API Well Number: 43047515380000

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
Greater Monument Butte M-23-8-17

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

3. FIELD OR WILDCAT
MONUMENT BUTTE

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)
UTU-76239

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	1995 FSL 1996 FWL	NESW	23	8.0 S	17.0 E	S
Top of Uppermost Producing Zone	2562 FSL 2604 FWL	NESW	23	8.0 S	17.0 E	S
At Total Depth	2236 FNL 2273 FEL	SWNE	23	8.0 S	17.0 E	S

21. COUNTY
UINTAH

22. DISTANCE TO NEAREST LEASE LINE (Feet)
953

23. NUMBER OF ACRES IN DRILLING UNIT
20

25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)
1212

26. PROPOSED DEPTH
MD: 6806 TVD: 6806

27. ELEVATION - GROUND LEVEL
5129

28. BOND NUMBER
WYB000493

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 - 6806	15.5	J-55 LT&C	8.3	Premium Lite High Strength	332	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** 03/14/2011 | **EMAIL** mcrozier@newfield.com

API NUMBER ASSIGNED
43047515380000

APPROVAL

Permit Manager

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NEWFIELD PRODUCTION COMPANY
GREATER MONUMENT BUTTE M-23-8-17
AT SURFACE: NE/SW SECTION 23, T8S, R17E
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' – 1890'
Green River	1890'
Wasatch	6610'
Proposed TD	6806'

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

Green River Formation (Oil) 1890' – 6610'

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)

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4. *PROPOSED CASING PROGRAM*

a. Casing Design: Greater Monument Butte M-23-8-17

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'	6,806'	15.5	J-55	LTC	4,810 2.22	4,040 1.87	217,000 2.06

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: Greater Monument Butte M-23-8-17

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	4,806'	Prem Lite II w/ 10% gel + 3% KCl	332 1083	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:

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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 ±350 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 ±350 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 first quarter of 2011, and take approximately seven (7) days from spud to rig release.

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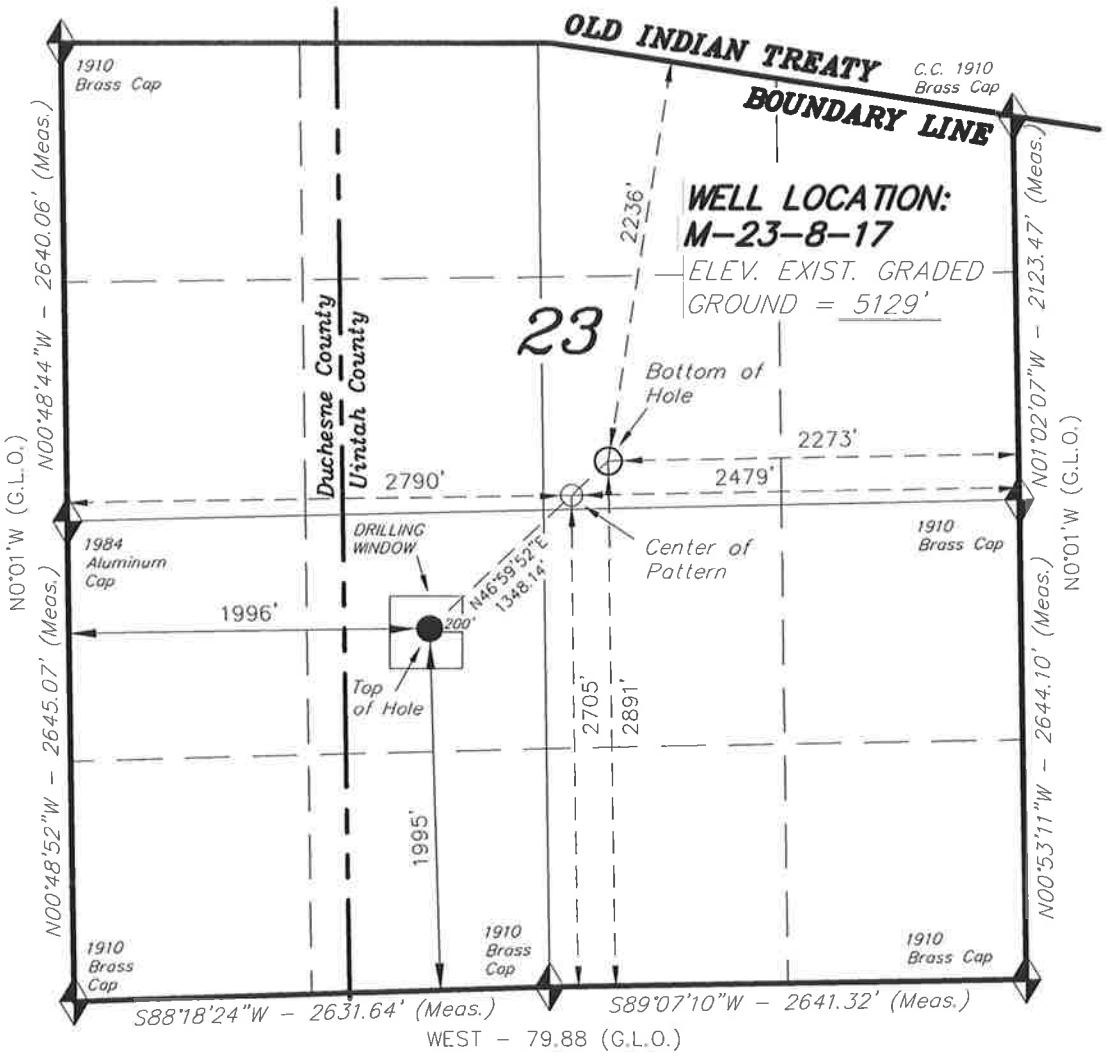
API Well Number: 43047515380000

T8S, R17E, S.L.B.&M.



= SECTION CORNERS LOCATED

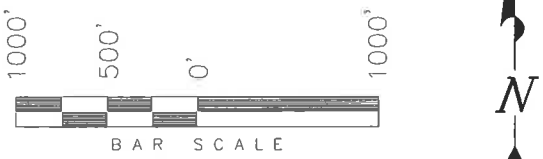
BASIS OF ELEV; Elevations are base on LOCATION: an N.G.S. OPUS Correction. LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

M-23-8-17
(Surface Location) NAD 83
LATITUDE = 40° 06' 06.18"
LONGITUDE = 109° 58' 33.60"

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, M-23-8-17, LOCATED AS SHOWN IN THE NE 1/4 SW 1/4 OF SECTION 23, T8S, R17E, S.L.B.&M. UINTAH COUNTY, UTAH.

TARGET BOTTOM HOLE, M-23-8-17, LOCATED AS SHOWN IN THE SW 1/4 NE 1/4 OF SECTION 23, T8S, R17E, 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 No. 189377 STATE OF UTAH

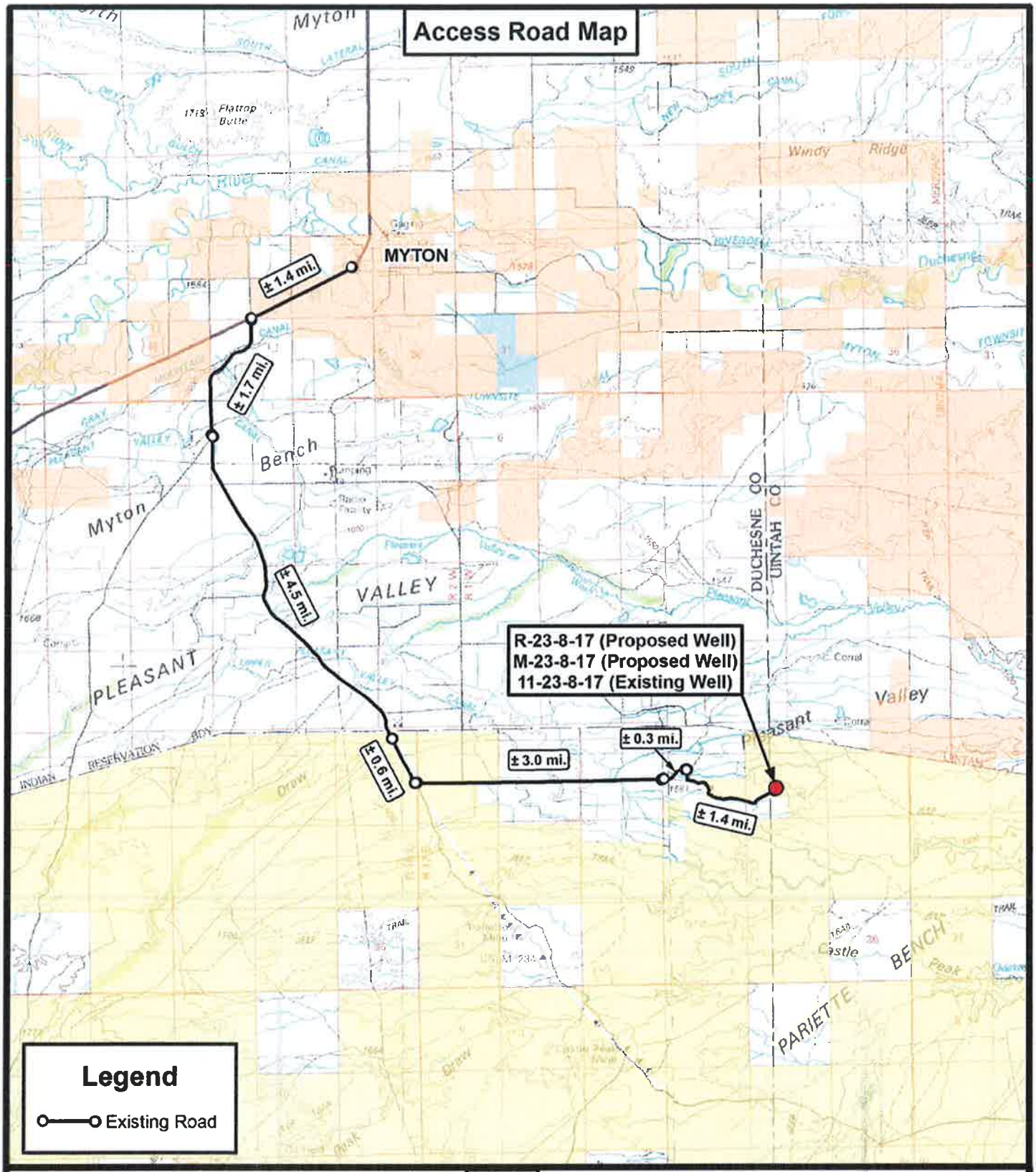
STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. [illegible]
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 08-17-10	SURVEYED BY: D.G.
DATE DRAWN: 10-06-10	DRAWN BY: M.W.
REVISED: 03-02-11 F.T.M.	SCALE: 1" = 1000'

RECEIVED: Mar. 14, 2011



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

N

NEWFIELD EXPLORATION COMPANY
R-23-8-17 (Proposed Well)
M-23-8-17 (Proposed Well)
11-23-8-17 (Existing Well)
SEC. 23, T8S, R17E, S.L.B.&M. Uintah County, UT.

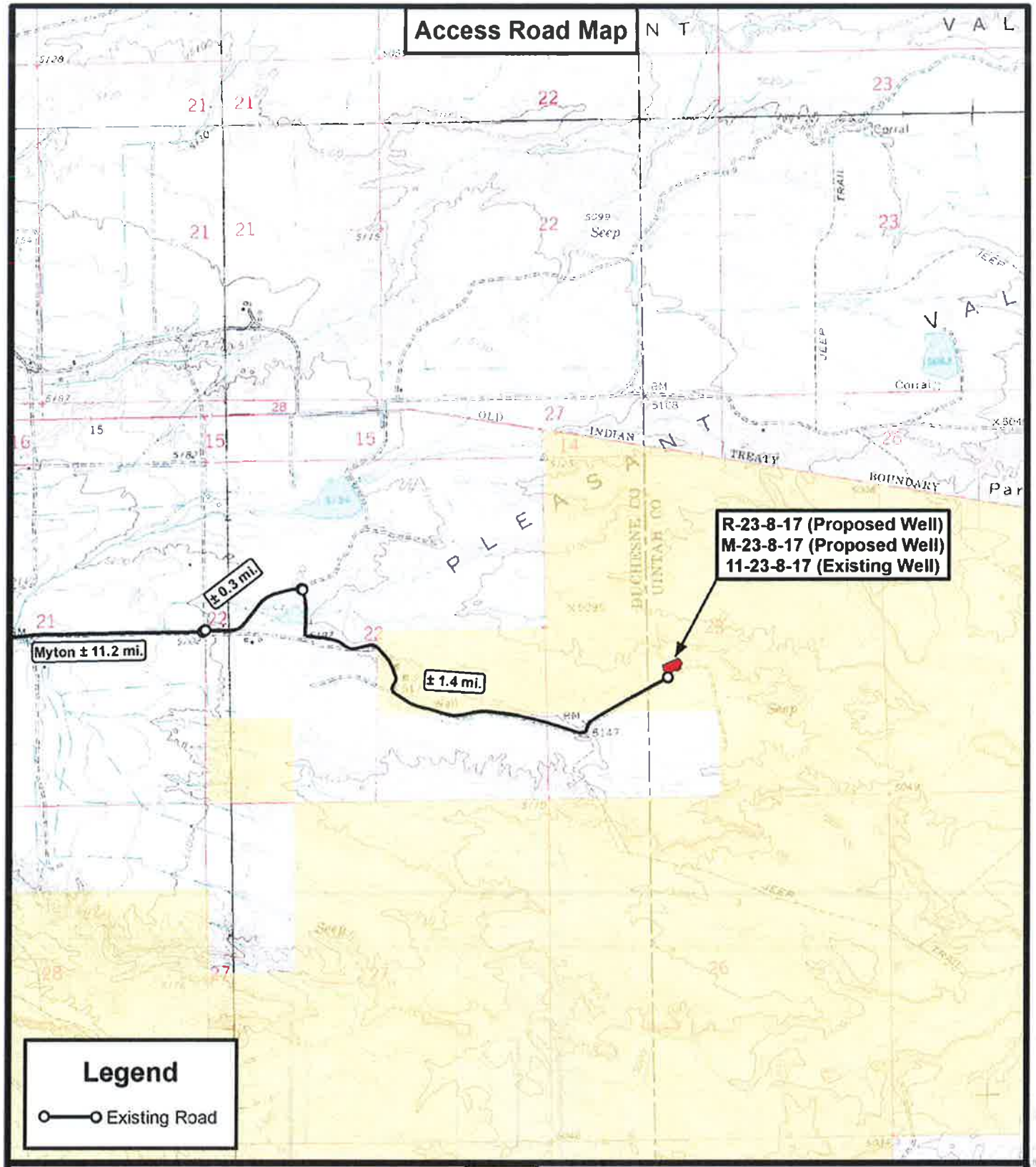
DRAWN BY:	C.H.M.	REVISED:	03-02-2011
DATE:	09-17-2010		
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET A

RECEIVED: Mar. 14, 2011

API Well Number: 43047515380000



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

N

NEWFIELD EXPLORATION COMPANY

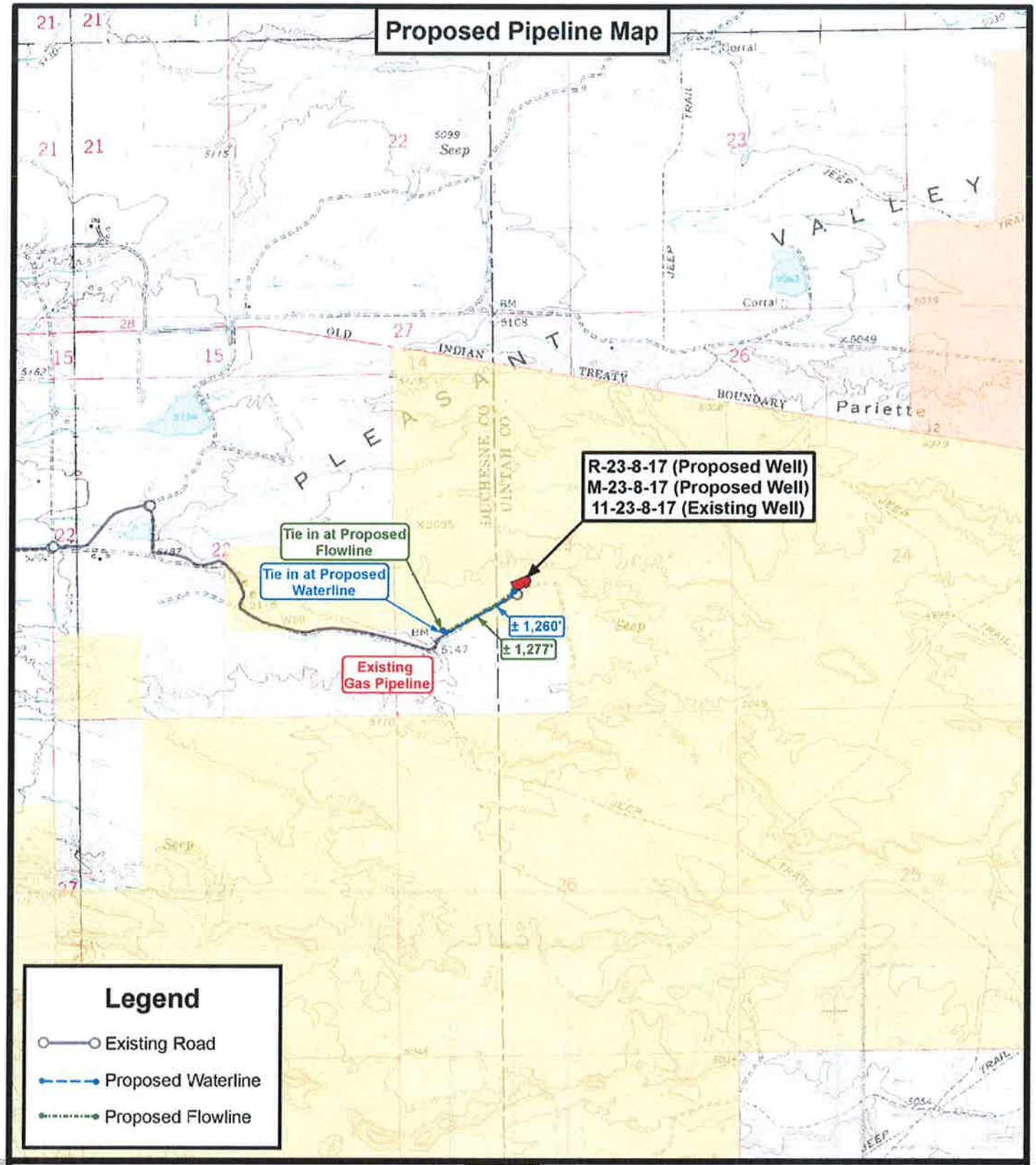
R-23-8-17 (Proposed Well)
M-23-8-17 (Proposed Well)
11-23-8-17 (Existing Well)
SEC. 23, T8S, R17E, S.L.B.&M. Uintah County, UT.

