

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

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER GMBU P-2-9-17				
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) ML-45555			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" 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		2202 FSL 588 FWL		NWSW	2	9.0 S	17.0 E	S		
Top of Uppermost Producing Zone		1644 FSL 314 FWL		NWSW	2	9.0 S	17.0 E	S		
At Total Depth		1180 FSL 65 FWL		SWSW	2	9.0 S	17.0 E	S		
21. COUNTY DUCHESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 65			23. NUMBER OF ACRES IN DRILLING UNIT 20				
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1389			26. PROPOSED DEPTH MD: 5943 TVD: 5810				
27. ELEVATION - GROUND LEVEL 5080			28. BOND NUMBER B001834			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478				
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	12.25	8.625	0 - 300	24.0	J-55 ST&C	8.3	Class G	138	1.17	15.8
Prod	7.875	5.5	0 - 5943	15.5	J-55 LT&C	8.3	Premium Lite High Strength	272	3.26	11.0
							50/50 Poz	363	1.24	14.3
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<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 05/30/2012				EMAIL mcrozier@newfield.com		
API NUMBER ASSIGNED 43013514560000				APPROVAL  Permit Manager						

NEWFIELD PRODUCTION COMPANY
GMBU P-2-9-17
AT SURFACE: NW/SW SECTION 2, T9S, R17E
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' – 1350'
Green River	1350'
Wasatch	6070'
Proposed TD	5943'

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

Green River Formation (Oil) 1350' – 6070'

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 P-2-9-17**

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	300'	24.0	J-55	STC	2,950 17.53	1,370 14.35	244,000 33.89
Prod casing 5-1/2"	0'	5,943'	15.5	J-55	LTC	4,810 2.54	4,040 2.14	217,000 2.36

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 P-2-9-17**

Job	Fill	Description	Sacks	OH Excess*	Weight (ppg)	Yield (ft ³ /sk)
			ft ³			
Surface casing	300'	Class G w/ 2% CaCl	138	30%	15.8	1.17
			161			
Prod casing Lead	3,943'	Prem Lite II w/ 10% gel + 3% KCl	272 888	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.

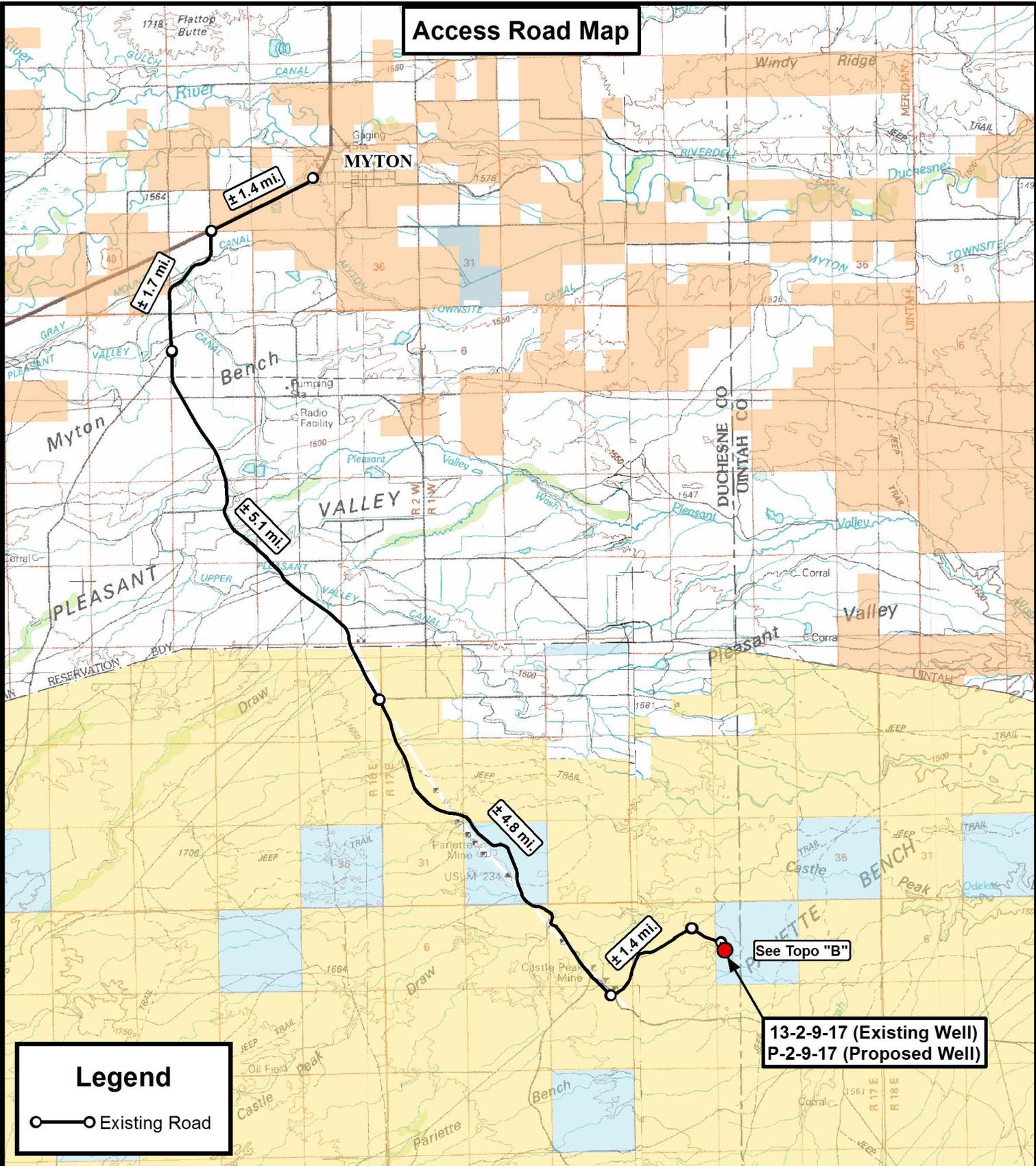
9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

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 fourth quarter of 2012, and take approximately seven (7) days from spud to rig release.

Access Road Map



Legend

○—○ Existing Road

See Topo "B"

13-2-9-17 (Existing Well)
P-2-9-17 (Proposed Well)

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

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



NEWFIELD EXPLORATION COMPANY

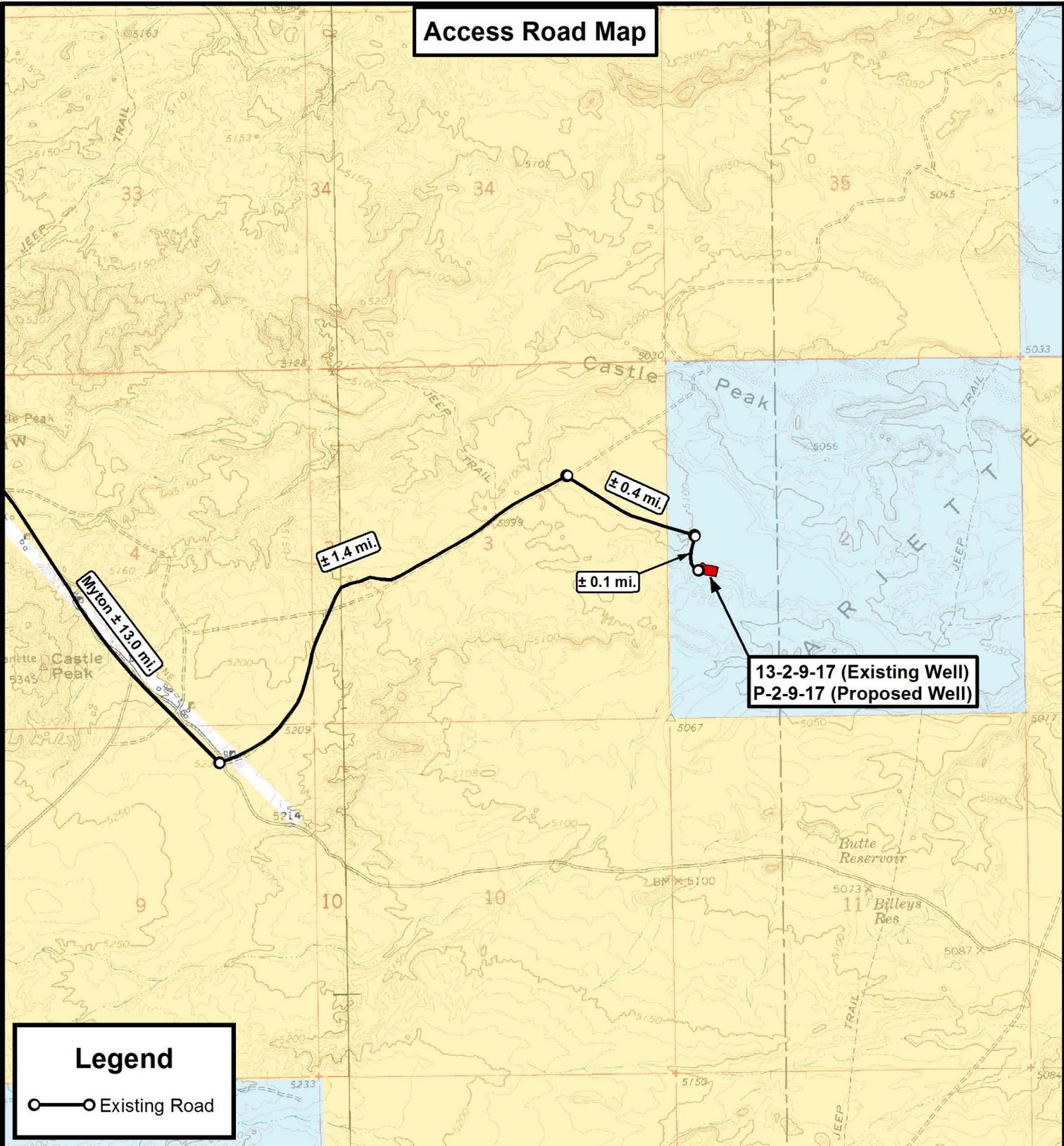
13-2-9-17 (Existing Well)
P-2-9-17 (Proposed Well)
SEC. 2, T9S, R17E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	VERSION:
DATE:	02-14-2012		V1
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET
A

Access Road Map



Legend

○—○ Existing Road

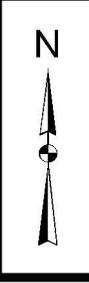
THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



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DATE: 02-14-2012		V1
SCALE: 1" = 2,000'		



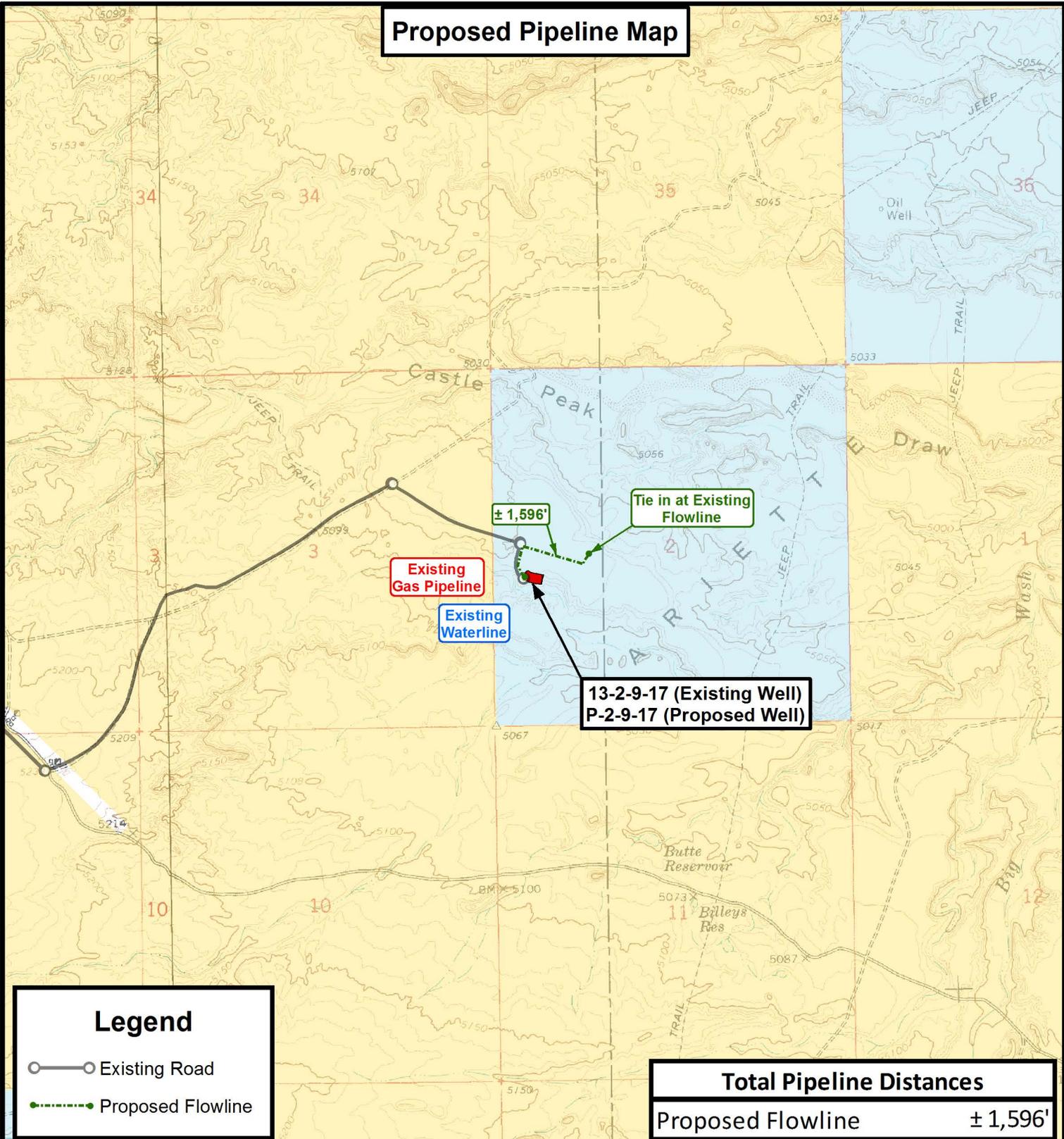
NEWFIELD EXPLORATION COMPANY

13-2-9-17 (Existing Well)
P-2-9-17 (Proposed Well)
SEC. 2, T9S, R17E, S.L.B.&M.
Duchesne County, UT.

