

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No. UTU-76956	
6. If Indian, Allottee or Tribe Name NA	
7. If Unit or CA Agreement, Name and No. Greater Boundary II	
8. Lease Name and Well No. Greater Boundary II Federal J-29-8-17	
9. API Well No. 43-013-34157	
10. Field and Pool, or Exploratory Monument Butte	11. Sec., T. R. M. or Blk. and Survey or Area Sec. 29, T8S R17E
12. County or Parish Duchesne	13. State UT
14. Distance in miles and direction from nearest town or post office* Approximately 10.5 miles southeast of Myton, UT	15. Distance from proposed* location to nearest property or lease line, ft. Approx. 25' f/lse, 3925' f/unit (Also to nearest drig. unit line, if any)
16. No. of acres in lease 600.00	17. Spacing Unit dedicated to this well 20 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1260'	19. Proposed Depth 6,515'
20. BLM/BIA Bond No. on file WYB000493	21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5257' GL
22. Approximate date work will start* 1st Qtr. 2009	23. Estimated duration (7) days from SPUD to rig release

24. Attachments

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

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

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 11/24/08
Title Regulatory Specialist		
Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 12-22-08
Title	Office ENVIRONMENTAL MANAGER	

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

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

(Continued on page 2)

*(Instructions on page 2)

Surf
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4438091Y
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-110.022535

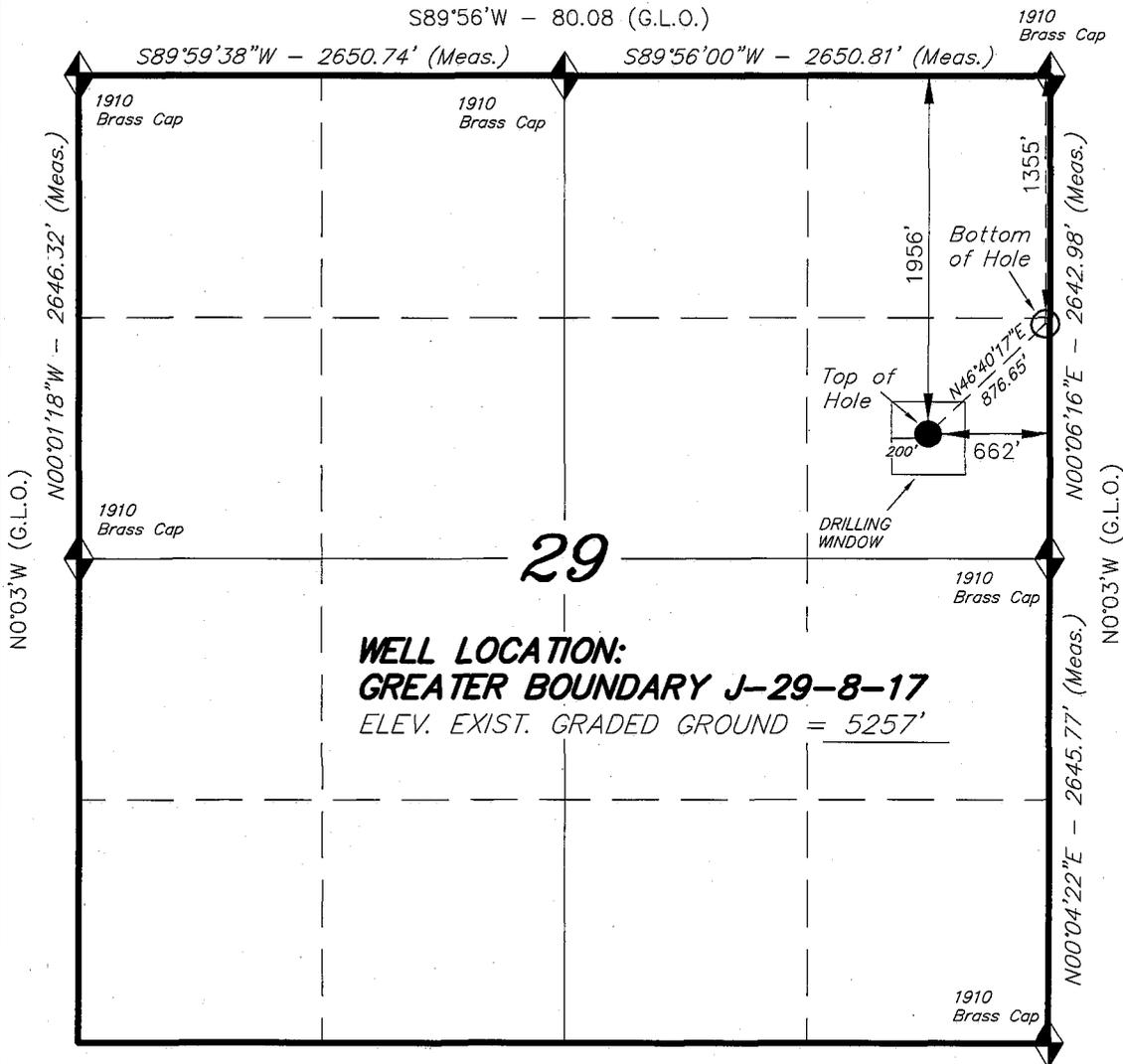
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Federal Approval of this
Action is Necessary

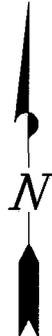
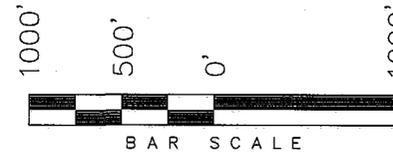
RECEIVED
DEC 08 2008
DIV. OF OIL, GAS & MINING

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

NEWFIELD PRODUCTION COMPANY



WELL LOCATION, GREATER BOUNDARY J-29-8-17, LOCATED AS SHOWN IN THE SE 1/4 NE 1/4 OF SECTION 29, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

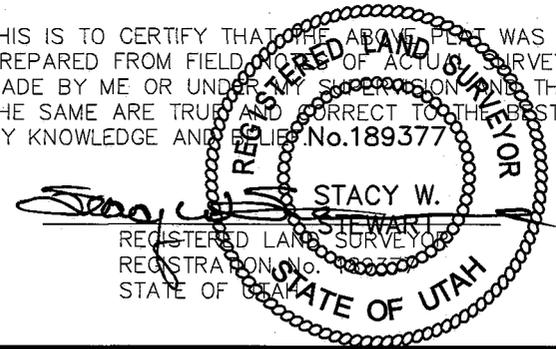


Note:

1. The bottom of hole footages are 1355' FNL & 25' FEL.

WELL LOCATION:
GREATER BOUNDARY J-29-8-17
 ELEV. EXIST. GRADED GROUND = 5257'

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
 U.S.G.S. 7-1/2 min QUAD (MYTON SE)

GREATER BOUNDARY J-29-8-17
 (Surface Location) NAD 83
 LATITUDE = 40° 05' 26.97"
 LONGITUDE = 110° 01' 23.81"

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 10-07-08	SURVEYED BY: C.M.
DATE DRAWN: 10-13-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
GREATER BOUNDARY II FEDERAL J-29-8-17
AT SURFACE: SE/NE SECTION 29, T8S, R17E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 1759'
Green River	1759'
Wasatch	6515'

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

Green River Formation 1759' – 6515' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
GREATER BOUNDARY II FEDERAL J-29-8-17
AT SURFACE: SE/NE SECTION 29, T8S, R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Greater Boundary II Federal J-29-8-17 located in the SE 1/4 NE 1/4 Section 29, T8S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles ± to the junction of this highway and UT State Hwy 53; proceed southeasterly - 7.7 miles ± to its junction with an existing dirt road to the east; proceed easterly - 1.3 miles ± to its junction with the beginning of the access road to the existing Tar Sands Federal 8-29-8-17 well location.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Tar Sands Federal 8-29-8-17 well pad. See attached **Topographic Map "B"**.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the Tar Sands Federal 8-29-8-17 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Greater Boundary II Federal J-29-8-17. All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District
Water Right : 43-7478

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

Newfield Collector Well
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Greater Boundary II Federal J-29-8-17 will be drilled off of the existing Tar Sands Federal 8-29-8-17 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. Arch and Cultural Report #895-01, 8/29/96. See attached report cover page, Exhibit "D".

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, 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, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), State of Utah approved surface disposal facilities, or Federally approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Ferruginous Hawk: Due to this proposed well location's proximity (less than 0.5 mile) to an existing inactive ferruginous hawk nest site, no new construction or surface disturbing activities will be allowed between March 1 and July 31. If the nest remains inactive on May 30th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location after that date. If the nest site becomes active prior to May 30, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Reserve Pit Liner

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Squirrel Tail	<i>Elymus Elymoides</i>	6 lbs/acre
Siberian Wheatgrass	<i>Agropyron Fragile</i>	2 lbs/acre
Gardner Saltbush	<i>Atriplex Gardneri</i>	1 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	1 lbs/acre
Fourwing Saltbush	<i>Atriplex Canescens</i>	1 lbs/acre
Scarlet Globemallow	<i>Sphaeralcea Conccinea</i>	0.20 lbs/acre

Details of the On-Site Inspection

The proposed Greater Boundary II Federal J-29-8-17 was on-sited on 8/22/08. The following were present; Dave Allred (Newfield Production), Tim Eaton (Newfield Production), Dave Gordon (Bureau of Land Management), and James Herford (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Dave Allred
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

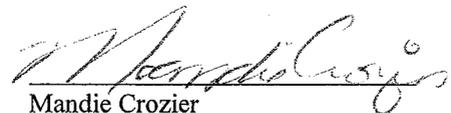
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #J-29-8-17 SE/NE Section 29, Township 8S, Range 17E: Lease UTU-76956 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

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

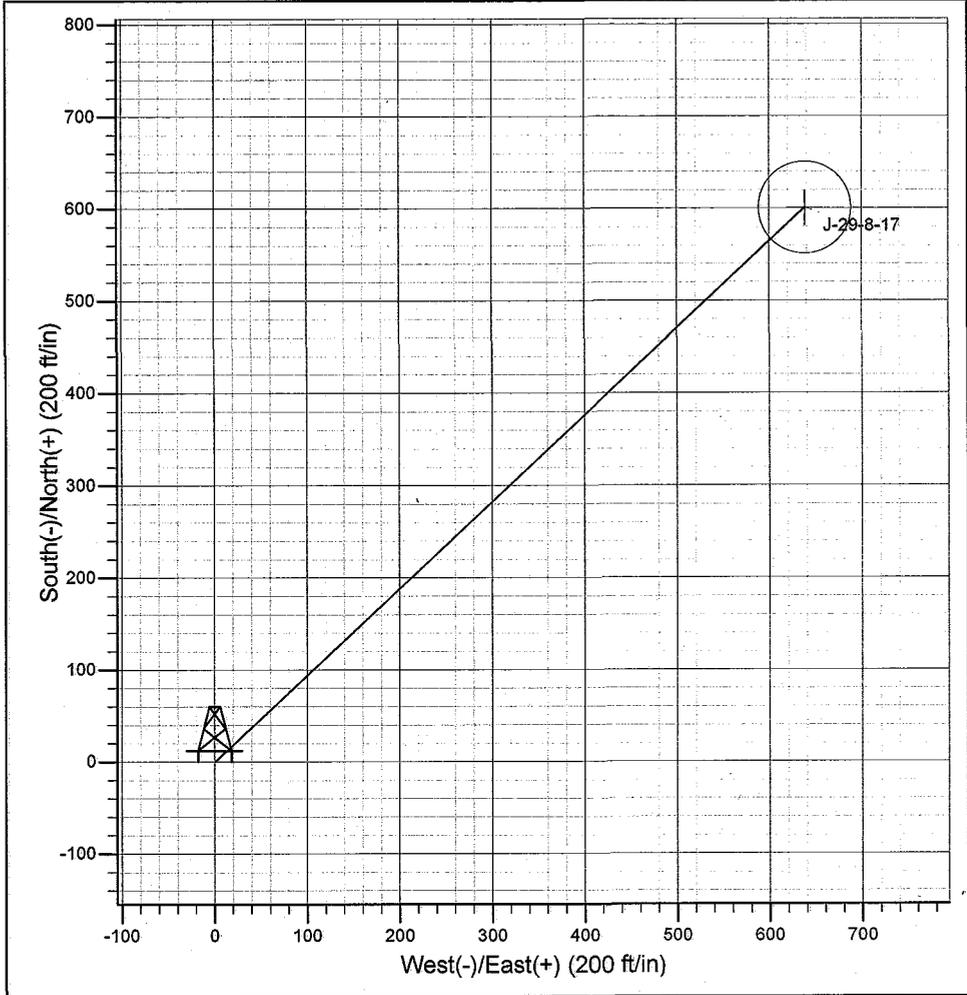
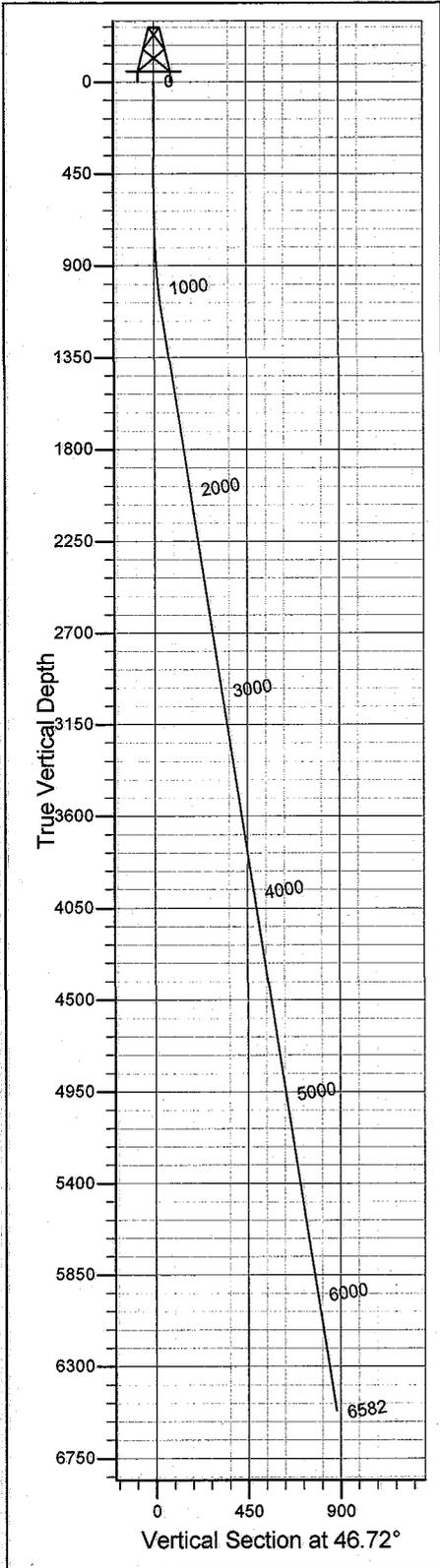
11/22/08

Date



Mandie Crozier
Regulatory Specialist
Newfield Production Company

Project: Monument Butte
Site: Greater Boundary J-29-8-17
Well: Greater Boundary J-29-8-17
Wellbore: Wellbore #1
Design: Design #1



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	1191.2	8.87	46.72	1188.8	31.3	33.2	1.50	46.72	45.7	
4	6581.8	8.87	46.72	6515.0	601.0	638.2	0.00	0.00	876.6	J-29-8-17

PROJECT DETAILS: Monument Butte
 Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: Utah Central Zone
 System Datum: Mean Sea Level



Azimuths to True North
 Magnetic North: 11.62°
 Magnetic Field
 Strength: 52583.6snT
 Dip Angle: 65.91°
 Date: 11/20/2008
 Model: IGRF200510

Created by: Hans Wychgram
Date: 11-20-2008



Database: EDM 2003.21 Single User Db
Company: Newfield Production Company
Project: Monument Butte
Site: Greater Boundary J-29-8-17
Well: Greater Boundary J-29-8-17
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well Greater Boundary J-29-8-17
TVD Reference: RKB @ 5269.0ft (NDSI #2)
MD Reference: RKB @ 5269.0ft (NDSI #2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Project	Monument Butte		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	Greater Boundary J-29-8-17				
Site Position:		Northing:	2,196,154.67 m	Latitude:	40° 5' 26.970 N
From:	Lat/Long	Easting:	625,918.33 m	Longitude:	110° 1' 23.810 W
Position Uncertainty:	0.0 ft	Slot Radius:	in	Grid Convergence:	0.95 °

Well	Greater Boundary J-29-8-17					
Well Position	+N/-S	0.0 ft	Northing:	2,196,154.67 m	Latitude:	40° 5' 26.970 N
	+E/-W	0.0 ft	Easting:	625,918.33 m	Longitude:	110° 1' 23.810 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	5,257.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	11/20/2008	11.62	65.91	52,584

Design	Design #1				
Audit Notes:					
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0	
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.0	0.0	0.0	46.72	

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	
1,191.2	8.87	46.72	1,188.8	31.3	33.2	1.50	1.50	0.00	46.72	
6,581.8	8.87	46.72	6,515.0	601.0	638.2	0.00	0.00	0.00	0.00	J-29-8-17



