

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

FORM 3

AMENDED REPORT

<b>APPLICATION FOR PERMIT TO DRILL</b>						<b>1. WELL NAME and NUMBER</b> GMBU P-14-9-15				
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						<b>3. FIELD OR WILDCAT</b> MONUMENT BUTTE				
<b>4. TYPE OF WELL</b> Oil Well      Coalbed Methane Well: NO						<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b> GMBU (GRRV)				
<b>6. NAME OF OPERATOR</b> NEWFIELD PRODUCTION COMPANY						<b>7. OPERATOR PHONE</b> 435 646-4825				
<b>8. ADDRESS OF OPERATOR</b> Rt 3 Box 3630 , Myton, UT, 84052						<b>9. OPERATOR E-MAIL</b> mcrozier@newfield.com				
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> UTU-66184			<b>11. MINERAL OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			<b>12. SURFACE OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>				
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>						<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>				
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>						<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>				
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>			<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			<b>19. SLANT</b> VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
<b>20. LOCATION OF WELL</b>		<b>FOOTAGES</b>		<b>QTR-QTR</b>	<b>SECTION</b>	<b>TOWNSHIP</b>	<b>RANGE</b>	<b>MERIDIAN</b>		
LOCATION AT SURFACE		763 FSL 423 FEL		SESE	15	9.0 S	15.0 E	S		
Top of Uppermost Producing Zone		1176 FSL 125 FEL		SESE	15	9.0 S	15.0 E	S		
At Total Depth		1561 FSL 172 FWL		NWSW	14	9.0 S	15.0 E	S		
<b>21. COUNTY</b> DUCHESNE			<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 241			<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 20				
<b>27. ELEVATION - GROUND LEVEL</b> 6282			<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 1038			<b>26. PROPOSED DEPTH</b> MD: 6115    TVD: 6020				
<b>28. BOND NUMBER</b> WYB000493			<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 437478							
<b>Hole, Casing, and Cement Information</b>										
<b>String</b>	<b>Hole Size</b>	<b>Casing Size</b>	<b>Length</b>	<b>Weight</b>	<b>Grade &amp; Thread</b>	<b>Max Mud Wt.</b>	<b>Cement</b>	<b>Sacks</b>	<b>Yield</b>	<b>Weight</b>
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 - 6115	15.5	J-55 LT&C	8.3	Premium Lite High Strength	284	3.26	11.0
							50/50 Poz	363	1.24	14.3
<b>ATTACHMENTS</b>										
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>										
<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					
<b>NAME</b> Mandie Crozier				<b>TITLE</b> Regulatory Tech			<b>PHONE</b> 435 646-4825			
<b>SIGNATURE</b>				<b>DATE</b> 07/16/2012			<b>EMAIL</b> mcrozier@newfield.com			
<b>API NUMBER ASSIGNED</b> 43013515660000				<b>APPROVAL</b> <div style="text-align: right;">                       Permit Manager                 </div>						

NEWFIELD PRODUCTION COMPANY  
GMBU P-14-9-15  
AT SURFACE: SE/SE SECTION 15, T9S R15E  
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

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

Uinta	0' – 1560'
Green River	1560'
Wasatch	6210'
<b>Proposed TD</b>	<b>6115'</b>

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

Green River Formation (Oil)	1560' – 6210'
-----------------------------	---------------

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 <sub>3</sub> ) (mg/l)
Dissolved Bicarbonate (NaHCO <sub>3</sub> ) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO <sub>4</sub> ) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. **PROPOSED CASING PROGRAM**

**a. Casing Design: GMBU P-14-9-15**

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	300'	24.0	J-55	STC	2,950 17.53	1,370 14.35	244,000 33.89
Prod casing 5-1/2"	0'	6,115'	15.5	J-55	LTC	4,810 2.47	4,040 2.08	217,000 2.29

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-14-9-15**

Job	Fill	Description	Sacks	OH Excess*	Weight (ppg)	Yield (ft <sup>3</sup> /sk)
			ft <sup>3</sup>			
Surface casing	300'	Class G w/ 2% CaCl	138	30%	15.8	1.17
			161			
Prod casing Lead	4,115'	Prem Lite II w/ 10% gel + 3% KCl	284	30%	11.0	3.26
			927			
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363	30%	14.3	1.24
			451			

\*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  $\pm 300$  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  $\pm 300$  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:**

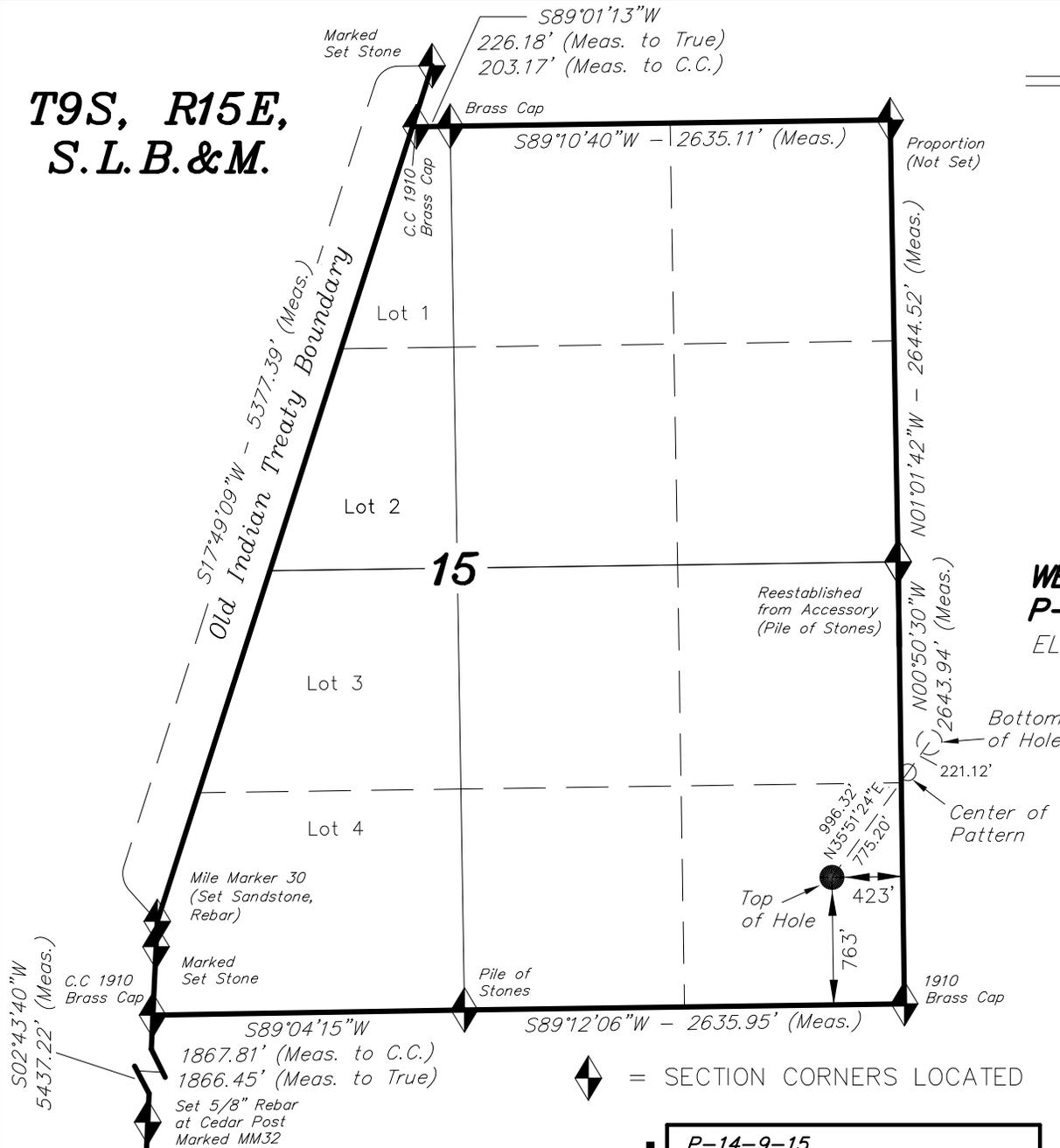
No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated

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.

**T9S, R15E,  
S.L.B.&M.**



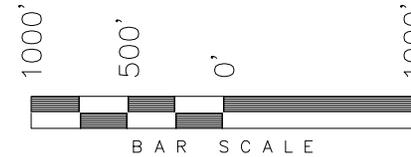
BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

◆ = SECTION CORNERS LOCATED

**P-14-9-15**  
 (Surface Location) NAD 83  
 LATITUDE = 40° 01' 32.66"  
 LONGITUDE = 110° 12' 37.22"

**NEWFIELD EXPLORATION COMPANY**

WELL LOCATION, P-14-9-15, LOCATED AS SHOWN IN THE SE 1/4 SE 1/4 OF SECTION 15, T9S, R15E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



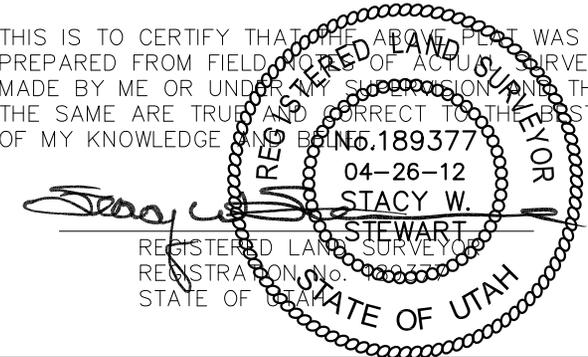
**NOTES:**

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

**WELL LOCATION:  
P-14-9-15**

ELEV. EXIST. GRADED GROUND = 6282'

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



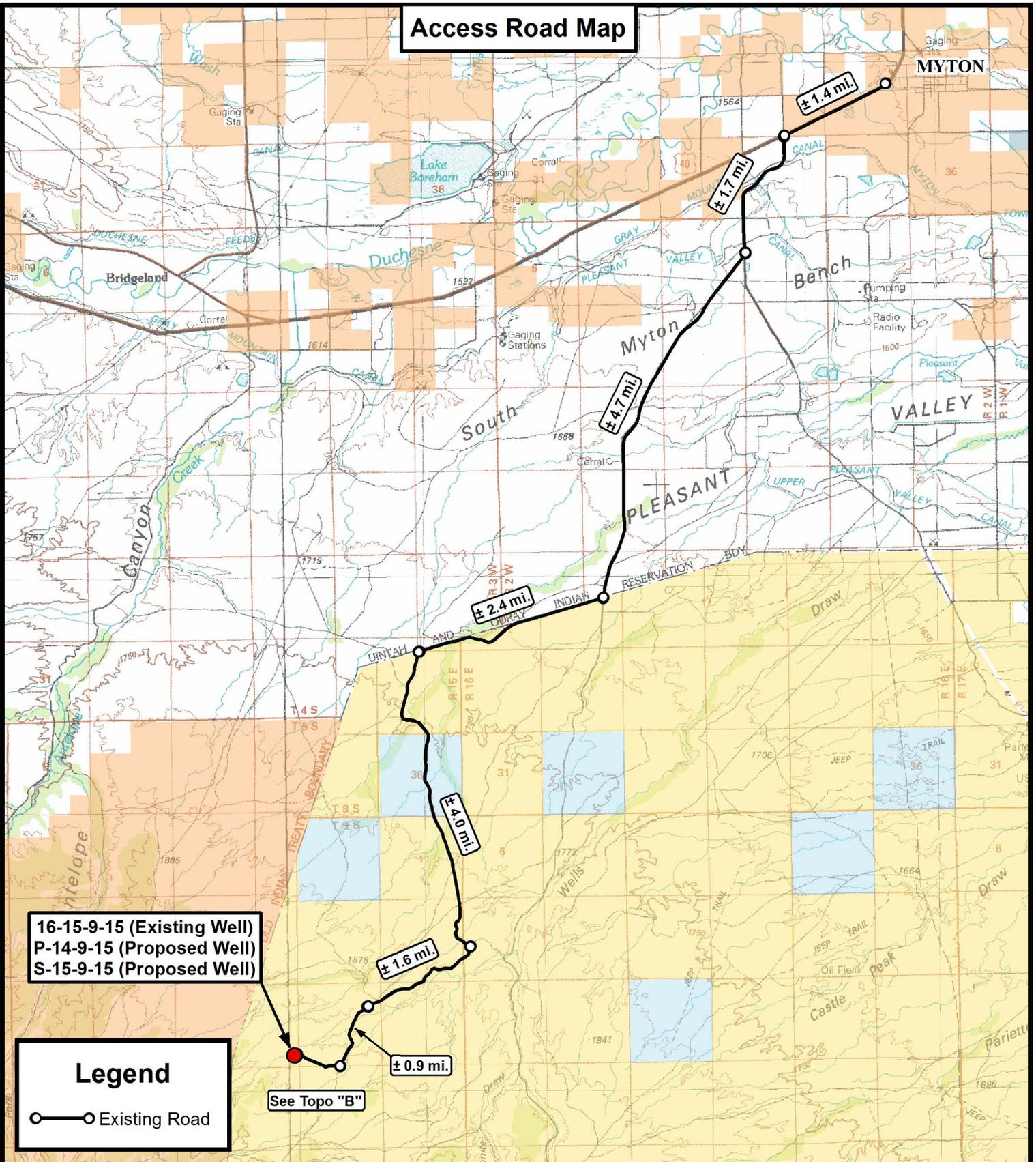
**TRI STATE LAND SURVEYING & CONSULTING**

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

DATE SURVEYED: 03-07-12	SURVEYED BY: W.H.	VERSION:
DATE DRAWN: 04-26-12	DRAWN BY: M.W.	V2
REVISED:	SCALE: 1" = 1000'	



**Access Road Map**



16-15-9-15 (Existing Well)  
 P-14-9-15 (Proposed Well)  
 S-15-9-15 (Proposed Well)

**Legend**

○—○ Existing Road

● See Topo "B"

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

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**NEWFIELD EXPLORATION COMPANY**

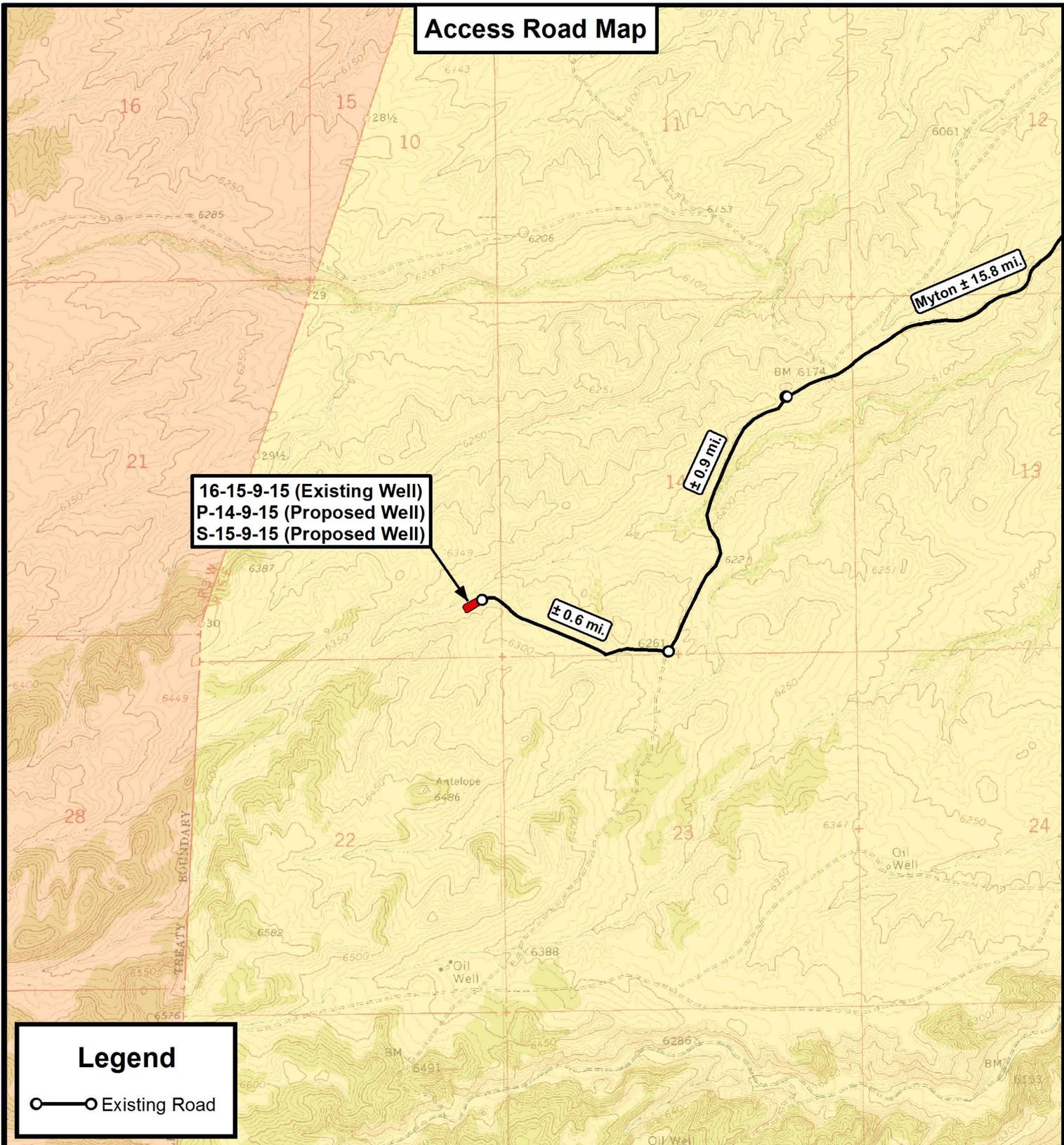
16-15-9-15 (Existing Well)  
 P-14-9-15 (Proposed Well)  
 S-15-9-15 (Proposed Well)  
 SEC. 15, T9S, R15E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	04-26-2012		<b>V2</b>
SCALE:	1:100,000		