TOPOGRAPHIC MAP

SHEET **B**

Proposed Pipeline Map



Legend

- Existing Road
- Proposed Flowline

Total Pipeline Distances	
Proposed Flowline	± 1,596'

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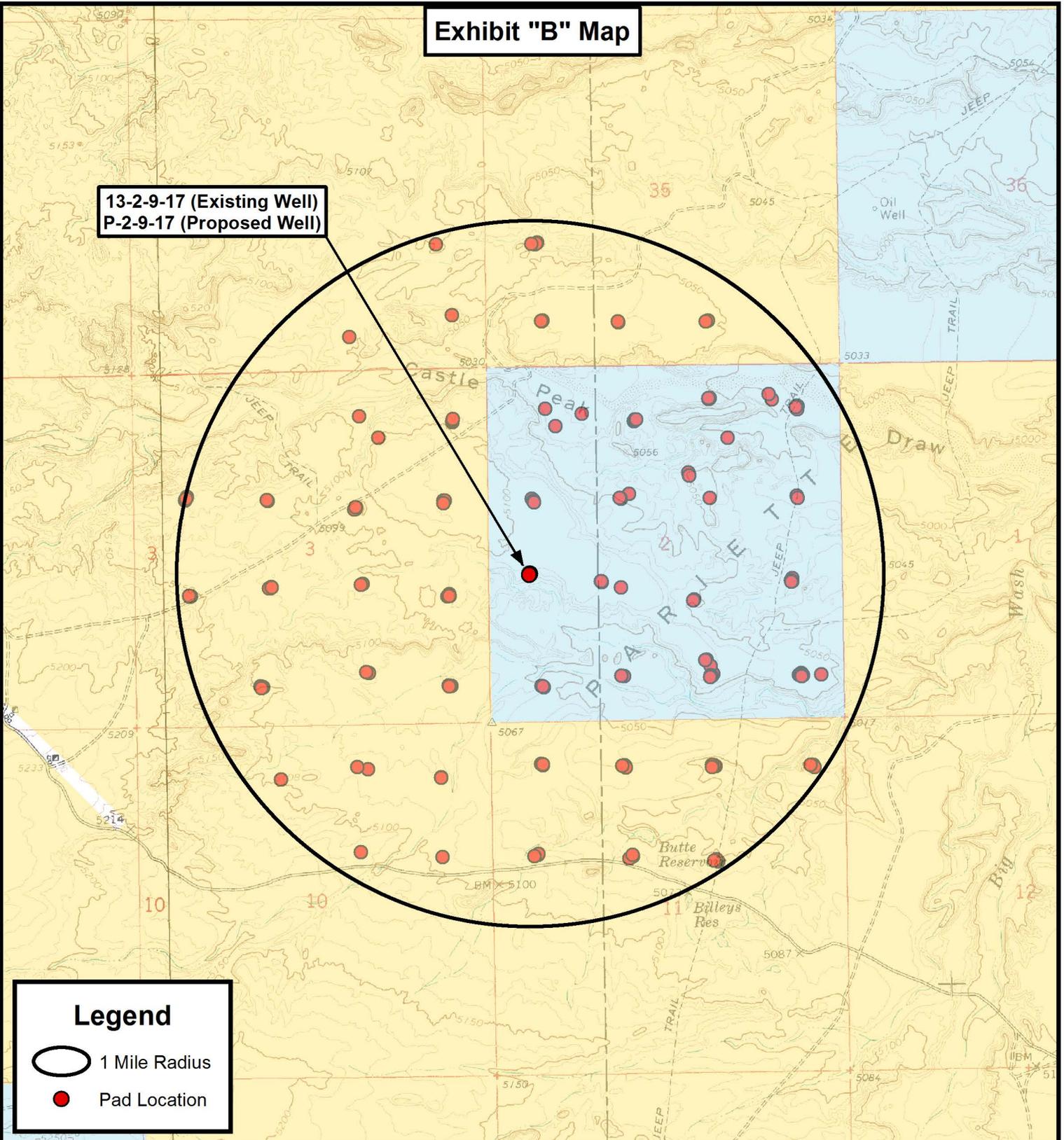
DRAWN BY:	D.C.R.	REVISED:	VERSION:
DATE:	02-14-2012		V1
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET **C**

Exhibit "B" Map

13-2-9-17 (Existing Well)
P-2-9-17 (Proposed Well)



Legend

-  1 Mile Radius
-  Pad Location

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DATE:	02-14-2012		V1
SCALE:	1" = 2,000'		

NEWFIELD EXPLORATION COMPANY

13-2-9-17 (Existing Well)
 P-2-9-17 (Proposed Well)
 SEC. 2, T9S, R17E, S.L.B.&M.
 Duchesne County, UT.



TOPOGRAPHIC MAP

SHEET
D



NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 2 T9S, R17E
P-2-9-17**

Wellbore #1

Plan: Design #1

Standard Planning Report

30 May, 2012





Payzone Directional
Planning Report



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well P-2-9-17
Company:	NEWFIELD EXPLORATION	TVD Reference:	P-2-9-17 @ 5092.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	MD Reference:	P-2-9-17 @ 5092.0ft (Original Well Elev)
Site:	SECTION 2 T9S, R17E	North Reference:	True
Well:	P-2-9-17	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	SECTION 2 T9S, R17E, SEC 2 T9S, R17E				
Site Position:		Northing:	7,194,800.00 ft	Latitude:	40° 3' 41.746 N
From:	Lat/Long	Easting:	2,067,293.09 ft	Longitude:	109° 58' 29.067 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.98 °

Well	P-2-9-17, SHL LAT: 40 03 31.42 LONG: -109 58 52.25					
Well Position	+N/-S	-1,044.8 ft	Northing:	7,193,724.71 ft	Latitude:	40° 3' 31.420 N
	+E/-W	-1,802.4 ft	Easting:	2,065,508.73 ft	Longitude:	109° 58' 52.250 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	5,092.0 ft	Ground Level:	5,080.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	5/21/2012	11.16	65.80	52,200

Design	Design #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	206.16

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	
1,505.4	13.58	206.16	1,497.0	-95.9	-47.1	1.50	1.50	0.00	206.16	
5,942.5	13.58	206.16	5,810.0	-1,031.1	-506.5	0.00	0.00	0.00	0.00	P-2-9-17 TGT



Payzone Directional
Planning Report



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well P-2-9-17
Company:	NEWFIELD EXPLORATION	TVD Reference:	P-2-9-17 @ 5092.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	MD Reference:	P-2-9-17 @ 5092.0ft (Original Well Elev)
Site:	SECTION 2 T9S, R17E	North Reference:	True
Well:	P-2-9-17	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	1.50	206.16	700.0	-1.2	-0.6	1.3	1.50	1.50	0.00
800.0	3.00	206.16	799.9	-4.7	-2.3	5.2	1.50	1.50	0.00
900.0	4.50	206.16	899.7	-10.6	-5.2	11.8	1.50	1.50	0.00
1,000.0	6.00	206.16	999.3	-18.8	-9.2	20.9	1.50	1.50	0.00
1,100.0	7.50	206.16	1,098.6	-29.3	-14.4	32.7	1.50	1.50	0.00
1,200.0	9.00	206.16	1,197.5	-42.2	-20.7	47.0	1.50	1.50	0.00
1,300.0	10.50	206.16	1,296.1	-57.4	-28.2	64.0	1.50	1.50	0.00
1,400.0	12.00	206.16	1,394.2	-74.9	-36.8	83.5	1.50	1.50	0.00
1,505.4	13.58	206.16	1,497.0	-95.9	-47.1	106.8	1.50	1.50	0.00
1,600.0	13.58	206.16	1,588.9	-115.8	-56.9	129.0	0.00	0.00	0.00
1,700.0	13.58	206.16	1,686.1	-136.9	-67.2	152.5	0.00	0.00	0.00
1,800.0	13.58	206.16	1,783.3	-158.0	-77.6	176.0	0.00	0.00	0.00
1,900.0	13.58	206.16	1,880.5	-179.0	-87.9	199.5	0.00	0.00	0.00
2,000.0	13.58	206.16	1,977.7	-200.1	-98.3	223.0	0.00	0.00	0.00
2,100.0	13.58	206.16	2,074.9	-221.2	-108.6	246.4	0.00	0.00	0.00
2,200.0	13.58	206.16	2,172.1	-242.3	-119.0	269.9	0.00	0.00	0.00
2,300.0	13.58	206.16	2,269.3	-263.3	-129.4	293.4	0.00	0.00	0.00
2,400.0	13.58	206.16	2,366.5	-284.4	-139.7	316.9	0.00	0.00	0.00
2,500.0	13.58	206.16	2,463.7	-305.5	-150.1	340.4	0.00	0.00	0.00
2,600.0	13.58	206.16	2,560.9	-326.6	-160.4	363.8	0.00	0.00	0.00
2,700.0	13.58	206.16	2,658.1	-347.7	-170.8	387.3	0.00	0.00	0.00
2,800.0	13.58	206.16	2,755.3	-368.7	-181.1	410.8	0.00	0.00	0.00
2,900.0	13.58	206.16	2,852.5	-389.8	-191.5	434.3	0.00	0.00	0.00
3,000.0	13.58	206.16	2,949.8	-410.9	-201.8	457.8	0.00	0.00	0.00
3,100.0	13.58	206.16	3,047.0	-432.0	-212.2	481.3	0.00	0.00	0.00
3,200.0	13.58	206.16	3,144.2	-453.0	-222.5	504.7	0.00	0.00	0.00
3,300.0	13.58	206.16	3,241.4	-474.1	-232.9	528.2	0.00	0.00	0.00
3,400.0	13.58	206.16	3,338.6	-495.2	-243.2	551.7	0.00	0.00	0.00
3,500.0	13.58	206.16	3,435.8	-516.3	-253.6	575.2	0.00	0.00	0.00
3,600.0	13.58	206.16	3,533.0	-537.4	-263.9	598.7	0.00	0.00	0.00
3,700.0	13.58	206.16	3,630.2	-558.4	-274.3	622.2	0.00	0.00	0.00
3,800.0	13.58	206.16	3,727.4	-579.5	-284.7	645.6	0.00	0.00	0.00
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4,000.0	13.58	206.16	3,921.8	-621.7	-305.4	692.6	0.00	0.00	0.00
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Payzone Directional Planning Report

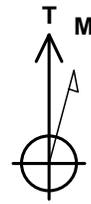


Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well P-2-9-17
Company:	NEWFIELD EXPLORATION	TVD Reference:	P-2-9-17 @ 5092.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	MD Reference:	P-2-9-17 @ 5092.0ft (Original Well Elev)
Site:	SECTION 2 T9S, R17E	North Reference:	True
Well:	P-2-9-17	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
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5,900.0	13.58	206.16	5,768.7	-1,022.1	-502.1	1,138.8	0.00	0.00	0.00
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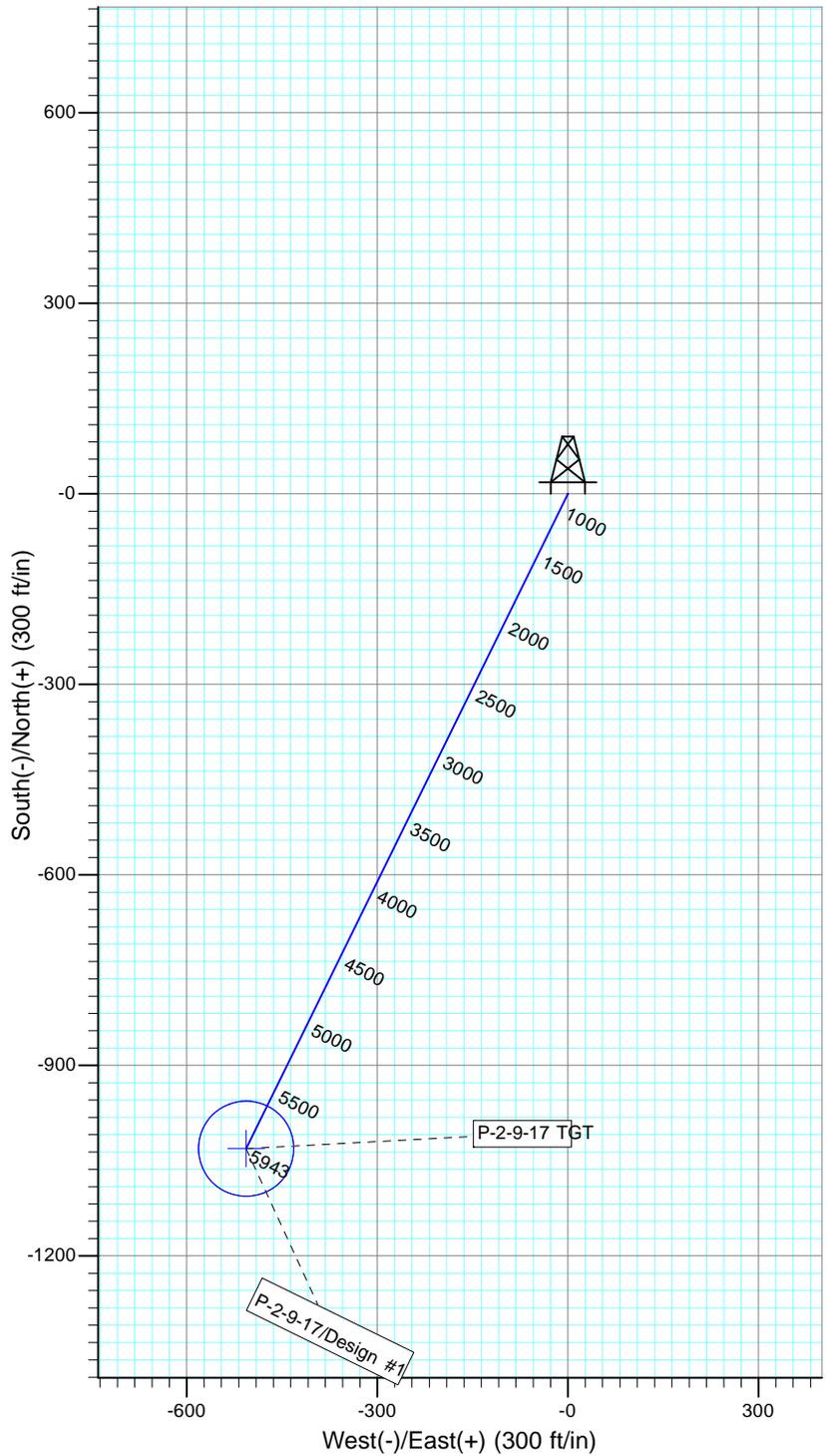
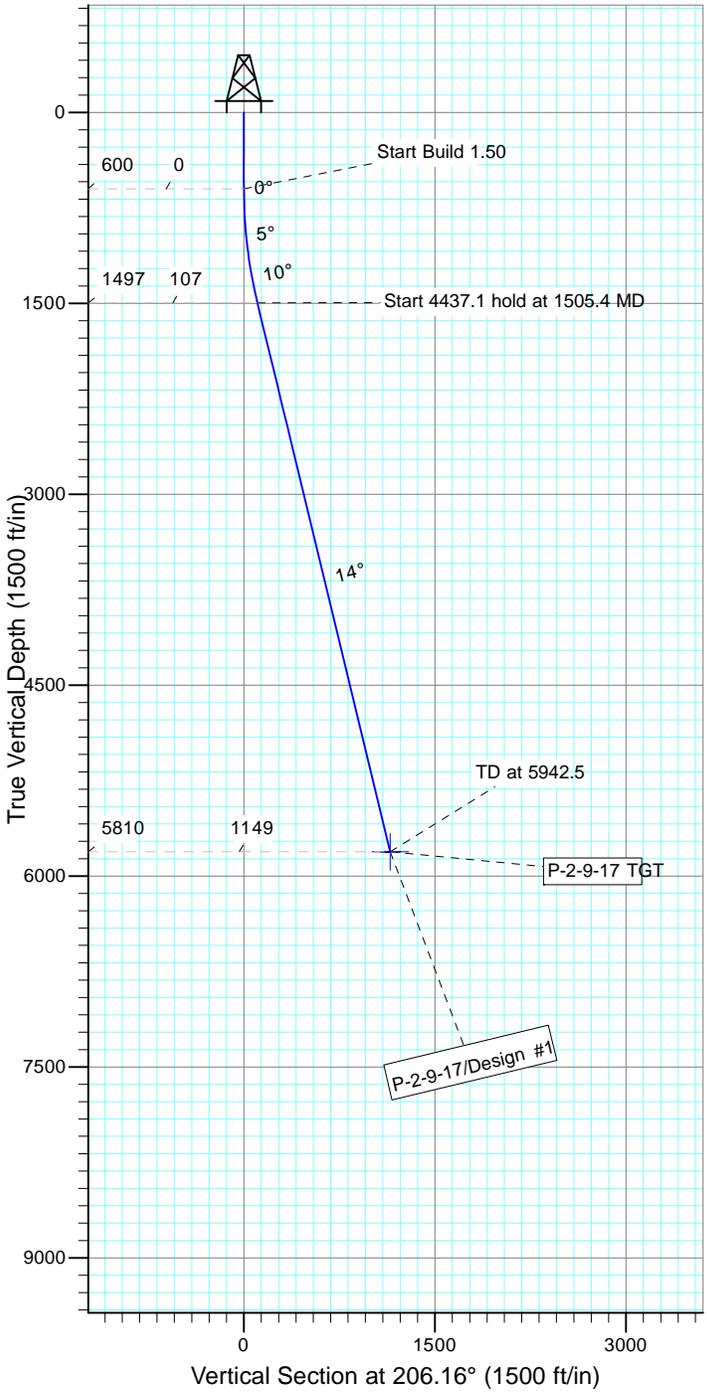
Project: USGS Myton SW (UT)
 Site: SECTION 2 T9S, R17E
 Well: P-2-9-17
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.16°

Magnetic Field
 Strength: 52200.5snT
 Dip Angle: 65.80°
 Date: 5/21/2012
 Model: IGRF2010

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



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
P-2-9-17 TGT	5810.0	-1031.1	-506.5	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	1505.4	13.58	206.16	1497.0	-95.9	-47.1	1.50	206.16	106.8	
4	5942.5	13.58	206.16	5810.0	-1031.1	-506.5	0.00	0.00	1148.8	P-2-9-17 TGT



**NEWFIELD PRODUCTION COMPANY
GMBU P-2-9-17
AT SURFACE: NW/SW SECTION 2, T9S, R17E
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 P-2-9-17 located in the NW 1/4 SW 1/4 Section 2, T9S, R17E, 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 southeasterly - 11.6 miles \pm to it's junction with an existing road to the northeast; proceed northeasterly - 1.4 miles \pm to it's junction with an existing road to the southeast; proceed southeasterly - 0.4 miles \pm to it's junction with an existing road to the south; proceed southerly - 0.1 miles \pm to it's junction with the beginning of the access road to the existing 13-2-9-17 well pad.

