

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No. UTU-76241	
6. If Indian, Allottee or Tribe Name N/A	
7. If Unit or CA Agreement, Name and No. Greater Boundary II Unit	
8. Lease Name and Well No. Greater Boundary II Federal L-28-8-17	
9. API Well No. 43013-34096	
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. 28, 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 SW/NE 2222' FNL 2001' FEL At proposed prod. zone 2645' FSL 1300' FEL	
14. Distance in miles and direction from nearest town or post office* Approximatley 14.3 miles southeast of Myton, Utah	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 2635' f/lse, 3965' f/unit	16. No. of Acres in lease 1880.00
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. 1129'	19. Proposed Depth 6460'
20. BLM/BIA Bond No. on file WYB000493	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5196' GL	22. Approximate date work will start* 1st Quarter 2009
	23. Estimated duration Approximately seven (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, shall be attached to this form:

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 9/15/08
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 09-29-08
Title	Office ENVIRONMENTAL MANAGER	

Application approval does not warrant or certify the 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.

*(Instructions on reverse)

Surf
584529X
44380244
40.090154
-110.008460

BHL
584744X
44379044
40.089051
-110.005961

Federal Approval of this
Action is Necessary

RECEIVED

SEP 22 2008

DIV. OF OIL, GAS & MINING

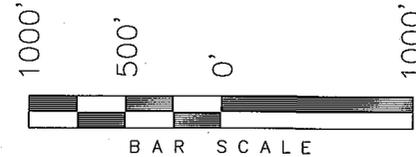
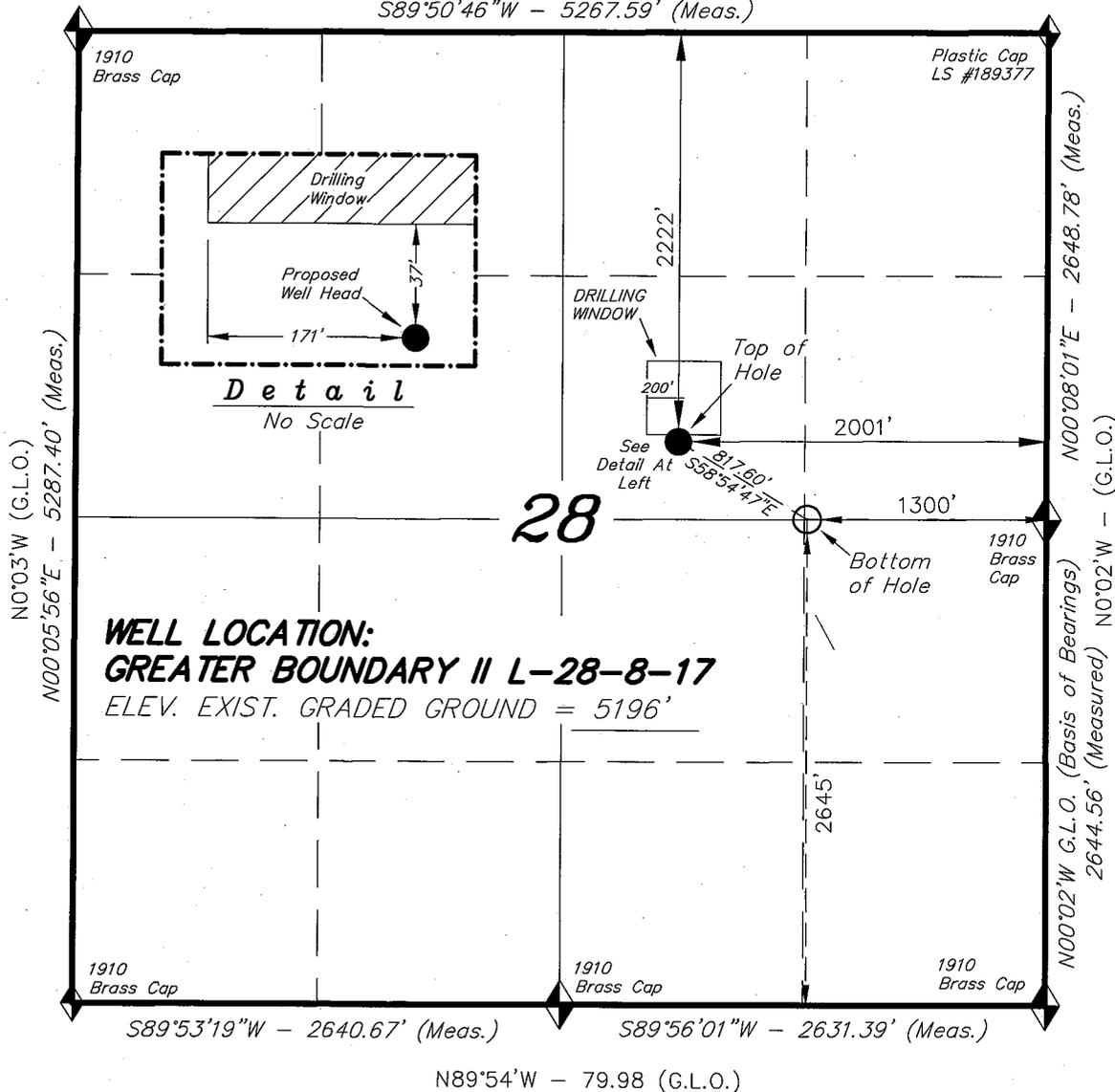
T8S, R17E, S.L.B.&M.

N89°50'W - 79.96 (G.L.O.)

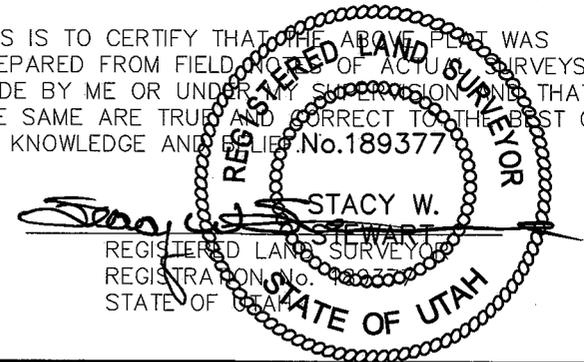
S89°50'46"W - 5267.59' (Meas.)

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, GREATER BOUNDARY II L-28-8-17, LOCATED AS SHOWN IN THE SW 1/4 NE 1/4 OF SECTION 28, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLOT 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 II L-28-8-17
(Surface Location) NAD 83
LATITUDE = 40° 05' 24.42"
LONGITUDE = 110° 00' 33.29"

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 07-10-08	SURVEYED BY: T.H.
DATE DRAWN: 07-24-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
GREATER BOUNDARY II FEDERAL L-28-8-17
AT SURFACE: SW/NE SECTION 28, 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' – 1728'
Green River	1728'
Wasatch	6460'

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

Green River Formation 1728' – 6460' - 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 L-28-8-17
AT SURFACE: SW/NE SECTION 28, 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 L-28-8-17 located in the SW 1/4 NE 1/4 Section 28, T8S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 9.8 miles \pm to it's junction with an existing dirt road to the east; proceed easterly - 0.6 miles \pm to it's junction with an existing dirt road to the northeast; proceed northeasterly - 1.4 miles \pm to it's junction with an existing dirt road to the northwest; proceed northwesterly - 0.7 miles \pm to it's junction with the beginning of the access road to the east; proceed easterly - 0.4 miles \pm to the existing Tar Sands Federal 7-28-8-17 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 7-28-8-17 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 7-28-8-17 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 L-28-8-17. 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 L-28-8-17 will be drilled off of the existing Tar Sands Federal 7-28-8-17 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**

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

None for the proposed Greater Boundary II Federal L-28-8-17.

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
Forage Kochia	<i>Kochia Prostrata</i>	0.20 lbs/acre

Details of the On-Site Inspection

The proposed Greater Boundary II Federal L-28-8-17 was on-sited on 8/13/08. The following were present; Kevan Stevens (Newfield Production), Michael Cutler (Bureau of Land Management), 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

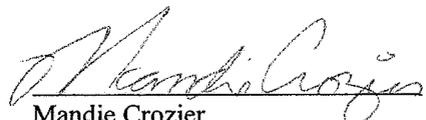
Name: Dave Allred
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #L-28-8-17 SW/NE Section 28, Township 8S, Range 17E: Lease UTU-76241 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.

9/15/08
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD

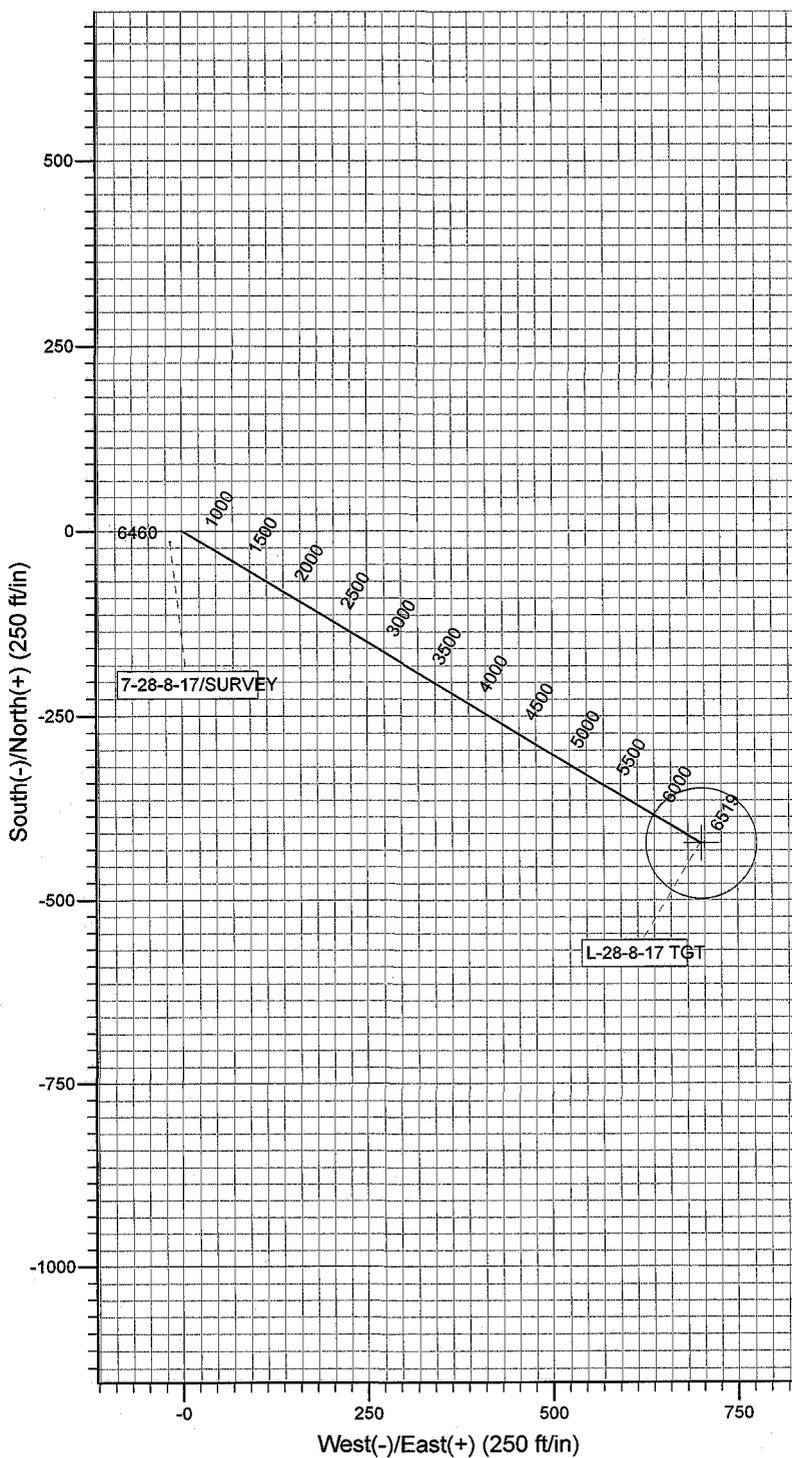
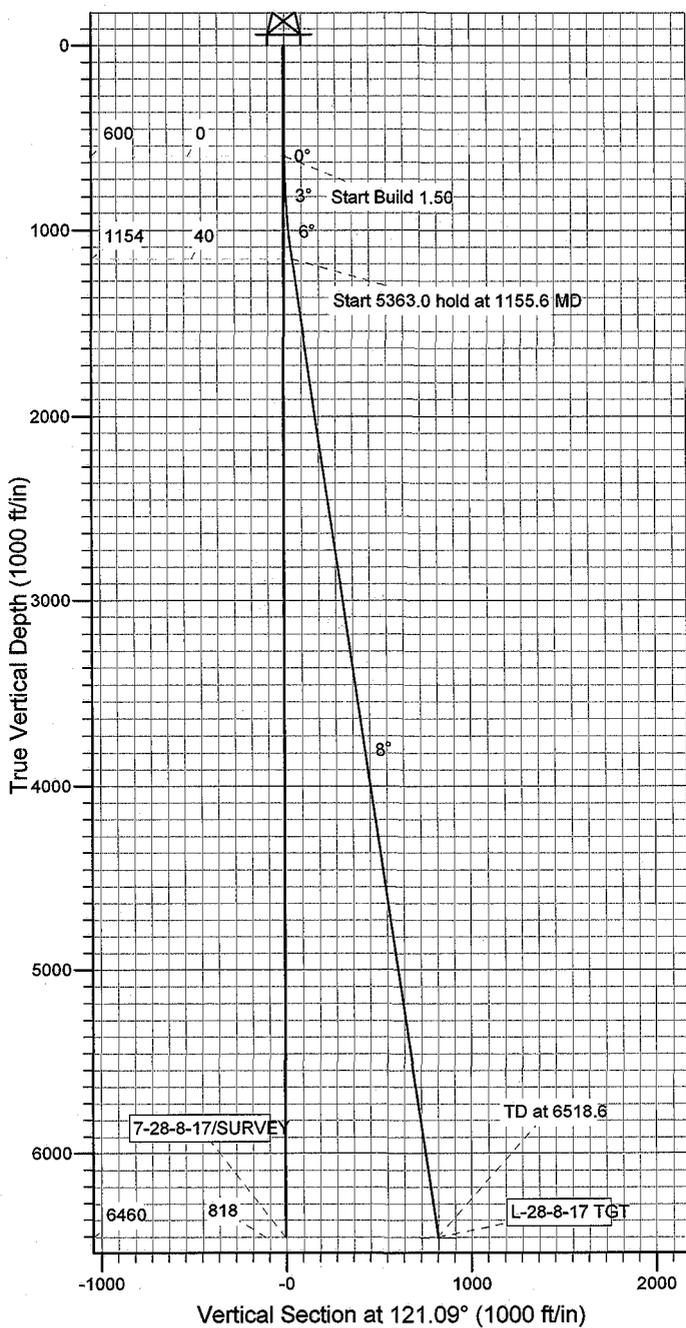
Project: USGS Myton SW (UT)
 Site: SECTION 28
 Well: GB L-28-8-17
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.64°

Magnetic Field
 Strength: 52608.0snT
 Dip Angle: 65.92°
 Date: 8/26/2008
 Model: IGRF200510

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



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
L-28-8-17 TGT	6460.0	-422.2	700.2	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1155.6	8.33	121.09	1153.6	-20.8	34.5	1.50	121.09	40.3	
4	6518.6	8.33	121.09	6460.0	-422.2	700.2	0.00	0.00	817.6	L-28-8-17 TGT



NEWFIELD



NEWFIELD EXPLORATION

USGS Myton SW (UT)

SECTION 28

GB L-28-8-17

Wellbore #1

Plan: Design #1

Standard Planning Report

26 August, 2008

HATHAWAY HB BURNHAM
DIRECTIONAL & MWD SERVICES



Hathaway Burnham

Planning Report



Database: EDM 2003.21 Single User Db
Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 28
Well: GB L-28-8-17
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well GB L-28-8-17
TVD Reference: GB L-28-8-17 @ 5208.0ft (EST KB)
MD Reference: GB L-28-8-17 @ 5208.0ft (EST KB)
North Reference: True
Survey Calculation Method: Minimum Curvature

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	Using geodetic scale factor

Site SECTION 28, SEC 28 T8S, R17E		
Site Position:	Northing: 7,204,800.00ft	Latitude: 40° 5' 22.277 N
From: Lat/Long	Easting: 2,057,000.00ft	Longitude: 110° 0' 39.302 W
Position Uncertainty: 0.0 ft	Slot Radius: "	Grid Convergence: 0.95 °