Database: EDM 2003.21 Single User Db
Company: Newfield Production Company
Project: Monument Butte
Site: Greater Boundary J-29-8-17
Well: Greater Boundary J-29-8-17
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well Greater Boundary J-29-8-17
TVD Reference: RKB @ 5269.0ft (NDSI #2)
MD Reference: RKB @ 5269.0ft (NDSI #2)
North Reference: True
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)
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	46.72	700.0	0.9	1.0	1.3	1.50	1.50	0.00
800.0	3.00	46.72	799.9	3.6	3.8	5.2	1.50	1.50	0.00
900.0	4.50	46.72	899.7	8.1	8.6	11.8	1.50	1.50	0.00
1,000.0	6.00	46.72	999.3	14.3	15.2	20.9	1.50	1.50	0.00
1,100.0	7.50	46.72	1,098.6	22.4	23.8	32.7	1.50	1.50	0.00
1,191.2	8.87	46.72	1,188.8	31.3	33.2	45.7	1.50	1.50	0.00
1,200.0	8.87	46.72	1,197.5	32.2	34.2	47.0	0.00	0.00	0.00
1,300.0	8.87	46.72	1,296.3	42.8	45.5	62.4	0.00	0.00	0.00
1,400.0	8.87	46.72	1,395.1	53.4	56.7	77.8	0.00	0.00	0.00
1,500.0	8.87	46.72	1,494.0	63.9	67.9	93.3	0.00	0.00	0.00
1,600.0	8.87	46.72	1,592.8	74.5	79.1	108.7	0.00	0.00	0.00
1,700.0	8.87	46.72	1,691.6	85.1	90.3	124.1	0.00	0.00	0.00
1,800.0	8.87	46.72	1,790.4	95.6	101.6	139.5	0.00	0.00	0.00
1,900.0	8.87	46.72	1,889.2	106.2	112.8	154.9	0.00	0.00	0.00
2,000.0	8.87	46.72	1,988.0	116.8	124.0	170.3	0.00	0.00	0.00
2,100.0	8.87	46.72	2,086.8	127.3	135.2	185.8	0.00	0.00	0.00
2,200.0	8.87	46.72	2,185.6	137.9	146.5	201.2	0.00	0.00	0.00
2,300.0	8.87	46.72	2,284.4	148.5	157.7	216.6	0.00	0.00	0.00
2,400.0	8.87	46.72	2,383.2	159.1	168.9	232.0	0.00	0.00	0.00
2,500.0	8.87	46.72	2,482.0	169.6	180.1	247.4	0.00	0.00	0.00
2,600.0	8.87	46.72	2,580.8	180.2	191.3	262.8	0.00	0.00	0.00
2,700.0	8.87	46.72	2,679.6	190.8	202.6	278.3	0.00	0.00	0.00
2,800.0	8.87	46.72	2,778.4	201.3	213.8	293.7	0.00	0.00	0.00
2,900.0	8.87	46.72	2,877.2	211.9	225.0	309.1	0.00	0.00	0.00
3,000.0	8.87	46.72	2,976.0	222.5	236.2	324.5	0.00	0.00	0.00
3,100.0	8.87	46.72	3,074.8	233.0	247.5	339.9	0.00	0.00	0.00
3,200.0	8.87	46.72	3,173.6	243.6	258.7	355.3	0.00	0.00	0.00
3,300.0	8.87	46.72	3,272.4	254.2	269.9	370.7	0.00	0.00	0.00
3,400.0	8.87	46.72	3,371.2	264.7	281.1	386.2	0.00	0.00	0.00
3,500.0	8.87	46.72	3,470.0	275.3	292.4	401.6	0.00	0.00	0.00
3,600.0	8.87	46.72	3,568.8	285.9	303.6	417.0	0.00	0.00	0.00
3,700.0	8.87	46.72	3,667.7	296.4	314.8	432.4	0.00	0.00	0.00
3,800.0	8.87	46.72	3,766.5	307.0	326.0	447.8	0.00	0.00	0.00
3,900.0	8.87	46.72	3,865.3	317.6	337.2	463.2	0.00	0.00	0.00
4,000.0	8.87	46.72	3,964.1	328.1	348.5	478.7	0.00	0.00	0.00
4,100.0	8.87	46.72	4,062.9	338.7	359.7	494.1	0.00	0.00	0.00
4,200.0	8.87	46.72	4,161.7	349.3	370.9	509.5	0.00	0.00	0.00
4,300.0	8.87	46.72	4,260.5	359.9	382.1	524.9	0.00	0.00	0.00
4,400.0	8.87	46.72	4,359.3	370.4	393.4	540.3	0.00	0.00	0.00
4,500.0	8.87	46.72	4,458.1	381.0	404.6	555.7	0.00	0.00	0.00
4,600.0	8.87	46.72	4,556.9	391.6	415.8	571.1	0.00	0.00	0.00
4,700.0	8.87	46.72	4,655.7	402.1	427.0	586.6	0.00	0.00	0.00
4,800.0	8.87	46.72	4,754.5	412.7	438.2	602.0	0.00	0.00	0.00
4,900.0	8.87	46.72	4,853.3	423.3	449.5	617.4	0.00	0.00	0.00
5,000.0	8.87	46.72	4,952.1	433.8	460.7	632.8	0.00	0.00	0.00
5,100.0	8.87	46.72	5,050.9	444.4	471.9	648.2	0.00	0.00	0.00
5,200.0	8.87	46.72	5,149.7	455.0	483.1	663.6	0.00	0.00	0.00



Database: EDM 2003.21 Single User Db
Company: Newfield Production Company
Project: Monument Butte
Site: Greater Boundary J-29-8-17
Well: Greater Boundary J-29-8-17
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well Greater Boundary J-29-8-17
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North Reference: True
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)
5,300.0	8.87	46.72	5,248.5	465.5	494.4	679.1	0.00	0.00	0.00
5,400.0	8.87	46.72	5,347.3	476.1	505.6	694.5	0.00	0.00	0.00
5,500.0	8.87	46.72	5,446.1	486.7	516.8	709.9	0.00	0.00	0.00
5,600.0	8.87	46.72	5,544.9	497.2	528.0	725.3	0.00	0.00	0.00
5,700.0	8.87	46.72	5,643.7	507.8	539.3	740.7	0.00	0.00	0.00
5,800.0	8.87	46.72	5,742.6	518.4	550.5	756.1	0.00	0.00	0.00
5,900.0	8.87	46.72	5,841.4	528.9	561.7	771.5	0.00	0.00	0.00
6,000.0	8.87	46.72	5,940.2	539.5	572.9	787.0	0.00	0.00	0.00
6,100.0	8.87	46.72	6,039.0	550.1	584.1	802.4	0.00	0.00	0.00
6,200.0	8.87	46.72	6,137.8	560.7	595.4	817.8	0.00	0.00	0.00
6,300.0	8.87	46.72	6,236.6	571.2	606.6	833.2	0.00	0.00	0.00
6,400.0	8.87	46.72	6,335.4	581.8	617.8	848.6	0.00	0.00	0.00
6,500.0	8.87	46.72	6,434.2	592.4	629.0	864.0	0.00	0.00	0.00
6,581.8	8.87	46.72	6,515.0	601.0	638.2	876.6	0.00	0.00	0.00

NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

GREATER BOUNDARY J-29-8-17 (Proposed Well)

GREATER BOUNDARY 8-29-8-17 (Existing Well)

Pad Location: SENE Section 29, T8S, R17E, S.L.B.&M.



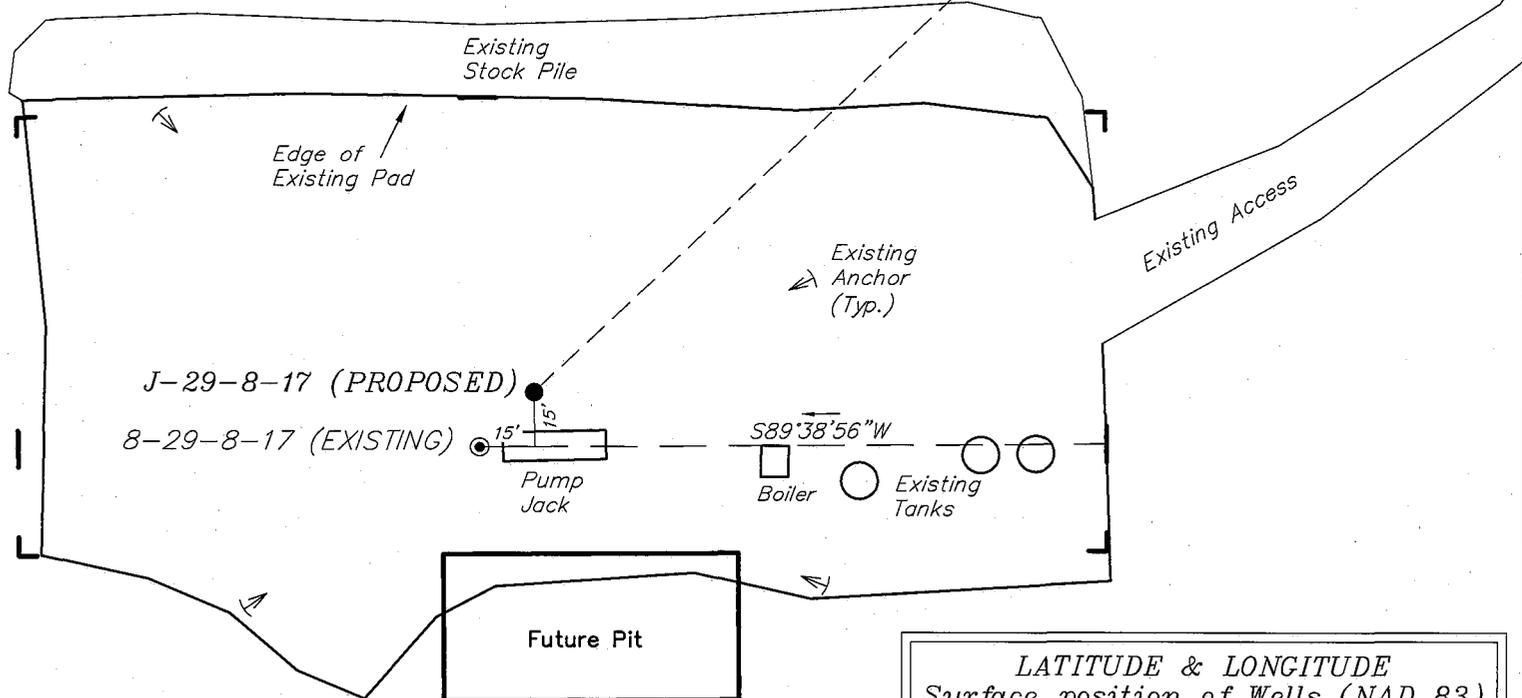
N46°40'17"E 876.65'
(Bottom of Hole)

TOP HOLE FOOTAGES

J-29-8-17 (PROPOSED)
1956' FNL & 662' FEL

BOTTOM HOLE FOOTAGES

J-29-8-17 (PROPOSED)
1355' FNL & 25' FEL



Note:
Bearings are based on
GLO Information.

RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
J-29-8-17	602'	638'

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
J-29-8-17	40° 05' 26.97"	110° 01' 23.81"
8-29-8-17	40° 05' 26.82"	110° 01' 24.01"

SURVEYED BY: C.M. DATE SURVEYED: 10-07-08
 DRAWN BY: F.T.M. DATE DRAWN: 10-13-08
 SCALE: 1" = 50' REVISED:

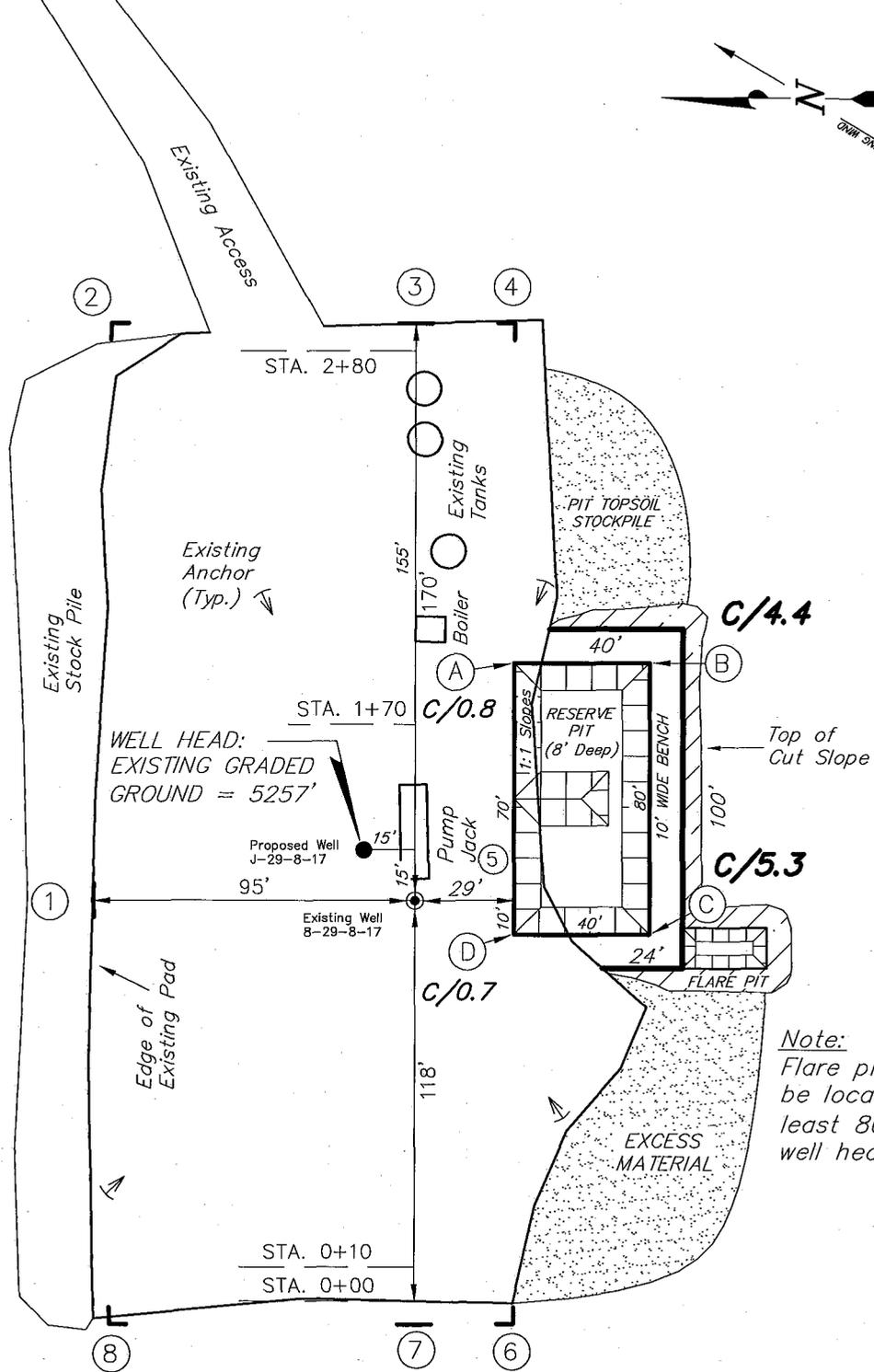
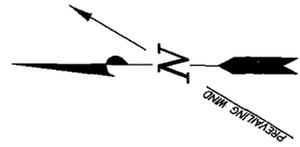
Tri State Land Surveying, Inc. (435) 781-2501
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

GREATER BOUNDARY J-29-8-17 (Proposed Well)

GREATER BOUNDARY 8-29-8-17 (Existing Well)

Pad Location: SENE Section 29, T8S, R17E, S.L.B.&M.



Note:
Flare pit is to be located at least 80' from well head.