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

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

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing 13-2-9-17 well pad. See attached **Topographic Map "B"**.

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

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

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

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

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

Tank batteries will be built to State specifications.

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

5. **LOCATION AND TYPE OF WATER SUPPLY**

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

Johnson Water District
Water Right : 43-10136

Maurice Harvey Pond
Water Right: 47-1358

Neil Moon Pond
Water Right: 43-11787

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

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

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

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

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

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

A portable toilet will be provided for human waste.

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

8. **ANCILLARY FACILITIES**

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

9. **WELL SITE LAYOUT**

See attached Location Layout Sheet.

Fencing Requirements

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

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

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

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

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

- a) Producing Location

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

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

- b) Dry Hole Abandoned Location

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

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

11. **OTHER ADDITIONAL INFORMATION :**

- a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.
- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

Surface Flow Line

Newfield requests 1,596' of surface flow line be granted. The Surface Flow Line will consist of up to a 14" bundled pipe consisting of 2-2" poly glycol lines and 1-3" production line. For all new wells, Newfield. **Refer to Topographic Map "C"** for the proposed location of the proposed flow line. Flow lines will be tan and will be constructed using the following procedures:

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

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

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

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.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the GMBU P-2-9-17, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the GMBU P-2-9-17, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

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

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

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

Representative

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

Certification

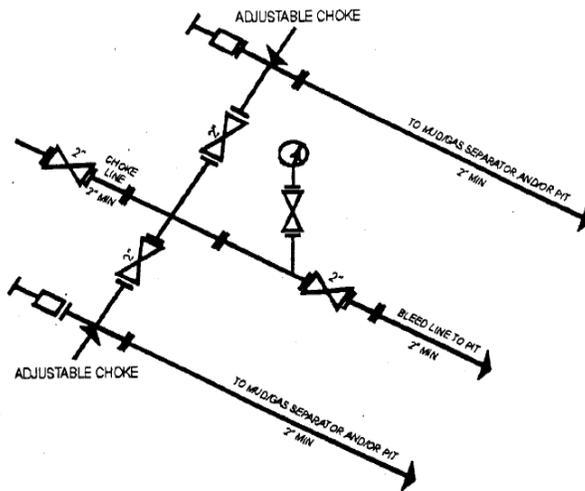
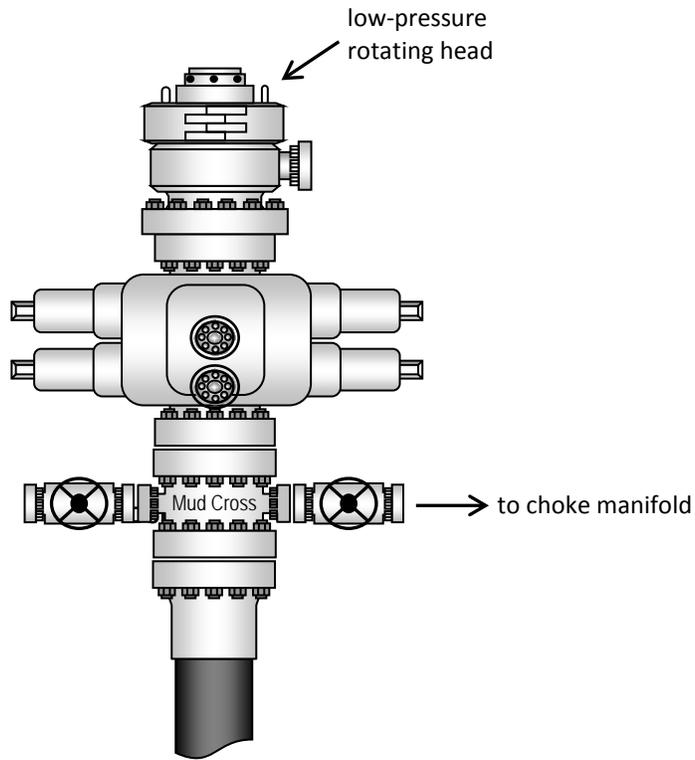
Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #P-2-9-17, Section 2, Township 9S, Range 17E: Lease ML-45555 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #B001834.

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

5/23/12
Date

Mandie Crozier
Regulatory Analyst
Newfield Production Company

Typical 2M BOP stack configuration



2M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

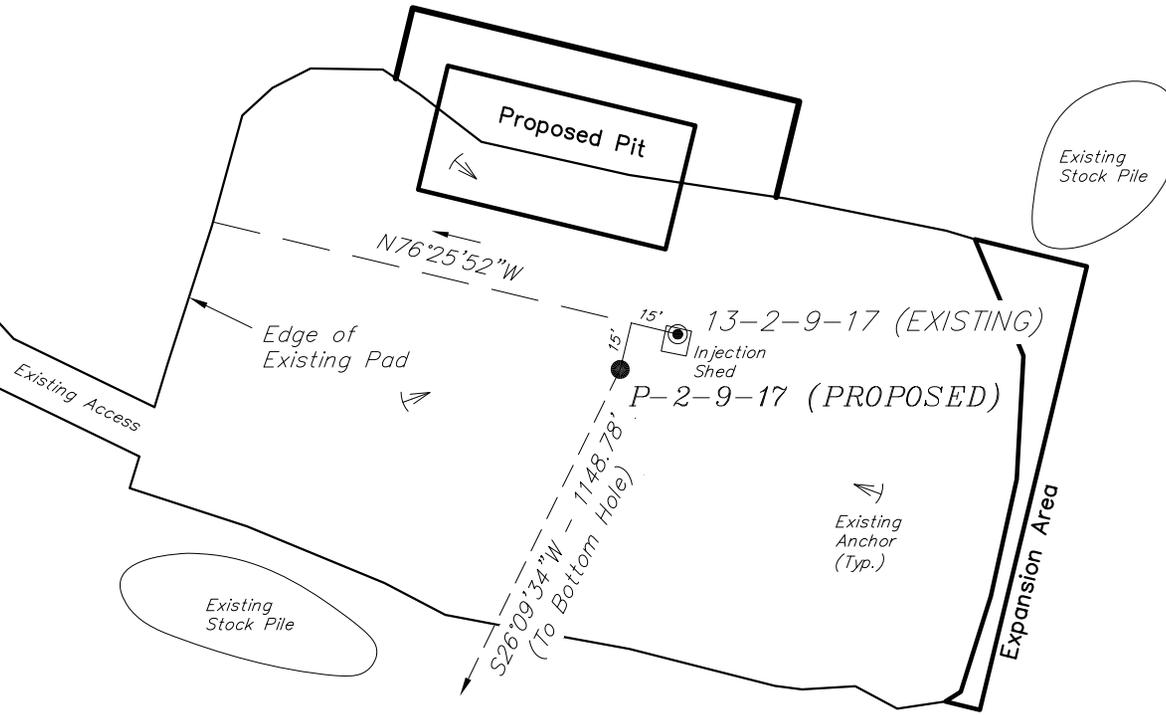
NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

13-2-9-17 (Existing Well)

P-2-9-17 (Proposed Well)

Pad Location: NWSW Section 2, T9S, R17E, S.L.B.&M.



TOP HOLE FOOTAGES

P-2-9-17 (PROPOSED)
2202' FSL & 588' FWL

BOTTOM OF HOLE FOOTAGES

P-2-9-17 (PROPOSED)
1180' FSL & 65' FWL

Note:
Bearings are based
on GPS Observations.

RELATIVE COORDINATES
From Top Hole to Bottom Hole

WELL	NORTH	EAST
P-2-9-17	-1,031'	-506'

LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
13-2-9-17	40° 03' 31.53"	109° 58' 52.02"
P-2-9-17	40° 03' 31.42"	109° 58' 52.25"

SURVEYED BY: C.S.	DATE SURVEYED: 02-01-12	VERSION:
DRAWN BY: M.W.	DATE DRAWN: 02-02-12	V1
SCALE: 1" = 60'	REVISED:	

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

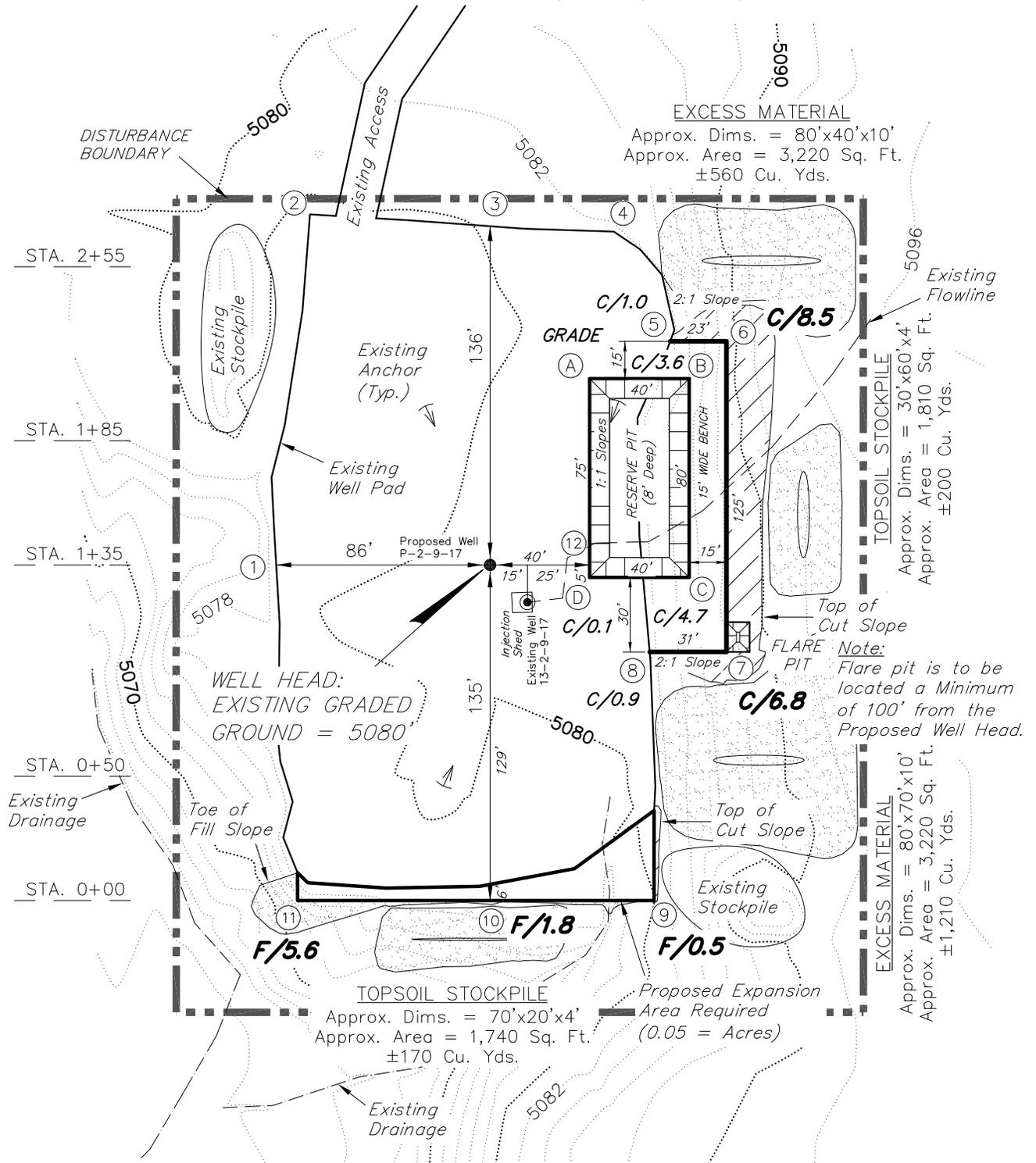
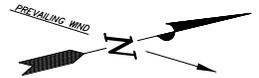
NEWFIELD EXPLORATION COMPANY

LOCATION LAYOUT

13-2-9-17 (Existing Well)

P-2-9-17 (Proposed Well)

Pad Location: NWSW Section 2, T9S, R17E, S.L.B.&M.



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

NOTE:
The topsoil & excess material areas are calculated as being mounds containing 2,140 cubic yards of dirt (a 10% fluff factor is included). The mound areas are calculated with push slopes of 1.5:1 & fall slopes of 1.5:1.

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

SURVEYED BY: C.S.	DATE SURVEYED: 02-01-12	VERSION:
DRAWN BY: M.W.	DATE DRAWN: 02-06-12	V1
SCALE: 1" = 60'	REVISED:	

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

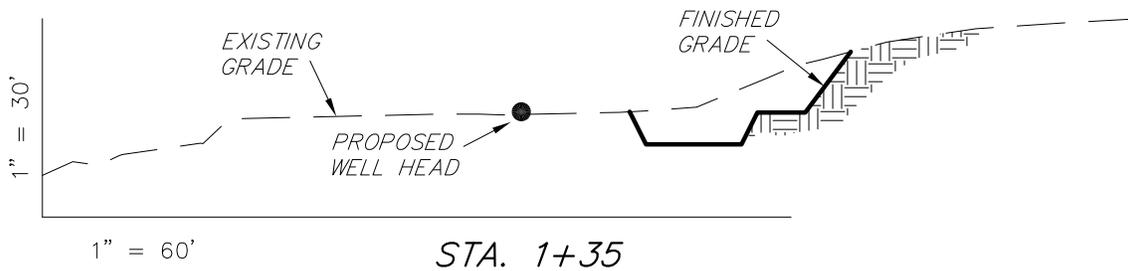
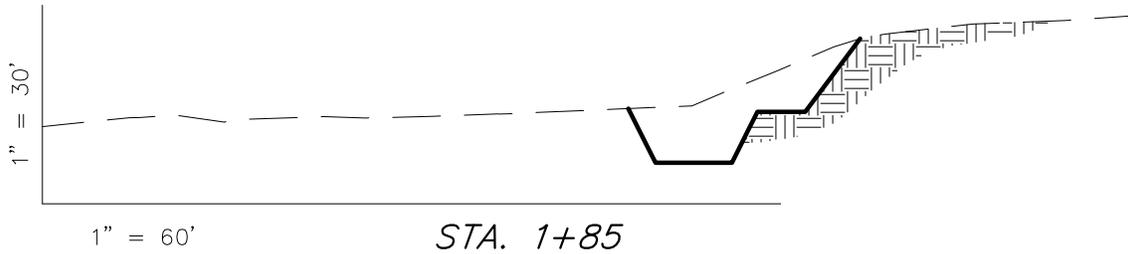
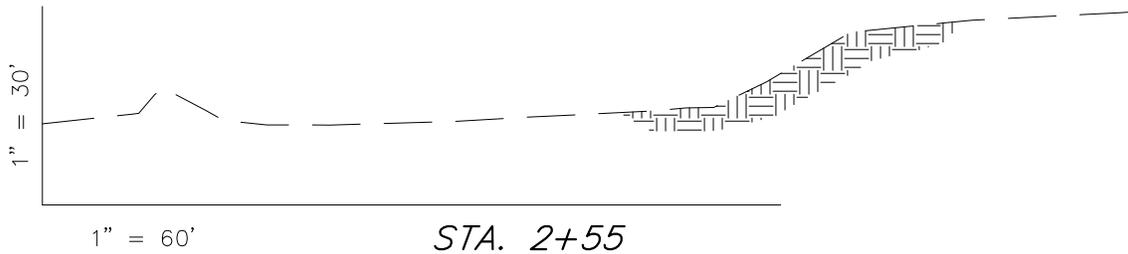
NEWFIELD EXPLORATION COMPANY

CROSS SECTIONS

13-2-9-17 (Existing Well)

P-2-9-17 (Proposed Well)

Pad Location: NWSW Section 2, T9S, R17E, S.L.B.&M.



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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	990	70	Topsoil is not included in Pad Cut	920
PIT	690	0		690
TOTALS	1,680	70	340	1,610

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

SURVEYED BY: C.S.	DATE SURVEYED: 02-01-12	VERSION:
DRAWN BY: M.W.	DATE DRAWN: 02-06-12	V1
SCALE: 1" = 60'	REVISED:	

Tri State

Land Surveying, Inc.

