

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

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL		1. WELL NAME and NUMBER GMBU R-36-8-17
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>		3. FIELD OR WILDCAT MONUMENT BUTTE
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO		5. UNIT or COMMUNITIZATION AGREEMENT NAME GMBU (GRRV)
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY		7. OPERATOR PHONE 435 646-4825
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052		9. OPERATOR E-MAIL mcrozier@newfield.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) ML-44305	11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
13. NAME OF SURFACE OWNER (if box 12 = 'fee')		12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')		14. SURFACE OWNER PHONE (if box 12 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')
18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	731 FSL 1972 FEL	SWSE	36	8.0 S	17.0 E	S
Top of Uppermost Producing Zone	1113 FSL 2466 FEL	SWSE	36	8.0 S	17.0 E	S
At Total Depth	1486 FSL 2364 FWL	NESW	36	8.0 S	17.0 E	S

21. COUNTY UINTAH	22. DISTANCE TO NEAREST LEASE LINE (Feet) 1486	23. NUMBER OF ACRES IN DRILLING UNIT 20
27. ELEVATION - GROUND LEVEL 5020	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 921	26. PROPOSED DEPTH MD: 6384 TVD: 6384
	28. BOND NUMBER B001834	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	12.25	8.625	0 - 300	24.0	J-55 ST&C	8.3	Class G	138	1.17	15.8
Prod	7.875	5.5	0 - 6384	15.5	J-55 LT&C	8.3	Premium Lite High Strength	303	3.26	11.0
							50/50 Poz	363	1.24	14.3

ATTACHMENTS

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

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Mandie Crozier	TITLE Regulatory Tech	PHONE 435 646-4825
SIGNATURE	DATE 03/17/2011	EMAIL mcrozier@newfield.com
API NUMBER ASSIGNED 43047515410000	APPROVAL  Permit Manager	

NEWFIELD PRODUCTION COMPANY
 GMBU R-36-8-17
 AT SURFACE: SW/SE SECTION 36, T8S, R17E
 UINTAH COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

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

Uinta	0' – 1540'
Green River	1540'
Wasatch	6205'
Proposed TD	6384'

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

Green River Formation (Oil) 1540' – 6205'

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

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

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

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

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO ₃) (mg/l)
Dissolved Bicarbonate (NaHCO ₃) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO ₄) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. PROPOSED CASING PROGRAM

a. Casing Design: GMBU R-36-8-17

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	300'	24.0	J-55	STC	2,950	1,370	244,000
						17.53	14.35	33.89
Prod casing 5-1/2"	0'	6,384'	15.5	J-55	LTC	4,810	4,040	217,000
						2.37	1.99	2.19

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 R-36-8-17

Job	Fill	Description	Sacks	OH Excess*	Weight (ppg)	Yield (ft ³ /sk)
			ft ³			
Surface casing	300'	Class G w/ 2% CaCl	138	30%	15.8	1.17
			161			
Prod casing Lead	4,384'	Prem Lite II w/ 10% gel + 3% KCl	303	30%	11.0	3.26
			987			
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 ±350 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 ±350 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

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

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

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

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

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

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

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

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

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

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

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

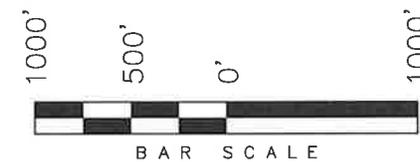
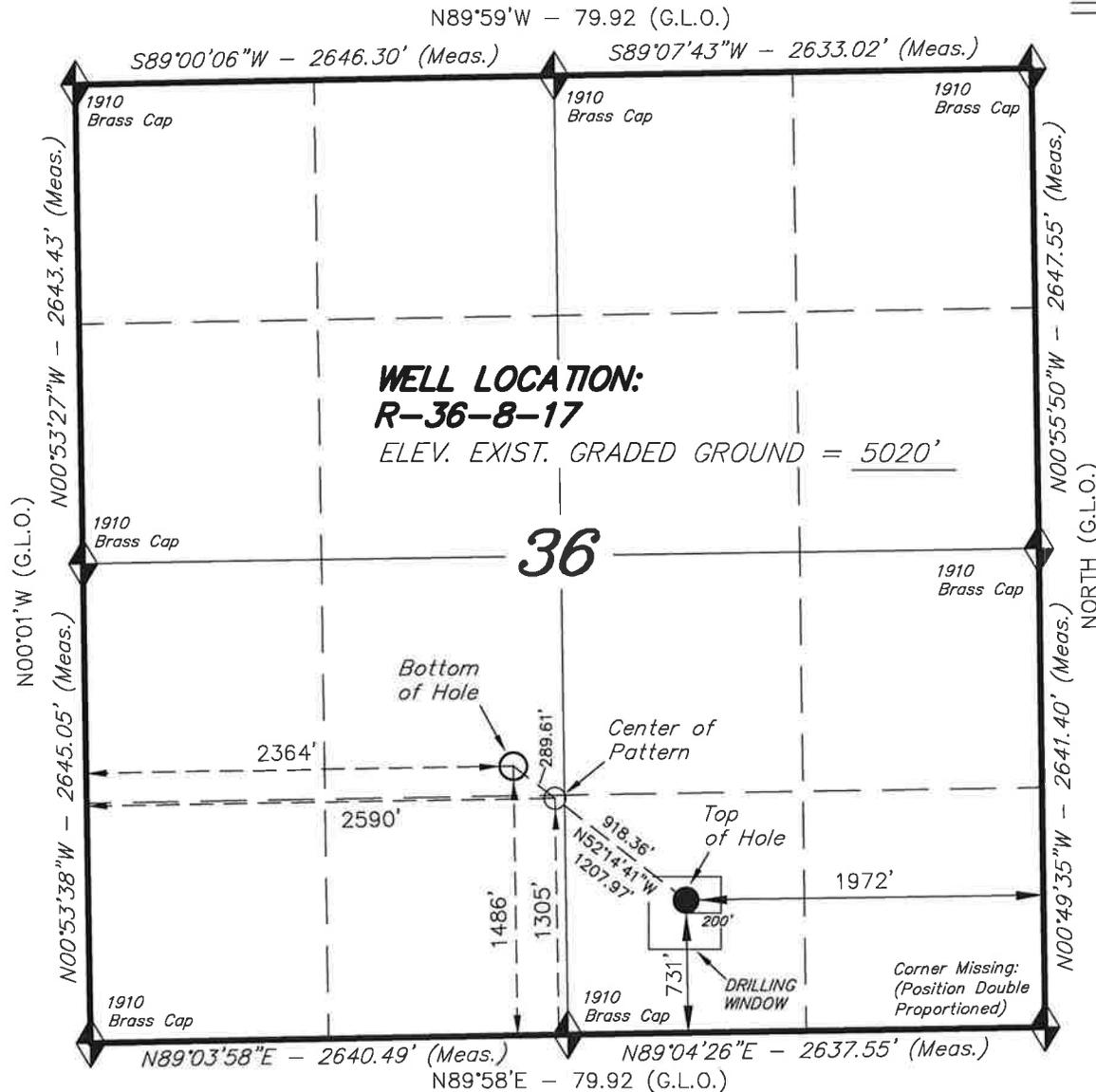
It is anticipated that the drilling operations will commence the second quarter of 2011, and take approximately seven (7) days from spud to rig release.

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

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, R-36-8-17, LOCATED AS SHOWN IN THE SW 1/4 SE 1/4 OF SECTION 36, T8S, R17E, S.L.B.&M. UTAH COUNTY, UTAH.

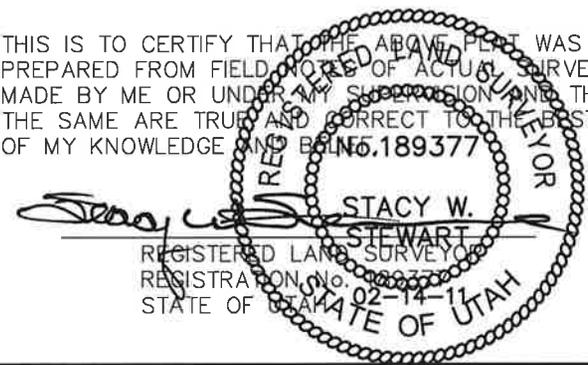
TARGET BOTTOM HOLE, R-36-8-17, LOCATED AS SHOWN IN THE NE 1/4 SW 1/4 OF SECTION 36, T8S, R17E, S.L.B.&M. UTAH COUNTY, UTAH.



NOTES:

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

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



◆ = SECTION CORNERS LOCATED

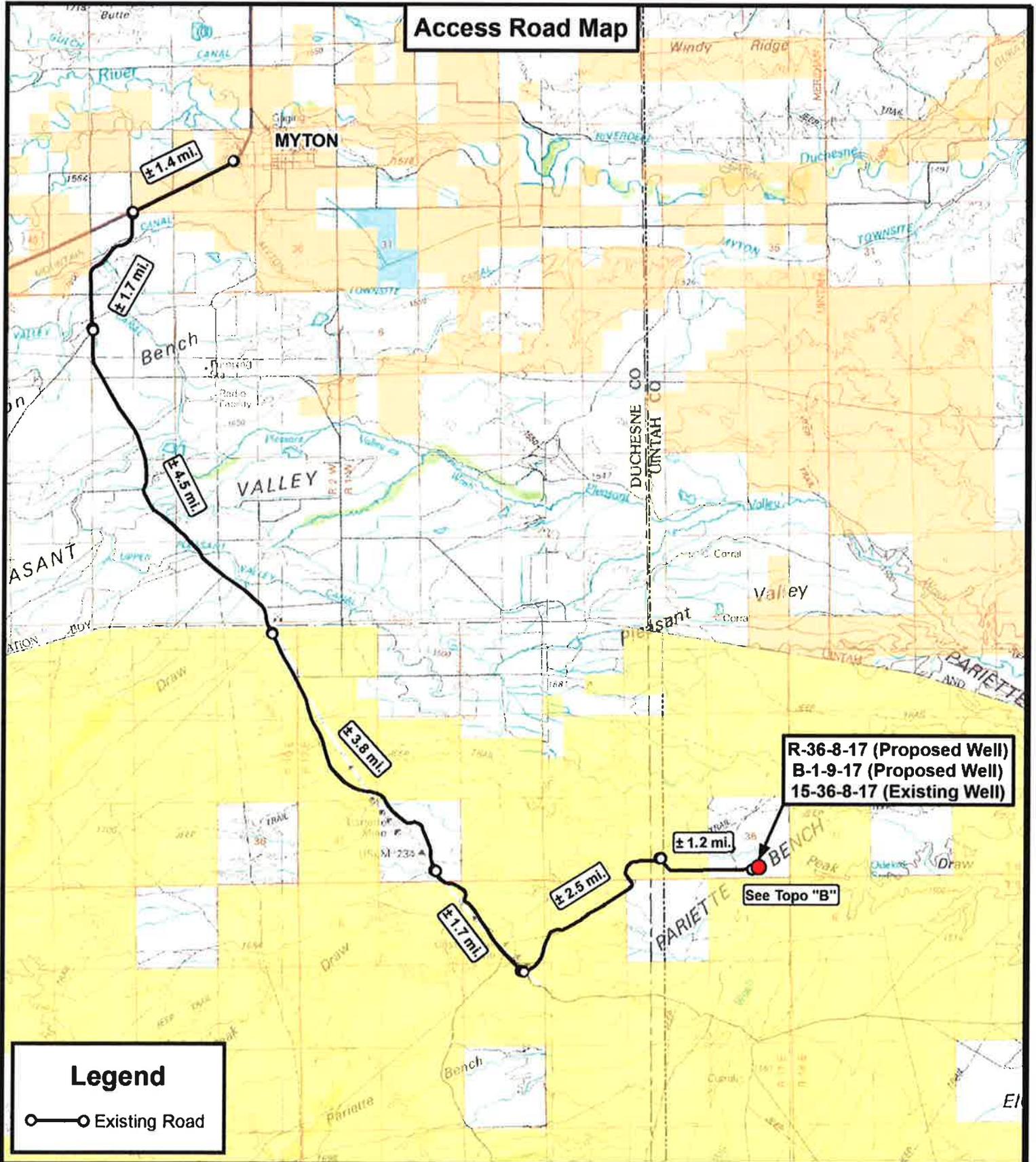
BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

R-36-8-17
 (Surface Location) NAD 83
 LATITUDE = 40° 04' 09.06"
 LONGITUDE = 109° 57' 09.19"

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

DATE SURVEYED: 01-24-11	SURVEYED BY: C.D.S.
DATE DRAWN: 02-01-11	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

Access Road Map



R-36-8-17 (Proposed Well)
B-1-9-17 (Proposed Well)
15-36-8-17 (Existing Well)

See Topo "B"

Legend

○—○ Existing Road

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

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

DRAWN BY:	C.H.M.
DATE:	02-12-2011
SCALE:	1:100,000



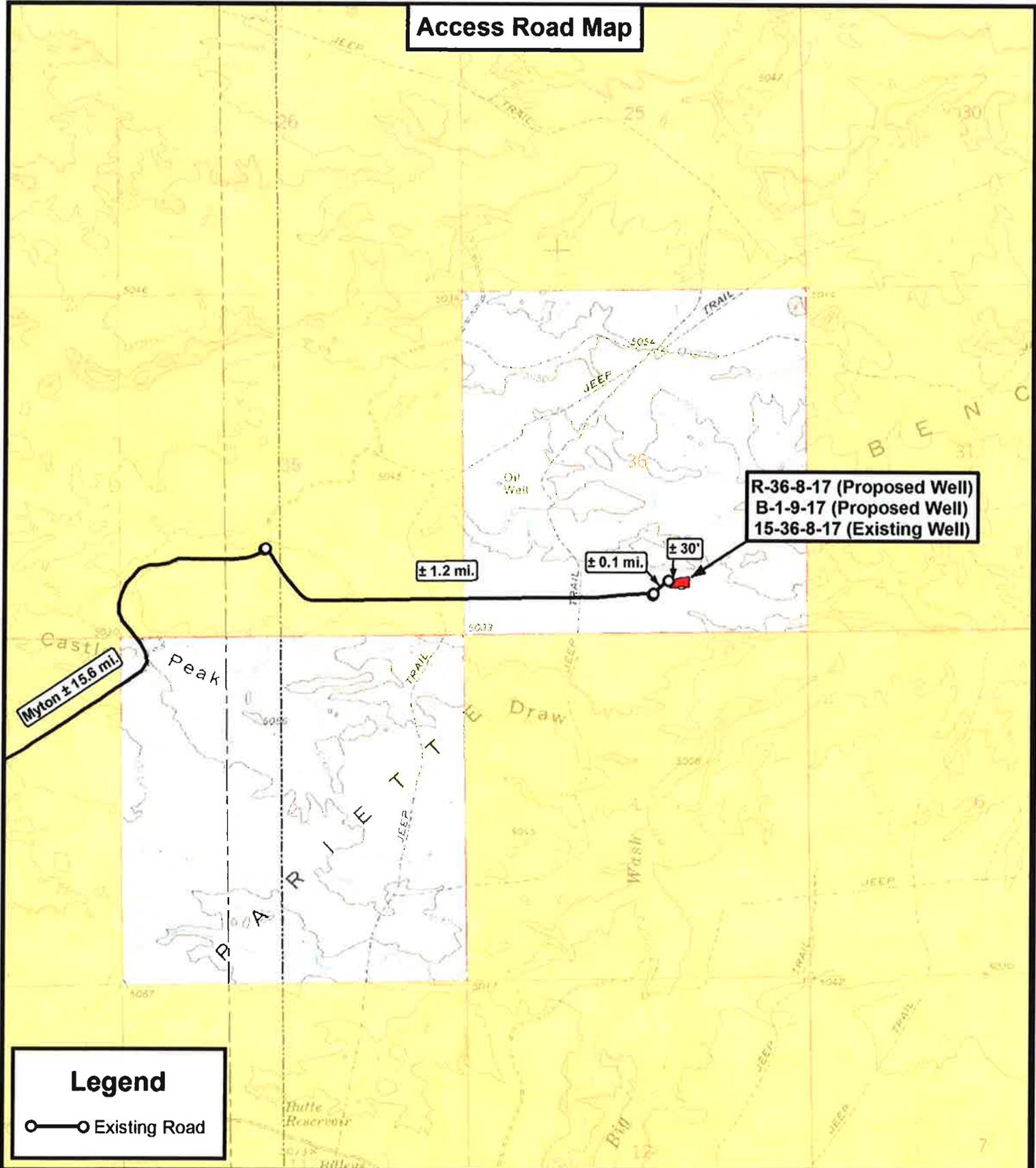
NEWFIELD EXPLORATION COMPANY

R-36-8-17 (Proposed Well)
 B-1-9-17 (Proposed Well)
 15-36-8-17 (Existing Well)
 SEC. 36, T8S, R17E, S.L.B.&M. Uintah County, UT.

TOPOGRAPHIC MAP

SHEET **A**

Access Road Map



**R-36-8-17 (Proposed Well)
B-1-9-17 (Proposed Well)
15-36-8-17 (Existing Well)**

± 1.2 mi.

± 0.1 mi.

± 30'

Myton ± 156 mi.