DRAWN BY:	C.H.M.	REVISED:	03-02-2011
DATE:	09-17-2010		
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET B

RECEIVED: Mar. 14, 2011



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

N

NEWFIELD EXPLORATION COMPANY

R-23-8-17 (Proposed Well)
M-23-8-17 (Proposed Well)
11-23-8-17 (Existing Well)
SEC. 23, T8S, R17E, S.L.B.&M. Uintah County, UT.

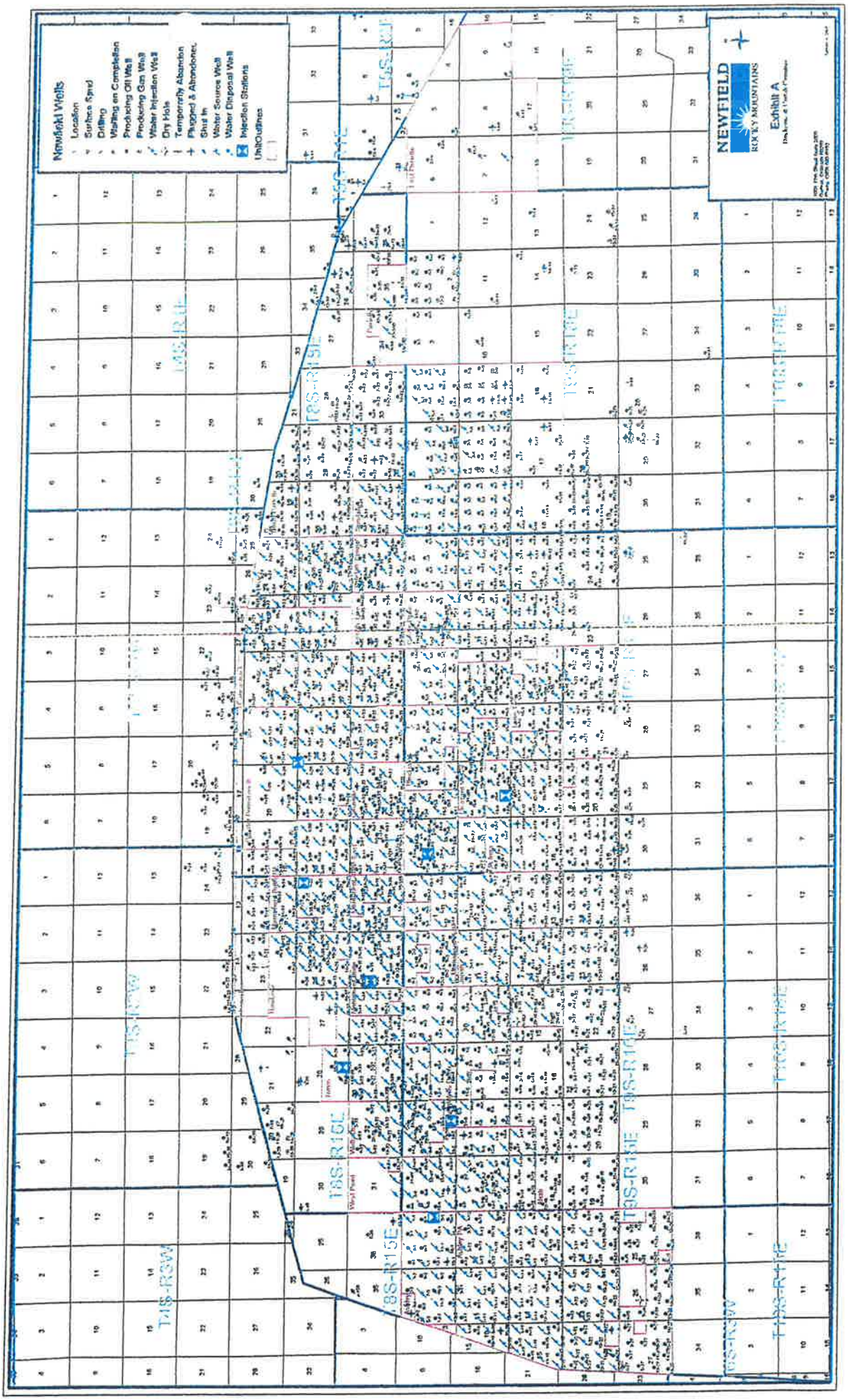
DRAWN BY:	C.H.M.	REVISED:	03-02-2011
DATE:	09-17-2010		
SCALE:	1 " = 2,000		

TOPOGRAPHIC MAP

SHEET C

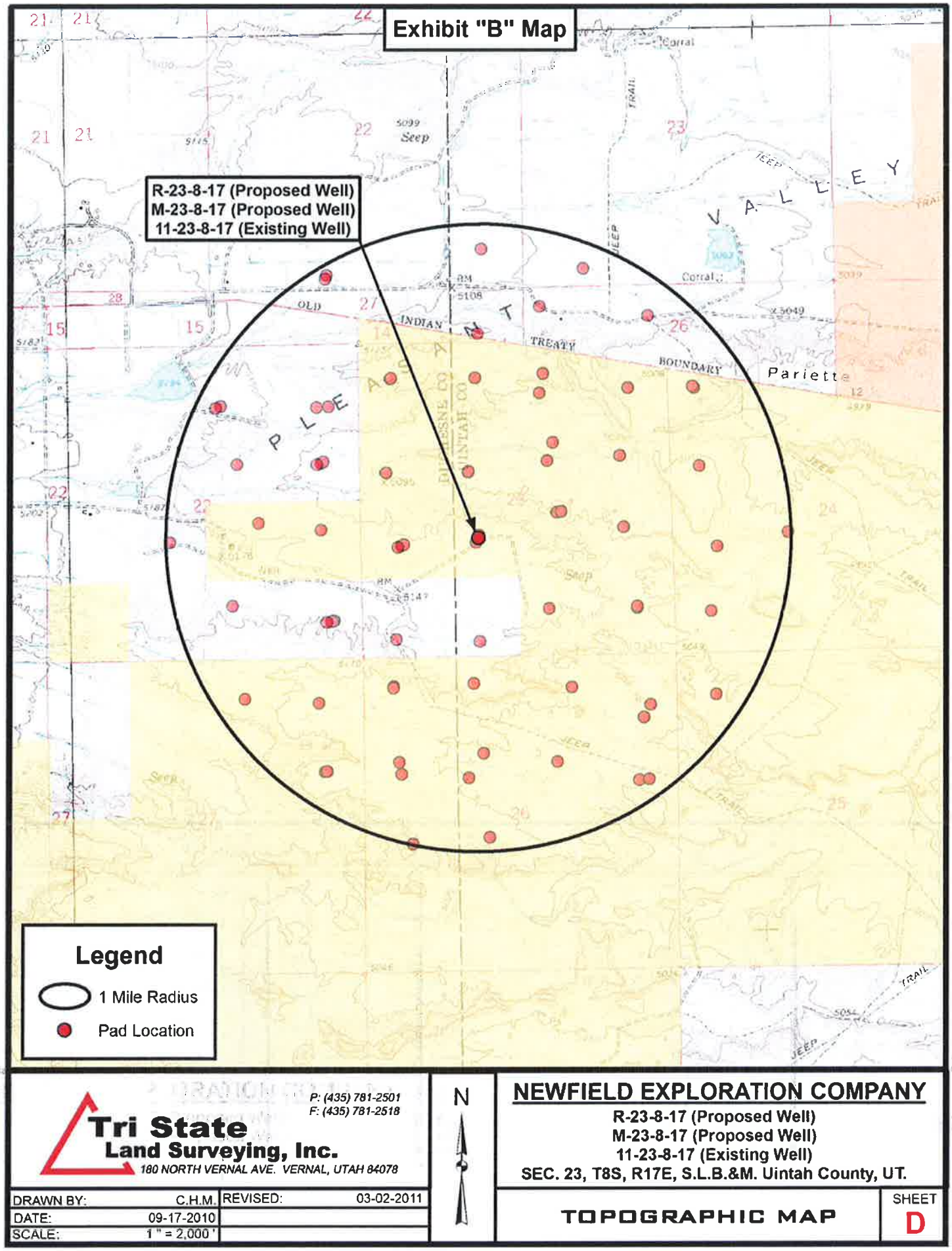
RECEIVED: Mar. 14, 2011

API Well Number: 43047515380000



RECEIVED: Mar. 14, 2011

API Well Number: 43047515380000



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NEWFIELD

NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 23 T8S, R17E
M-23-8-17

Wellbore #1

Plan: Design #1

Standard Planning Report

04 October, 2010

PAYZONE DIRECTIONAL

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NEWFIELD

PayZone Directional Services, LLC.

Planning Report

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well M-23-8-17
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	M-23-8-17 @ 5141.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	**MD Reference:**	M-23-8-17 @ 5141.0ft (Original Well Elev)
Site:	SECTION 23 T8S, R17E	**North Reference:**	True
Well:	M-23-8-17	**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 23 T8S, R17E

Site Position:		**Northing:**	7,207,900.00 ft	**Latitude:**	40° 5' 51.665 N
From:	Map	**Easting:**	2,064,500.00 ft	**Longitude:**	109° 59' 2.132 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	0.97 °

Well M-23-8-17, SHL LAT: 40° 06' 06.18, LONG: -109° 58' 33.60

Well Position	**+N/-S**	1,460.5 ft	**Northing:**	7,209,398.04 ft	**Latitude:**	40° 6' 6.100 N
	+E/-W	2,217.1 ft	**Easting:**	2,066,691.88 ft	**Longitude:**	109° 58' 33.600 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	5,141.0 ft	**Ground Level:**	5,129.0 ft

Wellbore Wellbore #1

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	2010/10/04	11.38	65.88	52,385

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 (°)**	
	5,500.0	0.0	0.0	47.00	

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	
1,502.9	13.54	47.00	1,494.6	72.5	77.7	1.50	1.50	0.00	47.00	
5,623.0	13.54	47.00	5,500.0	730.5	783.3	0.00	0.00	0.00	0.00	M-23-8-17 TGT
6,805.9	13.54	47.00	6,650.0	919.5	985.9	0.00	0.00	0.00	0.00	

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NEWFIELD

PayZone Directional Services, LLC.

Planning Report

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well M-23-8-17
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	M-23-8-17 @ 5141.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	**MD Reference:**	M-23-8-17 @ 5141.0ft (Original Well Elev)
Site:	SECTION 23 T8S, R17E	**North Reference:**	True
Well:	M-23-8-17	**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
700.0	1.50	47.00	700.0	0.9	1.0	1.3	1.50	1.50	0.00
800.0	3.00	47.00	799.9	3.6	3.8	5.2	1.50	1.50	0.00
900.0	4.50	47.00	899.7	8.0	8.6	11.8	1.50	1.50	0.00
1,000.0	6.00	47.00	999.3	14.3	15.3	20.9	1.50	1.50	0.00
1,100.0	7.50	47.00	1,098.6	22.3	23.9	32.7	1.50	1.50	0.00
1,200.0	9.00	47.00	1,197.5	32.1	34.4	47.0	1.50	1.50	0.00
1,300.0	10.50	47.00	1,296.1	43.6	46.8	64.0	1.50	1.50	0.00
1,400.0	12.00	47.00	1,394.2	56.9	61.0	83.5	1.50	1.50	0.00
1,502.9	13.54	47.00	1,494.6	72.5	77.7	106.2	1.50	1.50	0.00
1,600.0	13.54	47.00	1,588.9	88.0	94.3	129.0	0.00	0.00	0.00
1,700.0	13.54	47.00	1,686.1	103.9	111.4	152.4	0.00	0.00	0.00
1,800.0	13.54	47.00	1,783.4	119.9	128.6	175.8	0.00	0.00	0.00
1,900.0	13.54	47.00	1,880.6	135.9	145.7	199.2	0.00	0.00	0.00
2,000.0	13.54	47.00	1,977.8	151.8	162.8	222.6	0.00	0.00	0.00
2,100.0	13.54	47.00	2,075.0	167.8	179.9	246.1	0.00	0.00	0.00
2,200.0	13.54	47.00	2,172.2	183.8	197.1	269.5	0.00	0.00	0.00
2,300.0	13.54	47.00	2,269.4	199.8	214.2	292.9	0.00	0.00	0.00
2,400.0	13.54	47.00	2,366.7	215.7	231.3	316.3	0.00	0.00	0.00
2,500.0	13.54	47.00	2,463.9	231.7	248.5	339.7	0.00	0.00	0.00
2,600.0	13.54	47.00	2,561.1	247.7	265.6	363.2	0.00	0.00	0.00
2,700.0	13.54	47.00	2,658.3	263.7	282.7	386.6	0.00	0.00	0.00
2,800.0	13.54	47.00	2,755.5	279.6	299.8	410.0	0.00	0.00	0.00
2,900.0	13.54	47.00	2,852.8	295.6	317.0	433.4	0.00	0.00	0.00
3,000.0	13.54	47.00	2,950.0	311.6	334.1	456.8	0.00	0.00	0.00
3,100.0	13.54	47.00	3,047.2	327.5	351.2	480.2	0.00	0.00	0.00
3,200.0	13.54	47.00	3,144.4	343.5	368.3	503.7	0.00	0.00	0.00
3,300.0	13.54	47.00	3,241.6	359.5	385.5	527.1	0.00	0.00	0.00
3,400.0	13.54	47.00	3,338.9	375.5	402.6	550.5	0.00	0.00	0.00
3,500.0	13.54	47.00	3,436.1	391.4	419.7	573.9	0.00	0.00	0.00
3,600.0	13.54	47.00	3,533.3	407.4	436.8	597.3	0.00	0.00	0.00
3,700.0	13.54	47.00	3,630.5	423.4	454.0	620.8	0.00	0.00	0.00
3,800.0	13.54	47.00	3,727.7	439.4	471.1	644.2	0.00	0.00	0.00
3,900.0	13.54	47.00	3,825.0	455.3	488.2	667.6	0.00	0.00	0.00
4,000.0	13.54	47.00	3,922.2	471.3	505.4	691.0	0.00	0.00	0.00
4,100.0	13.54	47.00	4,019.4	487.3	522.5	714.4	0.00	0.00	0.00
4,200.0	13.54	47.00	4,116.6	503.2	539.6	737.9	0.00	0.00	0.00
4,300.0	13.54	47.00	4,213.8	519.2	556.7	761.3	0.00	0.00	0.00
4,400.0	13.54	47.00	4,311.0	535.2	573.9	784.7	0.00	0.00	0.00
4,500.0	13.54	47.00	4,408.3	551.2	591.0	808.1	0.00	0.00	0.00
4,600.0	13.54	47.00	4,505.5	567.1	608.1	831.5	0.00	0.00	0.00
4,700.0	13.54	47.00	4,602.7	583.1	625.2	855.0	0.00	0.00	0.00
4,800.0	13.54	47.00	4,699.9	599.1	642.4	878.4	0.00	0.00	0.00
4,900.0	13.54	47.00	4,797.1	615.1	659.5	901.8	0.00	0.00	0.00
5,000.0	13.54	47.00	4,894.4	631.0	676.6	925.2	0.00	0.00	0.00
5,100.0	13.54	47.00	4,991.6	647.0	693.8	948.6	0.00	0.00	0.00
5,200.0	13.54	47.00	5,088.8	663.0	710.9	972.1	0.00	0.00	0.00
5,300.0	13.54	47.00	5,186.0	678.9	728.0	995.5	0.00	0.00	0.00

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NEWFIELD

PayZone Directional Services, LLC.

Planning Report

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well M-23-8-17
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	M-23-8-17 @ 5141.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	**MD Reference:**	M-23-8-17 @ 5141.0ft (Original Well Elev)
Site:	SECTION 23 T8S, R17E	**North Reference:**	True
Well:	M-23-8-17	**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)
5,400.0	13.54	47.00	5,283.2	694.9	745.1	1,018.9	0.00	0.00	0.00
5,500.0	13.54	47.00	5,380.5	710.9	762.3	1,042.3	0.00	0.00	0.00
5,600.0	13.54	47.00	5,477.7	726.9	779.4	1,065.7	0.00	0.00	0.00
5,623.0	13.54	47.00	5,500.0	730.5	783.3	1,071.1	0.00	0.00	0.00
M-23-8-17 TGT									
5,700.0	13.54	47.00	5,574.9	742.8	796.5	1,089.2	0.00	0.00	0.00
5,800.0	13.54	47.00	5,672.1	758.8	813.6	1,112.6	0.00	0.00	0.00
5,900.0	13.54	47.00	5,769.3	774.8	830.8	1,136.0	0.00	0.00	0.00
6,000.0	13.54	47.00	5,866.6	790.8	847.9	1,159.4	0.00	0.00	0.00
6,100.0	13.54	47.00	5,963.8	806.7	865.0	1,182.8	0.00	0.00	0.00
6,200.0	13.54	47.00	6,061.0	822.7	882.2	1,206.2	0.00	0.00	0.00
6,300.0	13.54	47.00	6,158.2	838.7	899.3	1,229.7	0.00	0.00	0.00
6,400.0	13.54	47.00	6,255.4	854.7	916.4	1,253.1	0.00	0.00	0.00
6,500.0	13.54	47.00	6,352.6	870.6	933.5	1,276.5	0.00	0.00	0.00
6,600.0	13.54	47.00	6,449.9	886.6	950.7	1,299.9	0.00	0.00	0.00
6,700.0	13.54	47.00	6,547.1	902.6	967.8	1,323.3	0.00	0.00	0.00
6,805.9	13.54	47.00	6,650.0	919.5	985.9	1,348.1	0.00	0.00	0.00

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
M-23-8-17 TGT - plan hits target - Circle (radius 75.0)	0.00	0.00	5,500.0	730.5	783.3	7,210,141.81	2,067,462.64	40° 6' 13.320 N	109° 58' 23.518 W

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API Well Number: 43047515380000