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

(435) 781-2501

RECEIVED: May 30, 2012

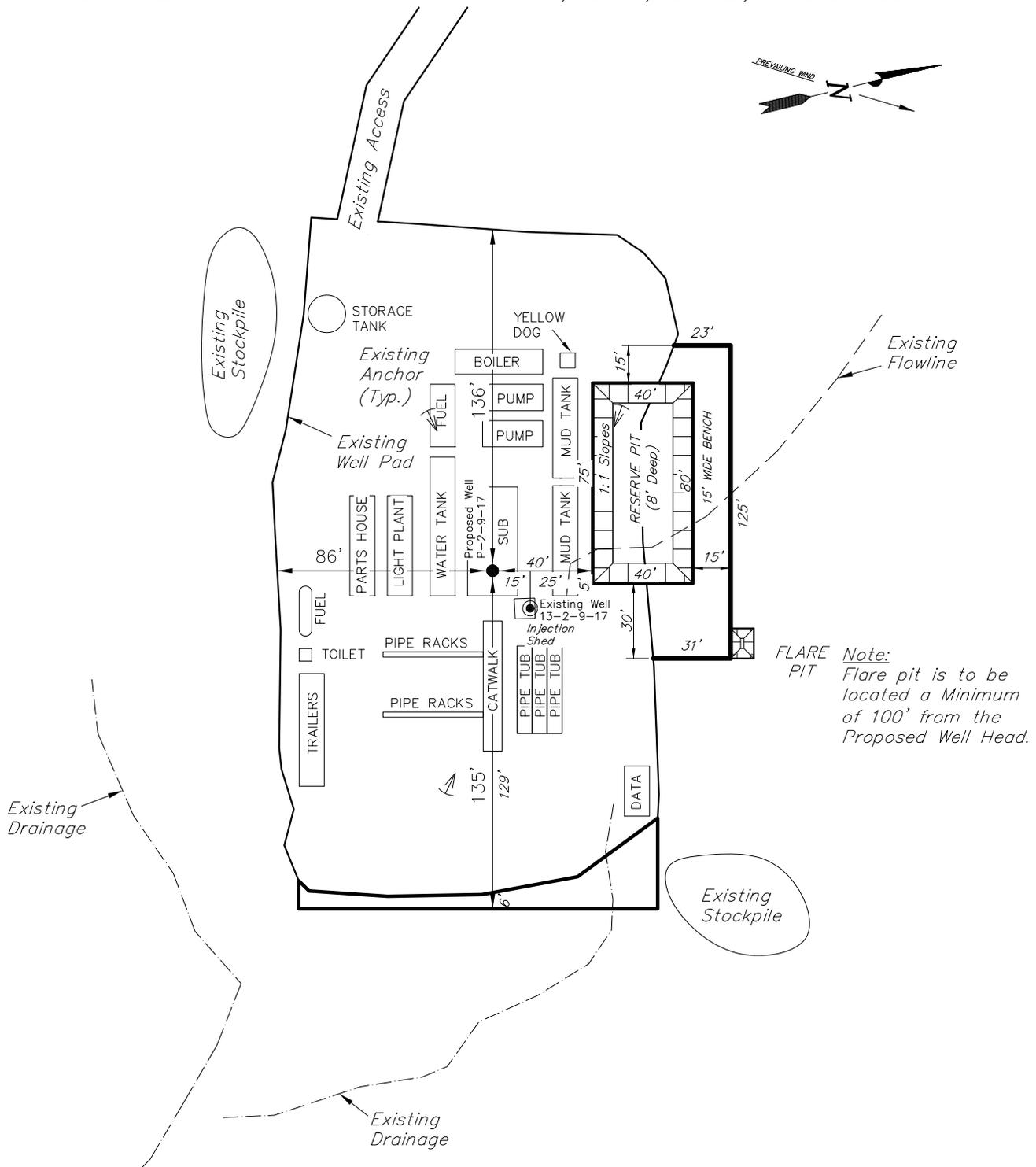
NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT

13-2-9-17 (Existing Well)

P-2-9-17 (Proposed Well)

Pad Location: NWSW Section 2, T9S, R17E, S.L.B.&M.



SURVEYED BY: C.S.	DATE SURVEYED: 02-01-12	VERSION:
DRAWN BY: M.W.	DATE DRAWN: 02-06-12	V1
SCALE: 1" = 60'	REVISED:	

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

RECEIVED: May 30, 2012

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

June 4, 2012

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2012 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 well is planned for calendar year 2012 within the Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ GREEN RIVER)

43-013-51456	GMBU P-2-9-17	Sec 02 T09S R17E 2202 FSL 0588 FWL
	BHL Sec 02 T09S R17E 1180 FSL 0065 FWL	

This office has no objection to permitting the well 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: 2012.06.04 08:53:12 -0600

bcc: File - Greater Monument Butte Unit

Division of Oil Gas and Mining

Central Files

Agr. Sec. Chron

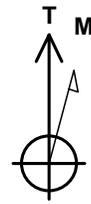
Fluid Chron

MCoulthard:mc:6-4-12

RECEIVED: June 05, 2012



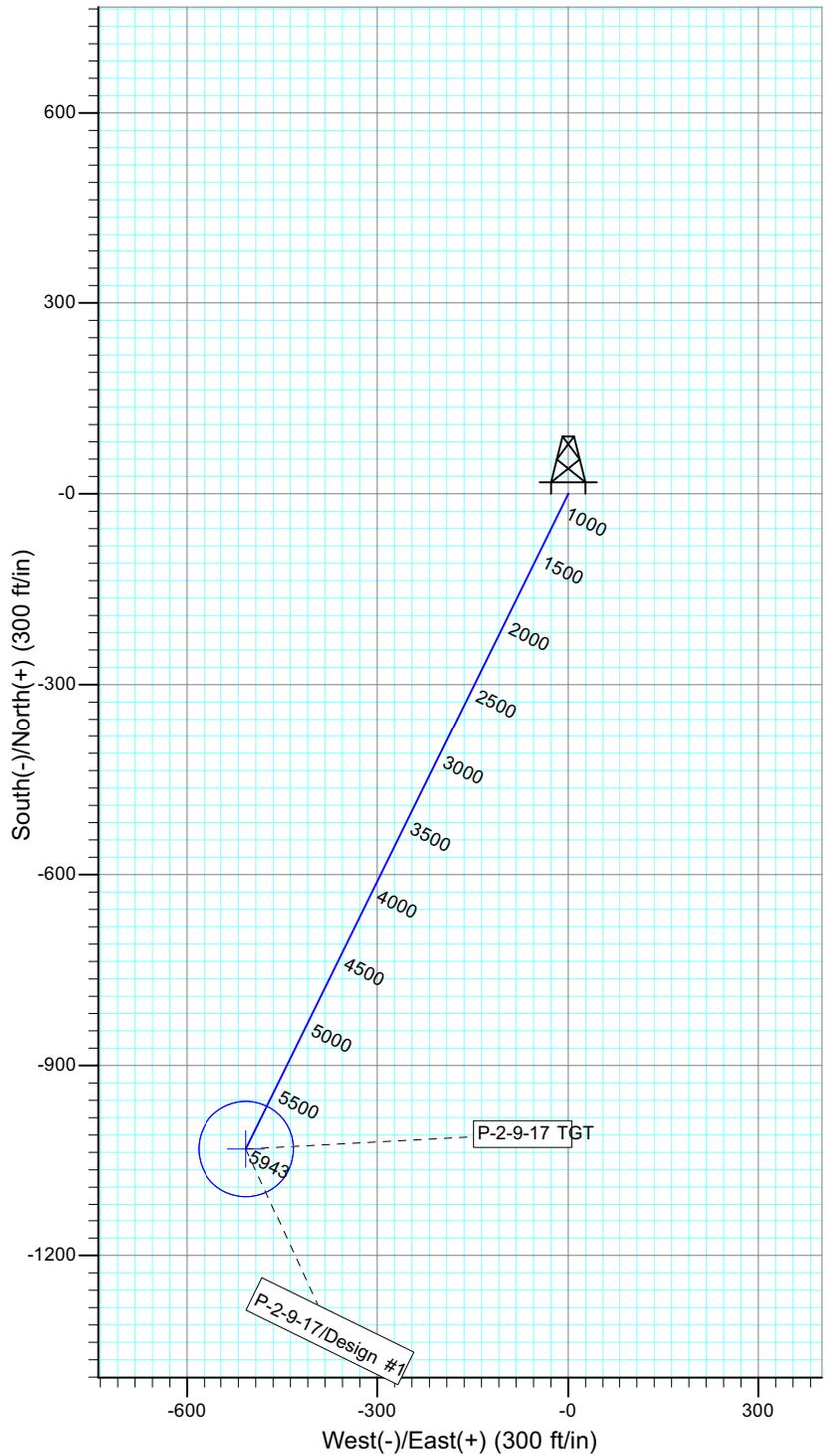
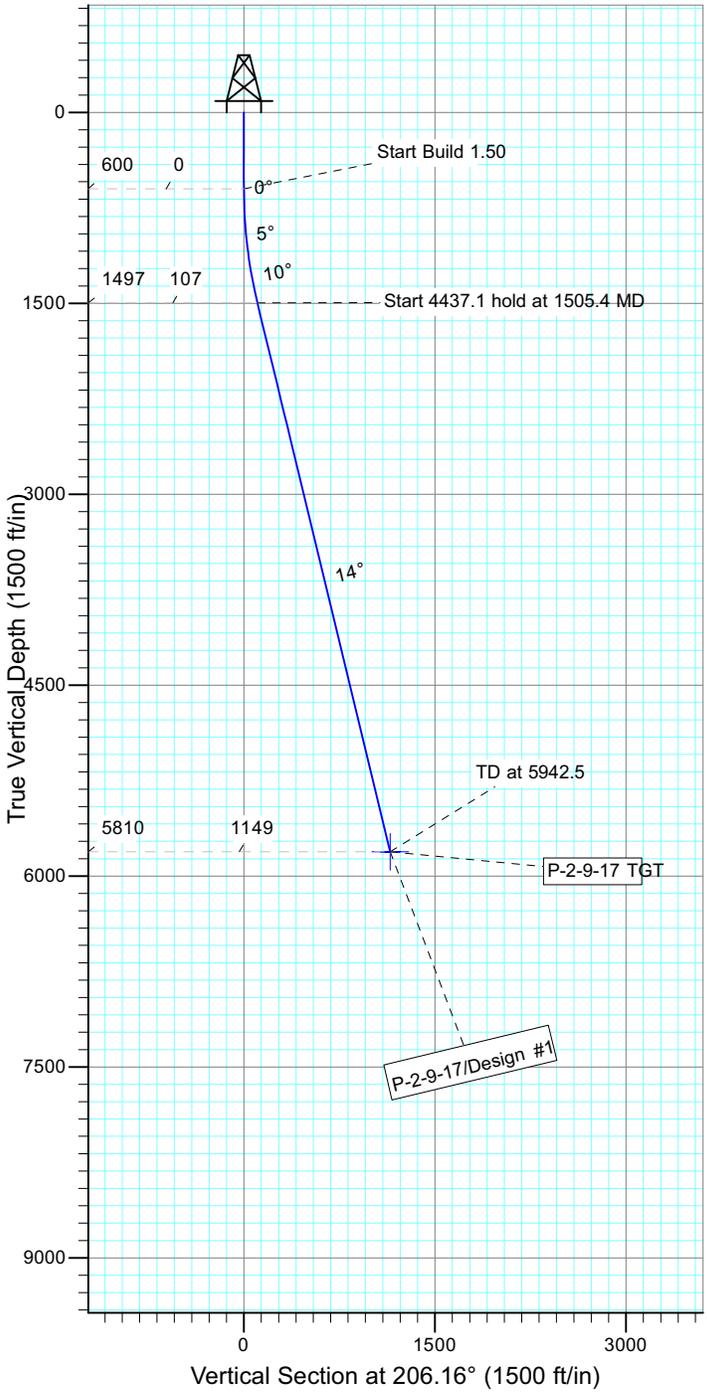
Project: USGS Myton SW (UT)
 Site: SECTION 2 T9S, R17E
 Well: P-2-9-17
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.16°

Magnetic Field
 Strength: 52200.5snT
 Dip Angle: 65.80°
 Date: 5/21/2012
 Model: IGRF2010

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



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
P-2-9-17 TGT	5810.0	-1031.1	-506.5	Circle (Radius: 75.0)

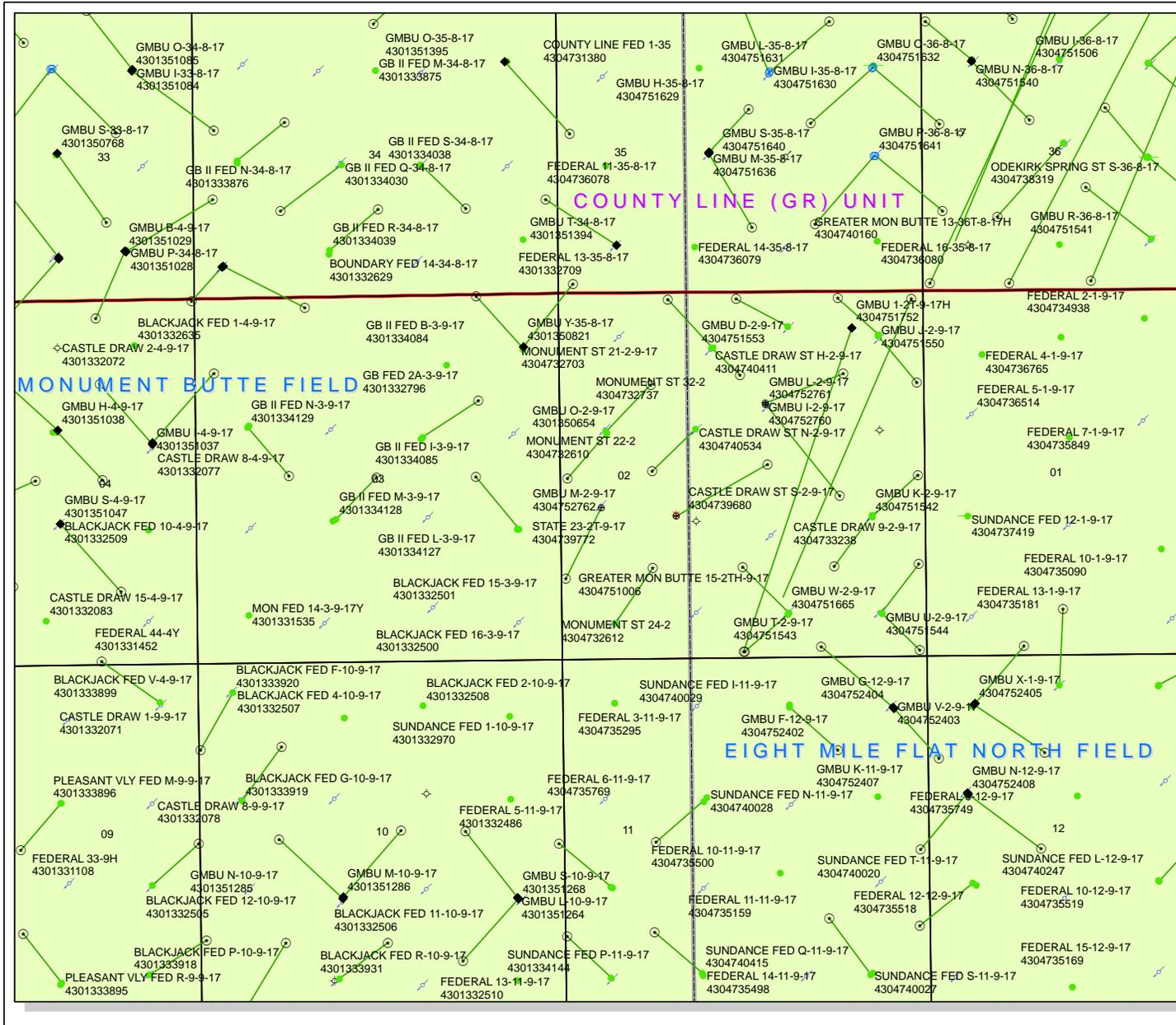
SECTION DETAILS

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	1505.4	13.58	206.16	1497.0	-95.9	-47.1	1.50	206.16	106.8	
4	5942.5	13.58	206.16	5810.0	-1031.1	-506.5	0.00	0.00	1148.8	P-2-9-17 TGT

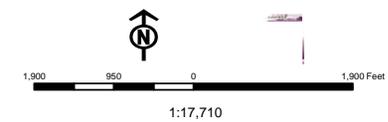


API Number: 4301351456
Well Name: GMBU P-2-9-17
Township T09. Range R17. Section 02
Meridian: SLBM
Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
 Map Produced by Diana Mason



Units STATUS	Wells Query
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	POW - Producing Oil Well
SECONDARY	SGW - Shut-in Gas Well
TERMINATED	SOW - Shut-in Oil Well
Unknown	TA - Temp. Abandoned
ABANDONED	TW - Test Well
ACTIVE	WDW - Water Disposal
COMBINED	WIW - Water Injection Well
INACTIVE	WSW - Water Supply Well
STORAGE	
TERMINATED	