Well GB L-28-8-17, SHL LAT: 40 05 24.42, LONG: -110 00 33.29			
Well Position	+N/-S 216.8 ft	Northing: 7,205,024.58 ft	Latitude: 40° 5' 24.420 N
	+E/-W 467.2 ft	Easting: 2,057,463.52 ft	Longitude: 110° 0' 33.290 W
Position Uncertainty	0.0 ft	Wellhead Elevation: ft	Ground Level: 0.0 ft

Wellbore Wellbore #1					
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	IGRF200510	8/26/2008	(°) 11.64	(°) 65.92	(nT) 52,608

Design Design #1				
Audit Notes:				
Version:	Phase: PROTOTYPE	Tie On Depth: 0.0		
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.0	0.0	0.0	121.09

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	
1,155.6	8.33	121.09	1,153.6	-20.8	34.5	1.50	1.50	0.00	121.09	
6,518.6	8.33	121.09	6,460.0	-422.2	700.2	0.00	0.00	0.00	0.00	L-28-8-17 TGT

Database: EDM 2003.21 Single User Db
 Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 28
 Well: GB L-28-8-17
 Wellbore: Wellbore #1
 Design: Design #1

Local Co-ordinate Reference: Well GB L-28-8-17
 TVD Reference: GB L-28-8-17 @ 5208.0ft (EST KB)
 MD Reference: GB L-28-8-17 @ 5208.0ft (EST KB)
 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
50.0	0.00	0.00	50.0	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
150.0	0.00	0.00	150.0	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
250.0	0.00	0.00	250.0	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
350.0	0.00	0.00	350.0	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
450.0	0.00	0.00	450.0	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
550.0	0.00	0.00	550.0	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
650.0	0.75	121.09	650.0	-0.2	0.3	0.3	1.50	1.50	0.00
700.0	1.50	121.09	700.0	-0.7	1.1	1.3	1.50	1.50	0.00
750.0	2.25	121.09	750.0	-1.5	2.5	2.9	1.50	1.50	0.00
800.0	3.00	121.09	799.9	-2.7	4.5	5.2	1.50	1.50	0.00
850.0	3.75	121.09	849.8	-4.2	7.0	8.2	1.50	1.50	0.00
900.0	4.50	121.09	899.7	-6.1	10.1	11.8	1.50	1.50	0.00
950.0	5.25	121.09	949.5	-8.3	13.7	16.0	1.50	1.50	0.00
1,000.0	6.00	121.09	999.3	-10.8	17.9	20.9	1.50	1.50	0.00
1,050.0	6.75	121.09	1,049.0	-13.7	22.7	26.5	1.50	1.50	0.00
1,100.0	7.50	121.09	1,098.6	-16.9	28.0	32.7	1.50	1.50	0.00
1,150.0	8.25	121.09	1,148.1	-20.4	33.9	39.5	1.50	1.50	0.00
1,155.6	8.33	121.09	1,153.6	-20.8	34.5	40.3	1.50	1.50	0.00
1,200.0	8.33	121.09	1,197.6	-24.2	40.1	46.8	0.00	0.00	0.00
1,250.0	8.33	121.09	1,247.0	-27.9	46.3	54.0	0.00	0.00	0.00
1,300.0	8.33	121.09	1,296.5	-31.6	52.5	61.3	0.00	0.00	0.00
1,350.0	8.33	121.09	1,346.0	-35.4	58.7	68.5	0.00	0.00	0.00
1,400.0	8.33	121.09	1,395.5	-39.1	64.9	75.8	0.00	0.00	0.00
1,450.0	8.33	121.09	1,444.9	-42.9	71.1	83.0	0.00	0.00	0.00
1,500.0	8.33	121.09	1,494.4	-46.6	77.3	90.3	0.00	0.00	0.00
1,550.0	8.33	121.09	1,543.9	-50.3	83.5	97.5	0.00	0.00	0.00
1,600.0	8.33	121.09	1,593.4	-54.1	89.7	104.7	0.00	0.00	0.00
1,650.0	8.33	121.09	1,642.8	-57.8	95.9	112.0	0.00	0.00	0.00
1,700.0	8.33	121.09	1,692.3	-61.6	102.1	119.2	0.00	0.00	0.00
1,750.0	8.33	121.09	1,741.8	-65.3	108.3	126.5	0.00	0.00	0.00
1,800.0	8.33	121.09	1,791.2	-69.1	114.5	133.7	0.00	0.00	0.00
1,850.0	8.33	121.09	1,840.7	-72.8	120.7	141.0	0.00	0.00	0.00
1,900.0	8.33	121.09	1,890.2	-76.5	126.9	148.2	0.00	0.00	0.00
1,950.0	8.33	121.09	1,939.7	-80.3	133.1	155.5	0.00	0.00	0.00
2,000.0	8.33	121.09	1,989.1	-84.0	139.3	162.7	0.00	0.00	0.00
2,050.0	8.33	121.09	2,038.6	-87.8	145.5	170.0	0.00	0.00	0.00
2,100.0	8.33	121.09	2,088.1	-91.5	151.8	177.2	0.00	0.00	0.00
2,150.0	8.33	121.09	2,137.5	-95.3	158.0	184.5	0.00	0.00	0.00
2,200.0	8.33	121.09	2,187.0	-99.0	164.2	191.7	0.00	0.00	0.00
2,250.0	8.33	121.09	2,236.5	-102.7	170.4	198.9	0.00	0.00	0.00
2,300.0	8.33	121.09	2,286.0	-106.5	176.6	206.2	0.00	0.00	0.00
2,350.0	8.33	121.09	2,335.4	-110.2	182.8	213.4	0.00	0.00	0.00
2,400.0	8.33	121.09	2,384.9	-114.0	189.0	220.7	0.00	0.00	0.00
2,450.0	8.33	121.09	2,434.4	-117.7	195.2	227.9	0.00	0.00	0.00
2,500.0	8.33	121.09	2,483.8	-121.4	201.4	235.2	0.00	0.00	0.00
2,550.0	8.33	121.09	2,533.3	-125.2	207.6	242.4	0.00	0.00	0.00
2,600.0	8.33	121.09	2,582.8	-128.9	213.8	249.7	0.00	0.00	0.00

Database: EDM 2003.21 Single User Db
Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 28
Well: GB L-28-8-17
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well GB L-28-8-17
TVD Reference: GB L-28-8-17 @ 5208.0ft (EST KB)
MD Reference: GB L-28-8-17 @ 5208.0ft (EST KB)
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)
2,650.0	8.33	121.09	2,632.3	-132.7	220.0	256.9	0.00	0.00	0.00
2,700.0	8.33	121.09	2,681.7	-136.4	226.2	264.2	0.00	0.00	0.00
2,750.0	8.33	121.09	2,731.2	-140.2	232.4	271.4	0.00	0.00	0.00
2,800.0	8.33	121.09	2,780.7	-143.9	238.6	278.7	0.00	0.00	0.00
2,850.0	8.33	121.09	2,830.2	-147.6	244.8	285.9	0.00	0.00	0.00
2,900.0	8.33	121.09	2,879.6	-151.4	251.0	293.2	0.00	0.00	0.00
2,950.0	8.33	121.09	2,929.1	-155.1	257.3	300.4	0.00	0.00	0.00
3,000.0	8.33	121.09	2,978.6	-158.9	263.5	307.6	0.00	0.00	0.00
3,050.0	8.33	121.09	3,028.0	-162.6	269.7	314.9	0.00	0.00	0.00
3,100.0	8.33	121.09	3,077.5	-166.3	275.9	322.1	0.00	0.00	0.00
3,150.0	8.33	121.09	3,127.0	-170.1	282.1	329.4	0.00	0.00	0.00
3,200.0	8.33	121.09	3,176.5	-173.8	288.3	336.6	0.00	0.00	0.00
3,250.0	8.33	121.09	3,225.9	-177.6	294.5	343.9	0.00	0.00	0.00
3,300.0	8.33	121.09	3,275.4	-181.3	300.7	351.1	0.00	0.00	0.00
3,350.0	8.33	121.09	3,324.9	-185.1	306.9	358.4	0.00	0.00	0.00
3,400.0	8.33	121.09	3,374.3	-188.8	313.1	365.6	0.00	0.00	0.00
3,450.0	8.33	121.09	3,423.8	-192.5	319.3	372.9	0.00	0.00	0.00
3,500.0	8.33	121.09	3,473.3	-196.3	325.5	380.1	0.00	0.00	0.00
3,550.0	8.33	121.09	3,522.8	-200.0	331.7	387.4	0.00	0.00	0.00
3,600.0	8.33	121.09	3,572.2	-203.8	337.9	394.6	0.00	0.00	0.00
3,650.0	8.33	121.09	3,621.7	-207.5	344.1	401.9	0.00	0.00	0.00
3,700.0	8.33	121.09	3,671.2	-211.3	350.3	409.1	0.00	0.00	0.00
3,750.0	8.33	121.09	3,720.7	-215.0	356.5	416.3	0.00	0.00	0.00
3,800.0	8.33	121.09	3,770.1	-218.7	362.7	423.6	0.00	0.00	0.00
3,850.0	8.33	121.09	3,819.6	-222.5	369.0	430.8	0.00	0.00	0.00
3,900.0	8.33	121.09	3,869.1	-226.2	375.2	438.1	0.00	0.00	0.00
3,950.0	8.33	121.09	3,918.5	-230.0	381.4	445.3	0.00	0.00	0.00
4,000.0	8.33	121.09	3,968.0	-233.7	387.6	452.6	0.00	0.00	0.00
4,050.0	8.33	121.09	4,017.5	-237.4	393.8	459.8	0.00	0.00	0.00
4,100.0	8.33	121.09	4,067.0	-241.2	400.0	467.1	0.00	0.00	0.00
4,150.0	8.33	121.09	4,116.4	-244.9	406.2	474.3	0.00	0.00	0.00
4,200.0	8.33	121.09	4,165.9	-248.7	412.4	481.6	0.00	0.00	0.00
4,250.0	8.33	121.09	4,215.4	-252.4	418.6	488.8	0.00	0.00	0.00
4,300.0	8.33	121.09	4,264.8	-256.2	424.8	496.1	0.00	0.00	0.00
4,350.0	8.33	121.09	4,314.3	-259.9	431.0	503.3	0.00	0.00	0.00
4,400.0	8.33	121.09	4,363.8	-263.6	437.2	510.6	0.00	0.00	0.00
4,450.0	8.33	121.09	4,413.3	-267.4	443.4	517.8	0.00	0.00	0.00
4,500.0	8.33	121.09	4,462.7	-271.1	449.6	525.0	0.00	0.00	0.00
4,550.0	8.33	121.09	4,512.2	-274.9	455.8	532.3	0.00	0.00	0.00
4,600.0	8.33	121.09	4,561.7	-278.6	462.0	539.5	0.00	0.00	0.00
4,650.0	8.33	121.09	4,611.1	-282.4	468.2	546.8	0.00	0.00	0.00
4,700.0	8.33	121.09	4,660.6	-286.1	474.4	554.0	0.00	0.00	0.00
4,750.0	8.33	121.09	4,710.1	-289.8	480.7	561.3	0.00	0.00	0.00
4,800.0	8.33	121.09	4,759.6	-293.6	486.9	568.5	0.00	0.00	0.00
4,850.0	8.33	121.09	4,809.0	-297.3	493.1	575.8	0.00	0.00	0.00
4,900.0	8.33	121.09	4,858.5	-301.1	499.3	583.0	0.00	0.00	0.00
4,950.0	8.33	121.09	4,908.0	-304.8	505.5	590.3	0.00	0.00	0.00
5,000.0	8.33	121.09	4,957.5	-308.5	511.7	597.5	0.00	0.00	0.00
5,050.0	8.33	121.09	5,006.9	-312.3	517.9	604.8	0.00	0.00	0.00
5,100.0	8.33	121.09	5,056.4	-316.0	524.1	612.0	0.00	0.00	0.00
5,150.0	8.33	121.09	5,105.9	-319.8	530.3	619.2	0.00	0.00	0.00
5,200.0	8.33	121.09	5,155.3	-323.5	536.5	626.5	0.00	0.00	0.00
5,250.0	8.33	121.09	5,204.8	-327.3	542.7	633.7	0.00	0.00	0.00
5,300.0	8.33	121.09	5,254.3	-331.0	548.9	641.0	0.00	0.00	0.00

Database: EDM 2003.21 Single User Db
 Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 28
 Well: GB L-28-8-17
 Wellbore: Wellbore #1
 Design: Design #1

Local Co-ordinate Reference: Well GB L-28-8-17
 TVD Reference: GB L-28-8-17 @ 5208.0ft (EST KB)
 MD Reference: GB L-28-8-17 @ 5208.0ft (EST KB)
 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)
5,350.0	8.33	121.09	5,303.8	-334.7	555.1	648.2	0.00	0.00	0.00
5,400.0	8.33	121.09	5,353.2	-338.5	561.3	655.5	0.00	0.00	0.00
5,450.0	8.33	121.09	5,402.7	-342.2	567.5	662.7	0.00	0.00	0.00
5,500.0	8.33	121.09	5,452.2	-346.0	573.7	670.0	0.00	0.00	0.00
5,550.0	8.33	121.09	5,501.6	-349.7	579.9	677.2	0.00	0.00	0.00
5,600.0	8.33	121.09	5,551.1	-353.4	586.1	684.5	0.00	0.00	0.00
5,650.0	8.33	121.09	5,600.6	-357.2	592.4	691.7	0.00	0.00	0.00
5,700.0	8.33	121.09	5,650.1	-360.9	598.6	699.0	0.00	0.00	0.00
5,750.0	8.33	121.09	5,699.5	-364.7	604.8	706.2	0.00	0.00	0.00
5,800.0	8.33	121.09	5,749.0	-368.4	611.0	713.5	0.00	0.00	0.00
5,850.0	8.33	121.09	5,798.5	-372.2	617.2	720.7	0.00	0.00	0.00
5,900.0	8.33	121.09	5,848.0	-375.9	623.4	727.9	0.00	0.00	0.00
5,950.0	8.33	121.09	5,897.4	-379.6	629.6	735.2	0.00	0.00	0.00
6,000.0	8.33	121.09	5,946.9	-383.4	635.8	742.4	0.00	0.00	0.00
6,050.0	8.33	121.09	5,996.4	-387.1	642.0	749.7	0.00	0.00	0.00
6,100.0	8.33	121.09	6,045.8	-390.9	648.2	756.9	0.00	0.00	0.00
6,150.0	8.33	121.09	6,095.3	-394.6	654.4	764.2	0.00	0.00	0.00
6,200.0	8.33	121.09	6,144.8	-398.4	660.6	771.4	0.00	0.00	0.00
6,250.0	8.33	121.09	6,194.3	-402.1	666.8	778.7	0.00	0.00	0.00
6,300.0	8.33	121.09	6,243.7	-405.8	673.0	785.9	0.00	0.00	0.00
6,350.0	8.33	121.09	6,293.2	-409.6	679.2	793.2	0.00	0.00	0.00
6,400.0	8.33	121.09	6,342.7	-413.3	685.4	800.4	0.00	0.00	0.00
6,450.0	8.33	121.09	6,392.1	-417.1	691.6	807.7	0.00	0.00	0.00
6,500.0	8.33	121.09	6,441.6	-420.8	697.9	814.9	0.00	0.00	0.00
6,518.6	8.33	121.09	6,460.0	-422.2	700.2	817.6	0.00	0.00	0.00

L-28-8-17 TGT

NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

GREATER BOUNDARY L-28-8-17 (Proposed Well)

GREATER BOUNDARY 7-28-8-17 (Existing Well)

Pad Location: SWNE Section 28, T8S, R17E, S.L.B.&M.