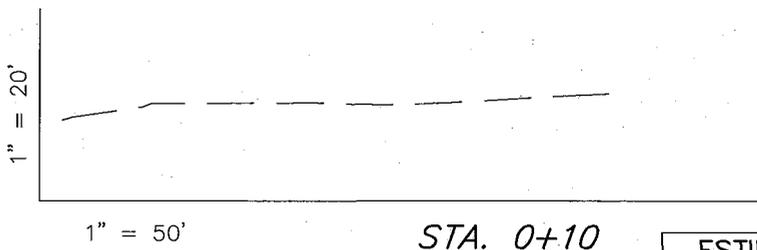
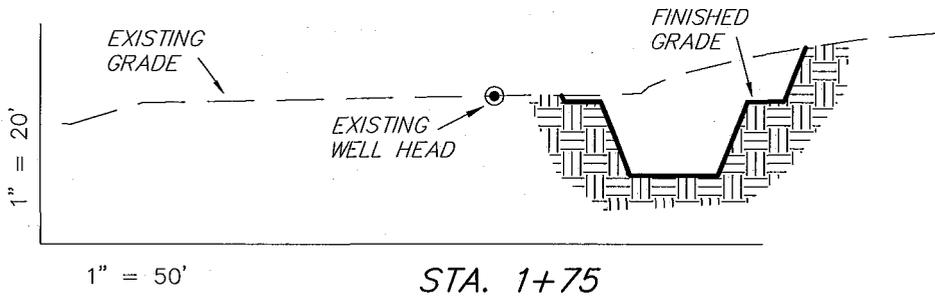
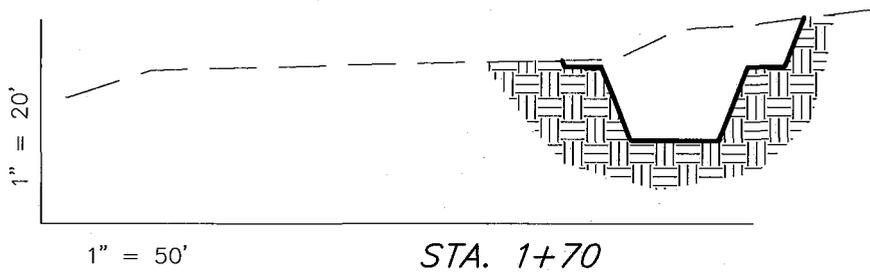
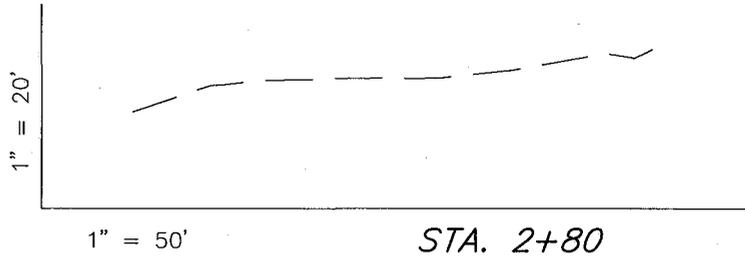
SURVEYED BY: C.M.	DATE SURVEYED: 10-07-08
DRAWN BY: F.T.M.	DATE DRAWN: 10-13-08
SCALE: 1" = 50'	REVISED:

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

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

GREATER BOUNDARY J-29-8-17 (Proposed Well)
GREATER BOUNDARY 8-29-8-17 (Existing Well)



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

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	870	0	Topsoil is not included in Pad Cut	870
PIT	640	0		640
TOTALS	1,510	0	140	1,510

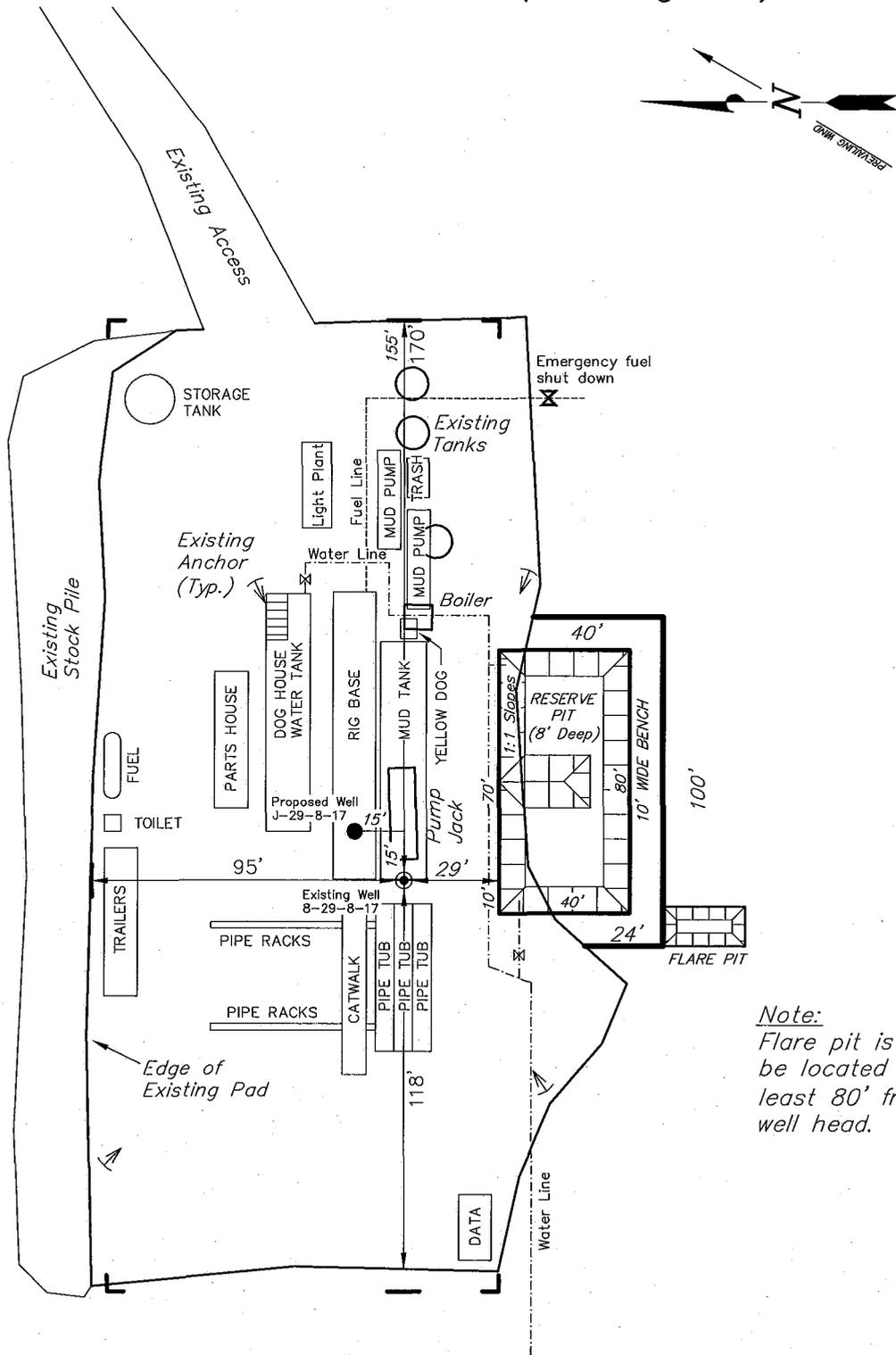
SURVEYED BY: C.M.	DATE SURVEYED: 10-07-08	
DRAWN BY: F.T.M.	DATE DRAWN: 10-13-08	
SCALE: 1" = 50'	REVISED:	

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

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

GREATER BOUNDARY J-29-8-17 (Proposed Well)
 GREATER BOUNDARY 8-29-8-17 (Existing Well)



Note:
 Flare pit is to be located at least 80' from well head.

SURVEYED BY: C.M.	DATE SURVEYED: 10-07-08
DRAWN BY: F.T.M.	DATE DRAWN: 10-13-08
SCALE: 1" = 50'	REVISED:

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

Oilfield Production Company Proposed Site Facility Diagram

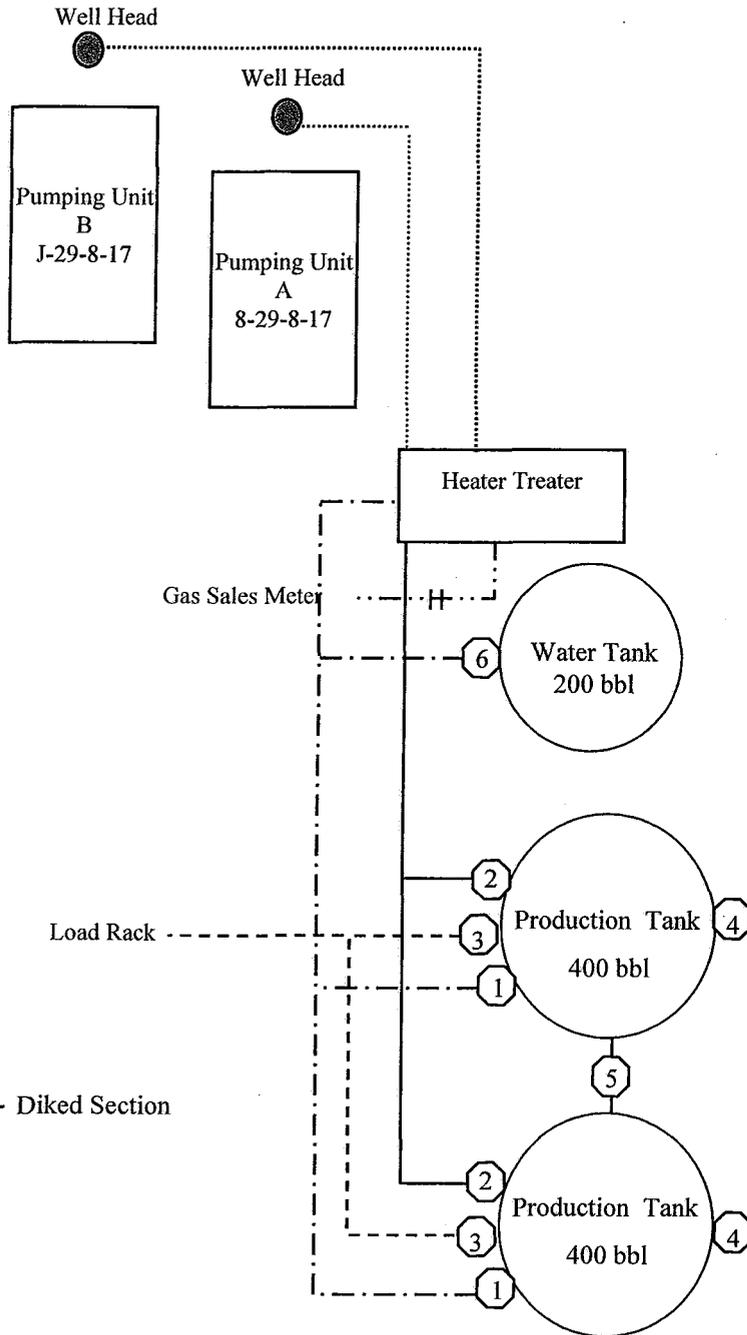
Greater Boundary II Federal J-29-8-17

From the 8-29-8-17 Location

SE/NE Sec. 29 T8S, R17E

Duchesne County, Utah

UTU-76956



Site Security Plan is held at the Pleasant Valley Office, Duchesne County, Utah

Production Phase:

- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5, and 6 sealed open

Sales Phase:

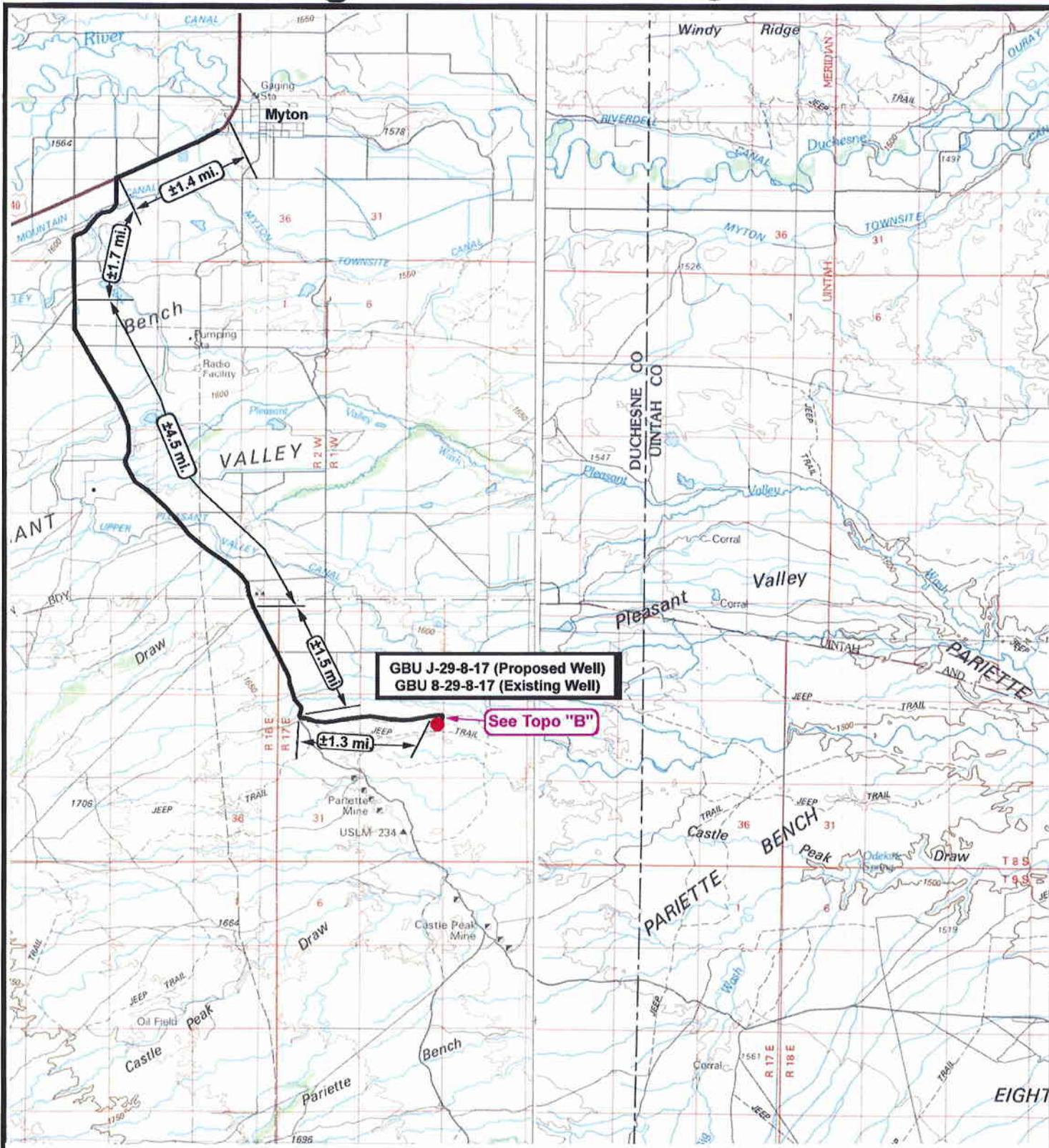
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valves 1 and 6 open

Legend

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



GBU J-29-8-17 (Proposed Well)
GBU 8-29-8-17 (Existing Well)

See Topo "B"

NEWFIELD
Exploration Company

Greater Boundary J-29-8-17 (Proposed Well)
Greater Boundary 8-29-8-17 (Existing Well)
Pad Location SENE SEC. 29, T8S, R17E, S.L.B.&M.

Tri-State
Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

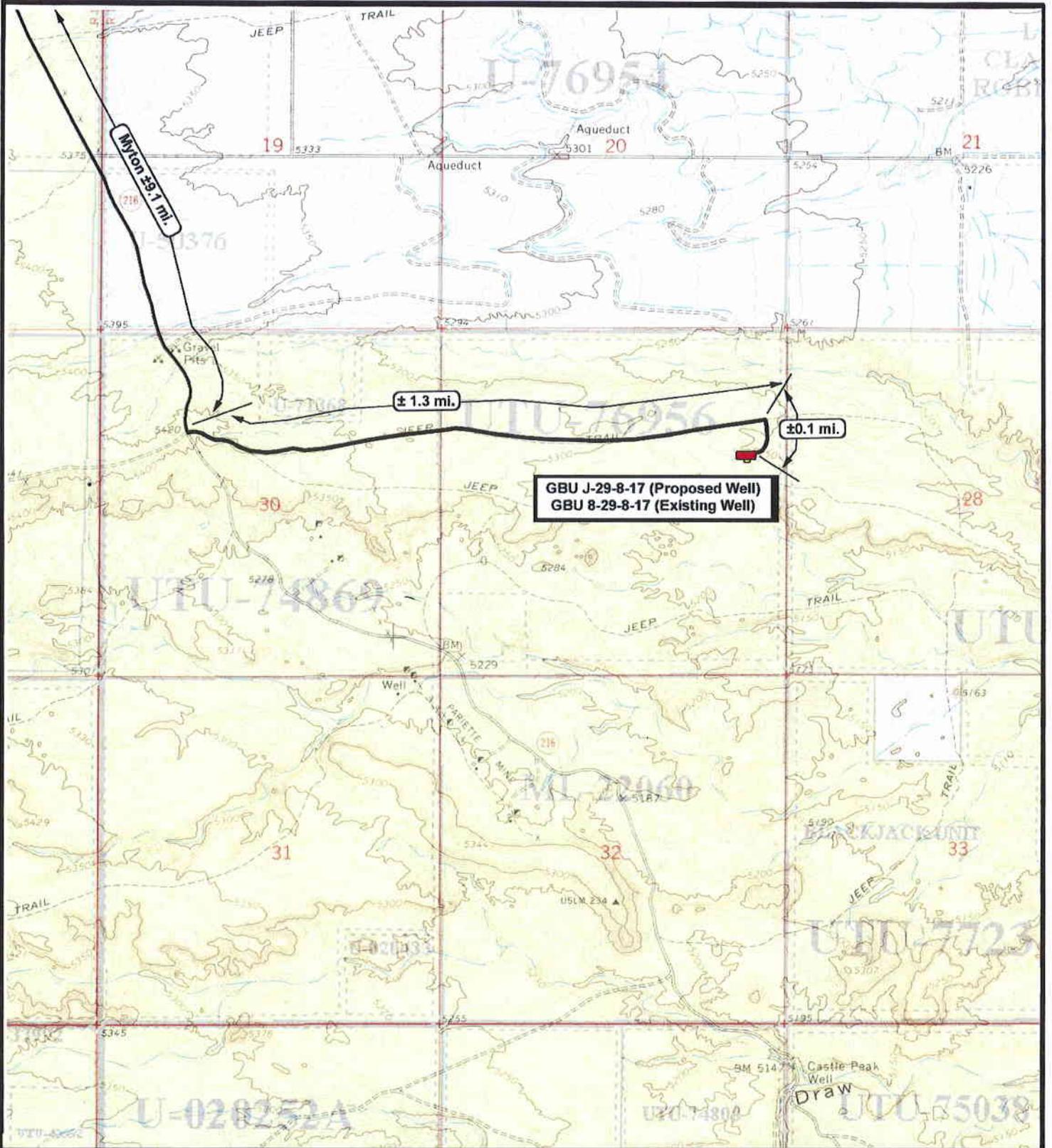
SCALE: 1 = 100,000
 DRAWN BY: JAS
 DATE: 10-16-2008