VIA ELECTRONIC DELIVERY

May 31, 2012

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

RE: Directional Drilling
GMBU P-2-9-17
Greater Monument Butte (Green River) Unit

Surface Hole: T9S-R17E Section 2: NWSW (ML-45555)
2202' FSL 588' FWL

At Target: T9S-R17E Section 2: SWSW (ML-45555)
1180' FSL 65' 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 5/24/2012, 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

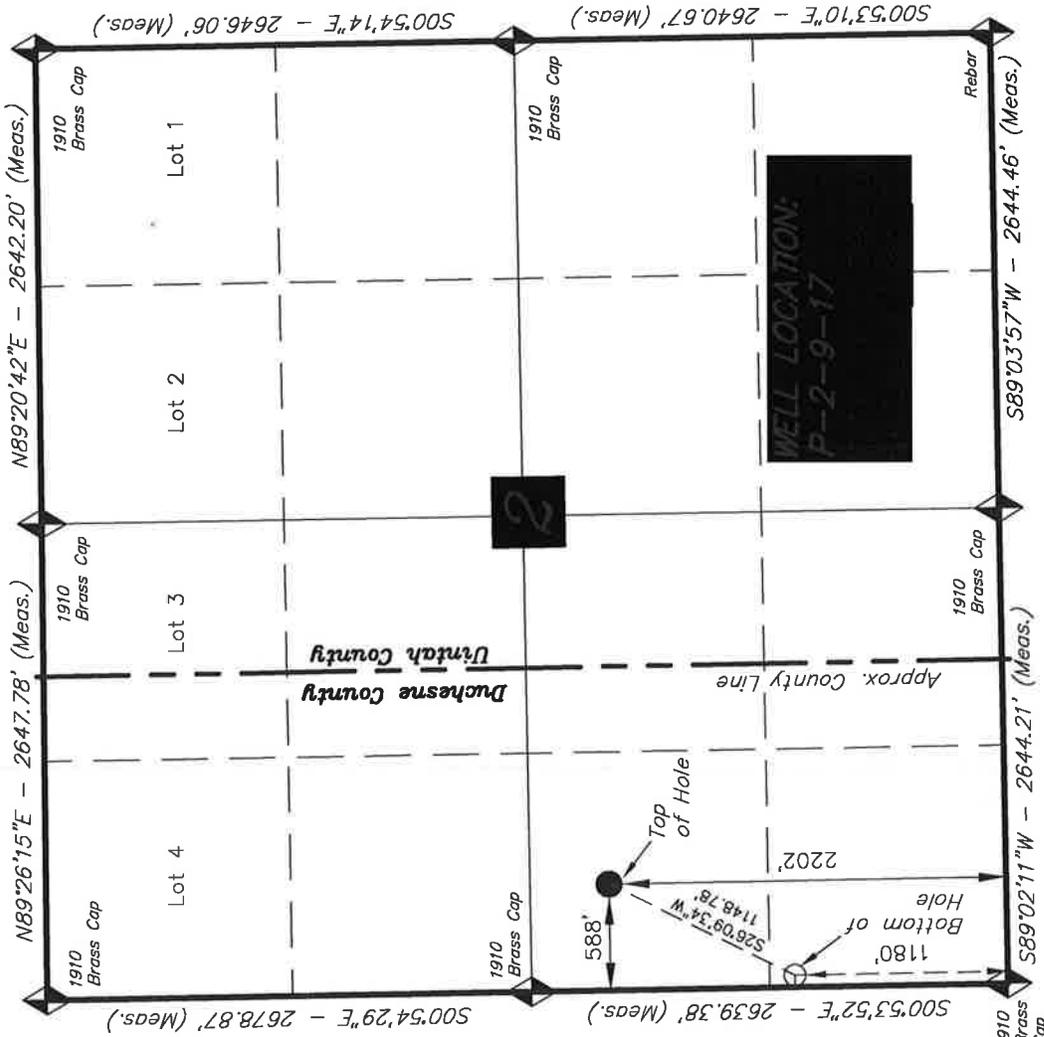
A handwritten signature in cursive script that reads "Leslie Burget".

Leslie Burget
Land Associate

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 P-2-9-17				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="radio"/> REENTER P&A WELL <input type="radio"/> DEEPEN WELL <input type="radio"/>						3. FIELD OR WILDCAT MONUMENT BUTTE				
4. TYPE OF WELL Oil Well <input checked="" type="radio"/> Coalbed Methane Well: NO <input type="radio"/>						5. UNIT or COMMUNITIZATION AGREEMENT NAME GMBU (GRRV)				
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY						7. OPERATOR PHONE 435 646-4825				
8. ADDRESS OF OPERATOR Rt 3 Box 3630, Myton, UT, 84052						9. OPERATOR E-MAIL mcrozier@newfield.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) ML-45555			11. MINERAL OWNERSHIP FEDERAL <input type="radio"/> INDIAN <input type="radio"/> STATE <input checked="" type="radio"/> FEE <input type="radio"/>			12. SURFACE OWNERSHIP FEDERAL <input type="radio"/> INDIAN <input type="radio"/> STATE <input checked="" type="radio"/> FEE <input type="radio"/>				
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="radio"/> (Submit Commingling Application) NO <input checked="" type="radio"/>			19. SLANT VERTICAL <input type="radio"/> DIRECTIONAL <input checked="" type="radio"/> HORIZONTAL <input type="radio"/>				
20. LOCATION OF WELL	FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN			
LOCATION AT SURFACE	2202 FSL 588 FWL		NWSW	2	9.0 S	17.0 E	S			
Top of Uppermost Producing Zone	1644 FSL 314 FWL		NWSW	2	9.0 S	17.0 E	S			
At Total Depth	1180 FSL 65 FWL		SWSW	2	9.0 S	17.0 E	S			
21. COUNTY DUCHEсне			22. DISTANCE TO NEAREST LEASE LINE (Feet) 65			23. NUMBER OF ACRES IN DRILLING UNIT 20				
27. ELEVATION - GROUND LEVEL 5080			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1389			26. PROPOSED DEPTH MD: 5943 TVD: 5810				
28. BOND NUMBER B001834			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478							
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	12.25	8.625	0 - 300	24.0	J-55 ST&C	8.3	Class G	138	1.17	15.8
Prod	7.875	5.5	0 - 5943	15.5	J-55 LT&C	8.3	Premium Lite High Strength	272	3.26	11.0
							50/50 Poz	363	1.24	14.3
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<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			EMAIL mcrozier@newfield.com				
API NUMBER ASSIGNED			APPROVAL							

T9S, R17E, S.L.B.&M.

NEWFIELD EXPLORATION COMPANY



WELL LOCATION, P-2-9-17, LOCATED AS SHOWN IN THE NW 1/4 SW 1/4 OF SECTION 2, T9S, R17E, S.L.B.&M. DUCHEESNE COUNTY, UTAH.

TARGET BOTTOM HOLE, P-2-9-17, LOCATED AS SHOWN IN THE SW 1/4 SW 1/4 OF SECTION 2, T9S, R17E, S.L.B.&M. DUCHEESNE COUNTY, UTAH.



- NOTES:**
- Well footages are measured at right angles to the Section Lines.
 - Bearings are based on Global Positioning Satellite observations.
 - The Bottom of Hole Bears S26°09'34"W 1148.78' from the Top of Hole.
 - The Bottom of Hole footages are 1180' FSL & 65' FWL.

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.

02-15-12
STACY W.
REGISTERED LAND SURVEYOR
REGISTRATION NO. 189377
STATE OF UTAH

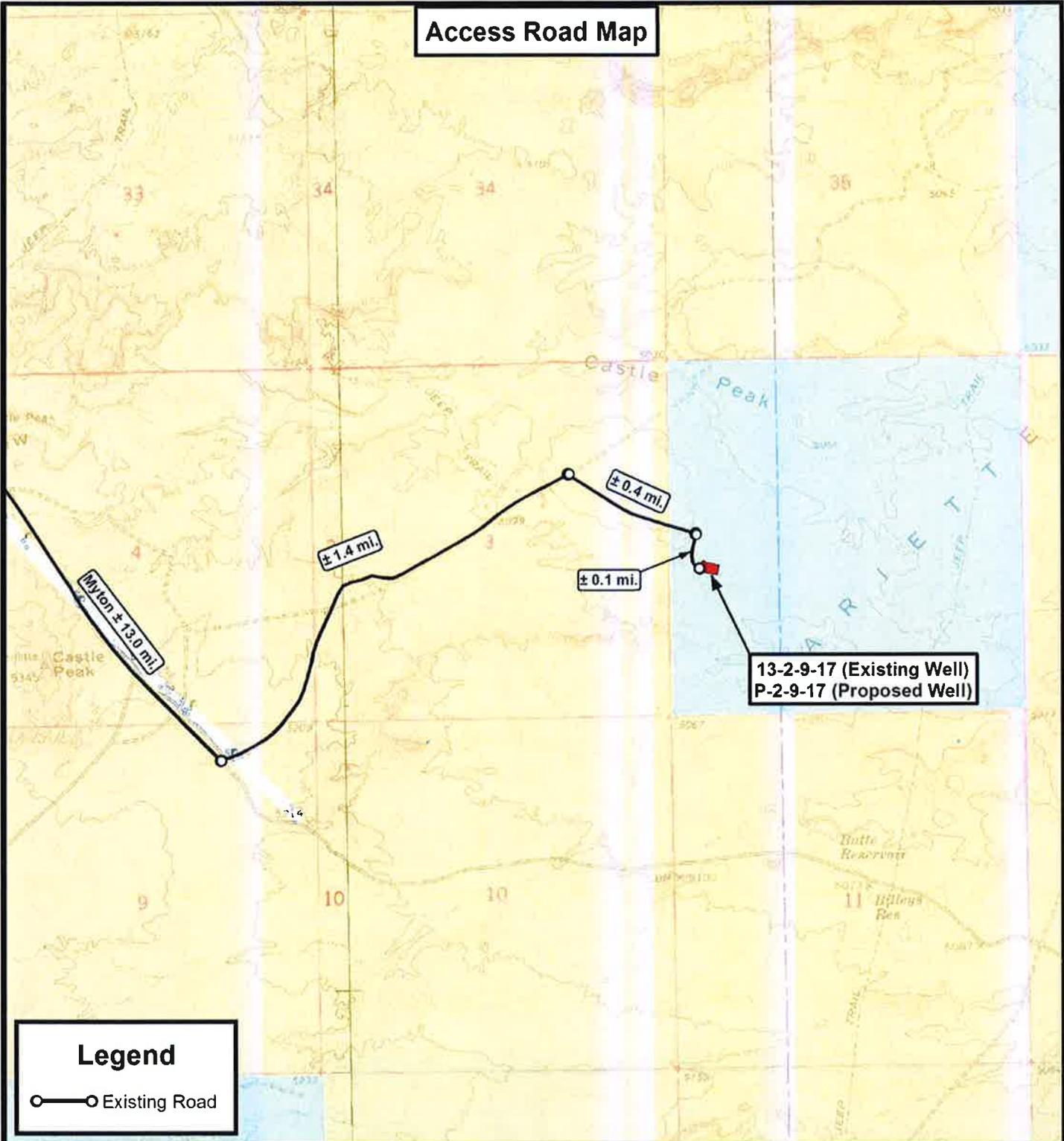
TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 02-01-12	SURVEYED BY: C.S.	VERSION:
DATE DRAWN: 02-06-12	DRAWN BY: M.W.	V1
REVISED:	SCALE: 1" = 1000'	

P-2-9-17
(Surface Location) NAD 83
LATITUDE = 40° 03' 31.42"
LONGITUDE = 109° 58' 52.25"

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

Access Road Map



Legend

○—○ Existing Road

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



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

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



NEWFIELD EXPLORATION COMPANY

13-2-9-17 (Existing Well)
P-2-9-17 (Proposed Well)
SEC. 2, T9S, R17E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	VERSION:
DATE:	02-14-2012		V1
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET
B

Received: May 30, 2012

Well Name	NEWFIELD PRODUCTION COMPANY GMBU P-2-9-17 4301351456000			
String	Surf	Prod		
Casing Size(")	8.625	5.500		
Setting Depth (TVD)	300	5810		
Previous Shoe Setting Depth (TVD)	0	300		
Max Mud Weight (ppg)	8.3	8.4		
BOPE Proposed (psi)	500	2000		
Casing Internal Yield (psi)	2950	4810		
Operators Max Anticipated Pressure (psi)	2555	8.5		

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

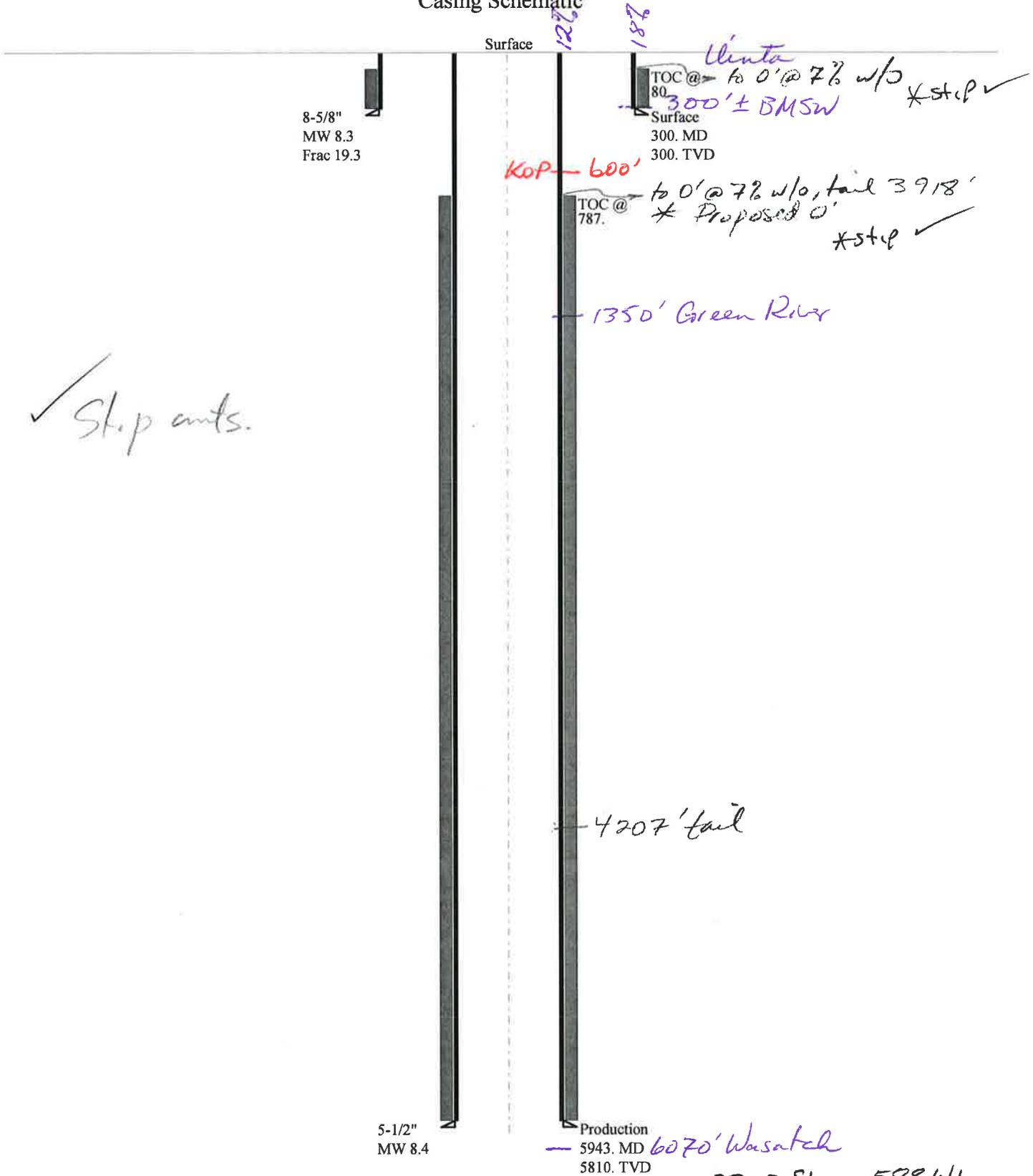
Calculations	Prod String	5.500	"	
Max BHP (psi)	.052*Setting Depth*MW=	2538		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	1841	YES	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1260	YES	OK
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1326	NO	Known area, common practice
Required Casing/BOPE Test Pressure=		2000	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		300	psi *Assumes 1psi/ft frac gradient	

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

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

43013514560000 GMBU P-2-9-17

Casing Schematic



✓ Stip ants.

2202 SL 588 WL
 -1031 -507
 1171 FSL 81FWL ✓ od
 SW SW sec 2-9S-17E in unit

Well name:	43013514560000 GMBU P-2-9-17		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Surface	Project ID:	43-013-51456
Location:	DUCHESNE COUNTY		

Design parameters:**Collapse**

Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 264 psi
Internal gradient: 0.120 psi/ft
Calculated BHP: 300 psi

No backup mud specified.

