


STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT <input type="checkbox"/>				
APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER GMBU 104-1-9-16				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						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-72103			11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>				
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 <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL	FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN			
LOCATION AT SURFACE	724 FSL 856 FWL		SWSW	36	8.0 S	16.0 E	S			
Top of Uppermost Producing Zone	153 FSL 724 FWL		SWSW	36	8.0 S	16.0 E	S			
At Total Depth	376 FNL 575 FWL		NWNW	1	9.0 S	16.0 E	S			
21. COUNTY DUCESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 376		23. NUMBER OF ACRES IN DRILLING UNIT 10					
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 456		26. PROPOSED DEPTH MD: 6413 TVD: 6296					
27. ELEVATION - GROUND LEVEL 5400			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 - 6413	15.5	J-55 LT&C	8.3	Premium Lite High Strength	305	3.43	11.0
							50/50 Poz	363	1.24	14.4
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Mandie Crozier				TITLE Regulatory Tech			PHONE 435 646-4825			
SIGNATURE				DATE 01/21/2013			EMAIL mcrozier@newfield.com			
API NUMBER ASSIGNED 43013519790000				APPROVAL  Permit Manager						

NEWFIELD PRODUCTION COMPANY
GMBU 104-1-9-16
AT SURFACE: SW/SW SECTION 36, T8S R16E
DUCHESNE 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' – 1560'
Green River	1560'
Wasatch	6260'
Proposed TD	6413'

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

Green River Formation (Oil) 1560' – 6260'

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)

4. **PROPOSED CASING PROGRAM**

a. Casing Design: GMBU 104-1-9-16

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'	6,413'	15.5	J-55	LTC	4,810 2.36	4,040 1.98	217,000 2.18

Assumptions:

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

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

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

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

b. Cementing Design: GMBU 104-1-9-16

Job	Fill	Description	Sacks	OH Excess*	Weight (ppg)	Yield (ft ³ /sk)
			ft ³			
Surface casing	300'	Class G w/ 2% CaCl	138 161	30%	15.8	1.17
Prod casing Lead	4,413'	Prem Lite II w/ 10% gel + 3% KCl	305 994	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:

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

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

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

From surface to ± 300 feet will be drilled with an air/mist system. The air rig is equipped with a 6 1/2" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ± 300 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

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

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

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

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

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

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

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

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

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

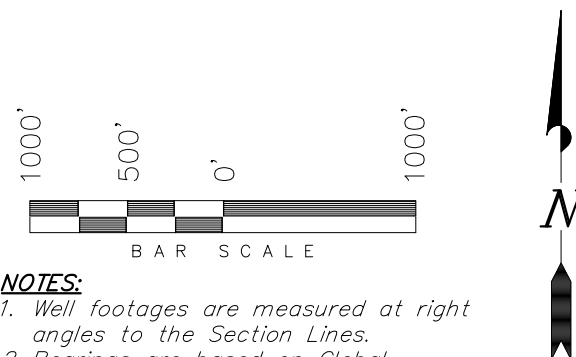
No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated

bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

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

It is anticipated that the drilling operations will commence the second quarter of 2013, and take approximately seven (7) days from spud to rig release.

WELL LOCATION, 104-1-9-16,
LOCATED AS SHOWN IN THE SW 1/4
SW 1/4 OF SECTION 36, T8S, R16E,
S.L.B.&M. DUCHESNE 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 PLAN WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST
OF MY KNOWLEDGE AND BELIEF.

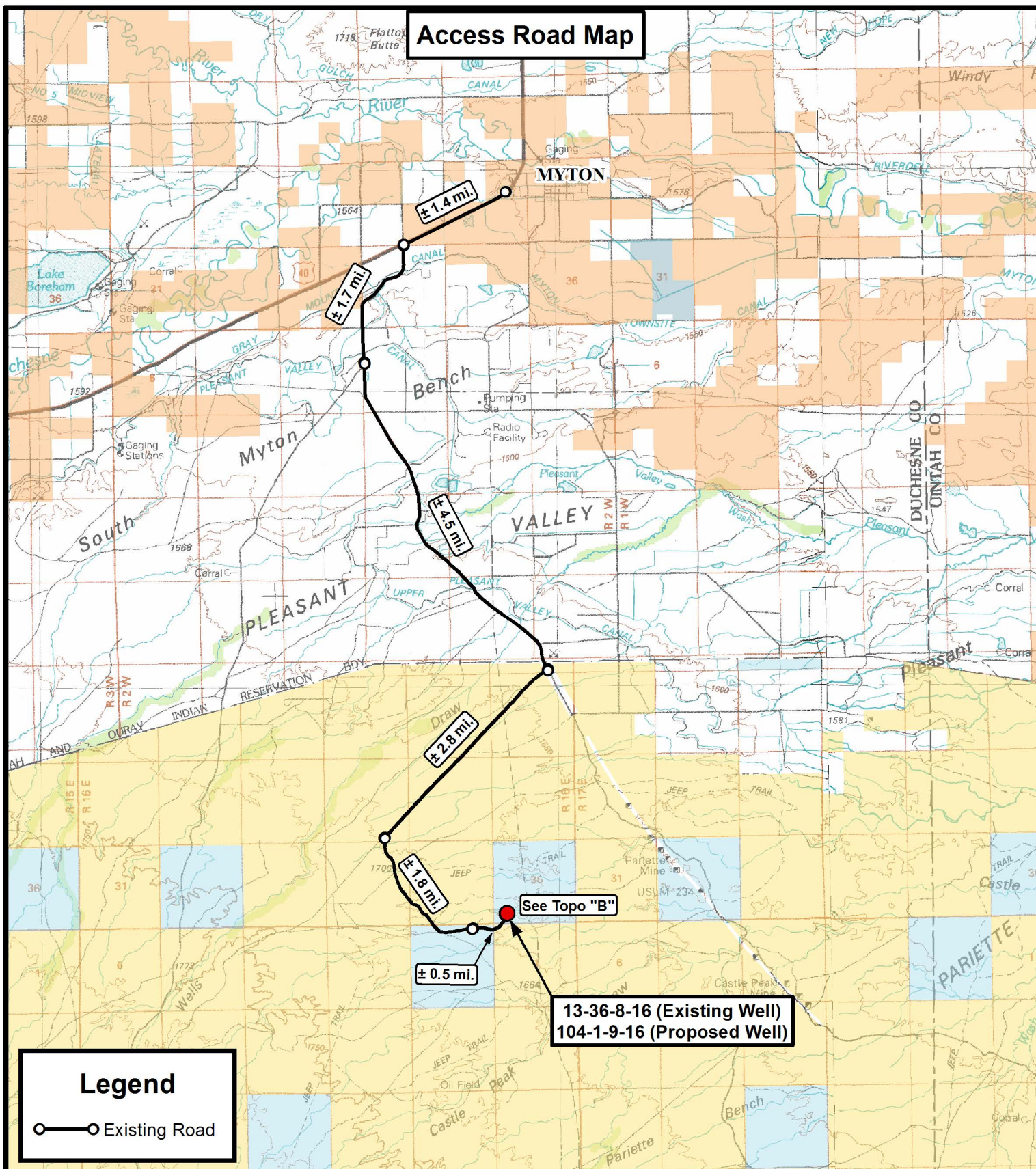
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STACY W. STEWART
STATE OF TEXAS

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 11-05-12	SURVEYED BY: S.H.	VERSION:
DATE DRAWN: 11-06-12	DRAWN BY: F.T.M.	V3
REVISED: 01-02-13 F.T.M.	SCALE: 1" = 1000'	

Access Road Map



Tri State
Land Surveying, Inc.

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
 F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

13-36-8-16 (Existing Well)
 104-1-9-16 (Proposed Well)
 SEC. 36, T8S, R16E, S.L.B.&M.
 Duchesne County, UT.

DRAWN BY: D.C.R. REVISED: 01-02-13 D.C.R. VERSION:

DATE: 11-14-2012

SCALE: 1:100,000

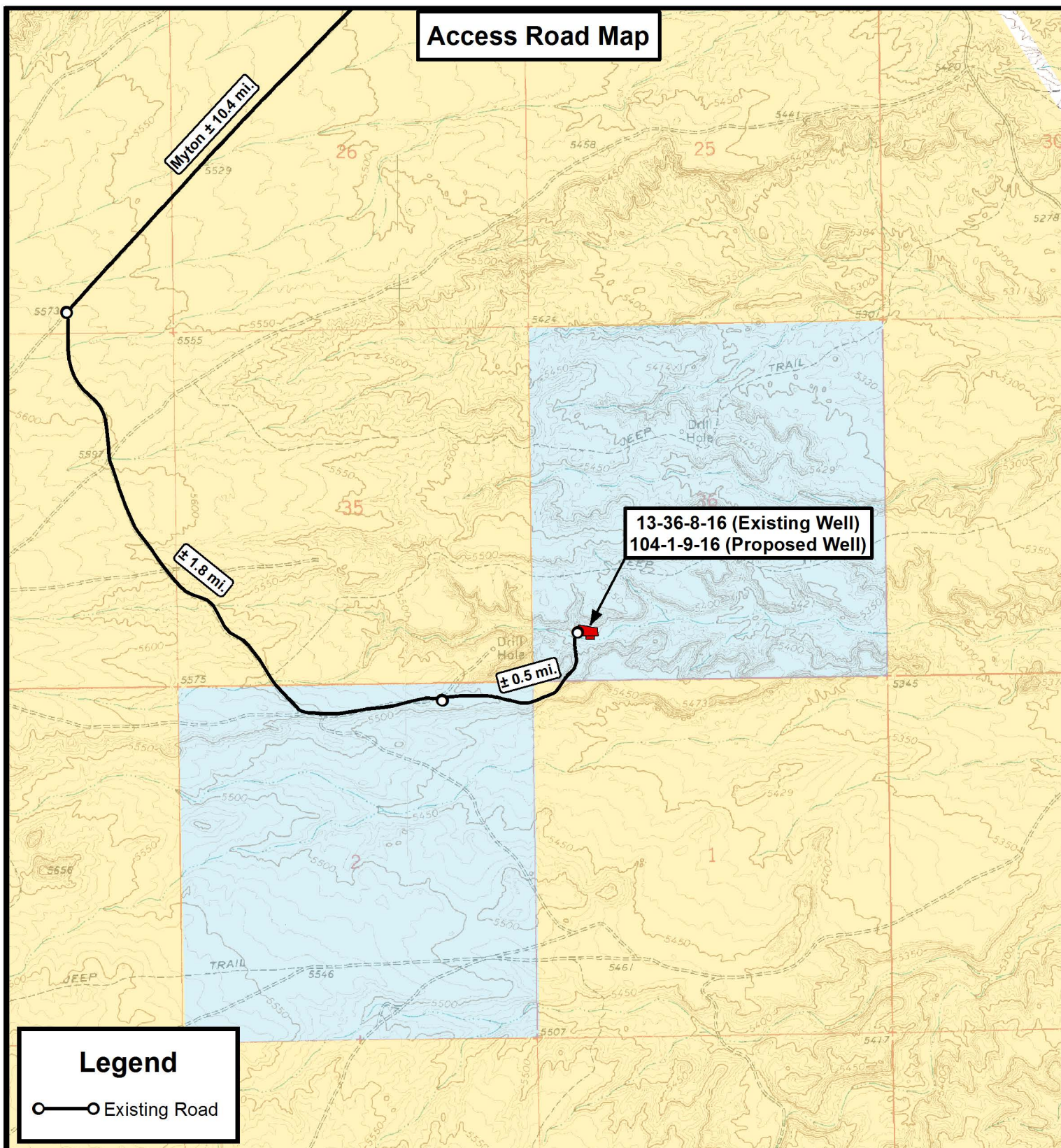
V3

TOPOGRAPHIC MAP

SHEET

A

Access Road Map



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

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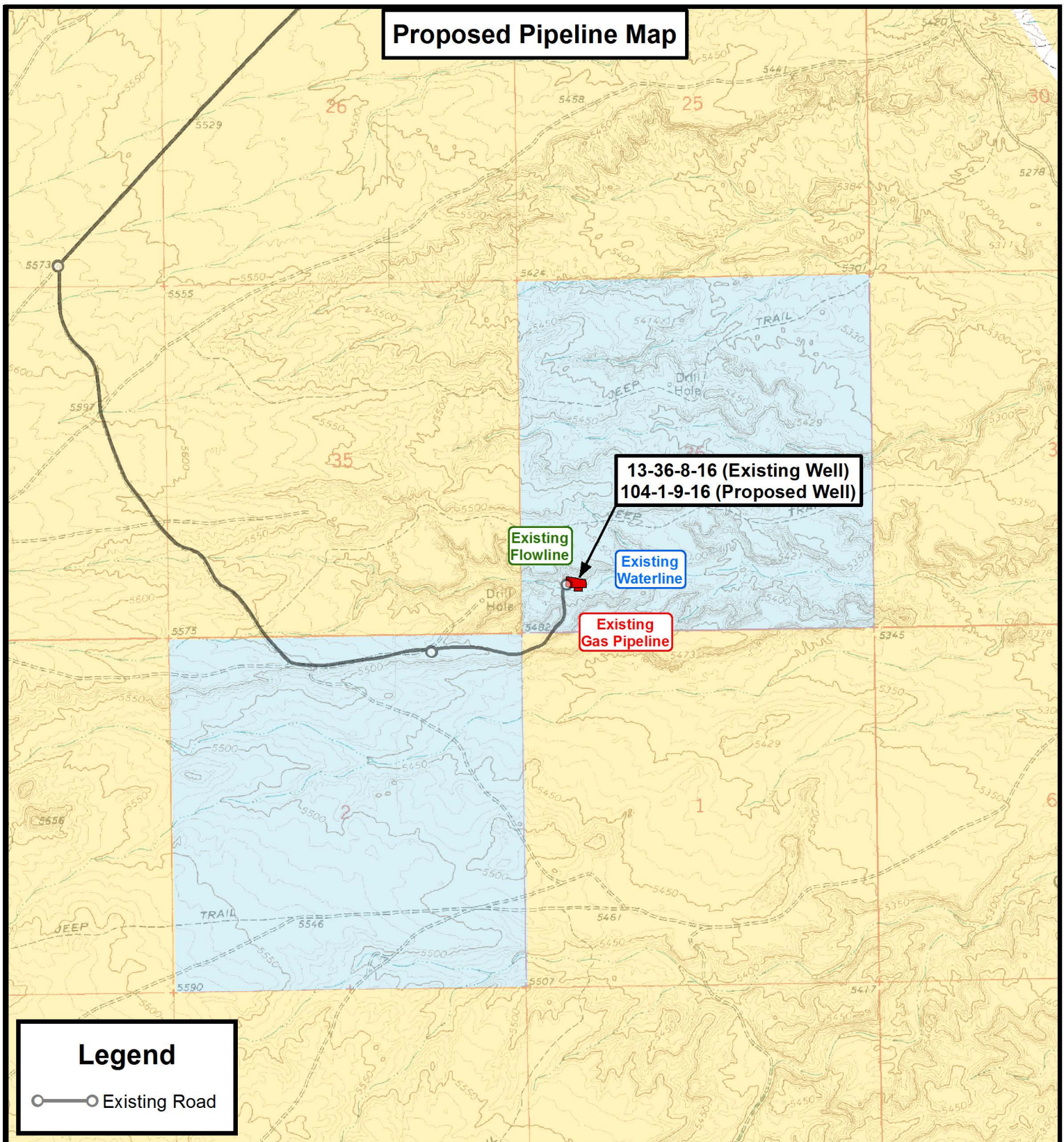
DRAWN BY:	D.C.R.	REVISED:	01-02-13 D.C.R.	VERSION:
DATE:	11-14-2012			V3
SCALE:	1" = 2,000'			

TOPOGRAPHIC MAP

SHEET

B

Proposed Pipeline Map



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13-36-8-16 (Existing Well)
104-1-9-16 (Proposed Well)
SEC. 36, T8S, R16E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	01-02-13 D.C.R.	VERSION:
DATE:	11-14-2012			V3
SCALE:	1" = 2,000'			

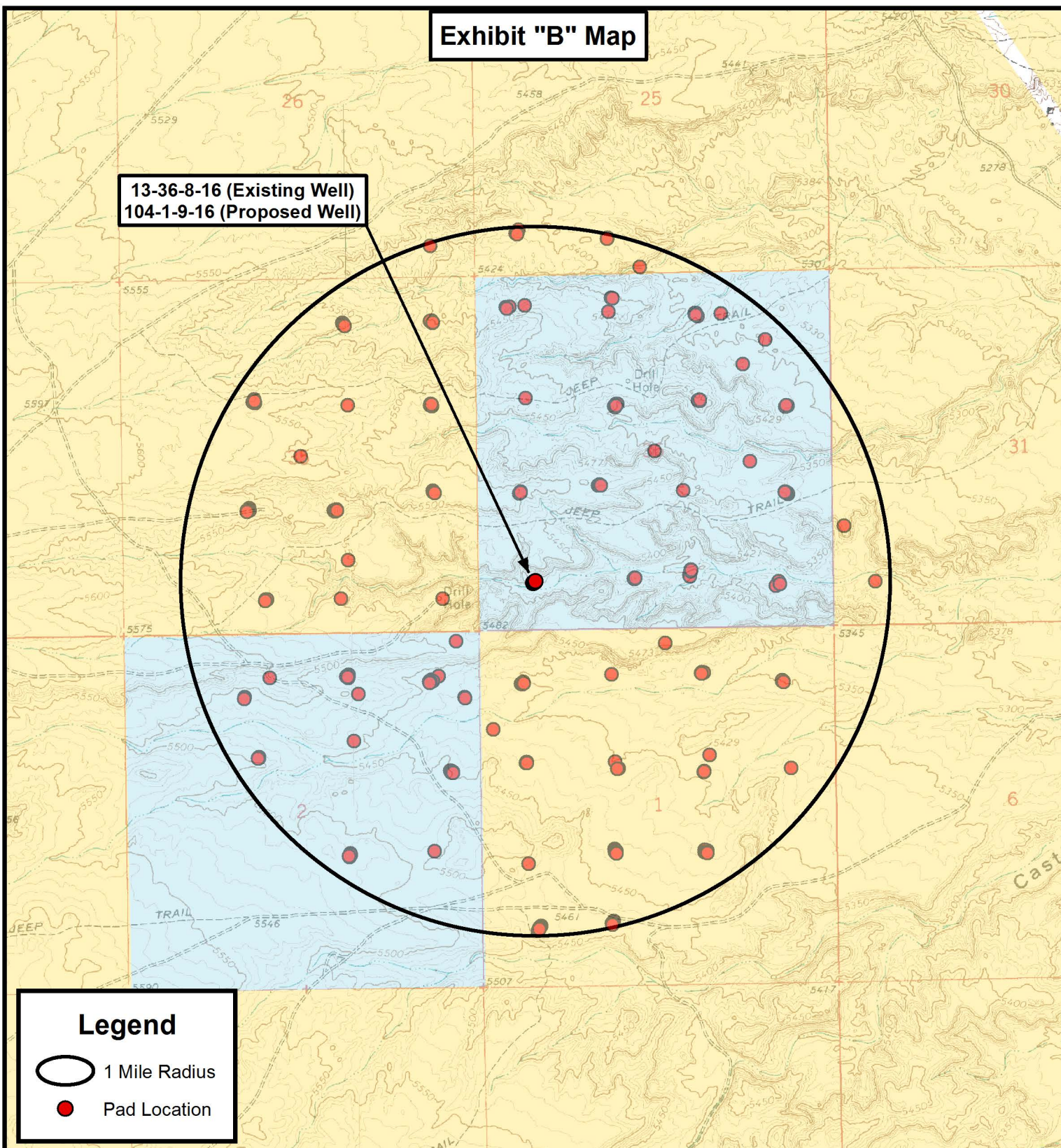
TOPOGRAPHIC MAP

SHEET

C

Exhibit "B" Map

13-36-8-16 (Existing Well)
104-1-9-16 (Proposed Well)

**Legend**

- 1 Mile Radius
● Pad Location

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104-1-9-16 (Proposed Well)
SEC. 36, T8S, R16E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	01-02-13 D.C.R.	VERSION:
DATE:	11-14-2012			V3
SCALE:	1" = 2,000'			

TOPOGRAPHIC MAP

SHEET

D



NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 36 T8S, R16E
104-1-9-16**

Wellbore #1

Plan: Design #1

Standard Planning Report

08 November, 2012





Payzone Directional Planning Report



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well 104-1-9-16
Company:	NEWFIELD EXPLORATION	TVD Reference:	104-1-9-16 @ 5412.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	MD Reference:	104-1-9-16 @ 5412.0ft (Original Well Elev)
Site:	SECTION 36 T8S, R16E	North Reference:	True
Well:	104-1-9-16	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 36 T8S, R16E, SEC 26 T8S, R16E			
Site Position:		Northing:	7,202,697.00 ft	Latitude: 40° 5' 3.401 N
From:	Lat/Long	Easting:	2,045,250.00 ft	Longitude: 110° 3' 10.915 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence: 0.93 °

Well	104-1-9-16, SHL LAT: 40 04 08.83 LONG: -110 04 27.10			
Well Position	+N/-S	-5,522.4 ft	Northing:	7,197,080.93 ft
	+E/-W	-5,921.2 ft	Easting:	2,039,417.64 ft
Position Uncertainty	0.0 ft	Wellhead Elevation:	5,412.0 ft	Ground Level: 5,400.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	11/8/2012	11.14	65.78	52,144

Design	Design #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	192.98

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	
1,405.3	12.08	192.98	1,399.3	-82.4	-19.0	1.50	1.50	0.00	192.98	
5,128.4	12.08	192.98	5,040.0	-841.6	-194.0	0.00	0.00	0.00	0.00	104-1-9-16 TGT
6,412.8	12.08	192.98	6,296.0	-1,103.5	-254.4	0.00	0.00	0.00	0.00	