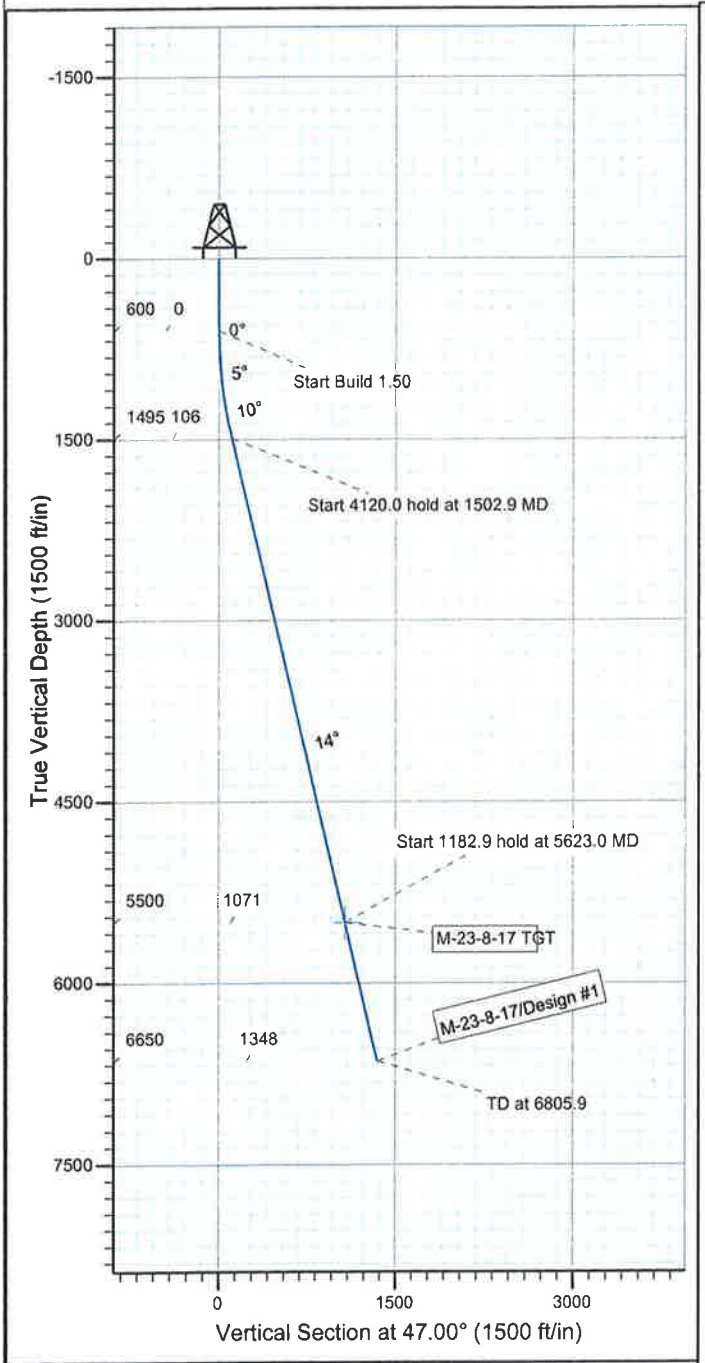
NEWFIELD

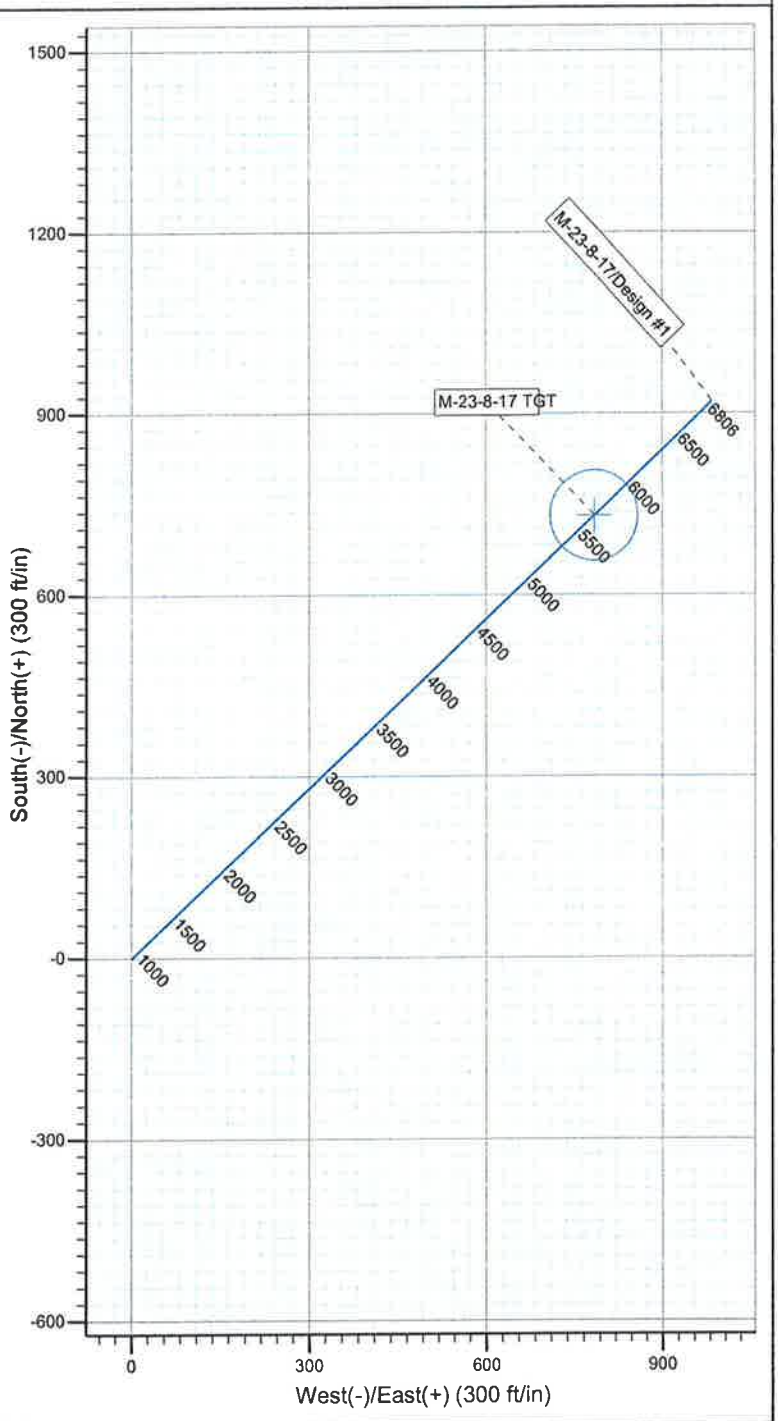
Project: USGS Myton SW (UT)
Site: SECTION 23 T8S, R17E
Well: M-23-8-17
Wellbore: Wellbore #1
Design: Design #1

Azimuths to True North
Magnetic North: 11.38°

Magnetic Field
Strength: 52385.4snT
Dip Angle: 65.88°
Date: 2010/10/04
Model: IGRF2010

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





WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
M-23-8-17 TGT	5500.0	730.5	783.3	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	1502.9	13.54	47.00	1494.6	72.5	77.7	1.50	47.00	106.2	
4	5623.0	13.54	47.00	5500.0	730.5	783.3	0.00	0.00	1071.1	M-23-8-17 TGT
5	6805.9	13.54	47.00	6650.0	919.5	985.9	0.00	0.00	1348.1	

NEWFIELD PRODUCTION COMPANY
GREATER MONUMENT BUTTE M-23-8-17
AT SURFACE: NE/SW SECTION 23, T8S, R17E
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 Greater Monument Butte M-23-8-17 located in the NE 1/4 SW 1/4 Section 23, T8S, R17E, 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 – 6.8 miles ± to it's junction with an existing road to the east; proceed easterly - 3.0 miles ± to it's junction with an existing road to the northeast; proceed northeasterly - 0.3 miles ± to it's junction with an existing road to the southeast; proceed in a southeasterly direction - 1.4 miles ± to the existing 11-23-8-17 well location.

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 11-23-8-17 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.

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

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: 41-1817 (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.

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8. ***ANCILLARY FACILITIES***

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*** – Bureau of Land Management.

12. ***OTHER ADDITIONAL INFORMATION***

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The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #02-63, 6/10/02. Paleontological Resource Survey prepared by, Wade E. Miller, 5/4/02. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 1,260' of buried water line to be granted in Lease UTU-76239.

It is proposed that the disturbed area will be 30' wide to allow for construction of a proposed buried 10" steel water injection line, a buried 3" poly water return line, and a and a 14" surface flow line. Both the proposed surface flow line and buried water lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** The proposed water pipelines will be buried in a 4-5' deep trench constructed with a trencher or backhoe for the length of the proposal. The equipment will run on the surface and not be flat bladed to minimize surface impacts to precious topsoil in these High Desert environments. If possible, all proposed surface flow lines will be installed on the same side of the road as existing gas lines. The construction phase of the proposed water lines and proposed flow line will last approximately (5) days.

In the event that the proposed well is converted to a water injection well, a Sundry Notice 3160-5 form will be applied for through the Bureau of Land Management field office.

For a ROW plan of development, please refer to the Greater Monument Butte Green River Development SOP and as well as the Castle Peak and Eight Mile Flat Reclamation and Weed Management Plan.

Surface Flow Line

Newfield requests 1,277' 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 "D"** 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.

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.

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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.

Details of the On-Site Inspection
The proposed Greater Monument Butte M-23-8-17 was on-sited on 11/9/10. The following were present; Tim Eaton (Newfield Production), Christine Cimiluca (Bureau of Land Management), Suzanne Grayson (Bureau of Land Management), and Janna Simonsen (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the Greater Monument Butte M-23-8-17, 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 Greater Monument Butte M-23-8-17, 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 #M-23-8-17, Section 23, Township 8S, Range 17E: Lease UTU-76239 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 #WYB000493.

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.

3/14/11
Date

Mandie Crozier
Regulatory Specialist
Newfield Production Company

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API Well Number: 43047515380000

2-M SYSTEM

Blowout Prevention Equipment Systems

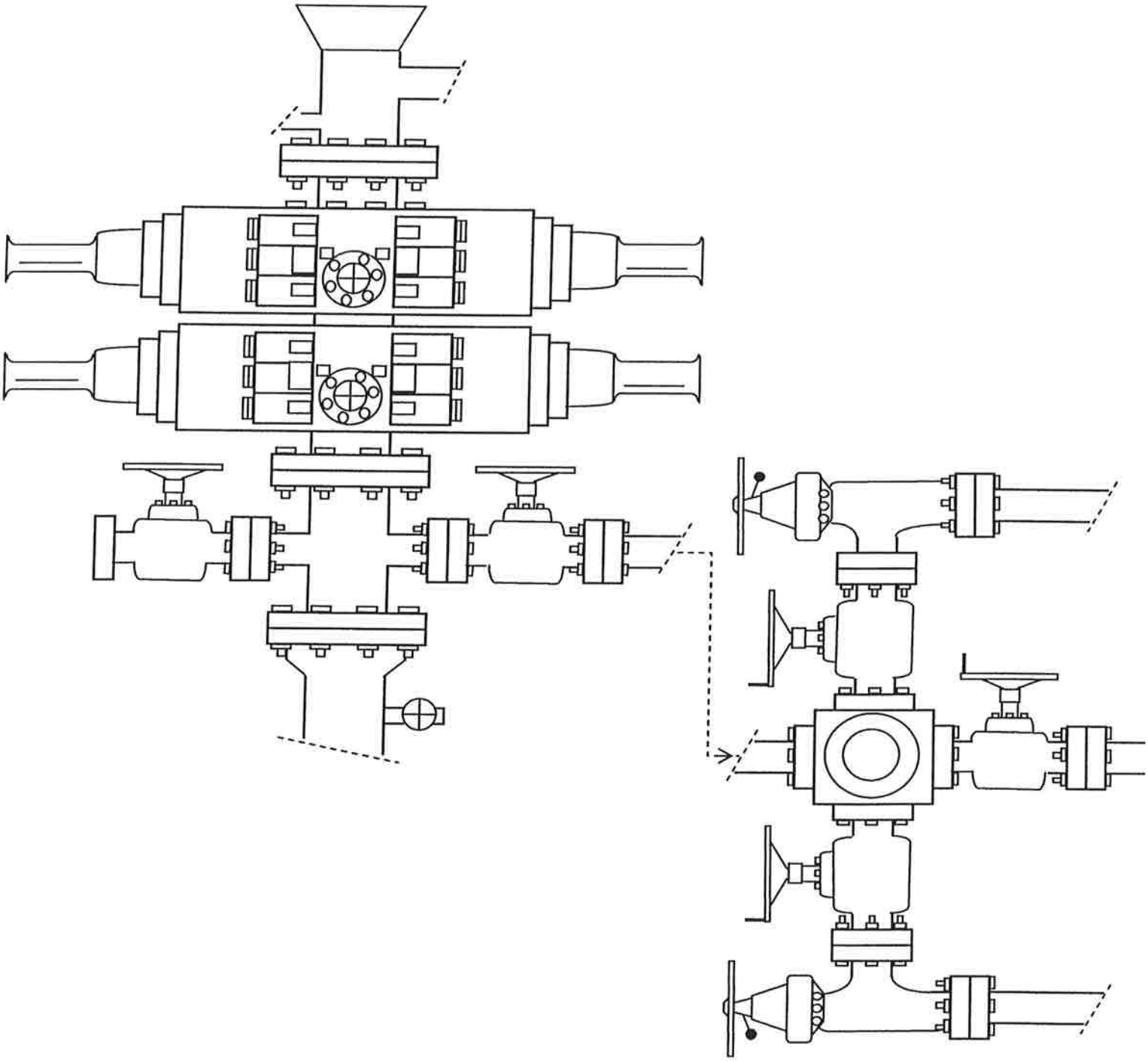

EXHIBIT C

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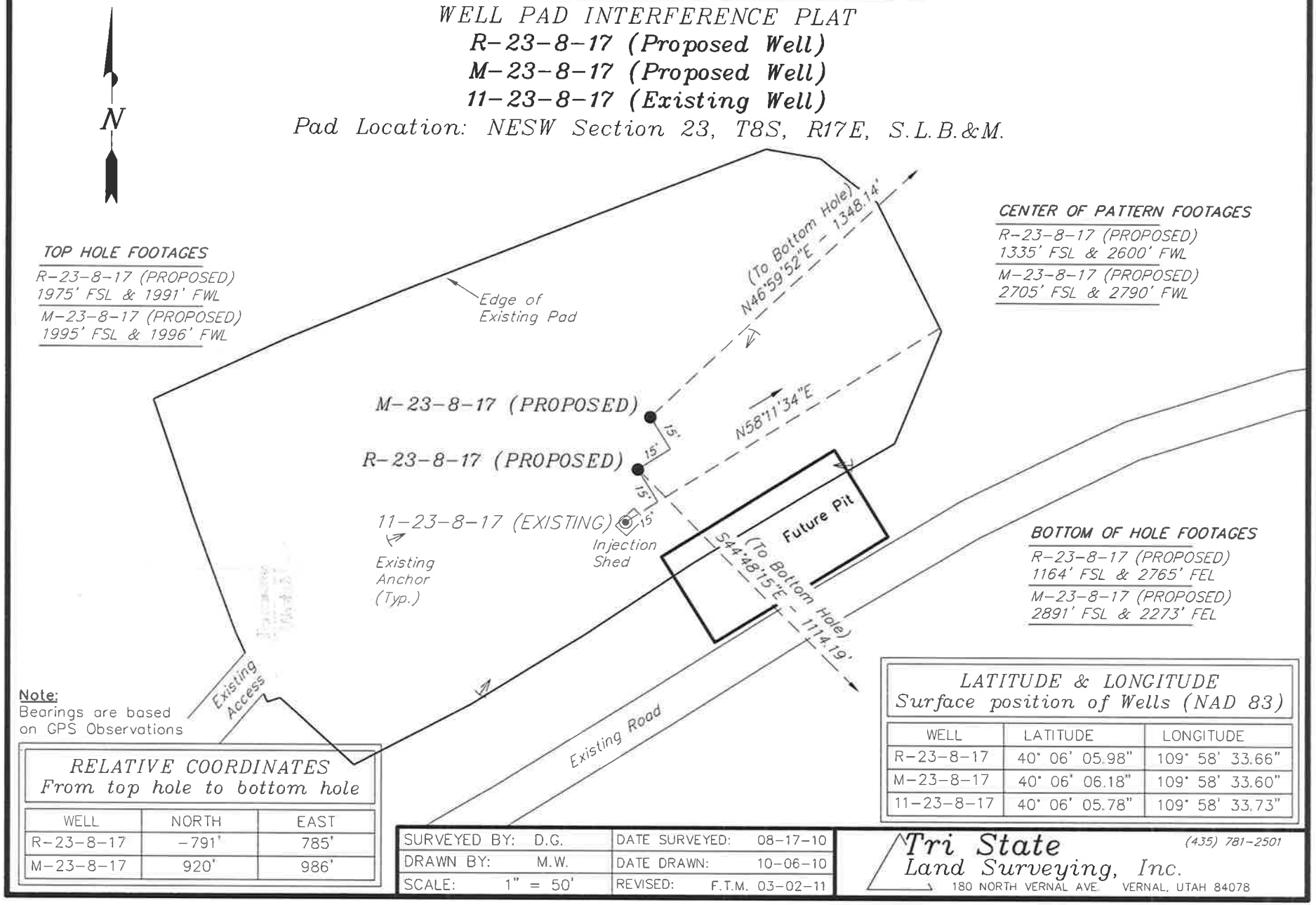
NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

R-23-8-17 (Proposed Well)
M-23-8-17 (Proposed Well)
11-23-8-17 (Existing Well)

Pad Location: NESW Section 23, T8S, R17E, S.L.B.&M.



Note:
Bearings are based on GPS Observations

RELATIVE COORDINATES
From top hole to bottom hole

WELL	NORTH	EAST
R-23-8-17	-791'	785'
M-23-8-17	920'	986'

LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
R-23-8-17	40° 06' 05.98"	109° 58' 33.66"
M-23-8-17	40° 06' 06.18"	109° 58' 33.60"
11-23-8-17	40° 06' 05.78"	109° 58' 33.73"

SURVEYED BY:	D.G.	DATE SURVEYED:	08-17-10
DRAWN BY:	M.W.	DATE DRAWN:	10-06-10
SCALE:	1" = 50'	REVISED:	F.T.M. 03-02-11

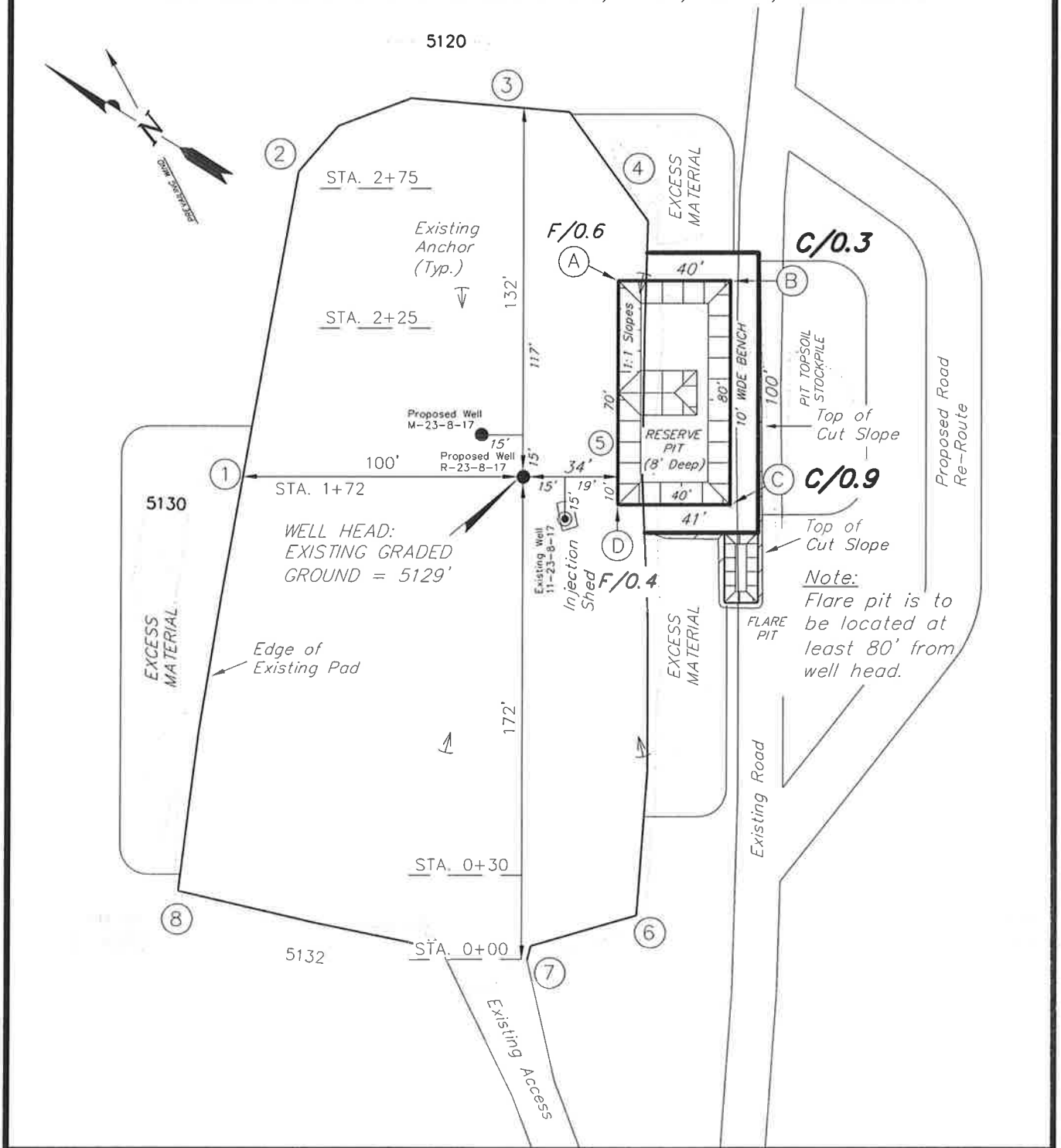
Tri State Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD EXPLORATION COMPANY

LOCATION LAYOUT

R-23-8-17 (Proposed Well)
M-23-8-17 (Proposed Well)
11-23-8-17 (Existing Well)

Pad Location: NESW Section 23, T8S, R17E, S.L.B.&M.



