft)	String Grade

Rod Strings Pulled this Job

Run Time	Rod Description	Set Depth (ftKB)
OD Nom Max (in)	Wt (lb/ft)	String Grade

Pull Reason:

Other In Hole Run this Job

Run Date	Equipment Type
	Other

Top Depth (ftKB)	Btm (ftKB)	OD (in)	ID (in)
4,574.0	4,575.5	4.95	

Other in Hole Pulled this Job

Pull Date	Equipment Type

Pull Reason:

RECEIVED: Mar. 21, 2022

Ovintiv

Daily WellWork Report

Well Name: GMBU I-32-8-18

Field Office: Myton

Report # 1.0, Report Date: 4/21/2021

Well RC	API/UWI	Surface Legal Location	Field Name	State/Province	County/Parish	Well Type	Well Config
500323069	43047518770000	32-8S-18E	GMBU CTB9	UT	Uintah	Oil	Vertical

Spud Date	Final Rig Release Date	First Production Date	Ground Elevation (ft)	PBTD (All) (ftKB)	Total Depth (TVD) (ftKB)	Total Depth (MD) (ftKB)
7/11/2012	8/2/2012	8/27/2012	4,977.00	Original Hole - 6,516.4	Original Hole - 6,425.0	6,574.0

Lease Fluids

Fluid Type	Vol to Lease (bbl)	Vol from Lease…

Well Fluids

Fluid Type	To (bbl)	From (bbl)

RECEIVED: Mar. 21, 2022

Ovintiv

Daily WellWork Report

Well Name: GMBU I-32-8-18

Field Office: Myton

Report # 2.0, Report Date: 4/22/2021

Well RC	API/UWI	Surface Legal Location	Field Name	State/Province	County/Parish	Well Type	Well Config
500323069	43047518770000	32-8S-18E	GMBU CTB9	UT	Uintah	Oil	Vertical

Spud Date	Final Rig Release Date	First Production Date	Ground Elevation (ft)	PBTD (All) (ftKB)	Total Depth (TVD) (ftKB)	Total Depth (MD) (ftKB)
7/11/2012	8/2/2012	8/27/2012	4,977.00	Original Hole - 6,516.4	Original Hole - 6,425.0	6,574.0

Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Abandon Well	N/A	4/21/2021	4/26/2021

Objective: Abandon well

24 Hr Summary: ND & remove wellhead. Install & NU BOP. RU work floor. Release TAC. TOOH w/ tbg looking for hole & LD excess tbg. MU & TIH w/ CICR on tbg. Set CICR @ 4574'. Pressure test tbg & csg. Circulate well w/ 100 bbls fresh wtr treated w/ bio-cide & corrosion inhibitor. SWIFN

Rig Time (hr): 11.50

Time Log

Start Time	End Time	Dur (hr)	Code	Activity	Com
06:00	07:00	1.00	OTH	Other	Crew travel to location. Pre-shift tailgate meeting, JSA discussion, & COVID self screeniing.
07:00	09:00	2.00	RWHD	Remove Wellhead	ND & remove wellhead. All studs corroded to nuts.
09:00	09:30	0.50	BOPI	Install BOP's	Install & NU BOP. RU work floor. Release TAC.
09:30	10:00	0.50	HOIL	Hot Oil Well	Flush tb g w/ 20 bbls wtr @ 250°
10:00	13:00	3.00	PULT	Pull Tubing	TOOH w/ tbg string @ follows. 144 jts 2 7/8" 6.5# EUE J-55 tbg to derrick, LD 48 jts (hole in jt #173), TAC, 1 jt, PSN, 2 jts, & NC. Scale starting @ 5500'-EOT. Flushed tbg w/ 20 bbls wtr on TOOH.
13:00	15:00	2.00	RUTB	Run Tubing	MU 5 1/2" CICR. TIH w/ tbg string @ follows. CICR, setting tool, X-over, & 144 jts tbg. PU 1 jt tbg, 1 - 10', 8', & 4' tbg pup jt. Set CICR @ 4574'.
15:00	16:00	1.00	PTST	Pressure Test	TBG full. Pressure test to 1000 psi. Good test. Sting out of CICR. Pressuer test csg to 1000 psi. Watch for 10 min w/ 0 psi loss. Good test.
16:00	18:00	2.00	CIRC	Circulating	Circulate well w/ 100 bbls fresh wtr @ 250° treated w/ bio-cide & corrosion inhibitor. SWIFN
18:00	18:00	0.00	OTH	Other	Crew travel from location.