Payzone Directional

Planning Report



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well 104-1-9-16
Company:	NEWFIELD EXPLORATION	TVD Reference:	104-1-9-16 @ 5412.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	MD Reference:	104-1-9-16 @ 5412.0ft (Original Well Elev)
Site:	SECTION 36 T8S, R16E	North Reference:	True
Well:	104-1-9-16	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	192.98	700.0	-1.3	-0.3	1.3	1.50	1.50	0.00
800.0	3.00	192.98	799.9	-5.1	-1.2	5.2	1.50	1.50	0.00
900.0	4.50	192.98	899.7	-11.5	-2.6	11.8	1.50	1.50	0.00
1,000.0	6.00	192.98	999.3	-20.4	-4.7	20.9	1.50	1.50	0.00
1,100.0	7.50	192.98	1,098.6	-31.8	-7.3	32.7	1.50	1.50	0.00
1,200.0	9.00	192.98	1,197.5	-45.8	-10.6	47.0	1.50	1.50	0.00
1,300.0	10.50	192.98	1,296.1	-62.3	-14.4	64.0	1.50	1.50	0.00
1,405.3	12.08	192.98	1,399.3	-82.4	-19.0	84.6	1.50	1.50	0.00
1,500.0	12.08	192.98	1,492.0	-101.7	-23.4	104.4	0.00	0.00	0.00
1,600.0	12.08	192.98	1,589.7	-122.1	-28.1	125.3	0.00	0.00	0.00
1,700.0	12.08	192.98	1,687.5	-142.5	-32.8	146.2	0.00	0.00	0.00
1,800.0	12.08	192.98	1,785.3	-162.9	-37.5	167.2	0.00	0.00	0.00
1,900.0	12.08	192.98	1,883.1	-183.3	-42.2	188.1	0.00	0.00	0.00
2,000.0	12.08	192.98	1,980.9	-203.7	-46.9	209.0	0.00	0.00	0.00
2,100.0	12.08	192.98	2,078.7	-224.1	-51.6	230.0	0.00	0.00	0.00
2,200.0	12.08	192.98	2,176.5	-244.5	-56.4	250.9	0.00	0.00	0.00
2,300.0	12.08	192.98	2,274.2	-264.9	-61.1	271.8	0.00	0.00	0.00
2,400.0	12.08	192.98	2,372.0	-285.3	-65.8	292.7	0.00	0.00	0.00
2,500.0	12.08	192.98	2,469.8	-305.6	-70.5	313.7	0.00	0.00	0.00
2,600.0	12.08	192.98	2,567.6	-326.0	-75.2	334.6	0.00	0.00	0.00
2,700.0	12.08	192.98	2,665.4	-346.4	-79.9	355.5	0.00	0.00	0.00
2,800.0	12.08	192.98	2,763.2	-366.8	-84.6	376.4	0.00	0.00	0.00
2,900.0	12.08	192.98	2,861.0	-387.2	-89.3	397.4	0.00	0.00	0.00
3,000.0	12.08	192.98	2,958.7	-407.6	-94.0	418.3	0.00	0.00	0.00
3,100.0	12.08	192.98	3,056.5	-428.0	-98.7	439.2	0.00	0.00	0.00
3,200.0	12.08	192.98	3,154.3	-448.4	-103.4	460.1	0.00	0.00	0.00
3,300.0	12.08	192.98	3,252.1	-468.8	-108.1	481.1	0.00	0.00	0.00
3,400.0	12.08	192.98	3,349.9	-489.2	-112.8	502.0	0.00	0.00	0.00
3,500.0	12.08	192.98	3,447.7	-509.6	-117.5	522.9	0.00	0.00	0.00
3,600.0	12.08	192.98	3,545.5	-530.0	-122.2	543.9	0.00	0.00	0.00
3,700.0	12.08	192.98	3,643.2	-550.3	-126.9	564.8	0.00	0.00	0.00
3,800.0	12.08	192.98	3,741.0	-570.7	-131.6	585.7	0.00	0.00	0.00
3,900.0	12.08	192.98	3,838.8	-591.1	-136.3	606.6	0.00	0.00	0.00
4,000.0	12.08	192.98	3,936.6	-611.5	-141.0	627.6	0.00	0.00	0.00
4,100.0	12.08	192.98	4,034.4	-631.9	-145.7	648.5	0.00	0.00	0.00
4,200.0	12.08	192.98	4,132.2	-652.3	-150.4	669.4	0.00	0.00	0.00
4,300.0	12.08	192.98	4,230.0	-672.7	-155.1	690.3	0.00	0.00	0.00
4,400.0	12.08	192.98	4,327.7	-693.1	-159.8	711.3	0.00	0.00	0.00
4,500.0	12.08	192.98	4,425.5	-713.5	-164.5	732.2	0.00	0.00	0.00
4,600.0	12.08	192.98	4,523.3	-733.9	-169.2	753.1	0.00	0.00	0.00
4,700.0	12.08	192.98	4,621.1	-754.3	-173.9	774.0	0.00	0.00	0.00
4,800.0	12.08	192.98	4,718.9	-774.7	-178.6	795.0	0.00	0.00	0.00
4,900.0	12.08	192.98	4,816.7	-795.0	-183.3	815.9	0.00	0.00	0.00
5,000.0	12.08	192.98	4,914.5	-815.4	-188.0	836.8	0.00	0.00	0.00
5,100.0	12.08	192.98	5,012.2	-835.8	-192.7	857.7	0.00	0.00	0.00
5,128.4	12.08	192.98	5,040.0	-841.6	-194.0	863.7	0.00	0.00	0.00
5,200.0	12.08	192.98	5,110.0	-856.2	-197.4	878.7	0.00	0.00	0.00



Payzone Directional

Planning Report



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well 104-1-9-16
Company:	NEWFIELD EXPLORATION	TVD Reference:	104-1-9-16 @ 5412.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	MD Reference:	104-1-9-16 @ 5412.0ft (Original Well Elev)
Site:	SECTION 36 T8S, R16E	North Reference:	True
Well:	104-1-9-16	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)
5,300.0	12.08	192.98	5,207.8	-876.6	-202.1	899.6	0.00	0.00	0.00
5,400.0	12.08	192.98	5,305.6	-897.0	-206.8	920.5	0.00	0.00	0.00
5,500.0	12.08	192.98	5,403.4	-917.4	-211.5	941.5	0.00	0.00	0.00
5,600.0	12.08	192.98	5,501.2	-937.8	-216.2	962.4	0.00	0.00	0.00
5,700.0	12.08	192.98	5,599.0	-958.2	-220.9	983.3	0.00	0.00	0.00
5,800.0	12.08	192.98	5,696.7	-978.6	-225.6	1,004.2	0.00	0.00	0.00
5,900.0	12.08	192.98	5,794.5	-999.0	-230.3	1,025.2	0.00	0.00	0.00
6,000.0	12.08	192.98	5,892.3	-1,019.4	-235.0	1,046.1	0.00	0.00	0.00
6,100.0	12.08	192.98	5,990.1	-1,039.8	-239.7	1,067.0	0.00	0.00	0.00
6,200.0	12.08	192.98	6,087.9	-1,060.1	-244.4	1,087.9	0.00	0.00	0.00
6,300.0	12.08	192.98	6,185.7	-1,080.5	-249.1	1,108.9	0.00	0.00	0.00
6,400.0	12.08	192.98	6,283.5	-1,100.9	-253.8	1,129.8	0.00	0.00	0.00
6,412.8	12.08	192.98	6,296.0	-1,103.5	-254.4	1,132.5	0.00	0.00	0.00

API Well Number: 43013519790000

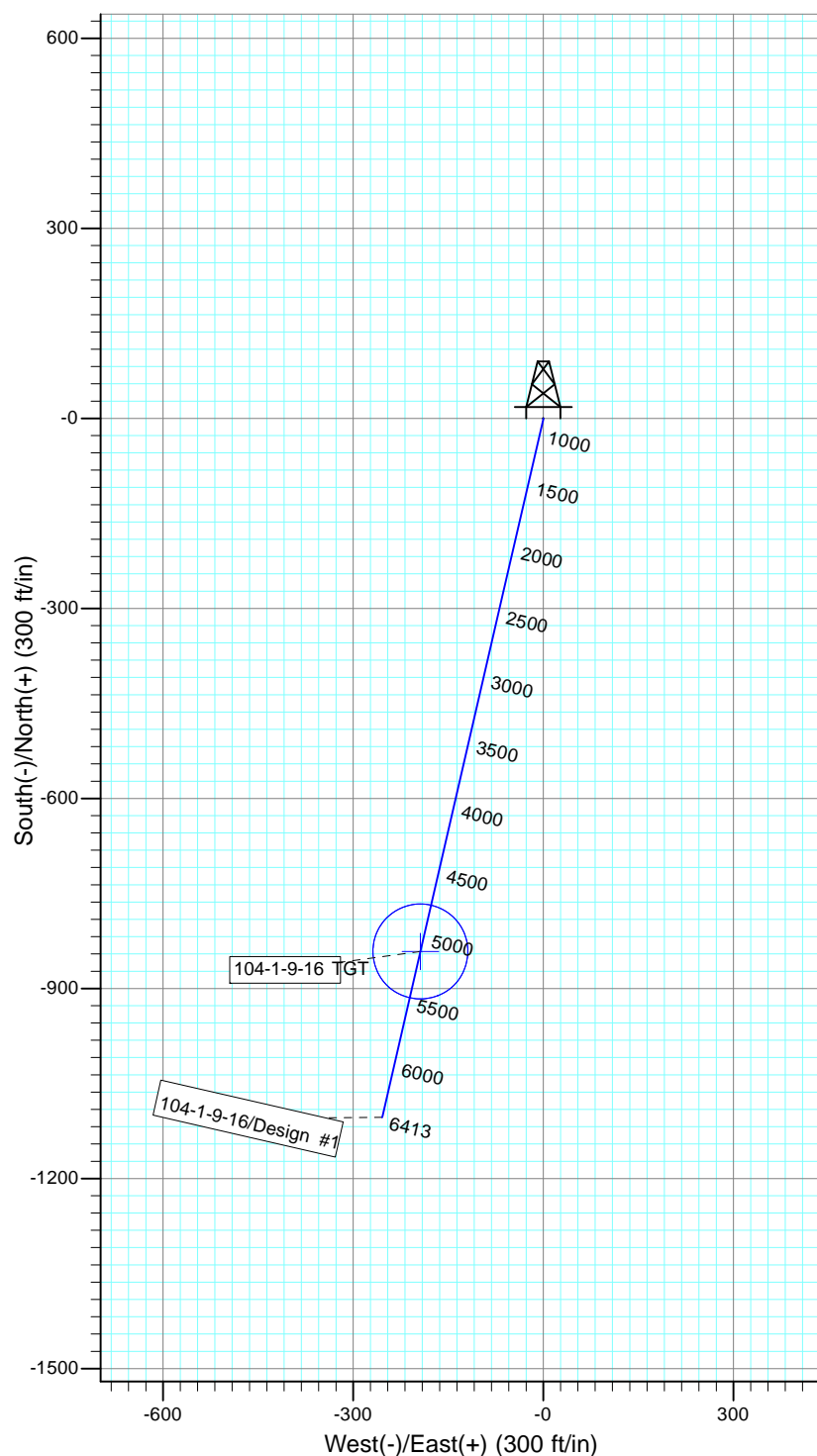
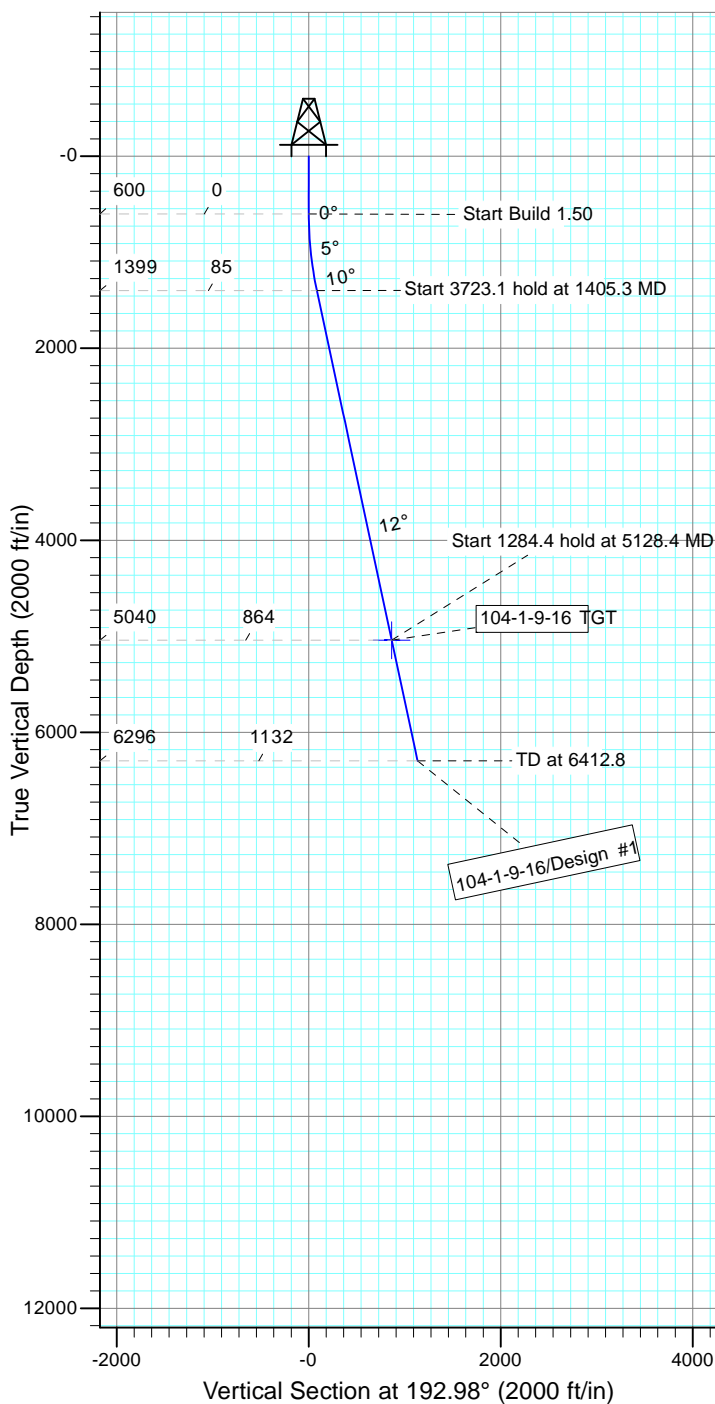


Project: USGS Myton SW (UT)
 Site: SECTION 36 T8S, R16E
 Well: 104-1-9-16
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.14°

Magnetic Field
 Strength: 52144.4snT
 Dip Angle: 65.78°
 Date: 11/8/2012
 Model: IGRF2010



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
104-1-9-16 TGT	5040.0	-841.6	-194.0	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1405.3	12.08	192.98	1399.3	-82.4	-19.0	1.50	192.98	84.6	
4	5128.4	12.08	192.98	5040.0	-841.6	-194.0	0.00	0.00	863.7	104-1-9-16 TGT
5	6412.8	12.08	192.98	6296.0	-1103.5	-254.4	0.00	0.00	1132.5	



**NEWFIELD PRODUCTION COMPANY
GMBU 104-1-9-16
AT SURFACE: SW/SW SECTION 36, T8S R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site GMBU 104-1-9-16 located in the SW 1/4 SW 1/4 Section 36, T8S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 – 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed in a southeasterly direction – 6.2 miles \pm to it's junction with an existing road to the southwest; proceed in a southwesterly direction – 2.8 miles \pm to it's junction with an existing road to the southeast; proceed in a southeasterly direction – 2.3 miles \pm to it's junction with the beginning of the access road to the existing 13-36-8-16 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 13-36-8-16 well pad. See attached **Topographic Map "B"**.

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

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

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

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

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 : 43-7478

Maurice Harvey Pond
Water Right: 47-1358

Neil Moon Pond
Water Right: 43-11787

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

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

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

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Closed Loop Drilling

As directed by the authorized BLM officer, Newfield Production will be required to drill the proposed well with a Closed Loop Drilling System.

A small cuttings pit will be constructed inboard of the pad area. The pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore using a conventional closed-loop system. 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.

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

A portable toilet will be provided for human waste.

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

8. **ANCILLARY FACILITIES**

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

- a) All pits will be fenced or have panels installed consistent with the following minimum standards:
 1. The wire shall be no more than two (2) inches above the ground. If barbed wire is utilized it will be installed three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
 2. Corner posts shall be centered and/or braced in such a manner to keep tight and upright at all times
 3. 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.

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

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

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

- a) Producing Location

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

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

- b) Dry Hole Abandoned Location

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

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

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. State of Utah Antiquities Project Permit # U-12-MQ-1092b,s 12/6/12, prepared by Montgomery Archaeological Consultants. . Paleontological Resource Survey prepared by, Wade Miller, 10/10/12. See attached report cover pages, Exhibit "D".

Water Disposal

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

Additional Surface Stipulations

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

Details of the On-Site Inspection

The proposed GMBU 104-1-9-16 was on-sited on 12/20/12. The following were present; Corie Miller (Newfield Production), Mandie Crozier (Newfield Production), and Sheri Wysong (Bureau of Land Management).

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the GMBU 104-1-9-16, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the GMBU 104-1-9-16, 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 REPRESENTATIVE AND CERTIFICATION:**
Representative

Name: Corie Miller

Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052

Telephone: (435) 646-3721

Certification

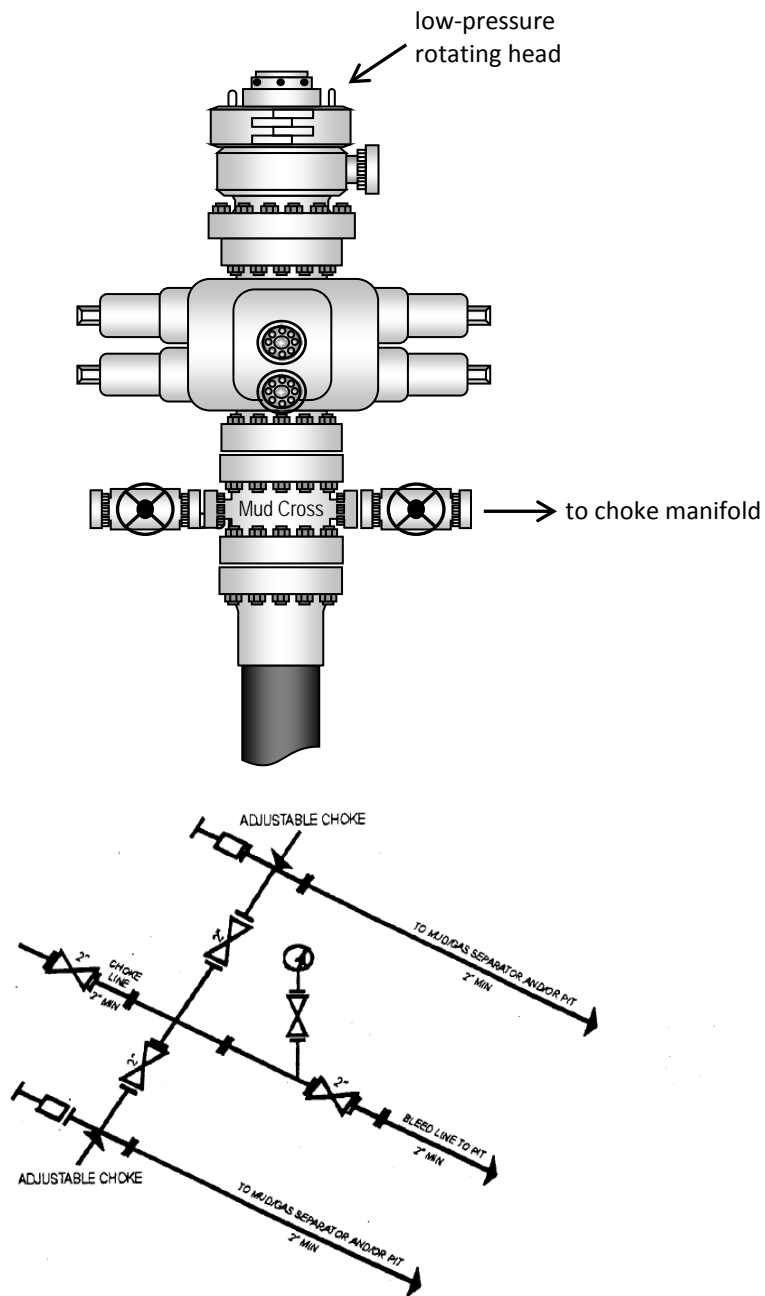
Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #104-1-9-16, Section 36, Township 8S, Range 16E: Lease UTU-72103 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage 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.

1/18/13
Date

Mandie Crozier
Regulatory Analyst
Newfield Production Company

Typical 2M BOP stack configuration



2M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

TOP HOLE FOOTAGES

104-1-9-16 (PROPOSED)
724' FSL & 856' FWL

13-36-8-16 (Existing Well)

104-1-9-16 (Proposed Well)

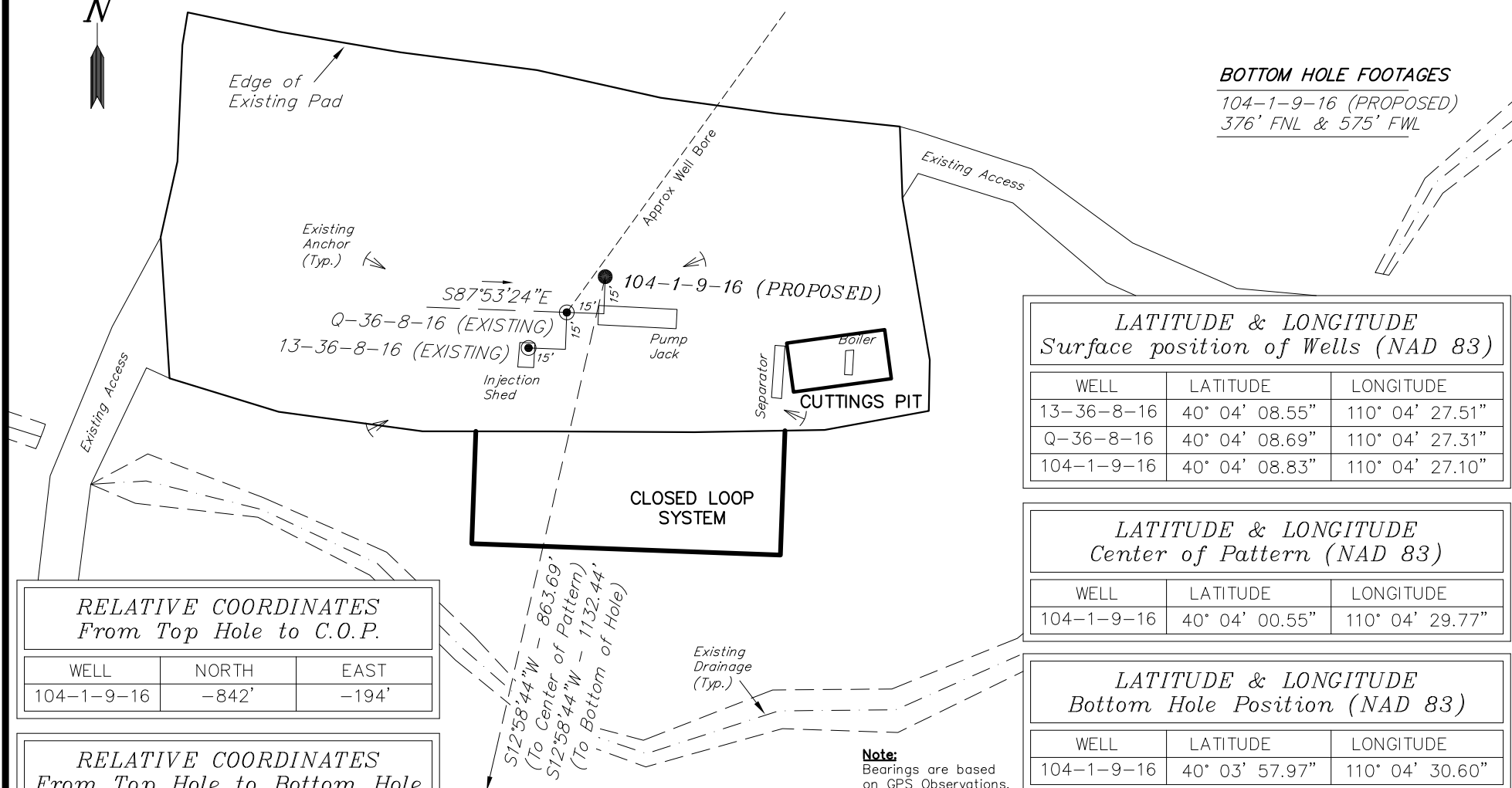
Pad Location: SWSW Section 36, T8S, R16E, S.L.B.&M.