SURVEYED BY: D.G.	DATE SURVEYED: 08-17-10	Tri State Land Surveying, Inc.	(435) 781-2501
DRAWN BY: M.W.	DATE DRAWN: 09-01-10	180 NORTH VERNAL AVE. VERNAL, UTAH 84078	
SCALE: 1" = 50'	REVISED: F.T.M. 03-02-11		

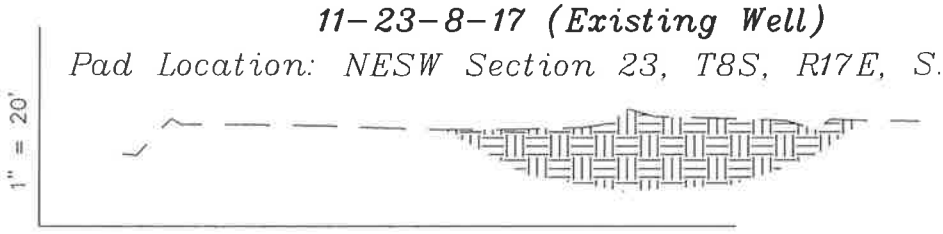
RECEIVED: Mar. 14, 2011

NEWFIELD EXPLORATION COMPANY

CROSS SECTIONS

R-23-8-17 (Proposed Well)
M-23-8-17 (Proposed Well)
11-23-8-17 (Existing Well)

Pad Location: NESW Section 23, T8S, R17E, S.L.B.&M.



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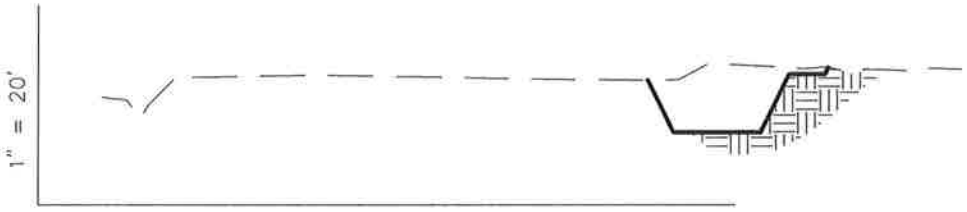
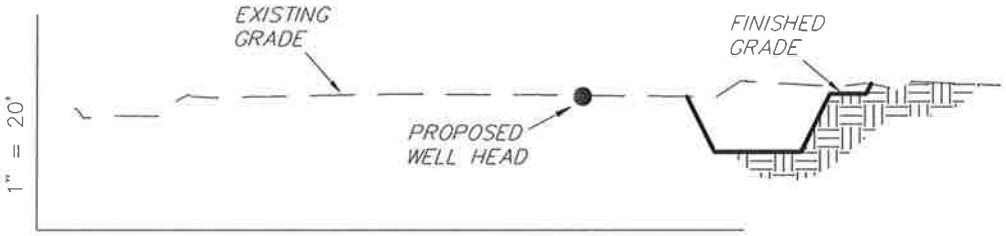
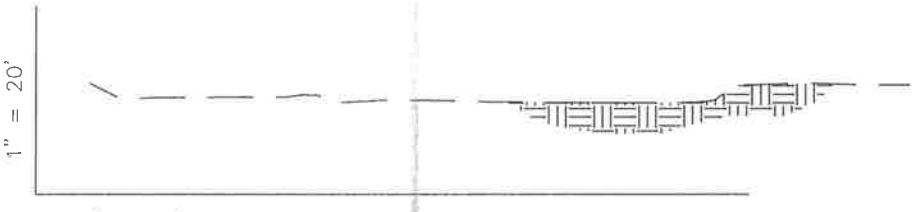


STA. 2+25



STA. 1+72



STA. 0+30

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

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	190	20	Topsoil is not included in Pad Cut	170
PIT	640	0		640
TOTALS	830	20	120	810

SURVEYED BY: D.G.	DATE SURVEYED:	08-17-10	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: M.W.	DATE DRAWN:	09-01-10	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 50'	REVISED:	F.T.M. 03-02-11	

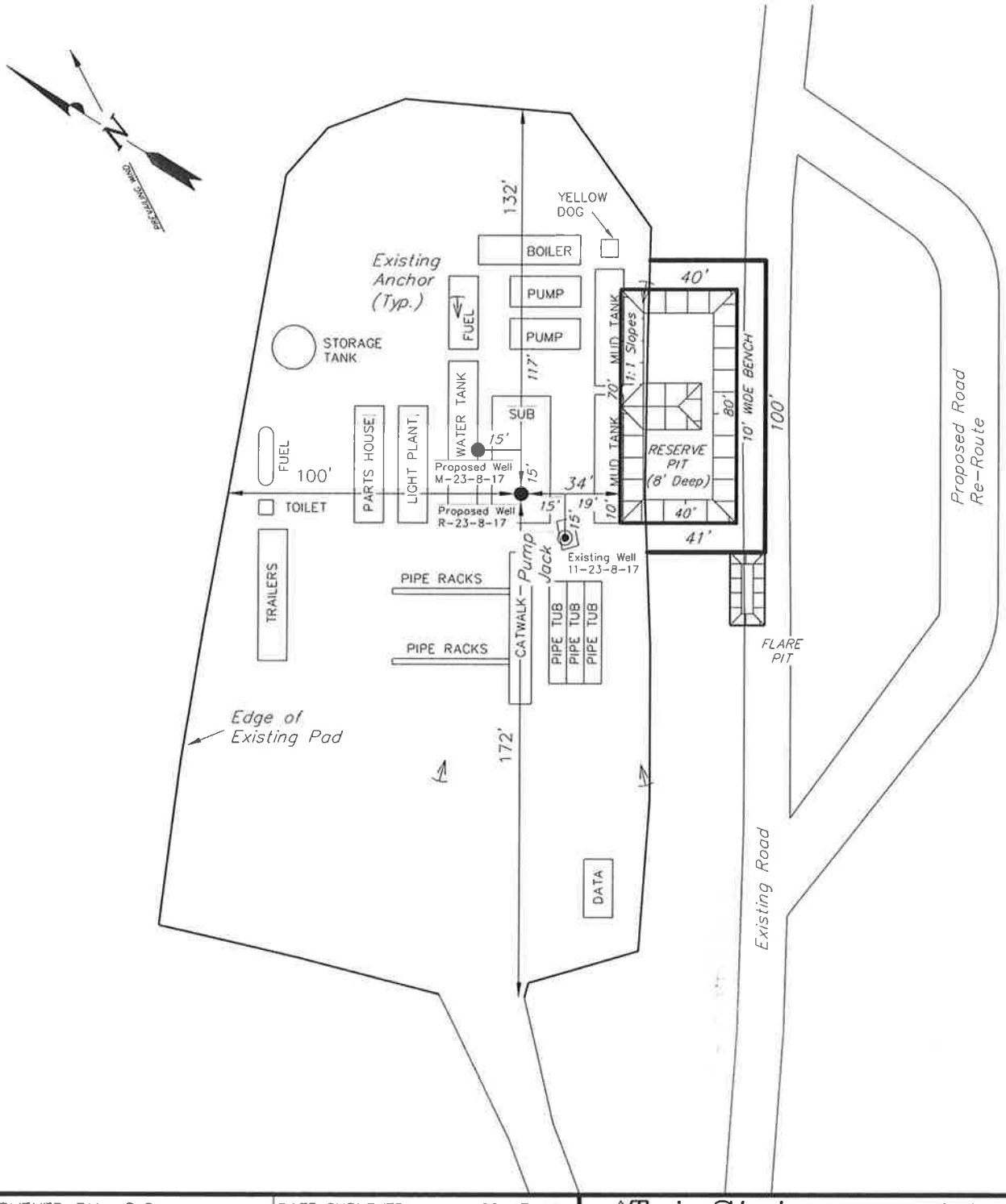
RECEIVED: Mar. 14, 2011

NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT

R-23-8-17 (Proposed Well)
M-23-8-17 (Proposed Well)
11-23-8-17 (Existing Well)

Pad Location: NESW Section 23, T8S, R17E, S.L.B.&M.



SURVEYED BY: D.G.	DATE SURVEYED: 08-17-10	Tri State Land Surveying, Inc.	(435) 781-2501
DRAWN BY: M.W.	DATE DRAWN: 09-01-10	180 NORTH VERNAL AVE. VERNAL, UTAH 84078	
SCALE: 1" = 50'	REVISED: F.T.M. 03-02-11		

RECEIVED: Mar. 14, 2011

NEWFIELD
ROCKY MOUNTAINS

VIA ELECTRONIC DELIVERY

March 15, 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
Greater Monument Butte M-23-8-17
Greater Monument Butte (Green River) Unit

Surface Hole: T8S-R17E Section 23: NESW (UTU-76239)
1995' FSL 1996' FWL

At Target: T8S-R17E Section 23: SWNE (UTU-76239)
2236' FNL 2273' 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 12/8/10, 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 303-383-4197 or by email at sgillespie@newfield.com. Your consideration in this matter is greatly appreciated.

Sincerely,
Newfield Production Company

Shane Gillespie
Land Associate

1001 17th Street, Suite 2000 Denver, CO 80202 (303) 893-0102 Fax (303) 893-0103

RECEIVED: Mar. 15, 2011

API Well Number: 43047515380000

Form 3160-3
(August 2007)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.: UTU-76239

6. If Indian, Allotee or Tribe Name: NA

1a. Type of work: ☑ DRILL ☐ REENTER

7. If Unit or CA Agreement, Name and No.: Greater Monument Butte

1b. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Other ☑ Single Zone ☐ Multiple Zone

8. Lease Name and Well No.: Greater Monument Butte M-23-8-17

2. Name of Operator: Newfield Production Company

9. API Well No.:

3a. Address: Route #3 Box 3630, Myton UT 84052

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

10. Field and Pool, or Exploratory: Monument Butte

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

At surface: NE/SW 1995' FSL 1996' FWL Sec. 23, T8S R17E (UTU-76239)

At proposed prod. zone: SW/NE 2236' FNL 2273' FEL Sec. 23, T8S R17E (UTU-76239)

11. Sec., T. R. M. or Blk. and Survey or Area: Sec. 23, T8S R17E

14. Distance in miles and direction from nearest town or post office*: Approximately 12.9 miles southeast of Myton, UT

12. County or Parish: Uintah

13. State: UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. unit line, if any)	16. No. of acres in lease	17. Spacing Unit dedicated to this well
Approx. 953' f/lse, NA' f/unit	473.84	20 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	**19. Proposed Depth**	**20. BLM/BIA Bond No. on file**
Approx. 1,212'	6,806'	WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	**22. Approximate date work will start***	**23. Estimated duration**
5129' GL	1st Qtr. 2011	(7) days from SPUD to rig release

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature	Name *(Printed Typed)*	Date
Mandie Crozier	Mandie Crozier	12/8/10

Title: Regulatory Specialist

Approved by *(Signature)*	Name *(Printed Typed)*	Date
Title	**Office**	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

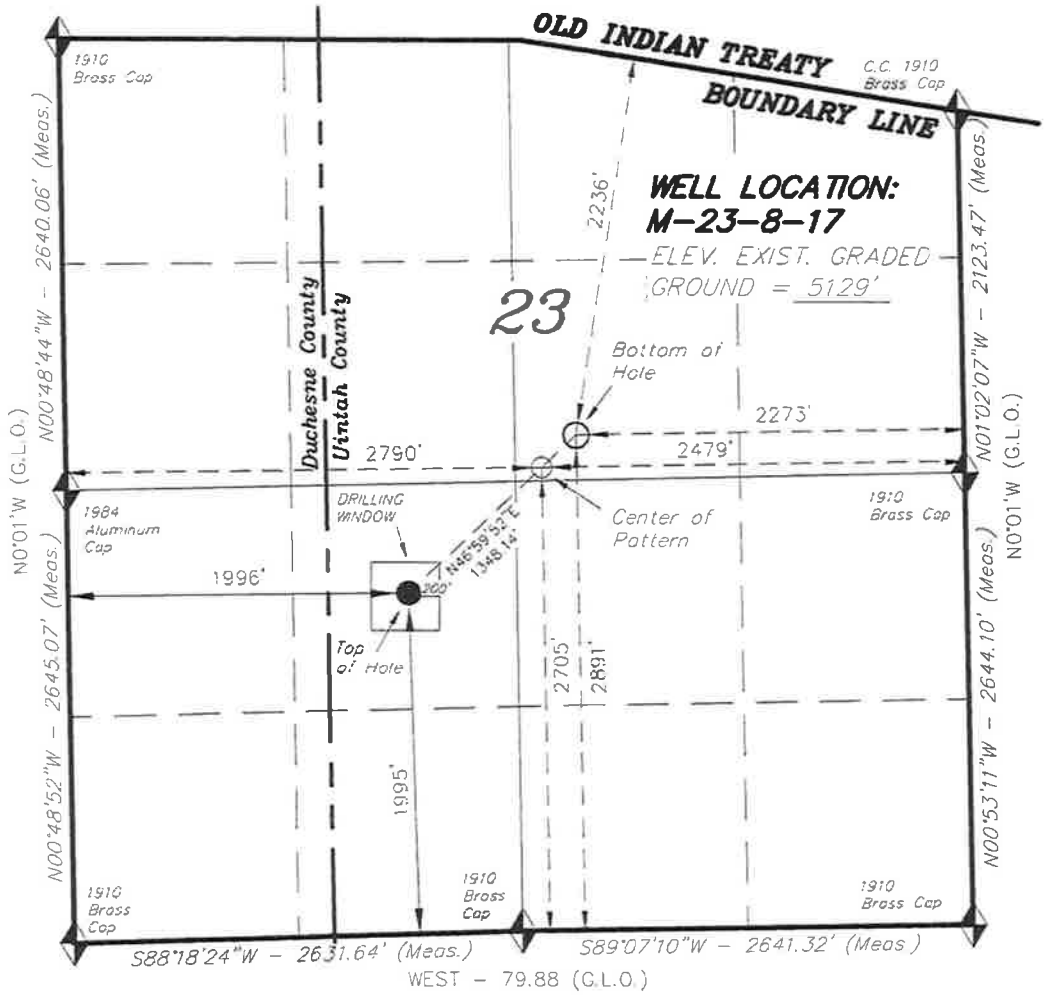
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

*(Instructions on page 2)

RECEIVED: Mar. 15, 2011

T8S, R17E, S.L.B.&M.



◆ = SECTION CORNERS LOCATED

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

M-23-8-17
(Surface Location) NAD 83
LATITUDE = 40° 06' 06.18"
LONGITUDE = 109° 58' 33.60"

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, M-23-8-17, LOCATED AS SHOWN IN THE NE 1/4 SW 1/4 OF SECTION 23, T8S, R17E, S.L.B.&M. UINTAH COUNTY, UTAH.

TARGET BOTTOM HOLE, M-23-8-17, LOCATED AS SHOWN IN THE SW 1/4 NE 1/4 OF SECTION 23, T8S, R17E, 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.