**TOPOGRAPHIC MAP**

SHEET  
**A**

**Access Road Map**



**16-15-9-15 (Existing Well)**  
**P-14-9-15 (Proposed Well)**  
**S-15-9-15 (Proposed Well)**

**Myton ± 15.8 mi.**

**± 0.9 mi.**

**± 0.6 mi.**

**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

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DRAWN BY: D.C.R.	REVISED: 04-26-12 A.P.C.	VERSION:
DATE: 03-15-2012		<b>V2</b>
SCALE: 1" = 2,000'		



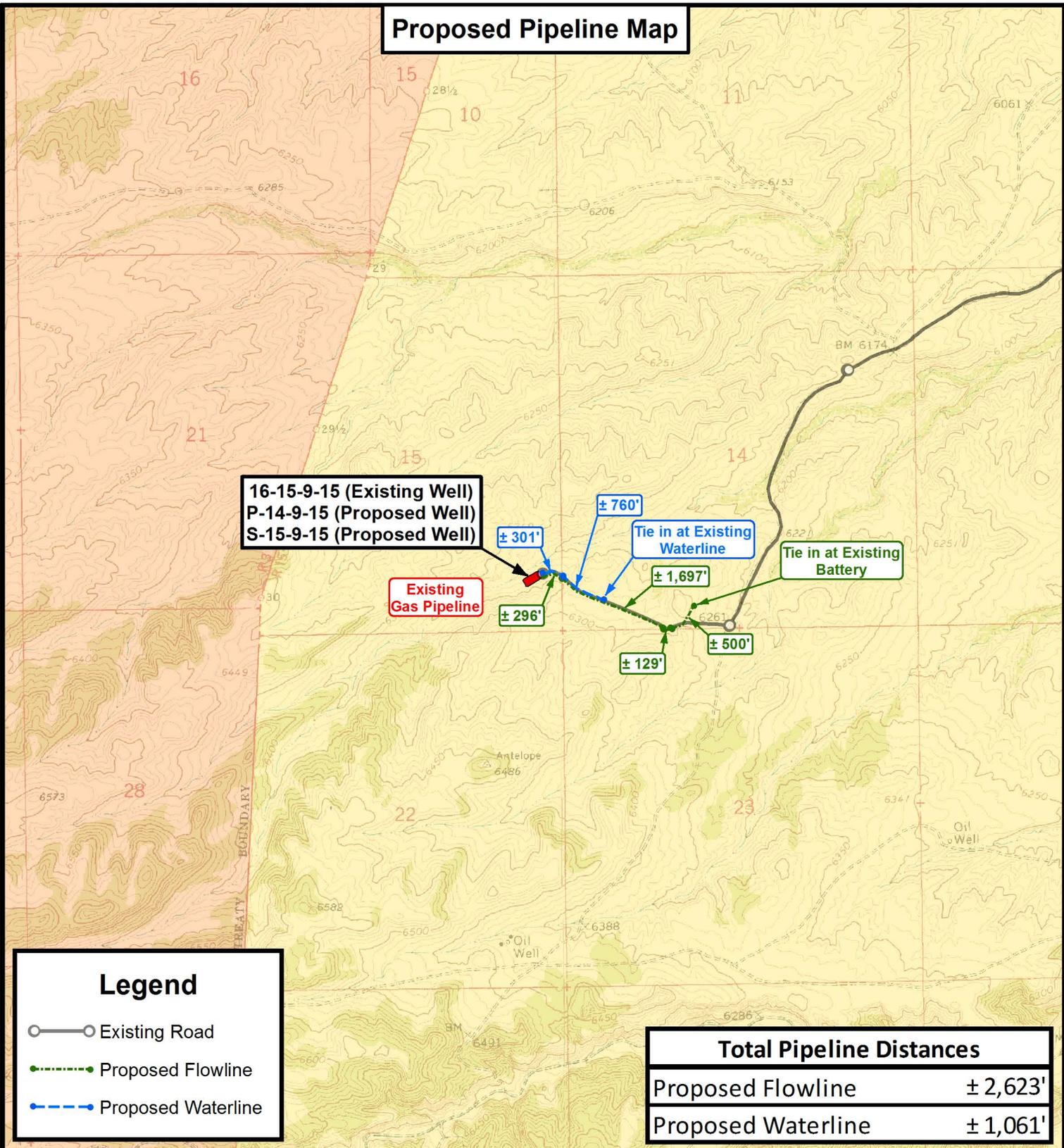
**NEWFIELD EXPLORATION COMPANY**

16-15-9-15 (Existing Well)  
 P-14-9-15 (Proposed Well)  
 S-15-9-15 (Proposed Well)

SEC. 15, T9S, R15E, S.L.B.&M. Duchesne County, UT.

<b>TOPOGRAPHIC MAP</b>	SHEET <b>B</b>
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**Proposed Pipeline Map**



**16-15-9-15 (Existing Well)  
P-14-9-15 (Proposed Well)  
S-15-9-15 (Proposed Well)**

**Existing Gas Pipeline**

± 760'

Tie in at Existing Waterline

Tie in at Existing Battery

± 301'

± 1,697'

± 296'

± 129'

± 500'

**Legend**

- Existing Road
- Proposed Flowline
- Proposed Waterline

Total Pipeline Distances	
Proposed Flowline	± 2,623'
Proposed Waterline	± 1,061'

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

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

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**NEWFIELD EXPLORATION COMPANY**

16-15-9-15 (Existing Well)  
P-14-9-15 (Proposed Well)  
S-15-9-15 (Proposed Well)

SEC. 15, T9S, R15E, S.L.B.&M. Duchesne County, UT.

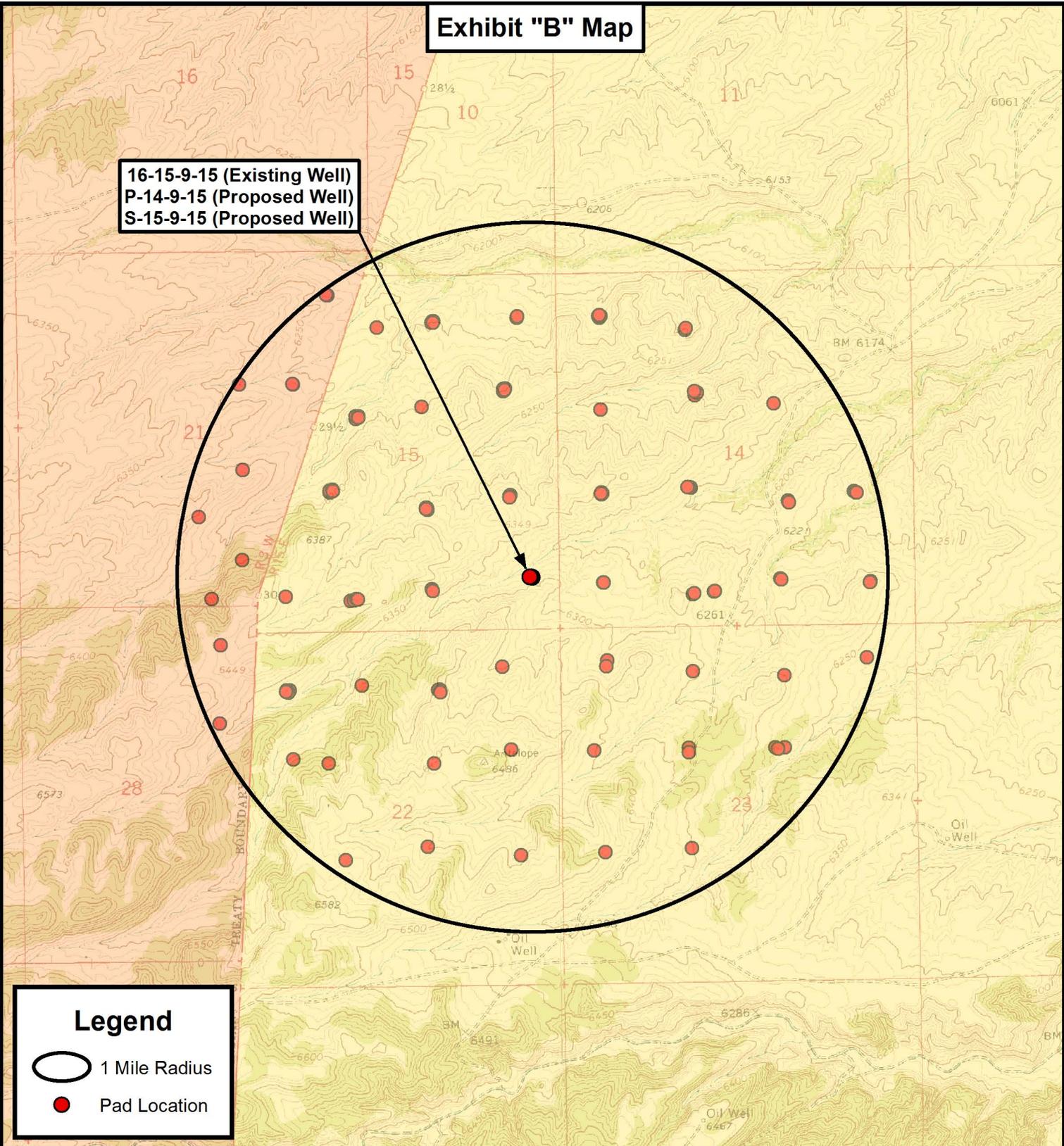
DRAWN BY:	D.C.R.	REVISED:	04-26-12 A.P.C.	VERSION:	
DATE:	03-15-2012			<b>V2</b>	
SCALE:	1" = 2,000'				

**TOPOGRAPHIC MAP**

SHEET **C**

**Exhibit "B" Map**

**16-15-9-15 (Existing Well)**  
**P-14-9-15 (Proposed Well)**  
**S-15-9-15 (Proposed Well)**



**Legend**

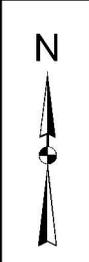
-  1 Mile Radius
-  Pad Location

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**NEWFIELD EXPLORATION COMPANY**

16-15-9-15 (Existing Well)  
 P-14-9-15 (Proposed Well)  
 S-15-9-15 (Proposed Well)

SEC. 15, T9S, R15E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	04-26-2012		<b>V2</b>
SCALE:	1" = 2,000'		

**TOPOGRAPHIC MAP**

SHEET **D**



# **NEWFIELD EXPLORATION**

**USGS Myton SW (UT)  
SECTION 15 T9S, R15E  
P-14-9-15**

**Wellbore #1**

**Plan: Design #1**

## **Standard Planning Report**

**23 April, 2012**





**Payzone Directional**  
Planning Report



<b>Database:</b>	EDM 2003.21 Single User Db	<b>Local Co-ordinate Reference:</b>	Well P-14-9-15
<b>Company:</b>	NEWFIELD EXPLORATION	<b>TVD Reference:</b>	P-14-9-15 @ 6294.0ft (Original Well Elev)
<b>Project:</b>	USGS Myton SW (UT)	<b>MD Reference:</b>	P-14-9-15 @ 6294.0ft (Original Well Elev)
<b>Site:</b>	SECTION 15 T9S, R15E	<b>North Reference:</b>	True
<b>Well:</b>	P-14-9-15	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

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

<b>Site</b>	SECTION 15 T9S, R15E, SEC 15 T9S, R15E				
<b>Site Position:</b>		<b>Northing:</b>	7,182,500.00 ft	<b>Latitude:</b>	40° 1' 50.727 N
<b>From:</b>	Map	<b>Easting:</b>	1,999,400.00 ft	<b>Longitude:</b>	110° 13' 4.516 W
<b>Position Uncertainty:</b>	0.0 ft	<b>Slot Radius:</b>	"	<b>Grid Convergence:</b>	0.82 °

<b>Well</b>	P-14-9-15, SHL LAT: 40 01 32.66 LONG: -110 12 37.22					
<b>Well Position</b>	<b>+N/-S</b>	-1,828.1 ft	<b>Northing:</b>	7,180,702.66 ft	<b>Latitude:</b>	40° 1' 32.660 N
	<b>+E/-W</b>	2,123.1 ft	<b>Easting:</b>	2,001,549.25 ft	<b>Longitude:</b>	110° 12' 37.220 W
<b>Position Uncertainty</b>		0.0 ft	<b>Wellhead Elevation:</b>	6,294.0 ft	<b>Ground Level:</b>	6,282.0 ft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	4/23/2012	11.26	65.73	52,148

<b>Design</b>	Design #1				
<b>Audit Notes:</b>					
<b>Version:</b>	<b>Phase:</b>	PROTOTYPE	<b>Tie On Depth:</b>	0.0	
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>	
	4,900.0	0.0	0.0	35.86	

<b>Plan Sections</b>										
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	
1,344.5	11.17	35.86	1,339.8	58.6	42.4	1.50	1.50	0.00	35.86	
4,973.4	11.17	35.86	4,900.0	628.3	454.1	0.00	0.00	0.00	0.00	P-14-9-15 TGT
6,115.0	11.17	35.86	6,020.0	807.5	583.6	0.00	0.00	0.00	0.00	



**Payzone Directional**  
Planning Report



<b>Database:</b>	EDM 2003.21 Single User Db	<b>Local Co-ordinate Reference:</b>	Well P-14-9-15
<b>Company:</b>	NEWFIELD EXPLORATION	<b>TVD Reference:</b>	P-14-9-15 @ 6294.0ft (Original Well Elev)
<b>Project:</b>	USGS Myton SW (UT)	<b>MD Reference:</b>	P-14-9-15 @ 6294.0ft (Original Well Elev)
<b>Site:</b>	SECTION 15 T9S, R15E	<b>North Reference:</b>	True
<b>Well:</b>	P-14-9-15	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	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	35.86	700.0	1.1	0.8	1.3	1.50	1.50	0.00
800.0	3.00	35.86	799.9	4.2	3.1	5.2	1.50	1.50	0.00
900.0	4.50	35.86	899.7	9.5	6.9	11.8	1.50	1.50	0.00
1,000.0	6.00	35.86	999.3	17.0	12.3	20.9	1.50	1.50	0.00
1,100.0	7.50	35.86	1,098.6	26.5	19.1	32.7	1.50	1.50	0.00
1,200.0	9.00	35.86	1,197.5	38.1	27.5	47.0	1.50	1.50	0.00
1,300.0	10.50	35.86	1,296.1	51.8	37.5	64.0	1.50	1.50	0.00
1,344.5	11.17	35.86	1,339.8	58.6	42.4	72.3	1.50	1.50	0.00
1,400.0	11.17	35.86	1,394.2	67.3	48.7	83.1	0.00	0.00	0.00
1,500.0	11.17	35.86	1,492.4	83.0	60.0	102.4	0.00	0.00	0.00
1,600.0	11.17	35.86	1,590.5	98.7	71.4	121.8	0.00	0.00	0.00
1,700.0	11.17	35.86	1,688.6	114.4	82.7	141.2	0.00	0.00	0.00
1,800.0	11.17	35.86	1,786.7	130.1	94.0	160.5	0.00	0.00	0.00
1,900.0	11.17	35.86	1,884.8	145.8	105.4	179.9	0.00	0.00	0.00
2,000.0	11.17	35.86	1,982.9	161.5	116.7	199.3	0.00	0.00	0.00
2,100.0	11.17	35.86	2,081.0	177.2	128.1	218.7	0.00	0.00	0.00
2,200.0	11.17	35.86	2,179.1	192.9	139.4	238.0	0.00	0.00	0.00
2,300.0	11.17	35.86	2,277.2	208.6	150.8	257.4	0.00	0.00	0.00
2,400.0	11.17	35.86	2,375.3	224.3	162.1	276.8	0.00	0.00	0.00
2,500.0	11.17	35.86	2,473.4	240.0	173.5	296.1	0.00	0.00	0.00
2,600.0	11.17	35.86	2,571.5	255.7	184.8	315.5	0.00	0.00	0.00
2,700.0	11.17	35.86	2,669.6	271.4	196.2	334.9	0.00	0.00	0.00
2,800.0	11.17	35.86	2,767.7	287.1	207.5	354.2	0.00	0.00	0.00
2,900.0	11.17	35.86	2,865.8	302.8	218.8	373.6	0.00	0.00	0.00
3,000.0	11.17	35.86	2,963.9	318.5	230.2	393.0	0.00	0.00	0.00
3,100.0	11.17	35.86	3,062.1	334.2	241.5	412.3	0.00	0.00	0.00
3,200.0	11.17	35.86	3,160.2	349.9	252.9	431.7	0.00	0.00	0.00
3,300.0	11.17	35.86	3,258.3	365.6	264.2	451.1	0.00	0.00	0.00
3,400.0	11.17	35.86	3,356.4	381.3	275.6	470.4	0.00	0.00	0.00
3,500.0	11.17	35.86	3,454.5	397.0	286.9	489.8	0.00	0.00	0.00
3,600.0	11.17	35.86	3,552.6	412.7	298.3	509.2	0.00	0.00	0.00
3,700.0	11.17	35.86	3,650.7	428.4	309.6	528.6	0.00	0.00	0.00
3,800.0	11.17	35.86	3,748.8	444.1	321.0	547.9	0.00	0.00	0.00
3,900.0	11.17	35.86	3,846.9	459.8	332.3	567.3	0.00	0.00	0.00
4,000.0	11.17	35.86	3,945.0	475.5	343.6	586.7	0.00	0.00	0.00
4,100.0	11.17	35.86	4,043.1	491.2	355.0	606.0	0.00	0.00	0.00
4,200.0	11.17	35.86	4,141.2	506.9	366.3	625.4	0.00	0.00	0.00
4,300.0	11.17	35.86	4,239.3	522.6	377.7	644.8	0.00	0.00	0.00
4,400.0	11.17	35.86	4,337.4	538.3	389.0	664.1	0.00	0.00	0.00
4,500.0	11.17	35.86	4,435.5	554.0	400.4	683.5	0.00	0.00	0.00
4,600.0	11.17	35.86	4,533.6	569.7	411.7	702.9	0.00	0.00	0.00
4,700.0	11.17	35.86	4,631.8	585.4	423.1	722.2	0.00	0.00	0.00
4,800.0	11.17	35.86	4,729.9	601.1	434.4	741.6	0.00	0.00	0.00
4,900.0	11.17	35.86	4,828.0	616.8	445.8	761.0	0.00	0.00	0.00
4,973.4	11.17	35.86	4,900.0	628.3	454.1	775.2	0.00	0.00	0.00
5,000.0	11.17	35.86	4,926.1	632.5	457.1	780.3	0.00	0.00	0.00
5,100.0	11.17	35.86	5,024.2	648.2	468.4	799.7	0.00	0.00	0.00