CENTER OF PATTERN FOOTAGES

104-1-9-16 (PROPOSED)
115' FNL & 640' FWL

BOTTOM HOLE FOOTAGES

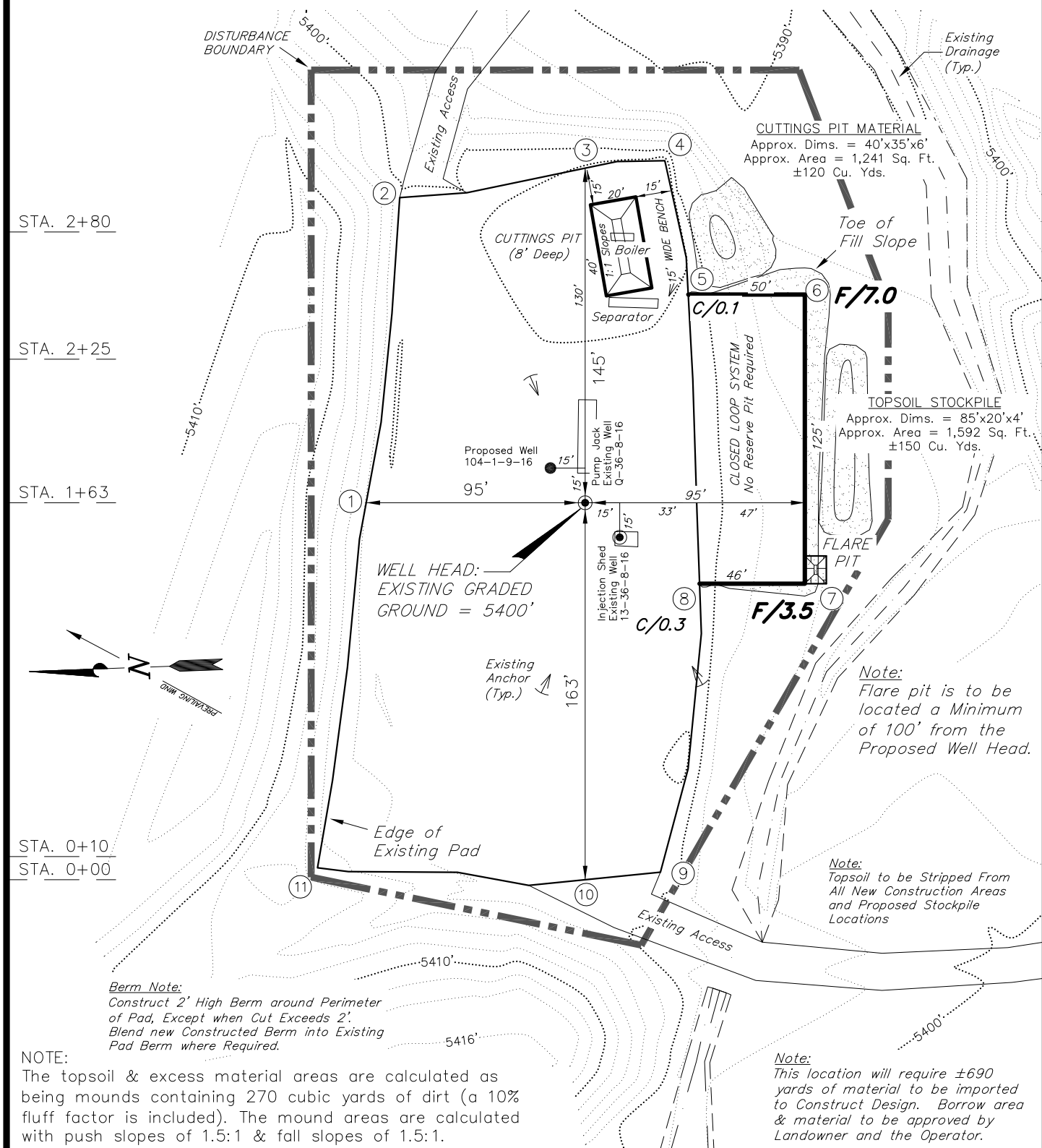
104-1-9-16 (PROPOSED)
376' FNL & 575' FWL



SURVEYED BY: S.H. DATE SURVEYED: 11-05-12 VERSION:
DRAWN BY: F.T.M. DATE DRAWN: 11-06-12
SCALE: 1" = 60' REVISED: F.T.M. 01-02-13

V3

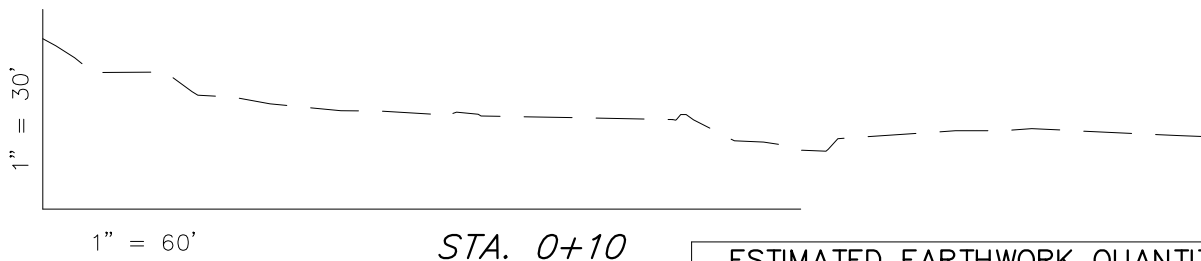
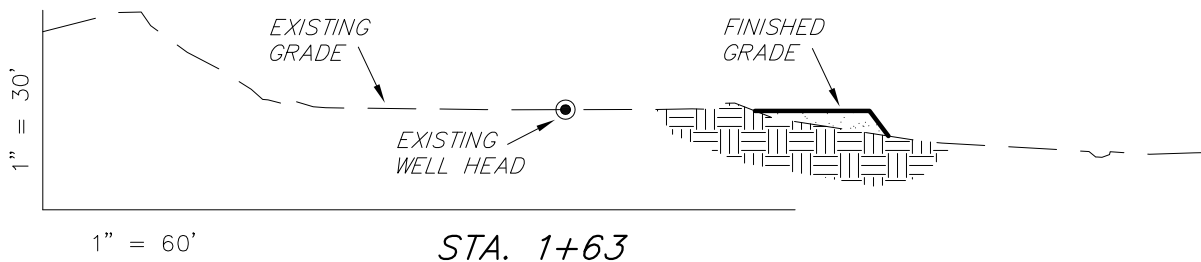
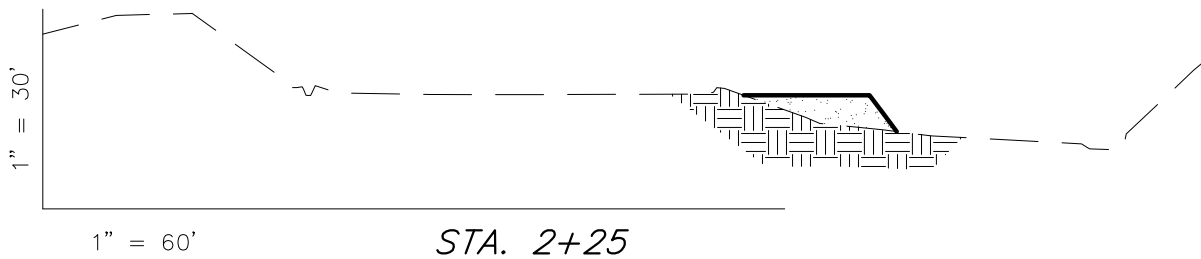
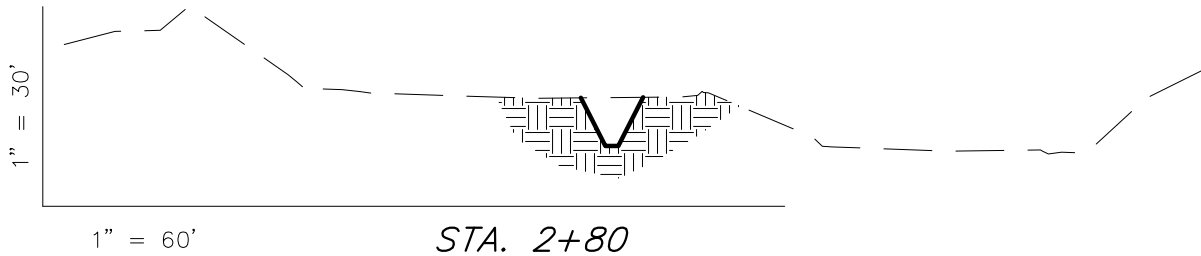
Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD EXPLORATION COMPANY**LOCATION LAYOUT****13-36-8-16 (Existing Well)****104-1-9-16 (Proposed Well)***Pad Location: SWSW Section 36, T8S, R16E, S.L.B.&M.*

SURVEYED BY: S.H.	DATE SURVEYED: 11-05-12	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 11-06-12	V3
SCALE: 1" = 60'	REVISED: F.T.M. 01-02-13	

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

RECEIVED: January 21, 2013

NEWFIELD EXPLORATION COMPANY***CROSS SECTIONS******13-36-8-16 (Existing Well)******104-1-9-16 (Proposed Well)****Pad Location: SWSW Section 36, T8S, R16E, S.L.B.&M.*

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

Note:
This location will require ± 690
yards of material to be imported
to Construct Design. Borrow area
& material to be approved by
Landowner and the Operator.

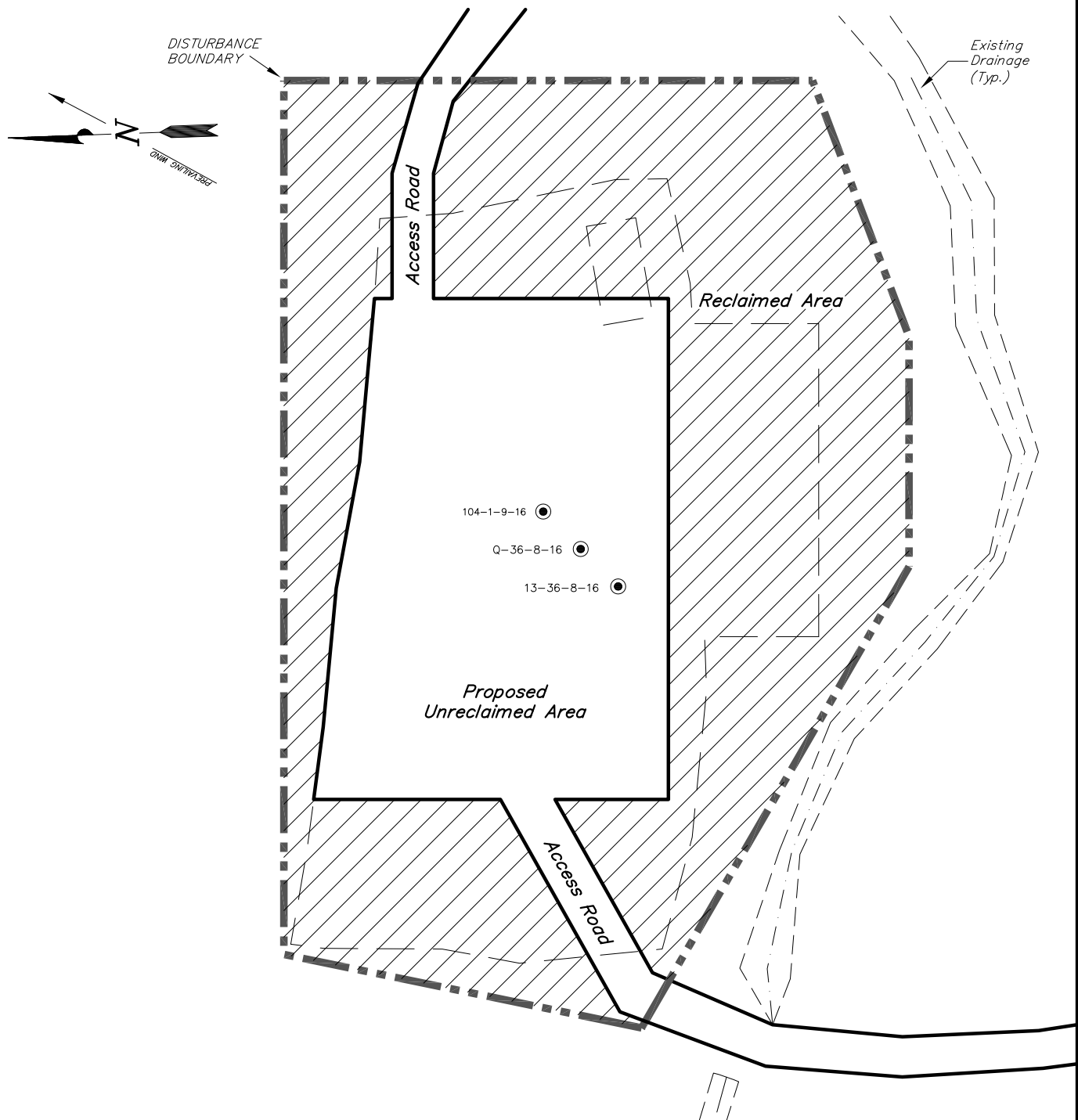
ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	0	690	Topsoil is not included in Pad Cut	-690
PIT	120	0		N/A
TOTALS	120	690	140	-690

SURVEYED BY: S.H.	DATE SURVEYED: 11-05-12	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 11-06-12	V3
SCALE: 1" = 60'	REVISED: F.T.M. 01-02-13	

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

RECEIVED: January 21, 2013

NEWFIELD EXPLORATION COMPANY***RECLAMATION LAYOUT******13-36-8-16 (Existing Well)******104-1-9-16 (Proposed Well)******Pad Location: SWSW Section 36, T8S, R16E, S.L.B.&M.*****Notes:**

1. Reclaimed Area to Include Seeding of Approved Vegetation and Sufficient Storm Water Management System.
2. Actual Equipment Layout and Reclaimed Pad Surface Area May Change due to Production Requirements or Site Conditions.

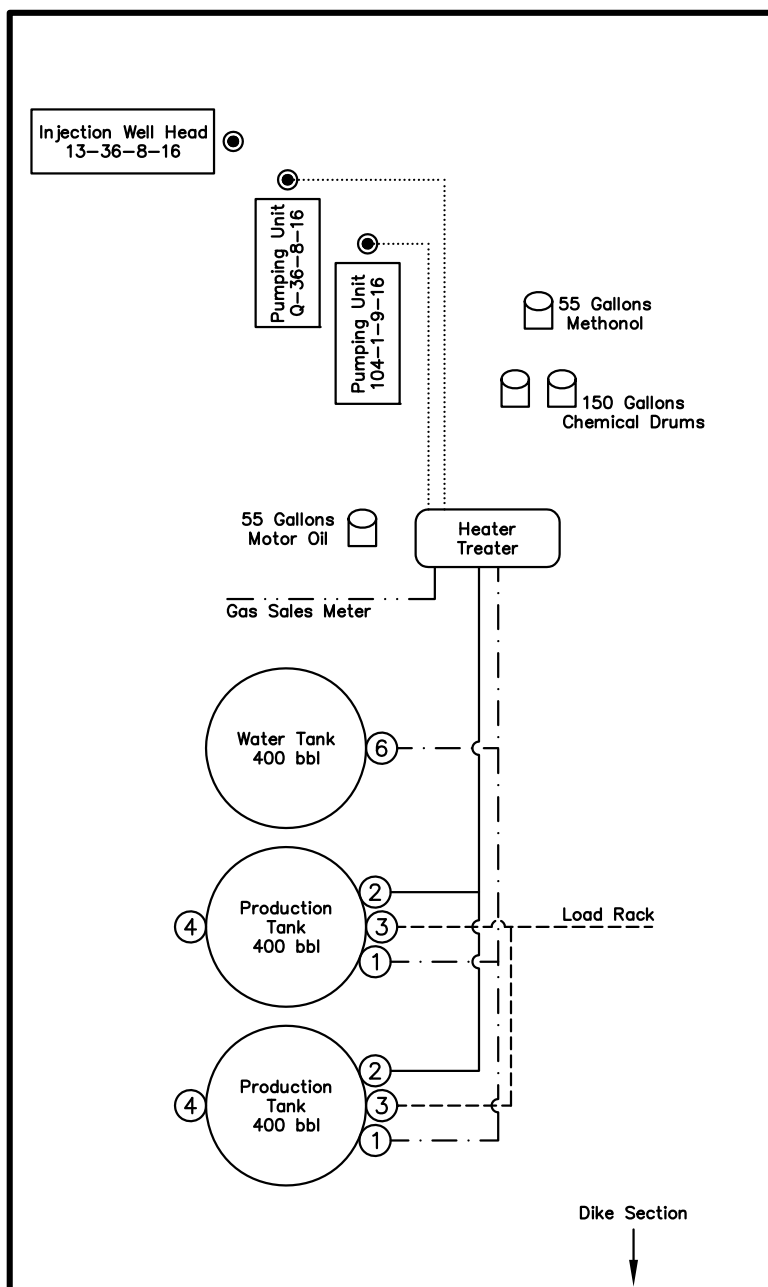
DISTURBED AREA:

TOTAL DISTURBED AREA = 1.85 ACRES
 TOTAL RECLAIMED AREA = 1.18 ACRES
 UNRECLAIMED AREA = 0.67 ACRES

SURVEYED BY: S.H.	DATE SURVEYED: 11-05-12	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 11-06-12	V3
SCALE: 1" = 60'	REVISED: F.T.M. 01-02-13	

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

RECEIVED: January 21, 2013

NEWFIELD EXPLORATION COMPANY*PROPOSED SITE FACILITY DIAGRAM***13-36-8-16 (Existing Well)****Q-36-8-16 (Existing Well) ML-22061****104-1-9-16 (Proposed Well) UTU-72104***Pad Location: SWSW Section 36, T8S, R16E, S.L.B.&M.**Duchesne County, Utah****Legend***

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

NOT TO SCALE

SURVEYED BY: S.H.	DATE SURVEYED: 11-05-12	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 11-06-12	V3
SCALE: NONE	REVISED: F.T.M. 01-02-13	

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

RECEIVED: January 21, 2013

NEWFIELD



VIA ELECTRONIC DELIVERY

January 22, 2013

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

Newfield Exploration Company

1001 17th Street | Suite 2000
Denver, Colorado 80202
PH 303-893-0102 | FAX 303-893-0103

RE: Directional Drilling
GMBU 104-1-9-16
Greater Monument Butte (Green River) Unit

Surface Hole: T8S-R16E Section 36: SWSW (ML-22061)
724' FSL 856' FWL

At Target: T9S-R16E Section 1: Lot 4 (NWNW) (UTU-72103)
376' FNL 575' FWL

Duchesne 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 1/21/2013, 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-existing 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 303-383-4121 or by email at lburget@newfield.com. Your consideration in this matter is greatly appreciated.

Sincerely,
Newfield Production Company

Leslie Burget
Land Associate

Form 3160-3
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU72103
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator NEWFIELD EXPLORATION Contact: MANDIE CROZIER E-Mail: mcrozier@newfield.com		7. If Unit or CA Agreement, Name and No. GREATER MONUMENT
3a. Address ROUTE #3 BOX 3630 MYTON, UT 84052		8. Lease Name and Well No. GMBU 104-1-9-16
3b. Phone No. (include area code) Ph: 435-646-4825 Fx: 435-646-3031		9. API Well No.
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SWSW 724FSL 856FWL At proposed prod. zone NWNW Lot 4 376FNL 575FWL		10. Field and Pool, or Exploratory MONUMENT BUTTE
14. Distance in miles and direction from nearest town or post office* 12.7 MILES SOUTH OF MYTON, UT		11. Sec., T., R., M., or Blk. and Survey or Area Sec 36 T8S R16E Mer SLB
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 376'	16. No. of Acres in Lease 120.10	12. County or Parish DUCESNE
17. Spacing Unit dedicated to this well 10.00	13. State UT	
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 456'	19. Proposed Depth 6413 MD 6296 TVD	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KB, RT, GL, etc.) 5400 GL	22. Approximate date work will start 03/31/2012	23. Estimated duration 7 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall 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 shall 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 authorized officer. |
|--|--|

25. Signature (Electronic Submission)	Name (Printed/Typed) MANDIE CROZIER Ph: 435-646-4825	Date 01/21/2013
Title REGULATORY ANALYST		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

Application approval does not warrant or certify 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.

Additional Operator Remarks (see next page)

Electronic Submission #187446 verified by the BLM Well Information System
For NEWFIELD EXPLORATION, sent to the Vernal

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

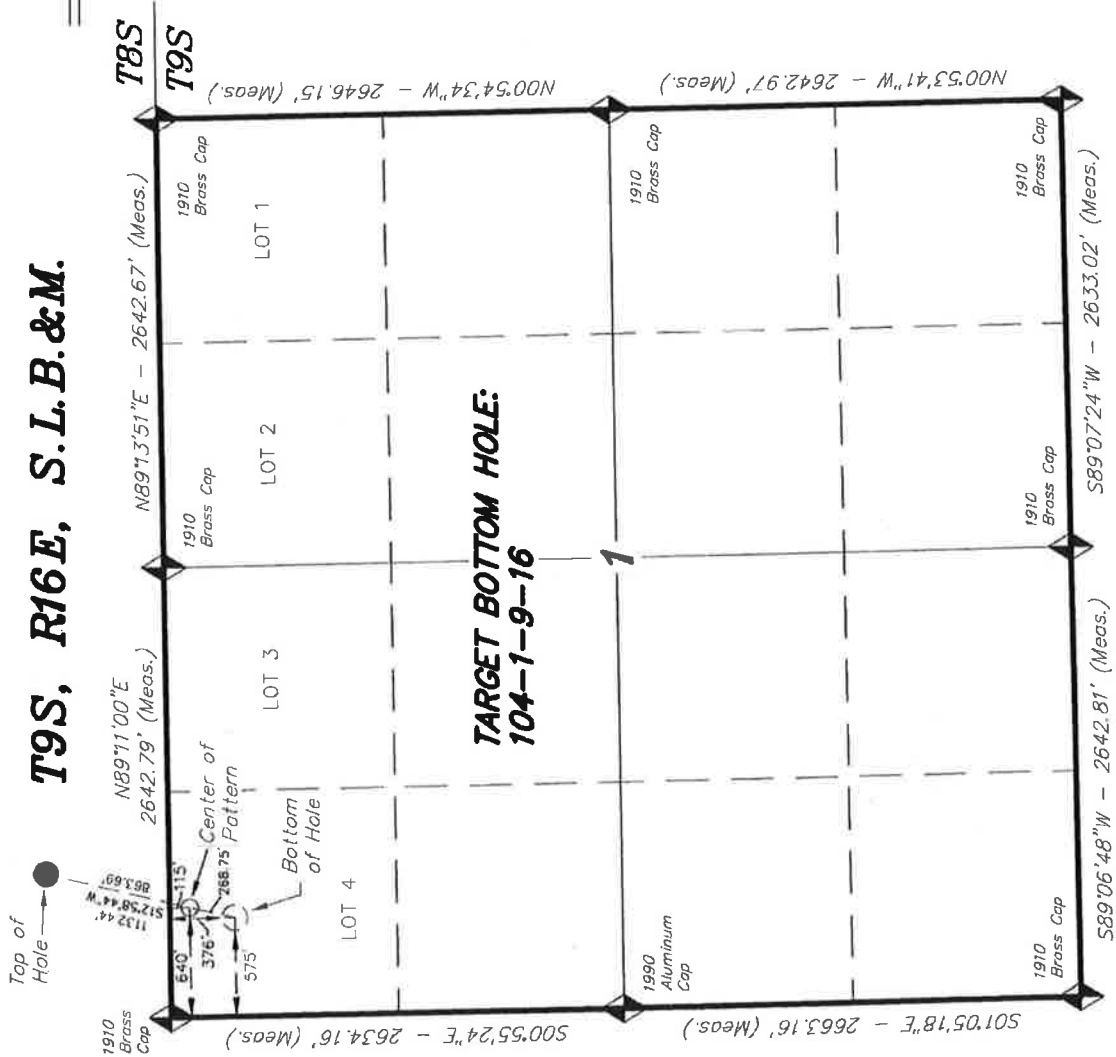
API Well Number: 43013519790000

Additional Operator Remarks:

SURFACE LEASE: ML-22061
BOTTOM HOLE LEASE: UTU-72103

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

NEWFIELD EXPLORATION COMPANY



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

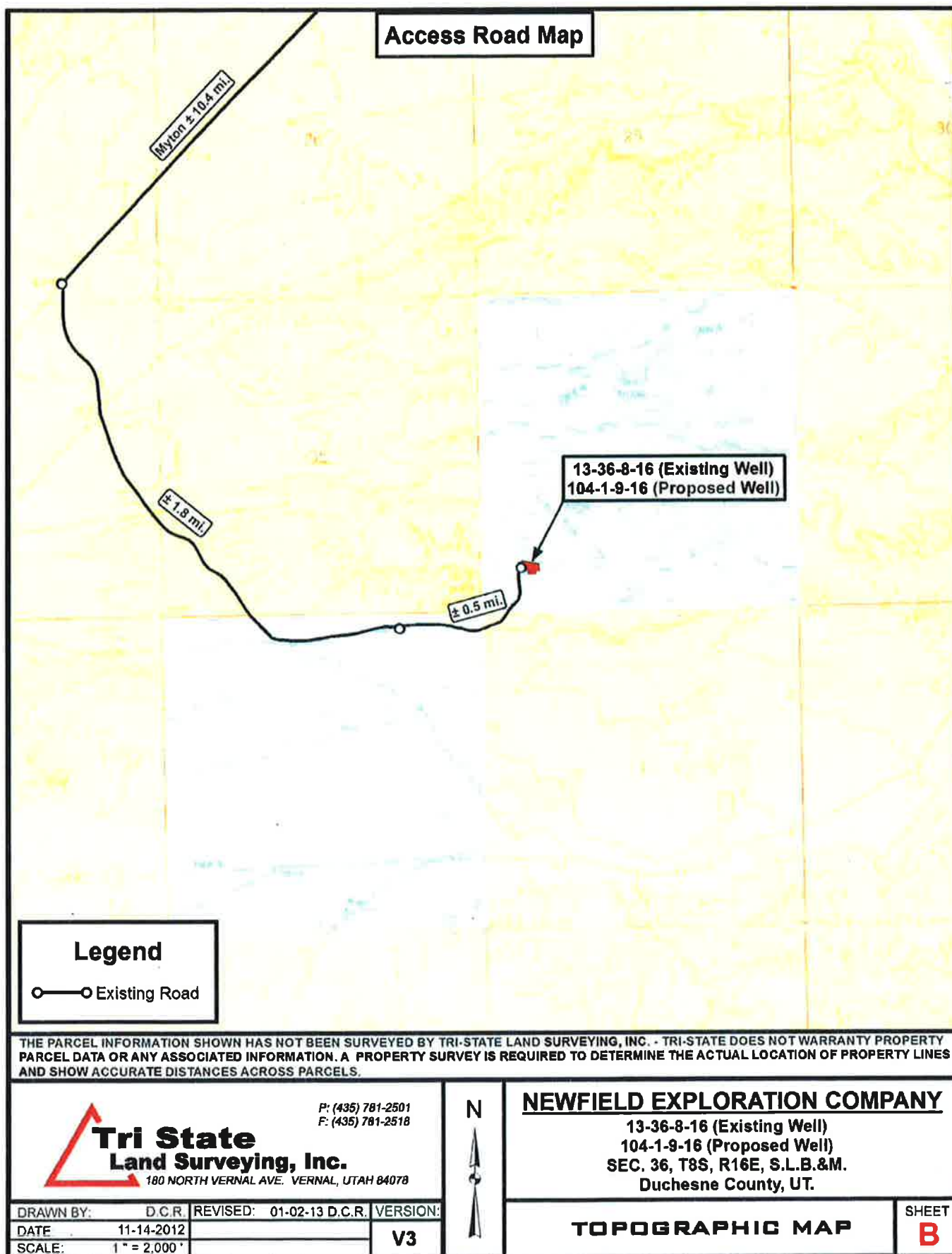
◆ = SECTION CORNERS LOCATED

THIS IS TO CERTIFY THAT THE ABOVE FIELD 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.
01-02-13
STACY W.
REGISTERED LAND SURVEYOR
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
DATE SURVEYED: 11-05-12	SURVEYED BY: S.H.
DATE DRAWN: 11-06-12	DRAWN BY: F.T.M.
REVISED: 01-02-13 F.T.M.	SCALE: 1" = 1000'
VERSION: V3	

NAD 83 (CENTER OF PATTERN)	NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 40°04'00.55"	LATITUDE = 40°03'57.97"
LONGITUDE = 110°04'29.77"	LONGITUDE = 110°04'30.60"
NAD 27 (CENTER OF PATTERN)	NAD 27 (BOTTOM HOLE LOCATION)
LATITUDE = 40°04'00.68"	LATITUDE = 40°03'58.10"
LONGITUDE = 110°04'27.23"	LONGITUDE = 110°04'28.06"

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



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)

February 20, 2013

Memorandum

To: Assistant Field Office Manager Minerals,
Vernal Field Office

From: Michael Coulthard, Petroleum Engineer

Subject: 2013 Plan of Development Greater Monument
Butte Unit, Duchesne and Uintah Counties,
Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2013 within the Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-013-51977	GMBU 104-5-9-17	Sec 32 T08S R17E 0483 FSL 0663 FWL BHL Sec 05 T09S R17E 0182 FNL 0660 FWL
43-013-51978	GMBU 127-36-8-16	Sec 36 T08S R16E 2147 FSL 1819 FWL BHL Sec 36 T08S R16E 1173 FSL 2055 FWL
43-013-51979	GMBU 104-1-9-16	Sec 36 T08S R16E 0724 FSL 0856 FEL BHL Sec 01 T09S R16E 0376 FNL 0575 FWL
43-013-51980	GMBU 111-32-8-17	Sec 32 T08S R17E 0672 FNL 1977 FWL BHL Sec 32 T08S R17E 1463 FNL 1934 FWL
43-013-51981	GMBU 118-3-9-16	Sec 03 T09S R16E 1862 FSL 1919 FEL BHL Sec 03 T09S R16E 2567 FNL 1865 FEL
43-013-51993	GMBU 3-10-9-16	Sec 10 T09S R16E 0814 FNL 2092 FWL
43-013-51994	GMBU 6-30-9-16	Sec 30 T09S R16E 2341 FNL 0398 FWL BHL Sec 30 T09S R16E 1981 FNL 1883 FWL

RECEIVED: February 20, 2013

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-013-51995	GMBU 5-30-9-16	Sec 30 T09S R16E 2362 FNL 0400 FWL
43-013-51996	GMBU 8-27-9-15	Sec 27 T09S R15E 2132 FNL 0532 FEL
43-013-51997	GMBU 16-32-8-17	Sec 32 T08S R17E 0836 FSL 0587 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: 2013.02.20 13:16:01 -07'00'

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

MCoulthard:mc:2-20-13

RECEIVED: February 20, 2013

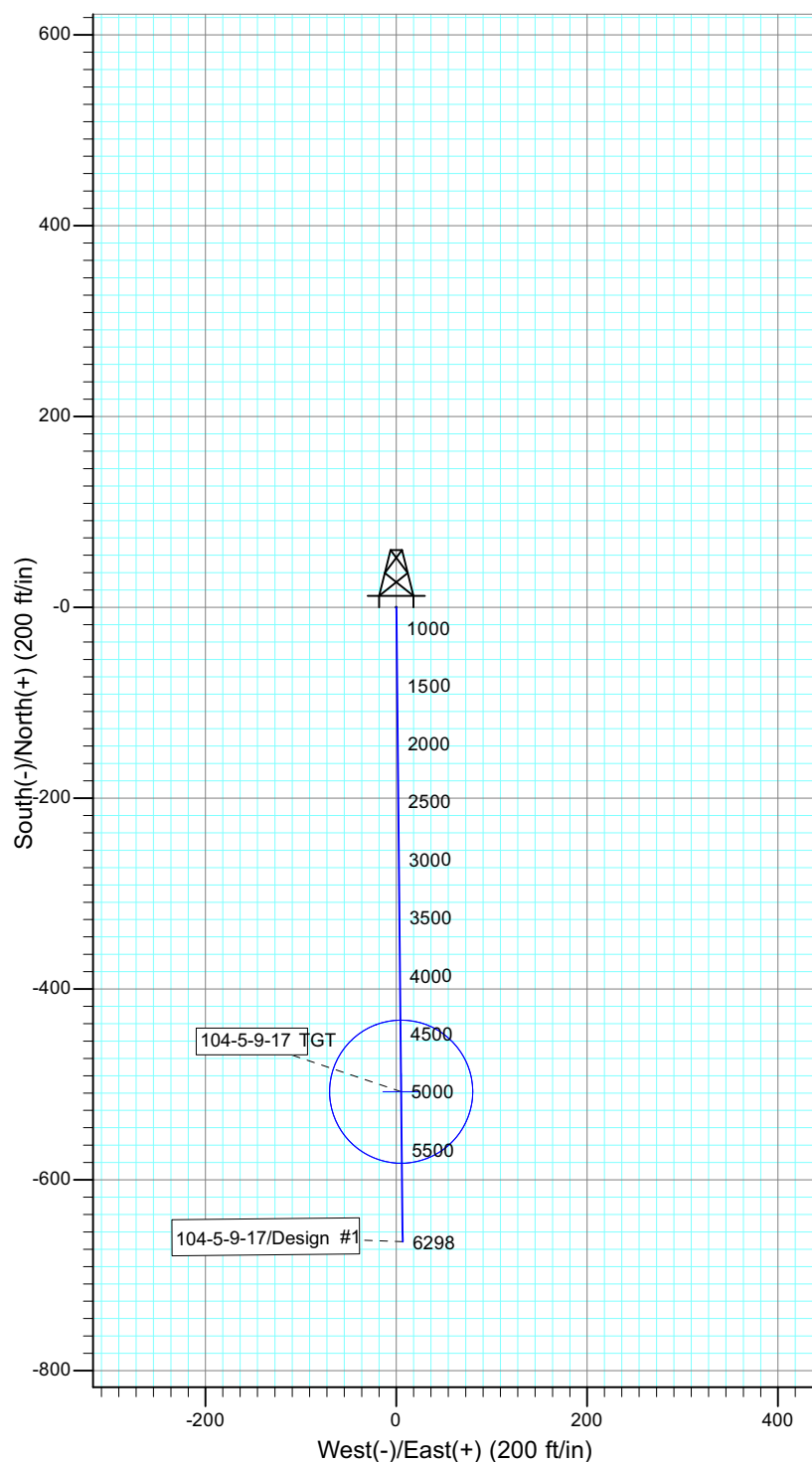
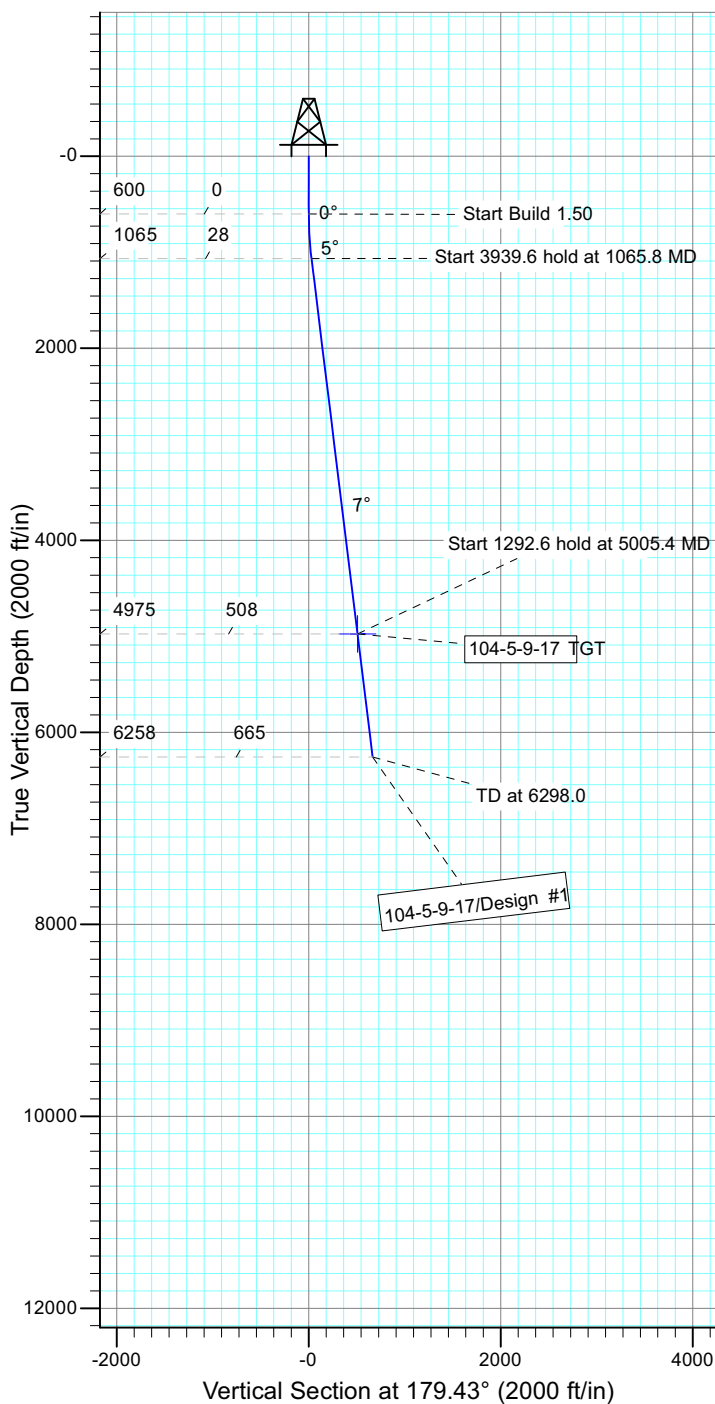


Project: USGS Myton SW (UT)
 Site: SECTION 32 T8S, R17E
 Well: 104-5-9-17
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.13°

Magnetic Field
 Strength: 52150.4snT
 Dip Angle: 65.78°
 Date: 11/8/2012
 Model: IGRF2010



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
104-5-9-17 TGT	4975.0	-507.6	5.0	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1065.8	6.99	179.43	1064.7	-28.4	0.3	1.50	179.43	28.4	
4	5005.4	6.99	179.43	4975.0	-507.6	5.0	0.00	0.00	507.6	104-5-9-17 TGT
5	6298.0	6.99	179.43	6258.0	-664.8	6.6	0.00	0.00	664.9	



Received: January 21, 2013

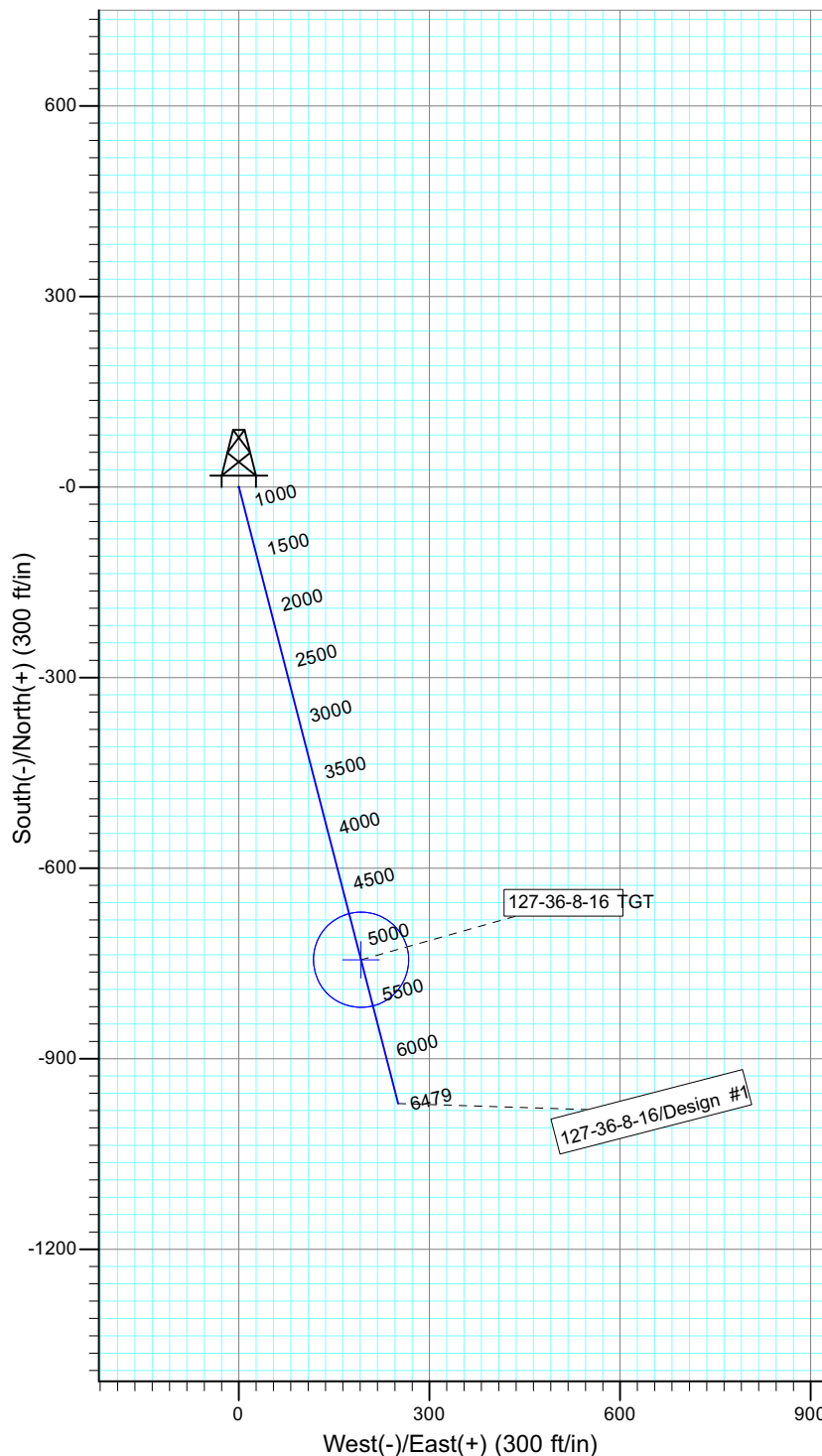
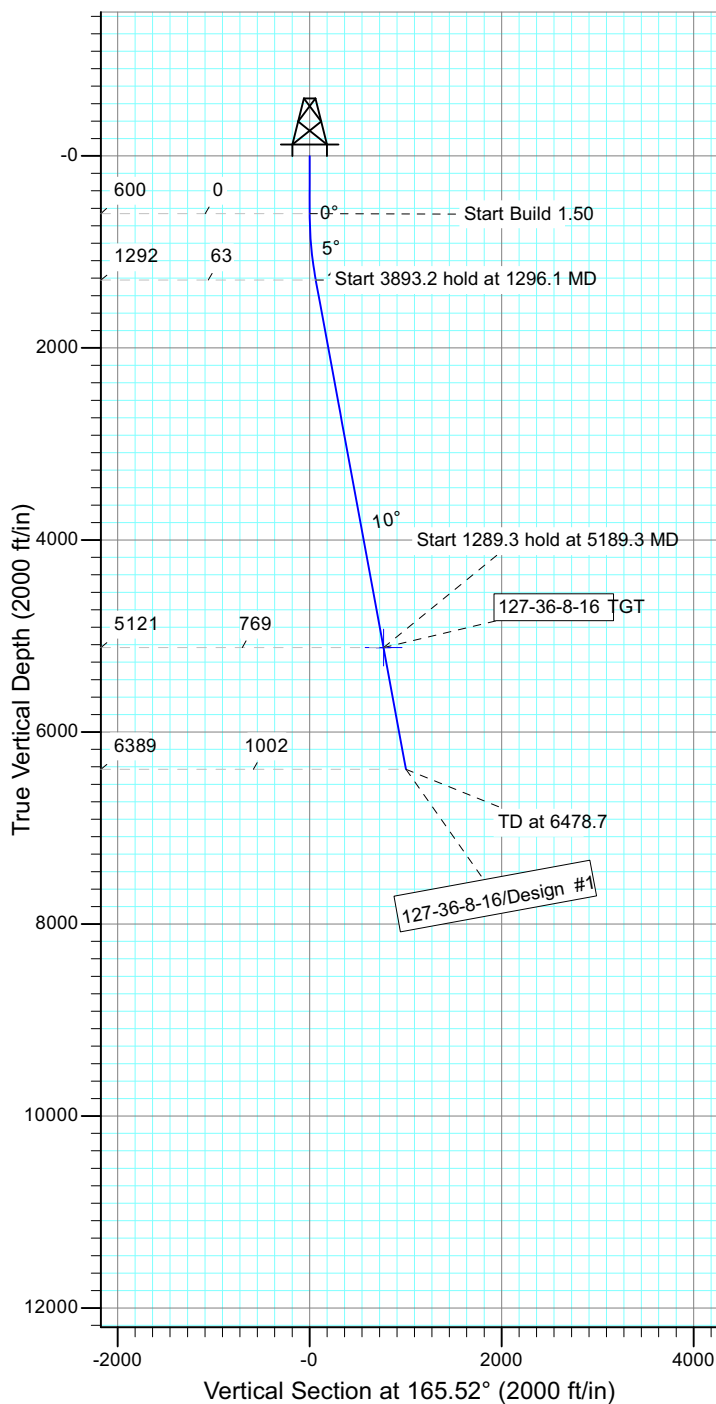


Project: USGS Myton SW (UT)
 Site: SECTION 36 T8S, R16E
 Well: 127-36-8-16
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.14°

Magnetic Field
 Strength: 52146.3snT
 Dip Angle: 65.78°
 Date: 11/8/2012
 Model: IGRF2010



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
127-36-8-16 TGT	5121.0	-744.4	192.2	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	1296.1	10.44	165.52	1292.2	-61.2	15.8	1.50	165.52	63.2	
4	5189.3	10.44	165.52	5121.0	-744.4	192.2	0.00	0.00	768.8	127-36-8-16 TGT
5	6478.7	10.44	165.52	6389.0	-970.6	250.7	0.00	0.00	1002.5	



Received: January 21, 2013

API Well Number: 43013519790000

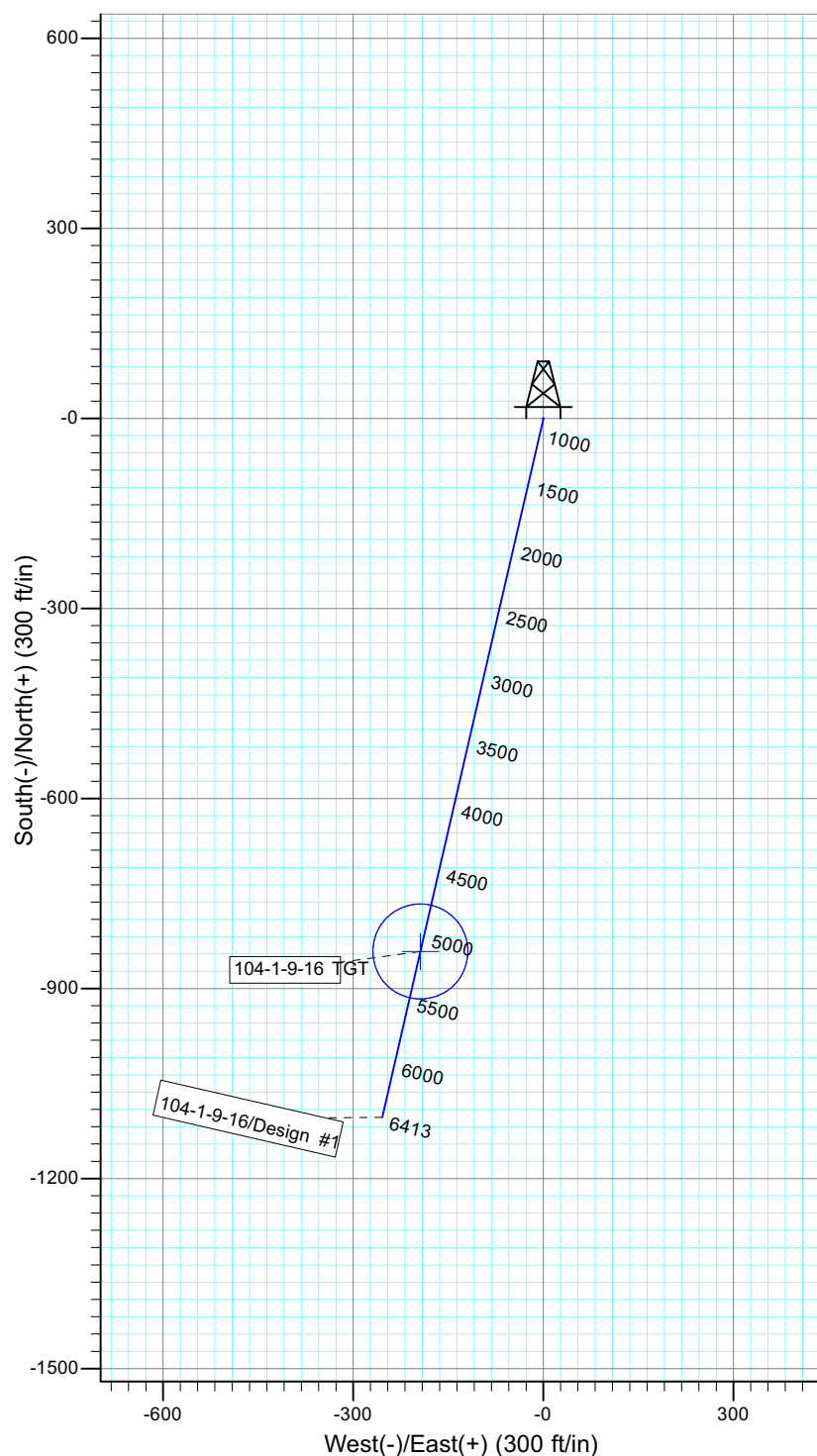
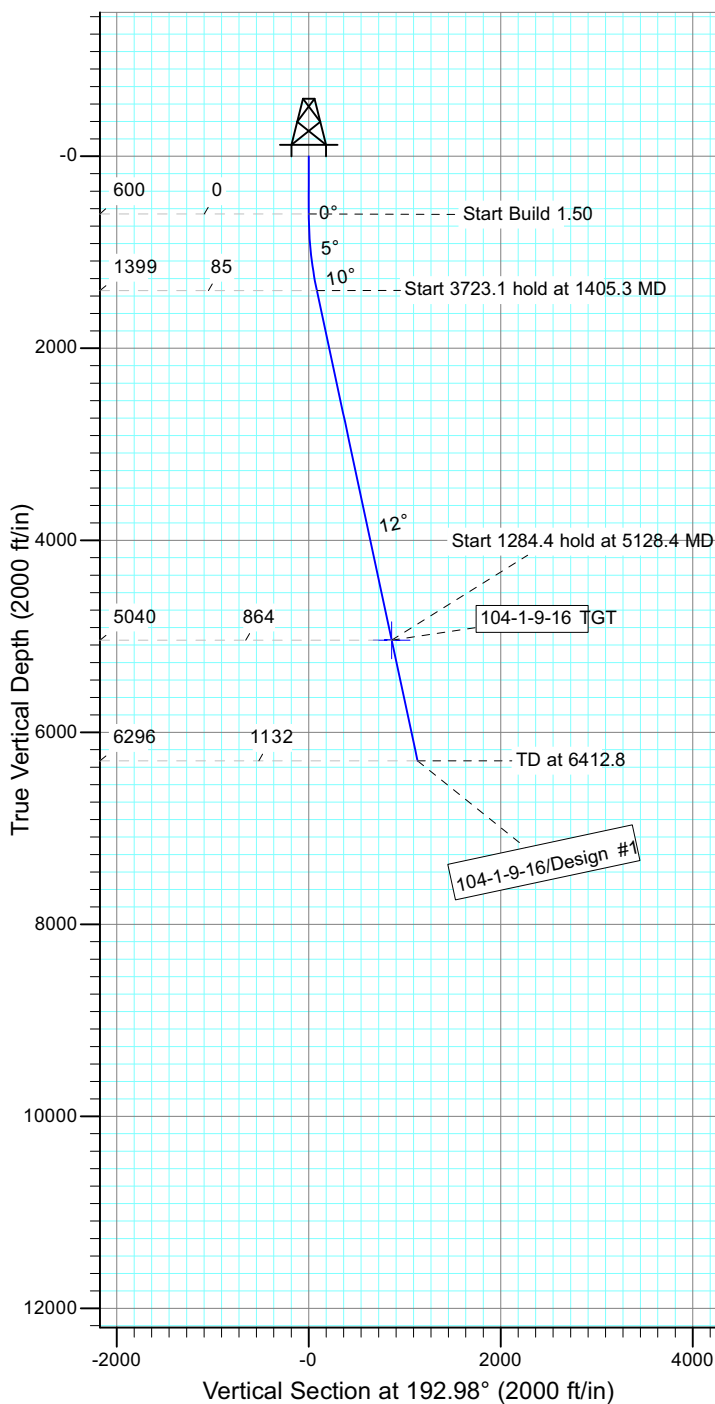