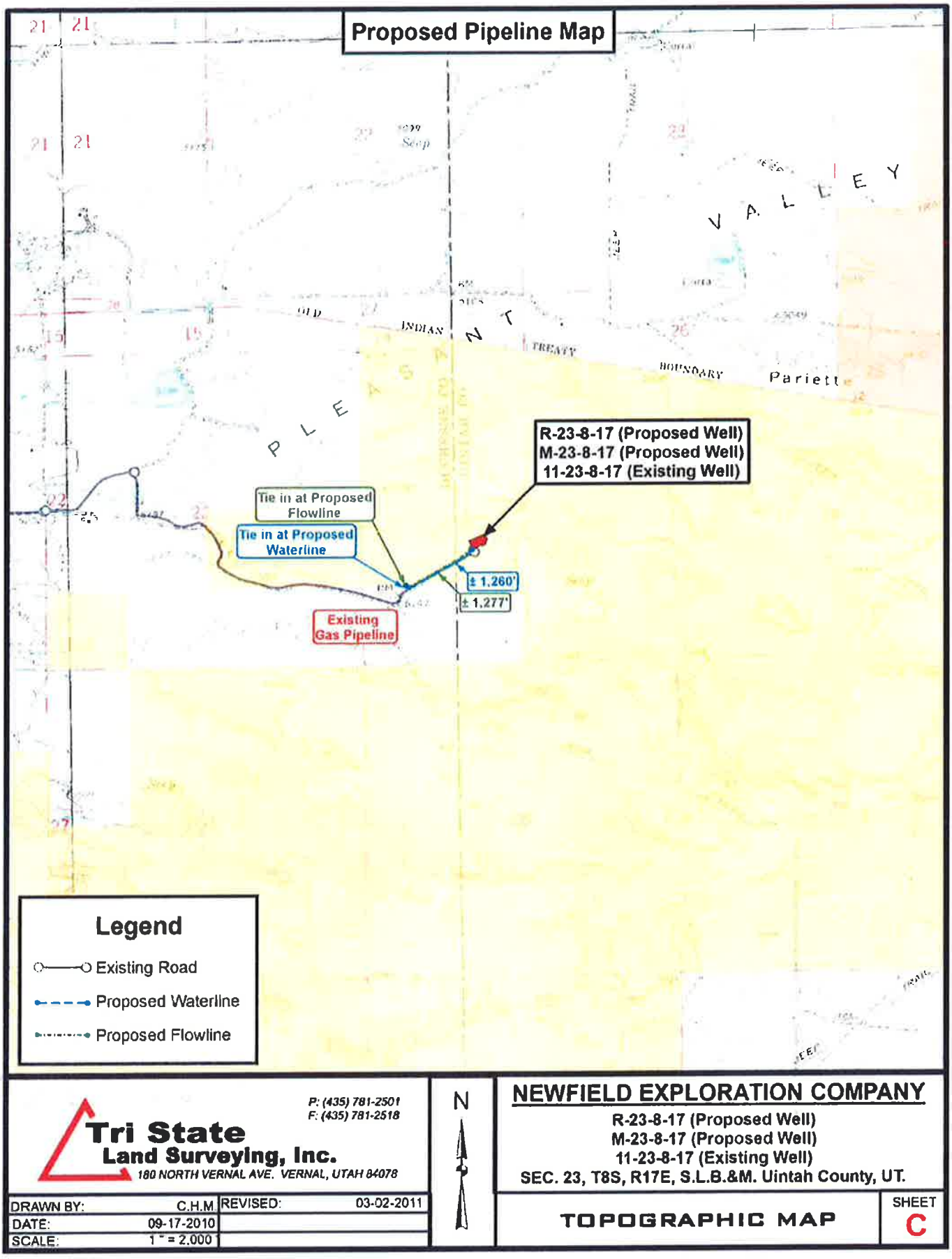
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
No. 189377
STACY W. STEWART
STATE OF UTAH

REGISTERED LAND SURVEYOR
REGISTRATION No.
STATE OF UTAH

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

DATE SURVEYED: 08-17-10	SURVEYED BY: D.G.
DATE DRAWN: 10-06-10	DRAWN BY: M.W.
REVISED: 03-02-11 F.T.M.	SCALE: 1" = 1000'



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

DRAWN BY:	C.H.M	REVISED:	03-02-2011
DATE:	09-17-2010		
SCALE:	1" = 2,000'		

NEWFIELD EXPLORATION COMPANY

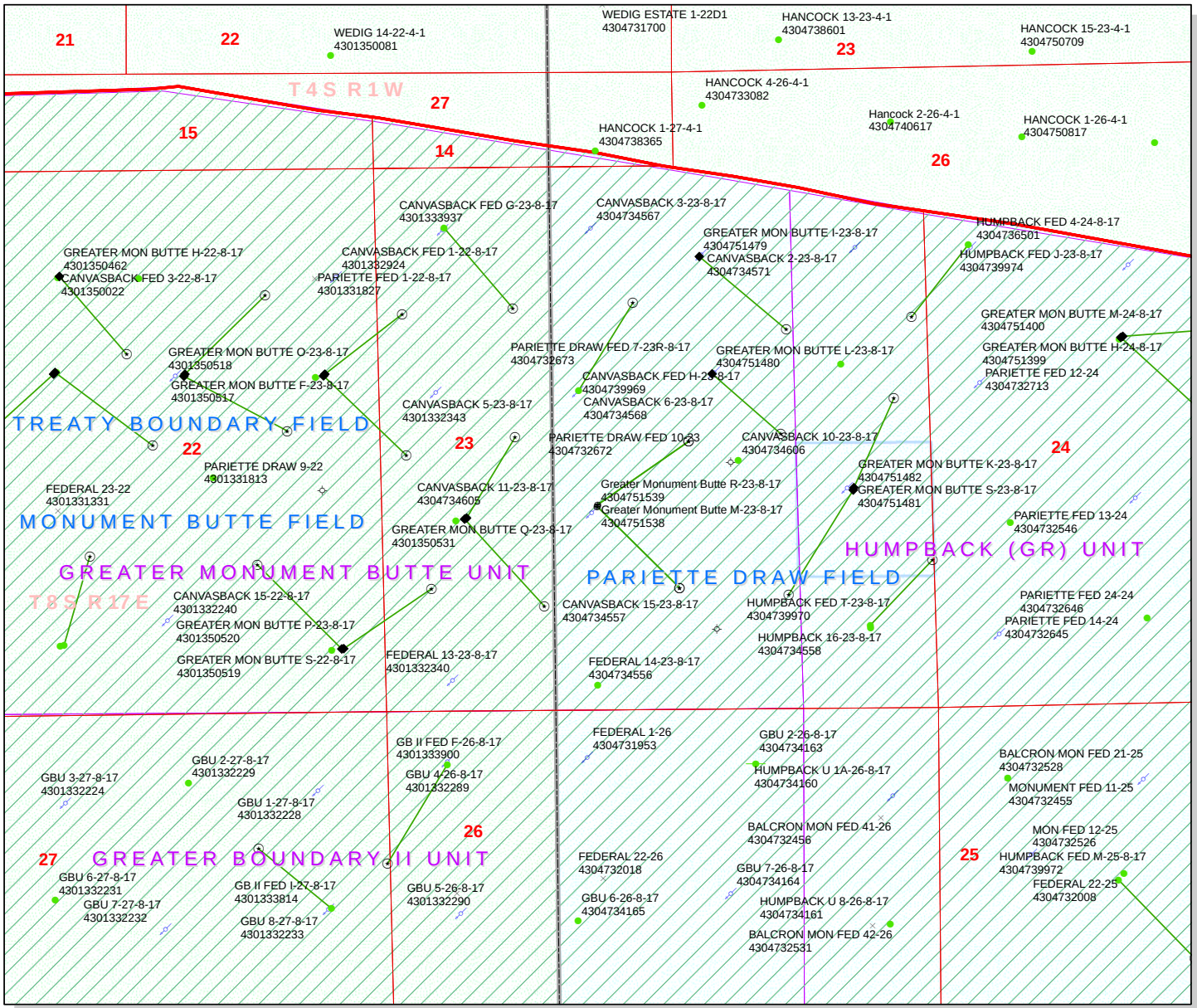
R-23-8-17 (Proposed Well)
M-23-8-17 (Proposed Well)
11-23-8-17 (Existing Well)
SEC. 23, T8S, R17E, S.L.B.&M. Uintah County, UT.

TOPOGRAPHIC MAP

SHEET C

RECEIVED: Mar. 15, 2011

API Well Number: 43047515380000



API Number: 4304751538

Well Name: Greater Monument Butte M-23-8-17

Township T0.8 . Range R1.7 . Section 23

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

1,250 625 0 1,250 Feet

1:12,000

RECEIVED: Mar. 16, 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)

March 16, 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 were permitted in the wrong county (please see our memo dated December 9, 2010). The 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)		
43-047-51538	GMBU M-23-8-17	Sec 23 T08S R17E 1995 FSL 1996 FWL BHL Sec 23 T08S R17E 2236 FNL 2273 FEL
43-047-51539	GMBU R-23-8-17	Sec 23 T08S R17E 1975 FSL 1991 FWL BHL Sec 23 T08S R17E 1164 FSL 2506 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: 2011.03.16 15:17:04 -06'00'

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

MCoulthard:mc:3-16-11

RECEIVED: Mar. 16, 2011

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 3/14/2011 **API NO. ASSIGNED:** 43047515380000
WELL NAME: Greater Monument Butte M-23-8-17
OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695) **PHONE NUMBER:** 435 646-4825
CONTACT: Mandie Crozier

PROPOSED LOCATION: NESW 23 080S 170E **Permit Tech Review:** ☑
SURFACE: 1995 FSL 1996 FWL **Engineering Review:** ☐
BOTTOM: 2236 FNL 2273 FEL **Geology Review:** ☑
COUNTY: UINTAH
LATITUDE: 40.10166 **LONGITUDE:** -109.97527
UTM SURF EASTINGS: 587344.00 **NORTHINGS:** 4439333.00
FIELD NAME: MONUMENT BUTTE
LEASE TYPE: 1 - Federal
LEASE NUMBER: UTU-76239 **PROPOSED PRODUCING FORMATION(S):** GREEN RIVER
SURFACE OWNER: 1 - Federal **COALBED METHANE:** NO

RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** FEDERAL - WYB000493
- ☐ **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:
4 - Federal Approval - dmason
15 - Directional - dmason
27 - Other - bhill

RECEIVED: Mar. 28, 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: Greater Monument Butte M-23-8-17
API Well Number: 43047515380000
Lease Number: UTU-76239
Surface Owner: FEDERAL
Approval Date: 3/28/2011

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:
State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

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.

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).

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

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at http://oilgas.ogm.utah.gov

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

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-76239

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: GREATER MON BUTTE M-23-8-17

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43047515380000

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

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1995 FSL 1996 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 23 Township: 08.0S Range: 17.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 3/28/2012	☐ 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 extend the Application for Permit to Drill this well for one year.

Approved by the Utah Division of Oil, Gas and Mining

Date: March 12, 2012

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Tech
SIGNATURE N/A		**DATE** 3/7/2012

RECEIVED: Mar. 07, 2012

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047515380000

API: 43047515380000
Well Name: GREATER MON BUTTE M-23-8-17
Location: 1995 FSL 1996 FWL QTR NESW SEC 23 TWNP 080S RNG 170E MER S
Company Permit Issued to: NEWFIELD PRODUCTION COMPANY
Date Original Permit Issued: 3/28/2011

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

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Signature: Mandie Crozier **Date:** 3/7/2012
Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

RECEIVED: Mar. 07, 2012

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-76239

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: GREATER MON BUTTE M-23-8-17

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43047515380000

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

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1995 FSL 1996 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 23 Township: 08.0S Range: 17.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 3/28/2013	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ 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
☐ 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
	☐ 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 extend the Application for Permit to Drill this well.

Approved by the Utah Division of Oil, Gas and Mining

Date: March 12, 2013

By:

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

SIGNATURE	DATE
N/A	3/5/2013

RECEIVED: Mar. 05, 2013

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047515380000

API: 43047515380000
Well Name: GREATER MON BUTTE M-23-8-17
Location: 1995 FSL 1996 FWL QTR NESW SEC 23 TWNP 080S RNG 170E MER S
Company Permit Issued to: NEWFIELD PRODUCTION COMPANY
Date Original Permit Issued: 3/28/2011

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

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Signature: Mandie Crozier **Date:** 3/5/2013
Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

RECEIVED: Mar. 05, 2013

RECEIVED

Form 3160-3
(August 2007)

~~MAR 16 2011~~
Dec 09 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
BLM VERNAL, UTAH

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.
UTU-76239

6. If Indian, Allotee or Tribe Name
NA

1a. Type of work: ☑ DRILL ☐ REENTER

7. If Unit or CA Agreement, Name and No.
Greater Monument Butte

1b. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Other ☑ Single Zone ☐ Multiple Zone

8. Lease Name and Well No.
Greater Monument Butte M-23-8-17

2. Name of Operator Newfield Production Company

9. API Well No.
43-047-51538

3a. Address Route #3 Box 3630, Myton UT 84052

3b. Phone No. *(include area code)*
(435) 646-3721

10. Field and Pool, or Exploratory
Monument Butte

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*
At surface NE/SW 1995' FSL 1996' FWL Sec. 23, T8S R17E (UTU-76239)
At proposed prod. zone SW/NE 2236' FNL 2273' FEL Sec. 23, T8S R17E (UTU-76239)

11. Sec., T. R. M. or Blk. and Survey or Area
Sec. 23, T8S R17E

14. Distance in miles and direction from nearest town or post office*
Approximately 12.9 miles southeast of Myton, UT

12. County or Parish
Uintah

13. State
UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of acres in lease	17. Spacing Unit dedicated to this well
Approx. 953' f/lse, NA' f/unit	473.84	20 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	**19. Proposed Depth**	**20. BLM/BIA Bond No. on file**
Approx. 1,212'	6,806'	WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	**22. Approximate date work will start***	**23. Estimated duration**
5129' GL	1st Qrtr. 2011	(7) days from SPUD to rig release

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature	Name *(Printed/Typed)*	Date
Mandie Crozier	Mandie Crozier	12/8/10

Title
Regulatory Specialist

Approved by *(Signature)*	Name *(Printed/Typed)*	Date
	Jerry Kenczka	JUN 19 2013
Title	**Office**	
Assistant Field Manager Lands & Mineral Resources	VERNAL FIELD OFFICE	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

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 2)

*(Instructions on page 2)

UDOGM

RECEIVED
JUN 25 2013
DIV. OF OIL, GAS & MINING

NOS 10/8/10

AFMSS# 11GX1091A

NOTICE OF APPROVAL
CONDITIONS OF APPROVAL ATTACHED

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-4400

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	**Newfield Production Company**	**Location:**	**NESW, Sec. 23, T8S R17E**
Well No:	**GMBU M-23-8-17**	**Lease No:**	**UTU-76239**
API No:	**43-047-51538**	**Agreement:**	**Greater Monument Butte**

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: blm_ut_vn_opreport@blm.gov
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.

- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.

- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

Site Specific COA's

STANDARD STIPULATIONS

Minerals and Paleontology

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.

- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

Green River District Reclamation Guidelines

The Operator will comply with the requirements of the ***Green River District (GRD) Reclamation Guidelines*** formalized by Green River District Instructional Memo UTG000-2011-003 on March 28, 2011. Documentation of the compliance will be as follows:

- The operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) that designates the proposed site-specific monitoring and reference sites chosen for the location. A description of the proposed sites shall be included, as well as a map showing the locations of the proposed sites.

- The operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) 3 growing seasons after reclamation efforts have occurred evaluating the status of the reclaimed areas in order to determine whether the BLM standards set forth in the GRD Reclamation Guidelines have been met (30% or greater basal cover).

- Prior to beginning new surface disturbance, the operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) providing the results of the noxious weed inventory described in the GRD Reclamation Guidelines (2011). If weeds are found the report shall include 1) A GPS

location recorded in North American Datum 1983; 2) species; 3) canopy cover or number of plants; 4) and size of infestation (estimate square feet or acres. Information shall be also documented in the reclamation report.

CONDITIONS OF APPROVAL

Wildlife

In accordance with the Record of Decision for the Castle Peak and Eightmile Flat Oil and Gas Expansion Project, Newfield Rocky Mountains Inc., the following COA's are required:

- WFM-1 On level or gently sloping ground (5 percent slope or less) Newfield will elevate surface pipelines (4 inches or greater in diameter) a minimum of 6 inches above the ground to allow passage of small animals beneath the pipe. This ground clearance will be achieved by placing the pipeline on blocks at intervals of 150 to 200 feet.

- WFM-4 Newfield will install noise reduction devices on all pump jacks to reduce intermittent noise to 45 dBA at 660 feet from the source.

COA's derived from mitigating measures in the EA:

If construction and drilling is anticipated during any of the following wildlife seasonal spatial restrictions, a BLM biologist or a qualified consulting firm biologist must conduct applicable surveys using an accepted protocol prior to any ground disturbing activities.

- The proposed project is within 0.25 mile of burrowing owl habitat. If construction or drilling is proposed from March 1-August 31, then a nesting survey will be conducted by a qualified biologist according to protocol. If no nests are located, then permission to proceed may be granted by the BLM Authorized Officer. If a nest is located, then the timing restriction will remain in effect.

- There is a ferruginous hawk nest within ½ mile of the proposed project area. If construction or drilling is proposed from March 1-August 31, then a nesting survey will be conducted by a qualified biologist according to protocol. If the nest is found to be inactive, then permission to proceed may be granted by the BLM Authorized Officer. If the nest is determined to be active, then the timing restriction will remain in effect.

- If it is anticipated that construction or drilling will occur during Mountain plover nesting season (May 1 – June 15), a BLM biologist will be notified to determine if surveys are necessary prior to beginning operations. If surveys are deemed necessary, depending on the results permission to proceed may or may not, be granted by the BLM Authorized Officer.

For protection of T&E Fish if drawing water from the Green River

- For areas of fresh water collection, an infiltration gallery will be constructed in a Service approved location. An infiltration gallery is basically a pit or trench dug within the floodplain to a depth below the water table. Water is drawn from the pit rather than from the river directly. If this is not possible, limit pumping within the river to off-channel locations that do not connect to the river during high spring flows.

- If water cannot be drawn using the measures above and the pump head will be located in the river channel where larval fish are known to occur, the following measures apply:
    - Avoid pumping from low-flow or no-flow areas as these habitats tend to concentrate larval fished
    - Avoid pumping to the greatest extent possible, during that period of the year when larval fish may be present (see previous bullet); and
    - Avoid pumping, to the greatest extent possible, during the midnight hours (10:00 p.m. to 2:00 a.m.) as larval drift studies indicate that this is a period of greatest daily activity. Dusk is the preferred pumping time, as larval drift abundance is lowest during this time.
    - Screen all pump intakes with 3/32-inch mesh material.

- Report any fish impinged on the intake screen to the FWS office (801.975.3330) and the:
  Utah Division of Wildlife Resources
  Northeastern Region
  152 East 100 North
  Vernal, UT 84078
  (435) 781-9453

Air Quality

- All internal combustion equipment will be kept in good working order.

- Water or other approved dust suppressants will be used at construction sites and along roads, as determined appropriate by the Authorized Officer. Dust suppressant such as magnesium chloride or fresh water may be used, as needed, during the drilling phase.

- Open burning of garbage or refuse will not occur at well sites or other facilities.

- Drill rigs will be equipped with Tier II or better diesel engines.

- Low bleed pneumatics will be installed on separator dump valves and other controllers.

- During completion, no venting will occur, and flaring will be limited as much as possible. Production equipment and gathering lines will be installed as soon as possible.

- Telemetry will be installed to remotely monitor and control production.

- When feasible, two or more rigs (including drilling and completion rigs) will not be run simultaneously within 200 meters of each other. If two or more rigs must be run simultaneously within 200 meters of each other, then effective public health buffer zones out to 200 meters (m) from the nearest emission source will be implemented. Examples of an effective public health protection buffer zone include the demarcation of a public access exclusion zone by signage at intervals of every 250 feet that is visible from a distance of 125 feet during daylight hours, and a physical buffer such as active surveillance to ensure the property is not accessible by the public during drilling operations. Alternatively, the proponent may demonstrate compliance with the 1-hour NO_2 National Ambient Air Quality Standards (NAAQS) with appropriate and accepted near-field modeling. As part of this demonstration, the proponent may propose alternative mitigation that could include but is not limited to natural gas–fired drill rigs, installation of NO_X controls, time/use restrictions, and/or drill rig spacing.

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horse power must not emit more than 2 grams of NO_X per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower-hour.

- All new and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 grams of NO_X per horsepower-hour.

- Green completions will be used for all well completion activities where technically feasible.

- Employ enhanced VOC emission controls with 95% control efficiency on production equipment having a potential to emit greater than 5 tons per year.