**Payzone Directional**  
Planning Report



<b>Database:</b>	EDM 2003.21 Single User Db	<b>Local Co-ordinate Reference:</b>	Well P-14-9-15
<b>Company:</b>	NEWFIELD EXPLORATION	<b>TVD Reference:</b>	P-14-9-15 @ 6294.0ft (Original Well Elev)
<b>Project:</b>	USGS Myton SW (UT)	<b>MD Reference:</b>	P-14-9-15 @ 6294.0ft (Original Well Elev)
<b>Site:</b>	SECTION 15 T9S, R15E	<b>North Reference:</b>	True
<b>Well:</b>	P-14-9-15	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,200.0	11.17	35.86	5,122.3	663.9	479.8	819.1	0.00	0.00	0.00
5,300.0	11.17	35.86	5,220.4	679.6	491.1	838.5	0.00	0.00	0.00
5,400.0	11.17	35.86	5,318.5	695.3	502.5	857.8	0.00	0.00	0.00
5,500.0	11.17	35.86	5,416.6	710.9	513.8	877.2	0.00	0.00	0.00
5,600.0	11.17	35.86	5,514.7	726.6	525.2	896.6	0.00	0.00	0.00
5,700.0	11.17	35.86	5,612.8	742.3	536.5	915.9	0.00	0.00	0.00
5,800.0	11.17	35.86	5,710.9	758.0	547.9	935.3	0.00	0.00	0.00
5,900.0	11.17	35.86	5,809.0	773.7	559.2	954.7	0.00	0.00	0.00
6,000.0	11.17	35.86	5,907.1	789.4	570.5	974.0	0.00	0.00	0.00
6,100.0	11.17	35.86	6,005.2	805.1	581.9	993.4	0.00	0.00	0.00
6,115.0	11.17	35.86	6,020.0	807.5	583.6	996.3	0.00	0.00	0.00



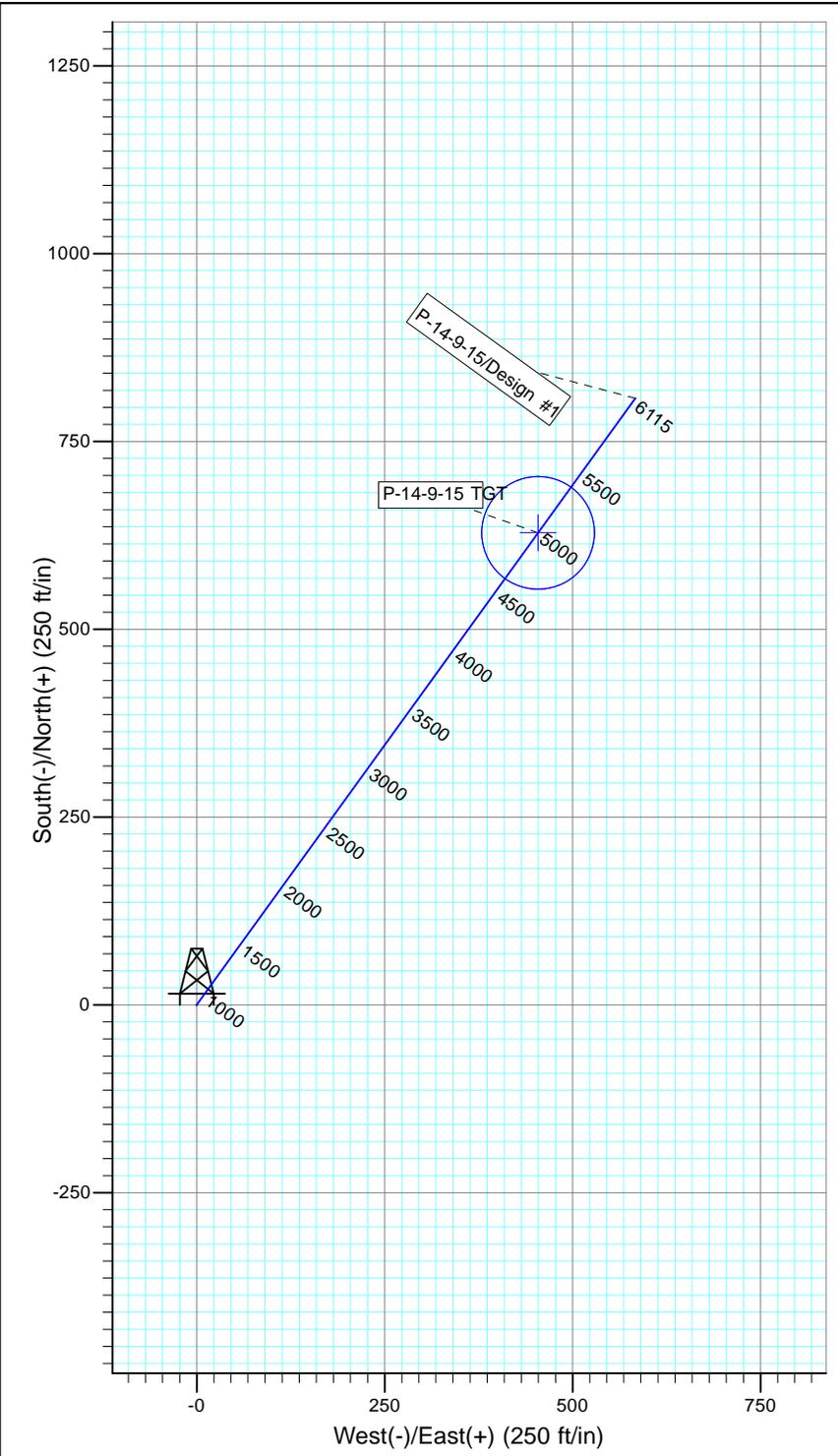
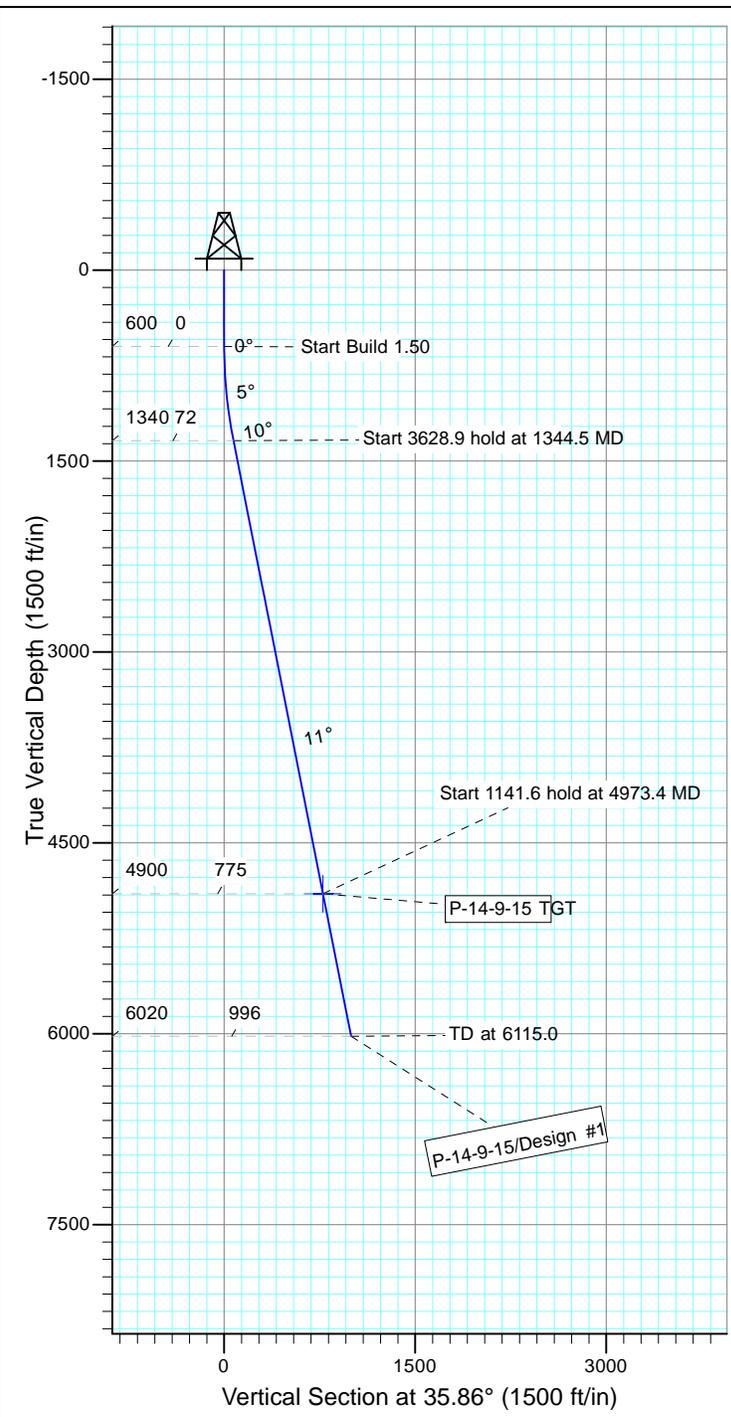
Project: USGS Myton SW (UT)  
 Site: SECTION 15 T9S, R15E  
 Well: P-14-9-15  
 Wellbore: Wellbore #1  
 Design: Design #1



Azimuths to True North  
 Magnetic North: 11.26°

Magnetic Field  
 Strength: 52148.2snT  
 Dip Angle: 65.73°  
 Date: 4/23/2012  
 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-14-9-15 TGT	4900.0	628.3	454.1	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	1344.5	11.17	35.86	1339.8	58.6	42.4	1.50	35.86	72.3	
4	4973.4	11.17	35.86	4900.0	628.3	454.1	0.00	0.00	775.2	P-14-9-15 TGT
5	6115.0	11.17	35.86	6020.0	807.5	583.6	0.00	0.00	996.3	



**NEWFIELD PRODUCTION COMPANY  
GMBU P-14-9-15  
AT SURFACE: SE/SE SECTION 15, T9S R15E  
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-14-9-15 located in the SE 1/4 SE 1/4 Section 15, T9S, R15E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 – 1.4 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed in a southwesterly direction – 8.8 miles  $\pm$  to it's junction with an existing road to the south; proceed in a southerly direction – 4.0 miles  $\pm$  to it's junction with an existing road to the southwest; proceed in a southwesterly direction – 2.5 miles  $\pm$  to it's junction with an existing road to the northwest; proceed in a northwesterly direction – 0.6 miles  $\pm$  to the existing 16-15-9-15 well location.

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

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

**2. PLANNED ACCESS ROAD**

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing 16-15-9-15 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** – Bureau of Land Management.

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. State of Utah Antiquities Project Permit #U-02-MQ-0235b 5/23/02, prepared by Montgomery Archaeological

Consultants. Paleontological Resource Survey prepared by, Wade E. Miller, 6/7/03. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 1,007' of buried water line be granted. **Refer to Topographic Map "C"**. The proposed pipelines will be constructed using the following procedures as outlined in the Greater Monument Butte Green River Development SOP.

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

#### **Surface Flow Line**

Newfield requests 2,622' 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. **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 as outlined in the Greater Monument Butte Green River Development SOP.

#### **Water Disposal**

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

#### **Additional Surface Stipulations**

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

#### **Details of the On-Site Inspection**

The proposed GMBU P-14-9-15 was on-sited on 5/18/12. The following were present; Corie Miller (Newfield Production), Janna Simonsen (Bureau of Land Management), and Dave Gordon (Bureau of Land Management).

#### **Hazardous Material Declaration**

Newfield Production Company guarantees that during the drilling and completion of the GMBU P-14-9-15, 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-14-9-15, 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-14-9-15, Section 15, Township 9S, Range 15E: Lease UTU-66184 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

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

7/12/12  
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

16-15-9-15 (Existing Well)

P-14-9-15 (Proposed Well)

S-15-9-15 (Proposed Well)

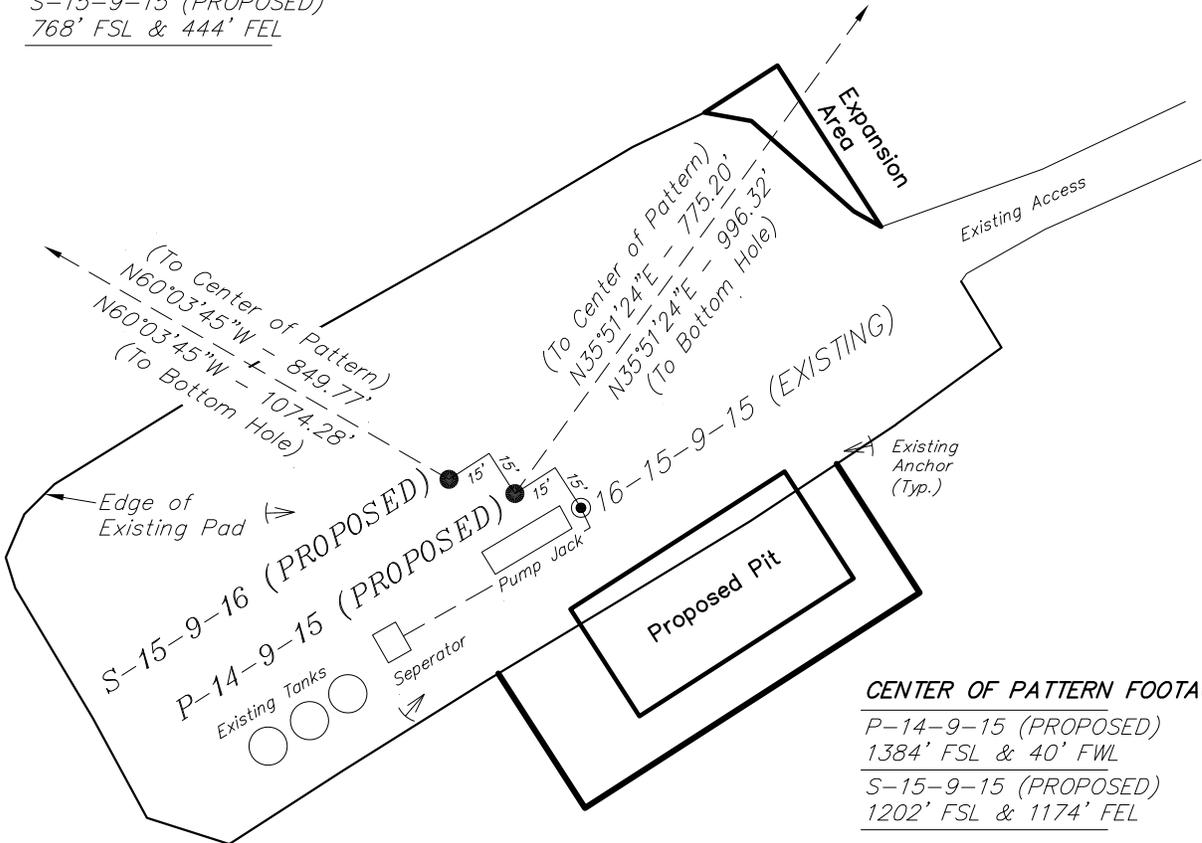
Pad Location: SESE Section 15, T9S, R15E, S.L.B.&M.



### TOP HOLE FOOTAGES

P-14-9-15 (PROPOSED)  
763' FSL & 423' FEL

S-15-9-15 (PROPOSED)  
768' FSL & 444' FEL



### CENTER OF PATTERN FOOTAGES

P-14-9-15 (PROPOSED)  
1384' FSL & 40' FWL

S-15-9-15 (PROPOSED)  
1202' FSL & 1174' FEL

### BOTTOM HOLE FOOTAGES

P-14-9-15 (PROPOSED)  
1561' FSL & 172' FWL

S-15-9-15 (PROPOSED)  
1317' FSL & 1367' FEL

### Note:

Bearings are based on GPS Observations.