Daily Costs

Cost Des	Major	Minor	Field Est (Cost)	Note	Vendor
Consulting/Evaluation	8950	322	$300	Chris M	Ovintiv Production, Inc.
Equip Rental	8950	358	$12	Toilet rental	Crozier Oilfield Services

Daily Safety Checks

Time	Des	Type	Com

Safety Check Summary for the Job

Type	# Occur	Last Date	Next Date	Days Until Next Check (days)

Pressure Tests

Date	Test Type	Item Tested	Comment

Production Failure Summary for the Well (limted to last 5 only)

Failure Type	Failure Description	Category	String Run D...	String Pull D...	Condition Run	Condition Pull
Tubing Failure	Hole		8/25/2012	7/10/2014		

Plunger Lifts (limited to last 5 only)

Ref #	Plunger Type	Make	Model	Run Date	Pull Date

Production Logs (limited to last 3 only)

Date	Type	Subtype	Des

Wellbore Name	Well Status
Original Hole	Plugged & Abandoned

Min Kick Off Depth (ftKB)	Min KO Depth (TVD) (ftKB)

TD (All) (ftKB)	Total Depth (TVD...	PBTD (All) (ftKB)
Original Hole - 6,574.0	Original Hole - 6,425.0	Original Hole - 6,516.4

Contractor	Rig Number

AFE Number	AFE+Supp Amt (Cost)
21206552	30,000.00

Daily Field Est Total (Cost)	Cum Field Est To Date (Cost)
$312	$624

Daily Contacts - Job Supervisor...

Contact Name	Phone Mobile
Chuy Alvarado	720-930-9159
Benten Shober	435-646-4830
Clay Park	435-401-0105
Christopher Meacham	435-401-5596

Daily Readings

Weather	T (°F)
Road Condition	Wind

Production Failures

Failure Date	Failure Description

Failure Type:

Cause of Failure:

Tubing Run this Job

Tub. S...	Tubing Description	Set Depth (ftKB)

String Max Nomi...	Wt (lb/ft)	String Grade

Tubing Pulled this Job

Pull Time	Tubing Description	Set Depth (ftKB)

String Max Nomi...	Wt (lb/ft)	String Grade

Pull Reason:

Rod Strings Run this Job

Run Time	Rod Description	Set Depth (ftKB)

OD Nom Max (in)	Wt (lb/ft)	String Grade

Rod Strings Pulled this Job

Run Time	Rod Description	Set Depth (ftKB)

OD Nom Max (in)	Wt (lb/ft)	String Grade

Pull Reason:

Other In Hole Run this Job

Run Date	Equipment Type
	Other

Top Depth (ftKB)	Btm (ftKB)	OD (in)	ID (in)
4,574.0	4,575.5	4.95	

Other in Hole Pulled this Job

Pull Date	Equipment Type

Pull Reason:

RECEIVED: Mar. 21, 2022

Ovintiv

Daily WellWork Report

Well Name: GMBU I-32-8-18

Field Office: Myton

Report # 2.0, Report Date: 4/22/2021

Well RC	API/UWI	Surface Legal Location	Field Name	State/Province	County/Parish	Well Type	Well Config
500323069	43047518770000	32-8S-18E	GMBU CTB9	UT	Uintah	Oil	Vertical

Spud Date	Final Rig Release Date	First Production Date	Ground Elevation (ft)	PBTD (All) (ftKB)	Total Depth (TVD) (ftKB)	Total Depth (MD) (ftKB)
7/11/2012	8/2/2012	8/27/2012	4,977.00	Original Hole - 6,516.4	Original Hole - 6,425.0	6,574.0

Lease Fluids

Fluid Type	Vol to Lease (bbl)	Vol from Lease…

Well Fluids

Fluid Type	To (bbl)	From (bbl)

RECEIVED: Mar. 21, 2022

Ovintiv

Daily WellWork Report

Well Name: GMBU I-32-8-18

Field Office: Myton

Report # 3.0, Report Date: 4/26/2021

Well RC	API/UWI	Surface Legal Location	Field Name	State/Province	County/Parish	Well Type	Well Config
500323069	43047518770000	32-8S-18E	GMBU CTB9	UT	Uintah	Oil	Vertical

Spud Date	Final Rig Release Date	First Production Date	Ground Elevation (ft)	PBTD (All) (ftKB)	Total Depth (TVD) (ftKB)	Total Depth (MD) (ftKB)
7/11/2012	8/2/2012	8/27/2012	4,977.00	Original Hole - 6,516.4	Original Hole - 6,425.0	6,574.0

Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Abandon Well	N/A	4/21/2021	4/26/2021

Objective
Abandon well

24 Hr Summary
Pump cement plugs #1-3. Wait for plug #3 cement to set. Tag plug #3 TOC. Pump plug #4. Remove BOP. RDMOWOR. Dig out & cut off wellhead. Top off surface & production csg. Weld on marker plate.