Minimum design factors:**Collapse:**

Design factor: 1.125

Burst:

Design factor: 1.00

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 262 ft

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 78 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 80 ft

Completion type is subs
Non-directional string.

Re subsequent strings:

Next setting depth: 5,810 ft
Next mud weight: 8.400 ppg
Next setting BHP: 2,535 psi
Fracture mud wt: 19,250 ppg
Fracture depth: 300 ft
Injection pressure: 300 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	300	8.625	24.00	J-55	ST&C	300	300	7.972	1544
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	130	1370	10.557	300	2950	9.83	7.2	244	33.90 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: August 16, 2012
Salt Lake City, Utah

Remarks:

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

Burst strength is not adjusted for tension.

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

Well name:	43013514560000 GMBU P-2-9-17	
Operator:	NEWFIELD PRODUCTION COMPANY	
String type:	Production	Project ID: 43-013-51456
Location:	DUCHESNE COUNTY	

Design parameters:

Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 1,257 psi
Internal gradient: 0.220 psi/ft
Calculated BHP: 2,535 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor: 1.125

Burst:

Design factor: 1.00

Tension:

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

Tension is based on air weight.
Neutral point: 5,183 ft

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 155 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft
Cement top: 787 ft

Completion type is subs

Directional Info - Build & Hold

Kick-off point: 600 ft
Departure at shoe: 1149 ft
Maximum dogleg: 1.5 °/100ft
Inclination at shoe: 13.58 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	5943	5.5	15.50	J-55	LT&C	5810	5943	4.825	20985
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	2535	4040	1.593	2535	4810	1.90	90.1	217	2.41 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: August 16, 2012
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 5810 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

From: Jeff Conley
To: Hill, Brad; Mason, Diana
CC: Davis, Jim; Garrison, LaVonne; mcrozier@newfield.com
Date: 11/8/2012 8:02 AM
Subject: Newfield Approval

Greetings,

The following well has been cleared for both arch and paleo:

(4301351456) GMBU P-2-9-17

Thank you,

Jeff Conley
SITLA Resource Specialist
(801)-538-5157
jconley@utah.gov

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name GMBU P-2-9-17
API Number 43013514560000 **APD No** 6116 **Field/Unit** MONUMENT BUTTE
Location: 1/4,1/4 NWSW **Sec 2 Tw 9.0S Rng 17.0E** 2202 FSL 588 FWL
GPS Coord (UTM) 586891 4434774 **Surface Owner**

Participants

C. Miller, – Newfield; C. Jensen, – DOGM ; A. Hansen- DWR;

Regional/Local Setting & Topography

This well to be drilled on existing pad. The host well is the State 13-2 API # 43013-31482 The location is in the Castle Peak draw area on top of a terrace on the Parriette Bench with lowlands below to the West. There is a rise of about 10 feet in hieght adjacent on the East. The city of Myton can be found approximately 14 road miles North. The topography is relatively flat with slopes of around 5% or less. Erosion has created a network of draws and drainages that are deeply cut. Drainages in the area are eventual tributaries of Snyder reservoir. The surrounding lowlands south are generally uncharacteristically green. Desert shrubs are the dominant vegetation types in the surrounding area.

Surface Use Plan

Current Surface Use

Existing Well Pad

New Road Miles	Well Pad	Src Const Material	Surface Formation
0	Width 100 Length 270		UNTA

Ancillary Facilities N

pad is irregular in shape from some previous reclamation. Berms to be temporarily disturbed during drilling

Waste Management Plan Adequate? N

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Disturbed soils do not support habitat for wildlife. DWR had no comment / issues

Soil Type and Characteristics

imported gravels and disturbed onsite soils with no soil profile

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required? Y**Berm Required? Y****Erosion Sedimentation Control Required? N****Paleo Survey Run? N Paleo Potential Observed? N Cultural Survey Run? N Cultural Resources? N****Reserve Pit**

Site-Specific Factors		Site Ranking	
Distance to Groundwater (feet)	>200	0	
Distance to Surface Water (feet)	300 to 1000	2	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)		20	
Native Soil Type	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)	10 to 20	5	
Affected Populations	10 to 30	10 to 30	
Presence Nearby Utility Conduits	Not Present	0	
	Final Score	48	1 Sensitivity Level

Characteristics / Requirements

A 40' x 80' x 8' deep reserve pit is planned in an area of cut on the north side of the location. A pit liner is required. Newfield commonly uses a 30 mil liner. Pit should be fenced to prevent entry by deer, other wildlife and domestic animals. Pit to be closed within one year after drilling activities are complete.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 16 Pit Underlayment Required? N**Other Observations / Comments**Chris Jensen
Evaluator6/8/2012
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
6116	43013514560000	SITLA	OW	S	No
Operator	NEWFIELD PRODUCTION COMPANY		Surface Owner-APD		
Well Name	GMBU P-2-9-17	Unit		GMBU (GRRV)	
Field	MONUMENT BUTTE	Type of Work		DRILL	
Location	NWSW 2 9S 17E S 2202 FSL (UTM) 586892E 4434773N	588 FWL	GPS Coord		

Geologic Statement of Basis

Newfield proposes to set 300' of surface casing at this location. The the base of the moderately saline water at this location is estimated to be at approximately 300 feet. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 2. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement programs should adequately protect ground water in the area.

Brad Hill
APD Evaluator

6/19/2012
Date / Time

Surface Statement of Basis

Location to be built on an existing pad that does not seem to be experiencing problems with erosion, stability or drainage issues. DWR personnel had no issues with the location being used to host additional wells. Operator has mentioned that the berm may be temporarily removed while drilling rig is set up and or during construction activities and pad edges may be cleaned up at this same time.

Chris Jensen
Onsite Evaluator

6/8/2012
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.
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.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 5/30/2012

API NO. ASSIGNED: 43013514560000

WELL NAME: GMBU P-2-9-17

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: NWSW 02 090S 170E

Permit Tech Review:

SURFACE: 2202 FSL 0588 FWL

Engineering Review:

BOTTOM: 1180 FSL 0065 FWL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.05873

LONGITUDE: -109.98118

UTM SURF EASTINGS: 586892.00

NORTHINGS: 4434773.00

FIELD NAME: MONUMENT BUTTE

LEASE TYPE: 3 - State

LEASE NUMBER: ML-45555

PROPOSED PRODUCING FORMATION(S): GREEN RIVER

SURFACE OWNER: 3 - State

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

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

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: 5 - Statement of Basis - bhill
 12 - Cement Volume (3) - hmacdonald
 15 - Directional - dmason
 25 - Surface Casing - hmacdonald
 27 - Other - bhill



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 P-2-9-17
API Well Number: 43013514560000
Lease Number: ML-45555
Surface Owner: STATE
Approval Date: 11/8/2012

Issued to:

NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:

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

Duration:

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

General:

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

Conditions of Approval:

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

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

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

Cement volume for the 4 1/2 production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 0' MD as indicated in the submitted drilling plan.

Surface casing shall be cemented to the surface.

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

Notification Requirements:

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

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

Contact Information:

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

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

Reporting Requirements:

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

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

Approved By:

Approved by:

A handwritten signature in black ink, appearing to read "J. Rogers", written in a cursive style.

For John Rogers
Associate Director, Oil & Gas

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pro Petro 8
Submitted By Branden Arnold Phone Number 435-401-0223
Well Name/Number GMBU P-2-9-17
Qtr/Qtr NW/SW Section 2 Township 9S Range 17E
Lease Serial Number ML-45555
API Number 43-013-51456

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

Date/Time 2/11/13 8:00 AM PM

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

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

Date/Time 2/11/13 3:00 AM PM

BOPE

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

Date/Time _____ AM PM

Remarks _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTAH STATE ML-45555
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or GMBU
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Section 2 T9S R17E		8. Well Name and No. GMBU P-2-9-17
		9. API Well No. 4301351456
		10. Field and Pool, or Exploratory Area GREATER MB UNIT
		11. County or Parish, State DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 2/11/13 MIRU Pro Petro # 8. Spud well @8:00 AM. Drill 323' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24# csqn. Set @ 318.12. On 2/13/13 cement with 175 sks of class "G" w/ 2% CaCL2 + 0.25#/sk Cello- Flake Mixed @ 15.8ppg w/ 1.17ft3/sk yield. Returned 5 barrels cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Branden Arnold	Title
Signature 	Date 02/25/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

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 and fraudulent statements or representations as to any matter within its jurisdiction

RECEIVED

(Instructions on page 2)

MAR 01 2013

DIV. OF OIL, GAS & MINING

Casing / Liner Detail

Well GMBU P-2-9-17
Prospect 20 Acre
Foreman
Run Date:
String Type Conductor, 14", 36.75#, H-40, W (Welded)

- Detail From Top To Bottom -

Depth	Length	JTS	Description	OD	ID
21.00			10' KB		
10.00	11.00		Conductor	14.000	13.500
21.00			-		

Cement Detail

Cement Company:					
Slurry	# of Sacks	Weight (ppg)	Yield	Volume (ft³)	Description - Slurry Class and Additives

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



Casing / Liner Detail

Well GMBU P-2-9-17
Prospect 20 Acre
Foreman
Run Date:
String Type Surface, 8.625", 24#, J-55, STC (Generic)

- Detail From Top To Bottom -

Depth	Length	JTS	Description	OD	ID
318.12			10' KB		
10.00	1.42		Wellhead		
11.42	282.05	6	8 5/8 Casing	8.625	
273.47	43.73	1	Shoe Joint	8.625	
317.20	0.92		Guide Shoe	8.625	
318.12			-		

Cement Detail

Cement Company: Other

Slurry	# of Sacks	Weight (ppg)	Yield	Volume (ft ³)	Description - Slurry Class and Additives
Slurry 1	175	15.8	1.17	204.75	Class G+2%kcl+.25#CF

Stab-In-Job?	No	Cement To Surface?	Yes
BHT:	0	Est. Top of Cement:	0
Initial Circulation Pressure:		Plugs Bumped?	Yes
Initial Circulation Rate:		Pressure Plugs Bumped:	420
Final Circulation Pressure:		Floats Holding?	No
Final Circulation Rate:		Casing Stuck On / Off Bottom?	No
Displacement Fluid:	Water	Casing Reciprocated?	No
Displacement Rate:		Casing Rotated?	No
Displacement Volume:	16.8	CIP:	10:14
Mud Returns:		Casing Wt Prior To Cement:	
Centralizer Type And Placement:		Casing Weight Set On Slips:	

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

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

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

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	17400	4301351456	GMBU P-2-9-17	NWSW	2	9S	17E	DUCHESNE	2/11/2013	2/28/13

WELL 1 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	18930	4301350555	UTE TRIBAL 3-15-4-1W	NENW	15	4S	1W	DUCHESNE	2/5/2013	2/28/13

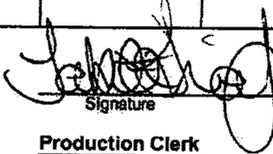
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	18929	4301350449	UTE TRIBAL 5-15-4-1W	SWNW	15	4S	1W	DUCHESNE	2/6/2013	2/28/13

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	18935	4304752031	UTE TRIBAL 10-28-4-2E	NWSE	28	4S	2E	UINTAH	2/14/2013	2/28/13

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		

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


 Signature
 Tabitha Timothy
 Production Clerk
 02/25/13

RECEIVED

FEB 26 2013

Oil, Gas & Mining

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-45555	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)	
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: GMBU P-2-9-17		
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013514560000		
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2202 FSL 0588 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 02 Township: 09.0S Range: 17.0E Meridian: S	COUNTY: DUCHESNE		
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 3/21/2013	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
The above well was placed on production on 03/21/2013 at 12:00 hours.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 19, 2013			
NAME (PLEASE PRINT) Jennifer Peatross	PHONE NUMBER 435 646-4885	TITLE Production Technician	
SIGNATURE N/A		DATE 4/19/2013	

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT **PBTVD 5775'**

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

3. Address 1401 17TH ST. SUITE 1000 DENVER, CO 80202 3a. Phone No. (include area code)
 (435) 646-3721

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface 2202' FSL & 588' FWL (NW/SW) SEC. 2, T9S, R17E (ML-45555)
 At top prod. interval reported below 1429' FSL & 198' FWL (NW/SW) SEC. 2, T9S, R17E (ML-45555)
 At total depth 1164' FSL & 75' FWL (SW/SW) SEC. 2, T9S, R17E (ML-45555)

5. Lease Serial No.
 ML-45555

6. If Indian, Allottee or Tribe Name
 7. Unit or CA Agreement Name and No.
 GMBU (GRRV)

8. Lease Name and Well No.
 GMBU P-2-9-17

9. AFI Well No.
 43-013-51456

10. Field and Pool or Exploratory
 MONUMENT BUTTE

11. Sec., T., R., M., on Block and
 Survey or Area
 SEC. 2, T9S, R17E

12. County or Parish DUCHESNE 13. State UT

14. Date Spudded 02/11/2013 15. Date T.D. Reached 03/01/2013 16. Date Completed 03/21/2013
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
 5080' GL 5090' KB

18. Total Depth: MD 5996' TVD 5864' 19. Plug Back T.D.: MD 5906' TVD 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
 DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND
 22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit report)
 Directional Survey? No Yes (Submit copy)

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	318'		175 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	5982'		415 BONDCEM 245 ECONCEM		360'	

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@ 5903'	TA @ 5804'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	4738' MD	5904' MD	4738-5904' MD	0.34"	78	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4738-5904' MD	Frac w/ 220951#s 20/40 white sand in 2531 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
3/21/13	3/31/13	24	→	97	51	82			2-1/2" x 1-3/4" x 20' x 21' x 24' RHAC Pump
Choke Size	T'bg. 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	T'bg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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

28b. Production - Interval C

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

28c. Production - Interval D

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

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

SOLD AND USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

GEOLOGICAL MARKERS

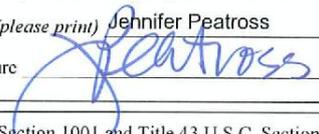
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3754' 3938'
				GARDEN GULCH 2 POINT 3	4055' 4323'
				X MRKR Y MRKR	4558' 4592'
				DOUGLAS CREEK MRK BI CARBONATE MRK	4721' 4968'
				B LIMESTONE MRK CASTLE PEAK	5095' 5566'

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) Jennifer Peatross Title Production Technician
 Signature  Date 04/22/2013

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 2 T9S, R17E

P-2-9-17

Wellbore #1

Design: Actual

End of Well Report

24 June, 2013





Payzone Directional
End of Well Report



Company:	NEWFIELD EXPLORATION	Local Co-ordinate Reference:	Well P-2-9-17
Project:	USGS Myton SW (UT)	TVD Reference:	P-2-9-17 @ 5092.0ft (NDSI SS #1)
Site:	SECTION 2 T9S, R17E	MD Reference:	P-2-9-17 @ 5092.0ft (NDSI SS #1)
Well:	P-2-9-17	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM 2003.21 Single User Db

Survey	MD (ft)	Inc (°)	Azi (azimuth)	TVD (ft)	V. Sec (ft)	N/S (ft)	EW (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
	343.0	0.10	73.40	343.0	-0.2	0.1	0.3	0.03	0.03	0.00
	374.0	0.30	33.20	374.0	-0.3	0.2	0.4	0.75	0.65	-128.68
	404.0	0.10	115.20	404.0	-0.4	0.2	0.4	1.01	-0.67	273.33
	435.0	0.10	12.60	435.0	-0.4	0.2	0.5	0.50	0.00	-330.97
	465.0	0.20	123.00	465.0	-0.4	0.2	0.5	0.84	0.33	366.00
	495.0	0.20	68.70	495.0	-0.5	0.2	0.6	0.61	0.00	-181.00
	526.0	0.20	106.00	526.0	-0.5	0.2	0.7	0.41	0.00	120.32
	556.0	0.50	187.50	556.0	-0.4	0.1	0.7	1.70	1.00	271.67
	587.0	1.00	205.10	587.0	0.0	-0.3	0.6	1.76	1.61	56.77
	617.0	1.50	200.00	617.0	0.7	-0.9	0.4	1.71	1.67	-17.00
	647.0	1.80	202.80	647.0	1.5	-1.7	0.0	1.04	1.00	9.33
	678.0	2.40	204.00	678.0	2.7	-2.8	-0.4	1.94	1.94	3.87
	709.0	2.80	196.00	709.0	4.0	-4.1	-0.9	1.74	1.29	-25.81
	739.0	3.10	198.00	739.0	5.6	-5.5	-1.3	1.06	1.00	6.67
	769.0	3.40	203.30	768.8	7.3	-7.1	-1.9	1.41	1.00	17.67
	800.0	4.00	205.20	799.8	9.3	-9.0	-2.8	1.98	1.94	6.13
	830.0	4.40	204.70	829.7	11.5	-11.0	-3.7	1.34	1.33	-1.67
	861.0	5.00	206.50	860.6	14.0	-13.2	-4.8	1.99	1.94	5.81
	892.0	5.60	204.30	891.5	16.9	-15.8	-6.0	2.04	1.94	-7.10
	922.0	6.00	205.70	921.3	19.9	-18.6	-7.3	1.41	1.33	4.67
	952.0	6.00	210.80	951.1	23.0	-21.3	-8.8	1.78	0.00	17.00
	983.0	6.20	212.60	982.0	26.3	-24.1	-10.5	0.89	0.65	5.81
	1,013.0	6.80	213.50	1,011.8	29.7	-27.0	-12.4	2.03	2.00	3.00
	1,044.0	7.30	211.40	1,042.5	33.5	-30.2	-14.4	1.81	1.61	-6.77
	1,090.0	8.40	208.60	1,088.1	39.7	-35.6	-17.5	2.53	2.39	-6.09
	1,135.0	9.10	209.60	1,132.6	46.6	-41.6	-20.9	1.59	1.56	2.22