TOP HOLE FOOTAGES

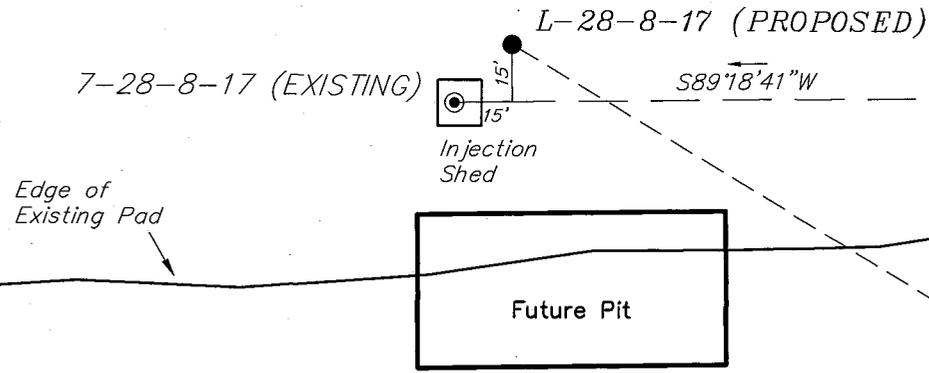
L-28-8-17 (PROPOSED)
2222' FNL & 2001' FEL

BOTTOM HOLE FOOTAGES

L-28-8-17 (PROPOSED)
2645' FSL & 1300' FEL

Existing Access

Existing Stock Pile



Edge of Existing Pad

Future Pit

S58°54'47"E - 817.60'
(To Bottom Hole)

LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
L-28-8-17	40° 05' 24.42"	110° 00' 33.29"
7-28-8-17	40° 05' 24.27"	110° 00' 33.49"

Note:
Bearings are based on
GLO Information.

RELATIVE COORDINATES
From top hole to bottom hole

WELL	NORTH	EAST
L-28-8-17	-422'	700'

SURVEYED BY: T.H.	DATE SURVEYED: 07-10-08
DRAWN BY: F.T.M.	DATE DRAWN: 07-24-08
SCALE: 1" = 50'	REVISED:

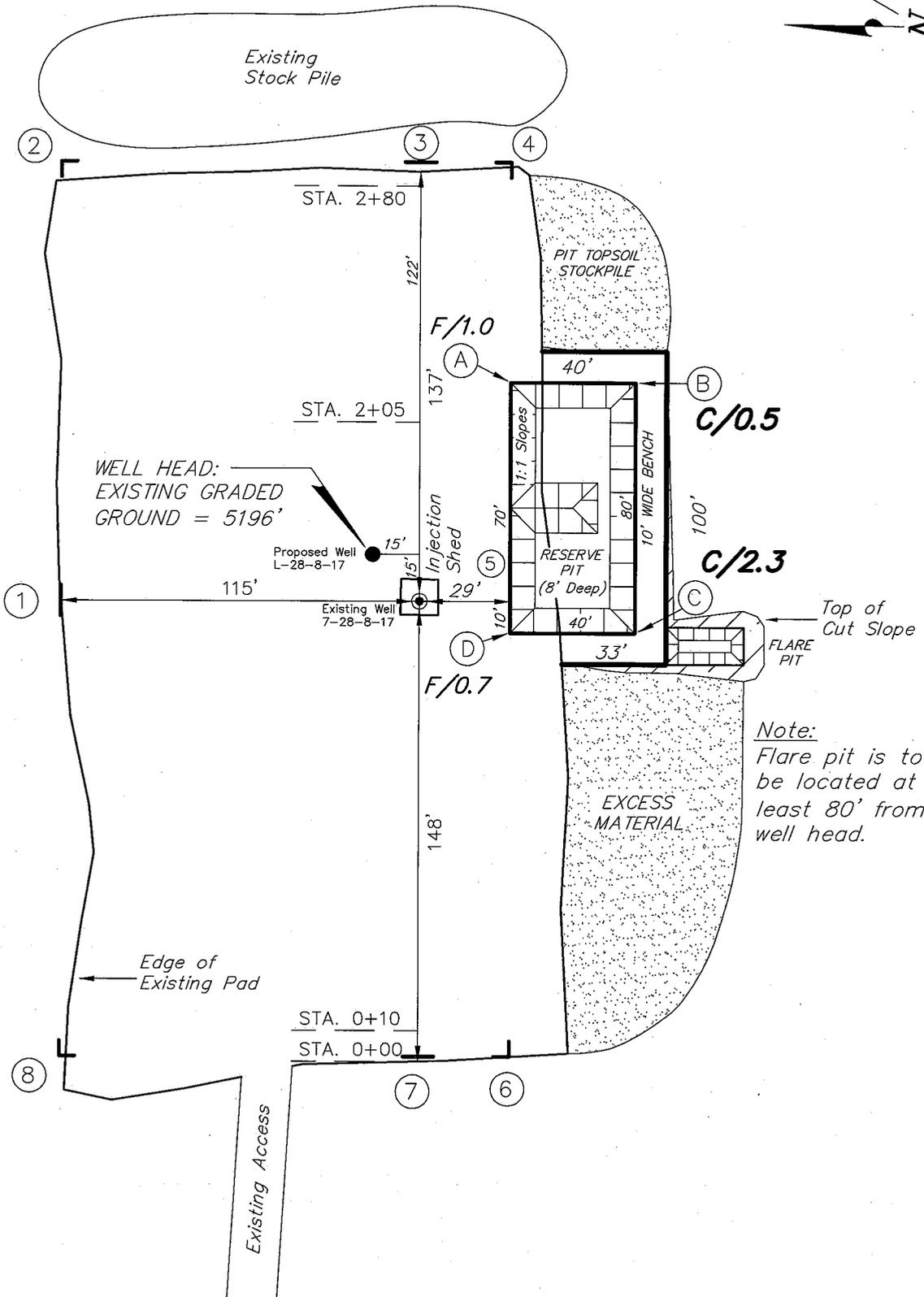
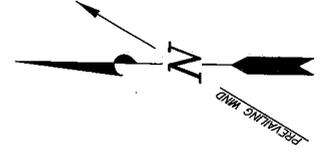
Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

GREATER BOUNDARY L-28-8-17 (Proposed Well)

GREATER BOUNDARY 7-28-8-17 (Existing Well)

Pad Location: SWNE Section 28, T8S, R17E, S.L.B.&M.



SURVEYED BY: T.H.	DATE SURVEYED: 07-10-08	
DRAWN BY: F.T.M.	DATE DRAWN: 07-24-08	
SCALE: 1" = 50'	REVISED:	

Tri State
Land Surveying, Inc.

(435) 781-2501

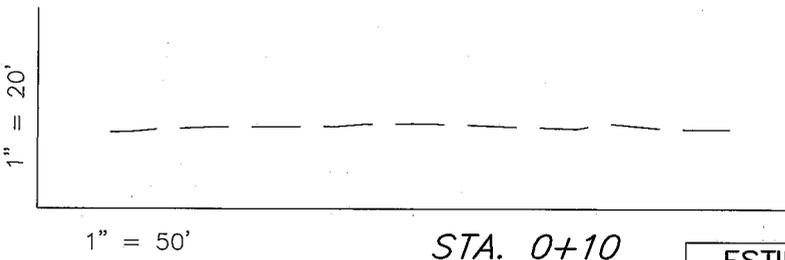
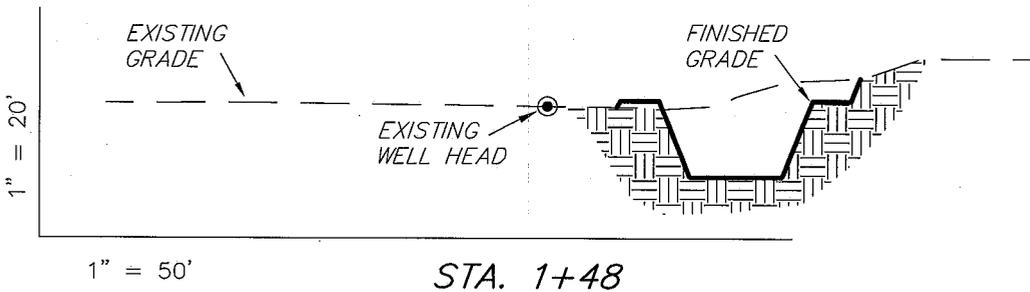
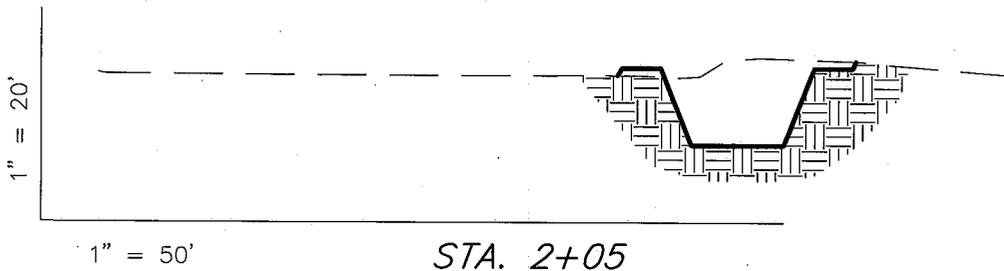
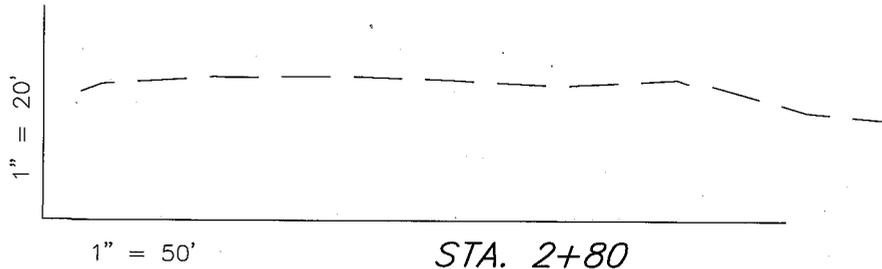
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

GREATER BOUNDARY L-28-8-17 (Proposed Well)

GREATER BOUNDARY 7-28-8-17 (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	190	40	Topsoil is not included in Pad Cut	150
PIT	640	0		640
TOTALS	830	40	130	790

SURVEYED BY: T.H.	DATE SURVEYED: 07-10-08
DRAWN BY: F.T.M.	DATE DRAWN: 07-24-08
SCALE: 1" = 50'	REVISED:

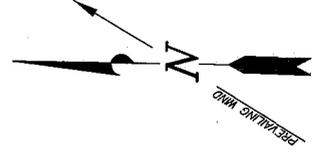
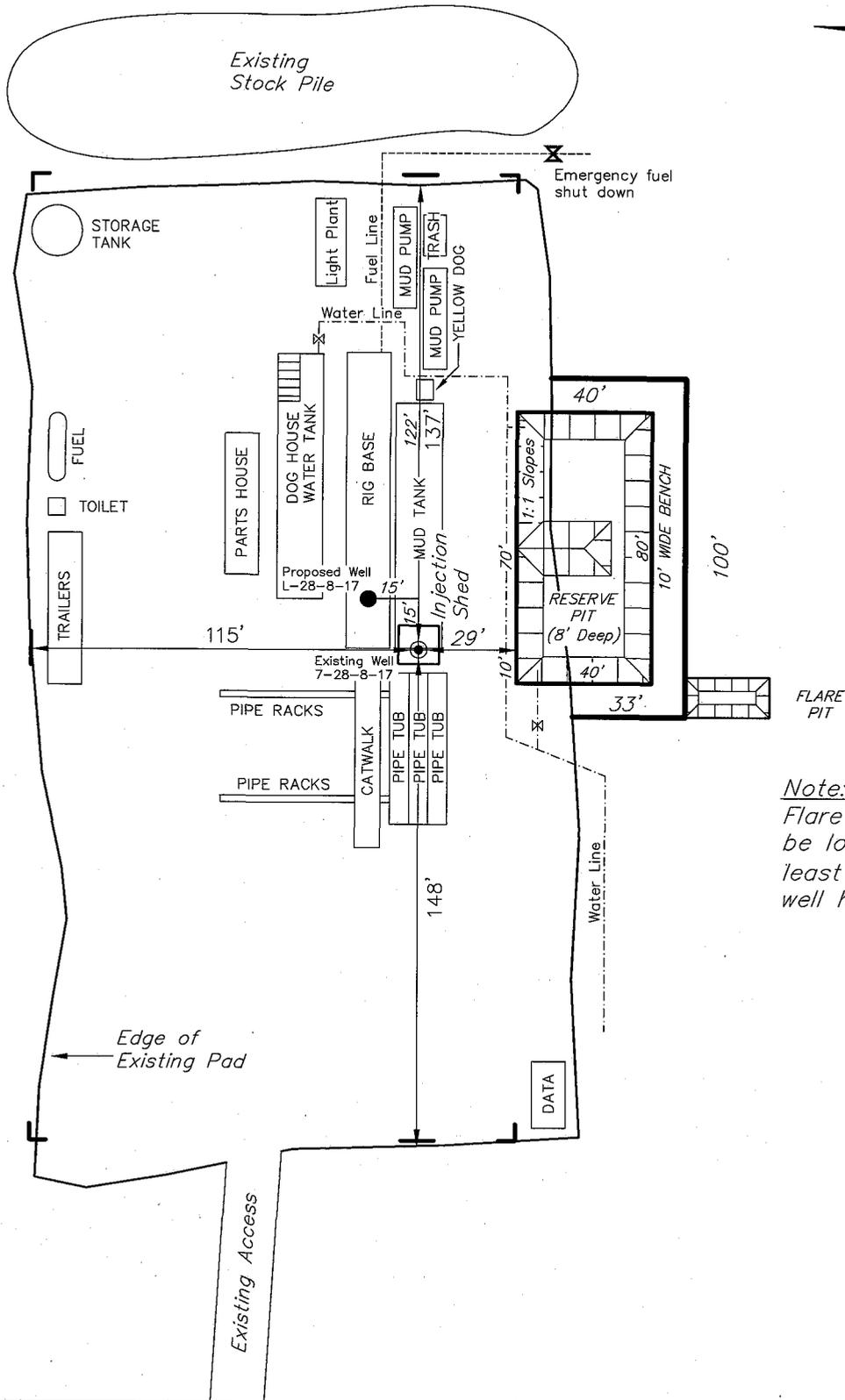
Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

GREATER BOUNDARY L-28-8-17 (Proposed Well)

GREATER BOUNDARY 7-28-8-17 (Existing Well)



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

SURVEYED BY: T.H.	DATE SURVEYED: 07-10-08
DRAWN BY: F.T.M.	DATE DRAWN: 07-24-08
SCALE: 1" = 50'	REVISED:

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

Newfield Production Company Proposed Site Facility Diagram

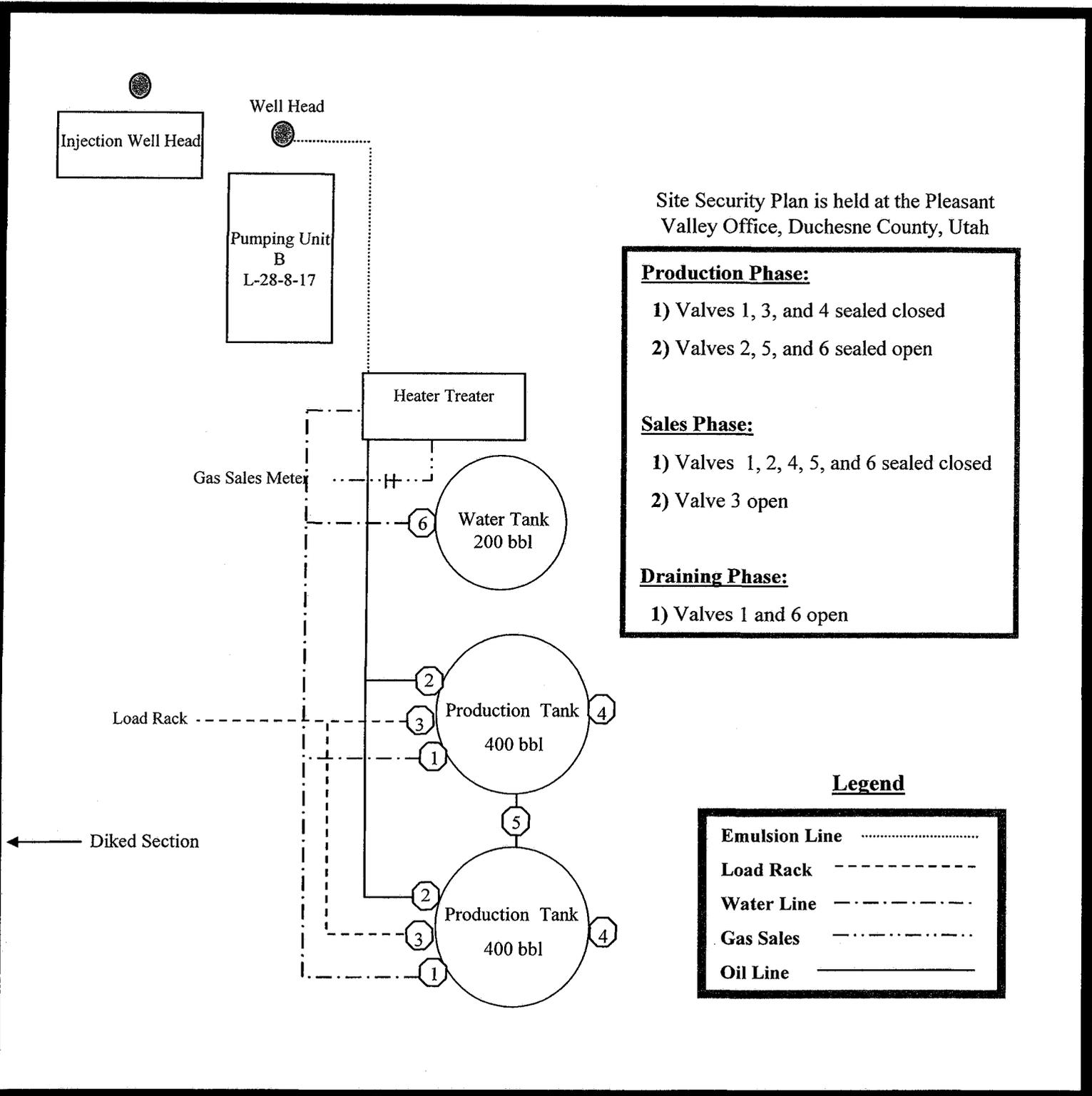
Greater Boundary II Federal L-28-8-17

From the 7-28-8-17 Location

SW/NE Sec. 28 T8S, R17E

Duchesne County, Utah

UTU-76241



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:

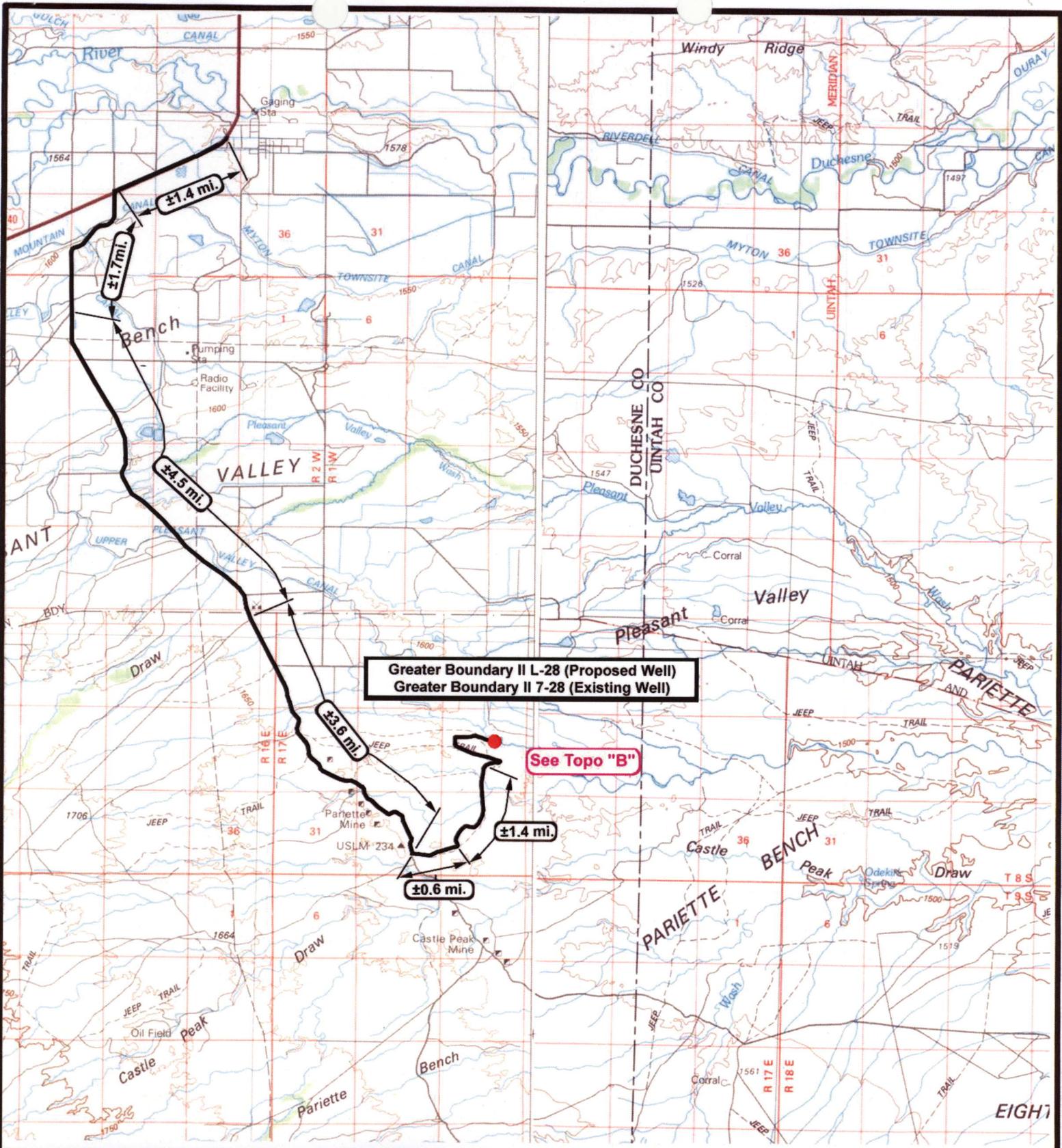
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valves 1 and 6 open

Legend

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



NEWFIELD
Exploration Company

Greater Boundary II L-28-8-17 (Proposed Well)
Greater Boundary II 7-28-8-17 (Existing Well)
Pad Location SWNE SEC. 28, T8S, R17E, S.L.B.&M.



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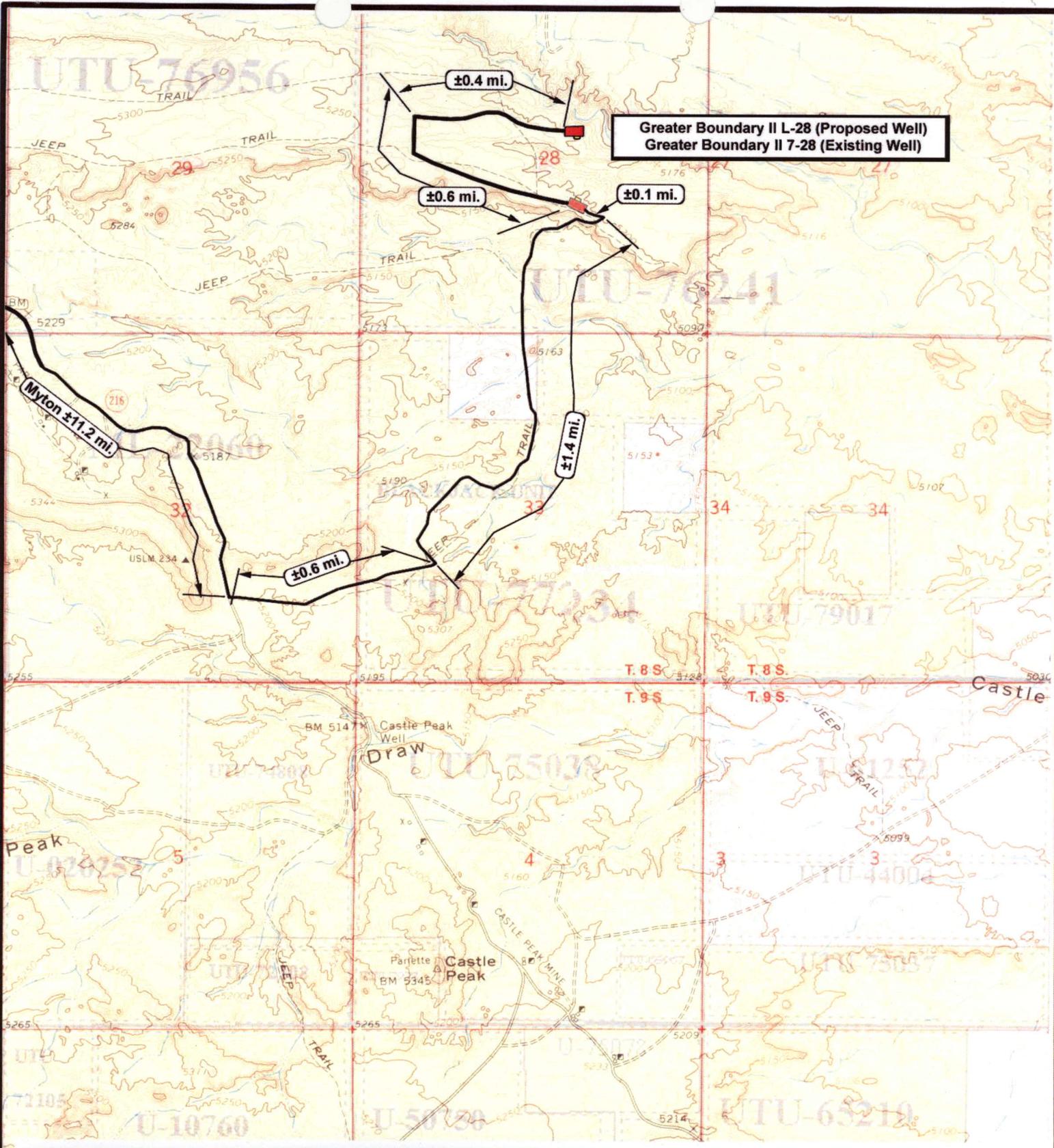
SCALE: 1:100,000
DRAWN BY: JAS
DATE: 07-29-2008

Legend

Existing Road

TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

Greater Boundary II L-28-8-17 (Proposed Well)
Greater Boundary II 7-28-8-17 (Existing Well)
Pad Location SWNE SEC. 28, T8S, R17E, S.L.B.&M.



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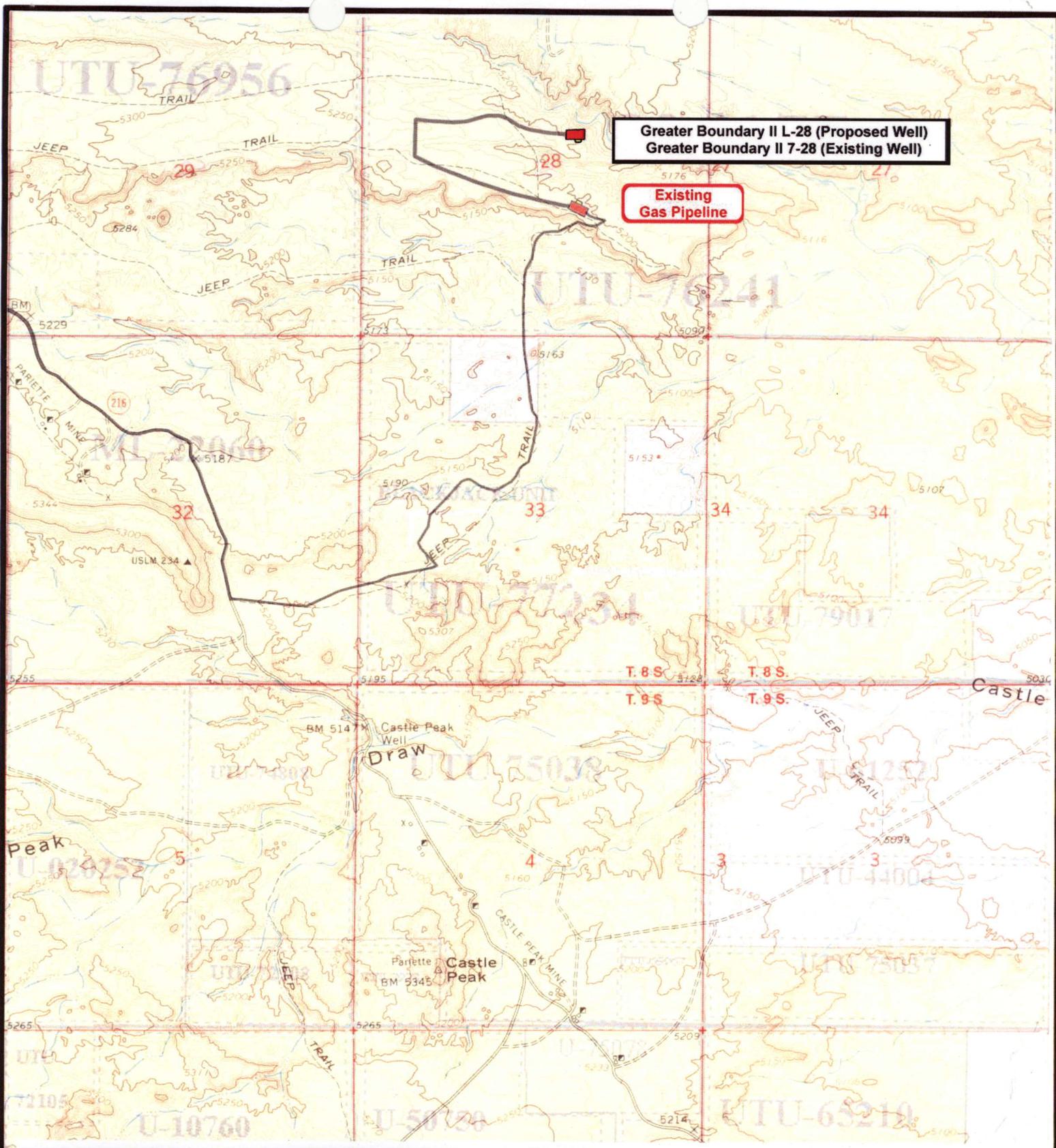
SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 07-28-2008

Legend

Existing Road

TOPOGRAPHIC MAP

"B"



**Greater Boundary II L-28 (Proposed Well)
Greater Boundary II 7-28 (Existing Well)**

**Existing
Gas Pipeline**

NEWFIELD
Exploration Company

**Greater Boundary II L-28-8-17 (Proposed Well)
Greater Boundary II 7-28-8-17 (Existing Well)
Pad Location SWNE SEC. 28, T8S, R17E, S.L.B.&M.**



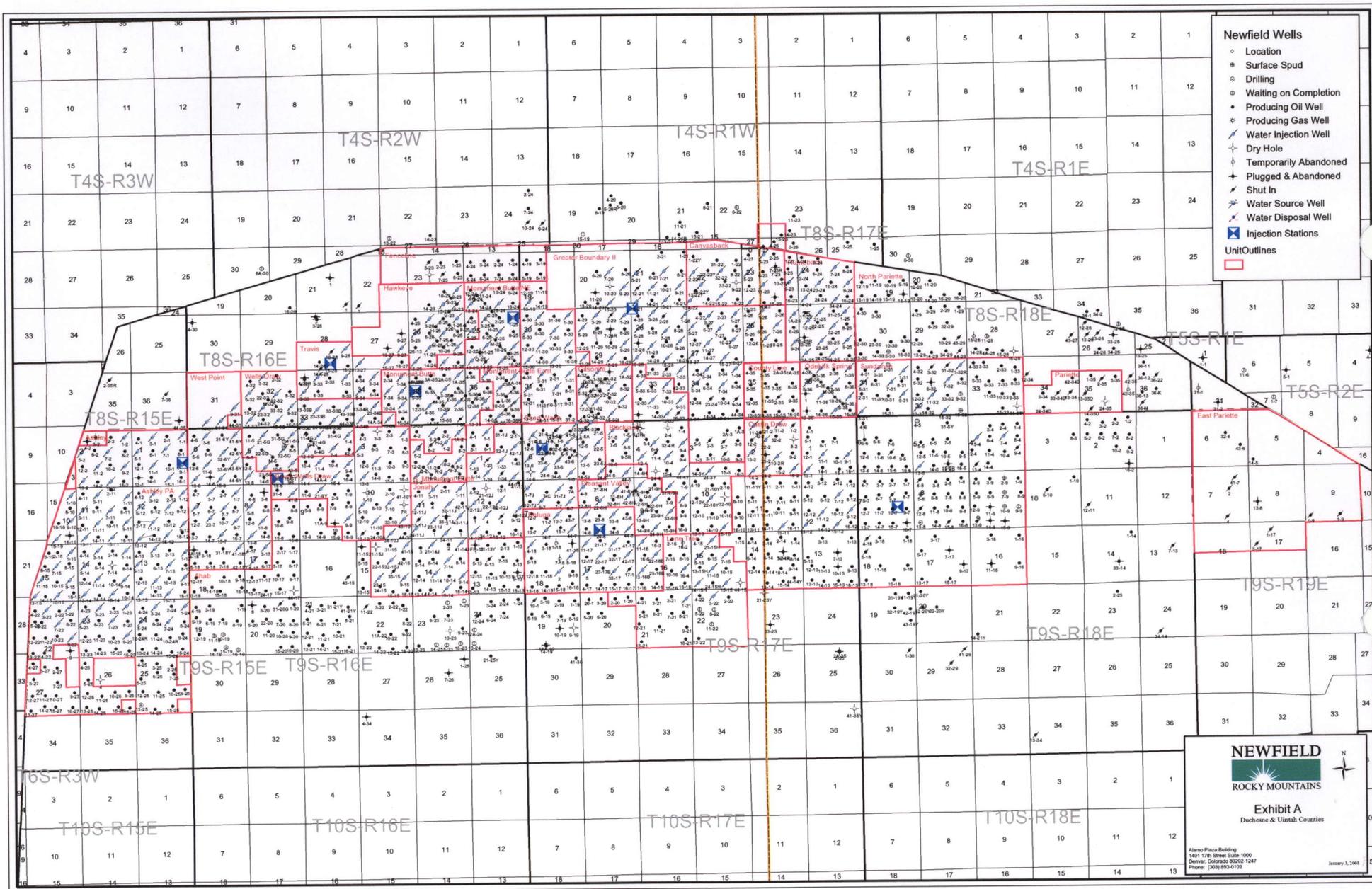
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