Legend

Existing Road

TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

Greater Boundary J-29-8-17 (Proposed Well)
Greater Boundary 8-29-8-17 (Existing Well)
Pad Location SENE SEC. 29, T8S, R17E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

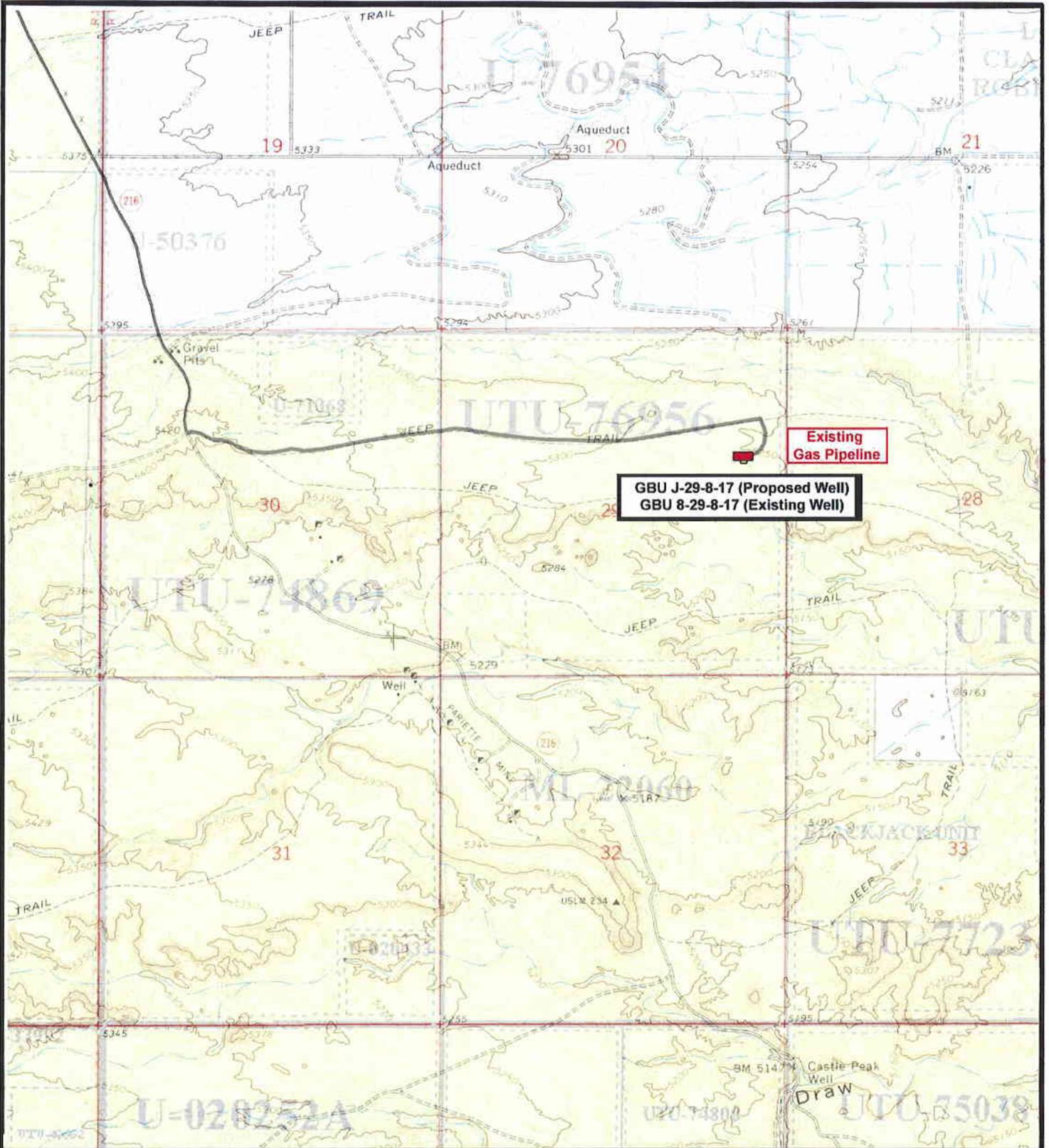
SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 10-16-2008

Legend

Existing Road

TOPOGRAPHIC MAP

"B"



Existing Gas Pipeline

GBU J-29-8-17 (Proposed Well)
GBU 8-29-8-17 (Existing Well)



NEWFIELD
Exploration Company

Greater Boundary J-29-8-17 (Proposed Well)
Greater Boundary 8-29-8-17 (Existing Well)
Pad Location SENE SEC. 29, T8S, R17E, S.L.B.&M.



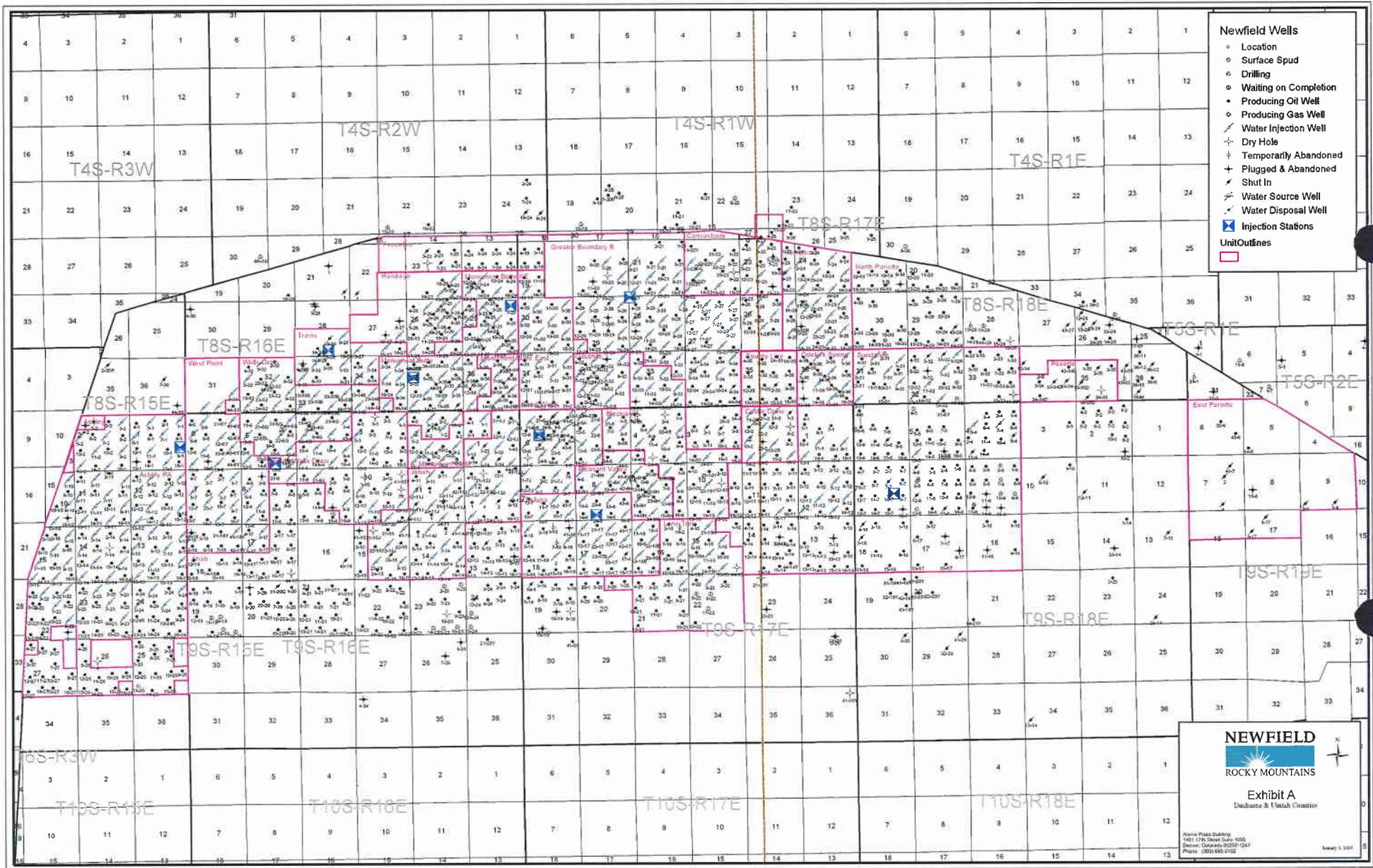
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

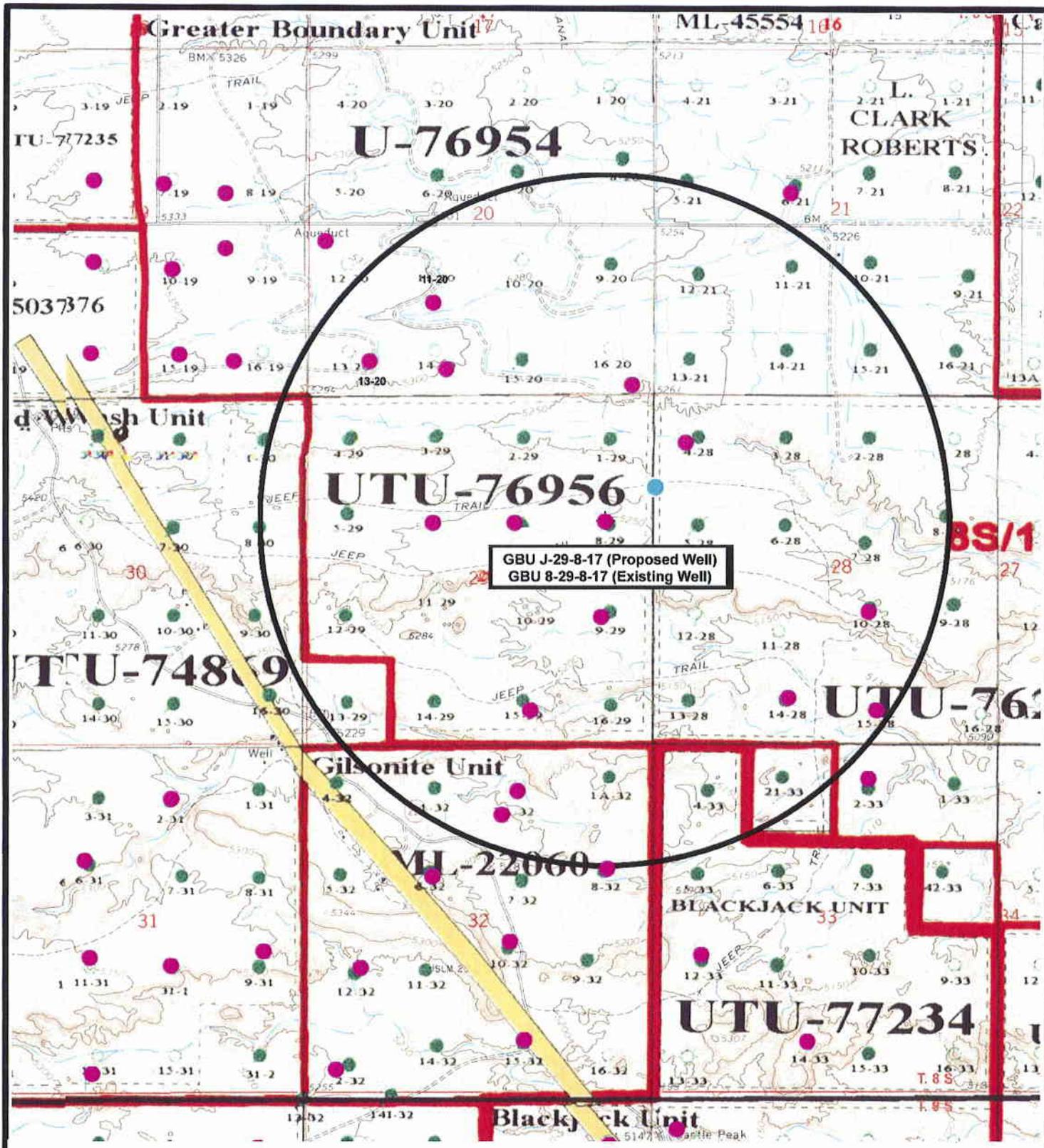
SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 06-18-2008

Legend

— Roads

TOPOGRAPHIC MAP
"C"





GBU J-29-8-17 (Proposed Well)
 GBU 8-29-8-17 (Existing Well)



Greater Boundary J-29-8-17 (Proposed Well)
Greater Boundary 8-29-8-17 (Existing Well)
 Pad Location SENE SEC. 29, T8S, R17E, S.L.B.&M.



Tri-State
Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
 DRAWN BY: JAS
 DATE: 10-16-2008

Legend

- Pad Location
- Bottom Hole Location
- One-Mile Radius

Exhibit "B"

2-M SYSTEM
Blowout Prevention Equipment Systems

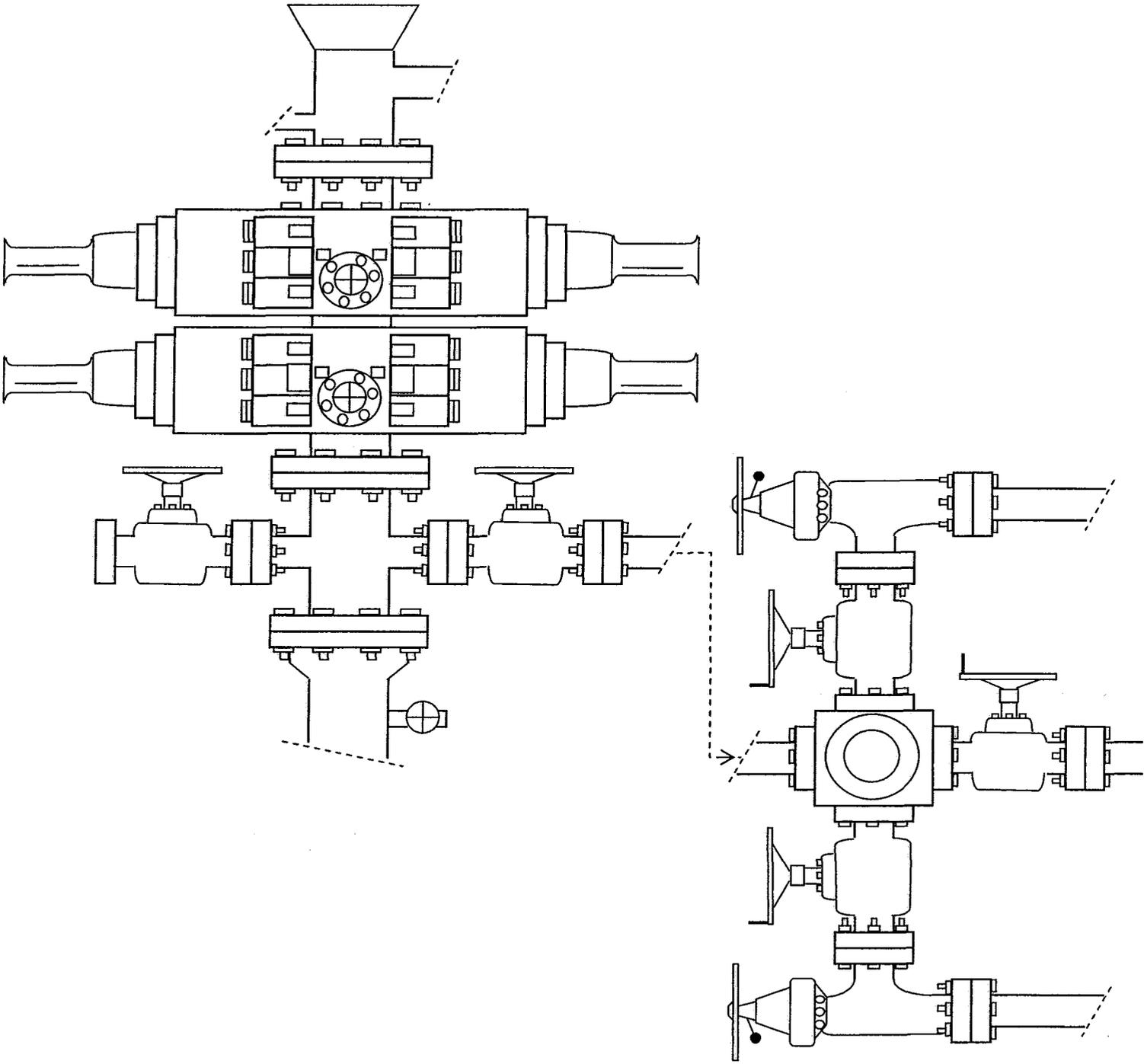


EXHIBIT C

Exhibit Du

895

A CULTURAL RESOURCES SURVEY OF
TAR SANDS FEDERAL WELLS #1-29, #8-29,
AND ACCESS ROADS, DUCHESNE COUNTY, UTAH

by

Heather M. Weymouth
Senior Archaeologist

and

Sarah E. Cowie
Archaeologist

Prepared for:

Inland Production Company
P.O. Box 1446
Roosevelt, Utah 84066

Prepared by:

Sagebrush Consultants, L.L.C.
3670 Quincy Avenue, Suite 203
Ogden, Utah 84403

Under Authority of Cultural Resources Use Permit No. 95UT54630

and

Under Authority of Utah State Antiquities Permit No. U-96-SJ-0477b

Archaeological Report No. 895-01

August 29, 1996

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 12/08/2008

API NO. ASSIGNED: 43-013-34151

WELL NAME: GB II FED J-29-8-17
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:
 SENE 29 080S 170E
 SURFACE: 1956 FNL 0662 FEL
 BOTTOM: 1355 FNL 0025 FEL
 COUNTY: DUCHESNE
 LATITUDE: 40.09088 LONGITUDE: -110.0225
 UTM SURF EASTINGS: 583328 NORTHINGS: 4438091
 FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-76956
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

Plat
 Bond: Fed[1] Ind[] Sta[] Fee[]
 (No. WYB000493)

Potash (Y/N)
 Oil Shale 190-5 (B) or 190-3 or 190-13
 Water Permit
 (No. 43-7478)

RDCC Review (Y/N)
 (Date: _____)

Fee Surf Agreement (Y/N)

Intent to Commingle (Y/N)

LOCATION AND SITING:

R649-2-3.
 Unit: GREATER BOUNDARY#(GR)

R649-3-2. General
 Siting: 460 From Qtr/Qtr & 920' Between Wells

R649-3-3. Exception

Drilling Unit
 Board Cause No: 225-04
 Eff Date: 9-22-2004
 Siting: Suspends General Siting

R649-3-11. Directional Drill

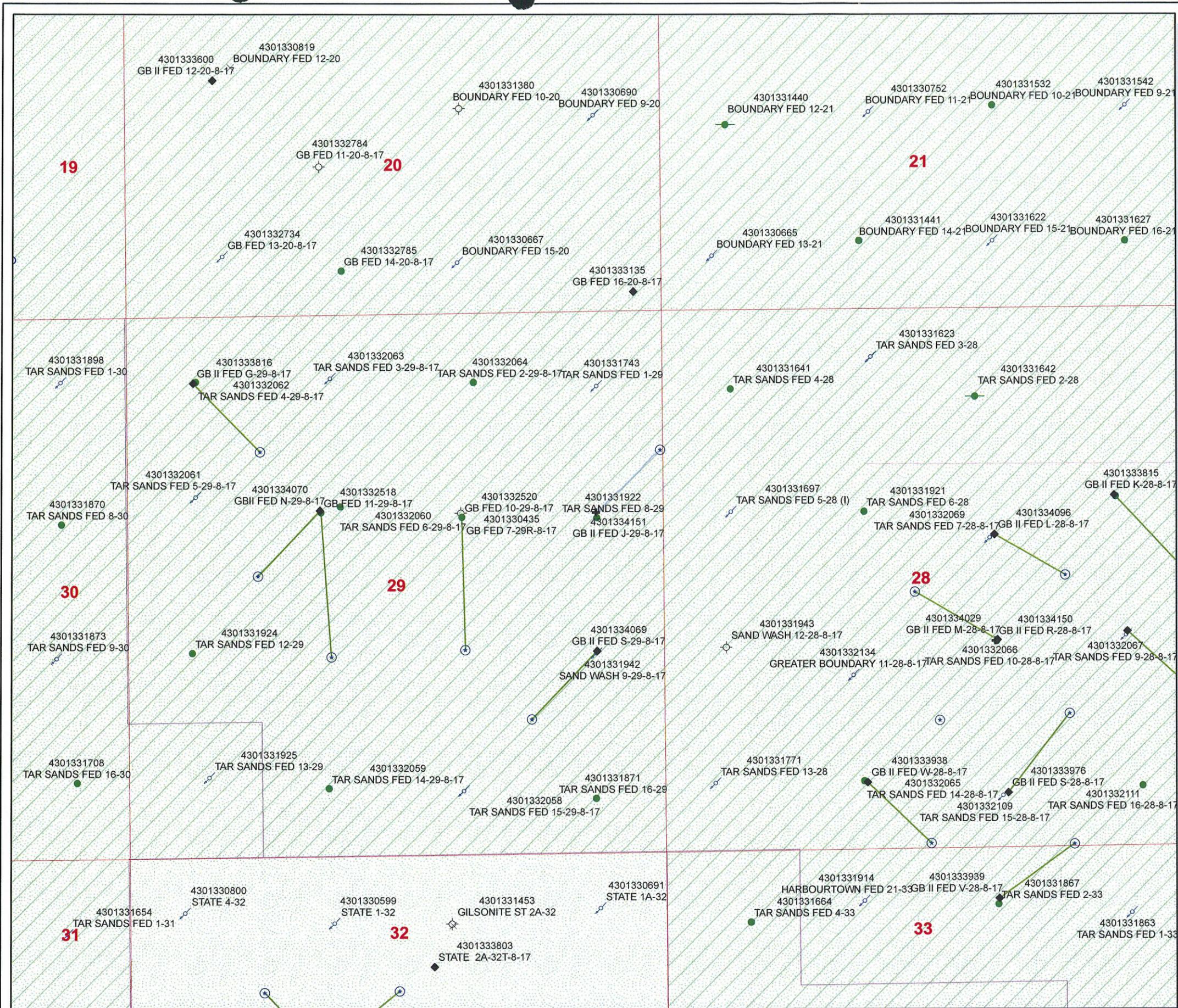
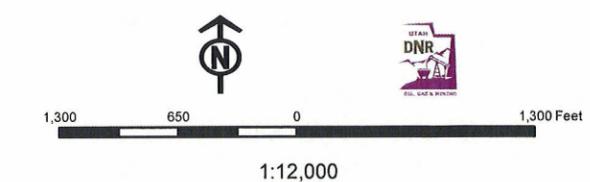
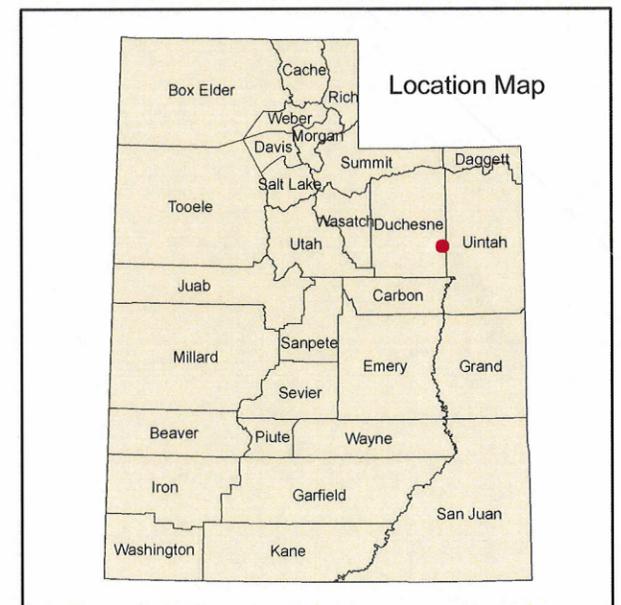
COMMENTS: Sip, Separate Rte,

STIPULATIONS: 1. Sealed Approval

API Number: 4301334151
Well Name: GB II FED J-29-8-17
Township 08.0 S Range 17.0 E Section 29
Meridian: SLBM
Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
 Map Produced by Diana Mason

- | | |
|---------------|---------------------------|
| Units | Wells Query Events |
| STATUS | ✗ <all other values> |
| ACTIVE | GIS_STAT_TYPE |
| EXPLORATORY | ◻ <Null> |
| GAS STORAGE | ◆ APD |
| NF PP OIL | ⊙ DRL |
| NF SECONDARY | ⊙ GI |
| PI OIL | ⊙ GS |
| PP GAS | ⊙ LA |
| PP GEOTHERML | ⊙ NEW |
| PP OIL | ⊙ OPS |
| SECONDARY | ⊙ PA |
| TERMINATED | ⊙ PGW |
| Fields | ⊙ POW |
| STATUS | ⊙ RET |
| ACTIVE | ⊙ SGW |
| COMBINED | ⊙ SOW |
| Sections | ⊙ TA |
| | ⊙ TW |
| | ⊙ WD |
| | ⊙ WI |
| | ⊙ WS |



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)

December 9, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2008 Plan of Development Greater Boundary II Unit,
Duchesne County, 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 2008 within the Greater Boundary II Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-34150	GB II Fed R-28-8-17 Sec 28 T08S R17E 2011 FSL 1998 FEL BHL Sec 28 T08S R17E 1245 FSL 2553 FEL	
43-013-34151	GB II Fed J-29-8-17 Sec 29 T08S R17E 1956 FNL 0662 FEL BHL Sec 29 T08S R17E 1355 FNL 0025 FEL	

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File – Greater Boundary Unit II
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron



November 13, 2007

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

RE: Directional Drilling
Greater Boundary II Federal J-29-8-17
Greater Boundary II Unit
UTU-77098X
Surface Hole: T8S R17E, Section 29: SENE
1956' FNL 662' FEL
Bottom Hole: T8S R17E, Section 29
1355' FNL 25' FEL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated November 24, 2008, a copy of which is attached, for the above referenced well, 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 location and bottom hole location of this well are both within the boundaries of the Greater Boundary II Unit UTU-77098X. Newfield certifies that it is the Greater Boundary II Unit Operator and all lands within 460 feet of the entire directional well bore are within the Greater Boundary II Unit.

NPC is permitting this well as a directional well in order to minimize surface disturbance. By directionally drilling from the referenced surface location, NPC will be able to utilize the existing roads and pipelines in this area.

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 do not hesitate to contact the undersigned at 303-382-4444 or by email at reveland@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland
Land Associate

RECEIVED
DEC 15 2008
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No. UTU-76956	
6. If Indian, Allottee or Tribe Name NA	
7. If Unit or CA Agreement, Name and No. Greater Boundary II	
8. Lease Name and Well No. Greater Boundary II Federal J-29-8-17	
9. API Well No.	
1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	10. Field and Pool, or Exploratory Monument Butte
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone	11. Sec., T. R. M. or Blk. and Survey or Area Sec. 29, T8S R17E
2. Name of Operator Newfield Production Company	12. County or Parish Duchesne
3a. Address Route #3 Box 3630, Myton UT 84052	13. State UT
3b. Phone No. (include area code) (435) 646-3721	
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface SE/NE 1956' FNL 662' FEL At proposed prod. zone 1355' FNL 25' FEL	
14. Distance in miles and direction from nearest town or post office* Approximately 10.5 miles southeast of Myton, UT	
15. Distance from proposed* location to nearest property or lease line, ft. Approx. 25' f/lse, 3925' f/unit (Also to nearest drig. unit line, if any)	16. No. of acres in lease 600.00
17. Spacing Unit dedicated to this well 20 Acres	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1260'	19. Proposed Depth 6,515'
20. BLM/BIA Bond No. on file WYB000493	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5257' GL	22. Approximate date work will start* 1st Oct. 2009
23. Estimated duration (7) days from SPUD to rig release	
24. Attachments	

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

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

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 11/24/08
Title Regulatory Specialist		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

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

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

(Continued on page 2)

*(Instructions on page 2)

RECEIVED

DEC 15 2008

DIV. OF OIL, GAS & MINING



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
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

December 22, 2008

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Greater Boundary II Federal J-29-8-17 Well, Surface Location 1956' FNL, 662' FEL, SE NE, Sec. 29, T. 8 South, R. 17 East, Bottom Location 1355' FNL, 25' FEL, SE NE, Sec. 29, T. 8 South, R. 17 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

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. The API identification number assigned to this well is 43-013-34151.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal Field Office



Operator: Newfield Production Company
Well Name & Number Greater Boundary II Federal J-29-8-17
API Number: 43-013-34151
Lease: UTU-76956

Surface Location: SE NE Sec. 29 T. 8 South R. 17 East
Bottom Location: SE NE Sec. 29 T. 8 South R. 17 East

Conditions of Approval

1. 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.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

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

5. 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.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76956
---	--

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
--	---

1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: GB II FED J-29-8-17
------------------------------------	--

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013341510000
--	---

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: 1956 FNL 0662 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 29 Township: 08.0S Range: 17.0E Meridian: S	COUNTY: DUCHESNE STATE: UTAH
---	---

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 12/18/2009	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:

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

Newfield requests to extend the permit to drill this well for one more year.

Approved by the
 Utah Division of
 Oil, Gas and Mining

Date: December 21, 2009
 By: 

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A		DATE 12/17/2009



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013341510000

API: 43013341510000

Well Name: GB II FED J-29-8-17

Location: 1956 FNL 0662 FEL QTR SENE SEC 29 TWNP 080S RNG 170E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 12/22/2008

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

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

Approved by the Utah Division of Oil, Gas and Mining

Signature: Mandie Crozier

Date: 12/17/2009

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY

Date: December 21, 2009

By:

[Handwritten signature]



Spud
BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross Rig # 29
 Submitted By Ryan Crum Phone Number 823-7065
 Well Name/Number Greater Boundary11 Fed. J-29-8-17
 Qtr/Qtr SE/NE Section 29 Township 8s Range 17e
 Lease Serial Number UTU-76956
 API Number 43-013-34151

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

Date/Time 10/6/10 8:00 AM PM

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

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

Date/Time 10/6/10 2:00 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

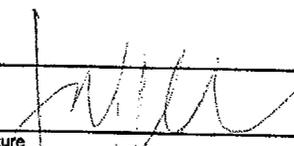
OPERATOR: NEWFIELD PRODUCTION COMPANY
 ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

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 ✓	4301350198	HAWKEYE FEDERAL X-26-8-16	NENW	35 28	8S	16E	DUCHESNE	10/11/2010	10/12/10
WELL 1 COMMENTS: GRRV											
B	99999	17400 ✓	4301334151	GB II FEDERAL J-29-8-17	SENE	29	8S	17E	DUCHESNE	10/6/2010	10/12/10
GRRV BHL = SENE											
WELL 5 COMMENTS:											
WELL 5 COMMENTS:											

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)

RECEIVED
 OCT 11 2010


 Signature Jentri Park
 Production Clerk
 Date 10/11/10

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

DIV. OF OIL, GAS & MINING

RECEIVED
VERNAL FIELD OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-76956
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name NA
2. Name of Operator Newfield Production Company		7. Unit or CA Agreement, Name and No. Greater Boundary II Mon. Butte
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Greater Boundary II Federal J-29-8-17
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SE/NE 1956' FNL 662' FEL At proposed prod. zone 1355' FNL 25' FEL S ENE		9. API Well No. 43 013 34151
14. Distance in miles and direction from nearest town or post office* Approximately 10.5 miles southeast of Myton, UT		10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. Approx. 25' f/lse, 3925' f/unit (Also to nearest drig. unit line, if any)		11. Sec., T. R. M. or Blk. and Survey or Area Sec. 29, T8S R17E
16. No. of acres in lease 600.00	17. Spacing Unit dedicated to this well 20 Acres	12. County or Parish Duchesne
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1260'	19. Proposed Depth 6,515'	13. State UT
20. BLM/BIA Bond No. on file WYB000493	21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5257' GL	22. Approximate date work will start* 1st quarter 2009
23. Estimated duration (7) days from SPUD to rig release		24. Attachments

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

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

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 11/24/08
Title Regulatory Specialist		
Approved by (Signature) <i>James H. Sparger</i>	Name (Printed/Typed) James H. Sparger	Date SEP 17 2010
Title Acting Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

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

(Continued on page 2)

*(Instructions on page 2)

UDOGM

NOS 10/20/08

AFMSS# 09SXS0048A

NOTICE OF APPROVAL

RECEIVED

OCT 14 2010

DIV. OF OIL, GAS & MINING

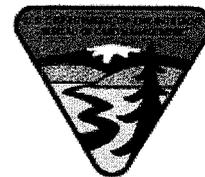


UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	Newfield Production Company	Location:	SENE, Sec. 29, T8S, R17E
Well No:	Greater Boundary II Federal J-29-8-17	Lease No:	UTU-76956
API No:	43-013-34151	Agreement:	Greater Monument Butte Unit

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

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

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

NOTIFICATION REQUIREMENTS

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

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- Construction and drilling is not allowed from March 1 – August 1 to minimize impacts during ferruginous hawk nesting.
- If it is anticipated that construction or drilling will occur during the given timing restriction, a BLM or qualified biologist shall be notified so surveys can be conducted. Depending upon the results of the surveys, permission to proceed may or may not be recommended or granted by the BLM biologist.
- A hospital muffler will be used on the pump-jack upon completion in order to reduce noise levels for nesting raptors in the area.
- Reinitiation of section 7 consultation with the USFWS will be sought immediately if any loss of plants or occupied habitat for Pariette cactus or Uinta Basin hookless cactus is anticipated as a result of project activities.
- Prior to construction, an invasive plants/noxious weeds inventory will be completed for all areas where surface disturbance will occur, and a completed Weed Inventory Form will be submitted to the BLM Authorized Officer.