Project: USGS Myton SW (UT)
 Site: SECTION 36 T8S, R16E
 Well: 104-1-9-16
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.14°

Magnetic Field
 Strength: 52144.4snT
 Dip Angle: 65.78°
 Date: 11/8/2012
 Model: IGRF2010



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
104-1-9-16 TGT	5040.0	-841.6	-194.0	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1405.3	12.08	192.98	1399.3	-82.4	-19.0	1.50	192.98	84.6	
4	5128.4	12.08	192.98	5040.0	-841.6	-194.0	0.00	0.00	863.7	104-1-9-16 TGT
5	6412.8	12.08	192.98	6296.0	-1103.5	-254.4	0.00	0.00	1132.5	



Received: January 21, 2013

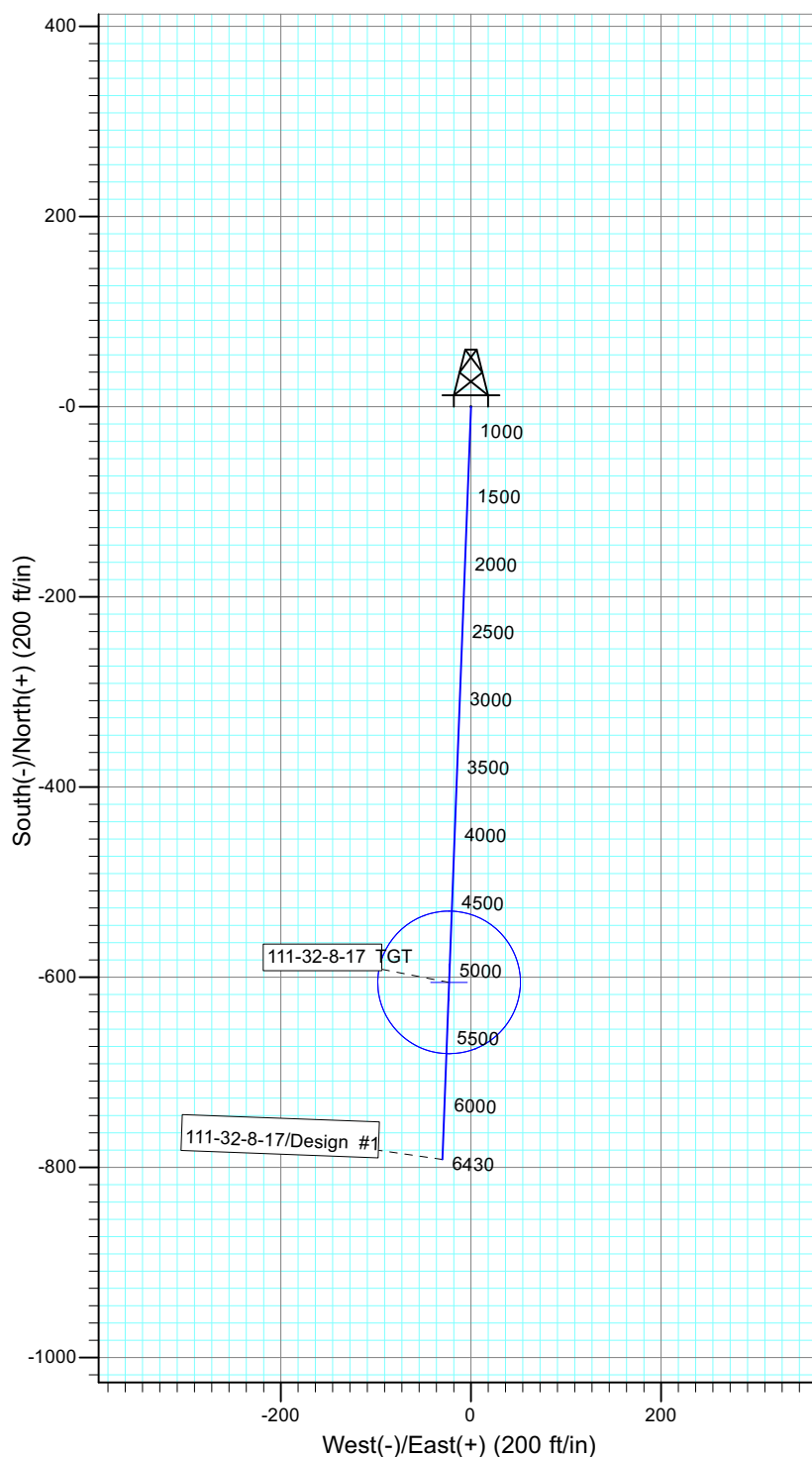
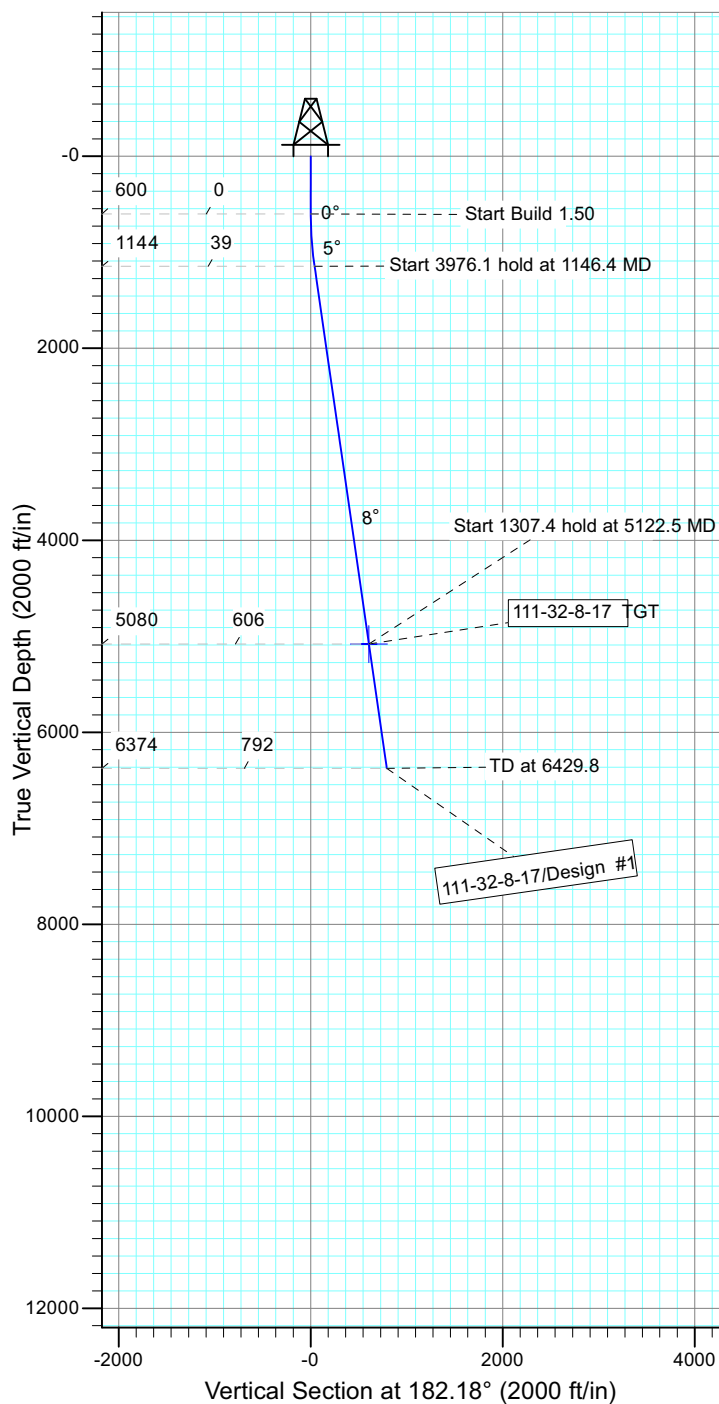


Project: USGS Myton SW (UT)
 Site: SECTION 32 T8S, R17E
 Well: 111-32-8-17
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.13°

Magnetic Field
 Strength: 52157.5snT
 Dip Angle: 65.79°
 Date: 11/8/2012
 Model: IGRF2010



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
111-32-8-17 TGT	5080.0	-605.4	-23.0	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1146.4	8.20	182.18	1144.5	-39.0	-1.5	1.50	182.18	39.0	
4	5122.5	8.20	182.18	5080.0	-605.4	-23.0	0.00	0.00	605.8	111-32-8-17 TGT
5	6429.8	8.20	182.18	6374.0	-791.6	-30.1	0.00	0.00	792.2	

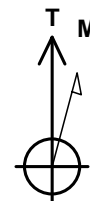


Received: January 21, 2013

API Well Number: 43013519790000

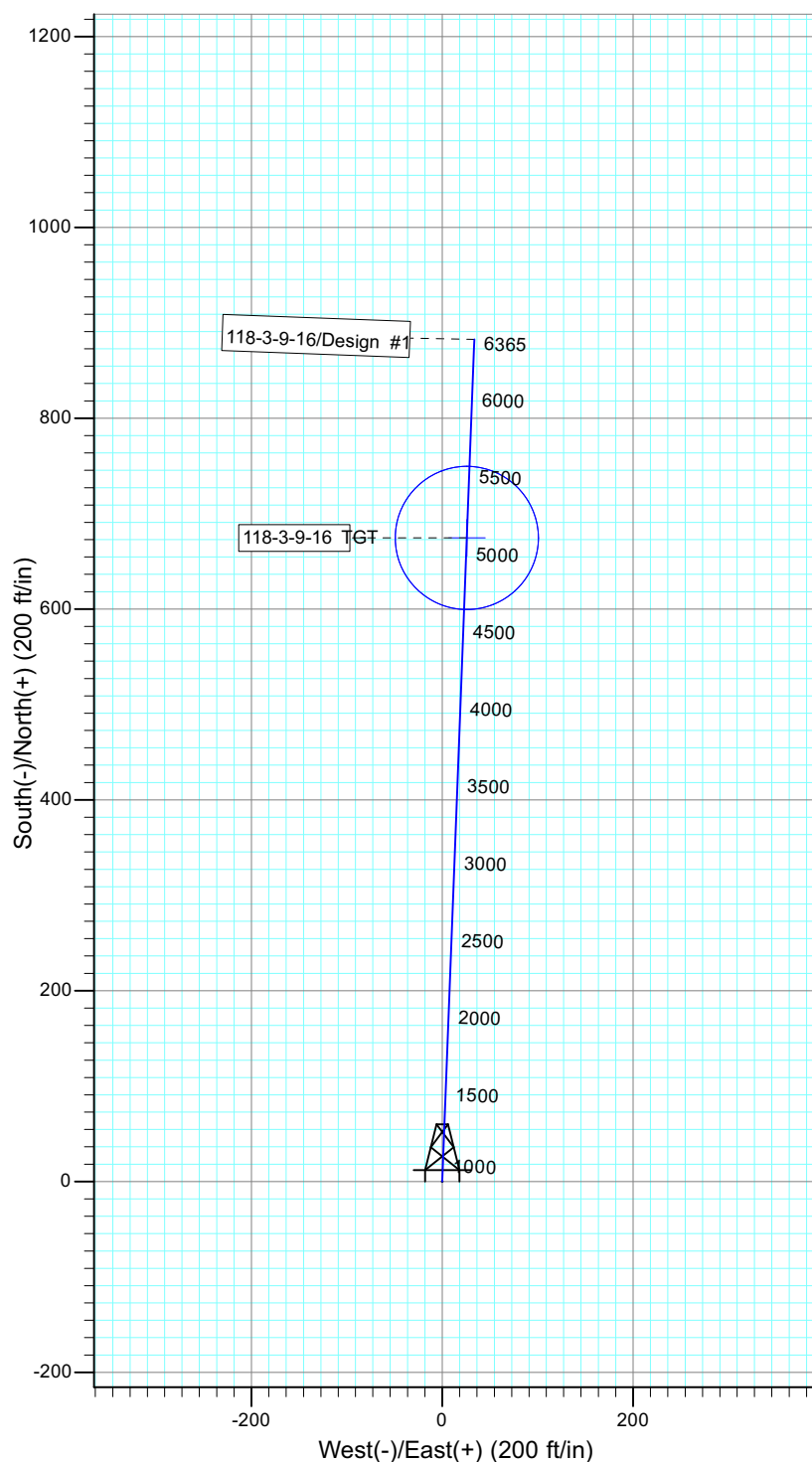
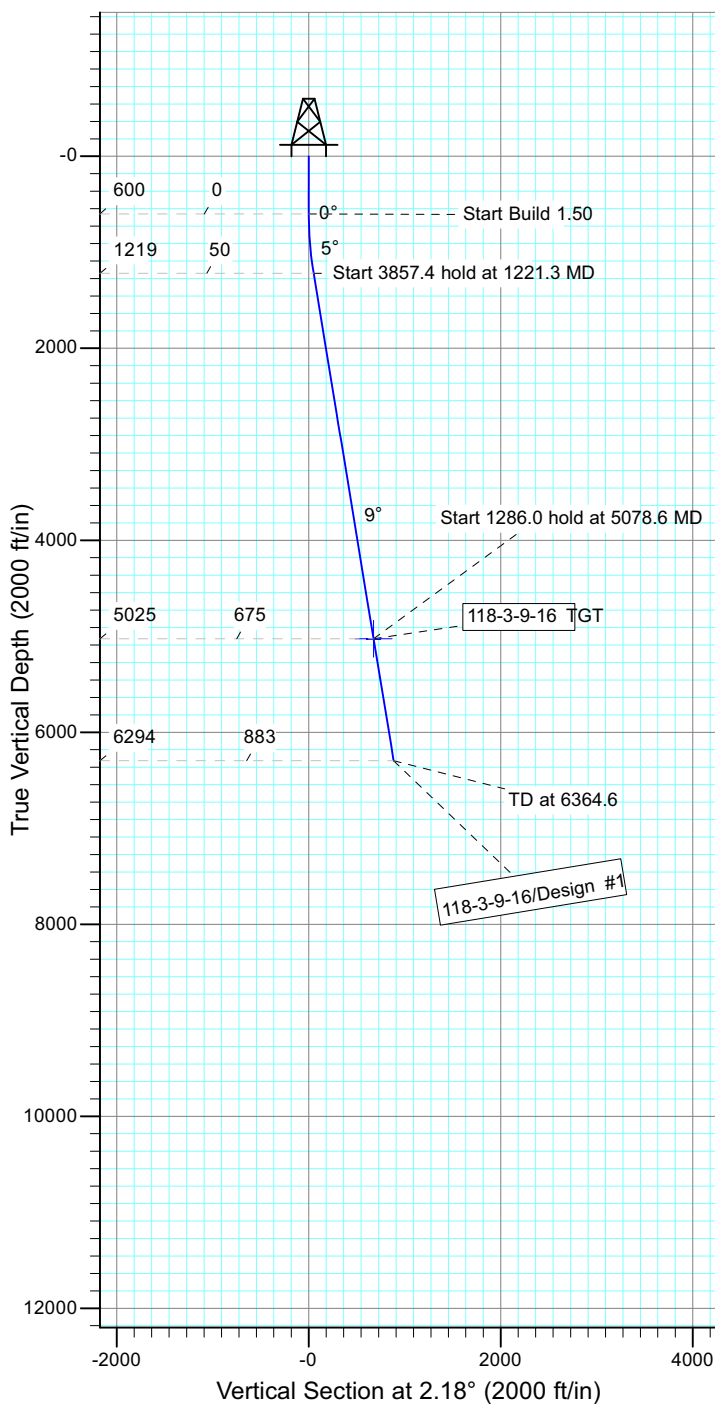


Project: USGS Myton SW (UT)
 Site: SECTION 3 T9S, R16E
 Well: 118-3-9-16
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.15°

Magnetic Field
 Strength: 52132.7snT
 Dip Angle: 65.76°
 Date: 11/8/2012
 Model: IGRF2010



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
118-3-9-16 TGT	5025.0	674.6	25.7	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	1221.3	9.32	2.18	1218.5	50.4	1.9	1.50	2.18	50.4	
4	5078.6	9.32	2.18	5025.0	674.6	25.7	0.00	0.00	675.0	118-3-9-16 TGT
5	6364.6	9.32	2.18	6294.0	882.7	33.6	0.00	0.00	883.3	



Received: January 21, 2013

API Well Number: 43013519790000

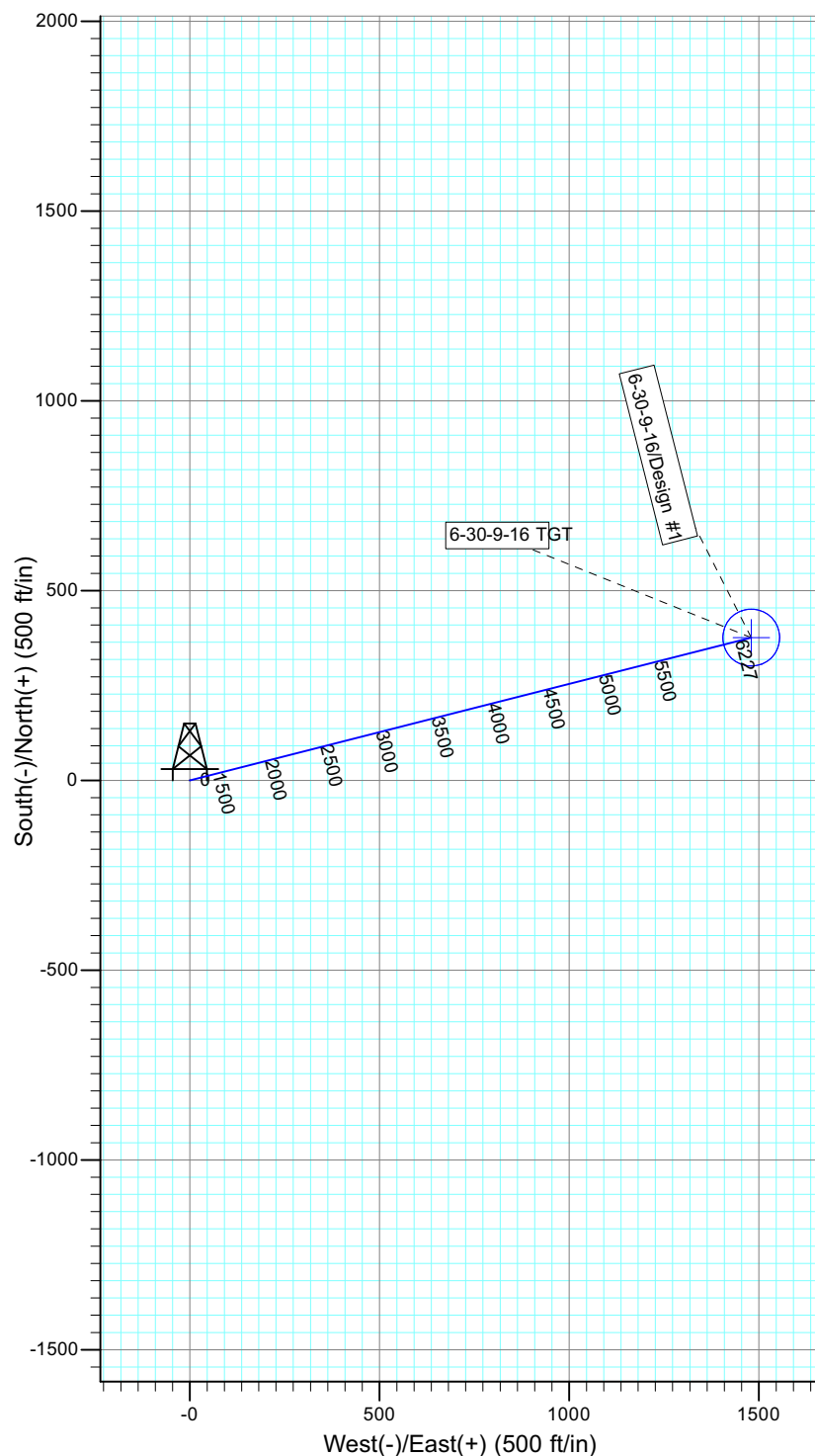
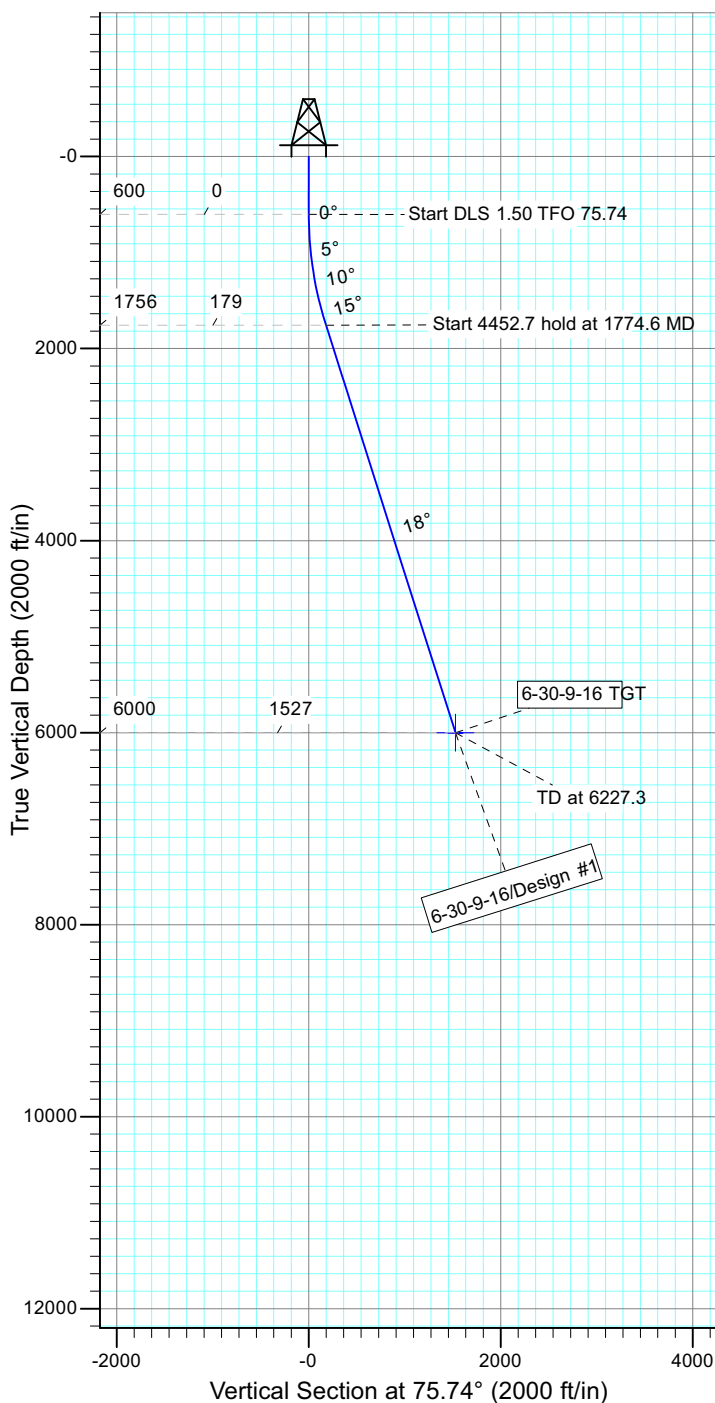