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

WELL	NORTH	EAST
P-14-9-15	628'	454'
S-15-9-15	424'	-736'

### RELATIVE COORDINATES From Top Hole to Bottom Hole

WELL	NORTH	EAST
P-14-9-15	808'	584'
S-15-9-15	536'	-931'

### LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
16-15-9-15	40° 01' 32.61"	110° 12' 36.95"
P-14-9-15	40° 01' 32.66"	110° 12' 37.22"
S-15-9-15	40° 01' 32.71"	110° 12' 37.48"

SURVEYED BY: W.H.	DATE SURVEYED: 03-07-12	VERSION:
DRAWN BY: M.W.	DATE DRAWN: 04-26-12	V2
SCALE: 1" = 60'	REVISED:	

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

# NEWFIELD EXPLORATION COMPANY

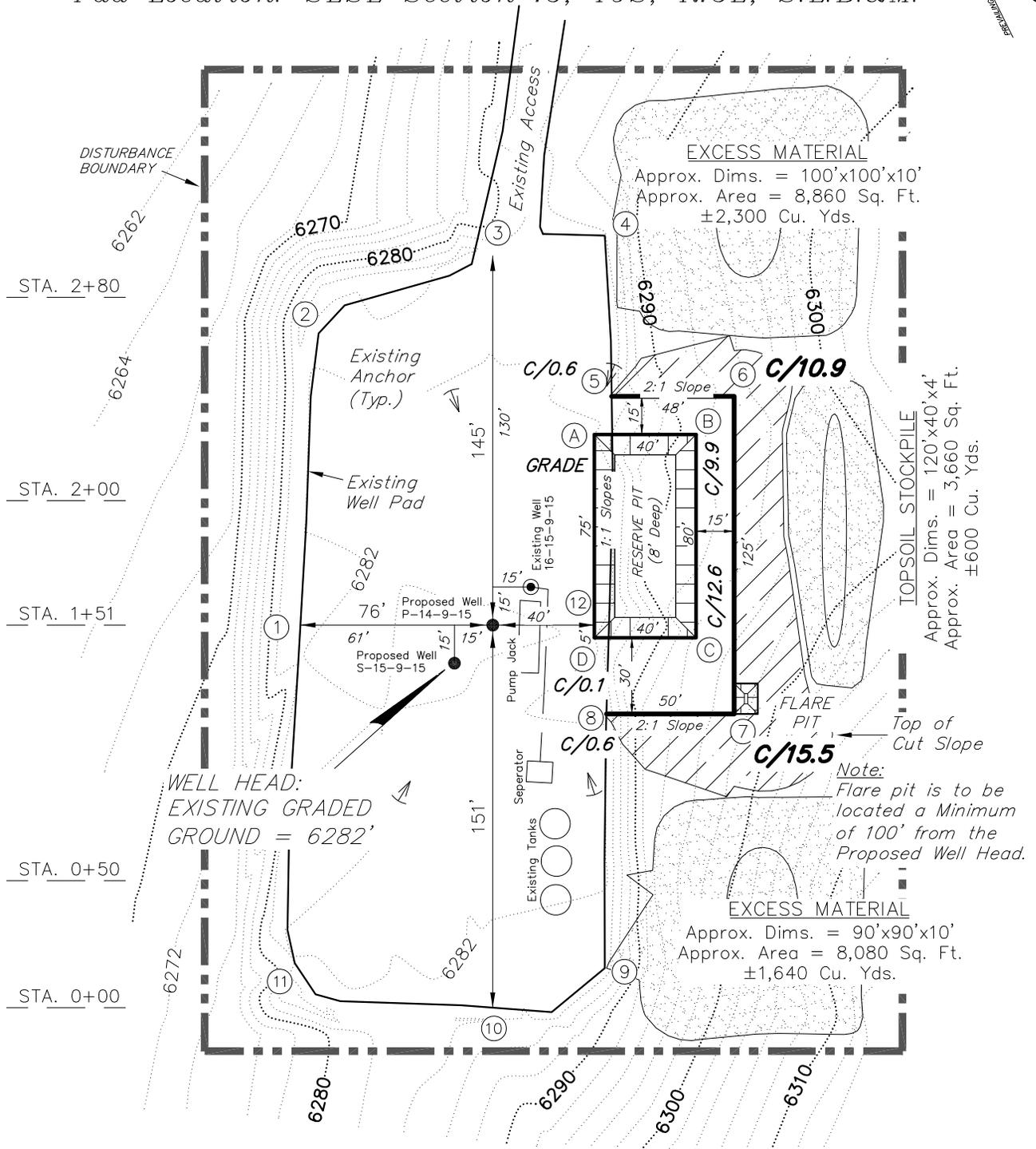
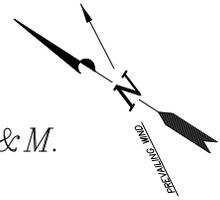
## LOCATION LAYOUT

16-15-9-15 (Existing Well)

P-14-9-15 (Proposed Well)

S-15-9-15 (Proposed Well)

Pad Location: SESE Section 15, T9S, R15E, S.L.B.&M.



NOTE:  
The topsoil & excess material areas are calculated as being mounds containing 4,540 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: W.H.	DATE SURVEYED: 03-07-12	VERSION:
DRAWN BY: M.W.	DATE DRAWN: 03-09-12	V2
SCALE: 1" = 60'	REVISED: M.W. - 04-26-12	

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

RECEIVED: July 16, 2012

# NEWFIELD EXPLORATION COMPANY

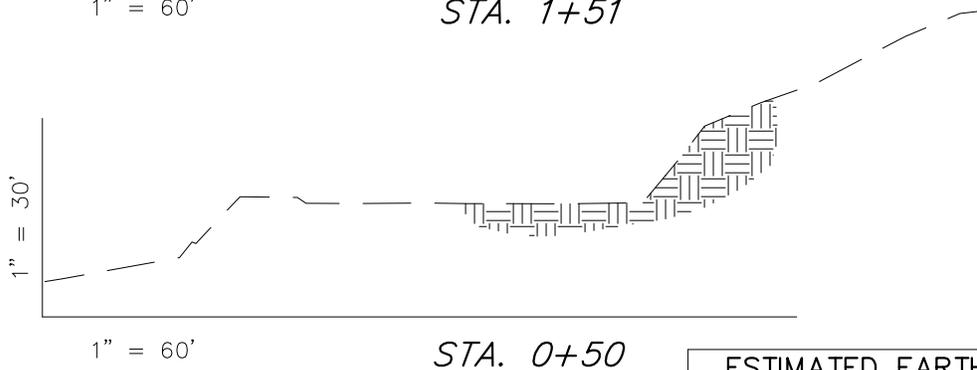
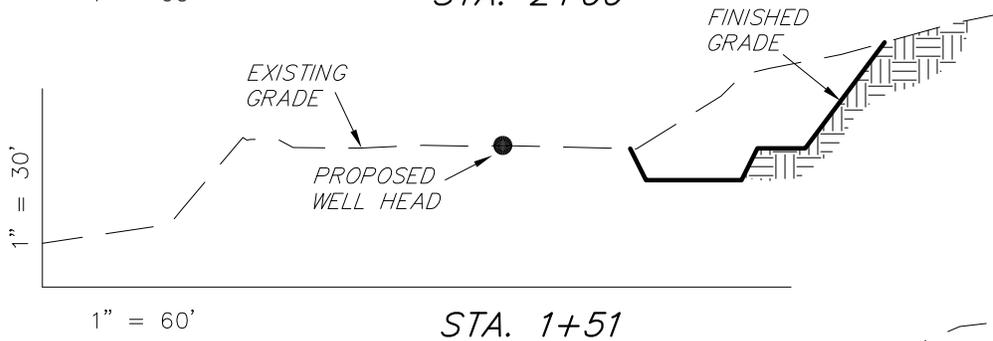
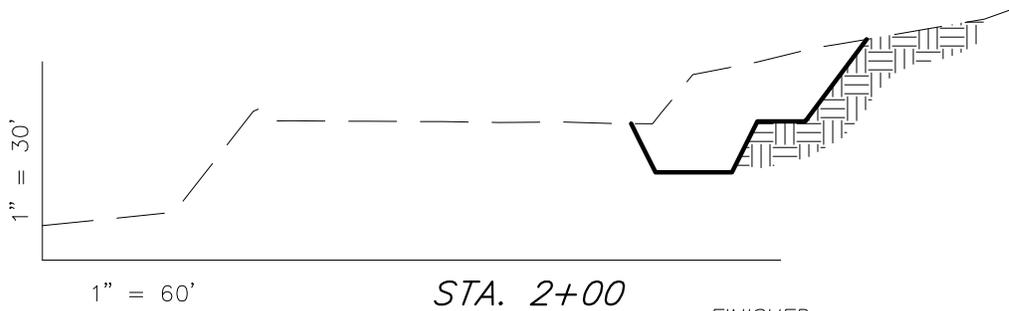
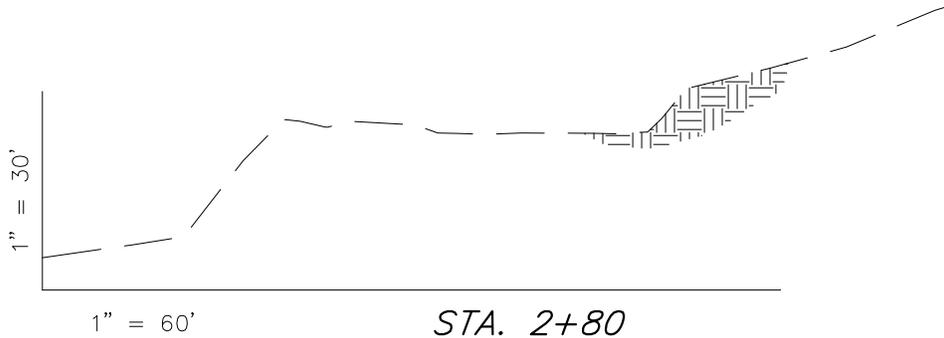
## CROSS SECTIONS

**16-15-9-15 (Existing Well)**

**P-14-9-15 (Proposed Well)**

**S-15-9-15 (Proposed Well)**

*Pad Location: SESE Section 15, T9S, R15E, S.L.B.&M.*



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

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,900	10	Topsoil is not included in Pad Cut	2,890
PIT	690	0		690
<b>TOTALS</b>	<b>3,590</b>	<b>10</b>	<b>540</b>	<b>3,580</b>

SURVEYED BY: W.H.	DATE SURVEYED: 03-07-12	VERSION:
DRAWN BY: M.W.	DATE DRAWN: 03-09-12	V2
SCALE: 1" = 60'	REVISED: M.W. - 04-26-12	

*Tri State*

*Land Surveying, Inc.*

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

(435) 781-2501

RECEIVED: July 16, 2012

# NEWFIELD EXPLORATION COMPANY

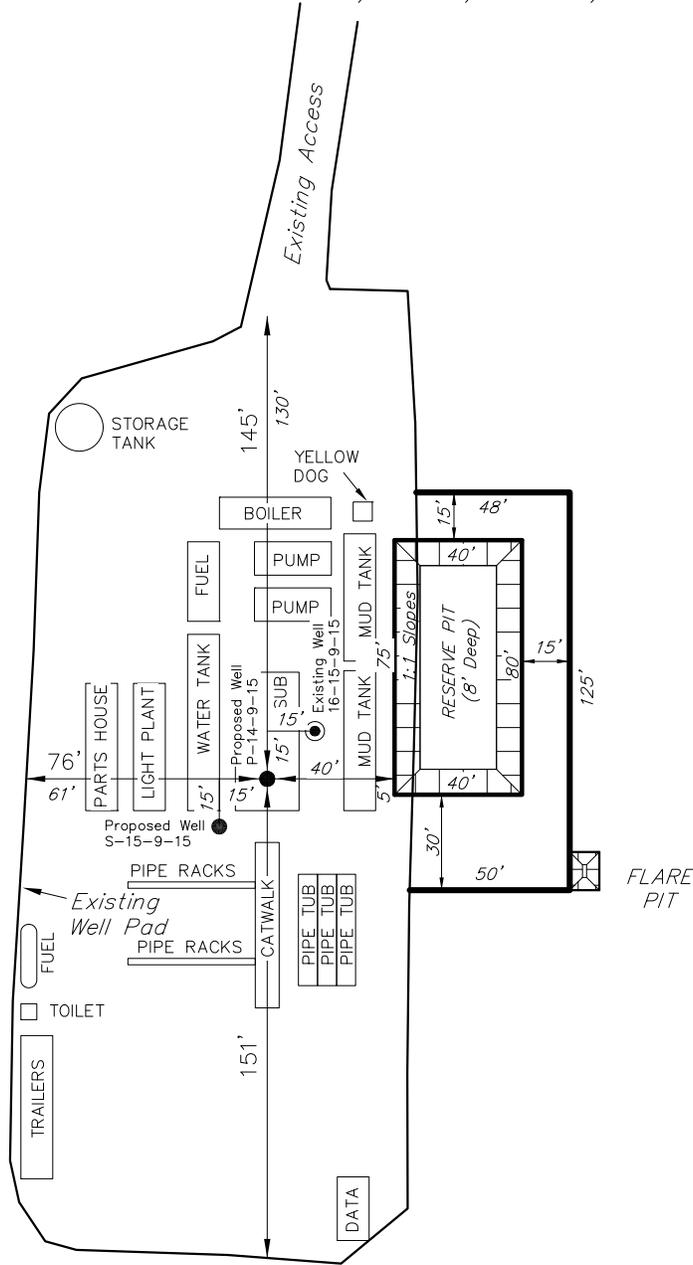
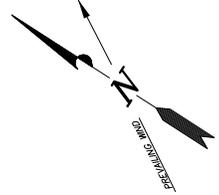
## TYPICAL RIG LAYOUT

16-15-9-15 (Existing Well)

P-14-9-15 (Proposed Well)

S-15-9-15 (Proposed Well)

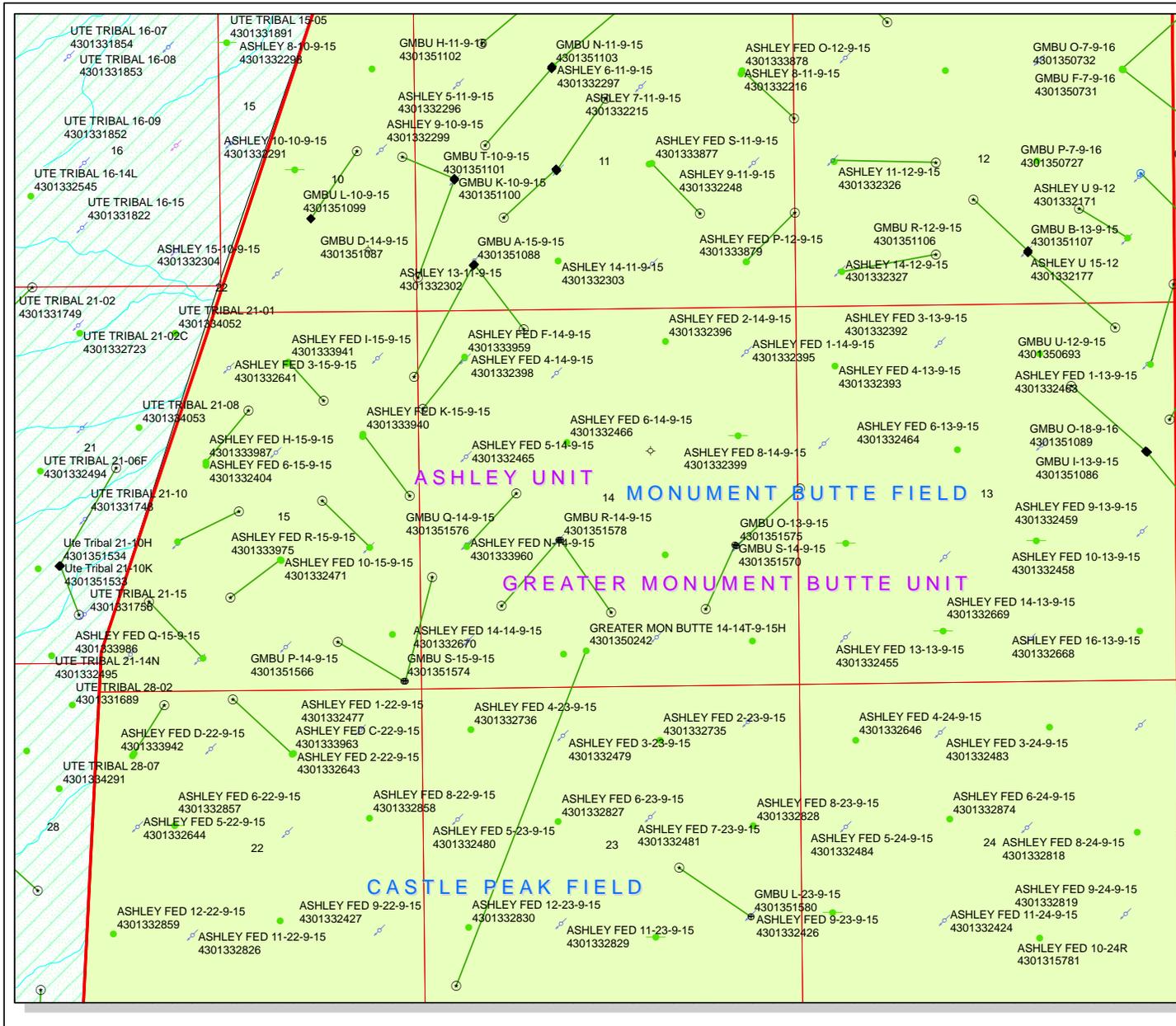
Pad Location: SESE Section 15, T9S, R15E, S.L.B.&M.