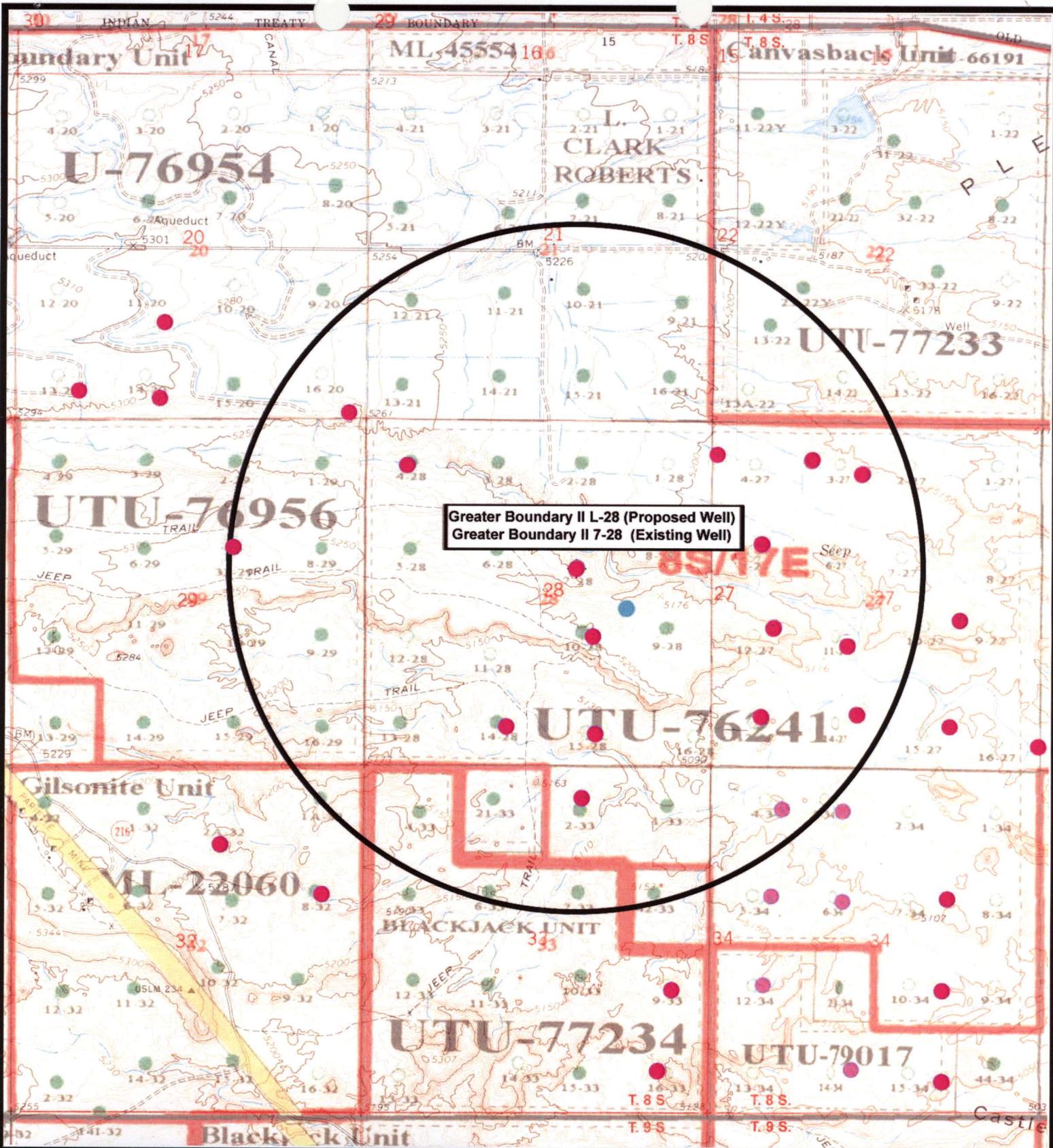
SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 07-28-2008

Legend

— Roads

TOPOGRAPHIC MAP
"C"





Greater Boundary II L-28 (Proposed Well)
 Greater Boundary II 7-28 (Existing Well)



NEWFIELD
Exploration Company

Greater Boundary II L-28-8-17 (Proposed Well)
Greater Boundary II 7-28-8-17 (Existing Well)
 Pad Location: SWNE SEC. 28, 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: 07-29-2008

Legend

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

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

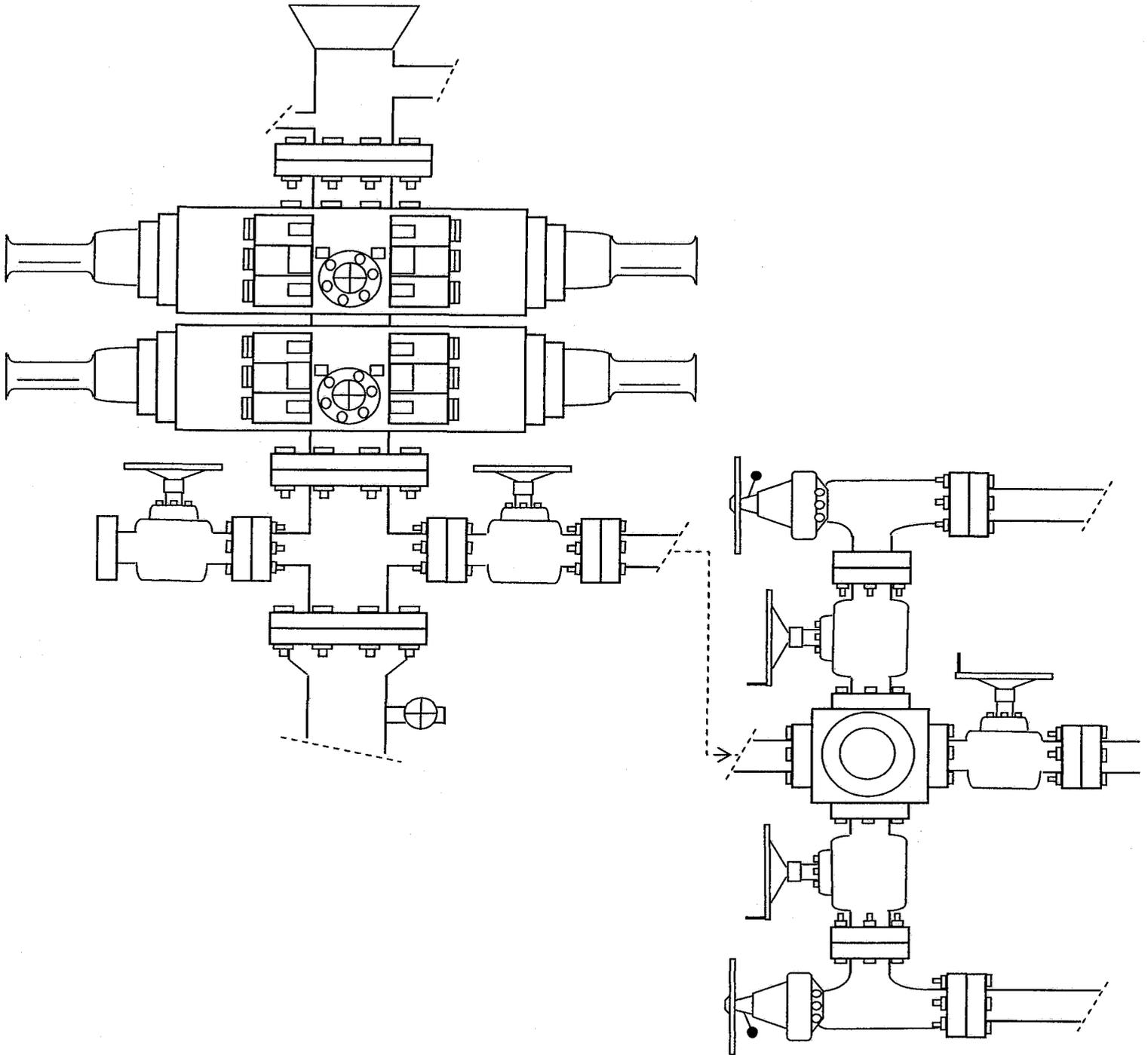


EXHIBIT C

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 09/22/2008

API NO. ASSIGNED: 43-013-34096

WELL NAME: GB II FED L-28-8-17
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION: 0805
 SWNE 28 280S 170E
 SURFACE: 2222 FNL 2001 FEL
 BOTTOM: 2645 FSL 1300 FEL
 COUNTY: DUCHESNE
 LATITUDE: 40.09015 LONGITUDE: -110.0085
 UTM SURF EASTINGS: 584529 NORTHINGS: 4438024
 FIELD NAME: MONUMENT BUTTE (105)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-76241
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

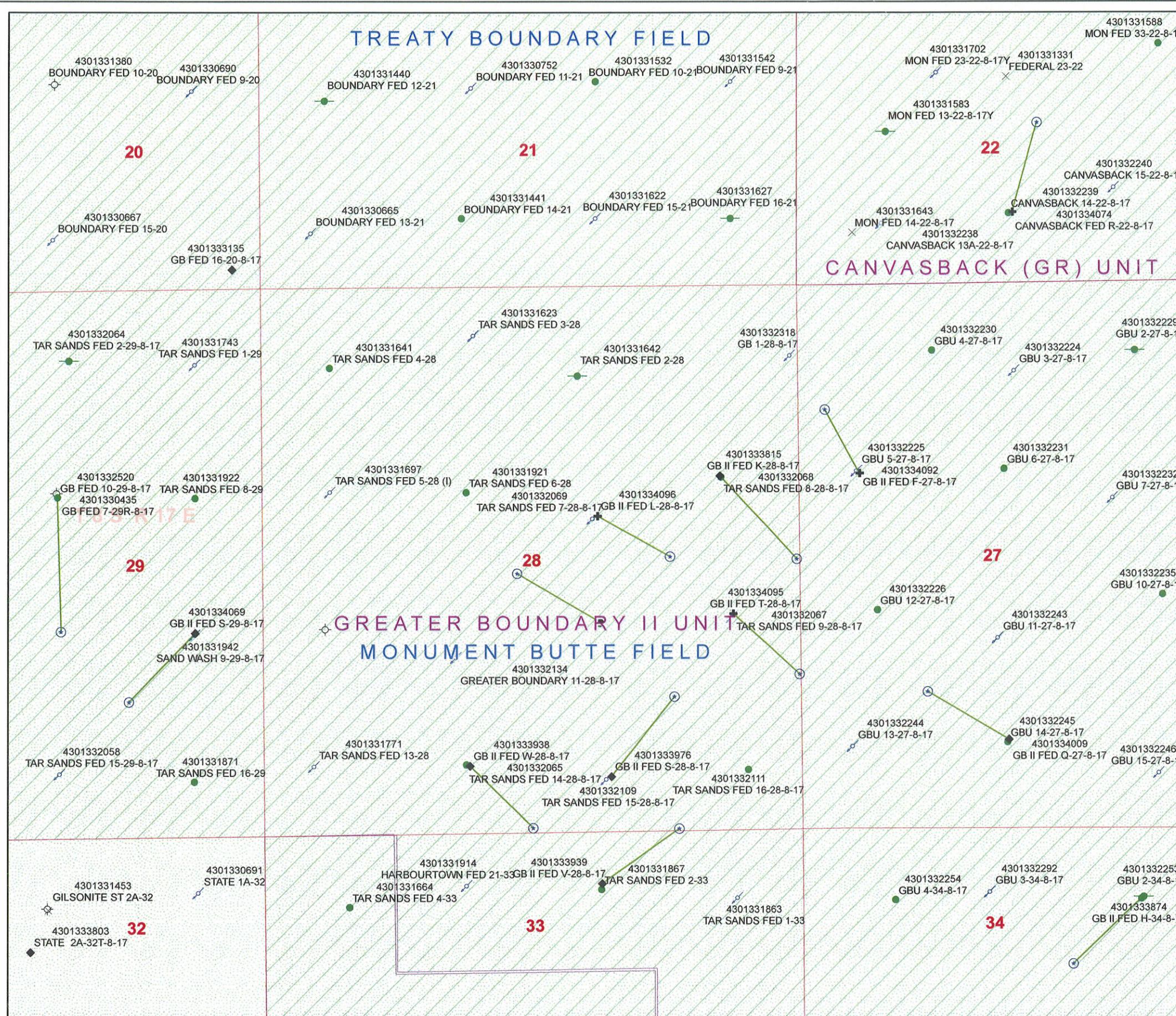
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WYB000493)
- N Potash (Y/N)
- N Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-7478)
- N RDCC Review (Y/N)
(Date: _____)
- N/A Fee Surf Agreement (Y/N)
- N/A Intent to Commingle (Y/N)

LOCATION AND SITING:

- _____ R649-2-3.
- Unit: GREATER BOUNDARY II (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: Sep, Separate files

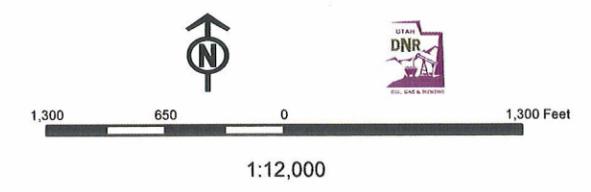
STIPULATIONS: Federal Approval



API Number: 4301334096
Well Name: GB II FED L-28-8-17
Township 28.0 S Range 17.0 E Section 28
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
Township	TW
	WD
	WI
	WS
	Bottom Hole Location



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)

September 25, 2008

Memorandum

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

API#	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-34092	GB II Fed F-27-8-17 Sec 27 T08S R17E 1840 FNL 0569 FWL BHL Sec 27 T08S R17E 1225 FNL 0235 FWL	
43-013-34095	GB II Fed T-28-8-17 Sec 28 T08S R17E 2083 FSL 0685 FEL BHL Sec 28 T08S R17E 1490 FSL 0030 FEL	
43-013-34096	GB II Fed L-28-8-17 Sec 28 T08S R17E 2222 FNL 2001 FEL BHL Sec 28 T08S R17E 2645 FSL 1300 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
Division of Oil Gas and Mining
Central Files



September 22, 2008

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 L-28-8-17
Greater Boundary II Unit
UTU-77098X
Surface Hole: T8S R17E, Section 28: SWNE
2222' FSL 2001' FEL
Bottom Hole: T8S R17E, Section 28
2645' FSL 1300' FEL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated September 15, 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 Federal 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

SEP 29 2008

DIV. OF OIL, GAS & MINING

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

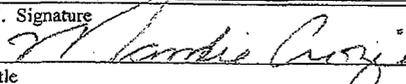
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No. UTU-76241	
6. If Indian, Allottee or Tribe Name N/A	
7. If Unit or CA Agreement, Name and No. Greater Boundary II Unit	
8. Lease Name and Well No. Greater Boundary II Federal L-28-8-17	
9. API Well No.	
10. Field and Pool, or Exploratory Monument Butte	
11. Sec., T., R., M., or Blk. and Survey or Area Sec. 28, T8S R17E	
12. County or Parish Duchesne	13. State UT
14. Distance in miles and direction from nearest town or post office* Approximately 14.3 miles southeast of Myton, Utah	15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) <small>Approx. 2635' f/lea, 3955' f/unit</small> Approx. 1129'
16. No. of Acres in lease 1880.00	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. 1129'	19. Proposed Depth 6460'
20. BLM/BIA Bond No. on file WYB000493	21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5196' GL
22. Approximate date work will start* 1st Quarter 2009	23. Estimated duration <small>Approximately seven (7) days from spud to rig release.</small>

24. Attachments

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

- | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ol style="list-style-type: none"> 1. Well plat certified by a registered surveyor. 2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | <ol style="list-style-type: none"> 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). 5. Operator certification. 6. Such other site specific information and/or plans as may be required by the authorized officer. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 9/15/08
Title Regulatory Specialist		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

Application approval does not warrant or certify the 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.