Payzone Directional
End of Well Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 2 T9S, R17E
Well: P-2-9-17
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well P-2-9-17
P-2-9-17 @ 5092.0ft (NDSI SS #1)
P-2-9-17 @ 5092.0ft (NDSI SS #1)
True
Minimum Curvature
EDM 2003.21 Single User Db

Survey	MD (ft)	Inc (°)	Azi (azimuth)	TVD (ft)	V. Sec (ft)	N/S (ft)	EW (ft)	Dleg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
	1,179.0	9.20	211.40	1,176.0	53.5	-47.6	-24.4	0.69	0.23	4.09
	1,225.0	9.90	209.70	1,221.4	61.1	-54.2	-28.3	1.64	1.52	-3.70
	1,270.0	10.40	208.30	1,265.7	69.1	-61.2	-32.1	1.24	1.11	-3.11
	1,314.0	11.00	205.70	1,308.9	77.2	-68.4	-35.8	1.75	1.36	-5.91
	1,360.0	11.40	204.50	1,354.0	86.2	-76.5	-39.6	1.01	0.87	-2.61
	1,406.0	11.80	205.40	1,399.1	95.4	-84.9	-43.5	0.95	0.87	1.96
	1,450.0	12.20	203.70	1,442.1	104.6	-93.2	-47.3	1.21	0.91	-3.86
	1,493.0	12.40	202.90	1,484.1	113.7	-101.6	-51.0	0.61	0.47	-1.86
	1,539.0	12.40	203.10	1,529.1	123.6	-110.7	-54.8	0.09	0.00	0.43
	1,585.0	12.70	202.70	1,574.0	133.5	-119.9	-58.7	0.68	0.65	-0.87
	1,631.0	13.00	201.70	1,618.8	143.7	-129.4	-62.6	0.81	0.65	-2.17
	1,677.0	13.40	202.40	1,663.6	154.2	-139.2	-66.5	0.94	0.87	1.52
	1,722.0	13.50	201.50	1,707.4	164.7	-148.9	-70.4	0.52	0.22	-2.00
	1,766.0	13.60	201.80	1,750.1	174.9	-158.4	-74.2	0.28	0.23	0.68
	1,810.0	13.90	203.00	1,792.9	185.4	-168.1	-78.2	0.94	0.68	2.73
	1,854.0	13.50	203.60	1,835.6	195.8	-177.7	-82.3	0.96	-0.91	1.36
	1,898.0	13.20	203.60	1,878.4	205.9	-187.0	-86.4	0.68	-0.68	0.00
	1,941.0	13.00	204.20	1,920.3	215.7	-195.9	-90.3	0.56	-0.47	1.40
	1,985.0	13.20	204.40	1,963.2	225.6	-205.0	-94.5	0.47	0.45	0.45
	2,031.0	13.80	206.00	2,007.9	236.4	-214.7	-99.0	1.54	1.30	3.48
	2,075.0	13.90	208.60	2,050.6	246.9	-224.1	-103.9	1.43	0.23	5.91
	2,119.0	14.00	207.10	2,093.3	257.5	-233.4	-108.8	0.85	0.23	-3.41
	2,165.0	14.10	207.50	2,138.0	268.7	-243.4	-113.9	0.30	0.22	0.87
	2,210.0	14.50	208.60	2,181.6	279.8	-253.2	-119.2	1.07	0.89	2.44
	2,256.0	14.40	207.70	2,226.1	291.2	-263.3	-124.6	0.53	-0.22	-1.96
	2,302.0	14.10	207.50	2,270.7	302.6	-273.3	-129.8	0.66	-0.65	-0.43
	2,348.0	13.80	207.30	2,315.3	313.7	-283.2	-134.9	0.66	-0.65	-0.43



Payzone Directional
End of Well Report



Company:	NEWFIELD EXPLORATION	Local Co-ordinate Reference:	Well P-2-9-17
Project:	USGS Myton SW (UT)	TVD Reference:	P-2-9-17 @ 5092.0ft (NDSI SS #1)
Site:	SECTION 2 T9S, R17E	MD Reference:	P-2-9-17 @ 5092.0ft (NDSI SS #1)
Well:	P-2-9-17	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM 2003.21 Single User Db

Survey	MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	EW (ft)	Dleg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
	2,392.0	14.10	205.80	2,358.0	324.3	-292.7	-139.7	1.07	0.68	-3.41
	2,437.0	14.10	205.60	2,401.7	335.2	-302.5	-144.4	0.11	0.00	-0.44
	2,483.0	14.30	205.40	2,446.3	346.5	-312.7	-149.3	0.45	0.43	-0.43
	2,529.0	14.50	206.80	2,490.8	357.9	-323.0	-154.3	0.67	0.43	3.04
	2,575.0	14.70	205.90	2,535.3	369.5	-333.4	-159.5	0.66	0.43	-1.96
	2,619.0	14.20	206.00	2,578.0	380.5	-343.3	-164.3	1.14	-1.14	0.23
	2,662.0	14.00	206.90	2,619.7	391.0	-352.6	-168.9	0.69	-0.47	2.09
	2,708.0	13.10	206.90	2,664.4	401.8	-362.3	-173.8	1.96	-1.96	0.00
	2,752.0	12.50	207.20	2,707.3	411.5	-370.9	-178.2	1.37	-1.36	0.68
	2,798.0	12.60	206.50	2,752.2	421.5	-379.9	-182.8	0.40	0.22	-1.52
	2,843.0	12.80	208.30	2,796.1	431.4	-388.6	-187.3	0.99	0.44	4.00
	2,887.0	13.20	209.70	2,839.0	441.3	-397.3	-192.1	1.16	0.91	3.18
	2,933.0	13.30	210.80	2,883.7	451.8	-406.4	-197.4	0.59	0.22	2.39
	2,979.0	13.10	208.70	2,928.5	462.3	-415.5	-202.6	1.13	-0.43	-4.57
	3,025.0	13.80	209.70	2,973.3	473.0	-424.9	-207.8	1.60	1.52	2.17
	3,071.0	14.50	208.20	3,017.9	484.2	-434.7	-213.3	1.72	1.52	-3.26
	3,114.0	13.80	205.30	3,059.6	494.7	-444.1	-218.0	2.32	-1.63	-6.74
	3,158.0	13.20	205.50	3,102.3	505.0	-453.4	-222.4	1.37	-1.36	0.45
	3,204.0	13.20	207.90	3,147.1	515.5	-462.7	-227.1	1.19	0.00	5.22
	3,250.0	13.60	210.70	3,191.9	526.1	-472.0	-232.4	1.66	0.87	6.09
	3,294.0	14.10	212.90	3,234.6	536.6	-481.0	-237.9	1.65	1.14	5.00
	3,338.0	13.80	212.60	3,277.3	547.1	-489.9	-243.7	0.70	-0.66	-0.66
	3,384.0	13.20	212.80	3,322.0	557.8	-498.9	-249.5	1.31	-1.30	0.43
	3,429.0	13.00	211.00	3,366.9	568.0	-507.6	-254.8	1.01	-0.44	-4.00
	3,475.0	13.30	208.30	3,410.6	578.4	-516.7	-260.0	1.49	0.65	-5.87
	3,521.0	13.10	208.60	3,455.4	588.9	-525.9	-265.0	0.46	-0.43	0.65
	3,567.0	13.90	207.60	3,500.2	599.6	-535.4	-270.1	1.81	1.74	-2.17



Payzone Directional
End of Well Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 2 T9S, R17E
Well: P-2-9-17
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference:
TVD Reference: Well P-2-9-17
MD Reference: P-2-9-17 @ 5092.0ft (NDSI SS #1)
North Reference: P-2-9-17 @ 5092.0ft (NDSI SS #1)
Survey Calculation Method: True
Database: Minimum Curvature
EDM 2003.21 Single User Db

Survey	MD (ft)	Inc (°)	Azi (azimuth)	TVD (ft)	V. Sec (ft)	N/S (ft)	EW (ft)	Dleg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
	3,613.0	14.30	206.10	3,544.8	610.8	-545.4	-275.1	1.18	0.87	-3.26
	3,659.0	13.80	203.80	3,589.4	622.0	-555.5	-279.9	1.63	-1.09	-5.00
	3,704.0	13.70	202.40	3,633.1	632.7	-565.3	-284.1	0.77	-0.22	-3.11
	3,748.0	13.40	202.20	3,675.9	643.0	-574.9	-288.0	0.69	-0.68	-0.45
	3,792.0	12.90	204.70	3,718.7	653.0	-584.1	-291.9	1.72	-1.14	5.68
	3,836.0	13.60	203.70	3,761.6	663.0	-593.3	-296.1	1.67	1.59	-2.27
	3,880.0	13.40	202.80	3,804.3	673.3	-602.7	-300.1	0.66	-0.45	-2.05
	3,924.0	13.50	201.80	3,847.1	683.5	-612.2	-304.0	0.58	0.23	-2.27
	3,970.0	13.70	204.40	3,891.8	694.3	-622.1	-308.3	1.40	0.43	5.65
	4,015.0	14.10	207.50	3,935.5	705.1	-631.8	-313.0	1.88	0.89	6.89
	4,061.0	14.30	209.30	3,980.1	716.4	-641.8	-318.4	1.05	0.43	3.91
	4,107.0	14.50	208.70	4,024.7	727.8	-651.8	-323.9	0.54	0.43	-1.30
	4,153.0	13.80	209.90	4,069.3	739.0	-661.6	-329.4	1.65	-1.52	2.61
	4,197.0	13.40	208.70	4,112.1	749.4	-670.6	-334.5	1.11	-0.91	-2.73
	4,241.0	13.20	210.50	4,154.9	759.5	-679.4	-339.5	1.05	-0.45	4.09
	4,286.0	12.80	208.60	4,198.7	769.6	-688.2	-344.5	1.30	-0.89	-4.22
	4,330.0	12.60	206.90	4,241.6	779.2	-696.8	-349.0	0.96	-0.45	-3.86
	4,376.0	12.40	209.20	4,286.6	789.2	-705.5	-353.6	1.17	-0.43	5.00
	4,420.0	11.90	209.90	4,329.6	798.4	-713.6	-358.2	1.18	-1.14	1.59
	4,466.0	12.00	211.50	4,374.6	807.9	-721.8	-363.1	0.75	0.22	3.48
	4,511.0	12.20	209.60	4,418.6	817.3	-729.9	-367.9	0.99	0.44	-4.22
	4,555.0	12.40	206.10	4,461.6	826.7	-738.2	-372.2	1.75	0.45	-7.95
	4,601.0	13.10	206.90	4,506.4	836.8	-747.3	-376.8	1.57	1.52	1.74
	4,646.0	13.30	206.50	4,550.2	847.1	-756.5	-381.4	0.49	0.44	-0.89
	4,692.0	13.70	203.50	4,595.0	857.9	-766.2	-385.9	1.75	0.87	-6.52
	4,736.0	14.30	203.30	4,637.7	868.5	-776.0	-390.1	1.37	1.36	-0.45
	4,780.0	14.90	203.40	4,680.2	879.6	-786.1	-394.5	1.36	1.36	0.23





Payzone Directional
End of Well Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 2 T9S, R17E
Well: P-2-9-17
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well P-2-9-17
TVD Reference: P-2-9-17 @ 5092.0ft (NDSI SS #1)
MD Reference: P-2-9-17 @ 5092.0ft (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)	EW (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
	4,824.0	14.70	204.00	4,722.8	890.8	-796.4	-399.1	0.57	-0.45	1.36
	4,870.0	14.40	204.70	4,767.3	902.3	-807.0	-403.8	0.76	-0.65	1.52
	4,913.0	14.00	202.80	4,809.0	912.9	-816.6	-408.1	1.43	-0.93	-4.42
	4,957.0	13.60	202.40	4,851.7	923.4	-826.3	-412.1	0.93	-0.91	-0.91
	5,001.0	13.10	203.00	4,894.5	933.5	-835.7	-416.0	1.18	-1.14	1.36
	5,045.0	12.70	204.70	4,937.4	943.3	-844.7	-420.0	1.25	-0.91	3.86
	5,089.0	12.20	205.00	4,980.4	952.8	-853.3	-424.0	1.15	-1.14	0.68
	5,134.0	12.40	205.30	5,024.4	962.4	-861.9	-428.1	0.47	0.44	0.67
	5,177.0	12.40	204.00	5,066.3	971.6	-870.3	-431.9	0.65	0.00	-3.02
	5,220.0	13.10	205.10	5,106.3	981.1	-879.0	-435.9	1.72	1.63	2.56
	5,266.0	13.10	207.30	5,153.1	991.5	-888.3	-440.5	1.08	0.00	4.78
	5,312.0	13.00	208.00	5,197.9	1,001.9	-897.5	-445.3	0.41	-0.22	1.52
	5,356.0	12.70	205.50	5,240.8	1,011.7	-906.3	-449.7	1.44	-0.68	-5.68
	5,401.0	13.00	205.70	5,284.7	1,021.7	-915.3	-454.0	0.67	0.67	0.44
	5,445.0	12.90	207.00	5,327.6	1,031.5	-924.1	-458.4	0.70	-0.23	2.95
	5,490.0	12.00	207.50	5,371.5	1,041.2	-932.7	-462.8	2.01	-2.00	1.11
	5,533.0	11.40	204.70	5,413.6	1,050.0	-940.6	-466.7	1.92	-1.40	-6.51
	5,579.0	11.90	205.20	5,456.7	1,059.3	-949.0	-470.6	1.11	1.09	1.09
	5,625.0	13.00	205.50	5,503.6	1,069.2	-958.0	-474.8	2.40	2.39	0.65
	5,671.0	14.00	205.90	5,548.3	1,079.9	-967.6	-479.5	2.18	2.17	0.87
	5,715.0	14.50	205.40	5,590.9	1,090.7	-977.4	-484.2	1.17	1.14	-1.14
	5,760.0	14.20	206.90	5,634.5	1,101.9	-987.4	-489.1	1.06	-0.67	3.33
	5,804.0	14.40	205.60	5,677.2	1,112.8	-997.2	-493.9	0.86	0.45	-2.95
	5,848.0	14.00	203.60	5,719.8	1,123.5	-1,007.0	-498.4	1.44	-0.91	-4.55
	5,892.0	13.80	205.00	5,762.5	1,134.1	-1,016.6	-502.7	0.89	-0.45	3.18
	5,942.0	12.90	205.70	5,811.2	1,145.7	-1,027.0	-507.7	1.83	-1.80	1.40



Payzone Directional
End of Well Report



Company: NEWFIELD EXPLORATION Project: USGS Myton SW (UT) Site: SECTION 2 T9S, R17E Well: P-2-9-17 Wellbore: Wellbore #1 Design: Actual	Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: Survey Calculation Method: Database:	Well P-2-9-17 P-2-9-17 @ 5092.0ft (NDSI SS #1) P-2-9-17 @ 5092.0ft (NDSI SS #1) True Minimum Curvature EDM 2003.21 Single User Db
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Survey	MWD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	EW (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
P-2-9-17 TGT	5,985.1	12.90	205.70	5,863.0	1,157.5	-1,037.7	-512.8	0.00	0.00	0.00
5,996.0	12.90	205.70	5,863.8	1,157.7	-1,037.9	-512.9	0.00	0.00	0.00	