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

SURVEYED BY: W.H.	DATE SURVEYED: 03-07-12	VERSION:
DRAWN BY: M.W.	DATE DRAWN: 03-09-12	V2
SCALE: 1" = 60'	REVISED: M.W. - 04-26-12	

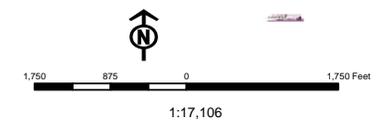
**Tri State** (435) 781-2501  
 Land Surveying, Inc.  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078



**API Number: 4301351566**  
**Well Name: GMBU P-14-9-15**  
**Township T09.0S Range R15.0E Section 15**  
**Meridian: SLBM**  
**Operator: NEWFIELD PRODUCTION COMPANY**

Map Prepared:  
 Map Produced by Diana Mason

Units Status	Wells Query Status
ACTIVE	APD - Approved Permit
EXPLORATORY	DRL - Spudded (Drilling Commenced)
GAS STORAGE	GIW - Gas Injection
NF PP OIL	GS - Gas Storage
NF SECONDARY	LOC - New Location
PI OIL	OPS - Operation Suspended
PP GAS	PA - Plugged Abandoned
PP GEOTHERMAL	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	WW - Water Injection Well
INACTIVE	WSW - Water Supply Well
STORAGE	Bottom Hole Location - Oil/Gas/Oil
TERMINATED	





VIA ELECTRONIC DELIVERY

July 23, 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-14-9-15**  
Greater Monument Butte (Green River) Unit

Surface Hole: T9S-R15E Section 15: SESE (UTU-66184)  
763' FSL 423' FEL

At Target: T9S-R15E Section 14: NWSW (UTU-66184)  
1561' FSL 172' 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 7/19/2012, 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](mailto: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

Form 3160-3  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**APPLICATION FOR PERMIT TO DRILL OR REENTER**

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU66184
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator NEWFIELD PRODUCTION COMPANY		7. If Unit or CA Agreement, Name and No. GREATER MONUMENT
Contact: MANDIE CROZIER Email: mcrozier@newfield.com		8. Lease Name and Well No. GMBU P-14-9-15
3a. Address ROUTE #3 BOX 3630 MYTON, UT 84052	3b. Phone No. (include area code) Ph: 435-646-4825 Fx: 435-646-3031	9. API Well No.
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SESE 763FSL 423FEL At proposed prod. zone NWSW 1561FSL 172FWL		10. Field and Pool, or Exploratory MONUMENT BUTTE
14. Distance in miles and direction from nearest town or post office* 17.3		11. Sec., T., R., M., or Blk. and Survey or Area Sec 15 T9S R15E Mer SLB
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 241'	16. No. of Acres in Lease 1360.50	12. County or Parish DUCHESNE
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 1038'	19. Proposed Depth 6115 MD 6020 TVD	13. State UT
21. Elevations (Show whether DF, KB, RT, GL, etc.) 6282 GL	22. Approximate date work will start 10/31/2012	17. Spacing Unit dedicated to this well 20.00
		20. BLM/BIA Bond No. on file WYB000493
		23. Estimated duration 7 DAYS

24. Attachments

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

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

25. Signature (Electronic Submission)	Name (Printed/Typed) MANDIE CROZIER Ph: 435-646-4825	Date 07/19/2012
Title REGULATORY ANALYST		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

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

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

**Additional Operator Remarks (see next page)**

**Electronic Submission #143454 verified by the BLM Well Information System  
For NEWFIELD PRODUCTION COMPANY, sent to the Vernal**

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

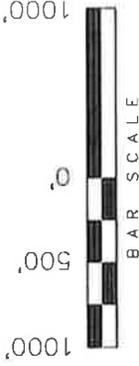
API Well Number: 43013515660000

**Additional Operator Remarks:**

SURFACE LEASE: UTU-66184  
BOTTOM HOLE LEASE: UTU-66184

**NEWFIELD EXPLORATION COMPANY**

WELL LOCATION, P-14-9-15, LOCATED AS SHOWN IN THE SE 1/4 SE 1/4 OF SECTION 15, T9S, R15E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



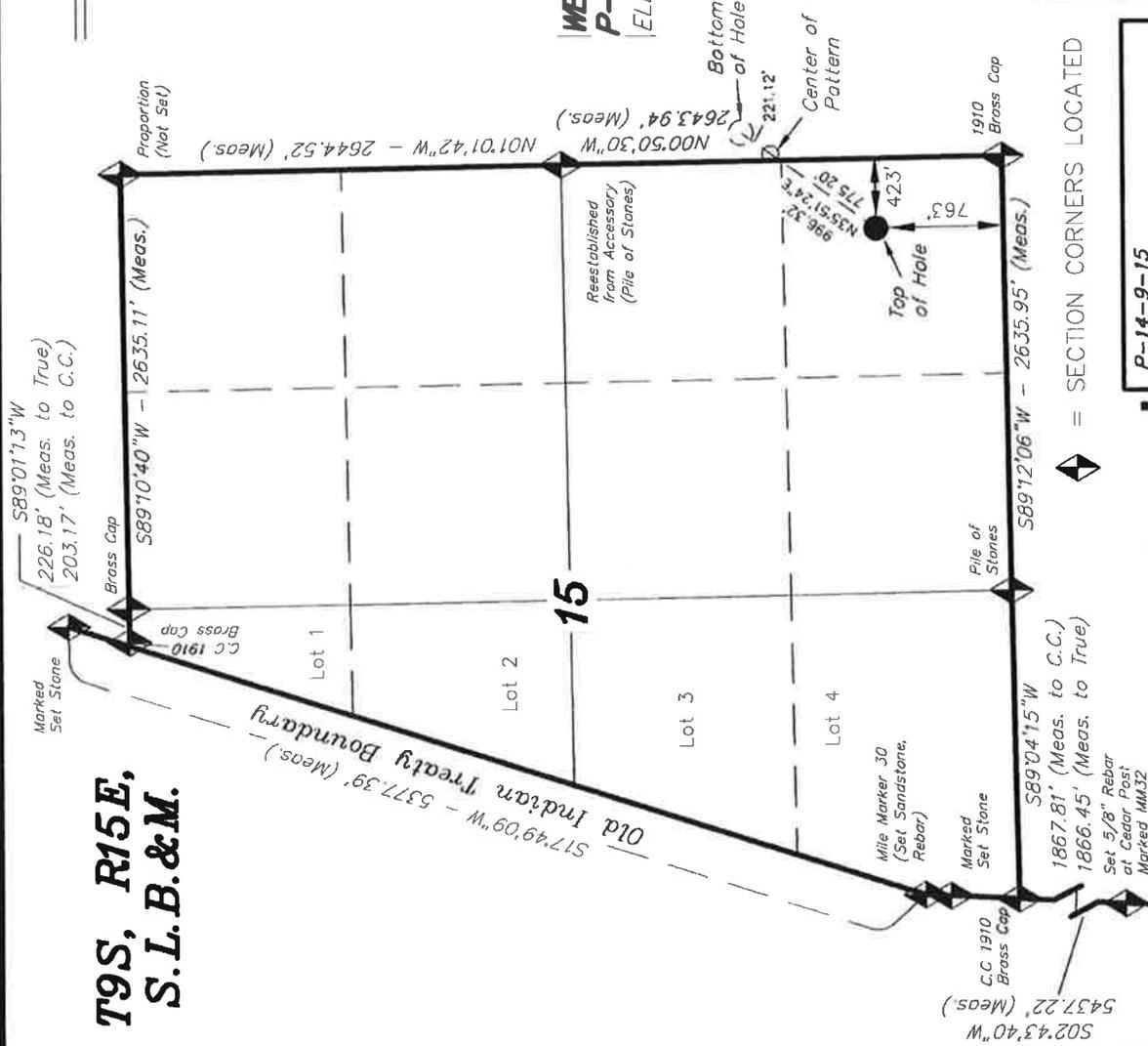
- NOTES:**
- Well footages are measured at right angles to the Section Lines.
  - Bearings are based on Global Positioning Satellite observations.

**WELL LOCATION:  
P-14-9-15**

ELEV. EXIST. GRADED GROUND = 6282'

THIS IS TO CERTIFY THAT THE ABOVE POINT 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.

**STACY W. STEWART**  
04-26-12  
REGISTERED LAND SURVEYOR  
STATE OF UTAH



**T9S, R15E,  
S.L.B.&M.**

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

DATE SURVEYED: 03-07-12	SURVEYED BY: W.H.	VERSION:
DATE DRAWN: 04-26-12	DRAWN BY: M.W.	V2
REVISED:	SCALE: 1" = 1000'	

**P-14-9-15**  
(Surface Location) **NAD 83**  
LATITUDE = 40° 01' 32.66"  
LONGITUDE = 110° 12' 37.22"

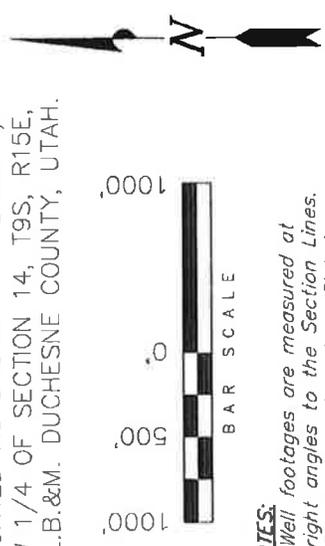
◆ = SECTION CORNERS LOCATED

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'

# T9S, R15E, S.L.B.&M.

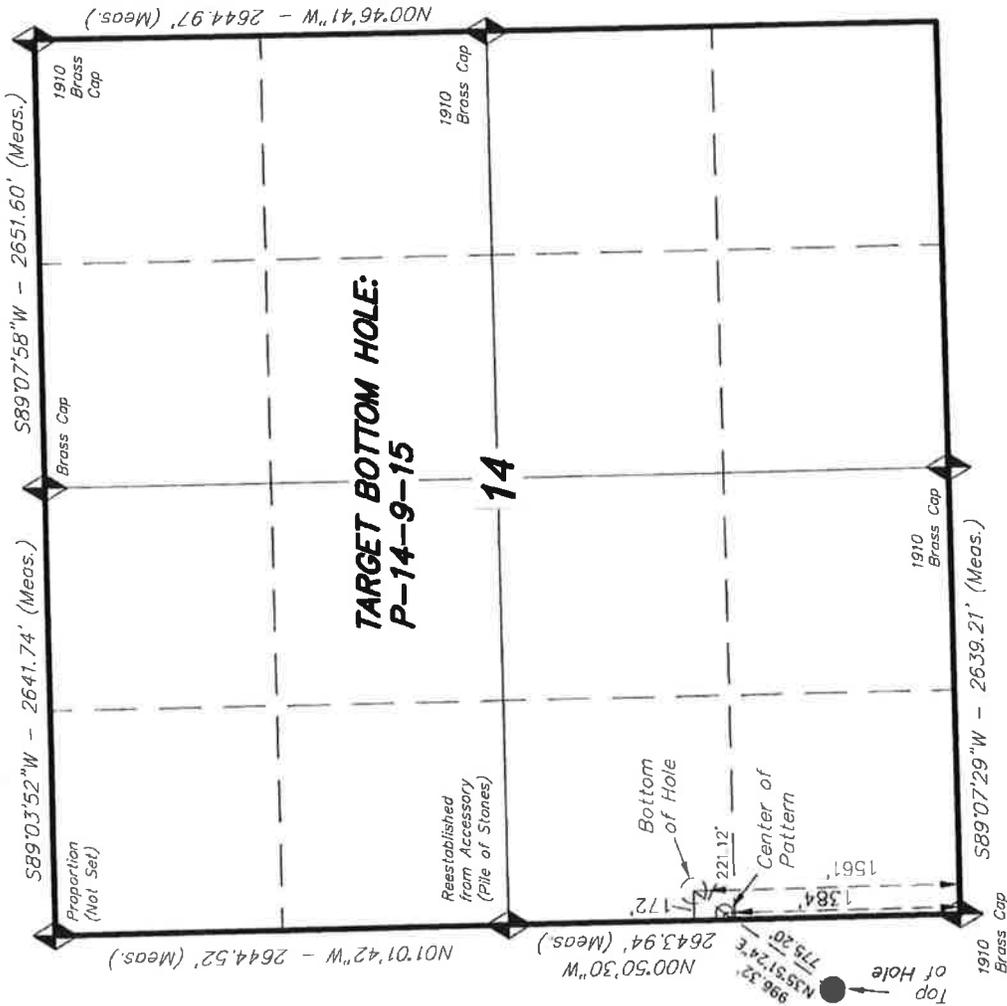
# NEWFIELD EXPLORATION COMPANY

TARGET BOTTOM HOLE, P-14-9-15,  
 LOCATED AS SHOWN IN THE NW 1/4  
 SW 1/4 OF SECTION 14, T9S, R15E,  
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



**NOTES:**

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. The Center of Pattern footages are 1384' FSL & 40' FWL.



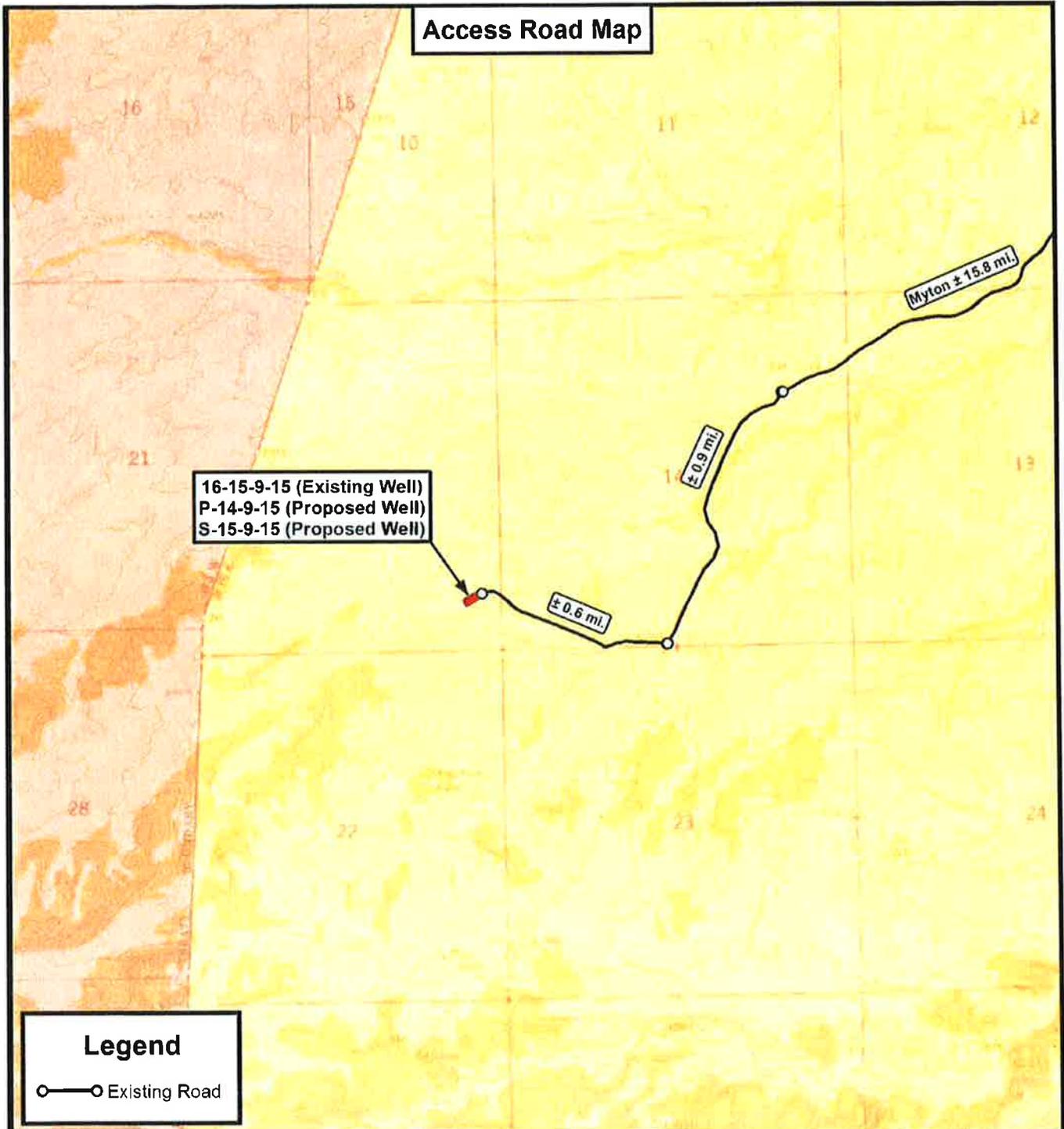
THIS IS TO CERTIFY THAT THE ABOVE WAS PREPARED FROM FIELD SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.  
 REGISTERED LAND SURVEYOR  
 STATE OF UTAH  
 No. 189377  
 04-26-12  
 STACY W.

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

DATE SURVEYED: 03-07-12	SURVEYED BY: W.H.	VERSION:
DATE DRAWN: 04-26-12	DRAWN BY: M.W.	V2
REVISED:	SCALE: 1" = 1000'	

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

◆ = SECTION CORNERS LOCATED



**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

DRAWN BY: D.C.R.	REVISED: 04-26-12 A.P.C.	VERSION:
DATE: 03-15-2012		V2
SCALE: 1" = 2,000'		



**NEWFIELD EXPLORATION COMPANY**

16-15-9-15 (Existing Well)  
P-14-9-15 (Proposed Well)  
S-15-9-15 (Proposed Well)

SEC. 15, T9S, R15E, S.L.B.&M. Duchesne County, UT.