Project: USGS Myton SW (UT)
 Site: SECTION 30 T9S, R16E
 Well: 6-30-9-16
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.14°

Magnetic Field
 Strength: 52067.1snT
 Dip Angle: 65.70°
 Date: 1/23/2013
 Model: IGRF2010



WELLBORE TARGET DETAILS

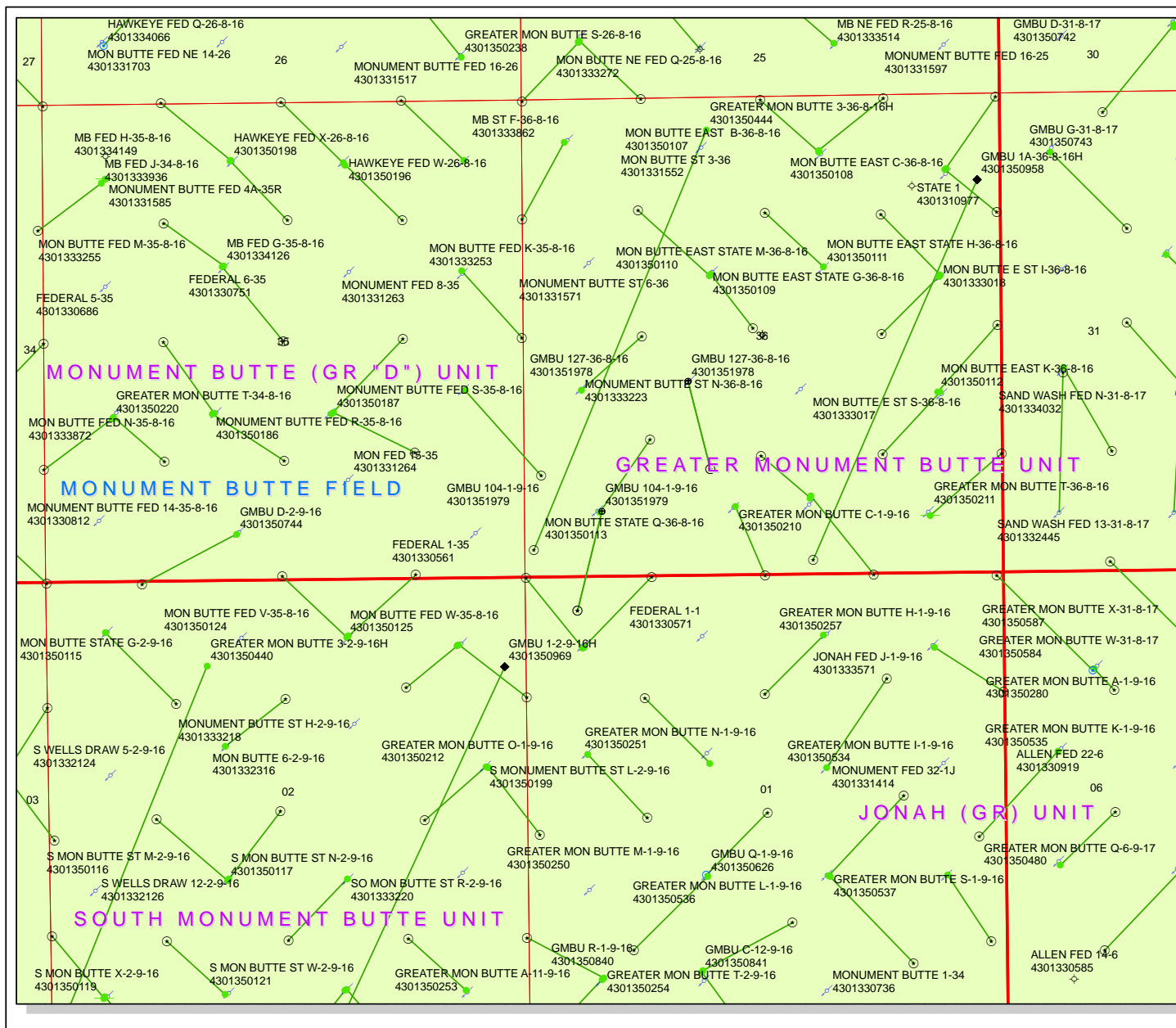
Name	TVD	+N/-S	+E/-W	Shape
6-30-9-16 TGT	6000.0	376.1	1479.9	Circle (Radius: 75.0)

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	1774.6	17.62	75.74	1756.2	44.1	173.7	1.50	75.74	179.2	
4	6227.3	17.62	75.74	6000.0	376.1	1479.9	0.00	0.00	1527.0	6-30-9-16 TGT

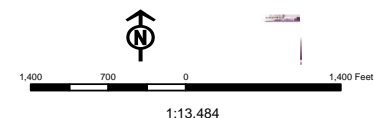
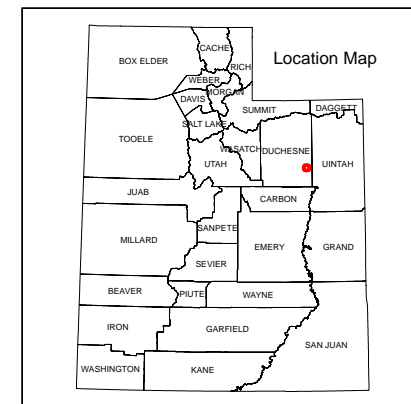


Received: January 29, 2013



API Number: 4301351979
Well Name: GMBU 104-1-9-16
Township T08.0S Range R16.0E Section 36
Meridian: SLBM
Operator: NEWFIELD PRODUCTION COMPANY
 Map Prepared:
 Map Produced by Diana Mason

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



API Well Number : 4301351979000



dianawhitney@utah.gov

Mail

More

4 of about 97

COMPOSE

Inbox (25)

Starred

Important

Sent Mail

Drafts

BLM (83)

Cabinet

Electronic filing

Eng. Tech

New Permits

saved

Follow up

Misc

Priority

Tariq

More

Newfield Well Approvals

Inbox x



Jeff Conley

2:14 PM (16 hours ago)



to Jim, Lavonne, mcrozier, cdmiller, me, Brad

The following wells have been approved by SITLA including arch and paleo resources

(4301351967) GMBU B-21-9-17
(4301351980) GMBU 111-32-8-17
(4301351978) GMBU 127-36-8-16
(4301351976) GMBU 128-32-8-17
(4301351977) GMBU 104-5-9-17

The following well is approved by SITLA including arch and paleo with 1 arch recommendation

(4301351979) GMBU 104-1-9-16 (U-12-MQ-1092b,s; 1 eligible site, 42Dc2653, adjacent to the north side of the well pad - cultural clearance is given provided the proponent restricts development to the north of the existing well pad; if the proponent decides expansion of the well pad to the north is necessary, then either archaeological monitoring or avoidance fencing along the southern edge of the eligible site is required)

People (6)

Jeff Conley

Trust Lands Resource Specialist

[Show details](#)



Click here to [Reply](#), [Reply to all](#), or [Forward](#)

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name GMBU 104-1-9-16
API Number 43013519790000 **APD No** 7497 **Field/Unit** MONUMENT BUTTE
Location: 1/4,1/4 SWSW **Sec** 36 **Tw** 8.0S **Rng** 16.0E 724 FSL 856 FWL
GPS Coord (UTM) **Surface Owner**

Participants

Shon McKinnon

Regional/Local Setting & Topography

NO staking on site. New well on existing location. Host well 13-36-8-16. Existing diversion is not in tact and needs repair

Surface Use Plan

Current Surface Use
 Existing Well Pad

New Road Miles	Well Pad	Src Const Material	Surface Formation
	Width Length		

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands

Flora / Fauna

Soil Type and Characteristics

Erosion Issues

Sedimentation Issues

Site Stability Issues

Drainage Diverson Required?

Berm Required?

Erosion Sedimentation Control Required?

Paleo Survey Run?	Paleo Potental Observed?	Cultural Survey Run?	Cultural Resources?
--------------------------	---------------------------------	-----------------------------	----------------------------

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)
Distance to Surface Water (feet)
Dist. Nearest Municipal Well (ft)
Distance to Other Wells (feet)
Native Soil Type
Fluid Type
Drill Cuttings
Annual Precipitation (inches)
Affected Populations
Presence Nearby Utility Conduits
Final Score

Sensitivity Level

Characteristics / Requirements

**Closed Loop Mud Required? Liner Required? Liner Thickness Pit Underlayment
Required?**

Other Observations / Comments

Chris Jensen
Evaluator

2/13/2013
Date / Time

Application for Permit to Drill

Statement of Basis

Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
7497	43013519790000	SITLA	OW	S	No
Operator	NEWFIELD PRODUCTION COMPANY		Surface Owner-APD		
Well Name	GMBU 104-1-9-16		Unit	GMBU (GRRV)	
Field	MONUMENT BUTTE		Type of Work	DRILL	
Location	SWSW 36 8S 16E S 724 FSL 856 FWL GPS Coord (UTM) 578952E 4435835N				

Geologic Statement of Basis

The mineral rights for the proposed well are owned by the Federal Government. The BLM will be the agency responsible for evaluating and approving the drilling, casing and cement programs.

Brad Hill
APD Evaluator

2/26/2013
Date / Time

Surface Statement of Basis

New well on existing location. Host well 13-36-8-16. Diversion is in disrepair and needs repair before drilling. Location does not currently have a berm. I see no other items of concern

Chris Jensen
Onsite Evaluator

2/13/2013
Date / Time

Conditions of Approval / Application for Permit to Drill

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

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 1/21/2013

API NO. ASSIGNED: 43013519790000

WELL NAME: GMBU 104-1-9-16

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: SWSW 36 080S 160E

Permit Tech Review: ☒

SURFACE: 0724 FSL 0856 FWL

Engineering Review: ☐

BOTTOM: 0376 FNL 0575 FWL

Geology Review: ☒

COUNTY: DUCHESNE

LATITUDE: 40.06908

LONGITUDE: -110.07414

UTM SURF EASTINGS: 578952.00

NORTHINGS: 4435835.00

FIELD NAME: MONUMENT BUTTE

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-72103

PROPOSED PRODUCING FORMATION(S): GREEN RIVER

SURFACE OWNER: 3 - State

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

Commingle 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
5 - Statement of Basis - bhill
15 - Directional - dmason
27 - Other - bhill

RECEIVED: March 12, 2013



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: GMBU 104-1-9-16

API Well Number: 43013519790000

Lease Number: UTU-72103

Surface Owner: STATE

Approval Date: 3/12/2013

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.

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

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

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:

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

For John Rogers
Associate Director, Oil & Gas

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-72103
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: GMBU 104-1-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0724 FSL 0856 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 36 Township: 08.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013519790000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 8/22/2013	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 65%;"> <p>On 8/22/2013 Drilled conductor hole and set 10' of 14" conductor JSA+Drilled 285' of 12 1/4 surface hole JSA + Run 290.65' of 8 5/8" surface casing. On 8/23/2013 Cement surface casing with 180 sks class G cement with 2% CaCl and 0.25#/sk cello flake. 5 bbl Returns to surface</p> </div> <div style="width: 30%; text-align: right;"> <p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>FOR RECORD ONLY</p> <p>September 11, 2013</p> </div> </div>		
NAME (PLEASE PRINT) Cherei Neilson	PHONE NUMBER 435 646-4883	TITLE Drilling Technician
SIGNATURE N/A	DATE 9/10/2013	

NEWFIELD**Casing****Conductor**

Legal Well Name GMBU 104-1-9-16			Wellbore Name Original Hole		
API/UWI 43013519790000	Surface Legal Location SWSW	Field Name GMBU CTB5	Well Type Development	Well Configuration Type Slant	
Well RC 500352118	County Duchesne	State/Province Utah	Spud Date 8/22/2013 07:00	Final Rig Release Date	

Wellbore					
Wellbore Name Original Hole			Kick Off Depth (ftKB)		
Section Des	Size (in)	Actual Top Depth (MD) (ftKB)	Actual Bottom Depth (MD) (ftKB)	Start Date	End Date
Conductor	14	10	20	8/22/2013	8/22/2013

Wellhead				
Type	Install Date	Service	Comment	

Wellhead Components				
Des	Make	Model	SN	WP Top (psi)

Casing			
Casing Description	Set Depth (ftKB)	Run Date	Set Tension (kips)
Conductor	20	8/22/2013	
Centralizers	Scratchers		

Casing Components												
Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	Mk-up Tq (ft•lb)	Class	Max OD (in)
Conductor	14	13.500	36.75	H-40		1	10.00	10.0	20.0			

Jewelry Details									
External Casing Packer									
Type	Setting Requirement			Release Requirements			Inflation Method	Vol Inflation (gal)	Equiv Hole Sz (in)
Inflation Fluid Type	Infl Fl Dens (lb/gal)	P AV Set (psi)	AV Acting Pressure (psi)	P ICV Set (psi)	P ICV Act (psi)	ECP Load (1000lbf)	Seal Load (1000lbf)		

Slotted Liner									
% Open Area (%)	Perforation Min Dimension (in)	Perforation Max Dimension (in)	Axial Perf Spacing (ft)	Perf Rows	Blank Top Length (ft)	Blank Bottom Length (ft)			
Slot Description	Slot Pattern			Slot Length (in)	Slot Width (in)	Slot Frequency	Screen Gauge (ga)		

Liner Hanger				
Retrievable?	Elastomer Type	Element Center Depth (ft)	Polish Bore Size (in)	Polish Bore Length (ft)
Slip Description			Set Mechanics	
Setting Procedure				
Unsetting Procedure				

NEWFIELD

Casing

Surface

Legal Well Name GMBU 104-1-9-16			Wellbore Name Original Hole		
API/UWI 43013519790000	Surface Legal Location SWSW	Field Name GMBU CTB5	Well Type Development	Well Configuration Type Slant	
Well RC 500352118	County Duchesne	State/Province Utah	Spud Date 8/22/2013 07:00	Final Rig Release Date	

Wellbore					
Wellbore Name Original Hole			Kick Off Depth (ftKB)		
Section Des	Size (in)	Actual Top Depth (MD) (ftKB)	Actual Bottom Depth (MD) (ftKB)	Start Date	End Date
Conductor	14	10	20	8/22/2013	8/22/2013
Vertical	12 1/4	20	305	8/22/2013	8/22/2013

Wellhead				
Type	Install Date	Service	Comment	

Wellhead Components				
Des	Make	Model	SN	WP Top (psi)

Casing			
Casing Description	Set Depth (ftKB)	Run Date	Set Tension (kips)
Surface	301	8/22/2013	
Centralizers	Scratchers		

Casing Components												
Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	Mk-up Tq (ft•lb)	Class	Max OD (in)
Casing Joints (w/ 2' cut off)	8 5/8	8.097	24.00	J-55	ST&C	1	39.20	12.4	51.6			
Casing Joints	8 5/8	8.097	24.00	J-55	ST&C	5	205.80	51.6	257.4			
Float Collar	8 5/8	8.097	24.00	J-55	ST&C	1	1.00	257.4	258.4			
Casing Joints	8 5/8	8.097	24.00	J-55	ST&C	1	41.15	258.4	299.5			
Guide Shoe	8 5/8	8.097	24.00	J-55	ST&C	1	1.50	299.5	301.0			

Jewelry Details									
External Casing Packer									
Type	Setting Requirement	Release Requirements			Inflation Method	Vol Inflation (gal)	Equiv Hole Sz (in)		
Inflation Fluid Type	Infl FI Dens (lb/gal)	P AV Set (psi)	AV Acting Pressure (psi)	P ICV Set (psi)	P ICV Act (psi)	ECP Load (1000lbf)	Seal Load (1000lbf)		

Slotted Liner							
% Open Area (%)	Perforation Min Dimension (in)	Perforation Max Dimension (in)	Axial Perf Spacing (ft)	Perf Rows	Blank Top Length (ft)	Blank Bottom Length (ft)	
Slot Description	Slot Pattern			Slot Length (in)	Slot Width (in)	Slot Frequency	Screen Gauge (ga)

Liner Hanger				
Retrievable?	Elastomer Type	Element Center Depth (ft)	Polish Bore Size (in)	Polish Bore Length (ft)
Slip Description			Set Mechanics	
Setting Procedure				
Unsetting Procedure				

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 104-1-9-16
Qtr/Qtr SWSW Section 36 Township 8S Range 16E
Lease Serial Number UTU-72103
API Number 43-013-51979

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

Date/Time 8/22/2013 8:00 AM ☒ PM ☐

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

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

Date/Time 8/22/2013 3:00 AM ☐ PM ☒

BOPE

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

RECEIVED

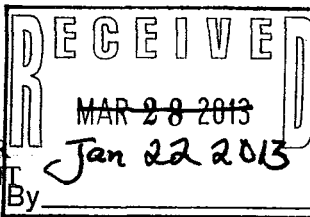
AUG 21 2013

DIV. OF OIL, GAS & MINING

Date/Time _____ AM ☐ PM ☐

Remarks _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU72103
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator NEWFIELD EXPLORATION COMPANY Contact: MANDIE CROZIER Email: mcrozier@newfield.com		7. If Unit or CA Agreement, Name and No. UTU87538X
3a. Address ROUTE 3 BOX 3630 MYTON, UT 84052		8. Lease Name and Well No. GMBU 104-1-9-16
3b. Phone No. (include area code) Ph: 435-646-4825 Fx: 435-646-3031		9. API Well No. 43 013 51979
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SWSW 724FSL 856FWL At proposed prod. zone Lot 4 376FNL 575FWL 1T95 16E		10. Field and Pool, or Exploratory MONUMENT BUTTE
14. Distance in miles and direction from nearest town or post office* 12.7 MILES SOUTH OF MYTON, UT		11. Sec., T., R., M., or Blk. and Survey or Area Sec 36 T8S R16E Mer SLB SME: STATE
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 376'	16. No. of Acres in Lease 120.10	12. County or Parish DUCHESNE
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 456'	19. Proposed Depth 6413 MD 6296 TVD	13. State UT
21. Elevations (Show whether DF, KB, RT, GL, etc.) 5400 GL	22. Approximate date work will start 03/31/2012	17. Spacing Unit dedicated to this well 10.00
		20. BLM/BIA Bond No. on file WYB000493
		23. Estimated duration 7 DAYS

24. Attachments

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

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

25. Signature (Electronic Submission)	Name (Printed/Typed) MANDIE CROZIER Ph: 435-646-4825	Date 01/21/2013
Title REGULATORY ANALYST		
Approved by (Signature) 	Name (Printed/Typed) Jerry Kenczka	Date AUG 20 2013
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify 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.

CONDITIONS OF APPROVAL 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.

Additional Operator Remarks (see next page)

RECEIVED
AUG 30 2013

Electronic Submission #187446 verified by the BLM Well Information System
For NEWFIELD EXPLORATION COMPANY, sent to the Vernal
Committed to AFMSS for processing by ROBIN R. HANSEN on 01/25/2013 (13RRH6282AE)

DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

UDOGM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

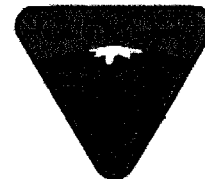


UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	Newfield Exploration Company	Location:	SWSW SEC 36 T8S R16E
Well No:	GMBU 104-1-9-16	Lease No:	UTU72103
API No:	43-013-51979	Agreement:	GMBU

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)***

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:

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 fish
 - 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

1. All internal combustion equipment will be kept in good working order.
2. 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.
3. Open burning of garbage or refuse will not occur at well sites or other facilities.
4. Drill rigs will be equipped with Tier II or better diesel engines.
5. Low bleed pneumatics will be installed on separator dump valves and other controllers.
6. 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.
7. Telemetry will be installed to remotely monitor and control production.
8. 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 NO₂ 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.

9. 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.
10. 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.
11. Green completions will be used for all well completion activities where technically feasible.
12. Employ enhanced VOC emission controls with 95% control efficiency on production equipment having a potential to emit greater than 5 tons per year.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

1. Production casing cement shall be brought up and into the surface.
2. Surface casing cement shall be brought to surface.