Plants: Threatened, Endangered, Proposed, or Candidate

- *Discovery Stipulation*: Reinitiation of Section 7 consultation with the USFWS will be sought immediately if any loss of plants or occupied habitat for Pariette cactus or Uinta Basin hookless cactus is anticipated as a result of project activities.

- A silt fence will be built between the construction site and *sclerocactus* specimens within the buffer zone around the activity.

- A permitted monitor will be on site to monitor impacts to *sclerocactus during construction.*

- No surface flowline or buried water line will be installed.

DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- The operator shall comply with all applicable requirements in the SOP (version: "Greater Monument Butte Green River Development Program", June 24, 2008). The operator shall also comply with applicable laws and regulations; with the lease terms, Onshore Oil and Gas Orders, NTL's; and with other orders and instructions of the authorized officer.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB

or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

- **Please submit an electronic copy of all other logs run on this well in LAS format to BLM_UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:

    - Operator name, address, and telephone number.
    - Well name and number.
    - Well location (¼¼, Sec., Twn, Rng, and P.M.).
    - Date well was placed in a producing status (date of first production for which royalty will be paid).
    - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
    - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
    - Unit agreement and/or participating area name and number, if applicable.
    - Communitization agreement number, if applicable.

- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.

- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of

the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.

- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.

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

- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of

Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross # 29 Submitted By Branden Arnold Phone Number 435-401-0223
Well Name/Number GMBU M-23-8-17
Qtr/Qtr NE/SW Section 23 Township 8S Range 17E
Lease Serial Number UTU-76239
API Number 43-047-51538

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

Date/Time 7/15/13 4:00 AM ☐ PM ☒

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

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

Date/Time 7/16/13 10:00 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
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: UTU-76239

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: GREATER MON BUTTE M-23-8-17

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43047515380000

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

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1995 FSL 1996 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 23 Township: 08.0S Range: 17.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☑ SPUD REPORT Date of Spud: 7/16/2013	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ 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.

On 7/16/13 spud and drilled 322' of 12 1/4" hole, P/U and run 7 jts of 8 5/8" casing set 315.94'KB. On 7/17/13 cement w/Baker Hughes w/160 sks of class G+2%kcl+.25#CF mixed @ 15.8ppg and 1.17 yield. Returned 7bbls to pit, bump plug to 720psi, BLM and State were notified of spud via email.

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

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Cherei Neilson	435 646-4883	Drilling Techinacian
SIGNATURE N/A		**DATE** 8/1/2013

RECEIVED: Aug. 01, 2013

Casing / Liner Detail

Well	GMBU M-23-8-17
Prospect	Monument Butte
Foreman	
Run Date:	
String Type	Conductor, 14", 36.75#, H-40, W (Welded)

- Detail From Top To Bottom -

Depth	*Length*	*JTS*	*Description*	*OD*	*ID*
30.00			10' KB		
10.00	20.00		Conductor	14.000	13.500
30.00			-		

Cement Detail

Cement Company:

Slurry	# of Sacks	Weight (ppg)	Yield	Volume (ft^3)	Description - Slurry Class and Additives

Stab-In-Job?		Cement To Surface?	
BHT:	0	Est. Top of Cement:	
Initial Circulation Pressure:		Plugs Bumped?	
Initial Circulation Rate:		Pressure Plugs Bumped:	
Final Circulation Pressure:		Floats Holding?	
Final Circulation Rate:		Casing Stuck On / Off Bottom?	
Displacement Fluid:		Casing Reciprocated?	
Displacement Rate:		Casing Rotated?	
Displacement Volume:		CIP:	
Mud Returns:		Casing Wt Prior To Cement:	
Centralizer Type And Placement:		Casing Weight Set On Slips:	

RECEIVED: Aug. 01, 2013

Casing / Liner Detail

Well GMBU M-23-8-17

Prospect Monument Butte

Foreman

Run Date:

String Type Surface, 8.625", 24#, J-55, STC (Generic)

- Detail From Top To Bottom -

Depth	Length	JTS	Description	OD	ID
315.94			10' KB		
10.00	1.42		Wellhead		
11.42	257.14	6	Casing	8.625	
268.56	1.00		Float	8.625	
269.56	44.88	1	Shoe Joint	8.625	
314.44	1.50		Guide Shoe	8.625	
315.94			-		

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	Cement To Surface?	Yes
BHT:	0	Est. Top of Cement:	0
Initial Circulation Pressure:		Plugs Bumped?	Yes
Initial Circulation Rate:		Pressure Plugs Bumped:	720
Final Circulation Pressure:		Floats Holding?	No
Final Circulation Rate:		Casing Stuck On / Off Bottom?	No
Displacement Fluid:	Water	Casing Reciprocated?	No
Displacement Rate:		Casing Rotated?	No
Displacement Volume:	16.5	CIP:	10:20
Mud Returns:		Casing Wt Prior To Cement:	
Centralizer Type And Placement:		Casing Weight Set On Slips:	

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

RECEIVED: Aug. 01, 2013

RECEIVED: Aug. 01, 2013

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# NDSI SS # 2
Submitted By Justin Crum Phone Number 435-823-6732
Well Name/Number GMBU M-23-8-17
Qtr/Qtr NESW Section 23 Township 8S Range 17E
Lease Serial Number UTU-76239
API Number 43-047-51538

Rig Move Notice – Move drilling rig to new location.

Date/Time 8/3/2013 7:00 AM ☐ PM ☐

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

Date/Time 8/3/2013 10:00 AM ☐ PM ☐

Remarks _____

RECEIVED
AUG 02 2013
DIV. OF OIL, GAS & MINING

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# SS#2 Submitted By Jay Burton Phone Number 435-823-6013
Well Name/Number GMBU M-23-8-17
Qtr/Qtr NE/SW Section 23 Township 8S Range 17E
Lease Serial Number UTU-76239
API Number 43-047-51538

TD Notice – TD is the final drilling depth of hole.

Date/Time 8/6/13 2:00 AM ☐ PM ☐

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

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

Date/Time 8/7/13 8:00 AM ☐ PM ☐

RECEIVED
AUG 06 2013
DIV. OF OIL, GAS & MINING

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# NDSI SS # 2
Submitted By Justin Crum Phone Number 435-823-6732
Well Name/Number GMBU M-23-8-17
Qtr/Qtr NESW Section 23 Township 8S Range 17E
Lease Serial Number UTU-76239
API Number 43-047-51538

Rig Move Notice – Move drilling rig to new location.

Date/Time 8/3/2013 7:00 AM ☐ PM ☐

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

Date/Time 8/3/2013 10:00 AM ☐ PM ☐

Remarks _____

RECEIVED
AUG 02 2013
DIV. OF OIL, GAS & MINING

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# SS#2 Submitted By Jay Burton Phone Number 435-823-6013
Well Name/Number GMBU M-23-8-17
Qtr/Qtr NE/SW Section 23 Township 8S Range 17E
Lease Serial Number UTU-76239
API Number 43-047-51538

TD Notice – TD is the final drilling depth of hole.

Date/Time 8/6/13 2:00 AM ☐ PM ☐

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

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

Date/Time 8/7/13 8:00 AM ☐ PM ☐

RECEIVED
AUG 06 2013
DIV. OF OIL, GAS & MINING

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-76239

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: GREATER MON BUTTE M-23-8-17

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43047515380000

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

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1995 FSL 1996 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 23 Township: 08.0S Range: 17.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
✓ DRILLING REPORT Report Date: 9/7/2013	☐ 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 09/07/2013 at 14:15 hours.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
October 07, 2013

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Jennifer Peatross	435 646-4885	Production Technician
SIGNATURE N/A		**DATE** 10/7/2013

RECEIVED: Oct. 07, 2013

API Well Number: 43047515380000

PBTVD 6601'
BHL 2095 FSL or
BHL -2390 FNL

Form 3160-4
(March 2012)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: UTU-76239

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:

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

2. Name of Operator: NEWFIELD PRODUCTION COMPANY

8. Lease Name and Well No.: Greater Monument Butte M-23-8-17

3. Address: ROUTE #3 BOX 3630, MYTON, UT 84052

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

9. API Well No.: 43-047-51538

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

At surface: 1995' FSL 1996' FWL (NE/SW) Sec 23, T8S, R17E (UTU-76239)

At top prod. interval reported below: 2613' FSL 2612' FEL (SW/NE) Sec 23, T8S, R17E (UTU-76239)

At total depth: 2895' FSL 2285' FEL (SW/NE) Sec 23, T8S, R17E (UTU-76239)

10. Field and Pool or Exploratory: MONUMENT BUTTE

11. Sec., T., R., M., on Block and Survey or Area: Sec. 23, T8S, R17E, Mer SLB

12. County or Parish: UINTAH

13. State: UT

14. Date Spudded: 07/16/2013

15. Date T.D. Reached: 08/07/2013

16. Date Completed: ☐ D & A ☑ Ready to Prod. 09/06/2013

17. Elevations (DF, RKB, RT, GL)*: 5129' GL 5139' KB

18. Total Depth: MD 6809' TVD 6653'

19. Plug Back T.D.: MD 6757' TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, 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	316'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6795'		300 Econocem		966'	
						445Expandacem			

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@6675'	TA@6576'						

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	4849'	6600'	4849' - 6600' MD	.34	70	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4849' - 6600' MD	Frac w/ 199920#s of 20/40 white sand in 2210 bbls of Lightning 17 fluid, in 5 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
9/5/2013	9/16/13	24	→	93	57	46			2.5 x 1.75 x 20 RHAC

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)

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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.)*

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
				GARDEN GULCH MARK	4355
				GARDEN GULCH 1	4548
				GARDEN GULCH 2	4676
				POINT 3	4963
				X MRKR	5201
				Y MRKR	5240
				DOUGLAS CREEK MRK	5378
				BI CARBONATE MRK	5676
				B LIMESTONE MRK	5838
				CASTLE PEAK	6241
				BASAL CARBONATE	6663
				WASATCH	6793

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: Drilling daily activity

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)* Heather Calder Title Regulatory Technician

Signature Heather Calder Date 10/02/2013

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)

RECEIVED: Oct. 03, 2013

NEWFIELD

NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 23 T8S, R17E
M-23-8-17
Wellbore #1

Design: Actual

End of Well Report

08 August, 2013

NEWFIELD

Payzone Directional

End of Well Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well M-23-8-17
Project:	USGS Myton SW (UT)	**TVD Reference:**	M-23-8-17 @ 5139.0ft (NDSI SS #2)
Site:	SECTION 23 T8S, R17E	**MD Reference:**	M-23-8-17 @ 5139.0ft (NDSI SS #2)
Well:	M-23-8-17	**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 23 T8S, R17E

Site Position:		**Northing:**	7,207,900.00 ft	**Latitude:**	40° 5' 51.665 N
From:	Map	**Easting:**	2,064,500.00 ft	**Longitude:**	109° 59' 2.132 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	0.97 °

Well M-23-8-17, SHL LAT: 40° 06' 06.18, LONG: -109° 58' 33.60

Well Position	**+N/-S**	0.0 ft	**Northing:**	7,209,406.13 ft	**Latitude:**	40° 6' 6.180 N
	+E/-W	0.0 ft	**Easting:**	2,066,691.74 ft	**Longitude:**	109° 58' 33.600 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	5,139.0 ft	**Ground Level:**	5,129.0 ft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	10/4/2010	11.38	65.88	52,385

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	47.32

Survey Program **Date** 8/8/2013

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
345.0	6,809.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard

NEWFIELD

Payzone Directional

End of Well Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well M-23-8-17
Project:	USGS Myton SW (UT)	**TVD Reference:**	M-23-8-17 @ 5139.0ft (NDSI SS #2)
Site:	SECTION 23 T8S, R17E	**MD Reference:**	M-23-8-17 @ 5139.0ft (NDSI SS #2)
Well:	M-23-8-17	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	E/W (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
345.0	0.22	257.52	345.0	-0.6	-0.1	-0.6	0.06	0.06	0.00
375.0	0.22	312.19	375.0	-0.6	-0.1	-0.7	0.67	0.00	182.23
406.0	0.20	319.60	406.0	-0.6	0.0	-0.8	0.11	-0.06	23.90
436.0	0.10	174.70	436.0	-0.6	0.0	-0.9	0.96	-0.33	-483.00
466.0	0.20	31.50	466.0	-0.6	0.0	-0.8	0.95	0.33	-477.33
497.0	0.20	161.40	497.0	-0.6	0.0	-0.8	1.17	0.00	419.03
527.0	0.20	142.30	527.0	-0.6	-0.1	-0.7	0.22	0.00	-63.67
557.0	0.60	45.70	557.0	-0.5	0.0	-0.6	2.18	1.33	-322.00
587.0	0.80	41.40	587.0	-0.1	0.2	-0.3	0.69	0.67	-14.33
617.0	0.90	64.00	617.0	0.3	0.5	0.0	1.16	0.33	75.33
647.0	1.20	60.60	647.0	0.9	0.8	0.5	1.02	1.00	-11.33
677.0	1.60	58.40	677.0	1.6	1.1	1.1	1.35	1.33	-7.33
708.0	2.30	51.80	708.0	2.6	1.7	2.0	2.37	2.26	-21.29
738.0	2.60	52.20	737.9	3.9	2.5	3.0	1.00	1.00	1.33
768.0	2.90	50.70	767.9	5.4	3.4	4.1	1.03	1.00	-5.00
799.0	2.90	55.20	798.9	6.9	4.4	5.4	0.73	0.00	14.52
829.0	3.60	49.10	828.8	8.6	5.4	6.7	2.60	2.33	-20.33
859.0	3.90	47.60	858.7	10.6	6.7	8.2	1.05	1.00	-5.00
890.0	4.00	49.40	889.7	12.7	8.1	9.8	0.51	0.32	5.81
921.0	4.30	48.50	920.6	14.9	9.6	11.5	0.99	0.97	-2.90
951.0	4.90	47.00	950.5	17.3	11.2	13.2	2.04	2.00	-5.00
981.0	5.10	47.30	980.4	20.0	13.0	15.2	0.67	0.67	1.00
1,011.0	5.30	47.60	1,010.3	22.7	14.8	17.2	0.67	0.67	1.00
1,055.0	5.80	49.30	1,054.1	26.9	17.7	20.4	1.20	1.14	3.86
1,099.0	6.70	47.50	1,097.8	31.7	20.9	23.9	2.09	2.05	-4.09
1,143.0	6.70	46.10	1,141.5	36.9	24.4	27.7	0.37	0.00	-3.18

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well M-23-8-17
Project:	USGS Myton SW (UT)	**TVD Reference:**	M-23-8-17 @ 5139.0ft (NDSI SS #2)
Site:	SECTION 23 T8S, R17E	**MD Reference:**	M-23-8-17 @ 5139.0ft (NDSI SS #2)
Well:	M-23-8-17	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	E/W (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
1,187.0	7.00	47.20	1,185.2	42.1	28.0	31.5	0.74	0.68	2.50
1,230.0	7.70	46.90	1,227.8	47.6	31.7	35.5	1.63	1.63	-0.70
1,274.0	8.30	46.60	1,271.4	53.7	35.9	40.0	1.37	1.36	-0.68
1,318.0	8.80	46.40	1,314.9	60.3	40.4	44.7	1.14	1.14	-0.45
1,362.0	9.40	47.90	1,358.3	67.2	45.1	49.8	1.47	1.36	3.41
1,406.0	10.00	47.70	1,401.7	74.6	50.1	55.3	1.37	1.36	-0.45
1,449.0	11.10	49.10	1,444.0	82.5	55.3	61.2	2.63	2.56	3.26
1,493.0	12.00	48.10	1,487.1	91.3	61.2	67.8	2.10	2.05	-2.27
1,537.0	12.90	47.50	1,530.1	100.8	67.5	74.8	2.07	2.05	-1.36
1,581.0	13.80	47.80	1,572.9	111.0	74.4	82.3	2.05	2.05	0.68
1,625.0	14.20	48.30	1,615.6	121.6	81.5	90.3	0.95	0.91	1.14
1,668.0	14.80	47.20	1,657.2	132.4	88.7	98.2	1.54	1.40	-2.56
1,712.0	15.10	47.60	1,699.7	143.7	96.4	106.6	0.72	0.68	0.91
1,756.0	15.40	47.40	1,742.2	155.3	104.2	115.1	0.69	0.68	-0.45
1,800.0	15.40	46.90	1,784.6	167.0	112.2	123.7	0.30	0.00	-1.14
1,844.0	15.80	46.40	1,827.0	178.8	120.3	132.3	0.96	0.91	-1.14
1,888.0	15.70	46.70	1,869.3	190.8	128.5	141.0	0.29	-0.23	0.68
1,931.0	15.70	46.10	1,910.7	202.4	136.6	149.4	0.38	0.00	-1.40
1,975.0	15.60	45.50	1,953.1	214.3	144.8	157.9	0.43	-0.23	-1.36
2,019.0	15.20	45.40	1,995.5	225.9	153.0	166.2	0.91	-0.91	-0.23
2,063.0	15.30	45.70	2,037.9	237.5	161.1	174.5	0.29	0.23	0.68
2,106.0	14.90	45.30	2,079.5	248.7	169.0	182.5	0.96	-0.93	-0.93
2,150.0	14.40	45.70	2,122.0	259.8	176.8	190.4	1.16	-1.14	0.91
2,194.0	14.00	45.59	2,164.7	270.6	184.3	198.1	0.91	-0.91	-0.25
2,238.0	13.40	45.00	2,207.4	281.0	191.7	205.5	1.40	-1.36	-1.34
2,282.0	13.58	43.50	2,250.2	291.3	199.0	212.7	0.89	0.41	-3.41
2,325.0	13.87	41.81	2,292.0	301.4	206.5	219.6	1.15	0.67	-3.93