Rig Time (hr): 9.00

Time Log

Start Time	End Time	Dur (hr)	Code	Activity	Com
06:00	07:00	1.00	OTH	Other	Crew travel to location. Pre-shift tailgate meeting, JSA discussion, & COVID self screening.
07:00	08:30	1.50	SRIG	Rig Up/Down	RU & pressure test Pro-Petro cement pumping equipment.
08:30	09:00	0.50	ABAND	Abandon Zone	Pump plug #1 (4469'-4572') w/ 12 sacks class G cement (2.46 bbls). Displace w/ 25.9 bbls fresh wtr.
09:00	09:30	0.50	PUTBG	Pull - Tubing	TOOH LD 41 jts 2 7/8" 6.5# EUE J-55 tbg to place EOT @ 3275'.
09:30	10:00	0.50	ABAND	Abandon Zone	Pump plug #2 (3107'-3275') w/ 16 sacks class G cement (3.28 bbls). Displace w/ 18.2 bbls fresh wtr.
10:00	10:30	0.50	PULT	Pull Tubing	TOOH LD 50 jts tbg. MU 1 -10', & 1 - 8' tbg pup jts to place EOT @ 1726'.
10:30	11:00	0.50	ABAND	Abandon Zone	Pump plug #3 w/ calcium chloride (1726'-1588') w/ 16 sacks class G cement (3.28 bbls). Displace w/ 9.2 bbls fresh wtr.
11:00	11:30	0.50	PULT	Pull Tubing	TOOH LD pup jts, & 6 jts tbg. Continue TOOH w/ 48 jts tbg. LD CICR setting tool.
11:30	13:00	1.50	RUTB	Run Tubing	MU NC & TIH w/ 28 jts tbg. Wait for plug #3 cement to set. 2 hrs total wait time before samples had set @ surface.
13:00	13:30	0.50	RUTB	Run Tubing	TIH w/ 20 jts tbg out of derrick. PU 3 jts tbg to tag plug #3 TOC @ 1600'. TOOH LD 39 jts tbg to place EOT @ 383'.
13:30	14:00	0.50	ABAND	Abandon Zone	Pump plug #4 (383'-surface) w/ 50 sacks class G cement (10.25 bbls).
14:00	14:30	0.50	PULT	Pull Tubing	TOOH LD 12 jts tbg & NC.
14:30	15:00	0.50	BOPR	Remove BOP's	RD work floor. ND & remove BOP.
15:00	16:00	1.00	SRIG	Rig Up/Down	RDMOWOR DNW #105.
16:00	17:30	1.50	OTH	Other	Dig out & cut off wellhead.
17:30	18:00	0.50	ABAND	Abandon Zone	Top off surface & production csg w/ 35 sacks class G cement. Good cement. Weld on marker plate @ N 40° 04.8003', W 109° 54.8631'. All P&A ops witnessed & approved by UDOGM field rep Mike Perkins (435)722-7584. Well site ready for surface reclamation.

Daily Costs

Cost Des	Major	Minor	Field Est (Cost)	Note	Vendor
Downhole Abandonment	8950	010	$19,342		Delsco Northwest, Inc.
Consulting/Evaluation	8950	322	$300	Chris M	Ovintiv Production, Inc.
Mud/Fluids/Lubrication	8950	354	$650	water hauling	K&H Reclamation, LLC
Mud/Fluids/Lubrication	8950	354	$1,575	water hauling	Rhetts Trucking LLC
Equip Rental	8950	358	$12	Toilet rental	Crozier Oilfield Services
Equip Rental	8950	358	$60	toilet cleaning	Crozier Oilfield Services
Transport/Trucking	8950	360	$220		LL Wilson Trucking LLC
Transport/Trucking	8950	360	$396		LL Wilson Trucking LLC
Transport/Trucking	8950	360	$132		LL Wilson Trucking LLC
Transport/Trucking	8950	360	$220		LL Wilson Trucking LLC

Daily Safety Checks

Time	Des	Type	Com

Safety Check Summary for the Job

Type	# Occur	Last Date	Next Date	Days Until Next Check (days)

Pressure Tests

Date	Test Type	Item Tested	Comment

Wellbore Name	Well Status
Original Hole	Plugged & Abandoned

Min Kick Off Depth (ftKB)	Min KO Depth (TVD) (ftKB)

TD (All) (ftKB)	Total Depth (TVD...	PBTD (All) (ftKB)
Original Hole - 6,574.0	Original Hole - 6,425.0	Original Hole - 6,516.4

Contractor	Rig Number

AFE Number	AFE+Supp Amt (Cost)
21206552	30,000.00

Daily Field Est Total (Cost)	Cum Field Est To Date (Cost)
$22,907	$23,531

Daily Contacts - Job Supervisor...