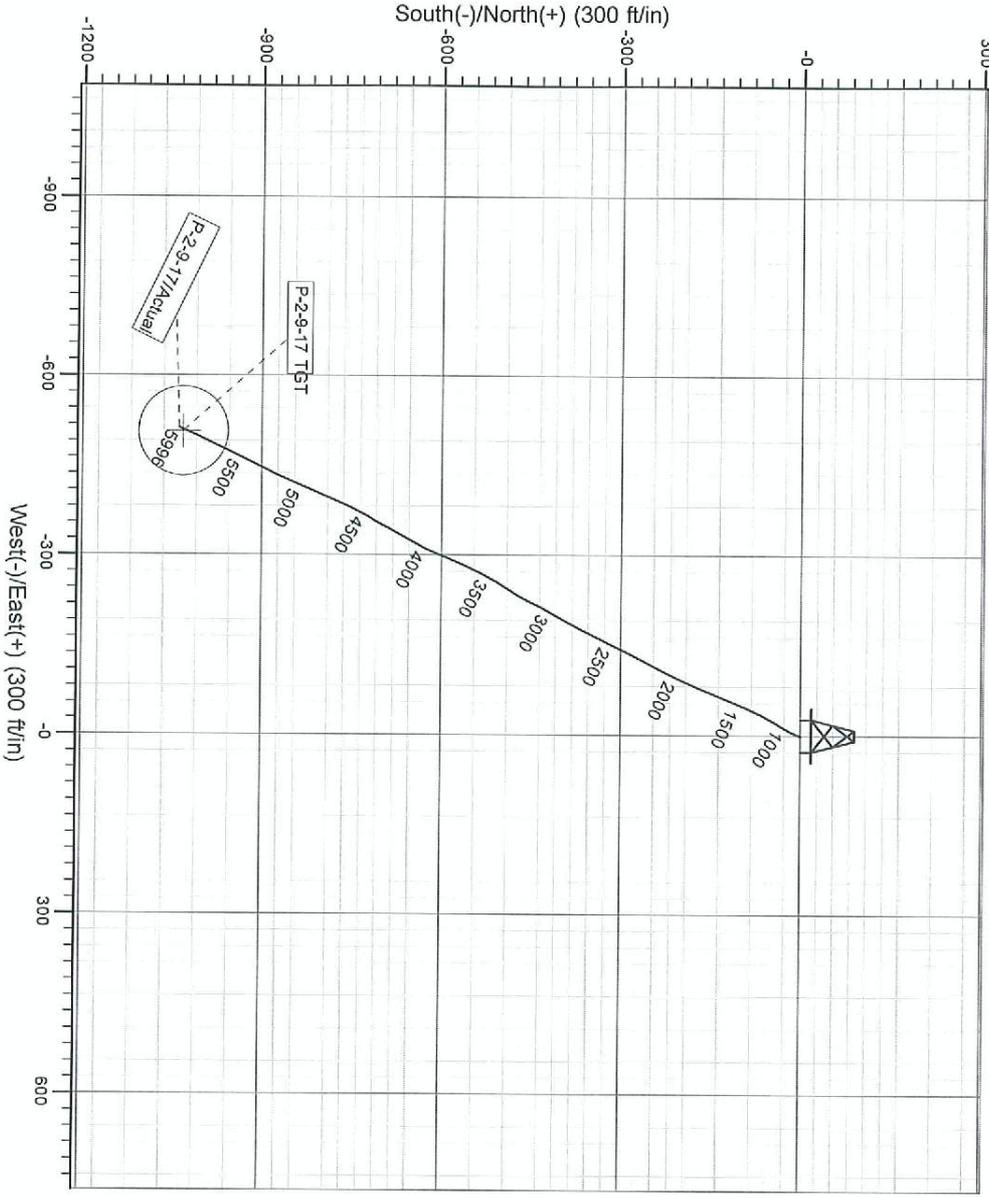
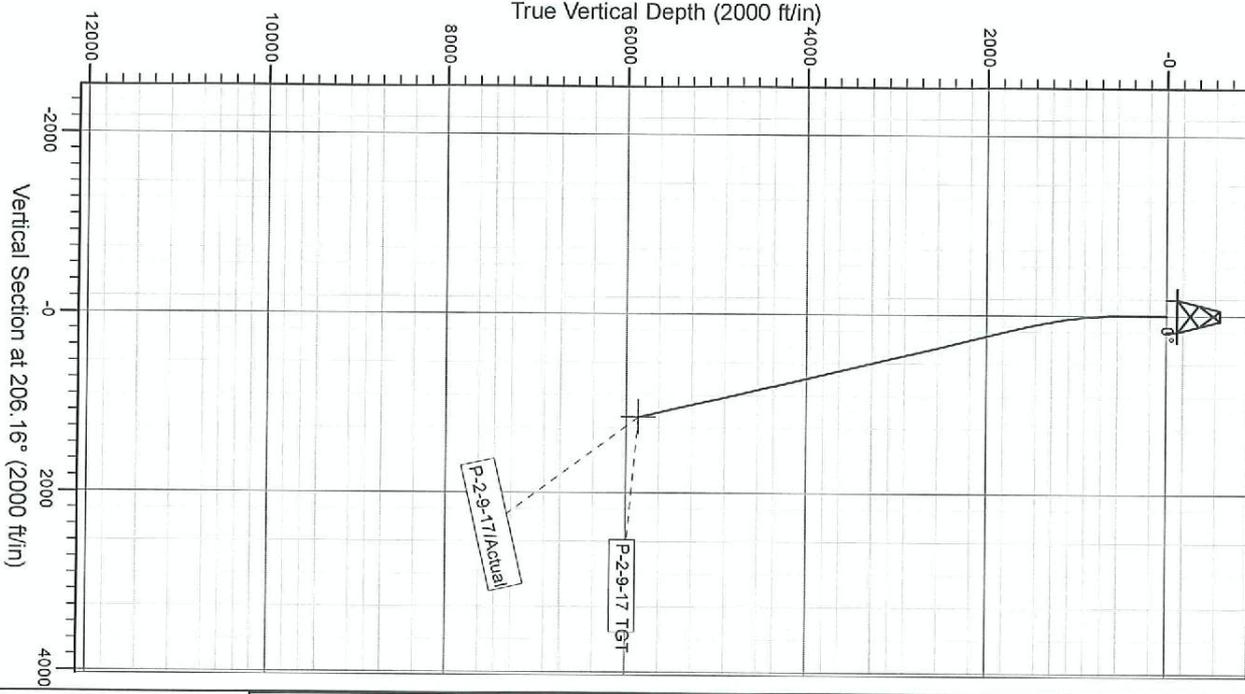
Checked By: _____ Approved By: _____ Date: _____



Project: USGS Myton SW (UT)
 Site: SECTION 2 T9S, R17E
 Well: P-2-9-17
 Wellbore: Wellbore #1
 Design: Actual



Azimuths to True North
 Magnetic North: 11.16°
 Magnetic Field
 Strength: 52200.5nT
 Dip Angle: 65.80°
 Date: 5/21/2012
 Model: IGRF2010



Design: Actual (P-2-9-17/Wellbore #1)

Created By: *Scott Wall* Date: 10:10, June 24 2013

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

Daily Activity Report**Format For Sundry****GMBU P-2-9-17****1/1/2013 To 5/30/2013****3/14/2013 Day: 1****Completion**

Rigless on 3/14/2013 - CBL/psi test & perforate stg 1. - RU Weatherford test trailer. Test hydraulic BOP cavities-good. Load & test csg to 4300# against bottom of BOP for 30 min-good. Test against bottom of frac valve-good. Test csg valve-good. - RIH w/CBL tools. Bond log from 5906' to surface under 0 psi. SJ @ 3479.5-89'. Estimated cement top @ 360', 39' below surface csg (emailed copy of log to Robin Hansen @ BLM). - MIRU Xtreme wireline. - RD wireline & test trailer. - RIH w/3 1/8" slick guns (16g, 0.34 EH, 21.00 pen). Perforate stg 1 @ CP5, 5902-04', 5895-98' for a total of 15 shots. POOH w/wireline.

Daily Cost: \$0**Cumulative Cost:** \$32,571**3/15/2013 Day: 2****Completion**

Rigless on 3/15/2013 - Frac stg 1-5, flowback well - Stage #3, A1/A3 sands. 1538 psi on well. Frac A1/A3 sds w/ 37,823#s of 20/40 White sand in 225 bbls of Lightning 17 fluid. Broke @ 2505 psi @ 2.8 BPM. Treated w/ ave pressure of 2646 psi @ ave rate of 31.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISDP 2140 psi. FG=.84, 5 min SIP 1920 psi, 10 min SIP 1831 psi, 15 min SIP 1770 psi. Leave pressure on well. RU Xtreme WLT, crane & lubricator. Pressure test lubricator to 4000 psi w/Baker Hughes blender. RIH w/ Weatherford 5-1/2" 5K total composite flow through frac plug, perf guns. Set plug @ 5010'. Perforate C snds @ 4922-24?, 4933-36' w/ 3 1/8" slick guns (16g, 0.34 EH, 21.00 pen) w/ 3 spf for total of 15 shots. 462 total BWTR - Stage #4, C sands. 1603 psi on well. Frac C 58,sds w/ 57,395#s of 20/40 White sand in 334 bbls of Lightning 17 fluid. Broke @ 2509 psi @ 13.6 BPM. Treated w/ ave pressure of 2779 psi @ ave rate of 31.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISDP 2805 psi. FG=.1.0, 5 min SIP 2574 psi, 10 min SIP 2309 psi, 15 min SIP 2089 psi. Leave pressure on well. RU Xtreme WLT, crane & lubricator. Pressure test lubricator to 4000 psi w/Baker Hughes blender. RIH w/ Weatherford 5-1/2" 5K total composite flow through frac plug, perf guns. Set plug @ 4840'. Perforate D1 snds @ 4738-41?, 4746-48?, 4754-56' w/ 3 1/8" slick guns (16g, 0.34 EH, 21.00 pen) w/ 3 spf for total of 18 shots. 538 total BWTR - Stage #5, D1 sands. 1580 psi on well. Frac D1 58,sds w/ 61,804#s of 20/40 White sand in 359 bbls of Lightning 17 fluid. Broke @ 1878 psi @ 4.1 BPM. Treated w/ ave pressure of 2828 psi @ ave rate of 33.5 BPM. ISDP 2411 psi. FG=.94, 5 min SIP 2175 psi, 10 min SIP 2081 psi, 15 min SIP 2024 psi. 571 total BWTR - Stage #2, CP1 sands. 1550 psi on well. Frac CP1 sds w/ 32,334#s of 20/40 White sand in 190 bbls of Lightning 17 fluid. Broke @ 1675 psi @ 3.9 BPM. Treated w/ ave pressure of 2459 psi @ ave rate of 31.6 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISDP 1747 psi. FG=.74, 5 min SIP 1590 psi, 10 min SIP 1596 psi, 15 min SIP 1588 psi. Leave pressure on well. RU Xtreme WLT, crane & lubricator. Pressure test lubricator to 4000 psi w/Baker Hughes blender. RIH w/ Weatherford 5-1/2" 5K total composite flow through frac plug, perf guns. Set plug @ 5340'. Perforate A1/A3 @ 5214-16?, 5258-61' w/ 3 1/8" slick guns (16g, 0.34 EH, 21.00 pen) w/ 3 spf for total of 15 shots. 400 total BWTR - Stage #1, CP5 sands. 110 psi on well. Frac CP5 sds w/ 30,490#s of 20/40 White sand in 183 bbls of Lightning 17 fluid. Broke @ 3624 psi @ 2.3 BPM. ISIP 2086 psi, FG=.78, 1 min SIP 1164 psi, 4 min SIP 973 psi. Treated w/ ave pressure of 2626 psi @ ave rate of 27.6 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISDP 2059 psi. FG=.78, 5 min SIP 1832 psi, 10 min SIP 1809 psi, 15 min SIP 1796 psi. Leave pressure on well. RU Xtreme WLT, crane & lubricator. Pressure test lubricator to 4000 psi w/Baker Hughes blender. RIH w/ Weatherford 5-1/2" 5K total composite flow through frac plug, perf guns. Set plug @ 5720'. Perforate CP1 @ 5626-28?, 5636-39' w/ 3 1/8" slick guns

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(16g, 0.34 EH, 21.00 pen) w/ 3 spf for total of 15 shots. 523 total BWTR - Psi test frac iron to 5200#-good test. Test pump kick-outs-good test. - Flowback well, return approx. 1900 bbls. - RU Baker Hughes frac iron - Safety meeting

Daily Cost: \$0

Cumulative Cost: \$124,909

3/19/2013 Day: 3

Completion

Nabors #1406 on 3/19/2013 - MIRUSU, test stack, RIH w/tbg, tag KP - S/I T-sill, S/I rig, RU stretch guy lines, RU floor & tbg equip. - RU pump & hardline, SWIFN - Crew travel - RU Xtreme wireline. RIH w/Weatherford 5-1/2" 5K bridge plug. Set KP @ 4650'. Bleed off well. Negative test good. RD wireline. - MISU, ND frac valve, NU BOPs - PU & RIH w/bit (new) bit sub, 1 jnt, XN, 148 jnts tbg, Tag KP @ 4650, LD 1 jnt - Land tbg hanger w/BP valve, RU 4G Torque & Test, psi test BOPs & TIW valve-good test - RU lifting ram, x/o to tbg equip. S/I pipe racks - unload tbg, prep & tally tbg

Daily Cost: \$0

Cumulative Cost: \$134,955

3/20/2013 Day: 4

Completion

Nabors #1406 on 3/20/2013 - Drill up 5 plugs, circ well clean - Crew travel & safety meeting - FLOW BACK WELL UNTIL DEAD (35 BW FLOWBACK) WINTERIZE PUMP. SIW. - Crew travel - GO TO ROD HANDLING CLASS - R/D POWER SWIVEL, L/D 3 JNTS - ROLL HOLE W/ 150 B/W UNTIL RETURNS WERE CLEAN. - ROLL 20 B.W TO CATCH CIRCULATION & DRILL K.P @ 4650' ON JNT 149. D/O @ 8:10. (ROLL HOLE FOR 10 MINS TO DISSAPATE KICK) S/I MAKING CONNECTIONS & DRILL F/T PLUG #1 @4,840' ON JNT 155. D/O @ 8:57 (NO FILL). S/I MAKING CONNECTIONS & DRILL F/T PLUG #2 @5,010' ON JNT 160. D/O @ 9:52. (NO FILL). S/I MAKING CONNECTIONS & DRILL F/T PLUG #3 @5,340' ON JNT 171. D/O @ 10:33 (NO FILL). S/I MAKING CONNECTIONS & DRILL F/T PLUG #4 @ 5,720' JNT 183. D/O @ 11:26 (NO FILL). S/I MAKING CONNECTIONS TO PBSD @5,958' JNT 191 (60' FILL) - R/U POWER SWIVEL, TIE UP HOSES, P/U JNT 149, MAKE CONNECTION

Daily Cost: \$0

Cumulative Cost: \$146,315

3/21/2013 Day: 5

Completion

Nabors #1406 on 3/21/2013 - Clean out to PBSD, RT tbg, hang tbg, RIH w/production string. - TBG 500 PSI, CSG 600 PSI, OPEN UP TBG TO FLOW, FLOW BACK 140 BBLS - PU 3 JNTS, NO FILL, ROLL HOLE 130 BBLS FRESH - SPOT IN ROD TRAILER, X -O ROD EQUIPMENT, PU AND PRIME NEW 2.5 X 1.75 X RHAC X 24' PUMP, RIH W/ 28 7/8" 8PERS, 129 3/4" 4PERS, AND 75 7/8" 4PERS, SPACE OUT, NO SUBS, PU 30FT X 1 1/2" POLISH ROD, SWIFN, SDFN - Crew travel - LD 3 JNTS, POOH W/ 188 JNTS, BIT SUB/ BIT - Crew travel & safety meeting - TEST VOID 800 PSI W/ RIG PUMP (GOOD) - RIH W/ NC, 2 JNTS, SN, 1 JNT, TAC, 185 MOTE JNTS 2 7/8" J -55 - SET TAC FROM FLOOR, RD WORKFLOOR, ND BOP, ND BLIND RAM, REMOVE 4 FT SUB FROM WELL, LAND WELL, RU WELLHEAD, 10FT KB 185 JNTS, TAC @ 5804.18, 1 JNT, SN @ 5838.43, EOT @ 5902.38

Daily Cost: \$0

Cumulative Cost: \$228,189

3/22/2013 Day: 6

Completion

Nabors #1406 on 3/22/2013 - PWOP - Crew travel & safety meeting - RD, clean up location -

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Hang horse head, NU unit, stroke well up to 800 psi-good **Finalized**

Daily Cost: \$0

Cumulative Cost: \$234,887

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