**(Instructions on reverse)*

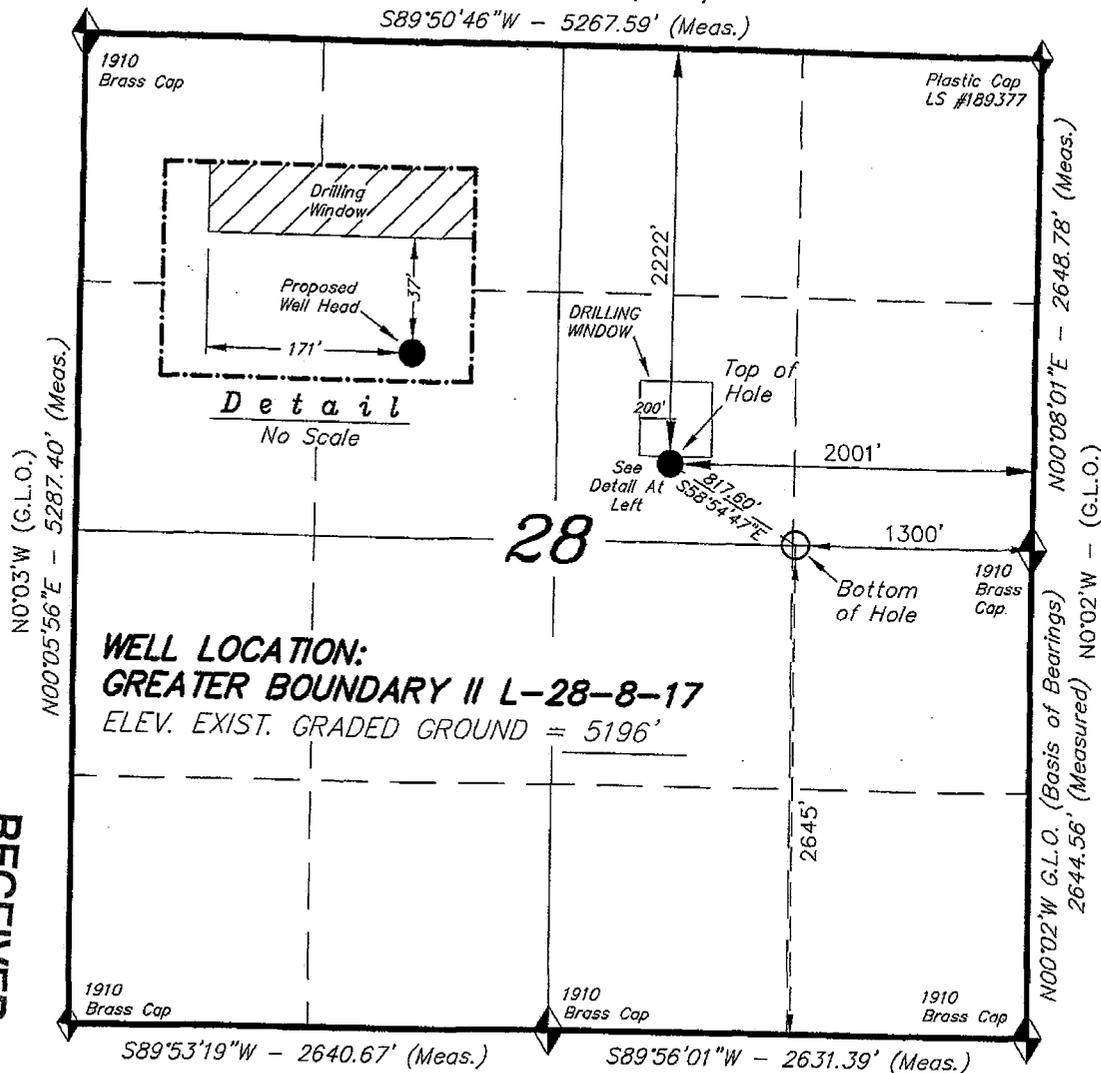
RECEIVED
SEP 29 2008
DIV. OF OIL, GAS & MINING

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

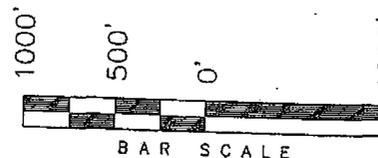
N89°50'W - 79.96 (G.L.O.)
 S89°50'46"W - 5267.59' (Meas.)

NEWFIELD PRODUCTION COMPANY

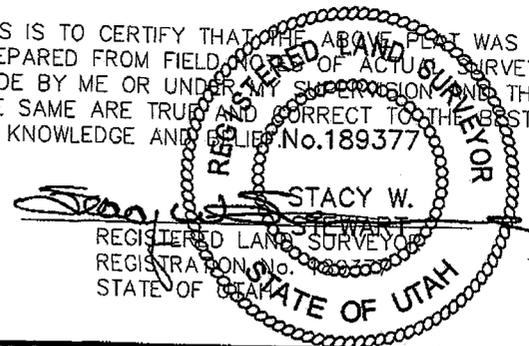
WELL LOCATION, GREATER BOUNDARY II
 L-28-8-17, LOCATED AS SHOWN IN THE
 SW 1/4 NE 1/4 OF SECTION 28, T8S,
 R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



WELL LOCATION:
GREATER BOUNDARY II L-28-8-17
 ELEV. EXIST. GRADED GROUND = 5196'



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



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

DATE SURVEYED: 07-10-08	SURVEYED BY: T.H.
DATE DRAWN: 07-24-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

◆ = SECTION CORNERS LOCATED

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

GREATER BOUNDARY II L-28-8-17
 (Surface Location) NAD 83
 LATITUDE = 40° 05' 24.42"
 LONGITUDE = 110° 00' 33.29"

DIV. OF OIL, GAS & MINING

SEP 29 2008

RECEIVED



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

September 29, 2008

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

Re: Greater Broundary II Federal L-28-8-17 Well, Surface Location 2222' FNL, 2001' FEL, SW NE, Sec. 28, T. 8 South, R. 17 East, Bottom Location 2645' FSL, 1300' FEL, SW NE, Sec. 28, 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 43-013-34096.

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 Boundry II Federal L-28-8-17

API Number: 43-013-34096

Lease: UTU-76241

Surface Location: SW NE Sec. 8 T. 28 South R. 17 East

Bottom Location: SW NE Sec. 8 T. 28 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.

RECEIVED
VERNAL FIELD OFFICE

2008 SEP 19 PM 1 04

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEPT OF THE INTERIOR
BUREAU OF LAND MGMT

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-76241
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. Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Greater Boundary II Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Greater Boundary II Federal L-28-8-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43 013 34096
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/NE 2222' FNL 2001' FEL At proposed prod. zone 2645' FSL 1300' FEL SENE		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 14.3 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 28, T8S R17E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 2635' flse, 3965' flunit	16. No. of Acres in lease 1880.00	12. County or Parish Duchesne
17. Spacing Unit dedicated to this well 20 Acres	13. State UT	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1129'	19. Proposed Depth 6460'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5196' GL	22. Approximate date work will start* 1st Quarter 2009	23. Estimated duration Approximately seven (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, shall be attached to this form:

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 9/15/08
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) Terry Kuzka	Date JAN 16 2009
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the 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.

*(Instructions on reverse)

NOS 8/7/08

AFMSS# 08PP1063A

UDOGM

NOTICE OF APPROVAL

RECEIVED

JAN 27 2009

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:	SWNE, Sec. 28, T9S, R17E (S) SENE, Sec. 28, T9S, R17E (B)
Well No:	Greater Boundary II Fed L-28-8-17	Lease No:	UTU-76241
API No:	43-013-34096	Agreement:	Greater Boundary II Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
NRS/Enviro Scientist:	David Gordon	(435) 781-4424	
NRS/Enviro Scientist:	Christine Cimiluca	(435) 781-4475	

Fax: (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.
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)***

- 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.

SITE SPECIFIC COAs:

None

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

SITE SPECIFIC DOWNHOLE COAs:

- **Newfield Production Co. shall adhere to all referenced requirements in the SOP along with all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal Onshore Oil and Gas Orders. A complete angular deviation and directional survey report shall be submitted to the Vernal BLM field office within 30 days following the completion of the well.**

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_Wellogs@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 ($\frac{1}{4}$ / $\frac{1}{4}$, 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.

Spud

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig
Name/# Ross #29 Submitted By Alvin
Nielsen Phone Number 435-823-
7468
Well Name/Number Greater Boundary II Fed L-28-8-
17
Qtr/Qtr SW/NE Section 28 Township 8S
Range 17E
Lease Serial Number UTU
76241
API Number 43-013-
34096

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

Date/Time 2/14/09 7:00 AM
PM

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

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

Date/Time 2/14/09 1:00 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 Ross Rig # 29 spud the Greater Boundary II Federal L-28-8-17 on 2/14/09 @ 7:00 AM & Run casing around 1:00 PM 2/14/09.

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**

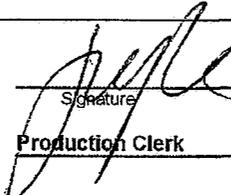
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	172	4304740275	LAMB 1-34-4-1E	NENE	34	4S	1E	UINTAH	2/18/2009	
WELL 1 COMMENTS:											
B	99999	15150 ✓	4301333760	MON BT NE 1-25-8-16 ^{FED}	SENE	25	8S	16E	DUCHESNE	2/18/2009	2/19/09
GRRV BHL = SENE											
A	99999	17285	4304740166	FEDERAL 4-28-8-18	NWNW	28	8S	18E	UINTAH	2/12/2009	2/19/09
GRRV											
A	99999	17286	4304740272	LAMB 4-34-4-1E	NWNW	34	4S	1E	UINTAH	2/17/2009	2/19/09
GRRV											
B	99999	12391 ✓	4301334096	GREATER BOUNDARY II FEDERAL L-28-8-17	SWNE	28	8S	17E	DUCHESNE	2/14/2009	2/19/09
WELL 5 COMMENTS: GRRV BHL = SWNE											
A	99999	17287	4304740274	LAMB 2-34-4-1E	NWNE	34	4S	1E	UINTAH	2/6/2009	2/19/09
WELL 5 COMMENTS: GRRV											

ACTION CODES (See instructions on back of form)

- A - h new entity for new well (single well only)
- B - v 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 - other (explain in comments section)

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

RECEIVED
FEB 19 2009


Signature
Jentri Park
Production Clerk
02/19/09
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Section 28 T8S R17E

5. Lease Serial No.

USA-UTU-76241

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
GREATER BOUNDARY II

8. Well Name and No.

GRTR BNDRY II L-28-8-17

9. API Well No.

4301334096

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

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	

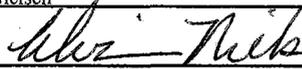
13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical 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 recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 2/14/09 MIRU Ross Rig # 29. Spud well @ 7:00 AM. Drill 330' of 12 1/4" hole with air mist. TIH W/ 8 Jt's 8 5/8" J-55 24 # csgn. Set @ 330.27 KB On 2/21/09 cement with 162 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)

Alvin Nielsen

Signature



Title

Drilling Foreman

Date

02/22/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____

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.

Title

Office

Date

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

MAR 02 2009

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include are code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Section 28 T8S R17E

5. Lease Serial No.

USA UTU-76241

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GREATER BOUNDARY II

8. Well Name and No.

GRTR BNDRY II L-28-8-17

9. API Well No.

4301334096

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

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	Weekly Status Report _____
	<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 recompleat 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 recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 2/27/09 MIRU NDSI Rig # 2. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 290'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6457'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 162 jt's of 5.5 J-55, 15.5# csgn. Set @ 6455.36' / KB. Cement with 250 sks cement mixed @ 11.0 ppg & 3.43 yld. The 425 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 1 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 84,000 #'s tension. Release rig @ 4:00 pm 3/5/09.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Don Bastian

Signature *Don Bastian*

Title

Drilling Foreman

Date

03/05/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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.

Title

Office

Date

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

MAR 16 2009

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-76241

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:
GREATER BOUNDARY II

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
GRTR BNDRY II L-28-8-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301334096

3. ADDRESS OF OPERATOR: PHONE NUMBER
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 435.646.3721

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE:

COUNTY: **DUCHESNE**

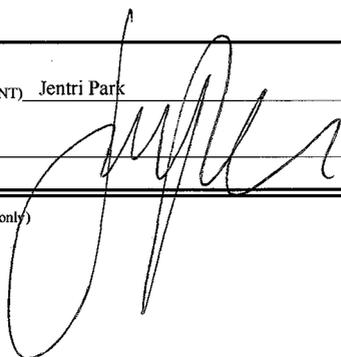
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: , 28, T8S, R17E STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT <small>(Submit in Duplicate)</small> Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEOUENT REPORT <small>(Submit Original Form Only)</small> Date of Work Completion: 05/08/2009	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - 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 04/01/09, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk
SIGNATURE  DATE 05/08/2009

(This space for State use only)

RECEIVED
MAY 12 2009

DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

GRTR BNDRY II L-28-8-17**1/1/2009 To 5/30/2009****3/18/2009 Day: 1****Completion**

Rigless on 3/18/2009 - RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. run CBL. Perforate stage #1, CP2 sds @ 6071-6079' & CP1 sds @ 6019-6024' w/ 3-1/8" Slick Guns (19 gram, .49" HE. 120°) w/ 4 spf for total of 54 shots.- Install 5K 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 @ 6387' & cement top @ 320'. Perforate stage #1, CP2 sds @ 6071-6079' & CP1 sds @ 6019-6024' w/ 3-1/8" Slick Guns (19 gram, .49" HE. 120°) w/ 4 spf for total of 54 shots. 145 bbls EWTR. SIFN.

3/24/2009 Day: 2**Completion**

Rigless on 3/24/2009 - Frac'd first 2 stages.- Stage #1, CP2 sands. RU BJ Services. 187 psi on well. Frac CP2 sds w/ 34,770#'s of 20/40 sand in 467 bbls of Lightning 17 fluid. Broke @ 2836 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1740 psi @ ave rate of 24 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 1853 psi. Leave pressure on well. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 9' perf gun. Set plug @ 5745'. Perforate A3 sds @ 5660-69' w/ 3 1/8" slick guns (19 gram, .40" HE, 120°, 38.87" pen, EXP-3319-322T Titan) w/ 4 spf for total of 36 shots. 612 BWTR

3/24/2009 Day: 2**Completion**

Rigless on 3/24/2009 - Frac'd first 2 stages.- Stage #2, A3 sands. RU BJ Services. 1510 psi on well. Frac A3 sds w/ 85,260#'s of 20/40 sand in 688 bbls of Lightning 17 fluid. Broke @ 1754 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1587 psi @ ave rate of 24 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 1815 psi. Leave pressure on well. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 12' perf gun. Set plug @ 5570'. Perforate B2 sds @ 5506-5518' w/ 3 1/8" slick guns (19 gram, .40" HE, 120°, 38.87" pen, EXP-3319-322T Titan) w/ 4 spf for total of 48 shots. 1300 BWTR

3/25/2009 Day: 3**Completion**

Rigless on 3/25/2009 - Frac remaining 3 stages.- Stage #3, B2 sands. RU BJ Services. 1150 psi on well. Frac B2 sds w/ 14,193#'s of 20/40 sand in 297 bbls of Lightning 17 fluid. Broke @ 3313 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1792 psi @ ave rate of 24.1 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 1690 psi. Leave pressure on well. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 7' perf gun. Set plug @ 5390'. Perforate C sds @ 5310-17' w/ 3 1/8" slick guns (19 gram, .40" HE, 120°, 38.87" pen, EXP-3319-322T Titan) w/ 4 spf for total of 28 shots. 1597 BWTR

3/25/2009 Day: 3**Completion**

Rigless on 3/25/2009 - Frac remaining 3 stages.- Stage #5, GB6 sands. RU BJ Services. 1308 psi on well. Frac GB6 sds w/ 47,562#'s of 20/40 sand in 449 bbls of Lightning 17 fluid. Broke @ 1586 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2082 psi @ ave rate of 24.2 BPM. ISIP 2684 psi. 2340 BWTR. Open well for

immediate flow back @ 3 BPM. Recovered 900 bbls fluid & died. SWIFN. 1440 BWTR.