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 by CD (compact disc). 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.
- 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/# NDSI SS #1

Submitted By Ryan Crum Phone Number 823-7065

Well Name/Number GMBU 104-1-9-16

Qtr/Qtr SW/SW Section 36 Township 8s Range 16e

Lease Serial Number UTU72103

API Number 43-013-51979

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

Date/Time 9/14/13 3:00 AM ☐ PM ☐

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

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

Date/Time 9/16/13 9:00 AM ☐ PM ☐

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SEP 12 2013

DIV. OF OIL, GAS & MINING

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-72103
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: GMBU 104-1-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0724 FSL 0856 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 36 Township: 08.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013519790000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/10/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above well was placed on production on 10/10/2013 at 09:30 hours.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 21, 2013		
NAME (PLEASE PRINT) Jennifer Peatross	PHONE NUMBER 435 646-4885	TITLE Production Technician
SIGNATURE N/A	DATE 10/16/2013	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Serial No.
UTU72103

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other: _____										6. If Indian, Allottee or Tribe Name _____														
2. Name of Operator NEWFIELD PRODUCTION COMPANY										7. Unit or CA Agreement Name and No. UTU87538X														
3. Address ROUTE #3 BOX 3630 MYTON, UT 84052										3a. Phone No. (include area code) Ph:435-646-3721														
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 724' FSL 856' FWL (SW/SW) SEC 36 T8S R16E (ML-22061) At top prod. interval reported below 697' FSL 699' FWL (SW/SW) SEC 36 T8S R16E (ML-22061) At total depth 347' FNL 603' FWL (NW/NW, LOT #4) SEC 1 T9S R16E (UTU-72103)										10. Field and Pool or Exploratory MONUMENT BUTTE														
										11. Sec., T., R., M., on Block and Survey or Area SEC 36 T8S R16E Mer SLB														
										12. County or Parish DUCHESNE					13. State UT									
14. Date Spudded 08/22/2013					15. Date T.D. Reached 09/18/2013					16. Date Completed 09/27/2013 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.					17. Elevations (DF, RKB, RT, GL)* 5400' GL 5410'KB									
18. Total Depth: MD 6343' TVD 6231'					19. Plug Back T.D.: MD 6288' 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? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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 Sk. & Type of Cement		Slurry Vol. (BBL)		Cement Top*		Amount Pulled						
12-1/4"		8-5/8" J-55		24#		0		305'				180 CLASS G												
7-7/8"		5-1/2" J-55		15.5#		0		6343'				280 Econocem				0'								
												470Expandacem												
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@6204'		TA@6051'																				
25. Producing Intervals																								
Formation				Top		Bottom		Perforation Record Perforated Interval				Size		No. Holes		Perf. Status								
A) Green River				4376'		6079'		4376' - 6079' MD				0.34		60										
B)																								
C)																								
D)																								
27. Acid, Fracture, Treatment, Cement Squeeze, etc.																								
Depth Interval						Amount and Type of Material																		
4376' - 6079' MD						Frac w/ 140420#s of 20/40 white sand in 1702 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						
10/09/13		10/19/13		24		➡		93		1		1						2.5 X 1.75 X 20' X 23' X 24' 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 GARDEN GULCH 1	3849' 4057'
				GARDEN GULCH 2 POINT 3	4180' 4450'
				X MRKR Y MRKR	4705' 4741'
				DOUGLAS CREEK MRK BI CARBONATE MRK	4867' 5115'
				B LIMESTONE MRK CASTLE PEAK	5244' 5724'
				BASAL CARBONATE WASATCH	6161' 6283'

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 CalderTitle Regulatory TechnicianSignature Heather CalderDate 10/22/2013

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)

(Form 3160-4, page 2)



NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 36 T8S, R16E
104-1-9-16
Wellbore #1**

Design: Actual

End of Well Report

17 September, 2013





Payzone Directional

End of Well Report



Company: NEWFIELD EXPLORATION Project: USGS Myton SW (UT) Site: SECTION 36 T8S, R16E Well: 104-1-9-16 Wellbore: Wellbore #1 Design: Actual		Local Co-ordinate Reference: Well 104-1-9-16 104-1-9-16 @ 5410.0ft (NDSI SS #1) 104-1-9-16 @ 5410.0ft (NDSI SS #1) True Minimum Curvature EDM 2003.21 Single User Db	
Project USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		System Datum: Mean Sea Level	
Map System: US State Plane 1983 Geo Datum: North American Datum 1983 Map Zone: Utah Central Zone			
Site SECTION 36 T8S, R16E, SEC 26 T8S, R16E			
Site Position: From: Lat/Long 0.0 ft		Northing: 7,202,697.00 ft Easting: 2,045,250.00 ft Slot Radius: "	
Position Uncertainty: 0.0 ft		Latitude: 40° 5' 3.401" N Longitude: 110° 3' 10.915" W Grid Convergence: 0.93°	
Well 104-1-9-16, SHL LAT: 40 04 08.83 LONG: -110 04 27.10			
Well Position +N/-S 0.0 ft +E/-W 0.0 ft		Northing: 7,197,080.92 ft Easting: 2,039,417.64 ft Wellhead Elevation: 5,410.0 ft	
Position Uncertainty 0.0 ft		Latitude: 40° 4' 8.830" N Longitude: 110° 4' 27.100" W Ground Level: 5,400.0 ft	
Wellbore Wellbore #1			
Magnetics Model Name Sample Date		Dip Angle (°) Field Strength (nT)	
IGRF2010 11/8/2012		11.14 65.78 52,144	
Design Actual			
Audit Notes: 1.0		Tie On Depth: 0.0	
Version:		Phase: ACTUAL	
Vertical Section:		Depth From (TVD) (ft) +N/-S (ft) +E/-W (ft) Direction (°)	
0.0		0.0 0.0 193.29	
Survey Program Date 9/17/2013			
From (ft) To (ft)		Survey (Wellbore) Tool Name Description	
344.0 6,343.0		Survey #1 (Wellbore #1) MWD MWD - Standard	



Payzone Directional

End of Well Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 36 T8S, R16E
Well: 104-1-9-16
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well 104-1-9-16
TVD Reference: 104-1-9-16 @ 5410.0ft (NDSI SS #1)
MD Reference: 104-1-9-16 @ 5410.0ft (NDSI SS #1)
North Reference: True
Survey Calculation Method: Minimum Curvature
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
	344.0	0.90	37.20	344.0	-2.5	2.2	1.6	0.26	0.26	0.00
	374.0	1.10	38.50	374.0	-2.9	2.6	2.0	0.67	0.67	4.33
	404.0	1.10	51.80	404.0	-3.4	3.0	2.4	0.85	0.00	44.33
	434.0	1.00	51.90	434.0	-3.9	3.3	2.8	0.33	-0.33	0.33
	464.0	1.00	84.80	464.0	-4.1	3.5	3.3	1.89	0.00	109.67
	494.0	0.80	110.60	494.0	-4.2	3.4	3.7	1.49	-0.67	86.00
	525.0	1.20	120.70	525.0	-4.1	3.2	4.2	1.41	1.29	32.58
	555.0	1.60	127.70	554.9	-3.8	2.8	4.8	1.45	1.33	23.33
	585.0	1.70	144.10	584.9	-3.3	2.2	5.4	1.60	0.33	54.67
	615.0	1.90	147.20	614.9	-2.7	1.4	5.9	0.74	0.67	10.33
	645.0	2.40	151.70	644.9	-1.9	0.4	6.5	1.76	1.67	15.00
	676.0	2.90	147.70	675.9	-0.9	-0.8	7.2	1.72	1.61	-12.90
	707.0	3.50	149.60	706.8	0.4	-2.3	8.1	1.97	1.94	6.13
	737.0	4.00	153.80	736.8	1.8	-4.0	9.0	1.90	1.67	14.00
	767.0	4.70	159.40	766.7	3.7	-6.1	9.9	2.73	2.33	18.67
	798.0	5.00	159.00	797.6	5.8	-8.6	10.9	0.97	0.97	-1.29
	829.0	5.40	164.10	828.4	8.2	-11.2	11.7	1.97	1.29	16.45
	859.0	5.60	165.10	858.3	10.7	-14.0	12.5	0.74	0.67	3.33
	889.0	5.50	165.50	888.2	13.3	-16.8	13.2	0.36	-0.33	1.33
	919.0	5.80	164.10	918.0	15.9	-19.7	14.0	1.10	1.00	-4.67
	949.0	6.00	169.00	947.8	18.7	-22.7	14.7	1.81	0.67	16.33
	980.0	6.50	169.30	978.7	21.7	-26.0	15.4	1.62	1.61	0.97
	1,010.0	7.00	173.80	1,008.5	25.0	-29.5	15.9	2.42	1.67	15.00
	1,040.0	7.30	175.30	1,038.2	28.5	-33.2	16.2	1.18	1.00	5.00
	1,086.0	7.70	177.00	1,083.8	34.3	-39.2	16.6	0.99	0.87	3.70
	1,130.0	8.10	182.20	1,127.4	40.2	-45.2	16.7	1.86	0.91	11.82



Payzone Directional

End of Well Report



Company: NEWFIELD EXPLORATION
Project: USGS Mylon SW (UT)
Site: SECTION 36 T8S, R16E
Well: 104-1-9-16
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well 104-1-9-16
TVD Reference: 104-1-9-16 @ 5410.0ft (NDSI SS #1)
MD Reference: 104-1-9-16 @ 5410.0ft (NDSI SS #1)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey	MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	E/W (ft)	D Leg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
	1,174.0	8.40	185.00	1,171.0	46.4	-51.5	16.3	1.14	0.68	6.36
	1,220.0	8.80	186.00	1,216.4	53.2	-58.3	15.6	0.93	0.87	2.17
	1,264.0	9.10	188.70	1,259.9	60.0	-65.1	14.7	1.17	0.68	6.14
	1,310.0	9.50	188.80	1,305.3	67.4	-72.5	13.6	0.87	0.87	0.22
	1,355.0	9.70	191.10	1,349.7	74.9	-79.9	12.3	0.96	0.44	5.11
	1,401.0	10.00	191.30	1,395.0	82.8	-87.6	10.8	0.66	0.65	0.43
	1,445.0	10.30	193.60	1,438.3	90.5	-95.2	9.1	1.15	0.68	5.23
	1,489.0	10.80	197.20	1,481.6	98.6	-102.9	7.0	1.88	1.14	8.18
	1,535.0	11.30	200.20	1,526.7	107.3	-111.3	4.1	1.66	1.09	6.52
	1,579.0	11.90	201.20	1,569.8	116.1	-119.5	1.0	1.44	1.36	2.27
	1,622.0	12.00	200.00	1,611.9	124.9	-127.9	-2.1	0.62	0.23	-2.79
	1,668.0	12.30	200.20	1,656.8	134.6	-137.0	-5.5	0.66	0.65	0.43
	1,714.0	12.60	199.10	1,701.8	144.4	-146.3	-8.8	0.83	0.65	-2.39
	1,758.0	12.30	199.20	1,744.7	153.8	-155.3	-11.9	0.68	-0.68	0.23
	1,802.0	12.20	198.90	1,787.7	163.1	-164.1	-14.9	0.27	-0.23	-0.68
	1,847.0	12.20	196.90	1,831.7	172.6	-173.1	-17.9	0.94	0.00	-4.44
	1,891.0	12.10	197.10	1,874.7	181.9	-182.0	-20.6	0.25	-0.23	0.45
	1,937.0	11.70	197.10	1,919.7	191.3	-191.1	-23.4	0.87	-0.87	0.00
	1,981.0	11.20	195.50	1,962.9	200.0	-199.4	-25.8	1.35	-1.14	-3.64
	2,027.0	11.50	195.40	2,008.0	209.1	-208.2	-28.2	0.65	0.65	-0.22
	2,070.0	11.70	194.20	2,050.1	217.7	-216.5	-30.4	0.73	0.47	-2.79
	2,116.0	12.00	193.80	2,095.1	227.2	-225.7	-32.7	0.68	0.65	-0.87
	2,160.0	12.10	194.60	2,138.1	236.4	-234.6	-35.0	0.44	0.23	1.82
	2,206.0	12.00	196.60	2,183.1	246.0	-243.8	-37.6	0.93	-0.22	4.35
	2,251.0	12.60	196.70	2,227.1	255.5	-253.0	-40.3	1.33	1.33	0.22
	2,295.0	12.80	193.60	2,270.0	265.2	-262.4	-42.9	1.52	0.45	-6.59
	2,339.0	13.00	192.60	2,312.9	275.0	-271.9	-45.1	0.76	0.45	-2.73



Payzone Directional

End of Well Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 36 T8S, R16E
Well: 104-1-9-16
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well 104-1-9-16
TVD Reference: 104-1-9-16 @ 5410.0ft (NDSI SS #1)
MD Reference: 104-1-9-16 @ 5410.0ft (NDSI SS #1)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey	MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	E/W (ft)	D Leg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
	2,383.0	13.50	192.80	2,355.7	285.1	-281.8	-47.3	1.14	1.14	0.45
	2,427.0	13.70	191.80	2,398.5	295.4	-291.9	-49.5	0.70	0.45	-2.27
	2,471.0	13.90	192.20	2,441.2	305.9	-302.1	-51.7	0.50	0.45	0.91
	2,516.0	14.00	191.60	2,484.9	316.8	-312.8	-53.9	0.39	0.22	-1.33
	2,562.0	13.50	191.10	2,529.6	327.7	-323.5	-56.1	1.12	-1.09	-1.09
	2,606.0	12.90	191.80	2,572.4	337.7	-333.3	-58.1	1.41	-1.36	1.59
	2,652.0	12.70	192.20	2,617.3	347.9	-343.3	-60.2	0.48	-0.43	0.87
	2,696.0	12.20	193.40	2,660.2	357.4	-352.5	-62.3	1.28	-1.14	2.73
	2,740.0	11.80	195.10	2,703.3	366.6	-361.4	-64.5	1.21	-0.91	3.86
	2,783.0	12.00	197.90	2,745.4	375.4	-369.9	-67.1	1.42	0.47	6.51
	2,829.0	12.40	197.60	2,790.3	385.1	-379.2	-70.0	0.88	0.87	-0.65
	2,877.0	12.30	197.70	2,837.2	395.3	-388.9	-73.1	0.21	-0.21	0.21
	2,921.0	12.30	195.70	2,880.2	404.7	-397.9	-75.8	0.97	0.00	-4.55
	2,966.0	12.50	195.30	2,924.1	414.4	-407.2	-78.4	0.48	0.44	-0.89
	3,012.0	13.00	197.80	2,969.0	424.5	-417.0	-81.3	1.62	1.09	5.43
	3,056.0	13.10	197.40	3,011.9	434.4	-426.4	-84.3	0.31	0.23	-0.91
	3,100.0	12.90	196.30	3,054.7	444.3	-435.9	-87.2	0.72	-0.45	-2.50
	3,146.0	13.10	195.70	3,099.6	454.6	-445.9	-90.0	0.52	0.43	-1.30
	3,190.0	13.10	196.40	3,142.4	464.6	-455.4	-92.8	0.36	0.00	1.59
	3,233.0	12.50	194.10	3,184.4	474.1	-464.6	-95.3	1.83	-1.40	-5.35
	3,277.0	12.20	195.10	3,227.3	483.5	-473.7	-97.7	0.84	-0.68	2.27
	3,321.0	12.30	193.60	3,270.3	492.8	-482.8	-100.0	0.76	0.23	-3.41
	3,365.0	12.50	195.00	3,313.3	502.3	-491.9	-102.3	0.82	0.45	3.18
	3,409.0	12.50	194.60	3,356.3	511.8	-501.1	-104.8	0.20	0.00	-0.91
	3,454.0	12.30	193.50	3,400.2	521.5	-510.5	-107.1	0.69	-0.44	-2.44
	3,498.0	12.30	192.40	3,443.2	530.8	-519.6	-109.2	0.53	0.00	-2.50
	3,544.0	12.20	192.50	3,488.2	540.6	-529.2	-111.3	0.22	-0.22	0.22



Payzone Directional

End of Well Report



Company: NEWFIELD EXPLORATION
Project: USGS Mylon SW (UT)
Site: SECTION 36 T8S, R16E
Well: 104-1-9-16
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well 104-1-9-16
TVD Reference: 104-1-9-16 @ 5410.0ft (NDSI SS #1)
MD Reference: 104-1-9-16 @ 5410.0ft (NDSI SS #1)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey	MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	E/W (ft)	D Leg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
	3,590.0	12.30	192.90	3,533.1	550.3	-538.7	-113.5	0.29	0.22	0.87
	3,636.0	12.10	192.90	3,578.1	560.1	-548.2	-115.6	0.43	-0.43	0.00
	3,682.0	12.00	191.50	3,623.1	569.7	-557.6	-117.7	0.67	-0.22	-3.04
	3,727.0	11.70	192.50	3,667.1	578.9	-566.6	-119.6	0.81	-0.67	2.22
	3,772.0	11.50	192.90	3,711.2	588.0	-575.4	-121.6	0.48	-0.44	0.89
	3,817.0	11.10	194.50	3,755.3	596.8	-584.0	-123.6	1.13	-0.89	3.56
	3,862.0	11.30	194.30	3,799.4	605.5	-592.5	-125.8	0.45	0.44	-0.44
	3,906.0	11.50	195.00	3,842.6	614.2	-600.9	-128.0	0.55	0.45	1.59
	3,950.0	11.60	196.40	3,885.7	623.0	-609.4	-130.4	0.68	0.23	3.18
	3,994.0	11.50	196.50	3,928.8	631.8	-617.8	-132.9	0.23	-0.23	0.23
	4,040.0	11.60	197.10	3,973.9	641.0	-626.6	-135.6	0.34	0.22	1.30
	4,084.0	12.10	198.00	4,016.9	650.0	-635.2	-138.3	1.21	1.14	2.05
	4,129.0	12.70	196.80	4,060.9	659.6	-644.5	-141.2	1.45	1.33	-2.67
	4,175.0	12.30	197.60	4,105.8	669.6	-654.0	-144.1	0.95	-0.87	1.74
	4,221.0	12.00	195.60	4,150.8	679.2	-663.2	-146.9	1.12	-0.65	-4.35
	4,265.0	11.70	196.50	4,193.8	688.3	-671.9	-149.4	0.80	-0.68	2.05
	4,309.0	11.40	195.30	4,236.9	697.1	-680.4	-151.8	0.87	-0.68	-2.73
	4,353.0	11.30	196.60	4,280.1	705.7	-688.7	-154.2	0.62	-0.23	2.95
	4,399.0	11.40	194.70	4,325.2	714.8	-697.4	-156.6	0.84	0.22	-4.13
	4,444.0	11.40	194.60	4,369.3	723.7	-706.0	-158.9	0.04	0.00	-0.22
	4,488.0	11.20	195.50	4,412.4	732.3	-714.4	-161.1	0.61	-0.45	2.05
	4,534.0	10.90	194.00	4,457.6	741.1	-722.9	-163.4	0.90	-0.65	-3.26
	4,578.0	10.90	192.60	4,500.8	749.4	-731.0	-165.3	0.60	0.00	-3.18
	4,624.0	11.10	193.70	4,545.9	758.2	-739.5	-167.3	0.63	0.43	2.39
	4,667.0	10.80	195.70	4,588.2	766.3	-747.4	-169.3	1.13	-0.70	4.65
	4,713.0	10.60	194.70	4,633.4	774.9	-755.7	-171.6	0.59	-0.43	-2.17
	4,757.0	10.90	196.20	4,676.6	783.1	-763.6	-173.8	0.93	0.68	3.41



Payzone Directional

End of Well Report



Company: NEWFIELD EXPLORATION
Project: USGS Mylon SW (UT)
Site: SECTION 36 T8S, R16E
Well: 104-1-9-16
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well 104-1-9-16
TVD Reference: 104-1-9-16 @ 5410.0ft (NDSI SS #1)
MD Reference: 104-1-9-16 @ 5410.0ft (NDSI SS #1)
North Reference: True
Survey Calculation Method: Minimum Curvature
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)
	4,801.0	11.40	196.50	4,719.8	791.6	-771.7	-176.2	1.14	1.14	0.68
	4,845.0	11.40	197.30	4,762.9	800.3	-780.1	-178.7	0.36	0.00	1.82
	4,890.0	11.30	196.10	4,807.0	809.1	-788.6	-181.2	0.57	-0.22	-2.67
	4,936.0	11.60	194.90	4,852.1	818.2	-797.4	-183.7	0.83	0.65	-2.61
	4,980.0	11.80	196.30	4,895.2	827.1	-805.9	-186.1	0.79	0.45	3.18
	5,026.0	11.70	195.20	4,940.2	836.5	-815.0	-188.6	0.53	-0.22	-2.39
	5,071.0	11.90	194.10	4,984.3	845.7	-823.9	-190.9	0.67	0.44	-2.44
	5,117.0	11.90	192.60	5,029.3	855.2	-833.1	-193.1	0.67	0.00	-3.26
	5,129.2	11.82	193.02	5,041.2	857.7	-835.5	-193.7	0.96	-0.66	3.41
104-1-9-16 TGT										
	5,163.0	11.60	194.20	5,074.3	864.5	-842.2	-195.3	0.96	-0.65	3.50
	5,209.0	11.60	195.80	5,119.4	873.8	-851.1	-197.7	0.70	0.00	3.48
	5,255.0	11.80	195.50	5,164.4	883.1	-860.1	-200.2	0.45	0.43	-0.65
	5,300.0	11.80	195.90	5,208.5	892.3	-869.0	-202.7	0.18	0.00	0.89
	5,344.0	11.60	195.60	5,251.5	901.2	-877.6	-205.1	0.48	-0.45	-0.68
	5,390.0	11.90	195.10	5,296.6	910.6	-886.6	-207.6	0.69	0.65	-1.09
	5,434.0	12.40	193.60	5,339.6	919.8	-895.6	-209.9	1.34	1.14	-3.41
	5,478.0	12.80	192.70	5,382.5	929.4	-904.9	-212.1	1.01	0.91	-2.05
	5,524.0	12.50	194.00	5,427.4	939.5	-914.7	-214.4	0.90	-0.65	2.83
	5,568.0	11.90	194.50	5,470.4	948.8	-923.7	-216.7	1.38	-1.36	1.14
	5,611.0	11.50	191.70	5,512.5	957.5	-932.2	-218.7	1.61	-0.93	-6.51
	5,657.0	10.90	191.00	5,557.7	966.5	-941.0	-220.4	1.34	-1.30	-1.52
	5,703.0	11.00	192.20	5,602.8	975.2	-949.5	-222.2	0.54	0.22	2.61
	5,747.0	10.90	193.40	5,646.0	983.5	-957.7	-224.0	0.57	-0.23	2.73
	5,793.0	11.10	196.40	5,691.2	992.3	-966.2	-226.3	1.32	0.43	6.52
	5,836.0	10.90	196.40	5,733.4	1,000.5	-974.0	-228.6	0.47	-0.47	0.00
	5,882.0	10.90	196.90	5,778.6	1,009.2	-982.4	-231.1	0.21	0.00	1.09



Payzone Directional

End of Well Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 36 T8S, R16E
Well: 104-1-9-16
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well 104-1-9-16
TVD Reference: 104-1-9-16 @ 5410.0ft (NDSI SS #1)
MD Reference: 104-1-9-16 @ 5410.0ft (NDSI SS #1)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey	MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	E/W (ft)	D Leg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
	5,926.0	11.10	195.20	5,821.7	1,017.6	-990.4	-233.4	0.87	0.45	-3.86
	5,972.0	11.70	194.90	5,866.8	1,026.7	-999.2	-235.8	1.31	1.30	-0.65
	6,018.0	11.70	192.70	5,911.9	1,036.0	-1,008.3	-238.0	0.97	0.00	-4.78
	6,063.0	12.10	192.00	5,955.9	1,045.3	-1,017.3	-240.0	0.94	0.89	-1.56
	6,107.0	11.80	189.10	5,999.0	1,054.4	-1,026.3	-241.7	1.53	-0.68	-6.59
	6,151.0	11.30	190.80	6,042.1	1,063.2	-1,035.0	-243.2	1.37	-1.14	3.86
	6,195.0	10.90	194.60	6,085.2	1,071.6	-1,043.2	-245.0	1.89	-0.91	8.64
	6,241.0	11.10	195.00	6,130.4	1,080.4	-1,051.7	-247.4	0.73	0.43	3.04
	6,285.0	11.20	195.40	6,173.6	1,088.9	-1,059.9	-249.7	0.29	0.23	0.91
	6,343.0	11.20	195.40	6,230.5	1,100.1	-1,070.7	-252.9	0.00	0.00	0.00