Legend

○—○ Existing Road

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

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

DRAWN BY:	C.H.M.
DATE:	02-12-2011
SCALE:	1" = 2,000'



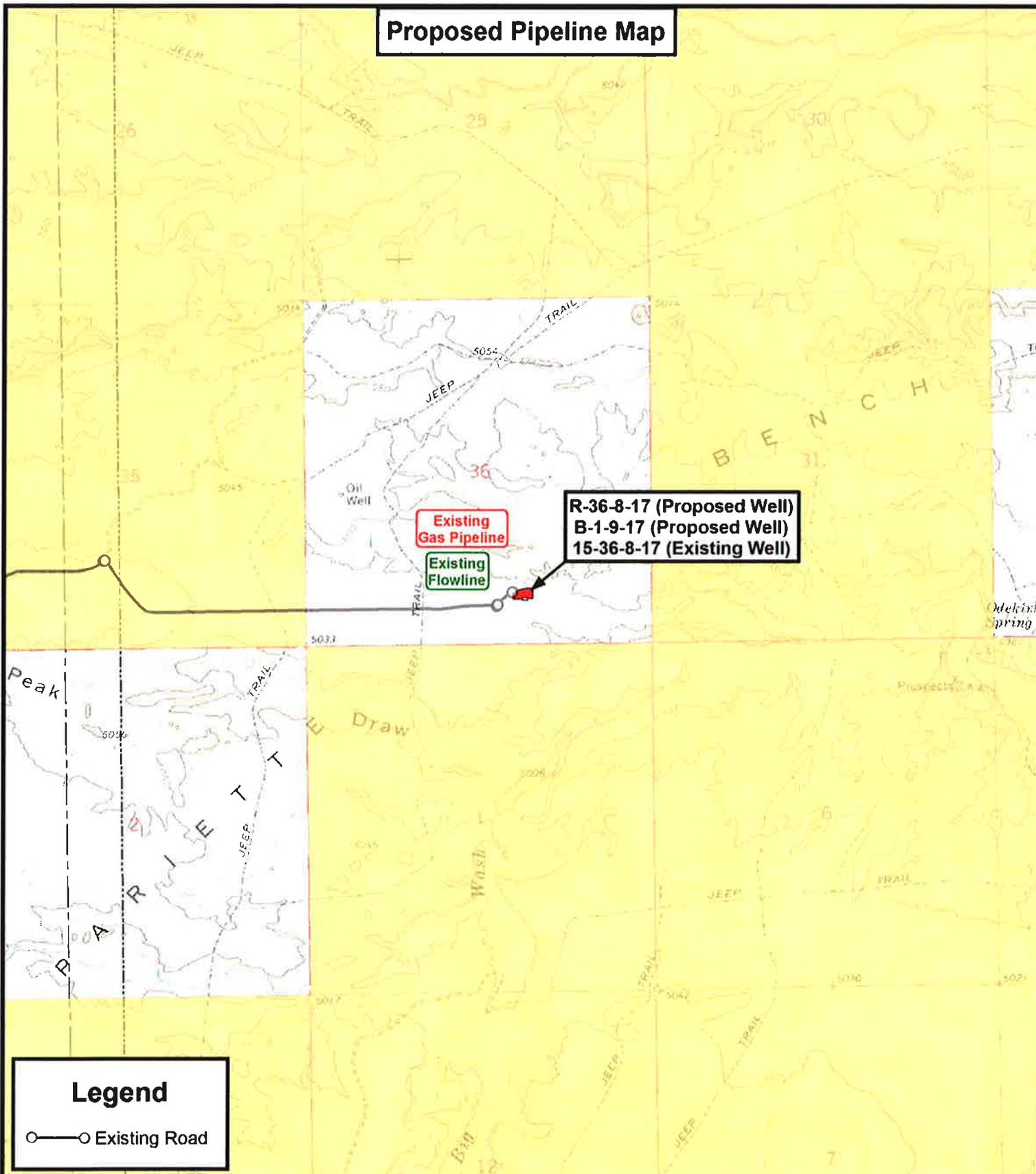
NEWFIELD EXPLORATION COMPANY

R-36-8-17 (Proposed Well)
B-1-9-17 (Proposed Well)
15-36-8-17 (Existing Well)
SEC. 36, T8S, R17E, S.L.B.&M. Uintah County, UT.

TOPOGRAPHIC MAP

SHEET **B**

Proposed Pipeline Map



Legend

○—○ Existing Road



**Tri State
Land Surveying, Inc.**
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NEWFIELD EXPLORATION COMPANY

R-36-8-17 (Proposed Well)
B-1-9-17 (Proposed Well)
15-36-8-17 (Existing Well)
SEC. 36, T8S, R17E, S.L.B.&M. Uintah County, UT.

DRAWN BY:	C.H.M.
DATE:	02-12-2011
SCALE:	1" = 2,000'

TOPOGRAPHIC MAP

SHEET **C**

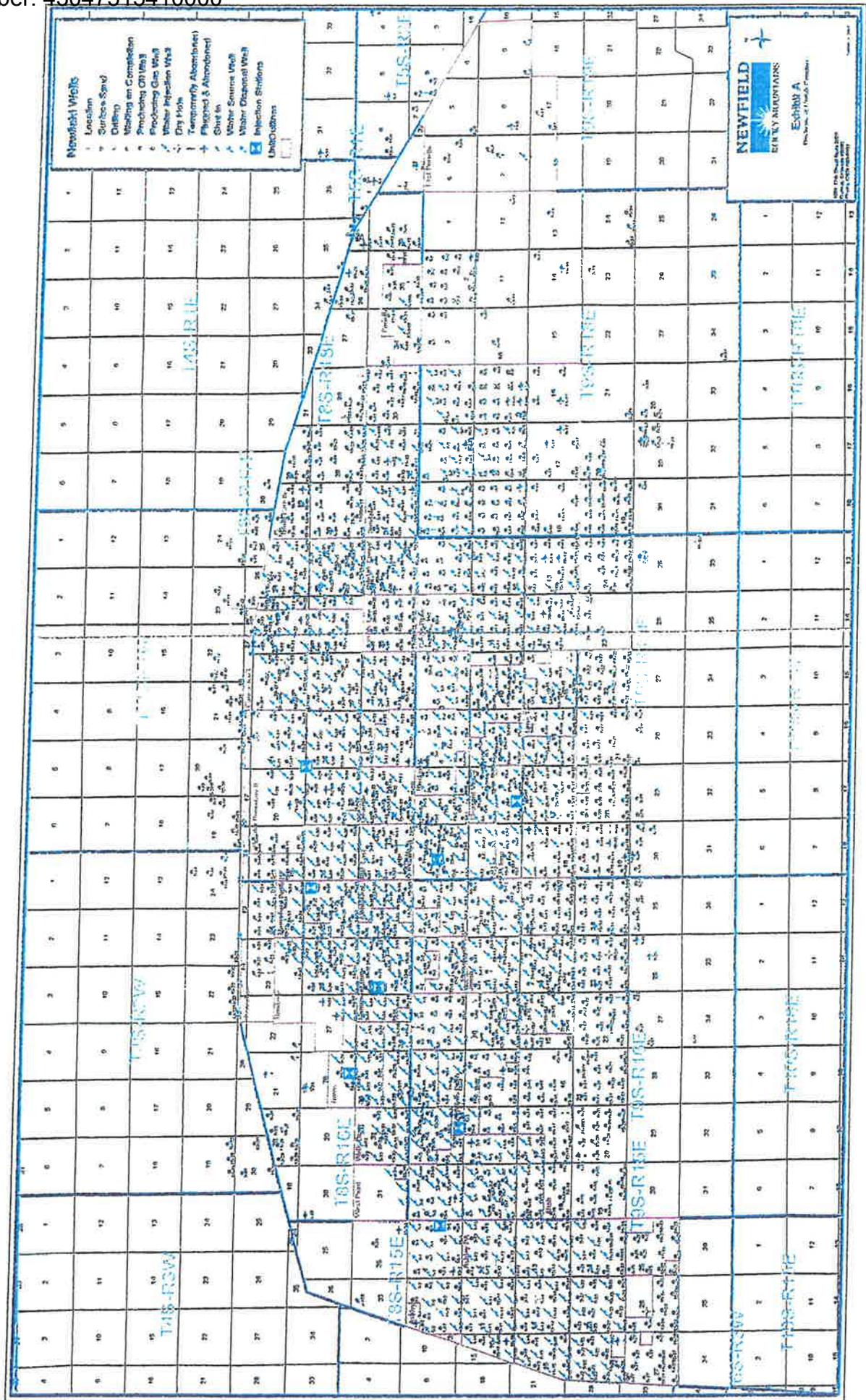
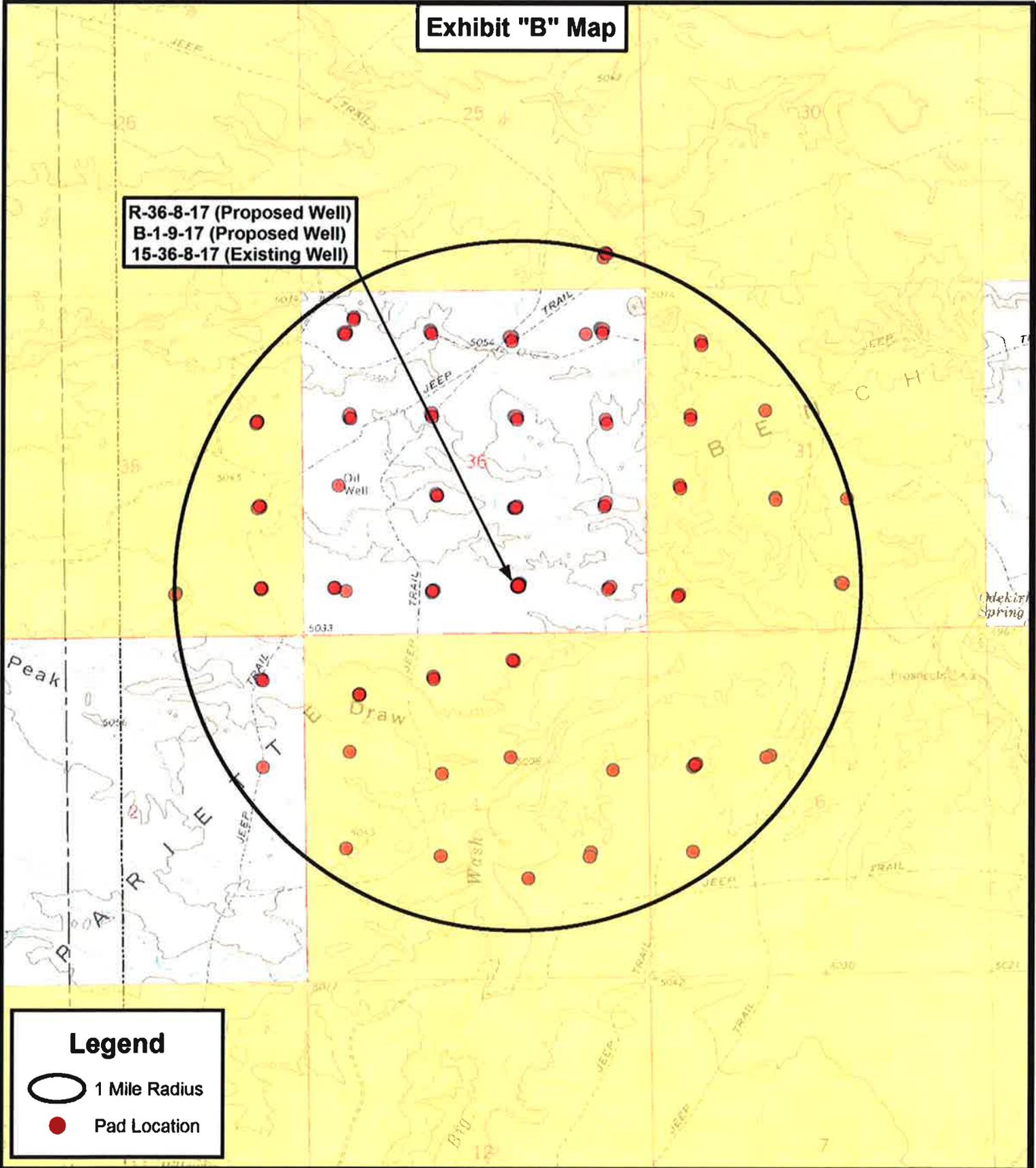


Exhibit "B" Map

R-36-8-17 (Proposed Well)
B-1-9-17 (Proposed Well)
15-36-8-17 (Existing Well)



Legend

- 1 Mile Radius
- Pad Location



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

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F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

R-36-8-17 (Proposed Well)
B-1-9-17 (Proposed Well)
15-36-8-17 (Existing Well)
SEC. 36, T8S, R17E, S.L.B.&M. Uintah County, UT.

DRAWN BY:	C.H.M.
DATE:	02-12-2011
SCALE:	1" = 2,000'

TOPOGRAPHIC MAP

SHEET **D**

NEWFIELD



NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 36 T8S, R17E
R-36-8-17**

Wellbore #1

Plan: Design #1

Standard Planning Report

31 January, 2011





PayZone Directional Services, LLC.
Planning Report



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well R-36-8-17
Company:	NEWFIELD EXPLORATION	TVD Reference:	R-36-8-17 @ 5032.0ft (Newfield Rig)
Project:	USGS Myton SW (UT)	MD Reference:	R-36-8-17 @ 5032.0ft (Newfield Rig)
Site:	SECTION 36 T8S, R17E	North Reference:	Grid
Well:	R-36-8-17	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

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

Site	SECTION 36 T8S, R17E				
Site Position:		Northing:	7,200,290.92 ft	Latitude:	40° 4' 35.190 N
From:	Lat/Long	Easting:	2,072,102.31 ft	Longitude:	109° 57' 26.000 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.99 °

Well	R-36-8-17, SHL LAT: 40 04 09.06 LONG: -109 57 09.19					
Well Position	+N/-S	-2,620.9 ft	Northing:	7,197,669.98 ft	Latitude:	40° 4' 9.060 N
	+E/-W	1,352.2 ft	Easting:	2,073,454.48 ft	Longitude:	109° 57' 9.190 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	5,032.0 ft	Ground Level:	5,020.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2011/01/28	11.32	65.85	52,340

Design	Design #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	5,000.0	0.0	0.0	307.76

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,469.8	13.05	307.76	1,462.3	60.4	-77.9	1.50	1.50	0.00	307.76	
5,101.2	13.05	307.76	5,000.0	562.4	-726.0	0.00	0.00	0.00	0.00	R-36-8-17 TGT
6,384.4	13.05	307.76	6,250.0	739.7	-955.0	0.00	0.00	0.00	0.00	



PayZone Directional Services, LLC.
 Planning Report



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well R-36-8-17
Company:	NEWFIELD EXPLORATION	TVD Reference:	R-36-8-17 @ 5032.0ft (Newfield Rig)
Project:	USGS Myton SW (UT)	MD Reference:	R-36-8-17 @ 5032.0ft (Newfield Rig)
Site:	SECTION 36 T8S, R17E	North Reference:	Grid
Well:	R-36-8-17	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	1.50	307.76	700.0	0.8	-1.0	1.3	1.50	1.50	0.00
800.0	3.00	307.76	799.9	3.2	-4.1	5.2	1.50	1.50	0.00
900.0	4.50	307.76	899.7	7.2	-9.3	11.8	1.50	1.50	0.00
1,000.0	6.00	307.76	999.3	12.8	-16.5	20.9	1.50	1.50	0.00
1,100.0	7.50	307.76	1,098.6	20.0	-25.8	32.7	1.50	1.50	0.00
1,200.0	9.00	307.76	1,197.5	28.8	-37.2	47.0	1.50	1.50	0.00
1,300.0	10.50	307.76	1,296.1	39.2	-50.6	64.0	1.50	1.50	0.00
1,400.0	12.00	307.76	1,394.2	51.1	-66.0	83.5	1.50	1.50	0.00
1,469.8	13.05	307.76	1,462.3	60.4	-77.9	98.6	1.50	1.50	0.00
1,500.0	13.05	307.76	1,491.7	64.6	-83.3	105.4	0.00	0.00	0.00
1,600.0	13.05	307.76	1,589.1	78.4	-101.2	128.0	0.00	0.00	0.00
1,700.0	13.05	307.76	1,686.6	92.2	-119.0	150.6	0.00	0.00	0.00
1,800.0	13.05	307.76	1,784.0	106.0	-136.9	173.1	0.00	0.00	0.00
1,900.0	13.05	307.76	1,881.4	119.8	-154.7	195.7	0.00	0.00	0.00
2,000.0	13.05	307.76	1,978.8	133.7	-172.6	218.3	0.00	0.00	0.00
2,100.0	13.05	307.76	2,076.2	147.5	-190.4	240.9	0.00	0.00	0.00
2,200.0	13.05	307.76	2,173.7	161.3	-208.3	263.4	0.00	0.00	0.00
2,300.0	13.05	307.76	2,271.1	175.1	-226.1	286.0	0.00	0.00	0.00
2,400.0	13.05	307.76	2,368.5	189.0	-244.0	308.6	0.00	0.00	0.00
2,500.0	13.05	307.76	2,465.9	202.8	-261.8	331.2	0.00	0.00	0.00
2,600.0	13.05	307.76	2,563.3	216.6	-279.7	353.7	0.00	0.00	0.00
2,700.0	13.05	307.76	2,660.7	230.4	-297.5	376.3	0.00	0.00	0.00
2,800.0	13.05	307.76	2,758.2	244.3	-315.3	398.9	0.00	0.00	0.00
2,900.0	13.05	307.76	2,855.6	258.1	-333.2	421.5	0.00	0.00	0.00
3,000.0	13.05	307.76	2,953.0	271.9	-351.0	444.0	0.00	0.00	0.00
3,100.0	13.05	307.76	3,050.4	285.7	-368.9	466.6	0.00	0.00	0.00
3,200.0	13.05	307.76	3,147.8	299.6	-386.7	489.2	0.00	0.00	0.00
3,300.0	13.05	307.76	3,245.3	313.4	-404.6	511.8	0.00	0.00	0.00
3,400.0	13.05	307.76	3,342.7	327.2	-422.4	534.3	0.00	0.00	0.00
3,500.0	13.05	307.76	3,440.1	341.0	-440.3	556.9	0.00	0.00	0.00
3,600.0	13.05	307.76	3,537.5	354.8	-458.1	579.5	0.00	0.00	0.00
3,700.0	13.05	307.76	3,634.9	368.7	-476.0	602.0	0.00	0.00	0.00
3,800.0	13.05	307.76	3,732.4	382.5	-493.8	624.6	0.00	0.00	0.00
3,900.0	13.05	307.76	3,829.8	396.3	-511.7	647.2	0.00	0.00	0.00
4,000.0	13.05	307.76	3,927.2	410.1	-529.5	669.8	0.00	0.00	0.00
4,100.0	13.05	307.76	4,024.6	424.0	-547.4	692.3	0.00	0.00	0.00
4,200.0	13.05	307.76	4,122.0	437.8	-565.2	714.9	0.00	0.00	0.00
4,300.0	13.05	307.76	4,219.4	451.6	-583.0	737.5	0.00	0.00	0.00
4,400.0	13.05	307.76	4,316.9	465.4	-600.9	760.1	0.00	0.00	0.00
4,500.0	13.05	307.76	4,414.3	479.3	-618.7	782.6	0.00	0.00	0.00
4,600.0	13.05	307.76	4,511.7	493.1	-636.6	805.2	0.00	0.00	0.00
4,700.0	13.05	307.76	4,609.1	506.9	-654.4	827.8	0.00	0.00	0.00
4,800.0	13.05	307.76	4,706.5	520.7	-672.3	850.4	0.00	0.00	0.00
4,900.0	13.05	307.76	4,804.0	534.5	-690.1	872.9	0.00	0.00	0.00
5,000.0	13.05	307.76	4,901.4	548.4	-708.0	895.5	0.00	0.00	0.00
5,101.2	13.05	307.76	5,000.0	562.4	-726.0	918.4	0.00	0.00	0.00