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well M-23-8-17
Project:	USGS Myton SW (UT)	**TVD Reference:**	M-23-8-17 @ 5139.0ft (NDSI SS #2)
Site:	SECTION 23 T8S, R17E	**MD Reference:**	M-23-8-17 @ 5139.0ft (NDSI SS #2)
Well:	M-23-8-17	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	E/W (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
2,369.0	13.27	43.33	2,334.8	311.7	214.1	226.6	1.59	-1.36	3.45
2,413.0	13.05	44.20	2,377.6	321.7	221.4	233.5	0.67	-0.50	1.98
2,457.0	13.05	42.89	2,420.5	331.6	228.6	240.4	0.67	0.00	-2.98
2,501.0	12.70	43.40	2,463.4	341.4	235.7	247.1	0.84	-0.80	1.16
2,544.0	12.60	45.90	2,505.3	350.8	242.4	253.7	1.29	-0.23	5.81
2,588.0	12.70	46.60	2,548.3	360.5	249.1	260.6	0.42	0.23	1.59
2,632.0	12.90	48.20	2,591.2	370.2	255.7	267.8	0.92	0.45	3.64
2,676.0	14.00	48.10	2,634.0	380.4	262.5	275.4	2.50	2.50	-0.23
2,720.0	14.30	47.60	2,676.6	391.2	269.7	283.4	0.74	0.68	-1.14
2,764.0	14.60	48.00	2,719.2	402.2	277.1	291.5	0.72	0.68	0.91
2,807.0	14.30	48.20	2,760.9	412.9	284.3	299.5	0.71	-0.70	0.47
2,851.0	13.60	47.00	2,803.6	423.5	291.4	307.4	1.72	-1.59	-2.73
2,895.0	13.90	49.20	2,846.3	434.0	298.4	315.2	1.37	0.68	5.00
2,939.0	14.60	51.00	2,889.0	444.8	305.3	323.5	1.88	1.59	4.09
2,983.0	14.68	51.68	2,931.5	455.9	312.3	332.1	0.43	0.18	1.55
3,026.0	15.10	52.10	2,973.1	466.9	319.1	340.8	1.01	0.98	0.98
3,070.0	15.40	52.10	3,015.5	478.4	326.2	350.0	0.68	0.68	0.00
3,114.0	15.00	51.90	3,058.0	489.9	333.3	359.1	0.92	-0.91	-0.45
3,158.0	15.40	51.50	3,100.5	501.4	340.5	368.1	0.94	0.91	-0.91
3,202.0	16.00	52.10	3,142.8	513.3	347.8	377.5	1.41	1.36	1.36
3,245.0	15.64	51.50	3,184.2	525.0	355.1	386.7	0.92	-0.84	-1.40
3,289.0	14.50	49.30	3,226.7	536.4	362.4	395.5	2.90	-2.59	-5.00
3,333.0	13.10	47.00	3,269.4	546.9	369.3	403.3	3.42	-3.18	-5.23
3,377.0	11.70	43.40	3,312.4	556.3	376.0	410.0	3.63	-3.18	-8.18
3,421.0	11.90	42.10	3,355.4	565.3	382.6	416.1	0.76	0.45	-2.95
3,465.0	12.10	42.20	3,398.5	574.4	389.4	422.3	0.46	0.45	0.23
3,508.0	12.50	43.10	3,440.5	583.5	396.1	428.5	1.03	0.93	2.09

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well M-23-8-17
Project:	USGS Myton SW (UT)	**TVD Reference:**	M-23-8-17 @ 5139.0ft (NDSI SS #2)
Site:	SECTION 23 T8S, R17E	**MD Reference:**	M-23-8-17 @ 5139.0ft (NDSI SS #2)
Well:	M-23-8-17	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	E/W (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
3,552.0	12.80	44.60	3,483.4	593.2	403.1	435.2	1.01	0.68	3.41
3,596.0	13.60	44.70	3,526.3	603.2	410.2	442.2	1.82	1.82	0.23
3,640.0	14.80	45.90	3,568.9	614.0	417.8	449.9	2.81	2.73	2.73
3,684.0	15.30	45.70	3,611.4	625.4	425.8	458.1	1.14	1.14	-0.45
3,727.0	14.10	44.60	3,653.0	636.3	433.5	465.8	2.87	-2.79	-2.56
3,771.0	13.50	44.80	3,695.7	646.8	440.9	473.2	1.37	-1.36	0.45
3,815.0	14.40	46.80	3,738.4	657.4	448.3	480.8	2.32	2.05	4.55
3,859.0	15.30	48.30	3,781.0	668.7	455.9	489.1	2.22	2.05	3.41
3,903.0	15.70	46.80	3,823.4	680.4	463.8	497.8	1.29	0.91	-3.41
3,947.0	14.80	45.70	3,865.8	692.0	471.8	506.2	2.15	-2.05	-2.50
3,990.0	14.00	43.70	3,907.5	702.7	479.4	513.7	2.19	-1.86	-4.65
4,034.0	13.10	42.20	3,950.2	712.9	487.0	520.7	2.20	-2.05	-3.41
4,078.0	12.70	41.90	3,993.1	722.7	494.3	527.3	0.92	-0.91	-0.68
4,122.0	12.00	44.10	4,036.1	732.1	501.2	533.7	1.92	-1.59	5.00
4,166.0	12.10	44.10	4,079.1	741.3	507.8	540.1	0.23	0.23	0.00
4,210.0	12.70	43.60	4,122.1	750.7	514.6	546.7	1.39	1.36	-1.14
4,253.0	12.40	44.80	4,164.1	760.0	521.3	553.2	0.92	-0.70	2.79
4,297.0	12.10	45.30	4,207.1	769.4	527.9	559.8	0.72	-0.68	1.14
4,341.0	11.70	46.50	4,250.1	778.4	534.2	566.3	1.07	-0.91	2.73
4,385.0	12.00	46.80	4,293.2	787.5	540.4	572.9	0.70	0.68	0.68
4,429.0	12.10	47.80	4,336.2	796.7	546.6	579.6	0.53	0.23	2.27
4,472.0	12.90	47.20	4,378.2	806.0	552.9	586.5	1.88	1.86	-1.40
4,516.0	13.70	45.80	4,421.0	816.1	559.9	593.8	1.96	1.82	-3.18
4,560.0	14.30	47.90	4,463.7	826.7	567.2	601.6	1.79	1.36	4.77
4,604.0	14.70	48.60	4,506.3	837.7	574.5	609.8	0.99	0.91	1.59
4,648.0	15.00	48.90	4,548.8	849.0	581.9	618.3	0.70	0.68	0.68
4,691.0	15.10	49.60	4,590.4	860.2	589.2	626.7	0.48	0.23	1.63

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well M-23-8-17
Project:	USGS Myton SW (UT)	**TVD Reference:**	M-23-8-17 @ 5139.0ft (NDSI SS #2)
Site:	SECTION 23 T8S, R17E	**MD Reference:**	M-23-8-17 @ 5139.0ft (NDSI SS #2)
Well:	M-23-8-17	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	E/W (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
4,735.0	15.50	49.60	4,632.8	871.8	596.7	635.6	0.91	0.91	0.00
4,779.0	15.20	49.70	4,675.2	883.4	604.3	644.5	0.68	-0.68	0.23
4,823.0	14.20	49.90	4,717.8	894.6	611.5	653.0	2.28	-2.27	0.45
4,867.0	13.80	49.60	4,760.5	905.2	618.4	661.1	0.92	-0.91	-0.68
4,910.0	13.30	49.70	4,802.3	915.3	624.9	668.8	1.16	-1.16	0.23
4,954.0	12.90	48.30	4,845.2	925.2	631.4	676.3	1.16	-0.91	-3.18
4,998.0	12.80	48.00	4,888.1	935.0	638.0	683.6	0.27	-0.23	-0.68
5,042.0	12.20	47.90	4,931.0	944.5	644.3	690.7	1.36	-1.36	-0.23
5,086.0	11.90	46.00	4,974.0	953.7	650.6	697.4	1.13	-0.68	-4.32
5,130.0	11.90	45.00	5,017.1	962.8	657.0	703.9	0.47	0.00	-2.27
5,174.0	12.65	42.70	5,060.1	972.1	663.7	710.3	2.03	1.70	-5.23
5,217.0	12.90	45.70	5,102.0	981.6	670.5	717.0	1.65	0.58	6.98
5,261.0	13.20	47.00	5,144.9	991.6	677.4	724.2	0.95	0.68	2.95
5,305.0	13.20	47.00	5,187.7	1,001.6	684.2	731.5	0.00	0.00	0.00
5,349.0	13.30	46.90	5,230.6	1,011.7	691.1	738.9	0.23	0.23	-0.23
5,393.0	13.00	45.50	5,273.4	1,021.7	698.0	746.1	0.99	-0.68	-3.18
5,436.0	13.10	45.90	5,315.3	1,031.4	704.8	753.0	0.31	0.23	0.93
5,480.0	13.20	45.10	5,358.1	1,041.4	711.8	760.2	0.47	0.23	-1.82
5,524.0	13.80	45.30	5,400.9	1,051.7	719.1	767.5	1.37	1.36	0.45
5,568.0	13.70	45.90	5,443.7	1,062.1	726.4	774.9	0.40	-0.23	1.36
5,612.0	13.10	45.00	5,486.5	1,072.3	733.5	782.2	1.44	-1.36	-2.05
5,623.6	13.21	45.69	5,497.8	1,075.0	735.4	784.1	1.63	0.91	5.94
M-23-8-17 TGT									
5,655.0	13.50	47.50	5,528.3	1,082.2	740.4	789.4	1.63	0.94	5.77
5,699.0	13.80	51.10	5,571.1	1,092.6	747.1	797.2	2.05	0.68	8.18
5,743.0	14.20	51.30	5,613.8	1,103.2	753.8	805.5	0.92	0.91	0.45
5,787.0	14.00	54.20	5,656.4	1,113.9	760.3	814.1	1.67	-0.45	6.59

NEWFIELD

Payzone Directional

End of Well Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well M-23-8-17
Project:	USGS Myton SW (UT)	**TVD Reference:**	M-23-8-17 @ 5139.0ft (NDSI SS #2)
Site:	SECTION 23 T8S, R17E	**MD Reference:**	M-23-8-17 @ 5139.0ft (NDSI SS #2)
Well:	M-23-8-17	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	E/W (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
5,831.0	14.40	56.00	5,699.1	1,124.6	766.5	822.9	1.35	0.91	4.09
5,874.0	14.70	55.60	5,740.7	1,135.2	772.5	831.8	0.74	0.70	-0.93
5,918.0	15.10	55.40	5,783.2	1,146.4	779.0	841.2	0.92	0.91	-0.45
5,962.0	15.60	55.10	5,825.7	1,158.0	785.6	850.7	1.15	1.14	-0.68
6,006.0	15.80	54.60	5,868.0	1,169.8	792.5	860.5	0.55	0.45	-1.14
6,050.0	16.00	53.20	5,910.3	1,181.8	799.6	870.2	0.98	0.45	-3.18
6,093.0	15.70	54.60	5,951.7	1,193.4	806.5	879.7	1.13	-0.70	3.26
6,137.0	15.10	54.20	5,994.1	1,205.0	813.3	889.2	1.38	-1.36	-0.91
6,181.0	14.40	53.60	6,036.7	1,216.1	819.9	898.2	1.63	-1.59	-1.36
6,225.0	13.80	52.10	6,079.3	1,226.8	826.3	906.8	1.60	-1.36	-3.41
6,269.0	13.00	50.80	6,122.1	1,237.0	832.7	914.8	1.94	-1.82	-2.95
6,313.0	12.80	49.60	6,165.0	1,246.8	839.0	922.3	0.76	-0.45	-2.73
6,356.0	13.27	45.70	6,206.9	1,256.5	845.5	929.5	2.32	1.09	-9.07
6,400.0	12.70	46.80	6,249.8	1,266.4	852.4	936.6	1.41	-1.30	2.50
6,444.0	12.30	45.50	6,292.8	1,275.9	859.0	943.5	1.11	-0.91	-2.95
6,488.0	11.70	44.50	6,335.8	1,285.0	865.4	950.0	1.44	-1.36	-2.27
6,531.0	10.90	46.45	6,378.0	1,293.4	871.3	956.0	2.06	-1.86	4.53
6,575.0	10.10	47.55	6,421.2	1,301.5	876.8	961.8	1.87	-1.82	2.50
6,619.0	9.70	47.10	6,464.6	1,309.0	881.9	967.4	0.93	-0.91	-1.02
6,663.0	8.96	47.70	6,508.0	1,316.2	886.8	972.6	1.70	-1.68	1.36
6,706.0	8.48	48.07	6,550.5	1,322.7	891.1	977.5	1.12	-1.12	0.86
6,757.0	7.50	49.80	6,601.0	1,329.8	895.8	982.8	1.98	-1.92	3.39
6,809.0	6.50	51.60	6,652.6	1,336.1	899.8	987.7	1.97	-1.92	3.46

Checked By: _____ Approved By: _____ Date: _____

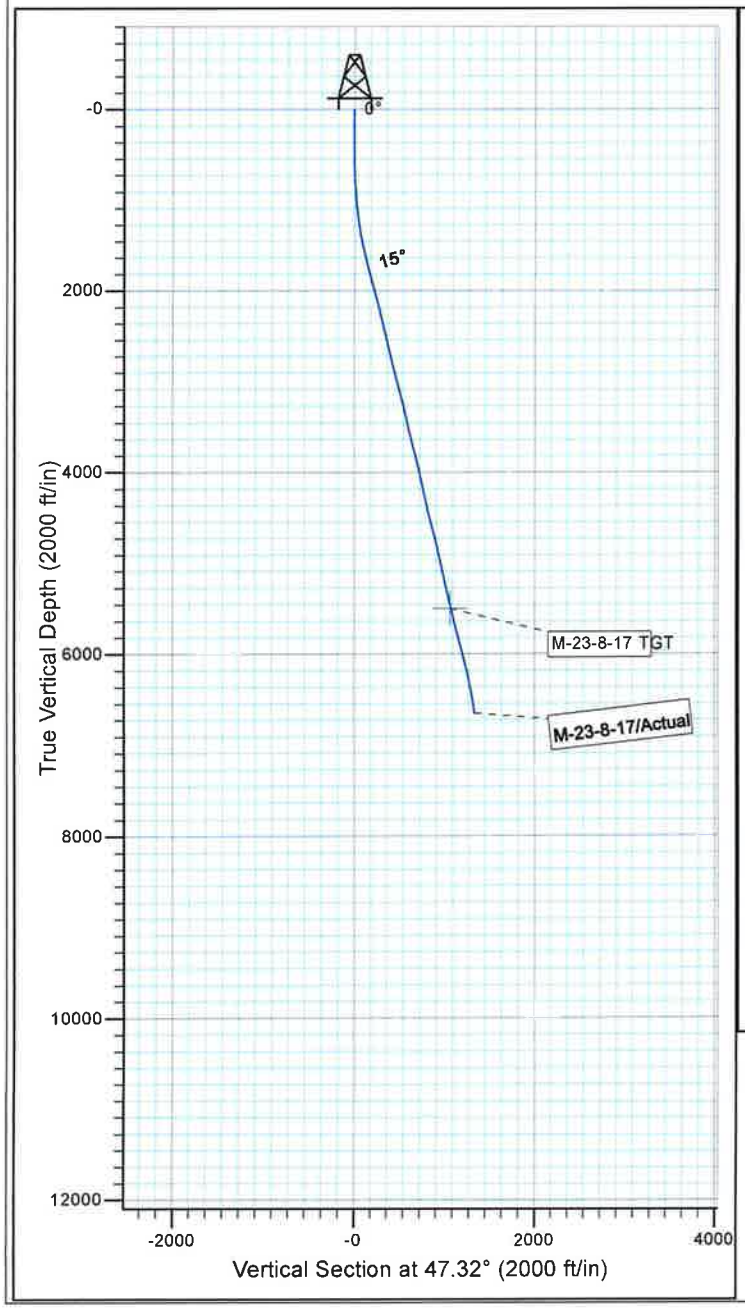
NEWFIELD

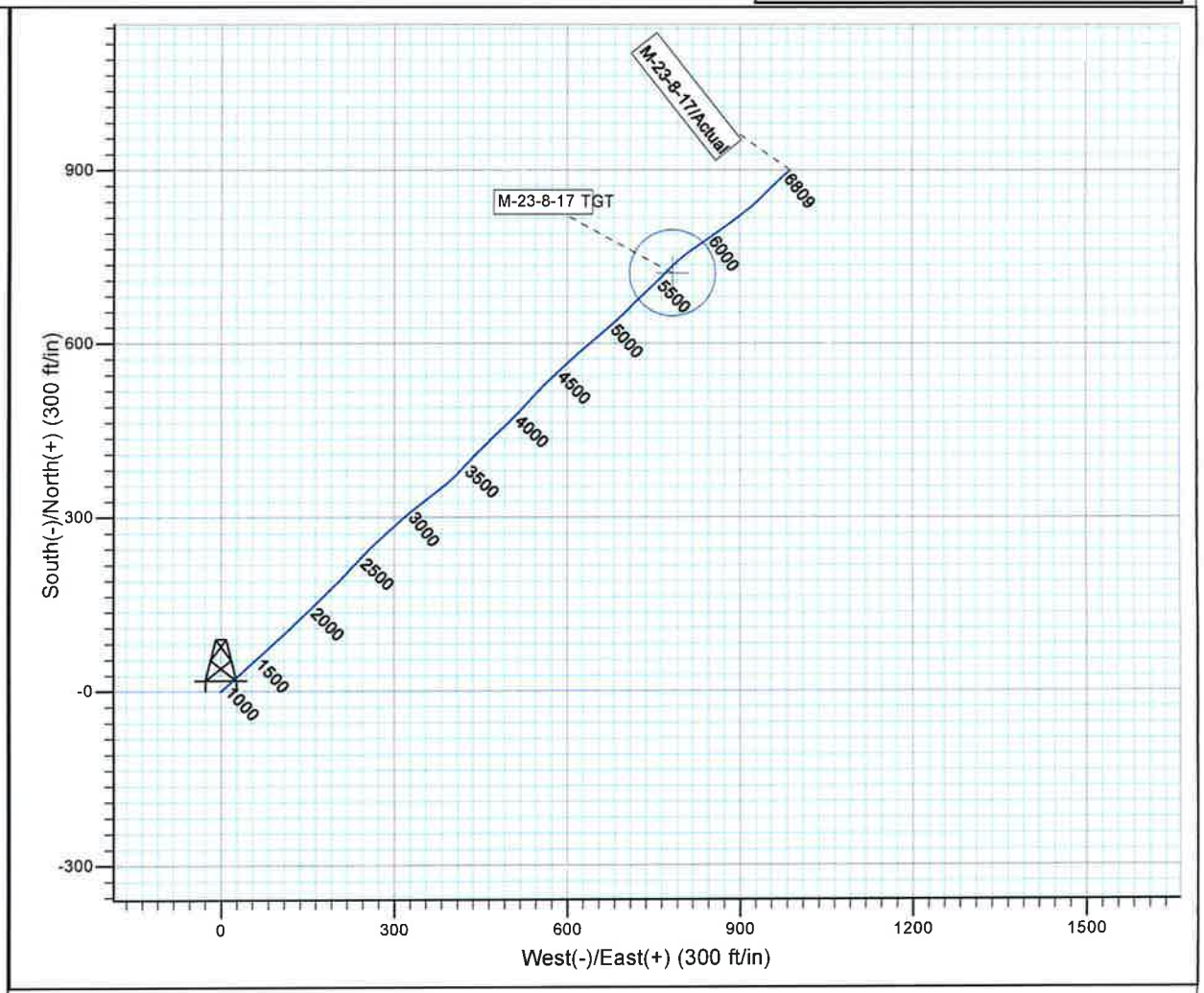
Project: USGS Myton SW (UT)
Site: SECTION 23 T8S, R17E
Well: M-23-8-17
Wellbore: Wellbore #1
Design: Actual

T M

Azimuths to True North
Magnetic North: 11.38°

Magnetic Field
Strength: 52385.4snT
Dip Angle: 65.88°
Date: 10/4/2010
Model: IGRF2010





PAYZONE DIRECTIONAL

Design: Actual (M-23-8-17/Wellbore #1)