Checked By: _____

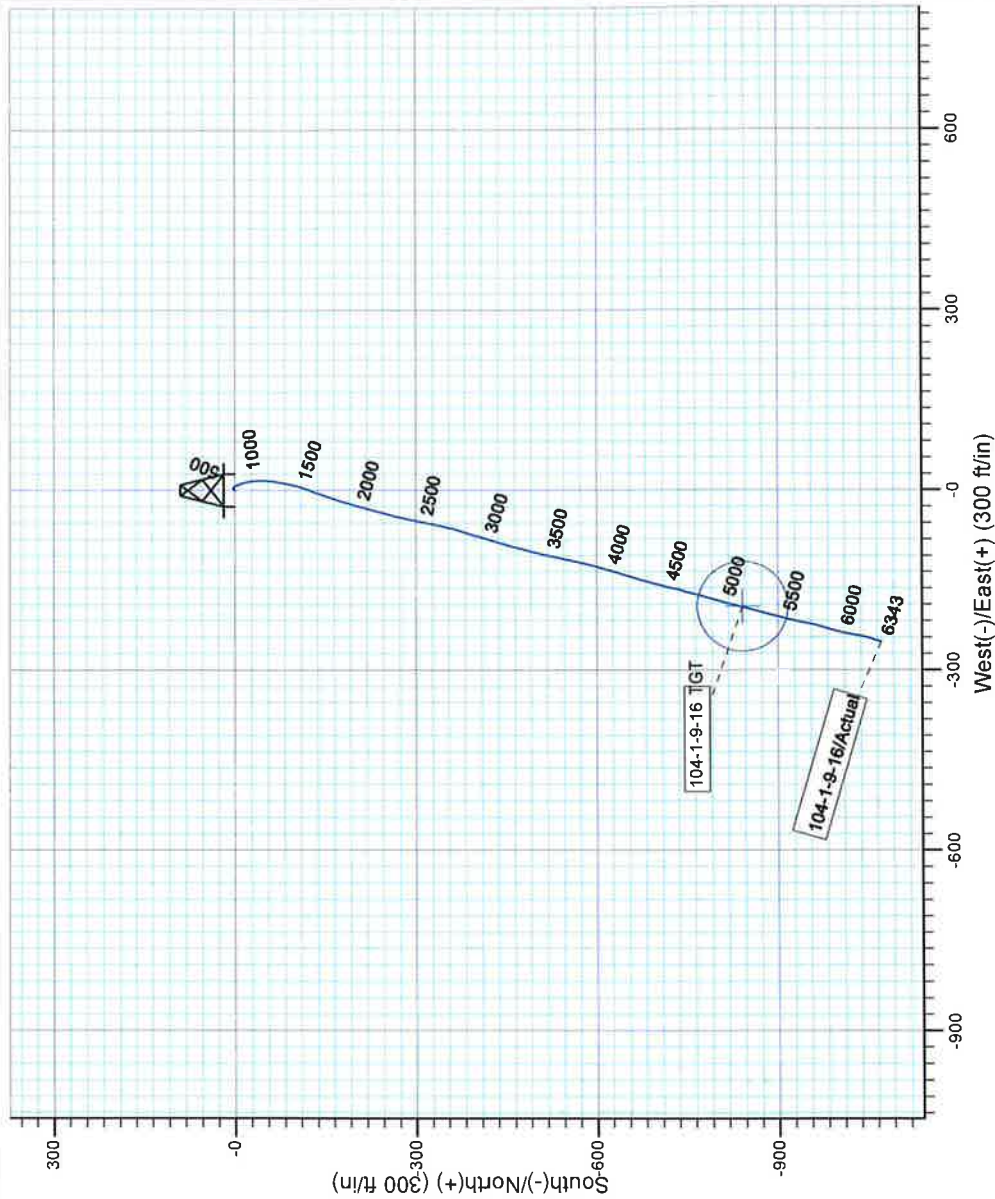
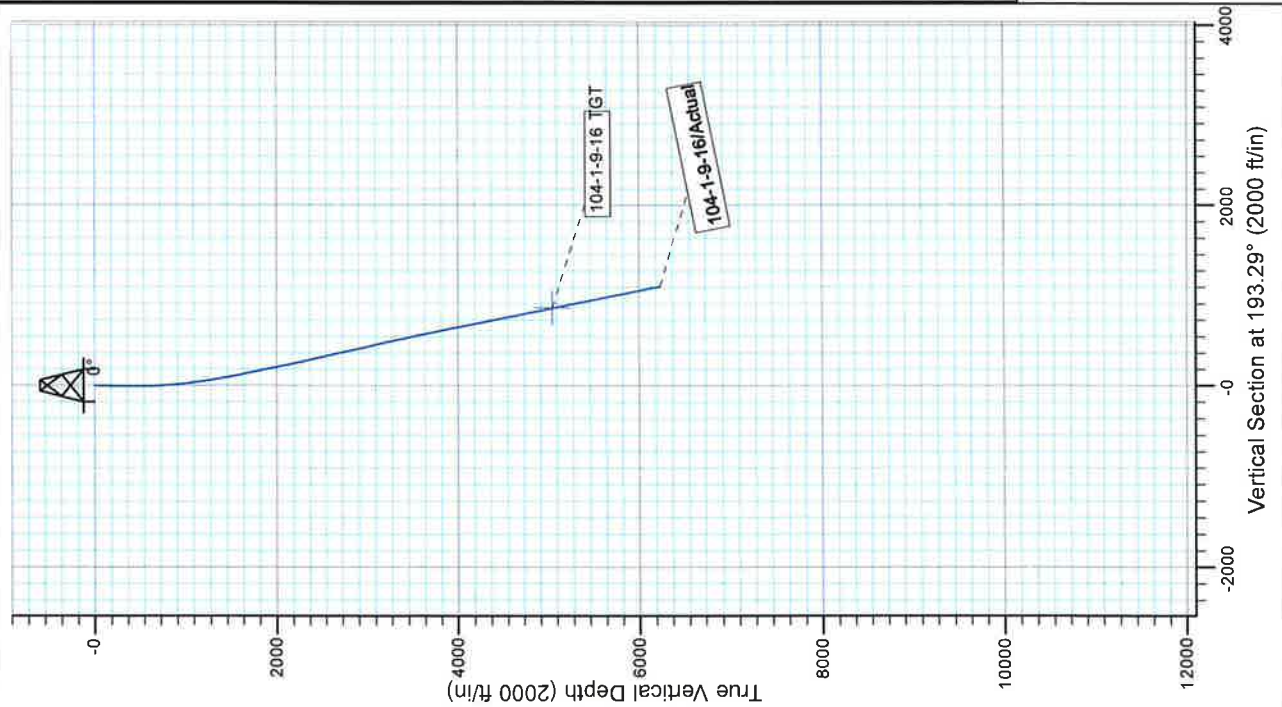
Approved By: _____

Date: _____



Project: USGS Myton SW (UT)
Site: SECTION 36 T8S, R16E
Well: 104-1-9-16
Wellbore: Wellbore #1
Design: Actual

Compass rose showing True North (T) and Magnetic North (M).
Azimuths to True North
Magnetic North: 11.14°
Magnetic Field
Strength: 52144.4snT
Dip Angle: 65.78°
Date: 11/8/2012
Model: IGRF2010



Design: Actual (104-1-9-16/Wellbore #1)

Created By: Sarah Webb

Date:

11:59, September 17 2012

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

NEWFIELD



Well Name: GMBU 104-1-9-16

Summary Rig Activity

Job Category	Job Start Date		Job End Date	
Daily Operations				
Report Start Date	Report End Date	24hr Activity Summary		
9/23/2013	9/24/2013	RU BOP's, CBL/Perf 1st stg.		
Start Time	End Time	End Time		
	00:00	07:00		
Start Time	End Time	End Time		
	07:00	09:00		
Start Time	End Time	End Time		
	09:00	11:00		
Start Time	End Time	End Time		
	11:00	13:00		
Start Time	End Time	End Time		
	13:00	15:00		
Start Time	End Time	End Time		
	15:00	00:00		
Report Start Date	Report End Date	24hr Activity Summary		
9/24/2013	9/25/2013	Frac well, Flow well back.		
Start Time	End Time	End Time		
	00:00	06:00		
Start Time	End Time	End Time		
	06:00	10:00		
Start Time	End Time	End Time		
	10:00	10:30		
Start Time	End Time	End Time		
	10:30	11:00		
Start Time	End Time	End Time		
	11:00	11:30		
Start Time	End Time	End Time		
	11:30	12:00		



Well Name: GMBU 104-1-9-16

Summary Rig Activity

Start Time	End Time	Comment
12:00	12:30	Stage #3; A3 sds. Test lines to 4600 psi. Open well w/ 1288 psi on casing. Broke @ 1926 psi back to 1680 psi. Treated @ ave pressure of 3068 @ ave rate of 29 bpm w/ 249 bbls of Delta 140 17# frac fluid in 7% KCL wtr. Treated w/ 10,000# of 20/40 white sand @ 5 ppa. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1696 w/ .76FG. 5 min was 1603. 10 min was 1574. 15 min was 1557. Leave pressure on well. 1369 Bbls EWTR.
12:30	13:00	RU WLT, crane & lubricator. RIH w/ 3-1/8" disposable perf guns (16 gram, .34"EH, 120° 21" pen) 3 spf. Set CTFP @ 4700'. Perforate PB10 sds @ 4626-28', 4620-22' w/ tti of 12 shots.
13:00	13:30	Stage #4; PB10 sds. Test lines to 4600 psi. Open well w/ 1288 psi on casing. Broke @ 1946 psi back to 1680 psi. Treated @ ave pressure of 2946 @ ave rate of 26 bpm w/ 297 bbls of Delta 140 17# frac fluid in 7% KCL wtr. Treated w/ 20,000# of 20/40 white sand @ 5 ppa. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1947 w/ .87FG. 5 min was 1818. 10 min was 1754. 15 min was 1703. Leave pressure on well. 1669 Bbls EWTR.
13:30	14:00	RU WLT, crane & lubricator. RIH w/ 3-1/8" disposable perf guns (16 gram, .34"EH, 180° 21" pen) 2 spf. Set CTFP @ 4520'. Perforate GB6 sds @ 4444-46', 4421-22', 4415-16', GB4 sds @ 4376-78' w/ tti of 12 shots.
14:00	14:30	Stage #5; GB6 & GB4 sds. Test lines to 4600 psi. Open well w/ 1610 psi on casing. Broke @ 4200 psi back to 2400 psi. Treated @ ave pressure of 2902 @ ave rate of 29 bpm w/ 481 bbls of Delta 140 17# frac fluid in 7% KCL wtr. Treated w/ 43,320# of 20/40 white sand @ 6 ppa. ISIP was 2185 w/ .95FG. 5 min was 1867. 10 min was 1746. 15 min was 1684. Leave pressure on well. 2152 Bbls EWTR.
14:30	16:30	RD HES frac crew. Open well on 26/64 choke. Flow back @ 3 bpm for 1-1/2 hours. Well died w/ 170 bbls rec'd. SIFN w/ 1976 bbls EWTR.
16:30	00:00	
Report Start Date 9/25/2013	Report End Date 9/26/2013	24hr Activity Summary RU BOP's. Test BOP's. MIRUSU. TIH w/ tbg
00:00	06:30	Comment
06:30	08:00	Open well w/ 150 psi on casing. RU WLT, crane & lubricator. Test lubricator. RIH w/ CTFP. Set plug @ 4320'. RD WLT.
08:00	09:00	RD frac valve. RU Cameron 5K w/ double set 2-7/8" pipe rams & double 2-1/16 side port valves.
09:00	11:00	RU 4G testers & dead head unit. test to 5000 psi for 5 min. Test voids on BOP's to 2000 psi for 5 min. Test all valves & pipe rams to 250 low for 5 min. 5000 psi high for 10 min. Had trouble w/ flange test. Pull pup joint & hanger.
11:00	13:00	MIRUSU. Nabors #1406. Unload tbg. Tally, drift new 2 7/8", J-55, 8EUE, 6.5# tbg.
13:00	15:00	PU, TIH w/ 4 3/4" concave mill. X/O sub 1 jt tbg, SN, 139 jts. Tag plug @ 4320'. RU swivel, pump & tanks.
15:00	18:30	Drilling out kill plug in 20 min. PU & TIH w/ tbg to tag 30' of sand on plug #1 @ 4520'. drlg out plug in 30 min. TIH w/ tbg to tag #2 plug @ 4700'. Drlg out plug in 35 min. Circulate well clean.
18:30	00:00	
Report Start Date 9/26/2013	Report End Date 9/27/2013	24hr Activity Summary Continue PU tbg & TIH drlg plugs. C/O to PBTD. TIH w/ production tbg.

NEWFIELD



Well Name: GMBU 104-1-9-16

Summary Rig Activity

Start Time	00:00	End Time	07:00	Comment
Start Time	07:00	End Time	12:00	Comment Open well w/ 150 psi on casing. Bleed off to tank. Rec'd 4 bbls (w/ trace of oil). Continue PU & TIH w/ tbg. Tag plug #3 @ 5538'. Drig out plug in 25 min. TIH w/ tbg to tag plug #4 @ 5794'. Drig out plug in 25 min. TIH w/ tbg to tag fill @ 6213'. C/O to PBTD @ 6288'. Circulate well clean w/ 160 bbls.
Start Time	12:00	End Time	17:00	Comment TOOH w/ tbg. LD mill & X/O sub. TIH w/ purge valve, 2 jts tbg, desander, 4' x 2 7/8" pup jt, 1 jt tbg, SN, 1 jt tbg, TA (new Nation) w/ 45,000# shear, 193 jts tbg.
Start Time	17:00	End Time	19:00	Comment RD BOP's. Set TA @ 6052' w/ 18,000#'s tension w/ SN @ 6086' & EOT @ 6204'. SIFN w/ 1930 bbls EWTR.
Start Time	19:00	End Time	00:00	Comment
Report Start Date 9/27/2013	Report End Date 9/28/2013	24hr Activity Summary PU rods, RDMOSU. Turn well over to construction.		
Start Time	00:00	End Time	07:00	Comment
Start Time	07:00	End Time	08:00	Comment Open well w/ 450 psi on casing. Flowback well, Rec'd 30 bbls of fluid w/ trace of oil.
Start Time	08:00	End Time	11:00	Comment Pickup & prime pump (National 2-1/2" x 1-3/4" x 20' x 23' x 24' new RHAC w/ 210"SL. TIH w/ 30- 7/8" 8per rods, 136- 3/4" 4per rods, 76- 7/8" 4per rods, 1-1/2" x 30' spray metal polish rod, 2' x 7/8" pony rod. Space out pump.
Start Time	11:00	End Time	12:00	Comment RDMOSU. Drain all tanks. Remove all equipment from location. Lock/out tag/out wellhead. Turn over to Construction.
Start Time	12:00	End Time	00:00	Comment

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

Effective Date: 1/24/2020

FORMER OPERATOR:	NEW OPERATOR:
Newfield Production Company	Ovintiv Production, Inc.
Groups:	
Greater Monument Butte	

WELL INFORMATION:

Well Name	API Number	Town	Dir	Range	Dir	Sec	Entity Number	Type	Status
See Attached List									

Total Well Count: 4704

OPERATOR CHANGES DOCUMENTATION:

1. Sundry or legal documentation was received from the **FORMER** operator on:
2. Sundry or legal documentation was received from the **NEW** operator on:
3. New operator Division of Corporations Business Number:

3/16/2020

3/16/2020

755627-0143

REVIEW:

Receipt of Acceptance of Drilling Procedures for APD on:

Reports current for Production/Disposition & Sundries:

OPS/SI/TA well(s) reviewed for full cost bonding: Approved by Dustin

UIC5 on all disposal/injection/storage well(s) Approved on: Approved by Dayne

Surface Facility(s) included in operator change:

9/2/2020

1/14/2021

12/21/2020

3/25/2020

State 11-32 Pipeline
Monument Butte St 10-36
GB Fed 13-20-8-17
Canvasback Fed 1-22-8-17
Ashley Fed 8-14-9-15 Pipeline
West Lateral 4C Slug Catcher (2-5-3-3)
West Lateral Phase 5 Slug Catcher
Bar F Slug Catcher
Dart Slug Catcher
Mullins Slug Catcher
Temporary Produced Water Conditioning Site
Dart Temporary Produced Water Facility
Earl Temporary Water Treatment Facility

NEW OPERATOR BOND VERIFICATION:

State/fee well(s) covered by Bond Number(s):

B001834.A

107238142-Shut-In Bond

DATA ENTRY:

Well(s) update in the RBDMS on:

1/14/2021

Group(s) update in RDBMS on:

1/14/2021

Surface Facilities update in RBDMS on:

1/14/2021

Entities Updated in RBDMS on:

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER:

see attached list

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

see attached

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

see attached

9. API NUMBER:

attached

10. FIELD AND POOL, OR WILDCAT:

attached

1. TYPE OF WELL:

OIL WELL ☐

GAS WELL ☐

OTHER _____

2. NAME OF OPERATOR:

Newfield Production Company

3. ADDRESS OF OPERATOR:

4 Waterway Square Place St. CITY The Woodlands

STATE TX

ZIP 77380

PHONE NUMBER:

(435) 646-4936

4. LOCATION OF WELL:

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

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

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

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

This sundry is serve as notification of the formal corporate name change of Newfield Production Company to Orintiv Production Inc. Attached is a list of all wells wells that will be operated under Orintiv Production Inc effective January 24, 2020.

PREVIOUS NAME:

Newfield Producon Company
4 Waterway Square Place Suite 100
The Woodlands, TX 77380
(435)646-4825

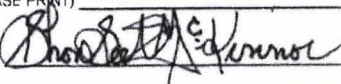
NEW NAME:

Orintiv Production Inc.
4 Waterway Square Place Suite 100
The Woodlands, TX 77380
(435)646-4825

NAME (PLEASE PRINT) Shon McKinnon

TITLE Regulatory Manager, Rockies

SIGNATURE



DATE 3/16/2020

(This space for State use only)

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER:

see attached list

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

see attached

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

see attached

9. API NUMBER:

attached

10. FIELD AND POOL, OR WILDCAT:

attached

1. TYPE OF WELL:

OIL WELL ☐

GAS WELL ☐

OTHER _____

2. NAME OF OPERATOR:

Newfield Production Company

3. ADDRESS OF OPERATOR:

4 Waterway Square Place St. CITY The Woodlands

STATE TX

ZIP 77380

PHONE NUMBER:

(435) 646-4936

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

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

TYPE OF SUBMISSION

TYPE OF ACTION



NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will start:



SUBSEQUENT REPORT
(Submit Original Form Only)

Date of work completion:



ACIDIZE



ALTER CASING



CASING REPAIR



CHANGE TO PREVIOUS PLANS



CHANGE TUBING



CHANGE WELL NAME



CHANGE WELL STATUS



COMMINGLE PRODUCING FORMATIONS



CONVERT WELL TYPE



DEEPEN



FRACTURE TREAT



NEW CONSTRUCTION



OPERATOR CHANGE



PLUG AND ABANDON



PLUG BACK



PRODUCTION (START/RESUME)



RECLAMATION OF WELL SITE



RECOMPLETE - DIFFERENT FORMATION



REPERFORATE CURRENT FORMATION



SIDETRACK TO REPAIR WELL



TEMPORARILY ABANDON



TUBING REPAIR



VENT OR FLARE



WATER DISPOSAL



WATER SHUT-OFF



OTHER: _____

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

This sundry is serve as notification of the formal corporate name change of Newfield Production Company to Ovintiv Production Inc. Attached is a list of all wells wells that will be operated under Ovintiv Production Inc effective January 24, 2020.

PREVIOUS NAME:

Newfield Production Company
4 Waterway Square Place Suite 100
The Woodlands, TX 77380
(435)646-4825

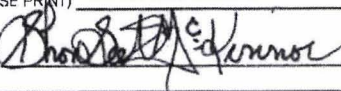
NEW NAME:

Ovintiv Production Inc.
4 Waterway Square Place Suite 100
The Woodlands, TX 77380
(435)646-4825

NAME (PLEASE PRINT) Shon McKinnon

TITLE Regulatory Manager, Rockies

SIGNATURE



DATE

3/16/2020

(This space for State use only)

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

Effective Date: 7/1/2021

FORMER OPERATOR:	NEW OPERATOR:
Ovintiv Production, Inc.	Ovintiv USA, Inc.
Groups: Greater Monument Butte	

WELL INFORMATION:

Well Name	API Number	Town	Dir	Range	Dir	Sec	Entity Number	Type	Status
See Attached List									

Total Well Count: 4689

Pre-Notice Completed: 9/22/2021

OPERATOR CHANGES DOCUMENTATION:

1. Sundry or legal documentation was received from the **FORMER** operator on:
2. Sundry or legal documentation was received from the **NEW** operator on:
3. New operator Division of Corporations Business Number:

9/15/2021

9/15/2021

5053175-0143

REVIEW:

Receipt of Acceptance of Drilling Procedures for APD on:

Reports current for Production/Disposition & Sundries:

OPS/SI/TA well(s) reviewed for full cost bonding: Approved by Dustin

UIC5 on all disposal/injection/storage well(s) Approved on: Approved by Dayne

Surface Facility(s) included in operator change:

9/15/2021

9/22/2021

10/25/2021

10/4/2021

Monument Butte Liq. Cond.
Pleasant Valley (New)
West Lateral 4C Slug Catcher (2-5-3-3)
West Lateral Phase 5 Slug Catcher
Bar F Slug Catcher
Dart Slug Catcher
Mullins Slug Catcher
Ashley
Sundance
Ranch
Pleasant Valley
Monument Butte
Ashley Fed 8-14-9-15 Pipeline
Ute Tribal 4-13-4-2W Pipeline
State 11-32 Pipeline
Monument Butte St 10-36
GB Fed 13-20-8-17
Canvasback Fed 1-22-8-17

NEW OPERATOR BOND VERIFICATION:

State/fee well(s) covered by Bond Number(s):

B001834-B
107238142A

DATA ENTRY:

Well(s) update in the RBDMS on:

Group(s) update in RDBMS on:

Surface Facilities update in RBDMS on:

Entities Updated in RBDMS on:

11/24/2021

11/21/2021

11/24/2021

11/24/2021

COMMENTS:

9/22/2021, Since the Newfield to Ovintiv operator change was processed at the beginning of 2021, Name change will only need to match the existing bonds in place under Ovintiv Production, Inc; no additional bond will be required at this time.

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
See attached list

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER _____

2. NAME OF OPERATOR:
Ovintiv Production, Inc.

3. ADDRESS OF OPERATOR:
4 Waterway SQ PL STE 100 CITY The Woodlands STATE TX ZIP 77380

PHONE NUMBER:
(281) 210-5100

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

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

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

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

This sundry is to serve as notification that Ovintiv Production Inc. merged into Ovintiv USA Inc. Attached is a list of all wells that will be operated under Ovintiv USA Inc. effect July 1, 2021.

PREVIOUS NAME:
Ovintiv Production Inc.
4 Waterway Square Place Suite 100
The Woodlands, TX 77380
(281) 210-5100

NEW NAME:
Ovintiv USA Inc.
4 Waterway Square Place Suite 100
The Woodlands, TX 77380
(281) 210-5100

NAME (PLEASE PRINT) Julia Carter

TITLE Manager, US Regulatory Operations

SIGNATURE

Julia M Carter

DATE 9/8/2021

(This space for State use only)

APPROVED

By Utah Division of
Oil, Gas, and Mining

Rachel Medina

Effective Date: 9/1/2022

FORMER OPERATOR:	NEW OPERATOR:
Ovintiv USA, Inc.	Scout Energy Management, LLC
Groups:	

WELL INFORMATION:

Well Name	API Number	Town	Dir	Range	Dir	Sec	Entity Number	Type	Status
See Attached List									

Total Well Count: 2888

Pre-Notice Completed: 10/19/2022

OPERATOR CHANGES DOCUMENTATION:

- Sundry or legal documentation was received from the **FORMER** operator on: 9/26/2022
- Sundry or legal documentation was received from the **NEW** operator on: 9/26/2022
- New operator Division of Corporations Business Number: 12607016-0161

REVIEW:

- Receipt of Acceptance of Drilling Procedures for APD on: 11/15/2022
- Reports current for Production/Disposition & Sundries: 10/19/2022
- OPS/SI/TA well(s) reviewed for full cost bonding: Approved by Dustin 10/11/2022
- UIC5 on all disposal/injection/storage well(s) Approved on: Approved by Orlan 12/15/2022
- Surface Facility(s) included in operator change: 10/19/2022

NEW OPERATOR BOND VERIFICATION:

- State/fee well(s) covered by Bond Number(s): 612402641-Blanket Bond
612402460-Full-Cost Shut-In Bond

DATA ENTRY:

- Well(s) update in the RBDMS on: 12/20/2022 and 1/25/2023
- Group(s) update in RDBMS on: 12/20/2022
- Surface Facilities update in RBDMS on: NA
- Entities Updated in RBDMS on: 1/25/2023

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: See attached Exhibit A
2. NAME OF OPERATOR: Scout Energy Management, LLC	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: None - N/A
3. ADDRESS OF OPERATOR: 13800 Montfort Road, Suite 1 CITY Dallas STATE TX ZIP 75240	7. UNIT or CA AGREEMENT NAME: Greater Monument Butte Unit
PHONE NUMBER: (972) 325-1096	8. WELL NAME and NUMBER: See attached Exhibit A
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached Exhibit A	9. API NUMBER: Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	10. FIELD AND POOL, OR WILDCAT: See attached Exhibit A
	COUNTY:
	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 9/1/2022	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input checked="" type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:			

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

Please consider this sundry as notification of the transfer of operatorship of the wells listed on the attached exhibit from Orintiv USA Inc. to Scout Energy Management, LLC effective September 1, 2022.

PREVIOUS OPERATOR:

Orintiv USA Inc.
4 Waterway Square Place, Suite 100
The Woodlands, Texas 77380

Signature - Christian C. Sizemore
Director, Rockies and Land Innovation
State/Fee Bond #105189977
BLM Bond #105073466

NEW OPERATOR:

Scout Energy Management, LLC
13800 Montfort Road, Suite 100
Dallas, TX 75240

Signature - Todd Flott
Managing Director
State/Fee Bond #612402460 / #61242461
BLM Bond #612402462

NAME (PLEASE PRINT) Todd Flott

TITLE Managing Director

SIGNATURE

DATE

8/31/2022

(This space for State use only)

APPROVED

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



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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 9/1/2022

CURRENT OPERATOR

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

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

NEW OPERATOR

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

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

(This space for State use only)

[Signature]

☐ EPA approval required

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