R-36-8-17 TGT



PayZone Directional Services, LLC.
 Planning Report



Database: EDM 2003.21 Single User Db
Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 36 T8S, R17E
Well: R-36-8-17
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well R-36-8-17
TVD Reference: R-36-8-17 @ 5032.0ft (Newfield Rig)
MD Reference: R-36-8-17 @ 5032.0ft (Newfield Rig)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,200.0	13.05	307.76	5,096.2	576.0	-743.7	940.7	0.00	0.00	0.00
5,300.0	13.05	307.76	5,193.6	589.8	-761.5	963.2	0.00	0.00	0.00
5,400.0	13.05	307.76	5,291.1	603.7	-779.4	985.8	0.00	0.00	0.00
5,500.0	13.05	307.76	5,388.5	617.5	-797.2	1,008.4	0.00	0.00	0.00
5,600.0	13.05	307.76	5,485.9	631.3	-815.1	1,031.0	0.00	0.00	0.00
5,700.0	13.05	307.76	5,583.3	645.1	-832.9	1,053.5	0.00	0.00	0.00
5,800.0	13.05	307.76	5,680.7	659.0	-850.7	1,076.1	0.00	0.00	0.00
5,900.0	13.05	307.76	5,778.1	672.8	-868.6	1,098.7	0.00	0.00	0.00
6,000.0	13.05	307.76	5,875.6	686.6	-886.4	1,121.2	0.00	0.00	0.00
6,100.0	13.05	307.76	5,973.0	700.4	-904.3	1,143.8	0.00	0.00	0.00
6,200.0	13.05	307.76	6,070.4	714.2	-922.1	1,166.4	0.00	0.00	0.00
6,300.0	13.05	307.76	6,167.8	728.1	-940.0	1,189.0	0.00	0.00	0.00
6,384.4	13.05	307.76	6,250.0	739.7	-955.0	1,208.0	0.00	0.00	0.00

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
R-36-8-17 TGT - plan hits target - Circle (radius 75.0)	0.00	0.00	5,000.0	562.4	-726.0	7,198,232.34	2,072,728.44	40° 4' 14.741 N	109° 57' 18.403 W



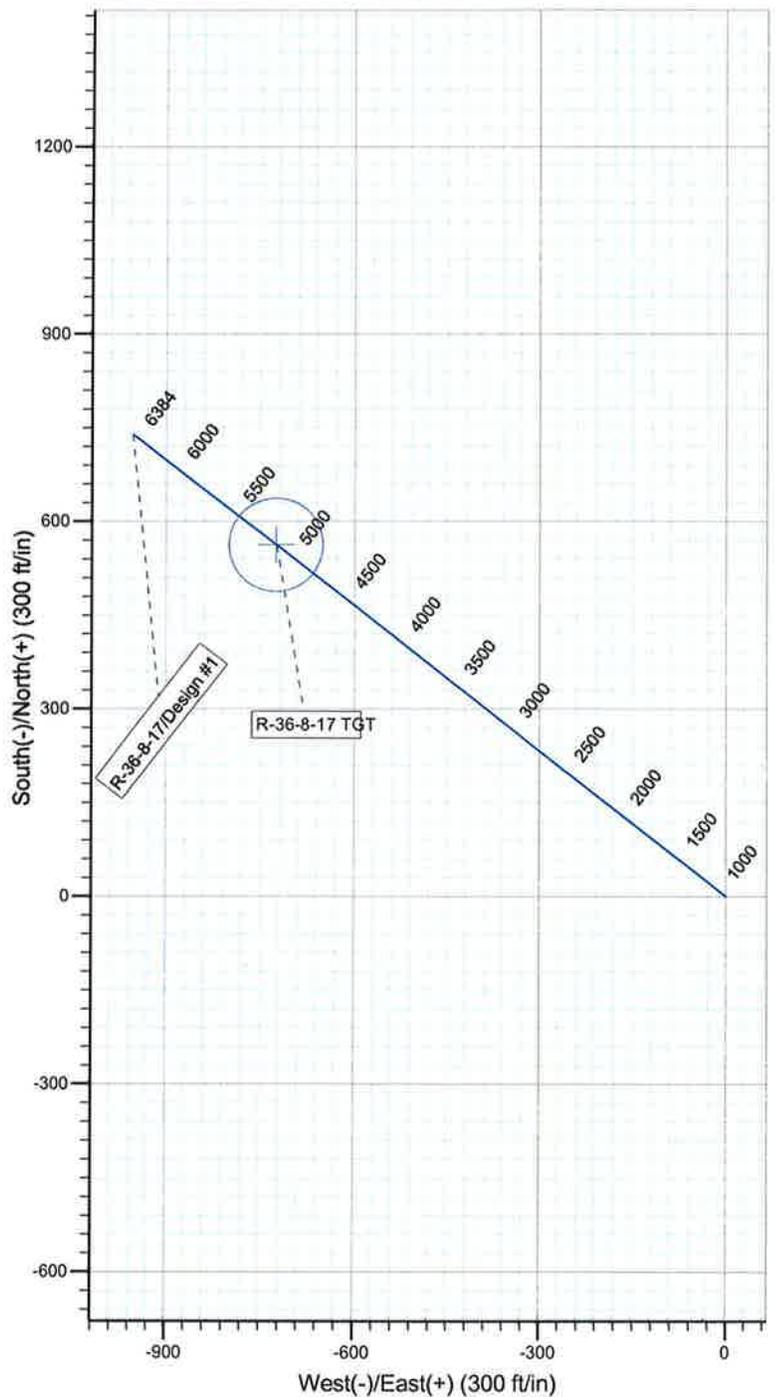
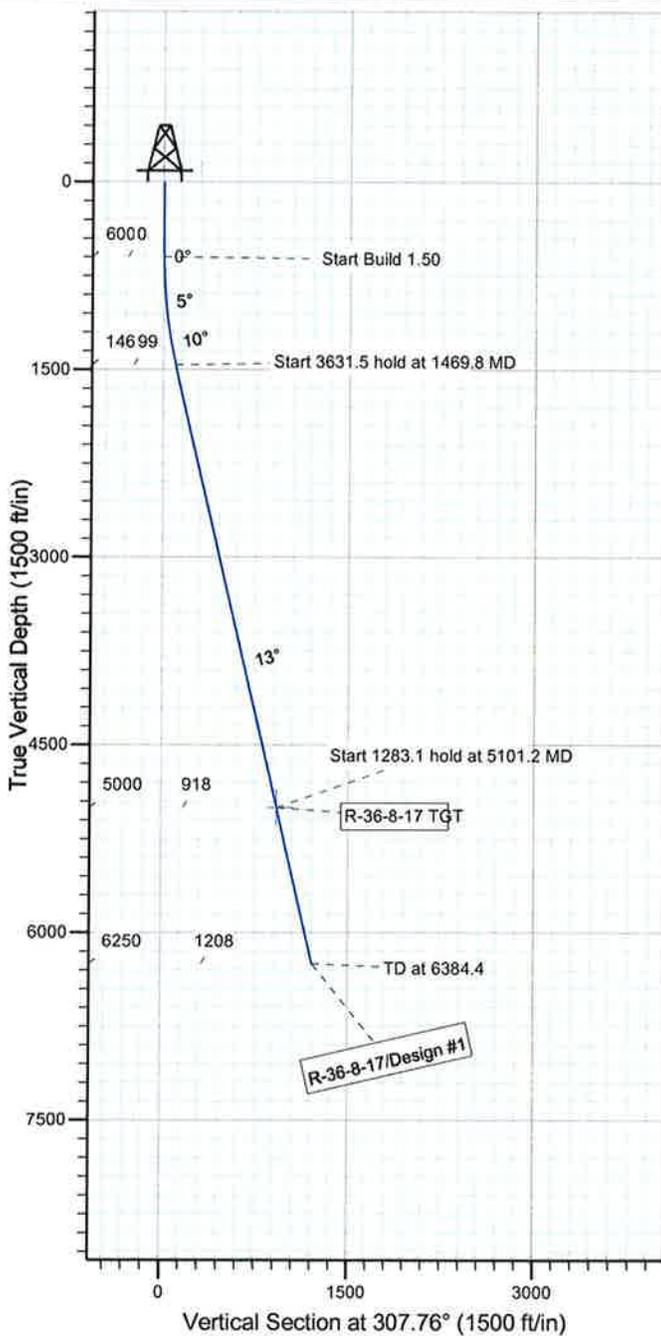
Project: USGS Myton SW (UT)
 Site: SECTION 36 T8S, R17E
 Well: R-36-8-17
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to Grid North
 True North: -0.99°
 Magnetic North: 10.33°

Magnetic Field
 Strength: 52340.4snT
 Dip Angle: 65.85°
 Date: 2011/01/28
 Model: IGRF2010

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



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
R-36-8-17 TGT	5000.0	562.4	-726.0	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1469.8	13.05	307.76	1462.3	60.4	-77.9	1.50	307.76	98.6	
4	5101.2	13.05	307.76	5000.0	562.4	-726.0	0.00	0.00	918.4	R-36-8-17 TGT
5	6384.4	13.05	307.76	6250.0	739.7	-955.0	0.00	0.00	1208.0	



**NEWFIELD PRODUCTION COMPANY
GMBU R-36-8-17
AT SURFACE: SW/SE SECTION 36, T8S, R17E
UINTAH COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site GMBU R-36-8-17 located in the SW 1/4 SE 1/4 Section 36, T8S, R17E, Uintah County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly - 11.7 miles \pm to its junction with an existing road to the northeast; proceed northeasterly - 3.7 miles \pm to its junction with an existing road to the northeast; proceed northeasterly - 0.1 miles \pm to the existing 15-36-8-17 well pad.

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

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

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing 15-36-8-17 well pad. See attached **Topographic Map "B"**.

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

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

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

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

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

Tank batteries will be built to State specifications.

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

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

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

Johnson Water District
Water Right : 43-10136

Maurice Harvey Pond
Water Right: 47-1358

Neil Moon Pond
Water Right: 43-11787

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

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

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

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

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

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

A portable toilet will be provided for human waste.

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

8. **ANCILLARY FACILITIES**

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

9. **WELL SITE LAYOUT**

See attached Location Layout Sheet.

Fencing Requirements

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

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

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

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

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

- a) Producing Location

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

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

- b) Dry Hole Abandoned Location

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

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

11. **OTHER ADDITIONAL INFORMATION :**

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

Water Disposal

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

Additional Surface Stipulations

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

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the GMBU R-36-8-17, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the GMBU R-36-8-17, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

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

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

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

Representative

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

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #R-36-8-17, Section 36, Township 8S, Range 17E: Lease ML-44305 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #B001834.

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

3/17/11
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

2-M SYSTEM

Blowout Prevention Equipment Systems

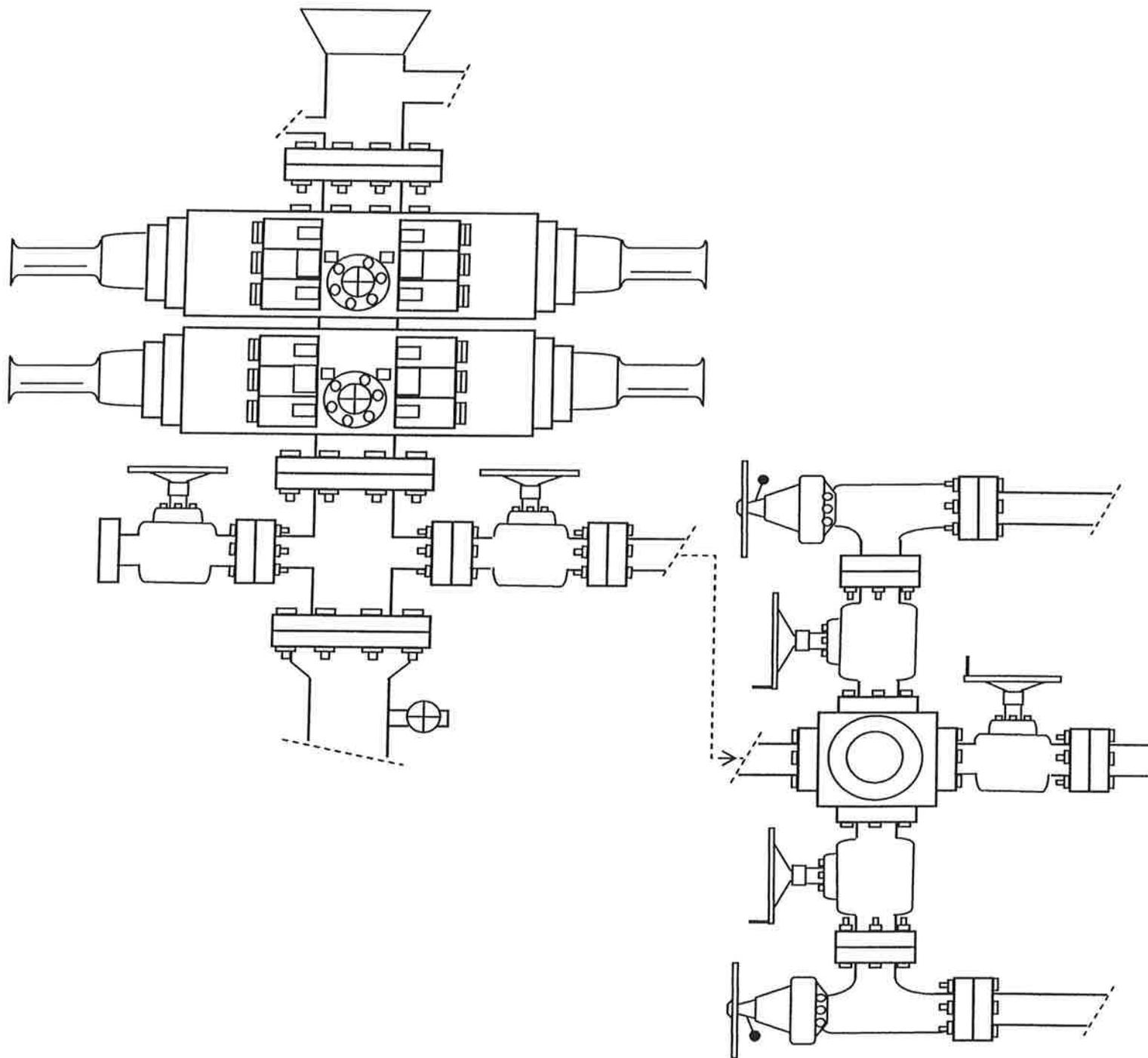


EXHIBIT C

NEWFIELD EXPLORATION COMPANY

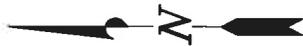
WELL PAD INTERFERENCE PLAT

R-36-8-17 (Proposed Well)

B-1-9-17 (Proposed Well)

15-36-8-17 (Existing Well)

Pad Location: SWSE Section 36, T8S, R17E, S.L.B.&M.



TOP HOLE FOOTAGES

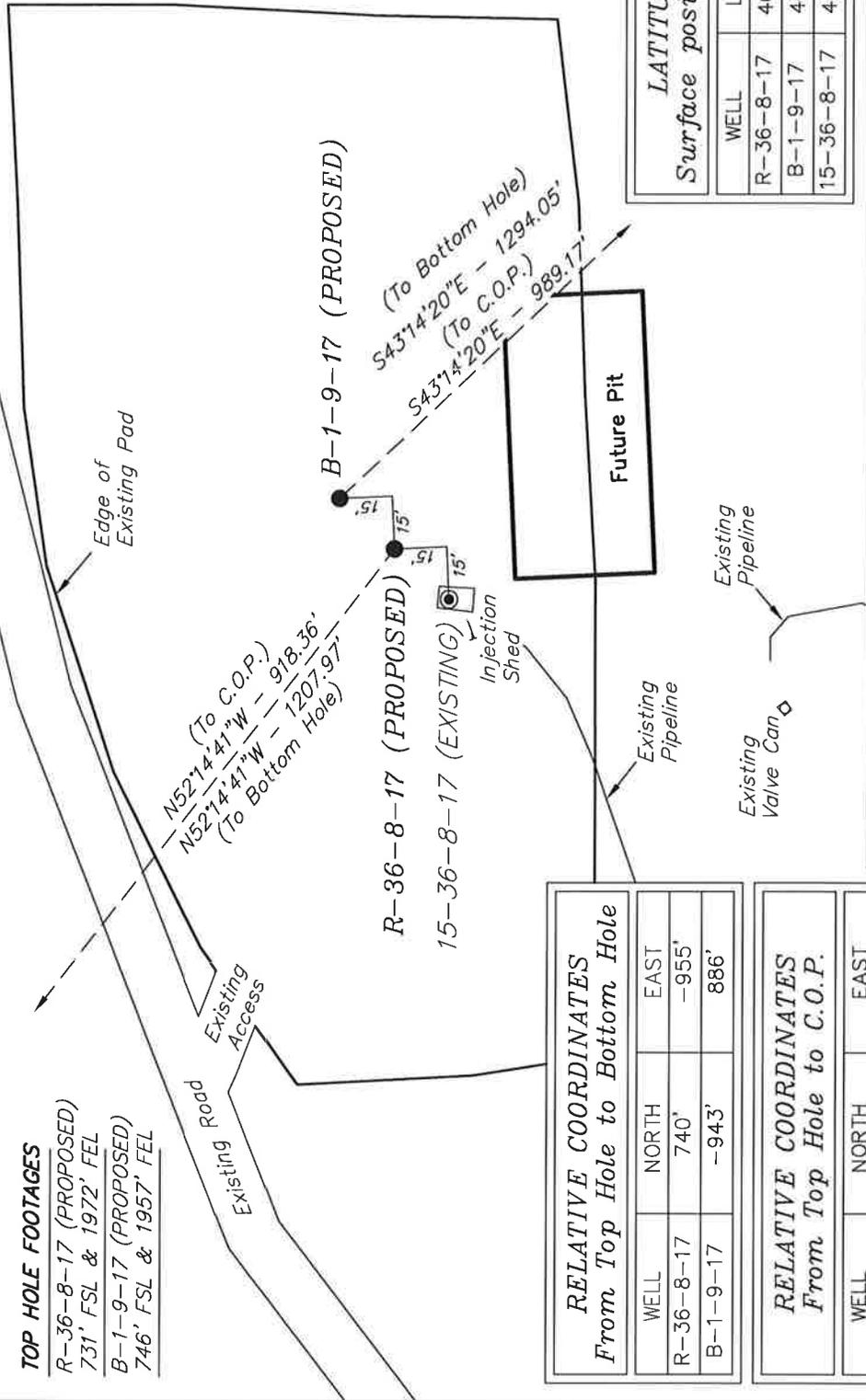
R-36-8-17 (PROPOSED)
731' FSL & 1972' FEL
B-1-9-17 (PROPOSED)
746' FSL & 1957' FEL

CENTER OF PATTERN FOOTAGES

R-36-8-17 (PROPOSED)
1305' FSL & 2590' FWL
B-1-9-17 (PROPOSED)
15' FSL & 1290' FEL

BOTTOM HOLE FOOTAGES

R-36-8-17 (PROPOSED)
1486' FSL & 2364' FWL
B-1-9-17 (PROPOSED)
210' FNL & 1085' FEL



RELATIVE COORDINATES From Top Hole to Bottom Hole

WELL	NORTH	EAST
R-36-8-17	740'	-955'
B-1-9-17	-943'	886'

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

WELL	NORTH	EAST
R-36-8-17	562'	-726'
B-1-9-17	-721'	678'

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
R-36-8-17	40° 04' 09.06"	109° 57' 09.19"
B-1-9-17	40° 04' 09.21"	109° 57' 09.01"
15-36-8-17	40° 04' 08.91"	109° 57' 09.38"