<b>TOPOGRAPHIC MAP</b>	SHEET <b>B</b>
------------------------	-------------------

# 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)**

July 31, 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 wells are planned for calendar year 2012 within the Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-013-51563	GMBU H-8-9-16	Sec 08 T09S R16E 2023 FNL 2183 FEL BHL Sec 08 T09S R16E 1169 FNL 2473 FWL
43-013-51564	GMBU H-20-9-16	Sec 20 T09S R16E 2110 FNL 1934 FEL BHL Sec 20 T09S R16E 1152 FNL 2457 FWL
43-013-51565	GMBU R-8-9-16	Sec 08 T09S R16E 0710 FSL 1908 FEL BHL Sec 08 T09S R16E 1512 FSL 2314 FWL
43-013-51566	GMBU P-14-9-15	Sec 15 T09S R15E 0763 FSL 0423 FEL BHL Sec 14 T09S R15E 1561 FSL 0172 FWL
43-013-51567	GMBU M-18-9-16	Sec 18 T09S R16E 2014 FSL 1914 FEL BHL Sec 18 T09S R16E 2424 FNL 2307 FWL
43-013-51568	GMBU J-20-9-16	Sec 21 T09S R16E 2041 FNL 0553 FWL BHL Sec 20 T09S R16E 1154 FNL 0095 FEL
43-013-51569	GMBU G-21-9-16	Sec 21 T09S R16E 2062 FNL 0557 FWL BHL Sec 21 T09S R16E 1276 FNL 1556 FWL
43-013-51570	GMBU S-14-9-15	Sec 14 T09S R15E 1963 FSL 0882 FEL BHL Sec 14 T09S R15E 1068 FSL 1301 FEL

**RECEIVED:** July 31, 2012

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-013-51571	GMBU I-18-9-16	Sec 18 T09S R16E 1936 FNL 1914 FEL BHL Sec 18 T09S R16E 1062 FNL 0820 FEL
43-013-51572	GMBU L-18-9-16	Sec 18 T09S R16E 1955 FNL 1924 FEL BHL Sec 18 T09S R16E 2485 FNL 0972 FEL
43-013-51573	GMBU H-17-9-16	Sec 17 T09S R16E 1944 FNL 2044 FWL BHL Sec 17 T09S R16E 0993 FNL 2432 FEL
43-013-51574	GMBU S-15-9-15	Sec 15 T09S R15E 0768 FSL 0444 FEL BHL Sec 15 T09S R15E 1317 FSL 1367 FEL
43-013-51575	GMBU O-13-9-15	Sec 14 T09S R15E 1952 FSL 0864 FEL BHL Sec 13 T09S R15E 2537 FNL 0036 FWL
43-013-51576	GMBU Q-14-9-15	Sec 14 T09S R15E 2061 FSL 1946 FWL BHL Sec 14 T09S R15E 1147 FSL 1132 FWL
43-013-51577	GMBU L-20-9-16	Sec 20 T09S R16E 2117 FNL 1914 FEL BHL Sec 20 T09S R16E 2522 FSL 1123 FEL
43-013-51578	GMBU R-14-9-15	Sec 14 T09S R15E 2057 FSL 1967 FWL BHL Sec 14 T09S R15E 1037 FSL 2623 FEL
43-013-51579	GMBU W-16-9-16	Sec 21 T09S R16E 0726 FNL 1924 FWL BHL Sec 16 T09S R16E 0353 FSL 2559 FWL
43-013-51580	GMBU L-23-9-15	Sec 23 T09S R15E 2041 FSL 0713 FEL BHL Sec 23 T09S R15E 2545 FNL 1706 FEL
43-013-51581	GMBU N-17-9-16	Sec 17 T09S R16E 1965 FNL 2048 FWL BHL Sec 17 T09S R16E 2306 FSL 1008 FWL
43-013-51582	GMBU H-21-9-16	Sec 21 T09S R16E 0726 FNL 1945 FWL BHL Sec 21 T09S R16E 1505 FNL 2434 FEL
43-013-51587	GMBU J-17-9-16	Sec 16 T09S R16E 2100 FNL 0750 FWL BHL Sec 17 T09S R16E 0988 FNL 0237 FEL
43-013-51588	GMBU J-17-9-16	Sec 16 T09S R16E 2100 FNL 0750 FWL BHL Sec 17 T09S R16E 0988 FNL 0237 FEL
43-013-51589	GMBU C-17-9-16	Sec 08 T09S R16E 0704 FSL 1929 FEL BHL Sec 17 T09S R16E 0329 FNL 2480 FWL
43-013-51590	GMBU P-24-9-15	Sec 23 T09S R15E 2038 FSL 0692 FEL BHL Sec 24 T09S R15E 1073 FSL 0180 FWL

Please be advised that the GMBU J-17-9-16 has erroneously been entered twice into the UDOGM system under API Number 43-013-51587 and 43-013-51588.

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

Michael L. Coulthard Digitally signed by Michael L. Coulthard  
DN: cn=Michael L. Coulthard, o=Bureau of Land Management, ou=Branch of Minerals,  
email=Michael\_Coulthard@blm.gov, c=US  
Date: 2012.07.31 09:41:28 -0600

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

MCoulthard:mc:7-31-12

## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 7/16/2012

API NO. ASSIGNED: 43013515660000

WELL NAME: GMBU P-14-9-15

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: SESE 15 090S 150E

Permit Tech Review: 

SURFACE: 0763 FSL 0423 FEL

Engineering Review: 

BOTTOM: 1561 FSL 0172 FWL

Geology Review: 

COUNTY: DUCHESNE

LATITUDE: 40.02580

LONGITUDE: -110.20966

UTM SURF EASTINGS: 567440.00

NORTHINGS: 4430710.00

FIELD NAME: MONUMENT BUTTE

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-66184

PROPOSED PRODUCING FORMATION(S): GREEN RIVER

SURFACE OWNER: 1 - Federal

COALBED METHANE: NO

## RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: FEDERAL - WYB000493
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 437478
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingling Approved

## LOCATION AND SITING:

- R649-2-3.
- Unit: GMBU (GRRV)
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: Cause 213-11
- Effective Date: 11/30/2009
- Siting: Suspends General Siting
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason  
15 - Directional - dmason  
27 - Other - bhll



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-14-9-15  
**API Well Number:** 43013515660000  
**Lease Number:** UTU-66184  
**Surface Owner:** FEDERAL  
**Approval Date:** 8/2/2012

### 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:

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

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

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

### Notification Requirements:

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

- Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website  
at <http://oilgas.ogm.utah.gov>

**Reporting Requirements:**

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

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

**Approved By:**

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

For John Rogers  
Associate Director, Oil & Gas

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross 29 Submitted By  
Branden Arnold Phone Number 435-401-0223  
Well Name/Number GMBU P-14-9-15  
Qtr/Qtr SE/SE Section 15 Township 9S Range 15E  
Lease Serial Number UTU66184  
API Number 43-013-51566

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

Date/Time 3/27/13      8:00 AM  PM

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

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

Date/Time 3/27/13      4:00 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 \_\_\_\_\_

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**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.

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

**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. USA UTU-66184
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 <sup>15</sup> 14 T9S R15W <b>0763 FSL 0423 FEL</b> <b>SESE</b>		8. Well Name and No. GMBU P-14-9-15
		9. API Well No. 4301351566
		10. Field and Pool, or Exploratory Area GREATER MB UNIT
		11. County or Parish, State UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE 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 recomplate 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 3/27/13 MIRU Ross #29. Spud well @8:00 AM. Drill 335' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24# csgn. Set @ 327.59. On 3/29/13 cement with 160 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.

RECEIVED  
APR 03 2013  
DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed) Branden Arnold	Title
Signature 	Date 04/01/2013

**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

(Instructions on page 2)

## Casing / Liner Detail

**Well** GMBU P-14-9-15  
**Prospect** GMBU  
**Foreman**  
**Run Date:**  
**String Type** Conductor, 14", 36.75#, H-40, W (Welded)

### - Detail From Top To Bottom -

Depth	Length	JTS	Description	OD	ID
15.00			10' KB		
10.00	5.00		14" Conductor	14.000	13.500
15.00			-		

### Cement Detail

<b>Cement Company:</b>					Description - Slurry Class and Additives	
Slurry	# of Sacks	Weight (ppg)	Yield	Volume (ft <sup>3</sup> )		
Stab-In-Job?					Cement To Surface?	
BHT:			0		Est. Top of Cement:	
Initial Circulation Pressure:					Plugs Bumped?	
Initial Circulation Rate:					Pressure Plugs Bumped:	
Final Circulation Pressure:					Floats Holding?	
Final Circulation Rate:					Casing Stuck On / Off Bottom?	
Displacement Fluid:					Casing Reciprocated?	
Displacement Rate:					Casing Rotated?	
Displacement Volume:					CIP:	
Mud Returns:					Casing Wt Prior To Cement:	
Centralizer Type And Placement:					Casing Weight Set On Slips:	

## Casing / Liner Detail

**Well** GMBU P-14-9-15  
**Prospect** GMBU  
**Foreman**  
**Run Date:**  
**String Type** Surface, 8.625", 24#, J-55, STC (Generic)

### - Detail From Top To Bottom -

Depth	Length	JTS	Description	OD	ID
327.59			10' KB		
10.00	1.42		Wellhead		
11.42	270.33	6	8 5/8" Casing	8.625	
281.75	44.87	1	Shoe Joint	8.625	
326.62	0.97		Guide Shoe	8.625	
327.59			-		

### Cement Detail

**Cement Company:** BJ

Slurry	# of Sacks	Weight (ppg)	Yield	Volume (ft³)	Description - Slurry Class and Additives
Slurry 1	160	15.8	1.17	187.2	Class G + 2% CaCl + .25# CF

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

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

Cement To Surface?	Yes
Est. Top of Cement:	0
Plugs Bumped?	Yes
Pressure Plugs Bumped:	450
Floats Holding?	No
Casing Stuck On / Off Bottom?	No
Casing Reciprocated?	No
Casing Rotated?	No
CIP:	13:28
Casing Wt Prior To Cement:	
Casing Weight Set On Slips:	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-66184	
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
<b>1. TYPE OF WELL</b> Oil Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)	
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> GMBU P-14-9-15	
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43013515660000	
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0763 FSL 0423 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 15 Township: 09.0S Range: 15.0E Meridian: S		<b>COUNTY:</b> DUCHESNE	
		<b>STATE:</b> 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: 5/3/2013	<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 05/03/2013 at 15:30 hours.			
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 15, 2013</b>			
<b>NAME (PLEASE PRINT)</b> Jennifer Peatross		<b>PHONE NUMBER</b> 435 646-4885	<b>TITLE</b> Production Technician
<b>SIGNATURE</b> N/A		<b>DATE</b> 5/7/2013	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT **PBTVD 6065'**

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
UTU-66184

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

6. If Indian, Allottee or Tribe Name

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

2. Name of Operator  
NEWFIELD EXPLORATION COMPANY

8. Lease Name and Well No.  
GMBU P-14-9-15

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

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

9. AFI Well No.  
43-013-51566

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

At surface 763' FSL & 423' FEL (SE/SE) SEC. 15, T9S, R15E

At top prod. interval reported below 1262' FSL & 66' FEL (SE/SE) SEC. 15, T9S, R15E

At total depth 1585' FSL & 173' FWL (NW/SW) SEC. 14, T9S, R15E

10. Field and Pool or Exploratory  
MONUMENT BUTTE

11. Sec., T., R., M., on Block and  
Survey or Area  
SEC. 15, T9S, R15E

12. County or Parish  
DUCHESNE

13. State  
UT

14. Date Spudded  
03/27/2013

15. Date T.D. Reached  
04/06/2013

16. Date Completed 05/03/2013  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
6282' GL 6292' KB

18. Total Depth: MD 6227'  
TVD 6130'

19. Plug Back T.D.: MD 6161'  
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	328'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6208'		465 50/50 POZ		20'	
						220 PREMLITE			

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@ 5681'	TA @ 5553'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	4055' MD	5610' MD	4055-5610' MD	0.34"	93	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4055-5610' MD	Frac w/ 570464#s 20/40 white sand in 4246 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
5/3/13	5/13/13	24	→	143	19	66			2-1/2" x 1-3/4" x 20' x 21' x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

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

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

28b. Production - Interval C

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

28c. Production - Interval D

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

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

SOLD AND USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3650' 3897'
				GARDEN GULCH 2 POINT 3	4004' 4265'
				X MRKR Y MRKR	4540' 4578'
				DOUGLAS CREEK MRK BI CARBONATE MRK	4686' 4919'
				B LIMESTONE MRK CASTLE PEAK	5020' 5645'
				BASAL CARBONATE WASATCH	6085' 6214'

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 06/03/2013

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.



# NEWFIELD EXPLORATION

USGS Myton SW (UT)  
SECTION 15 T9S, R15E  
P-14-9-15  
Wellbore #1

Design: Actual

## End of Well Report

14 April, 2013





**Payzone Directional**  
End of Well Report



<b>Company:</b> NEWFIELD EXPLORATION	<b>Local Co-ordinate Reference:</b> Well P-14-9-15
<b>Project:</b> USGS Myton SW (UT)	TVD Reference: P-14-9-15 @ 6292.0ft (NDSI SS #1)
<b>Site:</b> SECTION 15 T9S, R15E	MD Reference: P-14-9-15 @ 6292.0ft (NDSI SS #1)
<b>Well:</b> P-14-9-15	North Reference: True
<b>Wellbore:</b> Wellbore #1	Survey Calculation Method: Minimum Curvature
<b>Design:</b> Actual	Database: EDM 2003.21 Single User Db

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

<b>Site:</b> SECTION 15 T9S, R15E, SEC 15 T9S, R15E	<b>Northings:</b> 7,182,500.00 ft	<b>Latitude:</b> 40° 1' 50.727 N
<b>Site Position:</b> Map	<b>Eastings:</b> 1,999,400.00 ft	<b>Longitude:</b> 110° 13' 4.516 W
<b>From:</b> Map	<b>Slot Radius:</b> "	<b>Grid Convergence:</b> 0.82 °
<b>Position Uncertainty:</b> 0.0 ft		

<b>Well:</b> P-14-9-15, SHL LAT: 40 01 32.66 LONG: -110 12 37.22	<b>Northings:</b> 7,180,702.66 ft	<b>Latitude:</b> 40° 1' 32.660 N
<b>Well Position:</b> +N/S 0.0 ft	<b>Eastings:</b> 2,001,549.25 ft	<b>Longitude:</b> 110° 12' 37.220 W
<b>Position Uncertainty:</b> 0.0 ft	<b>Wellhead Elevation:</b> 6,292.0 ft	<b>Ground Level:</b> 6,292.0 ft

Wellbore	Wellbore #1
<b>Magnetics</b>	
Model Name	IGRF2010
Sample Date	4/23/2012
Declination (°)	11.26
Dip Angle (°)	65.73
Field Strength (nT)	52.148

<b>Design</b>	Actual
<b>Audit Notes:</b>	
Version:	1.0
<b>Vertical Section:</b>	Phase: ACTUAL Tie On Depth: 0.0
Depth From (TVD) (ft)	+N/S (ft) +E/W (ft) Direction (°)
0.0	0.0 0.0 35.86

Survey Program	Date	4/14/2013
From (ft)	To (ft)	Survey (Wellbore)
345.0	6,227.0	Survey #1 (Wellbore #1)
		Tool Name
		MWD
		Description
		MWD - Standard



**Payzone Directional**  
End of Well Report



<b>Company:</b>	NEWFIELD EXPLORATION	<b>Local Co-ordinate Reference:</b>	Well P-14-9-15
<b>Project:</b>	USGS Mylon SW (UT)	<b>TVD Reference:</b>	P-14-9-15 @ 6292.0ft (NDSI SS #1)
<b>Site:</b>	SECTION 15 T9S, R15E	<b>MD Reference:</b>	P-14-9-15 @ 6292.0ft (NDSI SS #1)
<b>Well:</b>	P-14-9-15	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Actual	<b>Database:</b>	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
	345.0	0.20	284.50	345.0	-0.4	-0.1	-0.6	0.06	0.06	0.00
	375.0	0.20	296.80	375.0	-0.4	0.0	-0.7	0.37	0.00	107.67
	405.0	0.20	323.90	405.0	-0.4	0.0	-0.8	0.31	0.00	90.33
	436.0	0.40	314.40	436.0	-0.4	0.1	-0.9	0.66	0.65	-30.65
	466.0	0.30	331.80	466.0	-0.3	0.3	-1.0	0.48	-0.33	58.00
	497.0	0.50	355.50	497.0	-0.2	0.5	-1.0	0.82	0.65	76.45
	527.0	0.70	14.90	527.0	0.1	0.8	-1.0	0.94	0.67	64.67
	557.0	1.00	30.00	557.0	0.5	1.2	-0.8	1.24	1.00	50.33
	588.0	1.30	36.40	588.0	1.1	1.7	-0.5	1.05	0.97	20.65
	618.0	1.70	39.30	618.0	1.9	2.3	0.0	1.36	1.33	9.67
	648.0	2.00	38.90	649.0	2.9	3.1	0.6	0.97	0.97	-1.29
	679.0	2.20	36.00	678.9	4.0	4.0	1.3	0.75	0.67	-9.67
	710.0	2.60	32.30	709.9	5.3	5.1	2.0	1.38	1.29	-11.94
	740.0	3.10	27.50	739.9	6.8	6.4	2.8	1.85	1.67	-16.00
	770.0	3.60	24.80	769.8	8.5	7.9	3.5	1.75	1.67	-9.00
	800.0	3.90	25.50	799.8	10.4	9.7	4.4	1.01	1.00	2.33
	831.0	4.00	28.20	830.7	12.5	11.6	5.3	0.68	0.32	8.71
	861.0	4.40	30.90	860.6	14.7	13.5	6.4	1.49	1.33	9.00
	891.0	4.80	36.20	890.5	17.1	15.5	7.7	1.94	1.33	17.67
	922.0	5.10	39.70	921.4	19.8	17.6	9.4	1.37	0.97	11.29
	952.0	5.40	40.90	951.3	22.5	19.7	11.2	1.06	1.00	4.00
	983.0	5.80	42.70	982.1	25.5	22.0	13.2	1.41	1.29	5.81
	1,013.0	6.20	43.60	1,012.0	28.6	24.3	15.3	1.37	1.33	3.00
	1,043.0	6.40	41.80	1,041.8	31.9	26.7	17.6	0.94	0.67	-6.00
	1,089.0	6.90	39.60	1,087.5	37.2	30.7	21.0	1.22	1.09	-4.78
	1,133.0	7.40	36.80	1,131.1	42.7	35.0	24.4	1.38	1.14	-6.36