Created By: Sarah Webb Date: 12:09, August 08 2013

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

API Well Number: 43047515380000

RECEIVED: Oct. 03, 2013

Daily Activity Report

Format For Sundry

GMBU M-23-8-17

7/1/2013 To 11/30/2013

8/21/2013 Day: 1 **Completion**

Rigless on 8/21/2013 - Run CBL PBTD @ 6757, CT @ 966' N/U and pres. Test frac stack and flowback equip. RIH perf stg. 1 - RU Perforators wireline, Hold pre-job safety meeting & JSA, MU & RIH w/ bond log tools, Tag @ 6753', Log w/ 0 psi on well, Log short joint @ 4410-20', Cement top @ 966', LD logging tools - RU 4G test unit, Test hyd chambers on single blinds, Test frac valve, csg & outer flow back valves to 250 psi 5-min low & 4300 psi 30-min high, Test single blind & remaining flow back valves to 250 psi 5-min low & 4300 psi 10-min high, All tests good, RD 4G test unit. - RIH w/ wireline. Perforate stg #1, CP-5 snds f/ (6597-6600')(6592-93') w/ 120? w/ 3 spf SWIFN
Daily Cost: $0
Cumulative Cost: $23,043

8/22/2013 Day: 2 **Completion**

Rigless on 8/22/2013 - Perf & frac stgs. 1 & 2 RIH w/ plug and guns for stg. 3, got stuck @ 5030' unable to free up guns and setting tool set plug @ 5030' surge tools free POOH, flow well back recover 420 bbls (well died) SWIFN - R/U Perforators W/L test lub to 5000#: RIH w/ wireline. Set CBP @ 6490' Perforate stg #2,CP-1,2 & 3 snds f/ (6419-20')(6415-16')(6409-11')(6368-70') switch failed POOH replace switch - Open well to flow back @ 3 bpm recovered 420 bbls and well died SWIFN - RIH finish perfs for stg. 2 f/ (6332-33')(6237-28')(6302-04')(6293-94') w/ 120? w/ 2 spf. POOH w/ wireline. SWI and prep to frac stg#2. - Pressure test frac equipment Stg.2 Open well 1035 Psi. Break down stg #2 @ 1987 psi w/ 2.6 bw @ 3.9 Frac stg #2 w/ 100,300# 20/40 sand w/ 17# gelled fluid. ISDP 2174 psi. FG .79. 5 min 1853 psi. 10 min 1097 psi. 15 min 1060 psi. Max treating pressure 2827 psi. Avg treating pressure 2436 psi. Max treating rate 47.1 bpm. Avg treating rate 46.1 bpm. BASE FLUID 7% KCL - RIH w/ W/L 300'~ pm tools took weight @ 5030' Picked up and tools where stuck, surged well f/ below 5 sep. times unable to to free up tools. R/U HES pump past tools @ 3 bpm ttls of 12 bbls (no movement) set flow through plug @ 5030' surged well from below again and perf guns and setting tools came free POOH w/ L/D guns and setting tool (all guns still loaded) - Move over f/ R-23-8-17, Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point Pressure test frac equipment Stg.1 Open well 17 Psi. Break down stg #1 @ 3607 psi w/ 2.6 bw @ 3.9 bpm.f/ inj # 2219 @ 7.7 bpm ISIP of 1741 & FG.72 1-min.1509 4-min.1372 Frac stg #1 w/ 30,010# 20/40 sand w/ 17# gelled fluid. ISDP 2494 psi. FG .82. 5 min 1853 psi. 10 min 1820 psi. 15 min 1797 psi. Max treating pressure 3317 psi. Avg treating pressure 2940 psi. Max treating rate 24.7 bpm. Avg treating rate 23.5 bpm. BASE FLUID 7% KCL
Daily Cost: $0
Cumulative Cost: $68,594

8/24/2013 Day: 4 **Completion**

Monument #707 on 8/24/2013 - Report on Previous day - RU POWER SWIVEL & PUMP, PREP TO DRILL OUT PLUG ON MONDAY - RU POWER SWIVEL & PUMP, PREP TO DRILL OUT PLUG ON MONDAY - PU 4 ?? CHOMP BIT, BIT SUB, 2 JNTS 2 7/8? TBG, X NIPPLE, RIH PU 158 JNTS DRIFTING TBG TAG K.P.@ 5048`. - PU 4 ?? CHOMP BIT, BIT SUB, 2 JNTS 2 7/8? TBG, X NIPPLE, RIH PU 158 JNTS DRIFTING TBG TAG K.P.@ 5048`. - ND 5K FMS FRAC VALVE N/U DOUBLE 5K 2-7/8 RAMS D/O STACK , MIRU 4G TORQUE & TEST TO TEST HYDROLIC CAVITIES (3000PSI), RAMS, FLANGES & VALVES (LOW 300 PSI,HIGH 5000 PSI). LOAD PIPE RACKS W/ 219 JTS 2-7/8 J-55 & PREP TBG (THREAD PROTECTORS, TALLY). RU FLOOR & TBG EQUIPMENT, RIG DOWN 4 G. - ND 5K FMS FRAC VALVE N/U DOUBLE 5K 2-7/8 RAMS D/O STACK , MIRU 4G TORQUE & TEST TO TEST HYDROLIC CAVITIES (3000PSI), RAMS, FLANGES & VALVES (LOW 300 PSI,HIGH 5000 PSI). LOAD PIPE RACKS W/ 219 JTS 2-7/8 J-55 & PREP TBG (THREAD PROTECTORS, TALLY). RU FLOOR & TBG EQUIPMENT, RIG DOWN 4 G. - ROAD EQUIPMENT TO LOCATION, MIRUSU - ROAD EQUIPMENT TO LOCATION,

RECEIVED: Oct. 03, 2013

MIRUSU
Daily Cost: $0
Cumulative Cost: $78,294

8/27/2013 Day: 6 **Completion**

Monument #707 on 8/27/2013 - MIRU frac crew. Frac stg3, screenout. Flowback - RU perforators wireline. RIH w/ Halliburton CBP & 3 1/8" slick guns (16g, 0.34 EH, 21.00 pen). Set plug @ 6080', perforate stg 3 @ 6006-10'. POOH & RD wireline - RU perforators wireline. RIH w/ Halliburton CBP & 3 1/8" slick guns (16g, 0.34 EH, 21.00 pen). Set plug @ 6080', perforate stg 3 @ 6006-10'. POOH & RD wireline - RD tbg equip & floor, ND BOP, NU frac valve - RD tbg equip & floor, ND BOP, NU frac valve - continue to drift & PU 2 7/8" tbg, RIH tag @ 6368' w/201 jts, LD 3 jts, POOH w/tbg to derrick, 198 jts, LD bit & bit sub, x nipple - continue to drift & PU 2 7/8" tbg, RIH tag @ 6368' w/201 jts, LD 3 jts, POOH w/tbg to derrick, 198 jts, LD bit & bit sub, x nipple - SIWP 40 psi, bleed off well, establich circulation, drill CFP @ 5048' (36min), RD pwr swvl - SIWP 40 psi, bleed off well, establich circulation, drill CFP @ 5048' (36min), RD pwr swvl - crew travel, JSA/safety mtg - crew travel, JSA/safety mtg - RU 4G Torque & Test. Psi test frac valve to 5000# high, 300# low. RD test truck - RU 4G Torque & Test. Psi test frac valve to 5000# high, 300# low. RD test truck - SWIFN, well ready to frac. Crew travel home - SWIFN, well ready to frac. Crew travel home - travel to location - travel to location - JSA/safety mtg. - JSA/safety mtg. - RU perforators wireline. Wait for Halliburton frac crew - RU perforators wireline. Wait for Halliburton frac crew - MIRU Halliburton. Hold location safety mtg. - MIRU Halliburton. Hold location safety mtg. - Stage #3, LODC sands. 6 psi on well. Frac LODC sds w/20,040#s of 20/40 White sand in 122 bbls 17# Delta 140 fluid. Broke @ 4333 psi @ 6.7 BPM. Treated w/ ave pressure of 3424 psi @ ave rate of 21.1 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. Screened out 63 bbls into flush. Left approx.. 13,000# in pipe. 317 total BWTR - Stage #3, LODC sands. 6 psi on well. Frac LODC sds w/20,040#s of 20/40 White sand in 122 bbls 17# Delta 140 fluid. Broke @ 4333 psi @ 6.7 BPM. Treated w/ ave pressure of 3424 psi @ ave rate of 21.1 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. Screened out 63 bbls into flush. Left approx.. 13,000# in pipe. 317 total BWTR - Flowback well until dead. Close in and allow sand to settle overnight. - Flowback well until dead. Close in and allow sand to settle overnight. - SWIFN, crew travel - SWIFN, crew travel
Daily Cost: $0
Cumulative Cost: $96,361

8/29/2013 Day: 7 **Completion**

Monument #707 on 8/29/2013 - Tag sand w/wireline. RD wireline & frac crew. C/O sand to 6080' - Crew travel - POOH 14 jts, EOT @ 5648.77', prep to POOH in am. SWIFN - Establish circulation, clean out 940' of sand to plug @ 6080', circ well clean for 45 min - PU 4 3/4" bit & bit sub, RIH on 2 jts tbg, PU x-nipple, continue RIH w/2 7/8" tbg, tag @ 5140' w/162 jts. RU pump & equipment to wash sand out of well. - NU BOP pipe rams, Test rams w/4G Torque & Test, 5000# high, 300# low-good tests - RD wireline & Halliburton frac crew. - RIH & tag sand @ 5060', approx. 400' over stg 4. - RU Perforators wireline. JSA mtg
Daily Cost: $0
Cumulative Cost: $105,186

8/30/2013 Day: 9 **Completion**

Monument #707 on 8/30/2013 - Perforate & frac stg 4-5. Flowback well. - Stage #4, D1 sands. 0 psi on well. Frac D1 sds w/25,138#s of 20/40 White sand in 170 bbls 17# Delta 140 fluid. Broke @ 1707 psi @ 5.2 BPM. Treated w/ ave pressure of 22352 psi @ ave rate of 25.5 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. Screened out 79 bbls into flush. 51 bbls short. Left approx.. 10,800# sand in pipe. Approx. 800? of fill. 351 total BWTR - Flowback well. Returned approx. bbls. - RIH w// 3 1/8" slick guns (16g, 0.34 EH, 21.00 pen). Set plug @ 5520'. Perforate stg 4 @ D1 3446-50' w/3 spf for total of 12 shots. - RIH w// 3 1/8" slick guns (16g, 0.34 EH, 21.00 pen). Set plug @ 5520'. Perforate stg 4 @ D1 3446-50' w/3 spf for total of 12 shots. - Safety mtg. RU frac iron & Perforators wireline. - Safety mtg. RU frac iron & Perforators wireline. - crew travel - crew travel - Wait for

wireline & frac crew. Halliburton & Perforators still on different well. - Wait for wireline & frac crew. Halliburton & Perforators still on different well. - hold safety mtg, RIH w/tbg, 14 jts, tag @ 6080'. POOH w/tbg to derrick, 192 jts, LD bit & bit sub - hold safety mtg, RIH w/tbg, 14 jts, tag @ 6080'. POOH w/tbg to derrick, 192 jts, LD bit & bit sub - Travel to location, SIWP 0 psi - Travel to location, SIWP 0 psi - Stage #4, D1 sands. 0 psi on well. Frac D1 sds w/25,138#s of 20/40 White sand in 170 bbls 17# Delta 140 fluid. Broke @ 1707 psi @ 5.2 BPM. Treated w/ ave pressure of 22352 psi @ ave rate of 25.5 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. Screened out 79 bbls into flush. 51 bbls short. Left approx.. 10,800# sand in pipe. Approx. 800? of fill. 351 total BWTR - Flowback well. Returned approx. bbls. - Attempt to flush well. Flushed 2.6 bbls @ 4.1bpm before pressuring out - Attempt to flush well. Flushed 2.6 bbls @ 4.1bpm before pressuring out - RIH w// 3 1/8" slick guns (16g, 0.34 EH, 21.00 pen), did not set plug. Perforate stg 5 @ GB4 4849-51', GB6 4920-24'. - RIH w// 3 1/8" slick guns (16g, 0.34 EH, 21.00 pen), did not set plug. Perforate stg 5 @ GB4 4849-51', GB6 4920-24'. - Stage #5, GB4 & GB6 sands. 135 psi on well. Frac GB4 & GB6 sds w/ 52181#s of 20/40 White sand in bbls Lightning 17 fluid. Well would not break. Attempt to pump acid to perfs. After pumping w/max rate of 2bpm for 1 hr, well pressured out and would not allow any rate. RIH w/acid bailer. Drop acid on top of bottom perfs (4920-24?). Re-attempt stg#5. Broke @ 2949 psi @ 4.8 BPM. Treated w/ ave pressure of 2642 psi @ ave rate of 26.5 BPM. 437 total BWTR - Stage #5, GB4 & GB6 sands. 135 psi on well. Frac GB4 & GB6 sds w/ 52181#s of 20/40 White sand in bbls Lightning 17 fluid. Well would not break. Attempt to pump acid to perfs. After pumping w/max rate of 2bpm for 1 hr, well pressured out and would not allow any rate. RIH w/acid bailer. Drop acid on top of bottom perfs (4920-24?). Re-attempt stg#5. Broke @ 2949 psi @ 4.8 BPM. Treated w/ ave pressure of 2642 psi @ ave rate of 26.5 BPM. 437 total BWTR - Flowback well - Flowback well
Daily Cost: $0
Cumulative Cost: $188,663

9/4/2013 Day: 10 **Completion**

Monument #707 on 9/4/2013 - Set KP @ 4786' N/D frac valve N/U & PT D/O stack, RIH w/ tbg. D/O KP C/O 500' of sand & 1 CFP - DRILL PLUG IN 40 MIN 0 PSI INCREASE. CIRCULATE WELL CLEAN PREP TO RIH DRILL IN AM. SWIFN - ESTABLISH CIRCULATION CLEAN OUT 504` SAND TO CFP @ 5520¿. - ESTABLISH CIRCULATION, DRILL OUT CBP @ 4786¿ IN 23 MIN, 30 PSI INCREASE FLOW, RD SWIVEL RIH FROM DERRICK TAG FILL @ 5016¿, RU POWER SWIVEL. - PU 4 ¾¿ CHOMP MILL RIH WITH 2 JNTS, PU X NIPPLE RIH ON 149 JNTS FROM DERRICK TAG CBP @ 4786¿. RU POWER SWIVEL TO DRILL PLUGS - TEST BOP HYDROLICS, FLANGES & PIPE RAMS 5000 PSI HIGH, 300 PSI LOW, RIG DOWN 4 G. RIG UP FLOOR & TBG EQUIPMENT - NIPPLE DOWN 5K FMC FRAC VALVE, NU BOP (DOUBLE PIPE RAMS), MIRU 4 G TORQUE & TEST - MIRU PERFORATORS WIRELINE, RIH WITH KILL PLUG (TAGGING UP ON FRAC VALVE WORK VALVE OPEN & CLOSE TO GET THROUGH VALVE) SET PLUG @ 4786¿, POOH L/D SETTING TOOL BLEED DWON WELL PREFORM 30 MIN. NEG. TEST (GOOD) RIG DOWN WIRE LINE
Daily Cost: $0
Cumulative Cost: $200,713

9/5/2013 Day: 11 **Completion**

Monument #707 on 9/5/2013 - Cont. to D/O CBP's (had to swap out rig pumps MWS#707 no actual prod. Time lost) C/O to PBTD @ 6771' POOH w/ tbg. To 1910' leave kill srting in hole SWIFN - SICP 125 PSI, SITP 25 PSI, BLEED OFF WELL PUMP 15 BBLS DOWN TBG TO CONTROL. LD 10 JNTS 2 7/8¿ TBG, RIH FROM DERRICK 27 JNTS TAG @ 6080¿. - RU POWER SWIVEL ESTABLISH CIRCULATION, DRILL OUT CBP @ 6080¿ IN 48 MIN. RD POWER SWIVEL RIH FROM DERRICK 6 JNTS TAG @ 6260¿. - RIG DOWN POWER SWIVEL, POOH WITH 2 7/8¿ TBG LD 4 JNTS ON RACKS & PULL TO DERRICK WITH 150 JNTS EOT @ 1910¿. PREP TO POOH IN AM. SWIFN - ESTABLISH CIRCULATION DRILL CFP IN 50 MIN. RIH WITH 2 7/8¿ TBG TAG @ 6610`, LD 7 JNTS TO DRILL WITH RIH FROM DERRICK RU POWER SWIVEL, ESTABLISH CIRCULATION CLEAN OUT 161` SAND TO PBTD @ 6771¿ CIRCULATE WELL CLEAN 1 HR 10 MIN - RU POWER SWIVEL ESTABLISH CIRCULATION, CLEAN OUT 230` SAND TO PLUG @ 6490¿ (SWABS ON MUD PUMP STARTED LEAKING BAD GET NEW PUMP OUT TO LOCATION, PREP RODS TO PICK UP WHILE WAITING).
Daily Cost: $0

Cumulative Cost: $210,213

9/6/2013 Day: 12 **Completion**

Monument #707 on 9/6/2013 - Cont. OOH w/ D/O BHA & L/D P/U RIH w/ Prod tbg set TAC w/ 18k tension, N/D BOP N/U wellhead, change over to rod equip RIH w/ rods & PWOP RDSUMOL - HOLD SAFETY MEETING, BLEED OFF WELL, CIRCULATE OUT OIL & GAS TO CONTROL WELL WITH 40 BBLS, CONTINUE TO POOH WITH 2 7/8¿ TBG TO DERRICK 60 JNTS, LD X NIPPLE, BIT & BIT SUB. - PU 2.5-1.75-RHAC-20-4-21-24¿ PUMP (# 2533, 175¿ MSL) PRIME PUMP WITH DIESEL, RIH PU 32 ¿ 7/8¿ 8 PER RODS, 146 ¿ ¾¿ 4 PER RODS, 85 ¿ 7/8¿ 4 PER RODS, PU 1 ½¿X 30¿ POLISH ROD SEAT PUMP IN WELL FILL TBG WITH .5 BBLS STROKE TEST PUMP UP TO 800 PSI. - RIG DOWN FLOOR & TBG EQUIPMENT, ND BOP & BLIND RAM, UNLAND TBG LAY DOWN 4¿ PUP JNT & RELAND TBG IN WELL WITH 20K TENSION. NU WELL HEAD INSTALL 2 WAY CHECK, PRESSURE TEST FLANGE TO 1500 PSI. REMOVE CHECK VALVE, CHANGE OVER EQUIPMENT TO PU & RUN RODS. - PU NOTCH COLLAR RIH ON 2 JNTS 2 7/8¿ TBG, PU SEAT NIPPLE RIH 1 JNT PU TBG 5.5¿ 45K ANCHOR RIH ON TBG FROM DERRICK 207 JNTS. PU 4¿ ¿ 2 7/8¿ PUP JNT & TBG HANGER RIH SET TBG ANCHOR @ 6572.51¿ LAND TBG IN WELL. - RU PUMP UNIT & HANG RODS, RACK OUT EQUIPMENT & RIG DOWN. 144¿ SL MOVE OVER TO R-23-8-17.
Daily Cost: $0
Cumulative Cost: $284,713