SURVEYED BY: C.D.S.	DATE SURVEYED: 01-24-11
DRAWN BY: M.W.	DATE DRAWN: 02-01-11
SCALE: 1" = 50'	REVISED:

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

NEWFIELD EXPLORATION COMPANY

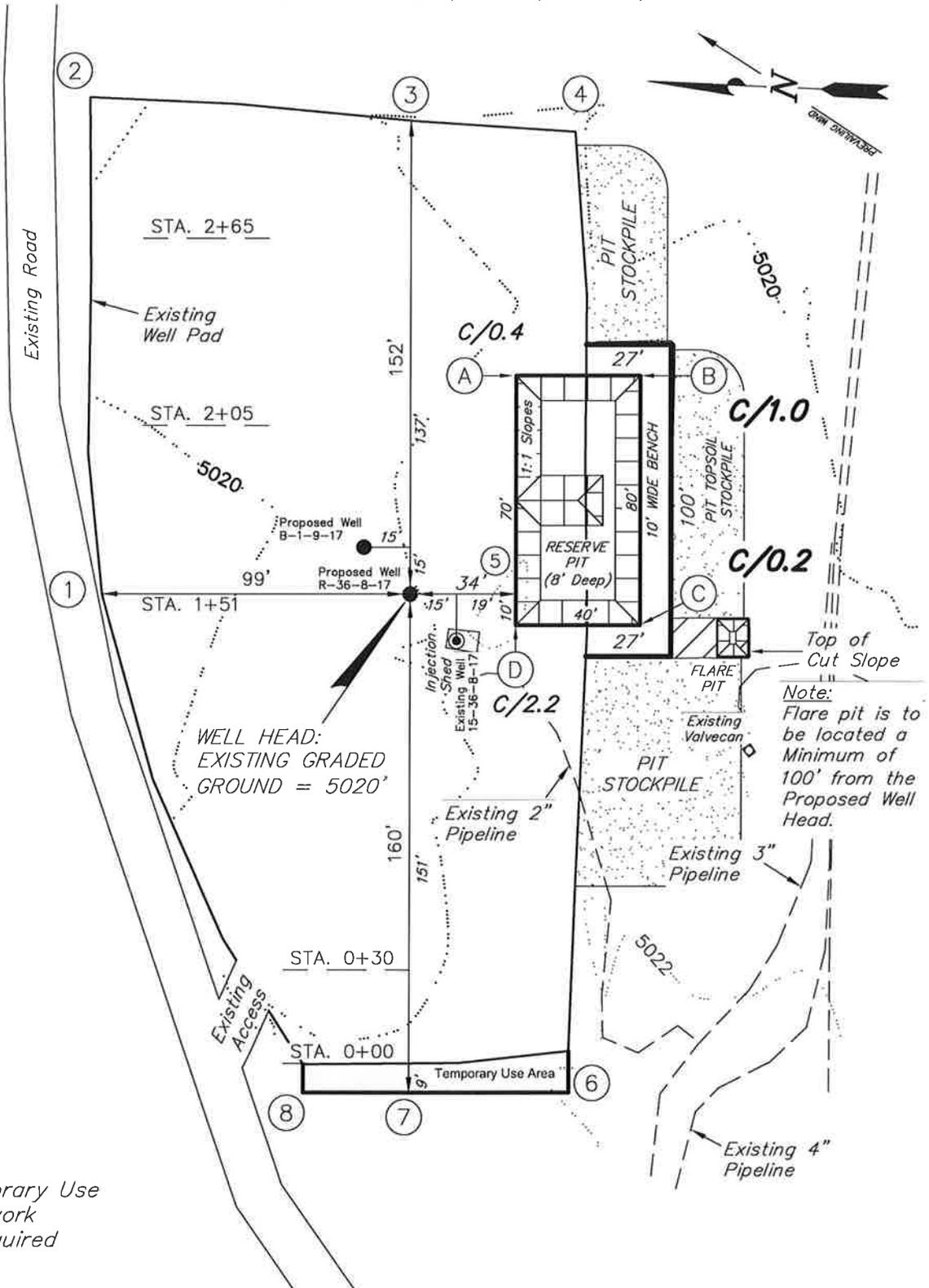
LOCATION LAYOUT

R-36-8-17 (Proposed Well)

B-1-9-17 (Proposed Well)

15-36-8-17 (Existing Well)

Pad Location: SWSE Section 36, T8S, R17E, S.L.B.&M.



Note:
Proposed Temporary Use Area, No Earthwork Adjustments required (0.02 Acres)

SURVEYED BY: C.D.S.	DATE SURVEYED: 01-24-11
DRAWN BY: M.W.	DATE DRAWN: 02-01-11
SCALE: 1" = 50'	REVISED:

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

NEWFIELD EXPLORATION COMPANY

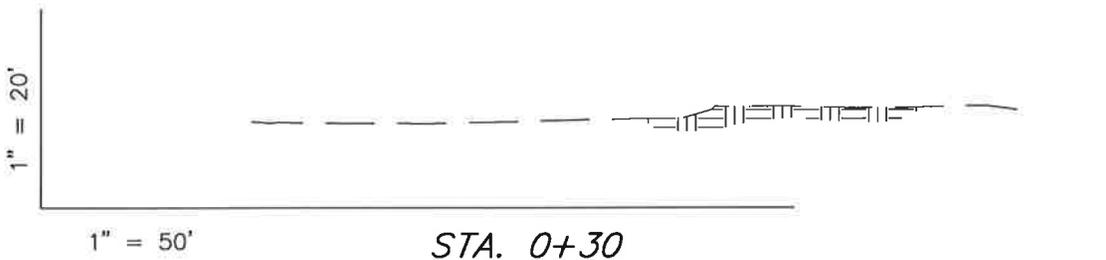
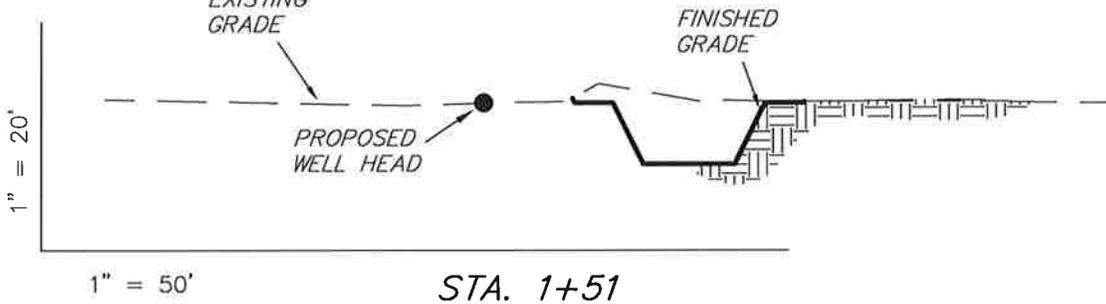
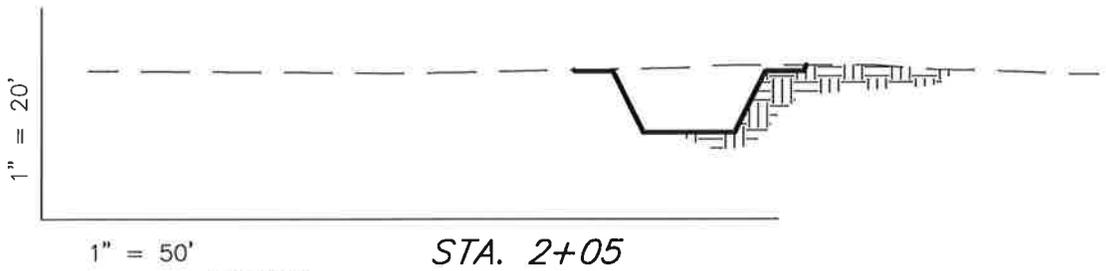
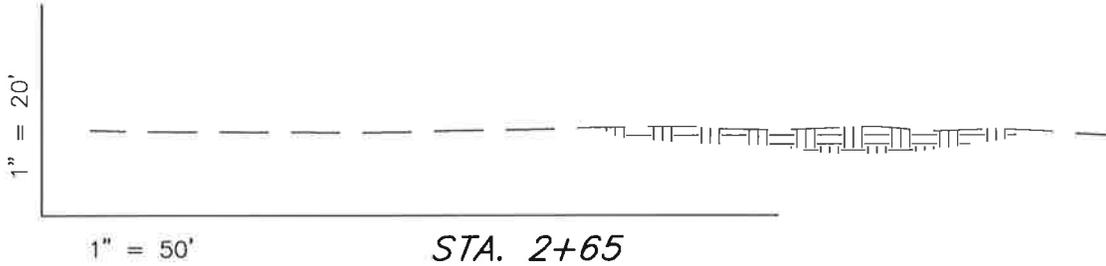
CROSS SECTIONS

R-36-8-17 (Proposed Well)

B-1-9-17 (Proposed Well)

15-36-8-17 (Existing Well)

Pad Location: SWSE Section 36, T8S, R17E, S.L.B.&M.



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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	30	0	Topsoil is not included in Pad Cut	30
PIT	640	0		640
TOTALS	670	0	120	670

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

SURVEYED BY: C.D.S.	DATE SURVEYED: 01-24-11
DRAWN BY: M.W.	DATE DRAWN: 02-01-11
SCALE: 1" = 50'	REVISED:

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

NEWFIELD EXPLORATION COMPANY

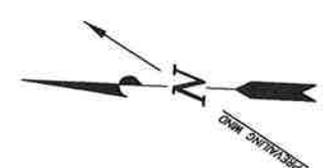
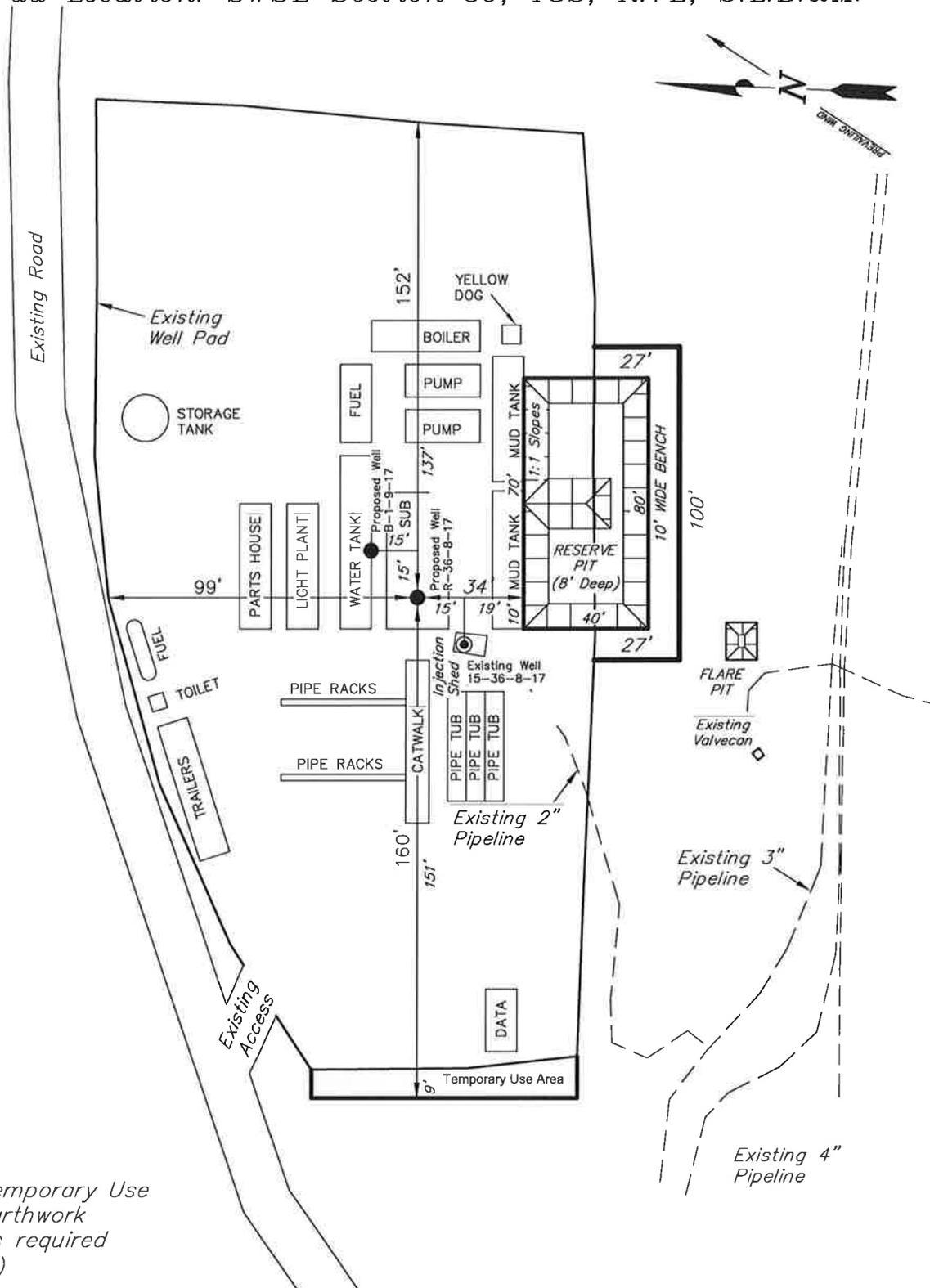
TYPICAL RIG LAYOUT

R-36-8-17 (Proposed Well)

B-1-9-17 (Proposed Well)

15-36-8-17 (Existing Well)

Pad Location: SWSE Section 36, T8S, R17E, S.L.B.&M.



Note:
Proposed Temporary Use Area, No Earthwork Adjustments required (0.02 Acres)

SURVEYED BY: C.D.S.	DATE SURVEYED: 01-24-11
DRAWN BY: M.W.	DATE DRAWN: 02-01-11
SCALE: 1" = 50'	REVISED:

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

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

March 22, 2011

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

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

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

API#	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-013-50648	GMBU U-32-8-16	Sec 32 T08S R16E 0563 FSL 0537 FEL BHL Sec 32 T08S R16E 0100 FSL 0100 FEL
43-013-50649	GMBU I-32-8-17	Sec 32 T08S R17E 0485 FNL 0656 FEL BHL Sec 32 T08S R17E 1648 FNL 1589 FEL
43-013-50650	GMBU S-32-8-17	Sec 32 T08S R17E 2293 FSL 2169 FEL BHL Sec 32 T08S R17E 1054 FSL 1120 FEL
43-047-51540	GMBU N-36-8-17	Sec 36 T08S R17E 1915 FNL 0731 FWL BHL Sec 36 T08S R17E 2461 FSL 1558 FWL
43-047-51541	GMBU R-36-8-17	Sec 36 T08S R17E 0731 FSL 1972 FEL BHL Sec 36 T08S R17E 1486 FSL 2364 FWL
43-013-50651	GMBU K-2-9-15	Sec 02 T09S R15E 1976 FNL 0644 FEL BHL Sec 02 T09S R15E 2625 FSL 0100 FEL
43-013-50652	GMBU W-2-9-15	Sec 02 T09S R15E 0546 FSL 2035 FWL BHL Sec 02 T09S R15E 0100 FSL 2625 FEL
43-047-51542	GMBU K-2-9-17	Sec 02 T09S R17E 2039 FSL 0766 FEL BHL Sec 02 T09S R17E 2630 FSL 0100 FEL

API #	WELL NAME	LOCATION
9Proposed PZ GREEN RIVER)		
43-047-51543	GMBU T-2-9-17	Sec 02 T09S R17E 0644 FSL 0644 FEL BHL Sec 02 T09S R17E 1340 FSL 0100 FEL
43-047-51544	GMBU U-2-9-17	Sec 02 T09S R17E 0627 FSL 0631 FEL BHL Sec 02 T09S R17E 0100 FSL 0100 FEL
43-013-50653	GMBU V-32-8-16	Sec 32 T08S R16E 0584 FSL 0539 FEL BHL Sec 32 T08S R16E 0100 FSL 1290 FEL
43-013-50654	GMBU O-2-9-17	Sec 02 T09S R17E 2026 FNL 0682 FWL BHL Sec 02 T09S R17E 2630 FSL 0100 FWL

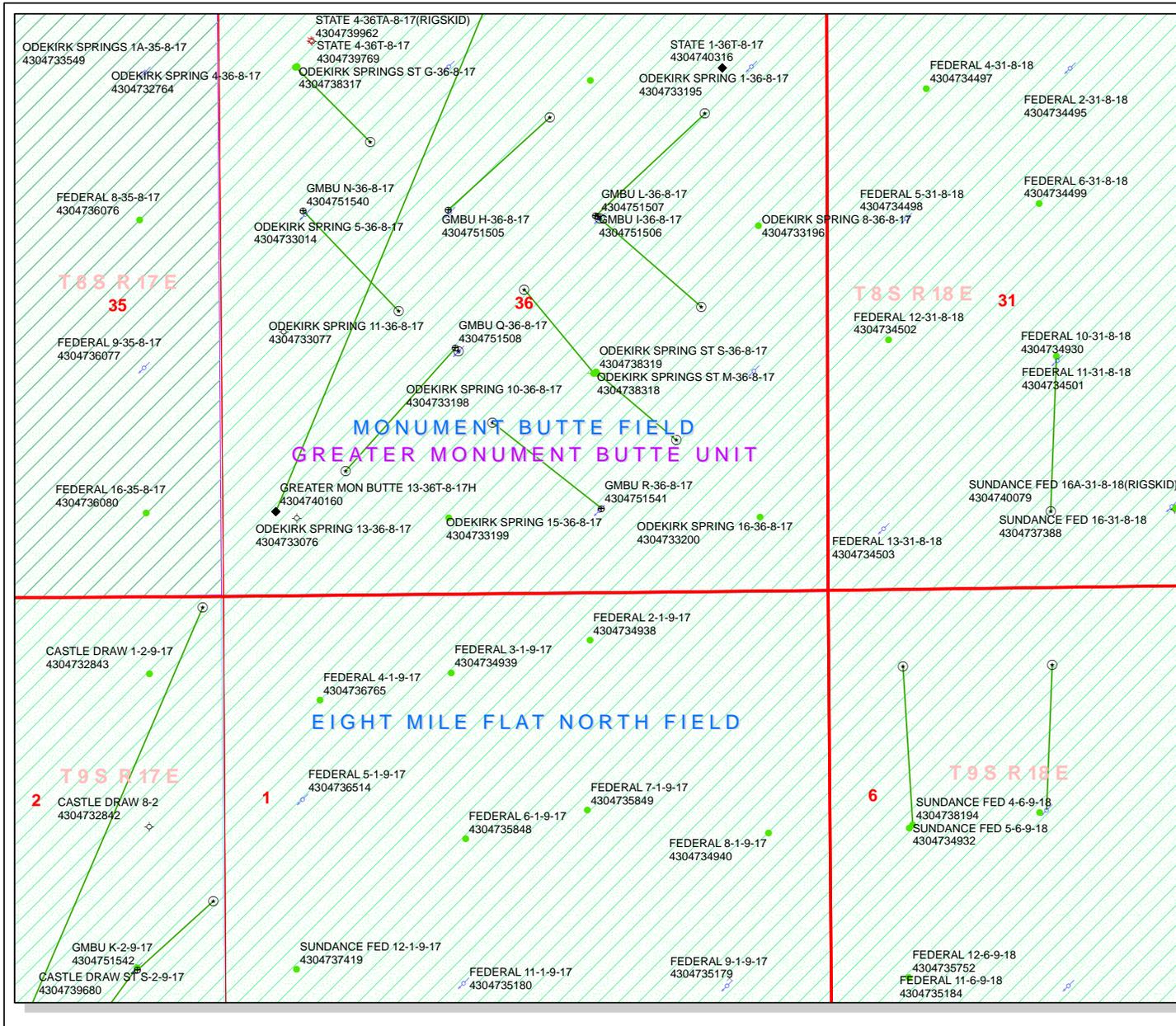
This office has no objection to permitting the wells at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management, ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2011.03.22 12:09:21 -0600

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

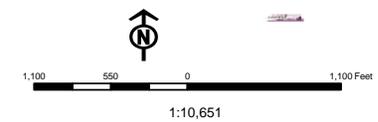
MCoulthard:mc:3-22-11



API Number: 4304751541
Well Name: GMBU R-36-8-17
Township T0.8 . Range R1.7 . Section 36
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	LA - Location Abandoned
PI OIL	LOC - New Location
PP GAS	OPS - Operation Suspended
PP GEOTHERMAL	PA - Plugged Abandoned
PP OIL	PGW - Producing Gas Well
SECONDARY	POW - Producing Oil Well
TERMINATED	RET - Returned APD
Unknown	SGW - Shut-in Gas Well
ABANDONED	SOW - Shut-in Oil Well
ACTIVE	TA - Temp. Abandoned
COMBINED	TW - Test Well
INACTIVE	WDW - Water Disposal
STORAGE	WIW - Water Injection Well
TERMINATED	WSW - Water Supply Well
Sections	
Township	





VIA ELECTRONIC DELIVERY

March 28, 2011

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

RE: Directional Drilling
GMBU R-36-8-17
Greater Monument Butte (Green River) Unit

Surface Hole: T8S-R17E Section 36: SWSE (ML-44305)
731' FSL 1972' FEL

At Target: T8S-R17E Section 36: NESW (ML-44305)
1486' FSL 2364' FWL

Uintah County, Utah

Dear Ms. Mason:

Pursuant to the filing by Newfield Production Company (NPC) of an Application for Permit to Drill the above referenced well dated 3/17/11, 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 303-383-4197 or by email at sgillespie@newfield.com. Your consideration in this matter is greatly appreciated.