3/25/2009 Day: 3

Completion

Rigless on 3/25/2009 - Frac remaining 3 stages.- Stage #4, C sands. RU BJ Services. 1530 psi on well. Frac C sds w/ 14,366#'s of 20/40 sand in 294 bbls of Lightning 17 fluid. Broke @ 3990 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2133 psi @ ave rate of 24.1 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 2055 psi. Leave pressure on well. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 9' perf gun. Set plug @ 4730'. Perforate GB6 sds @ 4655-64' w/ 3 1/8" slick guns (19 gram, .40" HE, 120°, 38.87" pen, EXP-3319-322T Titan) w/ 4 spf for total of 36 shots. 1891 BWTR

3/29/2009 Day: 4

Completion

Western #3 on 3/29/2009 - MIRU WWS #3. Drill out first 2 plugs.- MIRU WWS #3. Check pressure on well, 350 psi. Flow well for 1 hour, making oil & gas. RU pump & pump lines. Pump 20 BW down csg. ND frac BOPs & wellhead. NU production wellhead & BOPs. MU 4 3/4" chomp bit. Talley & PU "A" grade 2 7/8" J-55 6.5# 8rd EUE tbg. TIH w/ 9 jts tbg & well began to flow. Circulate well w/ 10 BW. Continue TIH w/ 25 jts tbg & well began to flow. Circulate well clean. Install Circulating head rubber. Continue TIH w/ tbg & tag fill @ 4625'. Clean out 105' of fill to plug @ 4730'. RU power swivel. Drill out plug in 14 min. Continue TIH & tag fill @ 5370', clean out 20' of fill to plug @ 5390'. Drill out plug in 16 min. Circulate well for 90 minutes until clean of sand. SWIFN. Recovered 80 BW, 1520 BWTR.

3/31/2009 Day: 5

Completion

Western #3 on 3/31/2009 - Drill plugs & swab.- Wait on hot oiler, thaw wellhead. Check pressure on well, 450 psi csg, 500 psi tbg. Bleed pressure off well. Pump 20 BW down tbg. Continue PU & TIH w/ tbg. Tag fill @ 5560', clean out to plug @ 5570'. Drill out plug in 20 min. Cont PU & TIH w/ tbg. Tag plug @ 5745', drill out plug in 20 min. Cont PU & TIH w/tbg, tag fill @ 6034', clean out 397' of fill to PBTD @ 6431'. Circulate well clean. RU swab equip. Made 8 swab runs w/ SFL @ surface & EFL @ 700'. Recovered total of 105 bbls fluid w/ 20% oil cut, no sand & good show of gas. Drain pump & pump lines. SWIFN. 1300 BWTR.

4/1/2009 Day: 6

Completion

Western #3 on 4/1/2009 - Place well on production.- Check pressure on well, 275 psi tbg, 350 csg. Circulate well to production tank. PU & TIH to PBTD @ 6325', no fill. Circulate well clean. LD extra tbg. TOOH w/ tbg & LD 4 3/4" chomp bit. PU & TIH w/ production tbg as follows: 2 7/8" NC, 2- jts 2 7/8" J-55 tbg, SN, 1- jt 2 7/8" tbg, TA, 196- jts 2 7/8" J-55 tbg. ND BOPs. Set TA @ 6054' w/ 19,000# tension. NU wellhead. Flush tbg w/ 60 BW. X-over for rods. PU & prime Central Hydraulic 2 1/2" X 1 3/4" X 17' X 20' RHAC rod pump. PU & TIH w/ rods as follows: 21K shear coupling, 4- 1 1/2" weight rods, 239- 7/8" guided rods, 1- 4' X 7/8" pony rod & 1 1/2" X 30' polished rod. RU pumping unit. Stoke test pump w/ unit to 800 psi. PWOP @ 6:00 PM w/ 144" SL & 4 SPM. RD MOSU. **Finalized**

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-76241

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

6. If Indian, Allottee or Tribe Name
NA

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

7. Unit or CA Agreement Name and No.
GREATER BOUNDARY II

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

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

8. Lease Name and Well No.
GB FEDERAL L-28-8-17

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

At surface 2222' FNL & 2001' FEL (SW/NE) SEC. 28, T8S, R17E

10. Field and Pool or Exploratory
MONUMENT BUTTE

At top prod. interval reported below ~~BHL: 2646' FSL & 1300' FEL (NW/SW)~~

11. Sec., T., R., M., on Block and
Survey or Area
SEC. 28, T8S, R17E

At total depth ~~6475' BHL~~ **2545' FSL 1159' FEL NE SE 5-28 T08S R17E**

12. County or Parish
DUCHESNE

13. State
UT

14. Date Spudded
02/14/2009

15. Date T.D. Reached
03/04/2009

16. Date Completed 03/31/2009
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5196' GL 5208' KB

18. Total Depth: MD 6457'
TVD ~~6400'~~ 6367'

19. Plug Back T.D.: MD 6325'
TVD 6236'

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#		330'		162 CLASS G			
7-7/8"	5-1/2" J-55	15.5#		6455'		250 PRIMLITE		320'	
						425 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@ 6151'	TA @ 6054'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER			(CP2) & (CP1) see below	.49"	4	54
B) GREEN RIVER			(A3) 5660-5669'	.49"	4	36
C) GREEN RIVER			(B2) 5506-5518'	.49"	4	48
D) GREEN RIVER			(C) 5310-5317'	.49"	4	28

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

Depth Interval	Amount and Type of Material
6019-6079'	Frac w/ 34770# of 20/40 snd 467 bbls fluid
5660-5669'	Frac w/ 85260# 20/40 snd 688 bbls fluid
5506-5518'	Frac w/ 14193# 20/40 snd 297 bbls fluid
5310-5317'	Frac w/ 14366# 20/40 snd 294 bbls fluid

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
03/31/09	04/15/09	24	→	51	42	33			2-1/2" x 1-3/4" x 17' x 20' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

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

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

28b. Production - Interval C

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

28c. Production - Interval D

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

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

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	4102' 4294'
				GARDEN GULCH 2 POINT 3	4414' 4695'
				X MRKR Y MRKR	4928' 4962'
				DOUGALS CREEK MRK BI CARBONATE MRK	5097' 5346'
				B LIMESTON MRK CASTLE PEAK	5528' 5960'
				BASAL CARBONATE TOTAL DEPTH (LOGGERS)	6382' 6450'

32. Additional remarks (include plugging procedure):

CP2 6071-6079' & CP1 6019-6024'
(GB6) 4655-4664' .49" 4/36 4655-4664' Frac w/ 47562#'s of 20/40 sand in 451 bbls of fluid

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:

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) Tammi Lee Title Production Clerk
 Signature *Tammi Lee* Date 05/13/2009

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 28

GB L-28-8-17

Wellbore #1

Survey: Survey #1

Standard Survey Report

05 March, 2009

HATHAWAY ^{HB} BURNHAM
DIRECTIONAL & MWD SERVICES



Hathaway Burnham

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 28
Well: GB L-28-8-17
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well GB L-28-8-17
TVD Reference: GB L-28-8-17 @ 5208.0ft (EST KB)
MD Reference: GB L-28-8-17 @ 5208.0ft (EST KB)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

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

Site	SECTION 28, SEC 28 T8S, R17E		
Site Position:		Northing:	7,204,800.00ft
From:	Lat/Long	Easting:	2,057,000.00ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	40° 5' 22.277 N
		Longitude:	110° 0' 39.302 W
		Grid Convergence:	0.95 °

Well	GB L-28-8-17, SHL LAT: 40 05 24.42, LONG: -110 00 33.29		
Well Position	+N/-S	0.0 ft	Northing: 7,205,024.58 ft
	+E/-W	0.0 ft	Easting: 2,057,463.52 ft
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft
		Latitude:	40° 5' 24.420 N
		Longitude:	110° 0' 33.290 W
		Ground Level:	0.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	2008/08/26	11.64	65.92	52,608

Design	Wellbore #1				
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	121.99	

Survey Program	Date 2009/03/05				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
356.0	6,457.0	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
356.0	0.77	298.34	356.0	1.1	-2.1	-2.4	0.22	0.22	0.00
386.0	0.53	303.96	386.0	1.3	-2.4	-2.7	0.83	-0.80	18.73
417.0	0.64	323.43	417.0	1.5	-2.6	-3.0	0.73	0.35	62.81
448.0	0.54	324.88	448.0	1.8	-2.8	-3.3	0.33	-0.32	4.68
478.0	0.34	26.82	478.0	2.0	-2.8	-3.5	1.61	-0.67	206.47
509.0	0.44	46.60	509.0	2.1	-2.7	-3.4	0.54	0.32	63.81
540.0	0.83	83.64	540.0	2.3	-2.4	-3.2	1.77	1.26	119.48
570.0	1.23	87.93	570.0	2.3	-1.9	-2.8	1.36	1.33	14.30
601.0	1.54	86.44	601.0	2.3	-1.1	-2.2	1.01	1.00	-4.81
632.0	1.65	93.09	632.0	2.3	-0.3	-1.5	0.69	0.35	21.45
662.0	2.11	107.22	661.9	2.1	0.7	-0.5	2.17	1.53	47.10
693.0	2.35	101.29	692.9	1.8	1.9	0.6	1.07	0.77	-19.13



Hathaway Burnham

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 28
Well: GB L-28-8-17
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well GB L-28-8-17
TVD Reference: GB L-28-8-17 @ 5208.0ft (EST KB)
MD Reference: GB L-28-8-17 @ 5208.0ft (EST KB)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
723.0	2.88	98.48	722.9	1.6	3.2	1.9	1.82	1.77	-9.37
754.0	3.56	103.20	753.8	1.3	4.9	3.5	2.35	2.19	15.23
785.0	3.63	102.41	784.8	0.9	6.8	5.3	0.28	0.23	-2.55
815.0	4.37	103.77	814.7	0.4	8.9	7.3	2.49	2.47	4.53
846.0	4.72	98.78	845.6	-0.1	11.3	9.6	1.70	1.13	-16.10
877.0	5.45	99.00	876.5	-0.5	14.0	12.1	2.36	2.35	0.71
908.0	5.62	99.16	907.3	-1.0	16.9	14.9	0.55	0.55	0.52
940.0	6.24	100.00	939.2	-1.5	20.2	17.9	1.96	1.94	2.63
972.0	6.72	98.61	971.0	-2.1	23.8	21.3	1.58	1.50	-4.34
1,004.0	6.68	95.80	1,002.7	-2.6	27.5	24.7	1.03	-0.13	-8.78
1,035.0	7.47	93.31	1,033.5	-2.9	31.3	28.0	2.73	2.55	-8.03
1,069.0	8.13	92.94	1,067.2	-3.2	35.9	32.1	1.95	1.94	-1.09
1,101.0	8.50	94.01	1,098.9	-3.4	40.5	36.2	1.25	1.16	3.34
1,132.0	8.75	94.15	1,129.5	-3.8	45.1	40.3	0.81	0.81	0.45
1,164.0	9.25	97.33	1,161.1	-4.3	50.1	44.8	2.20	1.56	9.94
1,196.0	9.76	99.42	1,192.7	-5.0	55.3	49.6	1.92	1.59	6.53
1,227.0	10.04	100.76	1,223.2	-6.0	60.6	54.5	1.17	0.90	4.32
1,259.0	10.48	103.09	1,254.7	-7.2	66.2	59.9	1.89	1.38	7.28
1,291.0	11.05	104.67	1,286.1	-8.6	72.0	65.6	2.01	1.78	4.94
1,386.0	11.38	110.03	1,379.3	-14.1	89.6	83.4	1.15	0.35	5.64
1,481.0	12.19	121.00	1,472.3	-22.5	107.0	102.6	2.50	0.85	11.55
1,576.0	12.41	126.14	1,565.2	-33.7	123.8	122.8	1.18	0.23	5.41
1,671.0	12.45	124.67	1,657.9	-45.5	140.5	143.3	0.34	0.04	-1.55
1,766.0	12.25	125.01	1,750.7	-57.1	157.2	163.5	0.22	-0.21	0.36
1,861.0	12.19	123.90	1,843.6	-68.5	173.7	183.6	0.26	-0.06	-1.17
1,957.0	11.51	127.24	1,937.5	-79.9	189.8	203.3	1.01	-0.71	3.48
2,052.0	11.38	132.25	2,030.6	-92.0	204.3	222.0	1.06	-0.14	5.27
2,147.0	11.56	132.00	2,123.7	-104.7	218.3	240.6	0.20	0.19	-0.26
2,242.0	12.35	123.59	2,216.7	-116.6	233.8	260.1	2.01	0.83	-8.85
2,337.0	11.03	118.30	2,309.7	-126.6	250.3	279.3	1.79	-1.39	-5.57
2,432.0	10.11	115.44	2,403.1	-134.5	265.8	296.7	1.11	-0.97	-3.01
2,527.0	9.34	117.34	2,496.7	-141.6	280.2	312.6	0.88	-0.81	2.00
2,622.0	9.70	119.20	2,590.4	-149.0	294.0	328.3	0.50	0.38	1.96
2,717.0	10.61	119.55	2,683.9	-157.3	308.6	345.1	0.96	0.96	0.37
2,812.0	9.95	121.17	2,777.4	-165.8	323.2	362.0	0.76	-0.69	1.71
2,907.0	10.79	125.41	2,870.9	-175.2	337.5	379.1	1.19	0.88	4.46
3,003.0	8.99	123.70	2,965.4	-184.6	351.1	395.5	1.90	-1.88	-1.78
3,098.0	9.29	120.43	3,059.2	-192.6	363.9	410.6	0.63	0.32	-3.44
3,193.0	10.15	122.67	3,152.9	-201.0	377.5	426.7	0.99	0.91	2.36
3,288.0	10.68	123.57	3,246.3	-210.4	391.9	443.8	0.58	0.56	0.95
3,383.0	10.96	123.04	3,339.6	-220.2	406.8	461.7	0.31	0.29	-0.56
3,477.0	10.35	123.88	3,432.0	-229.7	421.3	479.0	0.67	-0.65	0.89
3,572.0	11.14	120.62	3,525.3	-239.2	436.3	496.7	1.05	0.83	-3.43
3,666.0	11.29	122.07	3,617.5	-248.7	451.9	515.0	0.34	0.16	1.54
3,761.0	10.52	124.52	3,710.8	-258.5	466.9	533.0	0.95	-0.81	2.58
3,856.0	10.83	125.68	3,804.2	-268.7	481.3	550.6	0.40	0.33	1.22
3,951.0	10.70	126.97	3,897.5	-279.2	495.6	568.3	0.29	-0.14	1.36
4,046.0	10.74	127.80	3,990.8	-289.9	509.7	585.8	0.17	0.04	0.87
4,141.0	10.35	126.05	4,084.2	-300.3	523.6	603.2	0.53	-0.41	-1.84
4,236.0	10.31	125.83	4,177.7	-310.3	537.3	620.2	0.06	-0.04	-0.23
4,330.0	10.44	126.95	4,270.2	-320.4	551.0	637.0	0.26	0.14	1.19
4,425.0	9.82	130.36	4,363.7	-330.8	564.0	653.6	0.91	-0.65	3.59
4,520.0	10.52	123.70	4,457.2	-340.9	577.4	670.3	1.44	0.74	-7.01
4,616.0	10.06	123.46	4,551.6	-350.4	591.7	687.5	0.48	-0.48	-0.25