**Payzone Directional**  
End of Well Report



<b>Company:</b>	NEWFIELD EXPLORATION	<b>Local Co-ordinate Reference:</b>	Well P-14-9-15
<b>Project:</b>	USGS Mylon SW (UT)	<b>TVD Reference:</b>	P-14-9-15 @ 6292.0ft (NDSI SS #1)
<b>Site:</b>	SECTION 15 T9S, R15E	<b>MD Reference:</b>	P-14-9-15 @ 6292.0ft (NDSI SS #1)
<b>Well:</b>	P-14-9-15	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Actual	<b>Database:</b>	EDM 2003.21 Single User Db

Survey	MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	EMV (ft)	D Leg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
	1,177.0	7.70	34.60	1,174.7	48.5	39.7	27.8	0.95	0.68	-5.00
	1,221.0	7.90	33.40	1,218.3	54.4	44.7	31.1	0.59	0.45	-2.73
	1,266.0	8.40	34.60	1,262.9	60.8	50.0	34.7	1.17	1.11	2.67
	1,312.0	9.20	36.20	1,308.3	67.9	55.7	38.8	1.82	1.74	3.48
	1,358.0	9.70	35.80	1,353.7	75.4	61.8	43.2	1.10	1.09	-0.87
	1,404.0	10.30	34.60	1,399.0	83.4	68.3	47.8	1.38	1.30	-2.61
	1,448.0	10.90	33.60	1,442.3	91.5	75.0	52.3	1.43	1.36	-2.27
	1,494.0	11.70	35.20	1,487.4	100.5	82.5	57.4	1.87	1.74	3.48
	1,537.0	12.20	35.30	1,529.4	109.4	89.7	62.6	1.16	1.16	0.23
	1,583.0	12.20	35.50	1,574.4	119.1	97.7	68.2	0.09	0.00	0.43
	1,627.0	12.10	35.60	1,617.4	128.4	105.2	73.6	0.23	-0.23	0.23
	1,671.0	11.30	35.50	1,660.5	137.3	112.5	78.8	1.82	-1.82	-0.23
	1,716.0	11.20	34.60	1,704.6	146.1	119.7	83.8	0.45	-0.22	-2.00
	1,762.0	11.20	32.70	1,749.8	155.0	127.1	88.8	0.80	0.00	-4.13
	1,806.0	11.10	34.50	1,792.9	163.5	134.2	93.5	0.82	-0.23	4.09
	1,852.0	10.80	34.60	1,838.1	172.2	141.4	98.4	0.65	-0.65	0.22
	1,898.0	10.20	37.00	1,883.3	180.6	148.2	103.3	1.61	-1.30	5.22
	1,942.0	10.30	39.80	1,926.6	188.4	154.3	108.2	1.15	0.23	6.36
	1,988.0	10.00	41.20	1,971.9	196.5	160.5	113.5	0.84	-0.65	3.04
	2,033.0	9.70	38.30	2,016.2	204.2	166.4	118.4	1.29	-0.67	-6.44
	2,077.0	9.30	34.60	2,059.6	211.5	172.2	122.7	1.66	-0.91	-8.41
	2,121.0	9.50	35.70	2,103.0	218.6	178.1	126.8	0.61	0.45	2.50
	2,167.0	10.00	35.60	2,148.4	226.4	184.4	131.4	1.09	1.09	-0.22
	2,213.0	10.50	34.60	2,193.6	234.6	191.1	136.1	1.15	1.09	-2.17
	2,257.0	10.50	32.70	2,236.9	242.6	197.8	140.5	0.79	0.00	-4.32
	2,300.0	10.60	35.60	2,279.2	250.5	204.3	144.9	1.26	0.23	6.74
	2,346.0	11.10	36.30	2,324.4	259.2	211.3	150.0	1.12	1.09	1.52



**Payzone Directional**  
End of Well Report



<b>Company:</b>	NEWFIELD EXPLORATION	<b>Local Co-ordinate Reference:</b>	Well P-14-9-15
<b>Project:</b>	USGS Mylon SW (UT)	<b>TVD Reference:</b>	P-14-9-15 @ 6292.0ft (NDSI SS #1)
<b>Site:</b>	SECTION 15 T9S, R15E	<b>MD Reference:</b>	P-14-9-15 @ 6292.0ft (NDSI SS #1)
<b>Well:</b>	P-14-9-15	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Actual	<b>Database:</b>	EDM 2003.21 Single User Db

Survey	MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	EMW (ft)	D/Leg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
	2,392.0	11.30	36.80	2,369.5	268.1	218.5	155.4	0.48	0.43	1.09
	2,438.0	11.20	34.80	2,414.6	277.1	225.8	160.6	0.88	-0.22	-4.35
	2,482.0	10.90	34.40	2,457.8	285.5	232.7	165.4	0.70	-0.68	-0.91
	2,527.0	10.50	38.10	2,502.0	293.8	239.5	170.3	1.77	-0.89	8.22
	2,571.0	10.40	40.40	2,545.3	301.8	245.6	175.4	0.97	-0.23	5.23
	2,617.0	10.60	37.50	2,590.5	310.2	252.1	180.6	1.23	0.43	-6.30
	2,661.0	10.40	41.50	2,633.8	318.2	258.3	185.7	1.72	-0.45	9.09
	2,705.0	10.60	43.40	2,677.0	326.1	264.2	191.1	0.91	0.45	4.32
	2,751.0	11.20	41.70	2,722.2	334.8	270.7	197.0	1.48	1.30	-3.70
	2,795.0	11.70	41.70	2,765.3	343.5	277.2	202.8	1.14	1.14	0.00
	2,840.0	11.50	43.70	2,809.4	352.4	283.8	209.0	1.00	-0.44	4.44
	2,884.0	11.20	41.70	2,852.5	361.0	290.2	214.8	1.12	-0.68	-4.55
	2,928.0	11.20	39.00	2,895.7	369.6	296.7	220.4	1.19	0.00	-6.14
	2,973.0	11.80	36.30	2,939.8	378.5	303.8	225.9	1.79	1.33	-6.00
	3,017.0	11.80	33.10	2,982.9	387.5	311.2	231.0	1.49	0.00	-7.27
	3,063.0	11.30	30.30	3,027.9	396.7	319.0	235.8	1.63	-1.09	-6.09
	3,107.0	11.50	28.20	3,071.1	405.3	326.6	240.1	1.05	0.45	-4.77
	3,151.0	12.60	28.10	3,114.1	414.4	334.7	244.4	2.50	2.50	-0.23
	3,196.0	13.40	30.90	3,157.9	424.5	343.5	249.4	2.26	1.78	6.22
	3,242.0	14.00	32.00	3,202.6	435.4	352.8	255.1	1.42	1.30	2.39
	3,288.0	14.50	31.60	3,247.2	446.7	362.4	261.0	1.11	1.09	-0.87
	3,332.0	14.50	34.20	3,289.8	457.7	371.7	267.0	1.48	0.00	5.91
	3,378.0	14.30	36.30	3,334.4	469.1	381.0	273.6	1.22	-0.43	4.57
	3,422.0	13.80	36.40	3,377.1	479.8	389.6	280.0	1.14	-1.14	0.23
	3,468.0	13.40	35.50	3,421.8	490.6	398.4	286.3	0.98	-0.87	-1.96
	3,511.0	13.30	36.80	3,463.6	500.5	406.4	292.2	0.74	-0.23	3.02
	3,557.0	12.90	36.40	3,508.4	510.9	414.8	298.4	0.89	-0.87	-0.87



**Payzone Directional**  
End of Well Report



<b>Company:</b>	NEWFIELD EXPLORATION	<b>Local Co-ordinate Reference:</b>	Well P-14-9-15
<b>Project:</b>	USGS Myton SW (UT)	<b>TVD Reference:</b>	P-14-9-15 @ 6292.0ft (NDSI SS #1)
<b>Site:</b>	SECTION 15 T9S, R15E	<b>MD Reference:</b>	P-14-9-15 @ 6292.0ft (NDSI SS #1)
<b>Well:</b>	P-14-9-15	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Actual	<b>Database:</b>	EDM 2003.21 Single User Db

Survey	MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	EMV (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
	3,603.0	12.70	34.80	3,553.3	521.1	423.1	304.3	0.88	-0.43	-3.48
	3,649.0	12.30	33.80	3,598.2	531.1	431.3	309.9	0.99	-0.87	-2.17
	3,693.0	11.90	33.10	3,641.2	540.3	439.0	315.0	0.97	-0.91	-1.59
	3,739.0	11.70	32.90	3,686.2	549.7	446.9	320.1	0.44	-0.43	-0.43
	3,782.0	11.80	34.20	3,728.3	558.4	454.2	325.0	0.66	0.23	3.02
	3,826.0	12.10	35.10	3,771.4	567.6	461.7	330.1	0.80	0.68	2.05
	3,870.0	11.70	35.30	3,814.4	576.6	469.1	335.4	0.91	-0.91	0.45
	3,914.0	11.80	34.50	3,857.5	585.6	476.4	340.5	0.43	0.23	-1.82
	3,959.0	11.80	35.70	3,901.6	594.8	484.0	345.8	0.55	0.00	2.67
	4,003.0	11.70	37.10	3,944.6	603.7	491.2	351.1	0.69	-0.23	3.18
	4,049.0	11.50	36.80	3,989.7	613.0	498.6	356.7	0.45	-0.43	-0.65
	4,093.0	11.20	36.10	4,032.8	621.7	505.5	361.8	0.75	-0.68	-1.59
	4,136.0	11.10	36.50	4,075.0	630.0	512.2	366.7	0.29	-0.23	0.93
	4,182.0	11.00	35.60	4,120.2	638.8	519.3	371.9	0.43	-0.22	-1.96
	4,228.0	10.90	36.00	4,165.3	647.5	526.4	377.0	0.27	-0.22	0.87
	4,274.0	10.90	34.30	4,210.5	656.2	533.5	382.0	0.70	0.00	-3.70
	4,318.0	10.40	33.50	4,253.7	664.3	540.3	386.6	1.18	-1.14	-1.82
	4,362.0	10.90	33.70	4,297.0	672.5	547.1	391.1	1.14	1.14	0.45
	4,406.0	11.10	33.10	4,340.2	680.9	554.1	395.7	0.52	0.45	-1.36
	4,449.0	11.00	33.50	4,382.4	689.1	561.0	400.2	0.29	-0.23	0.93
	4,495.0	10.90	35.70	4,427.5	697.8	568.2	405.2	0.93	-0.22	4.78
	4,541.0	11.00	36.20	4,472.7	706.6	575.2	410.3	0.30	0.22	1.09
	4,585.0	10.60	36.20	4,515.9	714.8	581.9	415.2	0.91	-0.91	0.00
	4,631.0	10.40	33.90	4,561.2	723.2	588.7	420.0	1.01	-0.43	-5.00
	4,677.0	10.40	33.50	4,606.4	731.5	595.7	424.6	0.16	0.00	-0.87
	4,722.0	10.80	36.00	4,650.6	739.8	602.5	429.3	1.35	0.89	5.56
	4,768.0	11.10	39.10	4,695.8	748.5	609.4	434.7	1.44	0.65	6.74



**Payzone Directional**  
End of Well Report



<b>Company:</b>	NEWFIELD EXPLORATION	<b>Local Co-ordinate Reference:</b>	Well P-14-9-15
<b>Project:</b>	USGS Myton SW (UT)	<b>TVD Reference:</b>	P-14-9-15 @ 6292.0ft (NDSI SS #1)
<b>Site:</b>	SECTION 15 T9S, R15E	<b>MD Reference:</b>	P-14-9-15 @ 6292.0ft (NDSI SS #1)
<b>Well:</b>	P-14-9-15	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Actual	<b>Database:</b>	EDM 2003.21 Single User Db

Survey	MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	EW (ft)	D/Leg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
	4,814.0	11.10	40.80	4,740.9	757.3	616.2	440.3	0.71	0.00	3.70
	4,860.0	11.20	39.10	4,786.1	766.2	623.0	446.1	0.75	0.22	-3.70
	4,906.0	11.20	37.20	4,831.2	775.1	630.0	451.6	0.80	0.00	-4.13
	4,951.0	11.30	36.40	4,875.3	783.9	637.0	456.8	0.41	0.22	-1.78
	4,973.5	11.35	37.32	4,897.4	788.3	640.6	459.5	0.84	0.22	4.11
<b>P-14-9-15 TGT</b>										
	4,995.0	11.40	38.20	4,918.5	792.6	643.9	462.1	0.84	0.23	4.07
	5,039.0	11.10	38.10	4,961.6	801.1	650.7	467.4	0.68	-0.68	-0.23
	5,083.0	10.90	37.70	5,004.8	809.5	657.3	472.5	0.49	-0.45	-0.91
	5,128.0	10.90	36.90	5,050.0	818.2	664.2	477.8	0.33	0.00	-1.74
	5,174.0	10.60	37.10	5,094.2	826.6	670.9	482.9	0.67	-0.67	0.44
	5,218.0	10.20	37.00	5,137.5	834.6	677.3	487.6	0.91	-0.91	-0.23
	5,264.0	10.40	36.60	5,182.7	842.8	683.8	492.6	0.46	0.43	-0.87
	5,308.0	10.60	37.00	5,226.0	850.8	690.3	497.4	0.48	0.45	0.91
	5,354.0	11.60	38.10	5,271.1	859.6	697.3	502.8	2.22	2.17	2.39
	5,400.0	12.30	39.60	5,316.1	869.2	704.7	508.8	1.66	1.52	3.26
	5,446.0	11.00	37.80	5,361.2	878.4	711.9	514.6	2.93	-2.83	-3.91
	5,490.0	11.00	40.20	5,404.4	886.8	718.5	519.8	1.04	0.00	5.45
	5,535.0	11.50	39.90	5,448.5	895.6	725.2	525.5	1.12	1.11	-0.67
	5,579.0	10.90	38.70	5,491.7	904.1	731.8	530.9	1.46	-1.36	-2.73
	5,625.0	10.20	37.60	5,536.9	912.5	738.4	536.1	1.58	-1.52	-2.39
	5,669.0	10.00	35.80	5,580.2	920.2	744.6	540.7	0.85	-0.45	-4.09
	5,715.0	9.70	35.50	5,625.5	928.1	751.0	545.3	0.66	-0.65	-0.65
	5,758.0	9.10	35.50	5,668.0	935.1	756.7	549.4	1.40	-1.40	0.00
	5,802.0	9.50	37.00	5,711.4	942.2	762.4	553.6	1.06	0.91	3.41
	5,846.0	9.80	37.00	5,754.8	949.6	768.3	558.0	0.68	0.68	0.00
	5,892.0	9.80	37.40	5,800.1	957.4	774.6	562.8	0.15	0.00	0.87



**Payzone Directional**  
End of Well Report



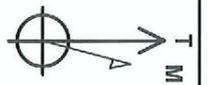
<b>Company:</b> NEWFIELD EXPLORATION	<b>Local Co-ordinate Reference:</b>
<b>Project:</b> USGS Myton SW (UT)	Well P-14-9-15
<b>Site:</b> SECTION 15 T9S, R15E	P-14-9-15 @ 6292.0ft (NDSI SS #1)
<b>Well:</b> P-14-9-15	P-14-9-15 @ 6292.0ft (NDSI SS #1)
<b>Wellbore:</b> Wellbore #1	True
<b>Design:</b> Actual	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)
	5,936.0	9.90	37.70	5,843.4	965.0	780.5	567.4	0.26	0.23	0.68
	5,982.0	10.60	37.20	5,888.7	973.1	787.0	572.3	1.53	1.52	-1.09
	6,027.0	10.90	36.20	5,932.9	981.5	793.8	577.3	1.06	0.67	-4.44
	6,073.0	10.50	34.40	5,978.1	990.1	800.8	582.2	0.93	-0.87	-1.74
	6,119.0	9.50	34.30	6,023.4	998.1	807.4	586.7	2.17	-2.17	-0.22
	6,165.0	8.80	31.90	6,068.8	1,005.4	813.5	590.7	1.73	-1.52	-5.22
	6,174.0	8.80	32.00	6,077.7	1,006.7	814.7	591.4	0.17	0.00	1.11
	6,227.0	8.80	32.00	6,130.1	1,014.8	821.6	595.7	0.00	0.00	0.00