Sincerely,
Newfield Production Company

A handwritten signature in blue ink, appearing to read "Shane Gillespie", is written over a faint, larger version of the same signature.

Shane Gillespie
Land Associate

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

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5 MINERAL LEASE NO ML-44305	6 SURFACE State
1A TYPE OF WORK DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7 IF INDIAN, ALLOTTEE OR TRIBE NAME NA	
1B TYPE OF WELL OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8 UNIT or CA AGREEMENT NAME Greater Monument Butte	
2 NAME OF OPERATOR: Newfield Production Company				9 WELL NAME and NUMBER: GMBU R-36-8-17	
3 ADDRESS OF OPERATOR Route #3 Box 3630 Myton UT 84052		PHONE NUMBER: (435) 646-3721		10 FIELD AND POOL, OR W/LDCAT Monument Butte	
4 LOCATION OF WELL (FOOTAGES) AT SURFACE SW/SE 731' FSL 1972' FEL Sec. 36 T8S R17E AT PROPOSED PRODUCING ZONE: NE/SW 1486' FSL 2364' FWL Sec. 36 T8S R17E				11 QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 36 8S 17E	
14 DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE Approximately 16.9 miles southeast of Myton, Utah				12 COUNTY Uintah	13 STATE UTAH
15 DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) Approx. 1486' f/lse line, NA' f/unit line		16 NUMBER OF ACRES IN LEASE: 640.00 acres		17 NUMBER OF ACRES ASSIGNED TO THIS WELL 20 acres	
18 DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) Approx. 921'		19. PROPOSED DEPTH 6,384		20 BOND DESCRIPTION. #B001834	
21 ELEVATIONS, (SHOW WHETHER OF, RT, GR, ETC) 5020' GL		22 APPROXIMATE DATE WORK WILL START: <i>2nd Qtr. 2011</i>		23 ESTIMATED DURATION (15) days from SPUD to rig release	

24 **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
12 1/4"	8 5/8	J-55	24.0	300	Class G w/2% CaCl	155 sx +/-	1.17	15.8
7 7/8"	5 1/2	J-55	15.5	6,384	Lead(Prem Lite II)	275 sx +/-	3.26	11.0
					Tail (50/50 Poz)	450 sx +/-	1.24	14.3

25 **ATTACHMENTS**

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

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Mandie Crozier TITLE Regulatory Specialist

SIGNATURE *Mandie Crozier* DATE 3/17/11

(This space for State use only)

API NUMBER ASSIGNED _____

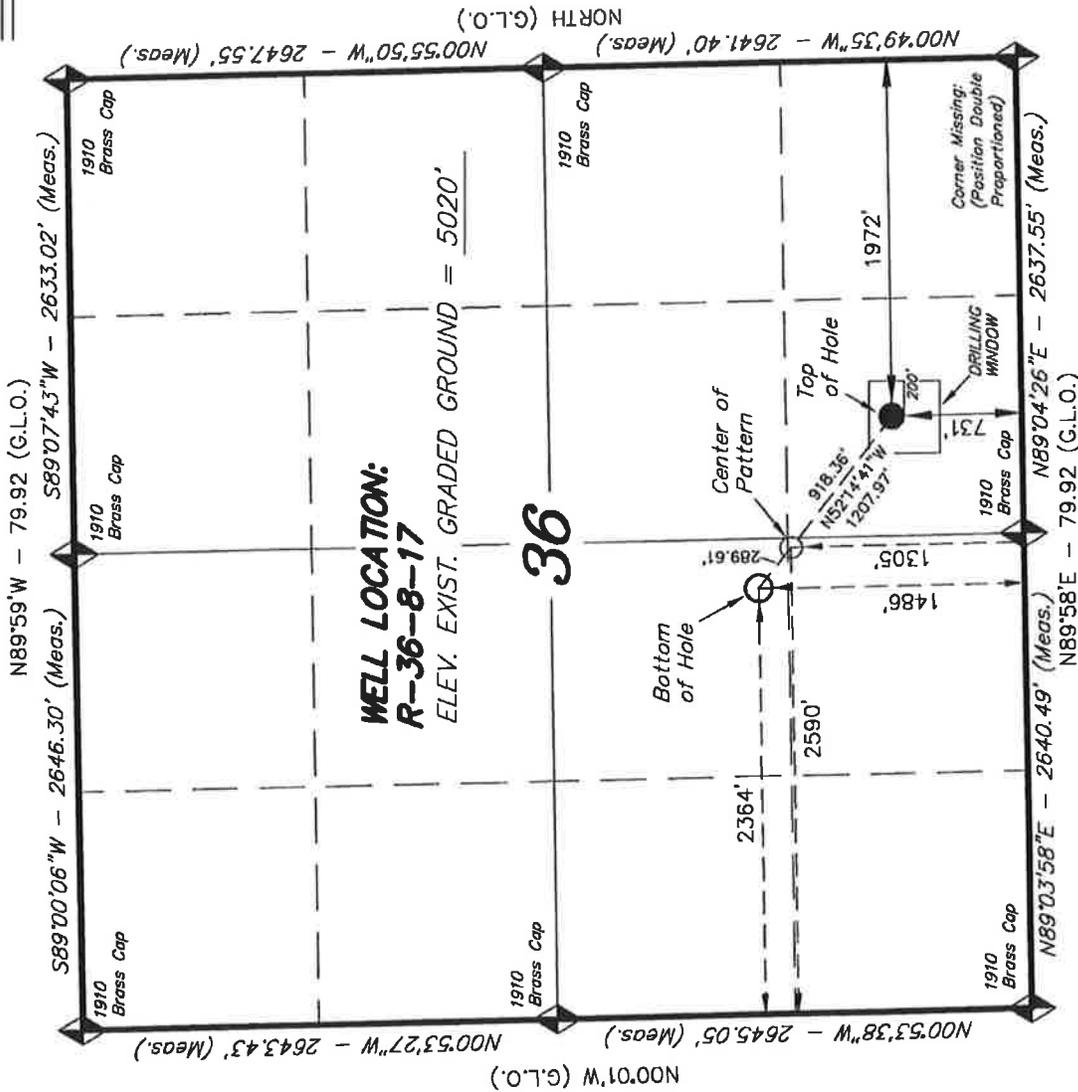
APPROVAL _____

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

NEWFIELD EXPLORATION COMPANY

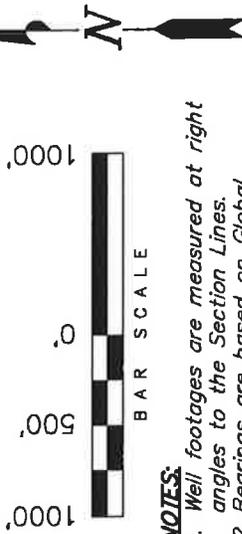
WELL LOCATION, R-36-8-17, LOCATED AS SHOWN IN THE SW 1/4 SE 1/4 OF SECTION 36, T8S, R17E, S.L.B.&M. UINTAH COUNTY, UTAH.

TARGET BOTTOM HOLE, R-36-8-17, LOCATED AS SHOWN IN THE NE 1/4 SW 1/4 OF SECTION 36, T8S, R17E, S.L.B.&M. UINTAH COUNTY, UTAH.



**WELL LOCATION:
R-36-8-17**
ELEV. EXIST. GRADED GROUND = 5020'

36



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

THIS IS TO CERTIFY THAT THE ABOVE REPORT WAS PREPARED FROM FIELD NOTES OF A SURVEY 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

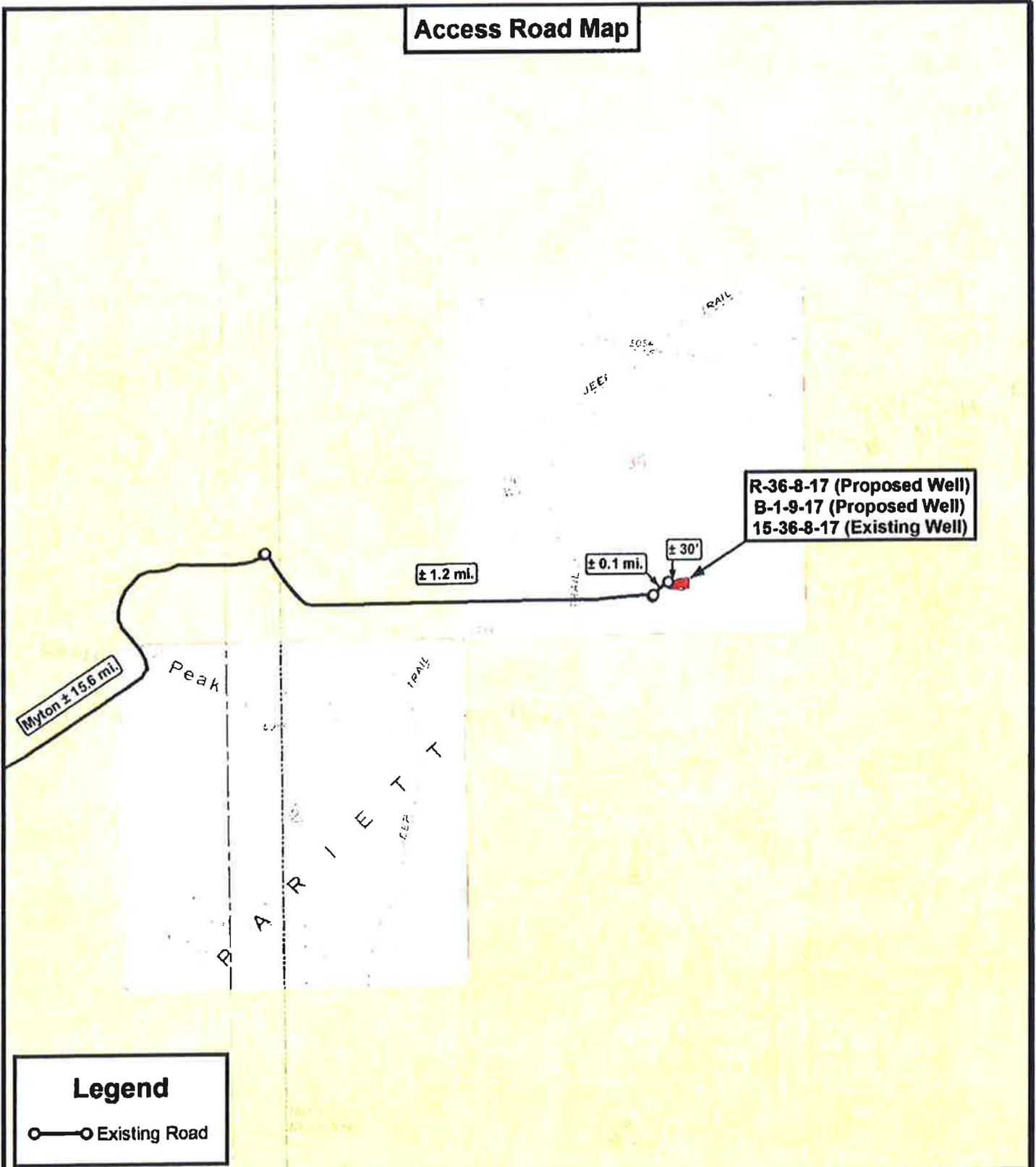
DATE SURVEYED: 01-24-11	SURVEYED BY: C.D.S.
DATE DRAWN: 02-01-11	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

R-36-8-17
(Surface Location) **NAD 83**
LATITUDE = 40° 04' 09.06"
LONGITUDE = 109° 57' 09.19"

◆ = SECTION CORNERS LOCATED

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

Access Road Map



**R-36-8-17 (Proposed Well)
B-1-9-17 (Proposed Well)
15-36-8-17 (Existing Well)**

Myton ± 15.6 mi.

± 1.2 mi.

± 0.1 mi.

± 30'

Legend

○—○ Existing Road



**Tri State
Land Surveying, Inc.**

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

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



NEWFIELD EXPLORATION COMPANY

R-36-8-17 (Proposed Well)
B-1-9-17 (Proposed Well)
15-36-8-17 (Existing Well)
SEC. 36, T8S, R17E, S.L.B.&M. Uintah County, UT.

DRAWN BY:	C.H.M.
DATE:	02-12-2011
SCALE:	1" = 2,000'

TOPOGRAPHIC MAP

SHEET
B

From: Jim Davis
To: Bonner, Ed; Garrison, LaVonne; Hill, Brad; Mason, Diana
CC: mcrozier@newfield.com; teaton@newfield.com
Date: 4/7/2011 11:06 AM
Subject: Newfield APD approvals

The following APDs have been approved by SITLA. Please note arch and paleo notes below.

Arch and paleo clearance is granted on this group of APDs.

4301350651 GMBU K-2-9-15
4301350652 GMBU W-2-9-15
4304751543 GMBU T-2-9-17
4304751544 GMBU U-2-9-17

On existing pad, requiring no new surface disturbance. Arch and paleo not required.

4301350650 GMBU S-32-8-17
4301350654 GMBU O-2-9-17
4304751541 GMBU R-36-8-17
4304751542 GMBU K-2-9-17
4301350656 GMBU P-32-8-17
4301350657 GMBU W-32-8-17
4304751548 GMBU D-36-8-17

Thanks
-Jim

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

Well Name	NEWFIELD PRODUCTION COMPANY GMBU R-36-8-17 4304			
String	Surf	Prod		
Casing Size(")	8.625	5.500		
Setting Depth (TVD)	300	6250		
Previous Shoe Setting Depth (TVD)	0	300		
Max Mud Weight (ppg)	8.3	8.4		
BOPE Proposed (psi)	500	2000		
Casing Internal Yield (psi)	2950	4810		
Operators Max Anticipated Pressure (psi)	2745	8.4		

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

Calculations	Prod String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	2730	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	1980	YES <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1355	YES <input type="checkbox"/> OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1421	NO <input type="checkbox"/> Common for area
Required Casing/BOPE Test Pressure=		2000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		300	psi *Assumes 1psi/ft frac gradient

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

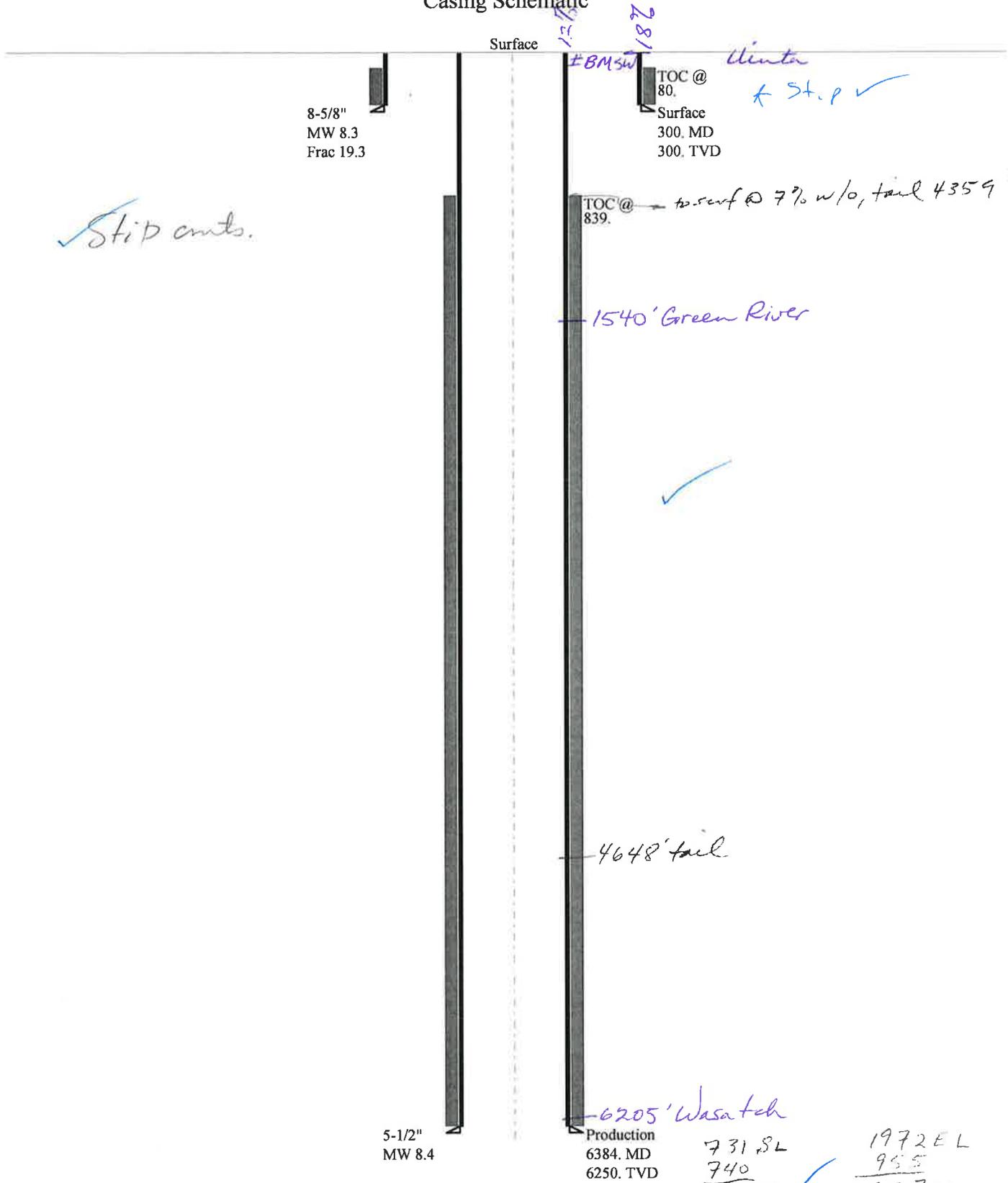
Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO <input type="checkbox"/>
			*Can Full Expected Pressure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

API Well Number: 43047515410000

*Max Pressure Allowed @ Previous Casing Shoe=	<input type="text"/>	psi *Assumes 1psi/ft frac gradient
---	----------------------	------------------------------------

43047515410000 GMBU R-36-8-17

Casing Schematic



✓ Stip cuts.