Hathaway Burnham

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 28
Well: GB L-28-8-17
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well GB L-28-8-17
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North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,710.0	11.14	121.88	4,644.0	-359.7	606.3	704.7	1.19	1.15	-1.68
4,805.0	11.60	121.35	4,737.2	-369.5	622.2	723.5	0.50	0.48	-0.56
4,900.0	10.66	123.31	4,830.4	-379.3	637.7	741.8	1.07	-0.99	2.06
4,995.0	11.29	121.45	4,923.7	-389.0	653.0	759.9	0.76	0.66	-1.96
5,090.0	10.26	123.55	5,017.0	-398.5	668.0	777.6	1.16	-1.08	2.21
5,185.0	9.80	125.57	5,110.5	-407.9	681.6	794.2	0.61	-0.48	2.13
5,280.0	9.65	130.71	5,204.2	-417.8	694.2	810.1	0.93	-0.16	5.41
5,375.8	8.83	128.04	5,298.7	-427.5	706.1	825.4	0.96	-0.85	-2.79
L-28-8-17 TGT									
5,376.0	8.83	128.03	5,298.9	-427.6	706.1	825.4	0.96	-0.84	-3.05
5,471.0	9.25	128.27	5,392.7	-436.8	717.9	840.2	0.44	0.44	0.25
5,566.0	8.83	128.62	5,486.6	-446.1	729.5	855.1	0.45	-0.44	0.37
5,661.0	8.94	125.34	5,580.4	-454.9	741.3	869.7	0.55	0.12	-3.45
5,756.0	9.43	124.12	5,674.2	-463.5	753.7	884.8	0.56	0.52	-1.28
5,851.0	9.80	124.27	5,767.9	-472.4	766.9	900.7	0.39	0.39	0.16
5,946.0	10.37	124.03	5,861.4	-481.8	780.6	917.3	0.60	0.60	-0.25
6,042.0	9.40	125.79	5,956.0	-491.2	794.1	933.8	1.06	-1.01	1.83
6,137.0	9.69	125.79	6,049.7	-500.4	806.9	949.5	0.31	0.31	0.00
6,232.0	8.02	123.63	6,143.5	-508.7	818.9	964.1	1.79	-1.76	-2.27
6,327.0	7.55	125.68	6,237.6	-516.1	829.5	976.9	0.57	-0.49	2.16
6,402.0	6.83	129.87	6,312.1	-521.8	836.9	986.3	1.19	-0.96	5.59
6,457.0	6.60	129.87	6,366.7	-525.9	841.9	992.6	0.42	-0.42	0.00

Checked By: _____ Approved By: _____ Date: _____

NEWFIELD



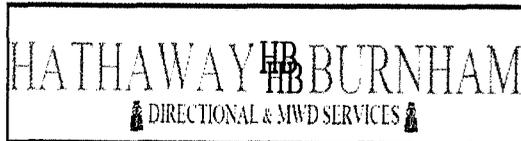
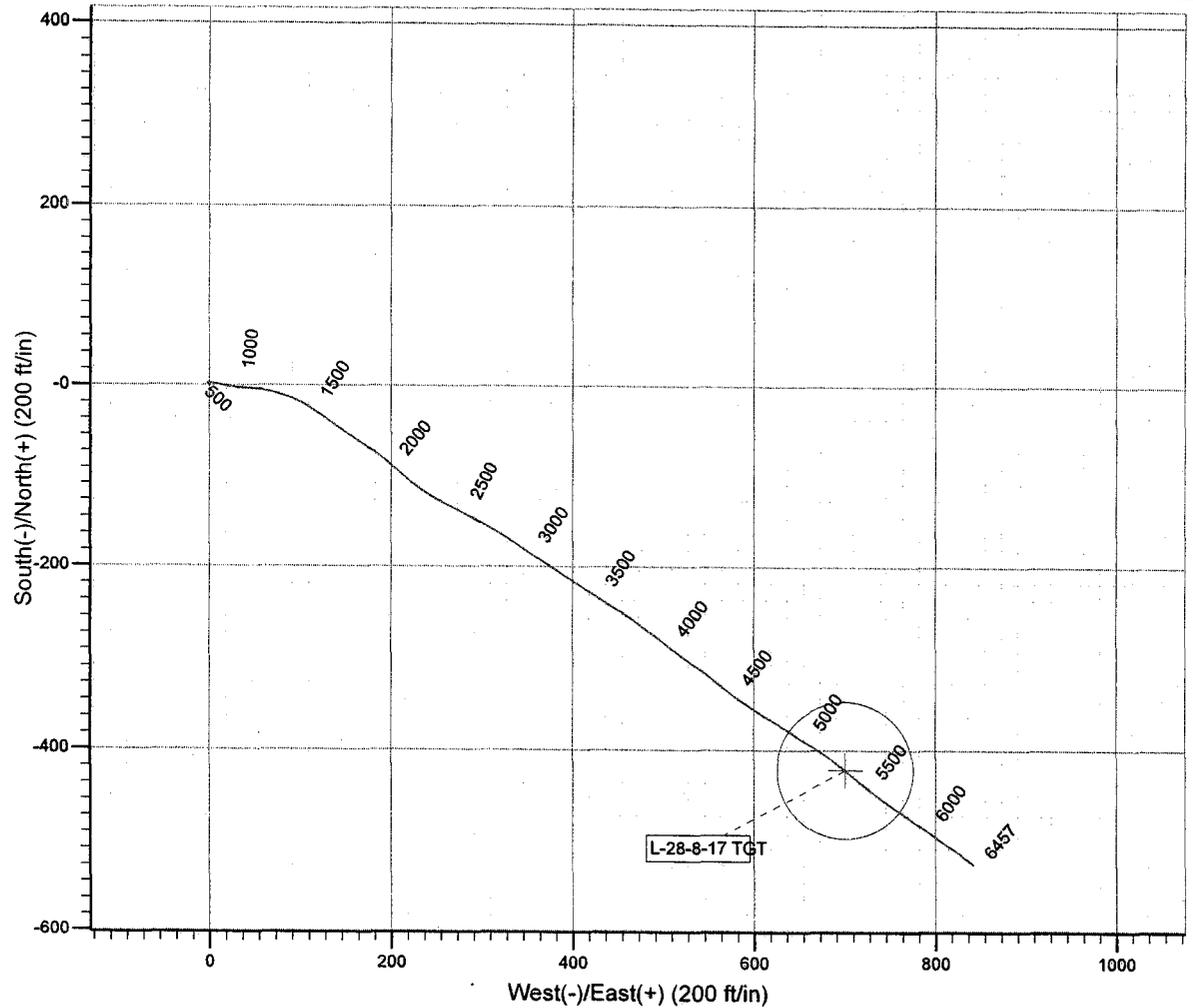
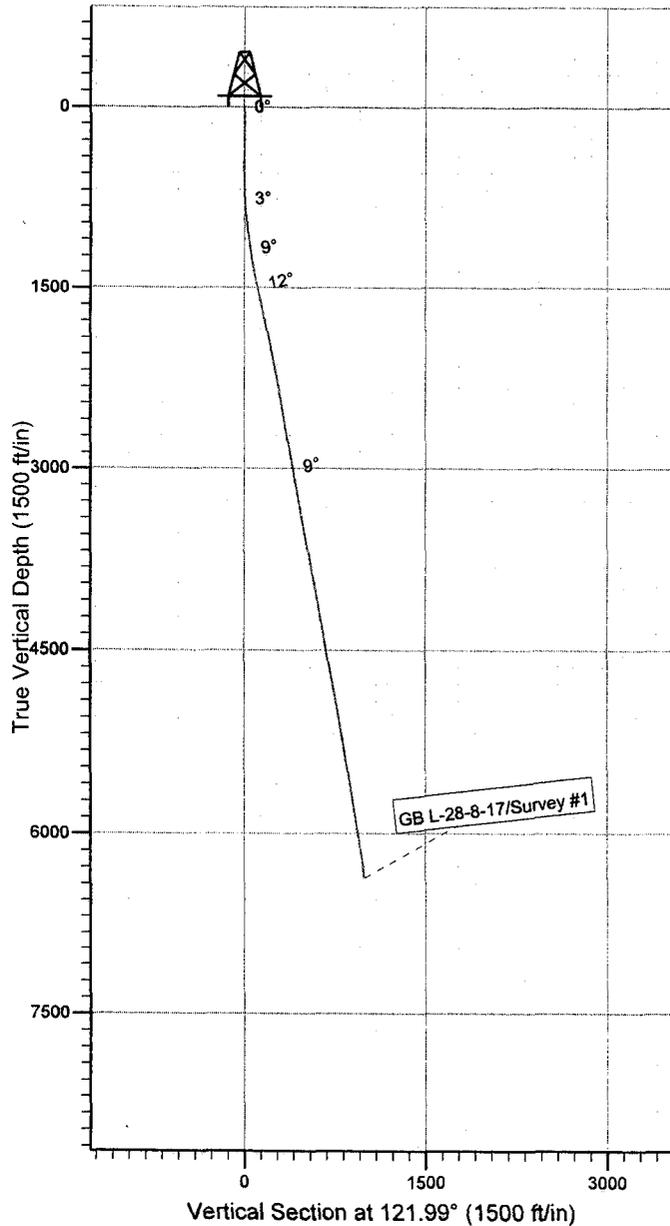
Project: USGS Myton SW (UT)
 Site: SECTION 28
 Well: GB L-28-8-17
 Wellbore: Wellbore #1
 SURVEY: Wellbore #1

FINAL SURVEY REPORT



Azimuths to True North
 Magnetic North: 11.64°

Magnetic Field
 Strength: 52608.0snT
 Dip Angle: 65.92°
 Date: 2008/08/26
 Model: IGRF200510



Survey: Survey #1 (GB L-28-8-17/Wellbore #1)
 Created By: *Jim Hudson* Date: 10:54, March 05 2009
 THIS SURVEY IS CORRECT TO THE BEST OF MY
 KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD
 DATA.

H HEADER INFORMATION -----
H COMPANY : NEWFIELD EXPLORATION
H FIELD : USGS Myton SW (UT)
H SITE : SECTION 28
H WELL : GB L-28-8-17
H WELLPATH: Wellbore #1
H DEPTHUNT: ft
H SURVDATE: 3/5/2009
H DECLINATION CORR.
H = 10.69 TO GRIDH-----

H WELL INFORMATION
H WELL EW MAP : 2057464
H WELL NS MAP : 7205025
H DATUM ELEVN : 5208
H VSECT ANGLE : 121.99
H VSECT NORTH : 0
H VSECT EAST : 0

H-----
H SURVEY TYPE INFORMATION
H 356 - 6457 SURVEY #1 : MWD
H-----

H	SURVEY	LIST						
MD	INC	AZI	TVD	NS	EW	VS	DLS	
	0	0	0	0	0	0	0	0
	356	0.77	298.34	355.99	1.14	-2.11	-2.39	0.22
	386	0.53	303.96	385.99	1.31	-2.4	-2.73	0.83
	417	0.64	323.43	416.99	1.53	-2.62	-3.03	0.73
	448	0.54	324.88	447.98	1.79	-2.81	-3.33	0.33
	478	0.34	26.82	477.98	1.98	-2.85	-3.47	1.61
	509	0.44	46.6	508.98	2.15	-2.72	-3.44	0.54
	540	0.83	83.64	539.98	2.25	-2.41	-3.24	1.77
	570	1.23	87.93	569.98	2.29	-1.87	-2.8	1.36
	601	1.54	86.44	600.97	2.33	-1.12	-2.19	1.01
	632	1.65	93.09	631.95	2.33	-0.26	-1.46	0.69
	662	2.11	107.22	661.94	2.14	0.7	-0.54	2.17
	693	2.35	101.29	692.92	1.85	1.86	0.6	1.07
	723	2.88	98.48	722.88	1.62	3.21	1.87	1.82
	754	3.56	103.2	753.83	1.28	4.92	3.49	2.35
	785	3.63	102.41	784.77	0.85	6.82	5.33	0.28
	815	4.37	103.77	814.7	0.37	8.85	7.31	2.49
	846	4.72	98.78	845.6	-0.1	11.26	9.6	1.7
	877	5.45	99	876.48	-0.53	13.98	12.13	2.36
	908	5.62	99.16	907.34	-1	16.93	14.89	0.55
	940	6.24	100	939.17	-1.55	20.19	17.94	1.96
	972	6.72	98.61	970.96	-2.13	23.75	21.27	1.58
	1004	6.68	95.8	1002.74	-2.6	27.45	24.66	1.03
	1035	7.47	93.31	1033.51	-2.9	31.26	28.05	2.73

1069	8.13	92.94	1067.19	-3.15	35.87	32.09	1.95
1101	8.5	94.01	1098.85	-3.43	40.49	36.15	1.25
1132	8.75	94.15	1129.5	-3.76	45.12	40.26	0.81
1164	9.25	97.33	1161.11	-4.27	50.1	44.75	2.2
1196	9.76	99.42	1192.67	-5.04	55.33	49.59	1.92
1227	10.04	100.76	1223.21	-5.97	60.58	54.54	1.17
1259	10.48	103.09	1254.7	-7.15	66.15	59.89	1.89
1291	11.05	104.67	1286.13	-8.59	71.95	65.57	2.01
1386	11.38	110.03	1379.32	-14.1	89.56	83.43	1.15
1481	12.19	121	1472.33	-22.48	106.97	102.63	2.5
1576	12.41	126.14	1565.15	-33.67	123.81	122.84	1.18
1671	12.45	124.67	1657.93	-45.51	140.48	143.26	0.34
1766	12.25	125.01	1750.73	-57.12	157.15	163.55	0.22
1861	12.19	123.9	1843.58	-68.5	173.73	183.64	0.26
1957	11.51	127.24	1937.53	-79.95	189.77	203.31	1.01
2052	11.38	132.25	2030.64	-91.98	204.26	221.97	1.06
2147	11.56	132	2123.75	-104.66	218.27	240.56	0.2
2242	12.35	123.59	2216.69	-116.65	233.81	260.09	2.01
2337	11.03	118.3	2309.72	-126.58	250.27	279.32	1.79
2432	10.11	115.44	2403.11	-134.47	265.8	296.67	1.11
2527	9.34	117.34	2496.74	-141.59	280.18	312.64	0.88
2622	9.7	119.2	2590.44	-149.03	294.01	328.32	0.5
2717	10.61	119.55	2683.95	-157.25	308.61	345.05	0.96
2812	9.95	121.17	2777.42	-165.81	323.24	362	0.76
2907	10.79	125.41	2870.87	-175.21	337.51	379.08	1.19
3003	8.99	123.7	2965.44	-184.58	351.08	395.55	1.9
3098	9.29	120.43	3059.23	-192.59	363.86	410.63	0.63
3193	10.15	122.67	3152.87	-200.99	377.52	426.67	0.99
3288	10.68	123.57	3246.31	-210.37	391.9	443.84	0.58
3383	10.96	123.04	3339.62	-220.17	406.81	461.67	0.31
3477	10.35	123.88	3431.99	-229.75	421.31	479.04	0.67
3572	11.14	120.62	3525.33	-239.18	436.29	496.75	1.05
3666	11.29	122.07	3617.53	-248.69	451.9	515.02	0.34
3761	10.52	124.52	3710.82	-258.54	466.93	532.99	0.95
3856	10.83	125.68	3804.17	-268.66	481.33	550.56	0.4
3951	10.7	126.97	3897.5	-279.17	495.62	568.25	0.29
4046	10.74	127.8	3990.85	-289.9	509.66	585.84	0.17
4141	10.35	126.05	4084.24	-300.35	523.56	603.16	0.53
4236	10.31	125.83	4177.7	-310.35	537.35	620.16	0.06
4330	10.44	126.95	4270.16	-320.39	550.97	637.04	0.26
4425	9.82	130.36	4363.68	-330.81	564.03	653.63	0.91
4520	10.52	123.7	4457.19	-340.87	577.41	670.31	1.44
4616	10.06	123.46	4551.65	-350.35	591.7	687.45	0.48
4710	11.14	121.88	4644.04	-359.68	606.26	704.74	1.19
4805	11.6	121.35	4737.18	-369.49	622.21	723.47	0.5
4900	10.66	123.31	4830.39	-379.29	637.71	741.8	1.07
4995	11.29	121.45	4923.65	-388.96	652.99	759.89	0.76

5090	10.26	123.55	5016.98	-398.49	667.97	777.64	1.16
5185	9.8	125.57	5110.53	-407.87	681.6	794.17	0.61
5280	9.65	130.71	5204.16	-417.77	694.21	810.11	0.93
5376	8.83	128.03	5298.92	-427.56	706.12	825.39	0.96
5471	9.25	128.27	5392.74	-436.78	717.85	840.23	0.44
5566	8.83	128.62	5486.56	-446.06	729.55	855.06	0.45
5661	8.94	125.34	5580.42	-454.88	741.26	869.68	0.55
5756	9.43	124.12	5674.2	-463.51	753.73	884.82	0.56
5851	9.8	124.27	5767.86	-472.43	766.85	900.68	0.39
5946	10.37	124.03	5861.4	-481.77	780.62	917.3	0.6
6042	9.4	125.79	5955.97	-491.19	794.14	933.76	1.06
6137	9.69	125.79	6049.65	-500.4	806.92	949.48	0.31
6232	8.02	123.63	6143.52	-508.75	818.92	964.08	1.79
6327	7.55	125.68	6237.64	-516.06	829.51	976.93	0.57
6402	6.83	129.87	6312.05	-521.79	836.93	986.27	1.19
6457	6.6	129.87	6366.68	-525.91	841.87	992.64	0.42