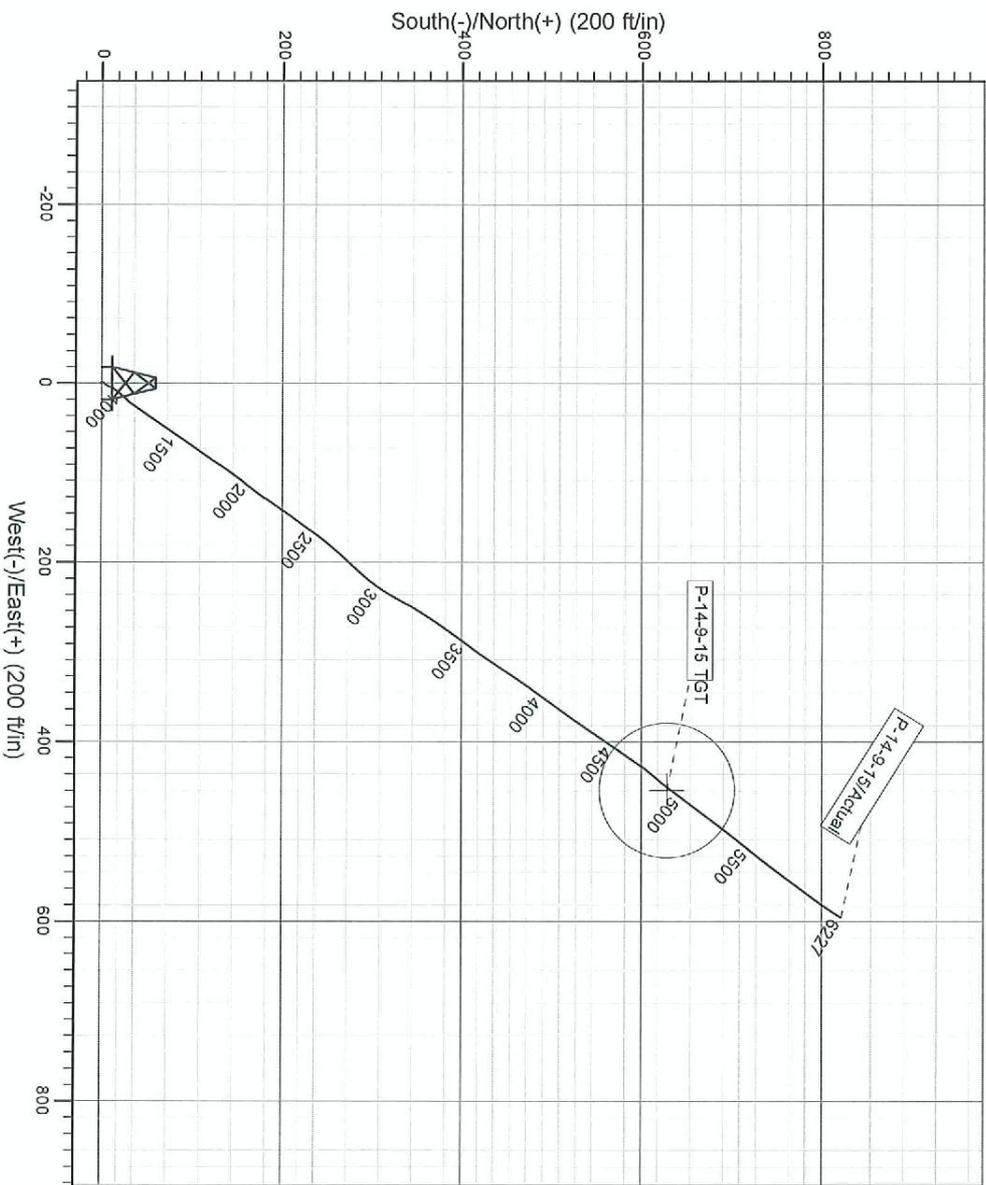
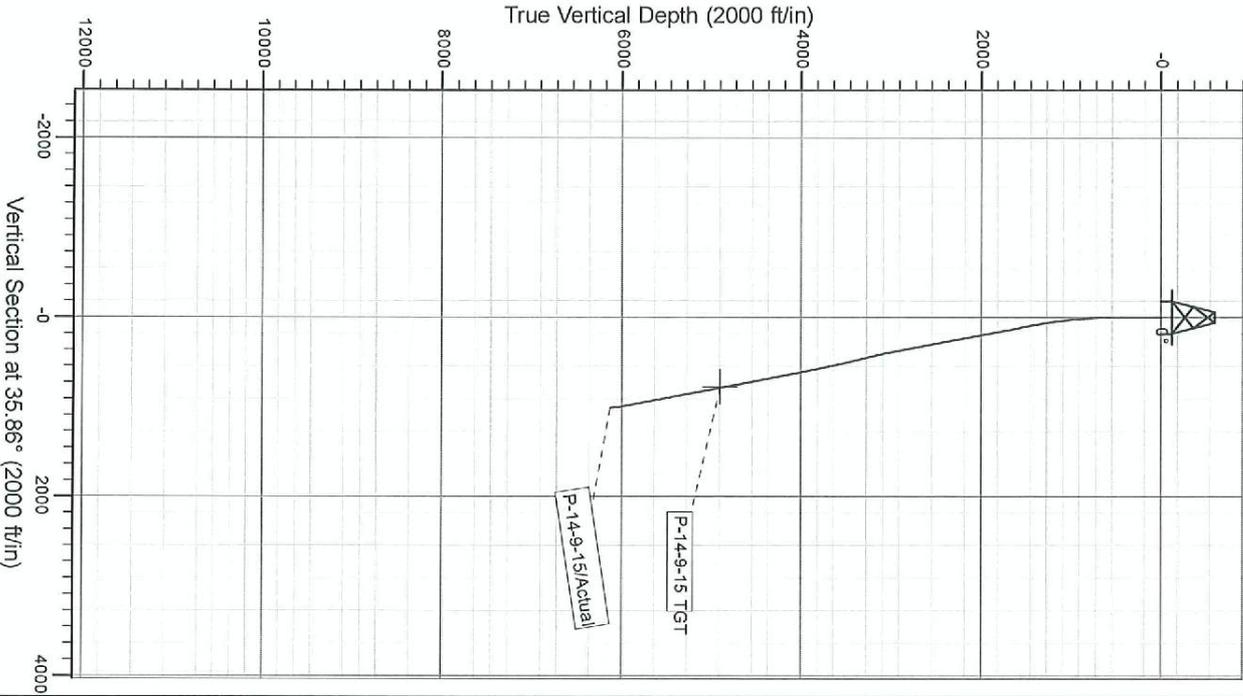
Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



Project: USGS Myton SW (UT)  
 Site: SECTION 15 T9S, R15E  
 Well: P-14-9-15  
 Wellbore: Wellbore #1  
 Design: Actual



Azimuths to True North  
 Magnetic North: 11.26°  
 Magnetic Field  
 Strength: 52148.2snT  
 Dip Angle: 65.73°  
 Date: 4/23/2012  
 Model: IGRF2010



Design: Actual (P-14-9-15/Wellbore #1)

Created By: *Kenah W. Ahl* Date: 21:14, April 14 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-14-9-15****2/1/2013 To 6/30/2013****4/23/2013 Day: 1****Completion**

Rigless on 4/23/2013 - Run CBL. Press test BOP. Csg Valve, Frac Valve & Csg. - NU 7" 5K Weatherford BOP & FMC Frac Valve. RU Extreme WLT w/ Crane & run CBL. WLTD @ 6126' & cement top @ 20'. RU B&C Quick Test. Press Testing Unit pressure test HYD Chamber. Press Test casing, blind rams, Frac Valve, csg & casing valves to 4300 psi. RU W/L Press Test Pack off to 800psi RIH Perforate stage #1, LODC sds @ (5609-10', 5591-92', 5583-84', 5577-78', 5518-20', 5485-86') w/ 3 1/8" Disposable guns ( 16 gram .34" EH 22" pen w/120% phasing) w/ 3 spf for total of 21 shots. RD B&C Quick Test & Extreme WLT Wait on frac crew  
EWTR130.5 BBLs

**Daily Cost:** \$0**Cumulative Cost:** \$37,753**4/24/2013 Day: 2****Completion**

Rigless on 4/24/2013 - Frac & Flow Back Well - 3rd Stage. RU Extreme W/L Press test Lub 4000 psi Open well @ 2700 psi. RIH W/ CFT Plug & 3-1/8" Csg Guns (3 SPF) Set CFT Plug @ 5070' & Perforate the B-.5/2 formation @ 4998-00', 4992-94', 4936-39', 21 Shots, POOH CWI RD W/L. - 2nd Stage. RU Baker Hughes. Safety Meeting. JSA. Press test Lines 5000 psi. Open Well @ 1675 psi Break down LODC Formation (18 holes) @ 2746 psi W/ 2.1 bbls 7% KCL water @ 2.8 BPM. Pump 130 BBLs to get rate & X link. Pump 15 BBLs Pad, 233 BBLs 1# to 4# 20/40 Sand (ramped) Pump 445 bbls 5# to 6# 20/40 Sand (ramped) Pump 87 BBLs 6# Sand, 12 bbls 15% HCL. Pump 127.2 BBLs 7% KCL water Flush. ISIP 2698 psi. FG.95. Max Press 3720 psi, Avg press 3001 psi. Max Rate 40 bpm, Avg rate 39 bpm. 143,429# 20/40 White Sand In Formation. 1051 total bbls pumped - 3rd Stage. RU Baker Hughes. Safety Meeting. JSA. Press test Lines 5000 psi. Open Well @ 1815 psi Break down B-.5/2 Formation (21 holes) @ 2192 psi W/ 1 bbls 7% KCL water @ 2.8 BPM. Pump 91 BBLs to get rate & X link. Pump 15 BBLs Pad, 90 BBLs 1# to 4# 20/40 Sand (ramped) Pump 173 bbls 5# to 6# 20/40 Sand (ramped) Pump 40 BBLs 6# Sand, 12 bbls 15% HCL. Pump 117.5 BBLs 7% KCL water Flush. ISIP 2076 psi. FG.82. Max Press 3787 psi, Avg press 3481 psi. Max Rate 40 bpm, Avg rate 34 bpm. 55,668# 20/40 White Sand In Formation. 539 total bbls pumped - 4th Stage. RU Extreme W/L Press test Lub 4000 psi Open well @ 1680 psi. RIH W/ CFT Plug & 3-1/8" Csg Guns (3 SPF) Set CFT Plug @ 4810' & Perforate the D-1 formation @ 4718-22', 12 Shots, POOH CWI RD W/L. - 2nd Stage. RU Extreme W/L Press test Lub 4000 psi Open well @ 2075 psi. RIH W/ CFT Plug & 3-1/8" Csg Guns (3 SPF) Set CFT Plug @ 5440' & Perforate the LODC formation @ 5376-78', 5362-64', 5346-48', 18 Shots, POOH CWI RD W/L. - 5th Stage. RU Extreme W/L Press test Lub 4000 psi Open well @ 1825 psi. RIH W/ CFT Plug & 3-1/8" Csg Guns (3 SPF) Set CFT Plug @ 4340' & Perforate the GB-2/6 formation @ 4258-62', 4055-58', 21 Shots, POOH CWI RD W/L. - 5th Stage. RU Baker Hughes. Safety Meeting. JSA. Press test Lines 5000 psi. Open Well @ 1526 psi Break down GB-2/6 Formation (21 holes) @ 1945 psi W/ 5.4 bbls 7% KCL water @ 7.2 BPM. Pump 86 BBLs to get rate & X link. Pump 15 BBLs Pad, 110 BBLs 1# to 4# 20/40 Sand (ramped) Pump 210 bbls 5# to 6# 20/40 Sand (ramped) Pump 64 BBLs 6# Sand, Pump 96.5 BBLs 7% KCL water Flush. ISIP 2210 psi. FG.98. Max Press 3146 psi, Avg press 2852 psi. Max Rate 47 bpm, Avg rate 44 bpm. 67,866# 20/40 White Sand In Formation. 585 total bbls pumped - SICP1850 psi open well to pit on 24/64 choke flow back @ 3BPM - RU Baker Hughes. Safety Meeting. JSA. Press test Lines 5000psi. Open Well @ 65 psi Break down LODC Formation (21 holes) @ 3451 psi W/ 4.1 bbls 7% KCL water @ 3 BPM. ISIP 2151 psi FG.84 (1 min 1941 psi) (4 min 1488 psi). Pump 6 bbls 15% HCL, 78 BBLs 7% KCL to get rate & X link. Pump 15 BBLs Pad, 467 BBLs 1# to 4# 20/40 Sand (ramped)

<http://www.inewfld.com/denver/SumActRpt.asp?RC=335389&API=4301351566&MinDate...> 5/7/2013

**RECEIVED:** Aug. 29, 2013

Pump 894 bbls 5# to 6# 20/40 Sand (ramped) Pump 207 BBls 6# Sand, 12 bbls 15% HCL. Pump 130.5 BBls 7% KCL water Flush. ISIP 2151 psi. FG.1.01. Max Press 3715 psi, Avg press 3244 psi. Max Rate 40.3 bpm, Avg rate 36.2 bpm. 288,567# 20/40 White Sand In Formation. 1814 total bbls pumped - 4th Stage. RU Baker Hughes. Safety Meeting. JSA. Press test Lines 5000 psi. Open Well @ 1512 psi Break down D-1 Formation (12 holes) @ 1948 psi W/ 1 bbls 7% KCL water @ 3.4 BPM. Pump 22 BBls to get rate & X link. Pump 15 BBls Pad, 24 BBls 1# to 4# 20/40 Sand (ramped) Pump 46 bbls 5# to 6# 20/40 Sand (ramped) Pump 6 BBls 6# Sand, 12 bbls 15% HCL. Pump 112.7 BBls 7% KCL water Flush. ISIP 2184 psi. FG.91. Max Press 3124 psi, Avg press 2977 psi. Max Rate 26 bpm, Avg rate 25 bpm. 14,934# 20/40 White Sand In Formation. 238 total bbls pumped

**Daily Cost:** \$0

**Cumulative Cost:** \$279,041

**4/29/2013 Day: 3**

**Completion**

Nabors #1423 on 4/29/2013 - MIRU. ND Frac Valve NU BOPs. Press test BOPs. Unload Tbg. PU & RIH W/ 4-3/4 Bit & 126 Jts Tbg - R/U B AND C QUICK TEST - TEST BOPs - R/D B AND C - M/U 4 3/4" CHOMP MILL - RIH W/ 126 JTS - TAG KILL PLUG @ 3940' - - STRIP OFF WIPING BOX - STRIP DRILLING RUBBER ON - R/U RBS POWER SWIVEL - SDFWE - N/D FRAC VALVE - N/U DOUBLE GATE PIPE RAMS - - CREW TRAVEL AND JSP MEETING - R/U EXTREME WIRELINE - SET KILL PLUG @ 3940' - R/D WIRELINE -

**Daily Cost:** \$0

**Cumulative Cost:** \$331,403

**4/30/2013 Day: 4**

**Completion**

Nabors #1423 on 4/30/2013 - Drill Plugs Clean out Well.Trip tbg - CREW TRAVEL AND JSP MEETING - M/U BHA - RIH W/ PRODUCTION - N/C, 2JTS, S/N, 2JTS, TAC - 177 JTS - SET TAC FROM FLOOR - LAND TBG ON HANGER - SWIFN - - POOH W/ 181 JTS - L/D BIT AND BIT SUB - - RACK OUT RBS POWER SWIVEL - L/D 15 JTS - 21 JTS TOTAL OUT - CATCH CIRCULATION - DRILL KILL PLUG - 15 MINUTES - SWIVEL JTS IN HOLE - TAG FILL @ 4220' - CLEAN OUT 120' OF SAND TO 1ST PLUG @ 4340' - DRILL PLUG - 20 MINUTES - SWIVEL JTS IN TO 2ND PLUG @ 4810' - DRILL PLUG - 15 MINUTES - SWIVEL JTS IN - TAG FILL @ 4670' - CLEAN OUT 140' OF FILL TO 3RD PLUG @ 4810' - DRILL PLUG - 10 MINUTES - SWIVEL JTS IN - TAG FILL @ 5010' - CLEAN OUT 60' OF FILL TO 4TH PLUG @ 5070' - DRILL PLUG - 15 MINUTES - HANG SWIVEL BACK - RIH - TAG FILL @ 5881' - CLEAN OUT 280' OF FILL TO PBDT @ 6161' - CIRCULATE WELL CLEAN WITH 180 BBLS 7% KCL -

**Daily Cost:** \$0

**Cumulative Cost:** \$339,570

**5/1/2013 Day: 5**

**Completion**

Nabors #1423 on 5/1/2013 - Land Tbg. RIH W/ Rods. RDMO - P/U AND PRIME PUMP - RIH W/ PRODUCTION - (30) 7/8" 8 PER GUIDED, (117) 3/4" 4 PER GUIDED, (75) 7/8" 4 PER GUIDED, (1) 2' x 7/8" ROD SUB - - R/D WORKFLOOR - N/D BOPs - UNLAND TBG - REMOVE SUB FROM BELOW HANGER - RELAND TBG IN 18000#'S TENSION - N/U WELLHEAD - CHANGE OVER FOR RODS - SPOT IN ROD TRAILER - R/U WORK FLOOR - N/D FRAC VALVE ON S -15 -9-15 - N/U DOUBLE GATE BOPs - SICP 250 PSI - SITP 250 PSI - CIRCULATE WELL W/ 130 BBLS 7% KCL - - P/U POLISH ROD - FILL TBG W/ 2 BBLS - STROKE TEST PUMP TO 800 PSI - GOOD TEST - R/D WORKFLOOR - BRIDAL ON HORSE HEAD - SET HEAD W/ 144" STROKE LENGTH - - RIG DOWN - SPOT RIG IN ON S -15 -9-15 - - CREW TRAVEL AND JSP MEETING

**Daily Cost:** \$0

**Cumulative Cost:** \$372,237