8-5/8"
MW 8.3
Frac 19.3

TOC @
80.
Surface
300. MD
300. TVD

TOC @
839.

to surf @ 7% w/o, tail 4359

1540' Green River

4648' tail

6205' Wasatch

5-1/2"
MW 8.4

Production
6384. MD
6250. TVD

731 SL
740
1471 FSL ✓

1972 EL
955
2927 E
5280
2353 FNL ✓

NE SW sec 36-85-17E

Well name:	43047515410000 GMBU R-36-8-17		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Surface	Project ID:	43-047-51541
Location:	UINTAH COUNTY		

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 78 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 100 ft
 Cement top: 80 ft

Burst

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

No backup mud specified.

Tension:

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

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

Non-directional string.

Re subsequent strings:

Next setting depth: 6,250 ft
 Next mud weight: 8.400 ppg
 Next setting BHP: 2,727 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 300 ft
 Injection pressure: 300 psi

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

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

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

Date: April 26, 2011
 Salt Lake City, Utah

Remarks:

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

Burst strength is not adjusted for tension.

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

Well name:	43047515410000 GMBU R-36-8-17		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Production	Project ID:	43-047-51541
Location:	UINTAH COUNTY		

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 161 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 100 ft
 Cement top: 839 ft

Burst

Max anticipated surface pressure: 1,352 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 2,727 psi

No backup mud specified.

Tension:

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

Tension is based on air weight.
 Neutral point: 5,569 ft

Directional Info - Build & Hold

Kick-off point 600 ft
 Departure at shoe: 1208 ft
 Maximum dogleg: 1.5 °/100ft
 Inclination at shoe: 13.05 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	6384	5.5	15.50	J-55	LT&C	6250	6384	4.825	22542
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	2727	4040	1.481	2727	4810	1.76	96.9	217	2.24 J

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

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

Date: April 26, 2011
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 6250 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

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

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name GMBU R-36-8-17
API Number 43047515410000 **APD No** 3571 **Field/Unit** MONUMENT BUTTE
Location: 1/4,1/4 SWSE **Sec** 36 **Tw** 8.0S **Rng** 17.0E 731 FSL 1972 FEL
GPS Coord (UTM) **Surface Owner**

Participants

Floyd Bartlett (DOGM), Brian Foote (Newfield), Jim Davis (SITLA) and Alex Hansen (UDWR).

Regional/Local Setting & Topography

Two additional oil wells will be directional drilled from the pad of the existing 15-36-8-17 injection well. They are the R-36-8-17 which will be drilled to STATE minerals and the V-1-9-17 which will be drilled to Federal minerals. The surface locations for the two will be switched as the State minerals well will probably be permitted and drilled long before the BLM permits the well to Federal minerals. The State minerals well bore will be moved closest to the existing injection shed and well. The APD will be resubmitted along with the appropriate changes in the drilling plan. The area is designated for 20 acre spacing. No construction changes are planned for the existing pad. A reserve pit will be re-dug in approximately the previous location. No tanks are currently on the pad. The oil will be piped to another site.

A field review of the existing pad showed no concerns as it now exists. It should be suitable for drilling and operating the proposed additional wells.

SITLA owns the surface.

Surface Use Plan

Current Surface Use
Existing Well Pad

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

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands

Flora / Fauna

Existing pad.

Soil Type and Characteristics

Erosion Issues

Sedimentation Issues

Site Stability Issues N

Drainage Diversion Required?

Berm Required? Y

Erosion Sedimentation Control Required?

Paleo Survey Run? **Paleo Potential Observed?** **Cultural Survey Run?** **Cultural Resources?**

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)	75 to 100	10	
Distance to Surface Water (feet)	>1000	0	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)		20	
Native Soil Type	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)		0	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
	Final Score	45	1 Sensitivity Level

Characteristics / Requirements

A reserve pit will be re-dug in the original location on the southeast side. Its dimensions are 80' x 40' x 8' deep. A 16 mil liner with an appropriate sub-liner is required.

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

Other Observations / Comments

Revised APD will be submitted. Text in write-up will need to be revised...

Floyd Bartlett
Evaluator

3/23/2011
Date / Time

Application for Permit to Drill Statement of Basis

5/3/2011

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
3571	43047515410000	SITLA	OW	S	No
Operator	NEWFIELD PRODUCTION COMPANY		Surface Owner-APD		
Well Name	GMBU R-36-8-17		Unit	GMBU (GRRV)	
Field	MONUMENT BUTTE		Type of Work	DRILL	
Location	SWSE 36 8S 17E S 731 FSL 1972 FEL GPS Coord (UTM) 589379E 4435754N				

Geologic Statement of Basis

Newfield proposes to set 300 feet of surface casing at this location. The base of the moderately saline water at this location is estimated to be at or near the surface. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of section 36. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement program should adequately protect any useable ground water.

Brad Hill
APD Evaluator

4/5/2011
Date / Time

Surface Statement of Basis

Two additional oil wells will be directional drilled from the pad of the existing 15-36-8-17 injection well. They are the R-36-8-17 which will be drilled to STATE minerals and the V-1-9-17 which will be drilled to Federal minerals. The surface locations for the two will be switched as the State minerals well will probably be permitted and drilled long before the BLM permits the well to Federal minerals. The State minerals well bore will be moved closest to the existing injection shed and well. The APD will be resubmitted along with the appropriate changes in the drilling plan. The area in designated for 20 acre spacing. No construction changes are planned for the existing pad. A reserve pit will be re-dug in approximately the previous location. No tanks are currently on the pad. The oil will be piped to another site.

A field review of the existing pad showed no concerns as it now exists. It should be suitable for drilling and operating the proposed additional wells.

SITLA owns the surface. Mr. Jim Davis of SITLA attended the evaluation and agreed with the proposal. Mr. Alex Hansen of the UDWR also attended and had no recommendations for wildlife.

Floyd Bartlett
Onsite Evaluator

3/23/2011
Date / Time

Conditions of Approval / Application for Permit to Drill

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

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 3/17/2011**API NO. ASSIGNED:** 43047515410000**WELL NAME:** GMBU R-36-8-17**OPERATOR:** NEWFIELD PRODUCTION COMPANY (N2695)**PHONE NUMBER:** 435 646-4825**CONTACT:** Mandie Crozier**PROPOSED LOCATION:** SWSE 36 080S 170E**Permit Tech Review:** **SURFACE:** 0731 FSL 1972 FEL**Engineering Review:** **BOTTOM:** 1486 FSL 2364 FWL**Geology Review:** **COUNTY:** UINTAH**LATITUDE:** 40.06920**LONGITUDE:** -109.95189**UTM SURF EASTINGS:** 589379.00**NORTHINGS:** 4435754.00**FIELD NAME:** MONUMENT BUTTE**LEASE TYPE:** 3 - State**LEASE NUMBER:** ML-44305**PROPOSED PRODUCING FORMATION(S):** GREEN RIVER**SURFACE OWNER:** 3 - State**COALBED METHANE:** NO**RECEIVED AND/OR REVIEWED:**

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

Commingle Approved**LOCATION AND SITING:**

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

Comments: Presite Completed

Stipulations:

- 5 - Statement of Basis - bhill
- 15 - Directional - dmason
- 25 - Surface Casing - hmadonald
- 27 - Other - bhill



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: GMBU R-36-8-17
API Well Number: 43047515410000
Lease Number: ML-44305
Surface Owner: STATE
Approval Date: 5/3/2011

Issued to:

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

Authority:

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

Duration:

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

General:

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

Conditions of Approval:

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

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

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

Surface casing shall be cemented to the surface.

Additional Approvals:

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

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

Notification Requirements:

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

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

Contact Information:

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

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

Reporting Requirements:

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

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

Approved By:



For John Rogers
Associate Director, Oil & Gas

Spud
BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# 29 Submitted By
Branden Arnold Phone Number 435-4010223
Well Name/Number GMBU R-36-8-17
Qtr/Qtr SW/SE Section 36 Township 8S Range 17E
Lease Serial Number ML-44305
API Number 43-047-51541

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

Date/Time 5/20/11 9:00 AM PM

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

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

Date/Time 5/20/11 3:00 AM PM

BOPE

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

Date/Time _____ AM PM

Remarks _____

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

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

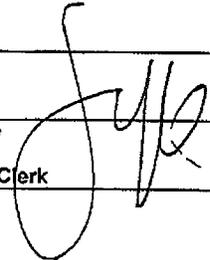
OPERATOR ACCT. NO. **N2695**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	17400 ✓	4304751541	GMBU R-36-8-17	SWSE	36	8S	17E	UINTAH	5/20/2011	5/31/11
WELL 1 COMMENTS: GRRV BHL = NESW											
E	17956	17956	4304751289	UTE TRIBAL 9-3-4-1E	NESE	3	4S	1E	UINTAH	2/18/2011	4/1/11
CHANGE FROM GRRV FORMATION TO GR-WS FORMATION											

ACTION CODES (See instructions on back of form)
 A - 1 new entity for new well (single well only)
 B - /well to existing entity (group or unit well)
 C - from one existing entity to another existing entity
 D - well from one existing entity to a new entity
 E - ther (explain in comments section)

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DIV. OF OIL, GAS & MINING

Signature 
 Jentri Park
 Production Clerk
 05/31/11

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTAH STATE ML-44305

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
GMBU R-36-8-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4304751541

3. ADDRESS OF OPERATOR:
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER
435.646.3721

10. FIELD AND POOL, OR WILDCAT:
GREATER MB UNIT

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 0731 FSL 1972 FEL

COUNTY: UINTAH

OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: , 36, T8S, R17E

STATE: UT

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 (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 05/24/2011	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Spud Notice
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

On 5/23/11 MIRU Ross #29. Spud well @10:00 AM. Drill 315' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24# csgn. Set @ 318.12. On 5/24/11 cement with 160 sks of class "G" w/ 2% CaCL2 + 0.25#/sk Cello- Flake Mixed @ 15.8ppg w/ 1.17ft3/sk yield. Returned 4 barrels cement to pit. WOC.

NAME (PLEASE PRINT) Branden Arnold

TITLE _____

SIGNATURE *Branden Arnold*

DATE 05/24/2011

(This space for State use only)

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MAY 31 2011

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-44305
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: GMBU R-36-8-17	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43047515410000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0731 FSL 1972 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 36 Township: 08.0S Range: 17.0E Meridian: S	COUNTY: UINTAH	
	STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/7/2011 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<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 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 checked="" 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 type="text" value="Weekly Status Report"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
The above well was completed on 07/07/2011. Attached is a daily completion status report.		
<p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</p>		
NAME (PLEASE PRINT) Jennifer Peatross	PHONE NUMBER 435 646-4885	TITLE Production Technician
SIGNATURE N/A	DATE 7/15/2011	

Daily Activity Report

Format For Sundry

GMBU R-36-8-17

5/1/2011 To 9/30/2011

6/27/2011 Day: 1

Completion

Rigless on 6/27/2011 - CBL/Perferate 1st stage. - RUCameron BOP's. RU hot oiler & test casing, wellhead w/ valves & BOP's to 4500 psi. RU Perforators LLC WLT & run CBL under pressure. WLTD was 6254' w/ cement top @ 105'. RIH w/ 3-1/8" Port guns & perferate CP2/1 sds w/ 3 spf for total of 30 shots. SIFN w/ 149 bbls EWTR.

Daily Cost: \$0

Cumulative Cost: \$23,929

6/29/2011 Day: 2

Completion

Rigless on 6/29/2011 - Fraced Stage 1 with Baker Hughes. Fraced and perforated Stages 2-5 with Baker Hughes and Extreme Wireline. Began flowback on 20/64 choke at 3 BPM. Well flowed for 4 hours and died. Recovered 600 bbls of fluid. SWIFN. - RU Baker Hughes and Extreme Wireline for Stage 2. Perforate LODC and A1 sands as shown in perforation report. Rig down Extreme Wireline and frac LODC and A1 sands with 29,079 lbs of white 20/40 sand. Leave pressure on well. 972 BWTR. - RU Baker Hughes and Extreme Wireline for Stage 3. Perforate C sands as shown in perforation report. Rig down Extreme Wireline and frac C sands with 34,240 lbs of white 20/40 sand. Leave pressure on well. 1325 BWTR. - RU Baker Hughes and Extreme Wireline for Stage 4. Perforate D2 and D1 sands as shown in perforation report. Rig down Extreme Wireline and frac D2 and D1 sands with 35,106 lbs of white 20/40 sand. Leave pressure on well. 1675 BWTR. - RU Baker Hughes and Extreme Wireline for Stage 5. Perforate GB6 and GB4 sands as shown in perforation report. Rig down Extreme Wireline and frac GB6 and GB4 sands with 22,308 lbs of white 20/40 sand. Leave pressure on well. 1979 BWTR. - RU Baker Hughes for Stage 1. Frac CP2 and CP1 sands with 29,813 lbs of white 20/40 sand. Leave pressure on well. 594 BWTR. - Begin flowback on 20/64 choke at 3 BPM. Well flowed for 4 hours and died. Recovered 600 bbls of fluid. SIWFN with 1379 BWTR.

Daily Cost: \$0

Cumulative Cost: \$125,342

7/5/2011 Day: 3

Completion

WWS #1 on 7/5/2011 - MIRU, changed over BOPs, and rigged up work floor. Picked up and ran into hole with 4-3/4" chomp bit and 40 joints of tubing to place end of tubing at 1260'. SWIFN. - Road rig from the Q-36-8-17 to the R-36-8-17 and MIRU. Pressure on casing at 550 psi. Bleed off pressure, nipple down Cameron BOPs, and nipple up 5,000 lb BOPs. Rig up work floor and tubing equipment. Pick up and run into hole with 4-3/4" chomp bit and 40 joints of tubing. End of tubing at 1260'. SWIFN with 1379 BWTR.

Daily Cost: \$0

Cumulative Cost: \$127,519

7/6/2011 Day: 4

Completion

WWS #1 on 7/6/2011 - Drilled out 4 plugs and cleaned out to PBTB. Laid down (2) joints of tubing to place end of tubing at 6233'. SWIFN. - Crew travel and safety meeting on rigging up pump lines. Pressure on tubing at 350 psi and pressure on casing at 500 psi. Rig up pump and circulate well clean. Run into hole with tubing, tag plug at 4570', rig up RBS power swivel, and

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drill out plug in 16 minutes. Run into hole with tubing, tag fill at 4981', clean out 79' of fill to plug at 5060', and drill out plug in 27 minutes. Run into hole with tubing, tag fill at 5137', clean out 63' of fill to plug at 5200', and drill out plug in 24 minutes. Run into hole with tubing, tag plug at 5610', and drill out plug in 37 minutes. Run into hole with tubing, tag fill at 6139' and clean out 156' of fill to PBTD at 6295'. Circulate well clean and rack out power swivel. - Lay down (2) joints of tubing to place end of tubing at 6233'. SWIFN with 1379 BWTR.

Daily Cost: \$0

Cumulative Cost: \$137,433

7/7/2011 Day: 5**Completion**

WWS #1 on 7/7/2011 - Made 13 swab runs and recovered 148 bbls of fluid, cleaned out to PBTD, and TOOH with tubing to lay down chomp bit. RIH with production tubing, set tubing anchor, and landed tubing. Crossed-over to rod equipment and start running rods. SWIFN. - Crew travel and safety meeting on checking pressure on well. Pressure on casing at 250 psi and pressure on tubing at 150 psi. Rig up swab equipment and make 13 swab runs. Recover 148 bbls of fluid with good oil and gas. Final fluid level at 800'. Rig down swab equipment and run into hole with tubing to PBTD at 6295'. No new fill. Lay down (12) joints of tubing and trip out of hole with (189) joints of tubing. Lay down 4-3/4" chomp bit and trip into hole with tubing and BHA as follows: notched collar, (2) joints 2-7/8" tubing, pump seating nipple, (1) joint 2-7/8" tubing, tubing anchor with carbide slips, and (186) joints of 2-7/8" tubing. - Rig down work floor and nipple down BOPs. Set tubing anchor at 5838.14' and land tubing on tubing hanger with 18,000 lbs of tension to place seat nipple at 5872.33' and end of tubing at 5936.74'. Cross-over to rod equipment. Pick up and prime Central Hydraulic 25-175-RHAC pump. Run into hole with (1) 1" x 4' stabilizer bar, (4) 1-1/2" x 25' weight bars, and (80) 7/8" x 25' 8per guided rods. SWIFN with 1171 BWTR.