Reclamation

- Reclamation will be completed in accordance with the Newfield Exploration Company Castle Peak and Eight Mile Flat Reclamation Plan on file with the Vernal Field Office of the BLM.

Seed Mix (Interim and Final Reclamation)

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirreltail grass	<i>Elymus elymoides</i>	2.0	1/4 - 1/2"
Bluebunch wheatgrass	<i>Pseudoroegneria spicata</i>	1.0	1/2"
Shadscale saltbush	<i>Atriplex confertifolia</i>	2.0	1/2"
Four-wing saltbush	<i>Atriplex canescens</i>	3.0	1/2"
Gardner's saltbush	<i>Atriplex gardneri</i>	1.0	1/2"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	1.0	1/8 - 1/4"

- All pounds are pure live seed.
- All seed and mulch will be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.

Monitoring and Reporting

- The operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) that designates the proposed site-specific monitoring and reference sites chosen for the location. A description of the proposed sites shall be included, as well as a map showing the locations of the proposed sites.
- The operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) 3 growing seasons after reclamation efforts have occurred evaluating the status of the reclaimed areas in order to determine whether the BLM standards set forth in the Green River District Reclamation Guidelines have been met (30% or greater basal cover).

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

SITE SPECIFIC DOWNHOLE COAs:

- Newfield Production Co. shall adhere to all referenced requirements in the SOP (version: June 24, 2008)) along with all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal Onshore Oil and Gas Orders.

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

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

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4.

Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-76956
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or GMBU
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Section 29 T8S R17E		8. Well Name and No. GRTR BNDRY II J-29-8-17
		9. API Well No. 4301334151
		10. Field and Pool, or Exploratory Area GREATER MB UNIT
		11. County or Parish, State DUCHESNE, UT

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

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

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

On 10/6/10 MIRU Ross # 29. Spud well @ 11:00am. Drill 340' of 12 1/4" hole with air mist. TIH W/ 8 Jt's 8 5/8" J-55 24 # csgn. Set @ 342.84' On 10/9/10 cement with 170 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 5 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Don Bastian	Title Drilling Foreman
Signature <i>Don Bastian</i>	Date 10/12/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

(Instructions on page 2)

RECEIVED

OCT 18 2010

DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-76956

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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.

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
GRTR BNDRY II J-29-8-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301334151

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: 1956 FNL 0662 FEL

COUNTY: DUCHESNE

5. OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: , 29, T8S, R17E

STATE: UT

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 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/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: - Weekly Status Report
	<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.
The above subject well was completed on 11-24-10, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE 

DATE 11/29/2010

(This space for State use only)

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DEC 02 2010
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

GRTR BNDRY II J-29-8-17

9/1/2010 To 1/30/2011

11/11/2010 Day: 1

Completion

Rigless on 11/11/2010 - CBL/Perforate 1st stage. - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6547' & cement top @ surface. Perforate stage #1, BSL sds @ (6458'-64') w/ 3 1/8" Port plug guns (11 gram .36" EH 16.82" pen) w/ 3 spf for total of 18 shots. CP5 sds @ (6411'-16') w/ 3 1/8" Port plug guns (11 gram .36" EH 16.82" pen) w/ 3 spf for total of 15 shots. CP5 sds @ (6376'-78") w/ 3 1/8" Port plug guns (11 gram .36" EH 16.82" pen) w/ 3 spf for total of 6 shots. RD H/O truck & The Perforators WLT & mast. Wait on frac crew EWTR 157 BBLs

Daily Cost: \$0

Cumulative Cost: \$16,439

11/18/2010 Day: 2

Completion

Rigless on 11/18/2010 - Frac well. Flow well back. - Stage #4: RU WLT. RIH w/ frac plug & perf guns. Set plug @ 5570'. Perforate B1 sds w/ 3 spf for total of 18 shots. RU BJ & open well w/ 1565 psi on casing. Perfs broke down @ 2494 psi back to 1587 psi w/ 2 bbls of @ 3 bpm. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 15,166#'s of 20/40 sand in 290 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2509 w/ ave rate of 25 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1891 w/ .78FG. 5 min was 1624. 10 min was 1579. 15 min was 1544. Leave pressure on well. 1899 bbls EWTR. - Stage #6: RU WLT. RIH w/ frac plug & perf guns. Set plug @ 4835'. Perforate GB6/4 sds w/ 3 spf for total of 30 shots. RU BJ & open well w/ 1338 psi on casing. Perfs broke down @ 1683 psi back to 1693 psi w/ 2 bbls of @ 3 bpm. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 39,644#'s of 20/40 sand in 403 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2836 w/ ave rate of 42 bpm w/ 8 ppg of sand. ISIP was 2055 w/ .87FG. 5 min was 1758. 10 min was 1671. 15 min was 1601. RD BJ & WLT. 2923 bbls EWTR. Flow well back. Well flowed for 5 hours & turned to oil. SIFN w/ 2123 bbls EWTR. - Stage #5: RU WLT. RIH w/ frac plug & perf guns. Set plug @ 5420'. Perforate C sds w/ 3 spf for total of 27 shots. RU BJ & open well w/ 1430 psi on casing. Perfs broke down @ 2324 psi back to 1968 psi w/ 2 bbls of @ 3 bpm. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 75,433#'s of 20/40 sand in 621 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2515 w/ ave rate of 42 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2327 w/ .87FG. 5 min was 1949. 10 min was 1706. 15 min was 1554. Leave pressure on well. 2520 bbls EWTR. - Stage #3: RU WLT. RIH w/ frac plug & perf guns. Set plug @ 5840'. Perforate A3 sds w/ 3 spf for total of 18 shots. RU BJ & open well w/ 1815 psi on casing. Perfs broke down @ 2013 psi back to 1973 psi w/ 2 bbls of @ 3 bpm. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 9786#'s of 20/40 sand in 303 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2557 w/ ave rate of 22 bpm w/ 4 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1855 w/ .76FG. 5 min was 1695. 10 min was 1674. 15 min was 1665. Leave pressure on well. 1609 bbls EWTR. - Stage #1: RU BJ Services "Ram Head" frac flange. RU BJ & open well w/ 380 psi on casing. Perfs broke down @ 2824 psi back to 2233 psi w/ 3 bbls of @ 4 bpm. ISIP was 1935 w/ .74FG. 1 min was 1662. 4 min was 1396. Pump 6 bbls of 15% HCL acid (rec'd 300 psi loss when hit perfs). Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 74,763#'s of 20/40 sand in 678 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3021 w/ ave rate of 41 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2955 w/ .89FG. 5 min was 2641. 10 min was 2403. 15 min was 2244. Leave pressure on well. 835 bbls EWTR. -

Stage #2: RU Perforators LLC WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & perf guns. Set plug @ 6325'. Perferate CP4/.5 sds w/ 3-1/8" Port Guns (11 gram, .36"EH, 120°, 16.82"pen) w/ 3 spf for total of 21 shots. RU BJ & open well w/ 2110 psi on casing. Perfs broke down @ 3571 psi back to 2470 psi w/ 20 bbls of @ 7 bpm. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 20,229#'s of 20/40 sand in 471 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3452 w/ ave rate of 35 bpm w/ 4 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2172 w/ .79FG. 5 min was 1993. 10 min was 1974. 15 min was 1945. Leave pressure on well. 1306 bbls EWTR.

Daily Cost: \$0

Cumulative Cost: \$127,644

11/19/2010 Day: 3

Completion

Nabors #809 on 11/19/2010 - MIRUSU. Set kill plug. TIH w/ tbg. - MIRUSU. RU Hot Oiler & pump 20 bbls water down casing started @ 600 psi & climbed to 1050 psi. RU WLT w/ lubricator. RIH w/ weatherford 5-1/2" solid composite plug & set @ 4600'. Unload tbg onto racks w/ fork lift. RD Cameron BOP's & frac head. Instal 3M production tbg head & Schefer BOP's. RU 4-3/4" Chomp mill & x-over sub. Tally, drift, pickup & TIH w/ new J-55, 2-7/8", 6.5#, 8EUE tbg to leave EOT @ 4568'(146 jts). SIFN w/ 2123 bbls EWTR.

Daily Cost: \$0

Cumulative Cost: \$177,786

11/21/2010 Day: 4

Completion

Nabors #809 on 11/21/2010 - Drlg out plugs. - RU Swivel, pump & tanks. TIH w/ tbg. Drlg out kill plug. Continue TIH w/ tbg drlg out plugs. Tag fill @ 6450'. C/O to PBDT @ 6532'. LD 4 jts tbg. Leave EOT @ 6464'. SIFN w/ 2075 bbls EWTR.

Daily Cost: \$0

Cumulative Cost: \$183,932

11/23/2010 Day: 5

Completion

Nabors #809 on 11/23/2010 - Circulated well with 180 bbls of brine. Tripped tubing out of hole and lay down bit, bit sub, and PSN. Run in hole with tubing as detailed. Set TAC @ 6226.21' with 180,000 lbs tension. Shut well in for night. 1895 BWTR. - Thaw BOPs and tubing. SICP at 450 psi and SITP at 450 psi. Rig up flow tee and flow back 180 bbls of water. Pump 20 bbls water down tubing to kill the well. Run in hole with tubing and tag @ 6582'. No new fill. Circulate well with 180 bbls of brine to kill the well. Lay down 9 joints 2-7/8" J-55 tubing. Lay down 9 joints 2-7/8" J-55 tubing. Trip out of hole with 8 joints to make up BHA. Trip out of hole with 195 joints 2-7/8" J-55 tubing. Lay down bit, bit sub, and PSN. Run into hole with tubing as detailed. Rig down workflow and equipment. Nipple down BOPs. Set TAC @ 6226.21' with 180,000 lbs tension. Nipple up B-1 adapter and flowtee. Shut in well for night. Drain pump and lines. 1895 BWTR.

Daily Cost: \$0

Cumulative Cost: \$187,646

11/24/2010 Day: 6

Completion

Nabors #809 on 11/24/2010 - Ran in hole with rods as detailed. Picked up polish rod and seated pump. Filled tubing with water and rigged up pumping unit. PWOP. - SICP at 200 psi and SITP at 0 psi. Pick up and prime Central Hydraulic RHAC pump. Pick up, make up, and run

in hole with (4) 1-1/2" sinker bars, (244) 7/8" 8per guided rods, and (2) 7/8" pony rods. Pick up polish rod and seat pump. Fill tubing with 3 bbls of water. Rig up pumping unit and stroke test to 800 psi. Pump tested good. Rig down rig and load up equipment. Clean up location and move off. PWOP @ 13:30 on 11/23/10 with 144" SL and 4.5 SPM. 1895 BWTR. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$234,306

Pertinent Files: Go to File List

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.
UTU-76956

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
GMBU

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

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

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

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

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

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

At surface 1956' FNL & 662' FEL (SE/NE) SEC. 29, T8S, R17E (UTU-76956)

At top prod. interval reported below 1429' FNL & 109' FEL (SE/NE) SEC. 29, T8S, R17E (UTU-76956)

At total depth 1198' FNL & 136' FWL (NW/NW) SEC. 28, T8S, R17E (UTU-76241)

8. Lease Name and Well No.
GRTR BNDRY II J-29-8-17

9. AFI Well No.
43-013-34151

10. Field and Pool or Exploratory
GREATER MB UNIT

11. Sec., T., R., M., on Block and Survey or Area
SEC. 29, T8S, R17E

12. County or Parish
DUCHESNE

13. State
UT

14. Date Spudded
10/06/2010

15. Date T.D. Reached
11/05/2010

16. Date Completed 11/23/2010
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5257' GL 5269' KB

18. Total Depth: MD 6635'
TVD 6527'

19. Plug Back T.D.: MD 6547'
TVD 6440

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	343'		170 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6626'		300 PRIMLITE		00'	
						450 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@ 6394'	TA @ 6226'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	4652'	6464'	4652-6464'	.36"	153	
B)						
C)						
D)						

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	4652'	6464'	4652-6464'	.36"	153	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4652-6464'	Frac w/ 235021#s 20/40 sand in 1227 bbls of Lightning 17 fluid in 6 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
11/24/10	12/05/10	24	→	68	26	125			2-1/2" x 1-3/4" x 20' x 24' RHAC Pump

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
	SI		→					PRODUCING

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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.)

SOLD & 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

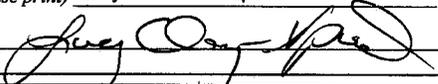
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GREEN RIVER	4652'	6464'		GARDEN GULCH MRK	4151'
				GARDEN GULCH 1	4350'
				GARDEN GULCH 2	4472'
				POINT 3	4762'
				X MRKR	4996'
				Y MRKR	5032'
				DOUGALS CREEK MRK	5168'
				BI CARBONATE MRK	5427'
				B LIMESTON MRK	5575'
				CASTLE PEAK	6049'
				BASAL CARBONATE	6478'
				WASATCH	6601'

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) Lucy Chavez-Naupoto Title Administrative Assistant
 Signature  Date 12/08/2010

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 29

J-29-8-17

Wellbore #1

Design: Actual

Standard Survey Report

04 November, 2010



PayZone Directional Services, LLC.

Survey Report



Company:	NEWFIELD EXPLORATION	Local Co-ordinate Reference:	Well J-29-8-17
Project:	USGS Myton SW (UT)	TVD Reference:	J-29-8-17 @ 5269.0ft (RIG #2)
Site:	SECTION 29	MD Reference:	J-29-8-17 @ 5269.0ft (RIG #2)
Well:	J-29-8-17	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM 2003.21 Single User Db

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

Site	SECTION 29, T8S R17E		
Site Position:		Northing:	7,204,529.47 ft
From:	Lat/Long	Easting:	2,051,571.00 ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	40° 5' 20.491 N
		Longitude:	110° 1' 49.208 W
		Grid Convergence:	0.94 °

Well	J-29-8-17, SHL LAT: 40 05 26.97, LONG: -110 01 23.81		
Well Position	+N-S	0.0 ft	Northing: 7,205,217.44 ft
	+E-W	0.0 ft	Easting: 2,053,533.71 ft
Position Uncertainty	0.0 ft	Wellhead Elevation:	5,269.0 ft
		Ground Level:	5,257.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2010/10/31	11.38	65.86	52,364

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	46.67

Survey Program	Date	2010/11/04		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
447.0	6,635.0	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
447.0	0.90	265.00	447.0	-0.3	-3.5	-2.8	0.20	0.20	0.00
479.0	0.79	269.00	479.0	-0.3	-4.0	-3.1	0.39	-0.34	12.50
510.0	0.80	276.80	510.0	-0.3	-4.4	-3.4	0.35	0.03	25.16
541.0	0.70	298.60	541.0	-0.2	-4.8	-3.6	0.97	-0.32	70.32
571.0	0.90	330.10	571.0	0.1	-5.1	-3.6	1.58	0.67	105.00
602.0	1.40	349.90	602.0	0.7	-5.2	-3.3	2.04	1.61	63.87
632.0	1.70	3.30	632.0	1.5	-5.3	-2.8	1.56	1.00	44.67
662.0	1.90	13.40	661.9	2.4	-5.1	-2.1	1.25	0.67	33.67
693.0	2.50	18.70	692.9	3.6	-4.8	-1.1	2.04	1.94	17.10
723.0	2.90	25.20	722.9	4.9	-4.3	0.2	1.68	1.33	21.67
754.0	3.30	29.30	753.8	6.3	-3.5	1.8	1.47	1.29	13.23
785.0	3.50	33.80	784.8	7.9	-2.5	3.6	1.08	0.65	14.52



PayZone Directional Services, LLC.