Contact Name	Phone Mobile
Chuy Alvarado	720-930-9159
Benten Shober	435-646-4830
Clay Park	435-401-0105
Christopher Meacham	435-401-5596

Daily Readings

Weather	T (°F)
Road Condition	Wind

Production Failures

Failure Date	Failure Description

Failure Type

Cause of Failure

Tubing Run this Job

Tub. S...	Tubing Description	Set Depth (ftKB)

String Max Nomi...	Wt (lb/ft)	String Grade

Tubing Pulled this Job

Pull Time	Tubing Description	Set Depth (ftKB)

String Max Nomi...	Wt (lb/ft)	String Grade

Pull Reason

Rod Strings Run this Job

Run Time	Rod Description	Set Depth (ftKB)

OD Nom Max (in)	Wt (lb/ft)	String Grade

Rod Strings Pulled this Job

Run Time	Rod Description	Set Depth (ftKB)

OD Nom Max (in)	Wt (lb/ft)	String Grade

Pull Reason

Other In Hole Run this Job

Run Date	Equipment Type
	Other

Top Depth (ftKB)	Btm (ftKB)	OD (in)	ID (in)
4,574.0	4,575.5	4.95	

Other in Hole Pulled this Job

Pull Date	Equipment Type

Pull Reason

RECEIVED: Mar. 21, 2022

Ovintiv

Daily WellWork Report

Well Name: GMBU I-32-8-18

Field Office: Myton

Report # 3.0, Report Date: 4/26/2021

Well RC	API/UWI	Surface Legal Location	Field Name	State/Province	County/Parish	Well Type	Well Config
500323069	43047518770000	32-8S-18E	GMBU CTB9	UT	Uintah	Oil	Vertical

Spud Date	Final Rig Release Date	First Production Date	Ground Elevation (ft)	PBTD (All) (ftKB)	Total Depth (TVD) (ftKB)	Total Depth (MD) (ftKB)
7/11/2012	8/2/2012	8/27/2012	4,977.00	Original Hole - 6,516.4	Original Hole - 6,425.0	6,574.0

Production Failure Summary for the Well (limted to last 5 only)

Failure Type	Failure Description	Category	String Run D...	String Pull D...	Condition Run	Condition Pull
Tubing Failure	Hole		8/25/2012	7/10/2014		

Plunger Lifts (limited to last 5 only)

Ref #	Plunger Type	Make	Model	Run Date	Pull Date

Production Logs (limited to last 3 only)

Date	Type	Subtype	Des

Lease Fluids

Fluid Type	Vol to Lease (bbl)	Vol from Lease...

Well Fluids

Fluid Type	To (bbl)	From (bbl)

RECEIVED: Mar. 21, 2022

The Perforators LLC

CEMENT BOND
GAMMA RAY
LOG

Company	Newfield Production Company
Well	GMBU I-32-8-18
Field	Monument Butte
County	Uintah
State	Utah

API #: 43-047-51877

Location: SHL 664' FNL & 1836' FEL (NW/SE) BHL 1606' FNL & 944' FEL (SE/NE)

SEC 32 TWP 8S RGE 18E

Other Services: Perforate

Permanent Datum: Ground Level — Elevation 4977'
Log Measured From: Kelly Bushing 13' Above G.L.
Drilling Measured From: Kelly Bushing

Elevation: K.B. 4990', D.F. 4989', G.L. 4977'

Date	8-18-12
Run Number	One
Depth Driller	6574'
Depth Logger	6477'
Bottom Logged Interval	6473'
Top Log Interval	Surface
Open Hole Size	7 7/8"
Type Fluid	Water
Density / Viscosity	////
Max. Recorded Temp.	156 Deg F O.H.
Estimated Cement Top	60'
Time Well Ready	Crane Unit
Time Logger on Bottom	8:00 A.M.
Equipment Number	T3010
Location	Roosevelt
Recorded By	Reyrolds
Witnessed By	Mr. Don Hernandez

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8 5/8"	24#	0	310'
Prot. String				
Production String	5.5"	15.5#	0	N/A
Liner				

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Correlated To Halliburton
Spectral Density Dual Spaced Neutron
Dated: 8-01-12
Short Joint @ 4090'-4102'

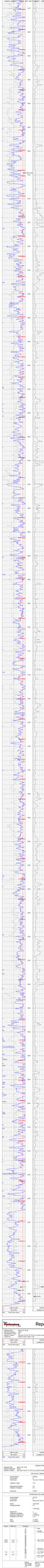
Thank You for using The Perforators.