Daily Cost: \$0

Cumulative Cost: \$180,605

7/8/2011 Day: 6**Completion**

WWS #1 on 7/8/2011 - Finished running rods, pressure tested pump, and prepared well to POP. Well ready to POP at 12 pm on 7/7/11. - Crew travel and safety meeting on picking up rods. Pressure on casing at 100 psi and pressure on tubing at 100 psi. Run into hole with rods as follows: (149) 7/8" x 25' 8per guided rods, no pony rods, and (1) 1-1/2" x 30' spray metal polish rod. Well was full with fluid. Pressure test pump to 800 psi. Pump tested good. Hang horse head and set up pumping unit with 144" stroke length. Waiting on completion of flowline to produce well. Well ready to POP at 12 pm on 7/7/11. 1171 BWTR. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$218,466

Pertinent Files: [Go to File List](#)

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
ML-44305

6. If Indian, Allottee or Tribe Name

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

8. Lease Name and Well No.
Greater Monument Butte R-36-8-17

9. AFI Well No.
43-047-51541

10. Field and Pool or Exploratory
MONUMENT BUTTE

11. Sec., T., R., M., on Block and
Survey or Area
SEC. 36, T8S, R17E

12. County or Parish
UINTAH

13. State
UT

17. Elevations (DF, RKB, RT, GL)*
5020' GL 5032' KB

1a. Type of Well Oil Well Gas Well Dry Other

b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resrv.,
Other: _____

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

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

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)* **BHL reviewed by J.P.**

At surface 731' FSL & 1972' FEL (SW/SE) SEC. 36, T8S, R17E (ML-44305)

At top prod. interval reported below 1206' FSL & 2588' FEL (SW/SE) SEC. 36, T8S, R17E (ML-44305)

At total depth 1447' FSL & 2377' FWL (NE/SW) SEC. 36, T8S, R17E (ML-44305)

14. Date Spudded
05/23/2011

15. Date T.D. Reached
06/20/2011

16. Date Completed 07/07/2011
 D & A Ready to Prod.

18. Total Depth: MD 6347'
TVD 6222'

19. Plug Back T.D.: MD 6295'
TVD 6170

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	315'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6342'		275 PRIMLITE		105'	
						400 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 5937'	TA @ 5838'						

25. Producing Intervals

Formation	Top	Bottom	Perforation Interval	Size	No. Holes	Perf. Status
A) Green River	4443'	5867'	5804-5867'	.36"	30	
B)			4443-5522'	.34"	123	
C)						
D)						

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

Depth Interval	Amount and Type of Material
4443-5867'	Frac w/ 150546#s 20/40 sand in 1168 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
7/17/11	7/28/11	24	→	15	7	7			2-1/2" x 1-3/4" x 20' 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	
			→						

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*(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.)

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GREEN RIVER	4443'	5867'		GARDEN GULCH MRK	3947'
				GARDEN GULCH 1	4125'
				GARDEN GULCH 2	4245'
				POINT 3	4513'
				X MRKR	4742'
				Y MRKR	4780'
DOUGLAS CREEK MRK				BI CARBONATE MRK	4916' 5166'
				B LIMESTON MRK	5308'
CASTLE PEAK					5748'
				BASAL CARBONATE	6182'
WASATCH					6303'

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 *J Peatross* Date 07/29/2011

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



NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 36 T8S, R17E
R-36-8-17**

Wellbore #1

Design: Actual

Standard Survey Report

23 June, 2011



PayZone Directional Services, LLC.

Survey Report



Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 36 T8S, R17E
 Well: R-36-8-17
 Wellbore: Wellbore #1
 Design: Actual

Local Co-ordinate Reference: Well R-36-8-17
 TVD Reference: R-36-8-17 @ 5032.0ft (Newfield Rig #2)
 MD Reference: R-36-8-17 @ 5032.0ft (Newfield Rig #2)
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.21 Single User Db

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

Site	SECTION 36 T8S, R17E				
Site Position:		Northing:	7,200,290.92 ft	Latitude:	40° 4' 35.190 N
From:	Lat/Long	Easting:	2,072,102.31 ft	Longitude:	109° 57' 26.000 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.99 °

Well	R-36-8-17, SHL LAT: 40 04 09.06 LONG: -109 57 09.19					
Well Position	+N/-S	0.0 ft	Northing:	7,197,669.97 ft	Latitude:	40° 4' 9.060 N
	+E/-W	0.0 ft	Easting:	2,073,454.48 ft	Longitude:	109° 57' 9.190 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	5,032.0 ft	Ground Level:	5,020.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2011/01/28	11.32	65.85	52,340

Design	Actual				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:		Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
		0.0	0.0	0.0	307.76

Survey Program	Date	2011/06/23			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
362.0	6,347.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

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
362.0	0.44	350.23	362.0	1.4	-0.2	1.0	0.12	0.12	0.00
392.0	0.39	314.57	392.0	1.6	-0.3	1.2	0.86	-0.17	-118.87
423.0	0.60	313.40	423.0	1.7	-0.5	1.5	0.68	0.68	-3.77
453.0	0.80	311.70	453.0	2.0	-0.8	1.8	0.67	0.67	-5.67
484.0	0.90	306.50	484.0	2.3	-1.1	2.3	0.41	0.32	-16.77
514.0	1.30	310.00	514.0	2.6	-1.6	2.9	1.35	1.33	11.67
545.0	1.80	299.40	545.0	3.1	-2.3	3.7	1.85	1.61	-34.19
575.0	2.20	296.80	575.0	3.6	-3.2	4.7	1.37	1.33	-8.67
606.0	2.50	298.40	605.9	4.2	-4.3	6.0	0.99	0.97	5.16
636.0	2.90	300.40	635.9	4.9	-5.6	7.4	1.37	1.33	6.67
667.0	3.50	305.80	666.8	5.8	-7.0	9.1	2.16	1.94	17.42
697.0	3.70	311.00	696.8	7.0	-8.5	11.0	1.28	0.67	17.33



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 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.21 Single User Db

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)
728.0	4.30	311.30	727.7	8.4	-10.1	13.2	1.94	1.94	0.97
759.0	4.60	312.00	758.6	10.0	-11.9	15.6	0.98	0.97	2.26
789.0	4.90	310.70	788.5	11.7	-13.8	18.0	1.06	1.00	-4.33
820.0	5.20	310.80	819.4	13.4	-15.8	20.8	0.97	0.97	0.32
850.0	5.50	311.10	849.3	15.3	-18.0	23.6	1.00	1.00	1.00
882.0	5.80	312.70	881.1	17.4	-20.3	26.7	1.06	0.94	5.00
914.0	6.10	310.50	912.9	19.6	-22.8	30.0	1.18	0.94	-6.88
945.0	6.90	308.70	943.7	21.8	-25.5	33.5	2.66	2.58	-5.81
977.0	7.30	307.30	975.5	24.2	-28.6	37.5	1.36	1.25	-4.38
1,009.0	7.70	307.00	1,007.2	26.8	-31.9	41.6	1.26	1.25	-0.94
1,040.0	8.00	306.90	1,037.9	29.3	-35.3	45.9	0.97	0.97	-0.32
1,071.0	8.60	306.90	1,068.6	32.0	-38.9	50.4	1.94	1.94	0.00
1,103.0	9.16	308.92	1,100.2	35.0	-42.8	55.3	2.00	1.75	6.31
1,135.0	9.70	308.50	1,131.8	38.3	-46.9	60.5	1.70	1.69	-1.31
1,166.0	10.00	310.50	1,162.3	41.7	-51.0	65.8	1.47	0.97	6.45
1,198.0	10.20	310.32	1,193.8	45.3	-55.2	71.4	0.63	0.63	-0.56
1,230.0	10.60	309.80	1,225.3	49.0	-59.7	77.2	1.28	1.25	-1.63
1,261.0	11.20	308.20	1,255.7	52.7	-64.2	83.1	2.17	1.94	-5.16
1,293.0	12.10	307.00	1,287.1	56.7	-69.3	89.5	2.91	2.81	-3.75
1,323.0	12.50	307.30	1,316.4	60.5	-74.4	95.9	1.35	1.33	1.00
1,356.0	12.70	305.70	1,348.6	64.8	-80.2	103.1	1.22	0.61	-4.85
1,388.0	13.20	305.60	1,379.8	69.0	-86.1	110.3	1.56	1.56	-0.31
1,420.0	13.36	305.09	1,410.9	73.2	-92.1	117.6	0.62	0.50	-1.59
1,451.0	13.62	304.65	1,441.1	77.4	-98.0	124.8	0.90	0.84	-1.42
1,483.0	13.84	304.13	1,472.2	81.7	-104.3	132.4	0.79	0.69	-1.63
1,515.0	14.15	303.56	1,503.2	86.0	-110.7	140.2	1.06	0.97	-1.78
1,546.0	14.10	303.50	1,533.3	90.2	-117.0	147.7	0.17	-0.16	-0.19
1,578.0	13.93	303.51	1,564.3	94.4	-123.4	155.4	0.53	-0.53	0.03
1,610.0	13.93	304.05	1,595.4	98.7	-129.9	163.1	0.41	0.00	1.69
1,642.0	13.80	303.90	1,626.5	103.0	-136.2	170.8	0.42	-0.41	-0.47
1,673.0	13.71	305.05	1,656.6	107.2	-142.3	178.1	0.93	-0.29	3.71
1,705.0	13.71	304.70	1,687.7	111.5	-148.5	185.7	0.26	0.00	-1.09
1,737.0	13.50	304.30	1,718.8	115.8	-154.7	193.2	0.72	-0.66	-1.25
1,768.0	13.30	303.30	1,748.9	119.8	-160.7	200.4	0.99	-0.65	-3.23
1,800.0	13.20	303.10	1,780.1	123.8	-166.8	207.7	0.34	-0.31	-0.63
1,832.0	13.30	304.00	1,811.2	127.8	-172.9	215.0	0.72	0.31	2.81
1,864.0	13.20	304.90	1,842.4	132.0	-179.0	222.3	0.72	-0.31	2.81
1,896.0	12.50	304.30	1,873.6	136.0	-184.8	229.4	2.23	-2.19	-1.88
1,924.0	12.20	303.90	1,900.9	139.4	-189.8	235.4	1.11	-1.07	-1.43
1,956.0	12.40	305.20	1,932.2	143.3	-195.4	242.2	1.07	0.63	4.06
1,988.0	12.50	306.00	1,963.4	147.3	-201.0	249.1	0.62	0.31	2.50
2,019.0	12.30	307.00	1,993.7	151.2	-206.4	255.8	0.95	-0.65	3.23
2,051.0	12.10	307.60	2,025.0	155.3	-211.7	262.5	0.74	-0.63	1.88
2,082.0	12.00	308.00	2,055.3	159.3	-216.9	269.0	0.42	-0.32	1.29
2,114.0	12.20	306.10	2,086.6	163.3	-222.2	275.7	1.39	0.63	-5.94
2,146.0	12.20	304.90	2,117.9	167.3	-227.7	282.5	0.79	0.00	-3.75
2,178.0	12.10	306.10	2,149.1	171.2	-233.2	289.2	0.85	-0.31	3.75
2,208.0	12.00	308.10	2,178.5	175.0	-238.2	295.4	1.43	-0.33	6.67
2,240.0	11.90	310.10	2,209.8	179.1	-243.3	302.1	1.33	-0.31	6.25
2,271.0	11.78	310.32	2,240.1	183.2	-248.2	308.4	0.41	-0.39	0.71
2,304.0	12.10	311.20	2,272.4	187.7	-253.4	315.2	1.12	0.97	2.67
2,336.0	12.30	311.00	2,303.7	192.1	-258.5	322.0	0.64	0.63	-0.63
2,368.0	12.40	311.60	2,334.9	196.7	-263.6	328.8	0.51	0.31	1.88
2,399.0	12.40	310.60	2,365.2	201.0	-268.6	335.5	0.69	0.00	-3.23



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Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
2,431.0	12.70	310.90	2,396.5	205.6	-273.9	342.4	0.96	0.94	0.94
2,463.0	12.60	309.20	2,427.7	210.1	-279.3	349.4	1.20	-0.31	-5.31
2,495.0	12.40	307.90	2,458.9	214.4	-284.7	356.3	1.08	-0.63	-4.06
2,526.0	12.30	307.50	2,489.2	218.5	-289.9	363.0	0.42	-0.32	-1.29
2,558.0	12.30	309.00	2,520.5	222.7	-295.3	369.8	1.00	0.00	4.69
2,590.0	12.70	309.80	2,551.7	227.1	-300.6	376.7	1.36	1.25	2.50
2,621.0	13.10	310.70	2,581.9	231.5	-305.9	383.6	1.44	1.29	2.90
2,653.0	13.30	311.80	2,613.1	236.4	-311.4	390.9	1.00	0.63	3.44
2,685.0	13.50	311.80	2,644.2	241.3	-316.9	398.3	0.63	0.63	0.00
2,716.0	13.80	310.54	2,674.3	246.1	-322.4	405.6	1.36	0.97	-4.06
2,748.0	14.35	310.57	2,705.4	251.2	-328.3	413.4	1.72	1.72	0.09
2,780.0	14.59	310.28	2,736.4	256.4	-334.4	421.4	0.78	0.75	-0.91
2,811.0	14.30	308.70	2,766.4	261.3	-340.4	429.1	1.58	-0.94	-5.10
2,843.0	14.10	307.40	2,797.4	266.1	-346.6	437.0	1.18	-0.63	-4.06
2,875.0	13.80	305.70	2,828.5	270.7	-352.8	444.7	1.59	-0.94	-5.31
2,907.0	12.94	304.00	2,859.6	274.9	-358.8	452.1	2.95	-2.69	-5.31
2,938.0	12.10	302.50	2,889.9	278.6	-364.5	458.8	2.91	-2.71	-4.84
2,970.0	11.90	302.20	2,921.2	282.2	-370.1	465.4	0.65	-0.63	-0.94
3,002.0	11.44	303.00	2,952.5	285.7	-375.5	471.8	1.52	-1.44	2.50
3,033.0	10.70	302.00	2,982.9	288.9	-380.6	477.8	2.47	-2.39	-3.23
3,065.0	10.70	303.40	3,014.4	292.1	-385.6	483.7	0.81	0.00	4.38
3,096.0	10.40	305.90	3,044.8	295.3	-390.2	489.3	1.77	-0.97	8.06
3,128.0	10.00	307.50	3,076.3	298.7	-394.8	495.0	1.53	-1.25	5.00
3,160.0	10.10	306.40	3,107.8	302.1	-399.2	500.6	0.68	0.31	-3.44
3,192.0	10.85	307.20	3,139.3	305.5	-403.9	506.4	2.39	2.34	2.50
3,224.0	11.55	308.60	3,170.7	309.4	-408.8	512.6	2.35	2.19	4.38
3,255.0	12.10	309.40	3,201.0	313.4	-413.7	519.0	1.85	1.77	2.58
3,287.0	12.00	309.50	3,232.3	317.6	-418.9	525.6	0.32	-0.31	0.31
3,318.0	11.35	308.30	3,262.7	321.5	-423.8	531.9	2.24	-2.10	-3.87
3,350.0	11.30	307.40	3,294.1	325.4	-428.7	538.2	0.57	-0.16	-2.81
3,382.0	11.70	308.10	3,325.4	329.3	-433.8	544.6	1.32	1.25	2.19
3,413.0	12.39	309.40	3,355.7	333.4	-438.8	551.0	2.39	2.23	4.19
3,445.0	13.10	310.20	3,387.0	337.9	-444.2	558.1	2.29	2.22	2.50
3,476.0	13.40	310.70	3,417.1	342.5	-449.6	565.2	1.04	0.97	1.61
3,508.0	13.80	310.00	3,448.2	347.4	-455.4	572.7	1.35	1.25	-2.19
3,540.0	13.60	309.00	3,479.3	352.2	-461.2	580.3	0.97	-0.63	-3.13
3,572.0	13.27	307.42	3,510.4	356.8	-467.1	587.7	1.54	-1.03	-4.94
3,603.0	13.00	305.80	3,540.6	361.0	-472.7	594.8	1.47	-0.87	-5.23
3,635.0	13.30	306.05	3,571.8	365.2	-478.6	602.0	0.95	0.94	0.78
3,666.0	13.20	306.10	3,602.0	369.4	-484.4	609.1	0.32	-0.32	0.16
3,698.0	13.50	307.60	3,633.1	373.9	-490.3	616.5	1.43	0.94	4.69
3,730.0	13.45	308.65	3,664.2	378.5	-496.1	624.0	0.78	-0.16	3.28
3,761.0	13.60	309.20	3,694.4	383.0	-501.8	631.2	0.64	0.48	1.77
3,793.0	13.80	309.40	3,725.5	387.8	-507.6	638.8	0.64	0.63	0.63
3,825.0	13.90	308.50	3,756.5	392.6	-513.6	646.5	0.74	0.31	-2.81
3,888.0	12.40	306.50	3,817.9	401.4	-525.0	660.8	2.49	-2.38	-3.17
3,920.0	11.70	305.90	3,849.2	405.3	-530.3	667.5	2.22	-2.19	-1.88
3,951.0	11.50	305.80	3,879.5	409.0	-535.4	673.7	0.65	-0.65	-0.32
3,983.0	11.40	306.60	3,910.9	412.7	-540.5	680.1	0.59	-0.31	2.50
4,015.0	11.30	307.40	3,942.3	416.5	-545.6	686.4	0.58	-0.31	2.50
4,046.0	11.20	308.30	3,972.7	420.2	-550.3	692.4	0.65	-0.32	2.90
4,078.0	11.20	309.20	4,004.1	424.1	-555.2	698.6	0.55	0.00	2.81
4,110.0	11.30	309.00	4,035.5	428.0	-560.0	704.9	0.34	0.31	-0.63
4,141.0	11.50	309.70	4,065.8	431.9	-564.8	711.0	0.78	0.65	2.26



PayZone Directional Services, LLC.