Survey Report



Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 29
 Well: J-29-8-17
 Wellbore: Wellbore #1
 Design: Actual

Local Co-ordinate Reference: Well J-29-8-17
 TVD Reference: J-29-8-17 @ 5269.0ft (RIG #2)
 MD Reference: J-29-8-17 @ 5269.0ft (RIG #2)
 North Reference: Grid
 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)
815.0	3.90	38.00	814.7	9.5	-1.4	5.5	1.61	1.33	14.00
846.0	4.20	42.70	845.6	11.1	0.0	7.7	1.44	0.97	15.16
877.0	4.70	48.70	876.5	12.8	1.7	10.1	2.20	1.61	19.35
908.0	5.20	54.50	907.4	14.5	3.8	12.7	2.28	1.61	18.71
940.0	5.70	59.10	939.3	16.1	6.4	15.7	2.07	1.56	14.38
972.0	6.20	58.80	971.1	17.8	9.2	19.0	1.57	1.56	-0.94
1,004.0	6.70	57.60	1,002.9	19.7	12.3	22.5	1.62	1.56	-3.75
1,035.0	7.10	56.70	1,033.7	21.8	15.4	26.1	1.34	1.29	-2.90
1,067.0	7.60	56.00	1,065.4	24.0	18.8	30.2	1.59	1.56	-2.19
1,099.0	8.00	53.40	1,097.1	26.5	22.4	34.5	1.67	1.25	-8.13
1,130.0	8.30	50.70	1,127.8	29.2	25.8	38.8	1.57	0.97	-8.71
1,162.0	8.80	48.30	1,159.5	32.3	29.4	43.6	1.92	1.56	-7.50
1,194.0	9.40	46.80	1,191.1	35.7	33.2	48.7	2.02	1.88	-4.69
1,225.0	9.80	46.30	1,221.6	39.3	36.9	53.8	1.32	1.29	-1.61
1,257.0	10.20	46.80	1,253.1	43.1	41.0	59.4	1.28	1.25	1.56
1,289.0	10.68	46.98	1,284.6	47.1	45.2	65.2	1.50	1.50	0.56
1,321.0	11.20	47.70	1,316.0	51.2	49.7	71.3	1.68	1.63	2.25
1,352.0	11.47	48.87	1,346.4	55.3	54.2	77.3	1.14	0.87	3.77
1,384.0	11.80	49.70	1,377.8	59.5	59.1	83.8	1.16	1.03	2.59
1,416.0	11.91	49.79	1,409.1	63.7	64.1	90.4	0.35	0.34	0.28
1,447.0	12.20	49.60	1,439.4	67.9	69.0	96.8	0.94	0.94	-0.61
1,479.0	12.50	49.50	1,470.7	72.3	74.3	103.7	0.94	0.94	-0.31
1,511.0	12.74	49.61	1,501.9	76.9	79.6	110.6	0.75	0.75	0.34
1,542.0	13.10	48.87	1,532.1	81.4	84.8	117.6	1.28	1.16	-2.39
1,574.0	13.23	48.95	1,563.3	86.2	90.3	124.8	0.41	0.41	0.25
1,606.0	13.45	48.73	1,594.4	91.1	95.9	132.2	0.71	0.69	-0.69
1,638.0	13.64	48.61	1,625.5	96.0	101.5	139.7	0.60	0.59	-0.38
1,669.0	13.70	48.30	1,655.6	100.9	107.0	147.0	0.31	0.19	-1.00
1,701.0	13.80	47.20	1,686.7	106.0	112.6	154.6	0.87	0.31	-3.44
1,733.0	14.02	46.36	1,717.8	111.2	118.2	162.3	0.93	0.69	-2.63
1,765.0	14.02	45.96	1,748.8	116.6	123.8	170.1	0.30	0.00	-1.25
1,797.0	14.08	45.36	1,779.9	122.0	129.4	177.9	0.49	0.19	-1.88
1,828.0	14.06	45.09	1,809.9	127.4	134.7	185.4	0.22	-0.06	-0.87
1,859.0	14.02	44.47	1,840.0	132.7	140.0	192.9	0.50	-0.13	-2.00
1,892.0	13.49	43.47	1,872.1	138.3	145.5	200.7	1.76	-1.61	-3.03
1,924.0	12.80	42.10	1,903.2	143.7	150.4	208.0	2.37	-2.16	-4.28
1,955.0	12.80	41.30	1,933.4	148.8	155.0	214.8	0.57	0.00	-2.58
1,986.0	12.90	41.40	1,963.7	154.0	159.5	221.7	0.33	0.32	0.32
2,018.0	12.90	41.90	1,994.9	159.3	164.3	228.8	0.35	0.00	1.56
2,050.0	12.60	43.20	2,026.1	164.5	169.1	235.9	1.30	-0.94	4.06
2,082.0	12.00	44.10	2,057.3	169.5	173.8	242.7	1.97	-1.88	2.81
2,113.0	11.60	43.80	2,087.7	174.0	178.2	249.0	1.31	-1.29	-0.97
2,145.0	11.30	44.00	2,119.0	178.6	182.6	255.4	0.95	-0.94	0.63
2,177.0	10.90	43.50	2,150.5	183.0	186.8	261.5	1.29	-1.25	-1.56
2,208.0	10.68	43.50	2,180.9	187.3	190.8	267.3	0.71	-0.71	0.00
2,240.0	10.68	44.90	2,212.3	191.5	195.0	273.2	0.81	0.00	4.38
2,272.0	10.30	46.40	2,243.8	195.6	199.1	279.0	1.46	-1.19	4.69
2,303.0	10.00	47.60	2,274.3	199.3	203.1	284.5	1.18	-0.97	3.87
2,335.0	10.20	47.30	2,305.8	203.1	207.3	290.1	0.65	0.63	-0.94
2,367.0	10.10	46.40	2,337.3	207.0	211.4	295.8	0.59	-0.31	-2.81
2,399.0	10.20	44.80	2,368.8	210.9	215.4	301.4	0.93	0.31	-5.00
2,430.0	10.40	42.80	2,399.3	214.9	219.2	306.9	1.32	0.65	-6.45
2,462.0	10.70	43.50	2,430.8	219.2	223.2	312.8	1.02	0.94	2.19
2,494.0	10.90	44.30	2,462.2	223.5	227.4	318.8	0.78	0.63	2.50



PayZone Directional Services, LLC.

Survey Report



Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 29
 Well: J-29-8-17
 Wellbore: Wellbore #1
 Design: Actual

Local Co-ordinate Reference: Well J-29-8-17
 TVD Reference: J-29-8-17 @ 5269.0ft (RIG #2)
 MD Reference: J-29-8-17 @ 5269.0ft (RIG #2)
 North Reference: Grid
 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)
2,525.0	11.12	45.80	2,492.7	227.7	231.6	324.7	1.17	0.71	4.84
2,557.0	11.40	46.90	2,524.0	232.0	236.1	330.9	1.10	0.88	3.44
2,589.0	11.60	45.90	2,555.4	236.4	240.7	337.3	0.88	0.63	-3.13
2,620.0	11.30	43.10	2,585.8	240.8	245.0	343.5	2.04	-0.97	-9.03
2,653.0	11.40	41.90	2,618.1	245.6	249.4	349.9	0.78	0.30	-3.64
2,684.0	11.50	42.40	2,648.5	250.1	253.6	356.1	0.45	0.32	1.61
2,716.0	11.70	44.40	2,679.9	254.8	258.0	362.5	1.40	0.63	6.25
2,747.0	11.70	46.40	2,710.2	259.2	262.5	368.8	1.31	0.00	6.45
2,779.0	11.43	47.63	2,741.6	263.6	267.1	375.2	1.14	-0.84	3.84
2,811.0	11.53	47.52	2,772.9	267.9	271.8	381.6	0.32	0.31	-0.34
2,843.0	11.07	48.16	2,804.3	272.1	276.5	387.8	1.49	-1.44	2.00
2,875.0	11.14	49.26	2,835.7	276.2	281.1	394.0	0.70	0.22	3.44
2,906.0	11.21	50.54	2,866.1	280.0	285.7	400.0	0.83	0.23	4.13
2,938.0	11.65	51.72	2,897.5	284.0	290.7	406.3	1.56	1.38	3.69
2,970.0	12.35	52.21	2,928.8	288.1	295.9	412.9	2.21	2.19	1.53
3,002.0	12.72	50.90	2,960.0	292.4	301.3	419.9	1.46	1.16	-4.09
3,033.0	12.96	48.43	2,990.2	296.9	306.6	426.7	1.93	0.77	-7.97
3,065.0	12.96	46.49	3,021.4	301.7	311.9	433.9	1.36	0.00	-6.06
3,097.0	12.70	46.40	3,052.6	306.6	317.0	441.0	0.81	-0.81	-0.28
3,128.0	11.69	45.75	3,082.9	311.2	321.7	447.6	3.29	-3.26	-2.10
3,160.0	11.73	45.96	3,114.3	315.7	326.4	454.1	0.18	0.13	0.66
3,191.0	11.38	45.09	3,144.6	320.0	330.8	460.3	1.26	-1.13	-2.81
3,223.0	11.16	43.68	3,176.0	324.5	335.2	466.5	1.10	-0.69	-4.41
3,254.0	11.38	44.12	3,206.4	328.9	339.4	472.6	0.76	0.71	1.42
3,286.0	11.94	45.59	3,237.8	333.5	344.0	479.0	1.98	1.75	4.59
3,318.0	12.08	46.98	3,269.1	338.1	348.8	485.7	1.00	0.44	4.34
3,349.0	12.08	49.61	3,299.4	342.4	353.6	492.2	1.78	0.00	8.48
3,381.0	12.22	51.36	3,330.7	346.7	358.8	498.9	1.23	0.44	5.47
3,413.0	12.70	52.86	3,361.9	350.9	364.3	505.8	1.81	1.50	4.69
3,444.0	13.32	54.27	3,392.1	355.0	369.9	512.7	2.25	2.00	4.55
3,476.0	14.06	54.67	3,423.2	359.4	376.0	520.2	2.33	2.31	1.25
3,508.0	13.36	51.50	3,454.3	364.0	382.1	527.7	3.21	-2.19	-9.91
3,540.0	12.70	49.88	3,485.5	368.6	387.7	534.9	2.36	-2.06	-5.06
3,571.0	12.79	49.66	3,515.7	373.0	392.9	541.8	0.33	0.29	-0.71
3,603.0	12.39	48.25	3,546.9	377.6	398.2	548.7	1.58	-1.25	-4.41
3,635.0	12.74	48.21	3,578.2	382.2	403.4	555.7	1.09	1.09	-0.13
3,666.0	13.00	48.70	3,608.4	386.8	408.5	562.6	0.91	0.84	1.58
3,698.0	12.90	48.80	3,639.6	391.5	413.9	569.7	0.32	-0.31	0.31
3,729.0	12.70	47.10	3,669.8	396.1	419.0	576.6	1.38	-0.65	-5.48
3,762.0	12.70	45.30	3,702.0	401.1	424.3	583.9	1.20	0.00	-5.45
3,793.0	12.70	43.50	3,732.2	406.0	429.0	590.7	1.28	0.00	-5.81
3,825.0	12.90	43.20	3,763.4	411.1	433.9	597.8	0.66	0.63	-0.94
3,857.0	12.74	41.70	3,794.6	416.4	438.7	604.8	1.15	-0.50	-4.69
3,889.0	12.50	43.70	3,825.9	421.5	443.4	611.8	1.56	-0.75	6.25
3,920.0	12.30	45.30	3,856.2	426.3	448.1	618.5	1.28	-0.65	5.16
3,952.0	12.30	46.20	3,887.4	431.0	453.0	625.3	0.60	0.00	2.81
3,984.0	12.70	47.20	3,918.7	435.8	458.0	632.2	1.42	1.25	3.13
4,017.0	12.70	47.70	3,950.9	440.7	463.4	639.5	0.33	0.00	1.52
4,048.0	12.20	47.40	3,981.1	445.2	468.3	646.1	1.63	-1.61	-0.97
4,080.0	11.50	47.00	4,012.4	449.7	473.1	652.7	2.20	-2.19	-1.25
4,112.0	10.80	45.80	4,043.8	453.9	477.6	658.9	2.30	-2.19	-3.75
4,144.0	10.20	44.90	4,075.3	458.0	481.8	664.7	1.94	-1.88	-2.81
4,175.0	10.15	44.92	4,105.8	461.9	485.6	670.2	0.16	-0.16	0.06
4,207.0	10.20	45.70	4,137.3	465.9	489.6	675.9	0.46	0.16	2.44



PayZone Directional Services, LLC.

Survey Report



Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 29
 Well: J-29-8-17
 Wellbore: Wellbore #1
 Design: Actual

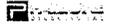
Local Co-ordinate Reference: Well J-29-8-17
 TVD Reference: J-29-8-17 @ 5269.0ft (RIG #2)
 MD Reference: J-29-8-17 @ 5269.0ft (RIG #2)
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.21 Single User Db

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)	
4,239.0	9.80	46.80	4,168.8	469.7	493.6	681.4	1.39	-1.25	3.44	
4,270.0	10.30	47.80	4,199.3	473.4	497.6	686.8	1.71	1.61	3.23	
4,301.0	10.60	47.70	4,229.8	477.2	501.8	692.4	0.97	0.97	-0.32	
4,333.0	10.90	48.10	4,261.3	481.2	506.2	698.4	0.97	0.94	1.25	
4,364.0	11.40	48.70	4,291.7	485.1	510.7	704.4	1.66	1.61	1.94	
4,395.0	11.90	49.20	4,322.0	489.3	515.4	710.7	1.65	1.61	1.61	
4,427.0	12.30	48.90	4,353.3	493.7	520.5	717.4	1.27	1.25	-0.94	
4,459.0	12.20	46.80	4,384.6	498.2	525.5	724.1	1.43	-0.31	-6.56	
4,491.0	12.30	44.50	4,415.9	503.0	530.4	730.9	1.56	0.31	-7.19	
4,523.0	12.40	43.70	4,447.1	507.9	535.1	737.8	0.62	0.31	-2.50	
4,554.0	12.00	43.50	4,477.4	512.6	539.7	744.3	1.30	-1.29	-0.65	
4,586.0	11.80	43.50	4,508.8	517.4	544.2	750.9	0.63	-0.63	0.00	
4,618.0	11.80	44.10	4,540.1	522.1	548.7	757.4	0.73	-0.63	1.88	
4,649.0	11.69	43.50	4,570.4	526.6	553.0	763.6	0.49	0.29	-1.94	
4,681.0	11.60	44.12	4,601.8	531.3	557.5	770.1	0.48	-0.28	1.94	
4,713.0	11.73	45.26	4,633.1	535.9	562.0	776.5	0.83	0.41	3.56	
4,744.0	11.22	46.45	4,663.5	540.2	566.5	782.7	1.81	-1.65	3.84	
4,776.0	11.03	47.02	4,694.9	544.4	571.0	788.9	0.69	-0.59	1.78	
4,808.0	10.77	49.35	4,726.3	548.4	575.5	794.9	1.60	-0.81	7.28	
4,840.0	10.63	50.54	4,757.8	552.2	580.0	800.9	0.82	-0.44	3.72	
4,871.0	9.98	50.45	4,788.3	555.8	584.3	806.4	2.10	-2.10	-0.29	
4,903.0	10.11	50.40	4,819.8	559.3	588.6	812.0	0.41	0.41	-0.16	
4,935.0	9.89	50.10	4,851.3	562.9	592.9	817.5	0.71	-0.69	-0.94	
4,967.0	9.71	50.10	4,882.8	566.4	597.0	822.9	0.56	-0.56	0.00	
4,998.0	10.06	51.06	4,913.4	569.8	601.2	828.3	1.25	1.13	3.10	
5,030.0	10.29	51.99	4,944.9	573.3	605.6	833.9	0.88	0.72	2.91	
5,062.0	10.33	52.91	4,976.3	576.8	610.1	839.6	0.53	0.13	2.88	
5,093.0	10.15	51.99	5,006.9	580.1	614.5	845.1	0.78	-0.58	-2.97	
5,125.0	9.71	50.84	5,038.4	583.6	618.8	850.6	1.51	-1.38	-3.59	
5,157.0	9.36	50.62	5,069.9	586.9	622.9	855.9	1.10	-1.09	-0.69	
5,189.0	9.05	52.42	5,101.5	590.1	626.9	861.0	1.32	-0.97	5.63	
5,220.0	8.75	52.69	5,132.1	593.0	630.7	865.7	0.98	-0.97	0.87	
5,252.0	9.05	51.46	5,163.8	596.1	634.6	870.7	1.11	0.94	-3.84	
5,284.0	9.54	49.66	5,195.3	599.3	638.6	875.8	1.78	1.53	-5.63	
5,315.0	9.84	50.14	5,225.9	602.7	642.6	881.0	1.00	0.97	1.55	
5,346.0	9.80	52.60	5,256.4	606.0	646.7	886.3	1.36	-0.13	7.94	
5,378.0	9.80	52.10	5,288.0	609.3	651.1	891.7	0.27	0.00	-1.56	
5,387.3	9.77	51.18	5,297.1	610.3	652.3	893.3	1.72	-0.35	-9.93	
J-29-8-17 TGT										
5,409.0	9.70	49.00	5,318.5	612.7	655.1	896.9	1.72	-0.31	-10.03	
5,441.0	8.90	45.10	5,350.1	616.2	658.9	902.1	3.18	-2.50	-12.19	
5,472.0	8.50	41.70	5,380.8	619.6	662.1	906.8	2.10	-1.29	-10.97	
5,504.0	8.40	41.60	5,412.4	623.1	665.2	911.5	0.32	-0.31	-0.31	
5,536.0	8.50	43.60	5,444.1	626.6	668.4	916.2	0.97	0.31	6.25	
5,568.0	8.50	43.10	5,475.7	630.0	671.7	920.9	0.23	0.00	-1.56	
5,600.0	8.50	43.70	5,507.4	633.4	674.9	925.6	0.28	0.00	1.88	
5,631.0	8.30	44.10	5,538.0	636.7	678.1	930.1	0.67	-0.65	1.29	
5,663.0	8.20	43.50	5,569.7	640.0	681.2	934.7	0.41	-0.31	-1.88	
5,695.0	8.60	40.90	5,601.4	643.5	684.4	939.4	1.72	1.25	-8.13	
5,726.0	9.10	38.90	5,632.0	647.1	687.4	944.1	1.89	1.61	-6.45	
5,758.0	9.70	37.60	5,663.6	651.2	690.7	949.3	1.99	1.88	-4.06	
5,789.0	10.30	37.00	5,694.1	655.5	693.9	954.6	1.96	1.94	-1.94	
5,821.0	11.00	38.00	5,725.5	660.2	697.5	960.4	2.26	2.19	3.13	
5,853.0	11.40	40.80	5,756.9	665.0	701.5	966.6	2.11	1.25	8.75	