The Perforators LLC

Main Pass

Database File:	gmbi-32-8-18.db
Dataset Pathname:	pass2
Presentation Format:	cbl
Dataset Creation:	Sat Aug 18 08:41:31 2012 by Log Std Casedhole 09061
Charted by:	Depth in Feet scaled 1:240

9	Collar Locator	-1
0	GR (GAPI)	150
450	Travel Time (usec)	250
0	Amplitude (mV)	100
0	Amplified Amplitude (mV)	20
200	Variable Density	1200



Repeat Section

Company	Petrofactors
Contractor	Schlumberger
Well	Test Well
Field	Test Field
Country	Test Country
Date	Tue, 04 Jul 2006
Time	12:00
Log Number	1
Log Type	Repeat Section
Logging Company	Schlumberger
Logging Engineer	Test Engineer
Depth Reference	Kelly Bushing
Elevation	0
Depth Unit	Feet
Log Direction	Down
Log Scale	1:200
Gamma Ray Scale	0 - 150 API
Caliper Scale	6 - 16 Inches
Depth Scale	2000 - 2100 Feet

Calibration Record

Calibration Record

Calibration Record	
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Date	Time	Log	Description	Log Start	Log Stop	Log Int
			Start			
			Test Well Test Field Test Country	0.0	0.0	0.0
04/07/06	12:00		Log on Test Well Test Field Test Country	0.0	0.0	0.0
04/07/06	12:00		Repeat Test Well Test Field Test Country	0.0	0.0	0.0
04/07/06	12:00		Log on Test Well Test Field Test Country	0.0	0.0	0.0
			Stop			

Generated with Petrofactors Schlumberger Repeat Section Processing Software

Division of Oil, Gas and Mining
Operator Change/Name Change Worksheet-for State use only

Effective Date: 9/1/2022

FORMER OPERATOR:	NEW OPERATOR:
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:

1. Sundry or legal documentation was received from the **FORMER** operator on: 9/26/2022
2. Sundry or legal documentation was received from the **NEW** operator on: 9/26/2022
3. 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:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER: See attached Exhibit A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: None - N/A

7. UNIT or CA AGREEMENT NAME: Greater Monument Butte Unit

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER: See attached Exhibit A

2. NAME OF OPERATOR: Scout Energy Management, LLC

9. API NUMBER: Attached

3. ADDRESS OF OPERATOR: 13800 Montfort Road, Suite 1 CITY Dallas STATE TX ZIP 75240

PHONE NUMBER: (972) 325-1096

10. FIELD AND POOL, OR WILDCAT: See attached Exhibit A

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		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
9/1/2022	☐ CHANGE TO PREVIOUS PLANS	☑ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ 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 Todd Flott DATE 8/31/2022

(This space for State use only)

APPROVED
By Rachel Medina at 10:58 am, Dec 21, 2022

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

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 Footage : QQ, Section, Township, Range:	County : see attached State : UTAH
	Field or Unit Name see attached Exhibit A
	Lease Designation and Number see attached Exhibit A

EFFECTIVE DATE OF TRANSFER: 9/1/2022

CURRENT OPERATOR

Company: Ovintiv USA Inc.
Address: 4 Waterway Square Place, Suite 100
city The Woodlands state TX zip 77380
Phone: 281-210-5100
Comments: UIC wells under UDOGM Jurisdiction

Name: Christian C. Sizemore
Signature:
Title: Director, Rockies and Land Innovation
Date: 11/16/2022

NEW OPERATOR

Company: Scout Energy Management LLC
Address: 13800 Montford Road, Suite 100
city Dallas state TX zip 75240
Phone: 972-325-1027
Comments: Change of operator effective 9/1/2022

Name: Jon Piot
Signature:
Title: Managing Director
Date: 11/15/2022

(This space for State use only)

☐ EPA approval required

Max Inj. Press.
Max Inj. Rate
Perm. Inj. Interval
Packer Depth
Next MIT Due