Survey Report



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4,173.0	11.90	309.80	4,097.2	436.1	-569.8	717.5	1.25	1.25	0.31
4,204.0	12.20	309.80	4,127.5	440.2	-574.7	723.9	0.97	0.97	0.00
4,236.0	12.50	310.50	4,158.8	444.6	-580.0	730.8	1.05	0.94	2.19
4,268.0	12.60	309.40	4,190.0	449.1	-585.3	737.7	0.81	0.31	-3.44
4,300.0	12.40	310.20	4,221.2	453.5	-590.6	744.6	0.83	-0.63	2.50
4,332.0	12.10	309.10	4,252.5	457.9	-595.8	751.4	1.19	-0.94	-3.44
4,363.0	12.10	309.50	4,282.8	462.0	-600.9	757.9	0.27	0.00	1.29
4,394.0	12.30	309.60	4,313.1	466.2	-605.9	764.5	0.65	0.65	0.32
4,425.0	12.30	310.40	4,343.4	470.4	-611.0	771.1	0.55	0.00	2.58
4,456.0	12.50	309.90	4,373.7	474.7	-616.1	777.7	0.73	0.65	-1.61
4,488.0	12.70	309.00	4,404.9	479.1	-621.4	784.7	0.88	0.63	-2.81
4,520.0	13.01	307.50	4,436.1	483.5	-627.0	791.8	1.42	0.97	-4.69
4,552.0	13.20	307.10	4,467.3	487.9	-632.8	799.1	0.66	0.59	-1.25
4,584.0	12.70	306.20	4,498.5	492.2	-638.6	806.2	1.68	-1.56	-2.81
4,615.0	12.30	307.20	4,528.7	496.2	-643.9	813.0	1.47	-1.29	3.23
4,647.0	12.60	308.50	4,560.0	500.5	-649.4	819.9	1.28	0.94	4.06
4,679.0	12.70	307.60	4,591.2	504.8	-654.9	826.9	0.69	0.31	-2.81
4,710.0	12.70	307.10	4,621.4	508.9	-660.3	833.7	0.35	0.00	-1.61
4,742.0	12.90	307.50	4,652.6	513.2	-666.0	840.8	0.68	0.63	1.25
4,774.0	12.70	306.60	4,683.8	517.5	-671.6	847.9	0.88	-0.63	-2.81
4,806.0	12.60	307.20	4,715.1	521.7	-677.2	854.9	0.52	-0.31	1.88
4,837.0	12.80	308.10	4,745.3	525.8	-682.6	861.7	0.91	0.65	2.90
4,869.0	12.90	307.80	4,776.5	530.2	-688.2	868.8	0.38	0.31	-0.94
4,901.0	13.40	308.70	4,807.7	534.7	-694.0	876.1	1.69	1.56	2.81
4,933.0	13.70	309.10	4,838.8	539.4	-699.8	883.6	0.98	0.94	1.25
4,964.0	13.80	308.80	4,868.9	544.1	-705.5	890.9	0.40	0.32	-0.97
4,996.0	14.00	308.20	4,900.0	548.9	-711.5	898.6	0.77	0.63	-1.88
5,028.0	14.10	308.50	4,931.0	553.7	-717.6	906.4	0.39	0.31	0.94
5,059.0	13.70	307.50	4,961.1	558.3	-723.5	913.8	1.51	-1.29	-3.23
5,091.0	13.54	307.12	4,992.2	562.8	-729.5	921.4	0.57	-0.50	-1.19
5,123.0	13.40	306.40	5,023.3	567.3	-735.5	928.8	0.68	-0.44	-2.25
5,155.0	13.00	304.80	5,054.5	571.5	-741.4	936.1	1.69	-1.25	-5.00
5,186.0	12.40	305.10	5,084.7	575.4	-747.0	942.9	1.95	-1.94	0.97
5,217.0	11.70	306.90	5,115.0	579.3	-752.2	949.4	2.56	-2.26	5.81
5,248.0	11.65	307.86	5,145.4	583.1	-757.2	955.7	0.65	-0.16	3.10
5,280.0	12.20	304.70	5,176.7	587.0	-762.5	962.3	2.67	1.72	-9.88
5,312.0	12.30	301.60	5,208.0	590.7	-768.2	969.0	2.08	0.31	-9.69
5,344.0	12.00	299.90	5,239.2	594.1	-774.0	975.7	1.46	-0.94	-5.31
5,375.0	11.60	299.90	5,269.6	597.3	-779.5	982.0	1.29	-1.29	0.00
5,407.0	11.60	300.40	5,300.9	600.5	-785.1	988.4	0.31	0.00	1.56
5,439.0	11.90	302.20	5,332.3	603.9	-790.6	994.9	1.48	0.94	5.63
5,471.0	12.20	304.70	5,363.6	607.6	-796.2	1,001.5	1.88	0.94	7.81
5,503.0	12.80	301.50	5,394.8	611.4	-802.0	1,008.4	2.86	1.88	-10.00
5,534.0	13.10	302.40	5,425.0	615.0	-807.9	1,015.3	1.17	0.97	2.90
5,566.0	13.50	304.70	5,456.2	619.1	-814.0	1,022.7	2.07	1.25	7.19
5,598.0	13.40	307.20	5,487.3	623.5	-820.1	1,030.1	1.84	-0.31	7.81
5,629.0	13.00	308.50	5,517.5	627.8	-825.6	1,037.2	1.61	-1.29	4.19
5,661.0	12.50	312.20	5,548.7	632.4	-831.0	1,044.2	2.99	-1.56	11.56
5,693.0	11.47	315.64	5,580.0	637.0	-835.8	1,050.8	3.92	-3.22	10.75
5,724.0	11.60	315.00	5,610.3	641.4	-840.2	1,057.0	0.59	0.42	-2.06
5,756.0	10.40	311.10	5,641.8	645.6	-844.6	1,063.1	4.41	-3.75	-12.19
5,788.0	10.77	310.40	5,673.2	649.4	-849.1	1,068.9	1.22	1.16	-2.19
5,819.0	11.40	309.90	5,703.6	653.2	-853.6	1,074.9	2.06	2.03	-1.61
5,851.0	12.10	311.10	5,735.0	657.5	-858.6	1,081.4	2.32	2.19	3.75



Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 36 T8S, R17E
 Well: R-36-8-17
 Wellbore: Wellbore #1
 Design: Actual

Local Co-ordinate Reference: Well R-36-8-17
 TVD Reference: R-36-8-17 @ 5032.0ft (Newfield Rig #2)
 MD Reference: R-36-8-17 @ 5032.0ft (Newfield Rig #2)
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,883.0	12.30	313.00	5,766.2	662.0	-863.6	1,088.1	1.40	0.63	5.94
5,914.0	12.50	313.40	5,796.5	666.6	-868.5	1,094.8	0.70	0.65	1.29
5,946.0	13.00	312.20	5,827.7	671.4	-873.7	1,101.8	1.77	1.56	-3.75
5,978.0	13.00	310.20	5,858.9	676.1	-879.1	1,109.0	1.41	0.00	-6.25
6,009.0	12.80	309.10	5,889.1	680.5	-884.4	1,115.9	1.02	-0.65	-3.55
6,041.0	12.44	308.83	5,920.4	684.9	-889.8	1,122.9	1.14	-1.13	-0.84
6,073.0	12.20	308.40	5,951.6	689.2	-895.2	1,129.7	0.80	-0.75	-1.34
6,104.0	11.73	307.95	5,981.9	693.2	-900.2	1,136.1	1.55	-1.52	-1.45
6,136.0	11.30	308.20	6,013.3	697.1	-905.2	1,142.5	1.35	-1.34	0.78
6,168.0	10.24	308.40	6,044.7	700.8	-909.9	1,148.5	3.31	-3.31	0.63
6,199.0	9.45	307.10	6,075.3	704.0	-914.1	1,153.8	2.65	-2.55	-4.19
6,231.0	8.44	305.27	6,106.9	707.0	-918.1	1,158.8	3.28	-3.16	-5.72
6,263.0	8.13	306.00	6,138.6	709.7	-921.9	1,163.4	1.02	-0.97	2.28
6,295.0	7.60	304.00	6,170.3	712.2	-925.5	1,167.8	1.86	-1.66	-6.25
6,347.0	7.60	304.00	6,221.8	716.0	-931.2	1,174.6	0.00	0.00	0.00

Wellbore Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
R-36-8-17 TGT	0.00	0.99	5,000.0	562.4	-726.0	7,198,219.69	2,072,718.82	40° 4' 14.618 N	109° 57' 18.530 W
- hit/miss target									
- Shape									
- actual wellpath misses target center by 5.1ft at 5097.9ft MD (4998.9 TVD, 563.8 N, -730.8 E)									
- Circle (radius 75.0)									

Checked By: _____ Approved By: _____ Date: _____

NEWFIELD



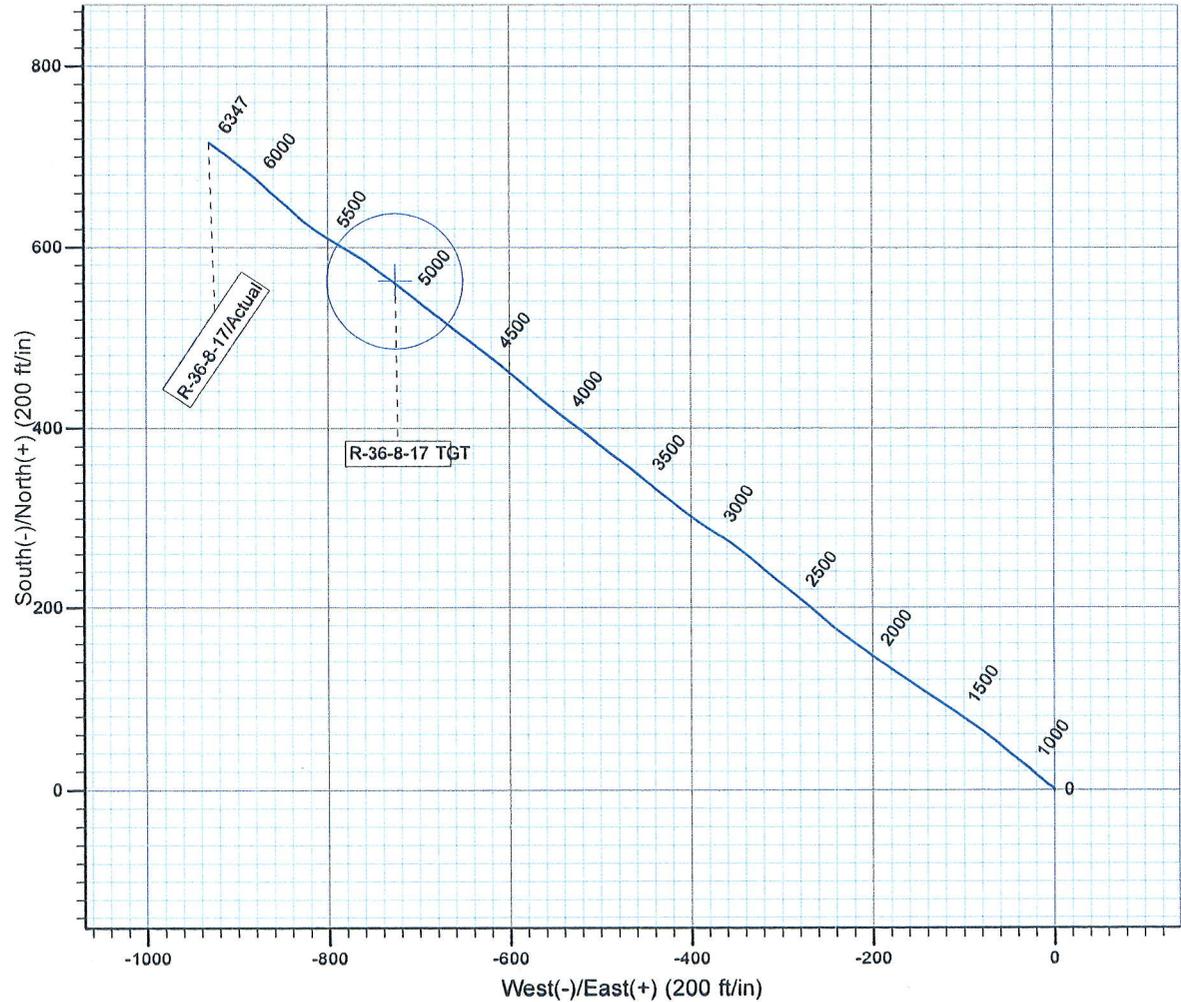
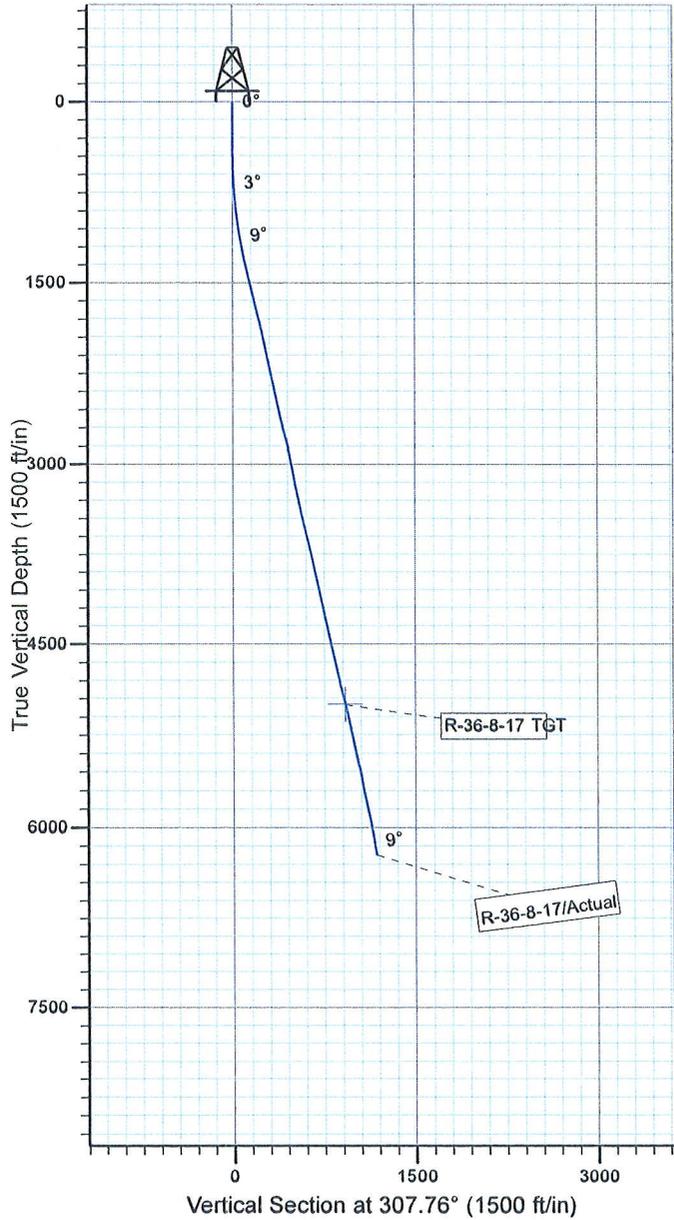
Project: USGS Myton SW (UT)
 Site: SECTION 36 T8S, R17E
 Well: R-36-8-17
 Wellbore: Wellbore #1
 SURVEY: Actual

FINAL SURVEY REPORT



Azimuths to True North
 Magnetic North: 11.32°

Magnetic Field
 Strength: 52340.4snT
 Dip Angle: 65.85°
 Date: 2011/01/28
 Model: IGRF2010



Design: Actual (R-36-8-17/Wellbore #1)



Created By: Sarah Webb Date: 18:56, June 23 2011
 THIS SURVEY IS CORRECT TO THE BEST OF MY
 KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

Daily Activity Report

Format For Sundry

GMBU R-36-8-17**4/1/2011 To 8/30/2011****GMBU R-36-8-17****Waiting on Cement****Date:** 5/24/2011

Ross #29 at 315. Days Since Spud - On 5/23/11 Ross #29 spud and drilled 315' of 12 1/4" hole, P/U and run 7 jts of 8 5/8" casing set - 318.12'KB. On 5/24/11 cement w/BJ w/160 sks of class G+2%kcl+.25#CF mixed @ 15.8ppg and 1.17 - yield. Returned 4bbls to pit, bump plug to 431psi, BLM and State were notified of spud via email.

Daily Cost: \$0**Cumulative Cost:** \$58,874**GMBU R-36-8-17****Drill 7 7/8" hole with fresh water****Date:** 6/16/2011

NDSI #2 at 997. 1 Days Since Spud - Pick up BHA as follows Varel VM 616 P2HR 7 7/8"PDC bit Hunting 7/8 ADJ 4.3.33 1.5 degree mud motorNM - Minutes.Test Surface csg @ 1500 psi for 30 minutes all test good. - Valve and Choke Manifold,& choke line,Pipe Rams ,blind rams to a high pressure of 2000PSI for 10 - BLM and State notified via e-mail of rig move@10:40PM 4/14/11 repaired torque converter on floor mtr - On 6/15/11 MIRU set all equipment w/liddel trucking (7 mile field rig move from the GMBU Q-36-8-17) - Monel 31.05 single gap index sub nm pony1x5.28 - Drill 7 7/8" borehole with fresh water from a depth of 273' to 997'avg rop 90.5'hr w/20k,gpm400 - No H2S reported last 24 hrs - Accept rig on 6/15/11 @ 7:00PM Conducted safety meeting w/B&C Quick test R/U Test Kelly,safety

Daily Cost: \$0**Cumulative Cost:** \$88,381**GMBU R-36-8-17****Drill 7 7/8" hole with fresh water****Date:** 6/17/2011

NDSI #2 at 3591. 2 Days Since Spud - No H2s Reported Last 24 Hrs - Drill 7 7/8" Hole From 1661' To 3591' WOB 20,000 lbs,TRPM 160, GPM 400, AVG ROP 101.5 fph - Rig Service,Function Test Bop's,Check Crown-A-Matic. - Drill 7 7/8" Hole From 997' To 1661' WOB 20,000 lbs,TRPM 160,GPM 400,AVG ROP 147.5 fph - Well Flowing 20 gal/min @ 3591'

Daily Cost: \$0**Cumulative Cost:** \$111,520**GMBU R-36-8-17****Drill 7 7/8" hole with fresh water****Date:** 6/18/2011

NDSI #2 at 5111. 3 Days Since Spud - Drill 7 7/8" hole F/ 3591' to 4192' w/ 20K WOB,TRPM-160,GPM-400,Avg ROP-100 ft/hr - No H2S reported, Well flowing about 15 gpm - Drill 7 7/8" hole F/ 4192' to 5111' w/ 20K WOB,TRPM-160,GPM-400,Avg ROP-53 ft/hr - Rig Service, check crownomatic and BOP

Daily Cost: \$0**Cumulative Cost:** \$130,879**GMBU R-36-8-17****Lay Down Drill Pipe/BHA****Date:** 6/19/2011

NDSI #2 at 6347. 4 Days Since Spud - Lay down drill pipe - Circulate wait on brine to kill 15 GPM flow - Circulate and Condition hole For lay down - Lay down drill pipe to 4000' - Pump 270 bbls of 9.9lb brine (Check flow= No flow) - Drill 7 7/8" hole F/ 5111 to 5618' w/ 20K

WOB,TRPM-160,GPM-400,Avg ROP-78 ft/hr - Rig Service, check crownomatic and BOP - Drill 7 7/8" hole F/ 5618' to 6347' w/ 20K WOB,TRPM-160,GPM-400,Avg ROP-73 ft/hr

Daily Cost: \$0

Cumulative Cost: \$195,917

GMBU R-36-8-17

Rigging down

Date: 6/20/2011

NDSI #2 at 6347. 5 Days Since Spud - Lay down Kelly and Swivel for inspection - Change rams to 5.5", rig up B&C Quicktest and test to 2000#/10 min - Rig up Crew and run 151 jts. Of 5.5" J-55,15.5#LTC set @ 6341.98' - rig up BJ head and Circulate - Cement w/ 275 sks of lead(PL II+3%KCL+5#CSE+.5#CF+5#Kol Seal) mixed @ 11ppg and 3.53 yield and 400 - sks of tail (50:50:2+3%KCL+.5%EC-1+.25#CF), displaced w/ 150bbls of fresh, returned 30 bbls - cement to pit, bump plug to 2253 psi, BLM and State were notified - Clean mud tanks - Release rig @ 00:30 am on 6-20-11 - Rig up PSI and Log from loggers TD (6339') to Surface,dual guard,compensated density,neutron - Break Kelly apart and Lay down BHA

Finalized

Daily Cost: \$0

Cumulative Cost: \$336,810

Pertinent Files: Go to File List