PayZone Directional Services, LLC.
Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 29
Well: J-29-8-17
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well J-29-8-17
TVD Reference: J-29-8-17 @ 5269.0ft (RIG #2)
MD Reference: J-29-8-17 @ 5269.0ft (RIG #2)
North Reference: Grid
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)
5,885.0	11.50	42.80	5,788.3	669.8	705.7	972.9	1.28	0.31	6.25
5,917.0	11.20	44.30	5,819.7	674.3	710.0	979.2	1.32	-0.94	4.69
5,948.0	11.40	44.50	5,850.1	678.7	714.3	985.3	0.66	0.65	0.65
5,980.0	11.30	44.30	5,881.4	683.2	718.7	991.6	0.34	-0.31	-0.63
6,012.0	10.46	43.59	5,912.9	687.5	722.9	997.6	2.66	-2.63	-2.22
6,043.0	9.32	42.27	5,943.4	691.4	726.5	1,002.9	3.75	-3.68	-4.26
6,075.0	9.20	42.80	5,975.0	695.2	730.0	1,008.1	0.46	-0.38	1.66
6,107.0	9.80	42.90	6,006.5	699.1	733.6	1,013.3	1.88	1.88	0.31
6,138.0	10.50	43.90	6,037.1	703.0	737.4	1,018.8	2.33	2.26	3.23
6,170.0	10.80	44.60	6,068.5	707.3	741.5	1,024.7	1.02	0.94	2.19
6,202.0	10.60	45.00	6,099.9	711.5	745.7	1,030.6	0.67	-0.63	1.25
6,234.0	10.50	45.80	6,131.4	715.6	749.8	1,036.5	0.55	-0.31	2.50
6,265.0	10.59	46.17	6,161.9	719.5	753.9	1,042.2	0.36	0.29	1.19
6,297.0	10.90	46.80	6,193.3	723.6	758.2	1,048.1	1.04	0.97	1.97
6,329.0	10.50	46.70	6,224.8	727.7	762.6	1,054.1	1.25	-1.25	-0.31
6,360.0	10.00	46.80	6,255.3	731.5	766.6	1,059.6	1.61	-1.61	0.32
6,392.0	9.87	47.53	6,286.8	735.3	770.6	1,065.1	0.57	-0.41	2.28
6,424.0	9.27	48.34	6,318.3	738.8	774.6	1,070.4	1.92	-1.88	2.53
6,456.0	9.05	48.87	6,349.9	742.2	778.4	1,075.5	0.74	-0.69	1.66
6,487.0	9.05	49.16	6,380.5	745.4	782.1	1,080.4	0.15	0.00	0.94
6,519.0	8.53	49.70	6,412.2	748.6	785.8	1,085.3	1.65	-1.63	1.69
6,551.0	8.04	50.67	6,443.8	751.5	789.3	1,089.9	1.59	-1.53	3.03
6,565.0	7.73	52.16	6,457.7	752.7	790.8	1,091.8	2.65	-2.21	10.64
6,625.0	7.73	52.16	6,517.2	757.7	797.2	1,099.8	0.00	0.00	0.00
6,635.0	7.73	52.16	6,527.1	758.5	798.3	1,101.2	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
J-29-8-17 TGT	0.00	0.00	5,300.0	601.6	637.7	7,205,819.00	2,054,171.39	40° 5' 32.810 N	110° 1' 15.477 W
- hit/miss target									
- Shape									
- actual wellpath misses by 17.3ft at 5387.2ft MD (5297.1 TVD, 610.3 N, 652.3 E)									
- Circle (radius 75.0)									

Checked By: _____ Approved By: _____ Date: _____



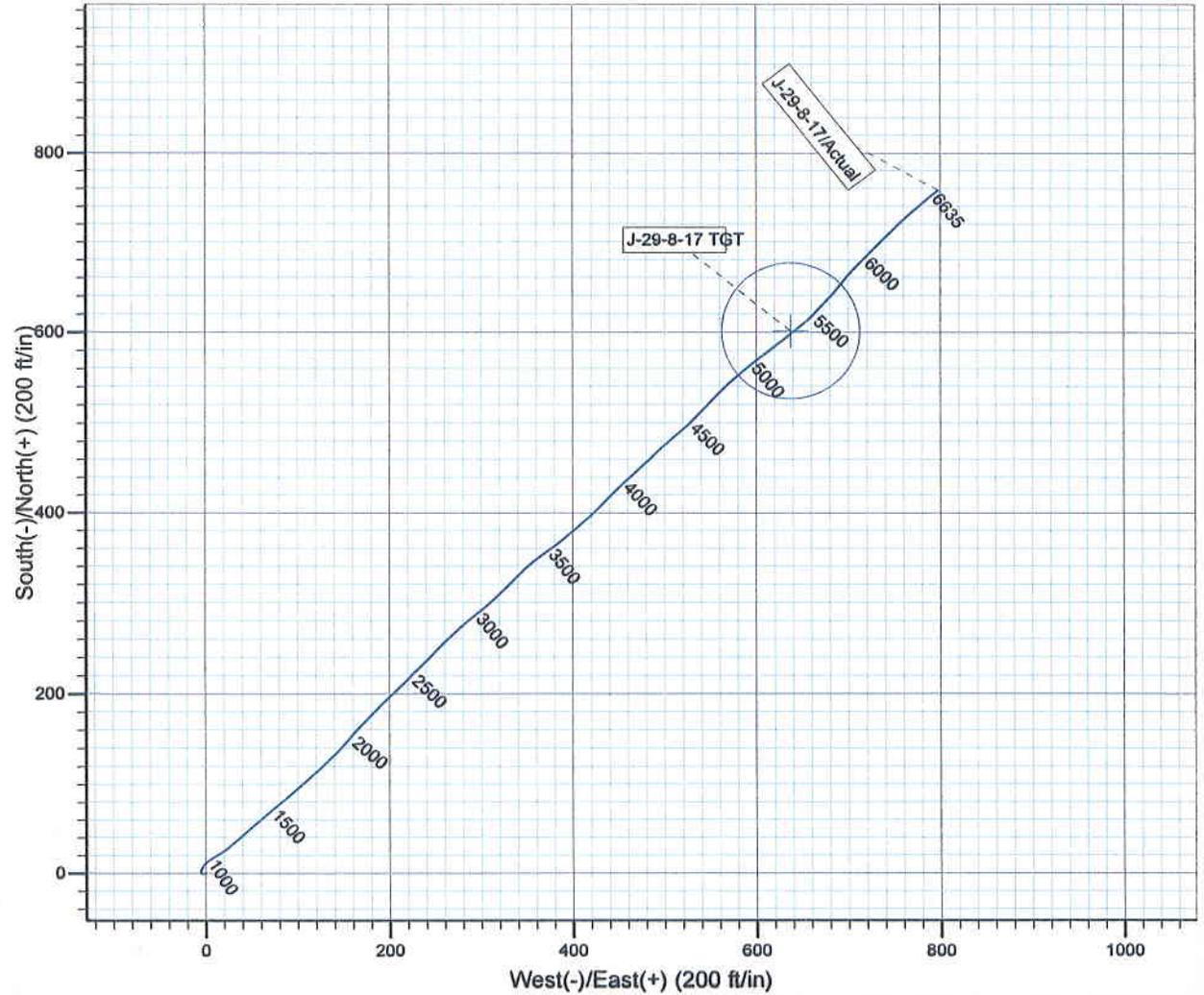
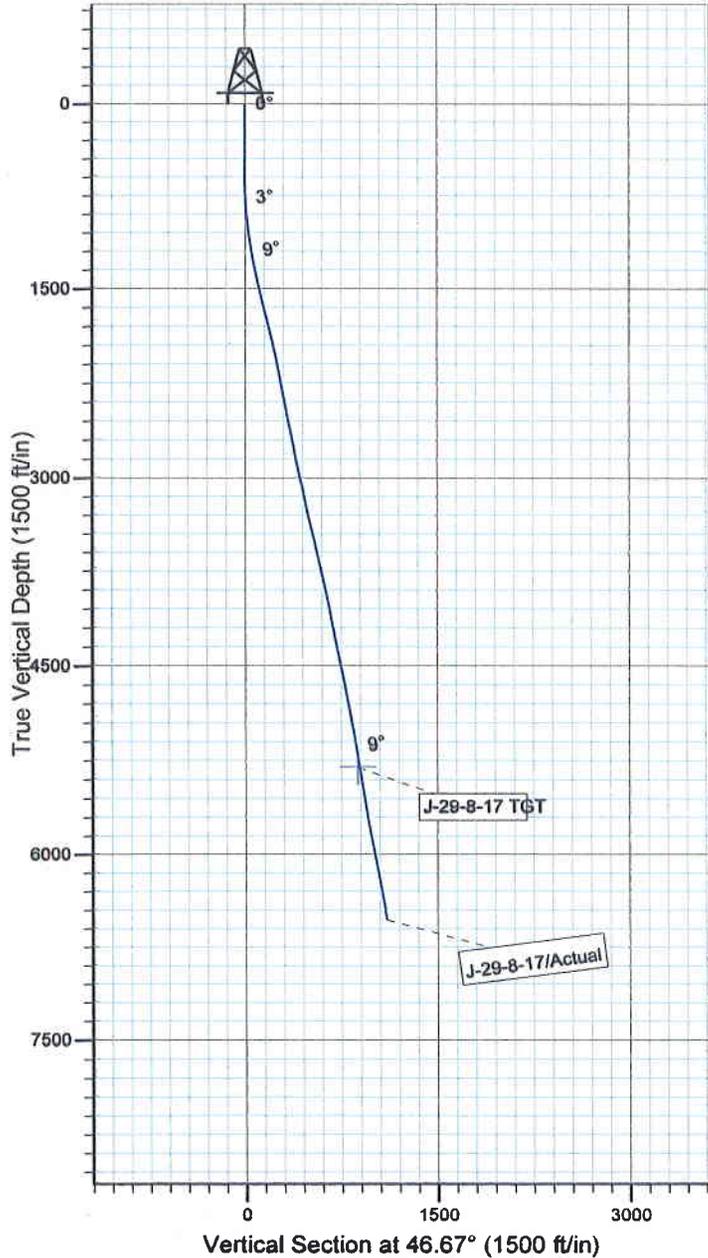
Project: USGS Myton SW (UT)
 Site: SECTION 29
 Well: J-29-8-17
 Wellbore: Wellbore #1
 SURVEY: Actual

FINAL SURVEY REPORT



Azimuths to Grid North
 True North: -0.95°
 Magnetic North: 10.44°

Magnetic Field
 Strength: 52364.4snT
 Dip Angle: 65.86°
 Date: 2010/10/31
 Model: IGRF2010



Design: Actual (J-29-8-17/Wellbore #1)



Created By: *Tom Hudson* Date: 19:01, November 04 2010
 THIS SURVEY IS CORRECT TO THE BEST OF MY
 KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

Daily Activity Report

Format For Sundry

GRTR BNDRY II J-29-8-17**8/1/2010 To 12/30/2010****GRTR BNDRY II J-29-8-17****Waiting on Cement****Date:** 10/11/2010

Ross #29 at 340. Days Since Spud - On 10/6/10 Spud W/ Ross Rig #29 and drilled 340' of 12 1/4" hole. P/U run 8 jts of 8 5/8" ,J-55,24# - ST&C Casing. Set At 342.84'/KB - On 10/9/10 Cemented W/ BJ Services with 170 sks of Class G + 2% calcium + .25# Cello - Flake Mixed @ 15.8 ppg W/1.17 yield Returned 5 bbls To Pit, Left 200 psi on Casing. - Notices Sent Via Email To BLM & State For Spud On 10/6/10 @ 11:00 AM & Casing Run On 11/7/10 @ 7:00 - AM

Daily Cost: \$0**Cumulative Cost:** \$44,243**GRTR BNDRY II J-29-8-17****Drill 7 7/8" hole with fresh water****Date:** 11/1/2010

NDSI #2 at 1288. 1 Days Since Spud - Accept Rig On 10/31/10 @ 15:00. r/u b&c Quick Test,Test Upper Kelly Valve,Safety Valve,Pipe Rams, - 10/31/10 MIRU Set Surface Equipment W/Marcus Liddell Trucking(8 mile Move From X-26-8-16) - Blind Rams,Choke Line & Manifold To 2000 psi For 10 Mins,And Surface Casing To 1500 psi For 30 Mins, - P/U BHA as follows,Smith 7 7/8" PDC,Hunting Mud Motor 7/8 4.8 Stage .33 Rev 1.5 Deg,1x30" NM Monel - Collar,1x3" Double Gap Sub,1x2" Index Sub,1x30' NM Monel Collar, Tag Cement @ 275' - P/U Kelly Gain Circ. Drill ,Plug, Baffel Plate,Cement From 275' To 355' - Drill 7 7/8" Hole From 355' To 1288' WOB 20,000,TRPM 168,GPM 344,AVG ROP 93.3 fph - No H2s Reported Last 24 Hrs. - Everything Tested Ok.

Daily Cost: \$0**Cumulative Cost:** \$95,487**GRTR BNDRY II J-29-8-17****Drill 7 7/8" hole with fresh water****Date:** 11/2/2010

NDSI #2 at 3695. 2 Days Since Spud - No H2s Reported Last 24 Hrs. - Drill 7 7/8" Hole From 3188' To 3695', WPM 344, AVG ROP 78 fph - Shut Well in,Circ Gas Out @ 3188' - Drill 7 7/8" Hole From 2300'To 3188',WOB 20,000 lbs,TRPM 168, GPM 344,AVG ROP 93.4 fph - Rig Service, Check Crown-A-Matic, Function Test Bops - Drill 7 7/8" Hole From 1288' To 2300',WOB 20,000 lbs,TRPM 168,GPM 344,AVG ROP 144.5 fph - Gas Kick @ 3188' With Traces Of Gilsonite Stringers.

Daily Cost: \$0**Cumulative Cost:** \$126,686**GRTR BNDRY II J-29-8-17****Drill 7 7/8" hole with fresh water****Date:** 11/3/2010

NDSI #2 at 5374. 3 Days Since Spud - Rig Service, Check Crown-A-Matic,Function Test Bop's (Bop Drill Hands In Place 1 min 45 sec.) - Well Flowing 2 Gal/Min @ 5374' - No H2s Reported Last 24 Hrs - Drill 7 7/8" Hole From 4266' To 5374',WOB 23,000 lbs,TRPM 168,GPM 344,AVG ROP 63.3 fph. - Drill 7 7/8" Hole From 3695' To 4266',WOB 20,000 lbs,TRPM 168,GPM 344,AVG ROP 95.1 fph

Daily Cost: \$0**Cumulative Cost:** \$168,826**GRTR BNDRY II J-29-8-17****Lay Down Drill Pipe/BHA**

Date: 11/4/2010

NDSI #2 at 6635. 4 Days Since Spud - Drill 7 7/8" Hole From 5374' To 5754'. Wob 20,000 lbs,TRPM 168, GPM 344, AVG ROP 54.2 fph - No H2s Reported Last 24 Hrs - Rig Service - Well Flowing 3 gal / min At TD 6635' - Drill 7 7/8" Hole From 5754' To 6635',WOB 20,000 LBS,TRPM 168,GPM 344,AVG ROP 67.7 fph - Circ Hole For Laydown & Logs - LDDP To 4000' - Circ Gas Out Of Hole

Daily Cost: \$0**Cumulative Cost:** \$202,104

GRTR BNDRY II J-29-8-17**Wait on Completion****Date:** 11/5/2010

NDSI #2 at 6635. 5 Days Since Spud - 6582'.4 jts will be transefered to Hawkeye Federal N-26-8-16. - R/U Marcus Liddell Casing Crew, Run 157 jts,5.5" J-55,15.5# LT&C Casing.Shoe @ 6626',Float Collar @ - R/U B&C Quick Test. Test 5 1/2" Pipe Rams To 2000# psi F/ 10 Mins. (P/U Jt DP Pull Plug Stuck) - LDDP & BHA & Directional Tools - R/u Phoenix Surveys Log Well W/ DISGL/SP/GR Suite From Loggers TD 6628' To Surface Casing And DSN/ - SDL/GR/CAL Suite From 6628' To 3000'. - Circ Gas Out Of Hole - R/U BJ Services Test Lines To 4000 psi,Pumped 300 sks of Lead Cement @ 11.0 ppg With 3.53 yield - (PL-II + 3%KCL + 5#CSE +0.5#CF +5#KOL +.5SMS + FP + SF) Then 450 sks Tail Cement @ 14.4 ppg w/1.24 - Returned 36 bbls to Pit. Bumped Plug To 2375 psi - Nipple Down Bop's, Set Slips With 90,000# Tension - Clean Mud Pits - Released Rig @ 02:30 AM 11/5/10 DB - Pump 260 bbls 10# Brine - yield (50:50:2 + 3% KCL +0.5% CE-1 +.25#CF +.05# SF +.3 SMS +FL-6L) Displaced W/156.7 bbls. **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$354,918

Pertinent Files: Go to File List