

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-74871	
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 B-3-9-17	
9. API Well No. 43-013-34084	
10. Field and Pool, or Exploratory Monument Butte	11. Sec., T., R., M., or Blk. and Survey or Area Sec. 3, T9S R17E
12. County or Parish Duchesne	13. State UT
14. Distance in miles and direction from nearest town or post office* Approximatley 14.8 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. 20' f/lse, 1190' f/unit	16. No. of Acres in lease 120.06
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. 1453'
19. Proposed Depth 6175'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5095' GL	22. Approximate date work will start* 4th Quarter 2008
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 8/28/08
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 12-22-08
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)

Sub f

586610X
4435270Y
40.065127
-109.984426

BHIL

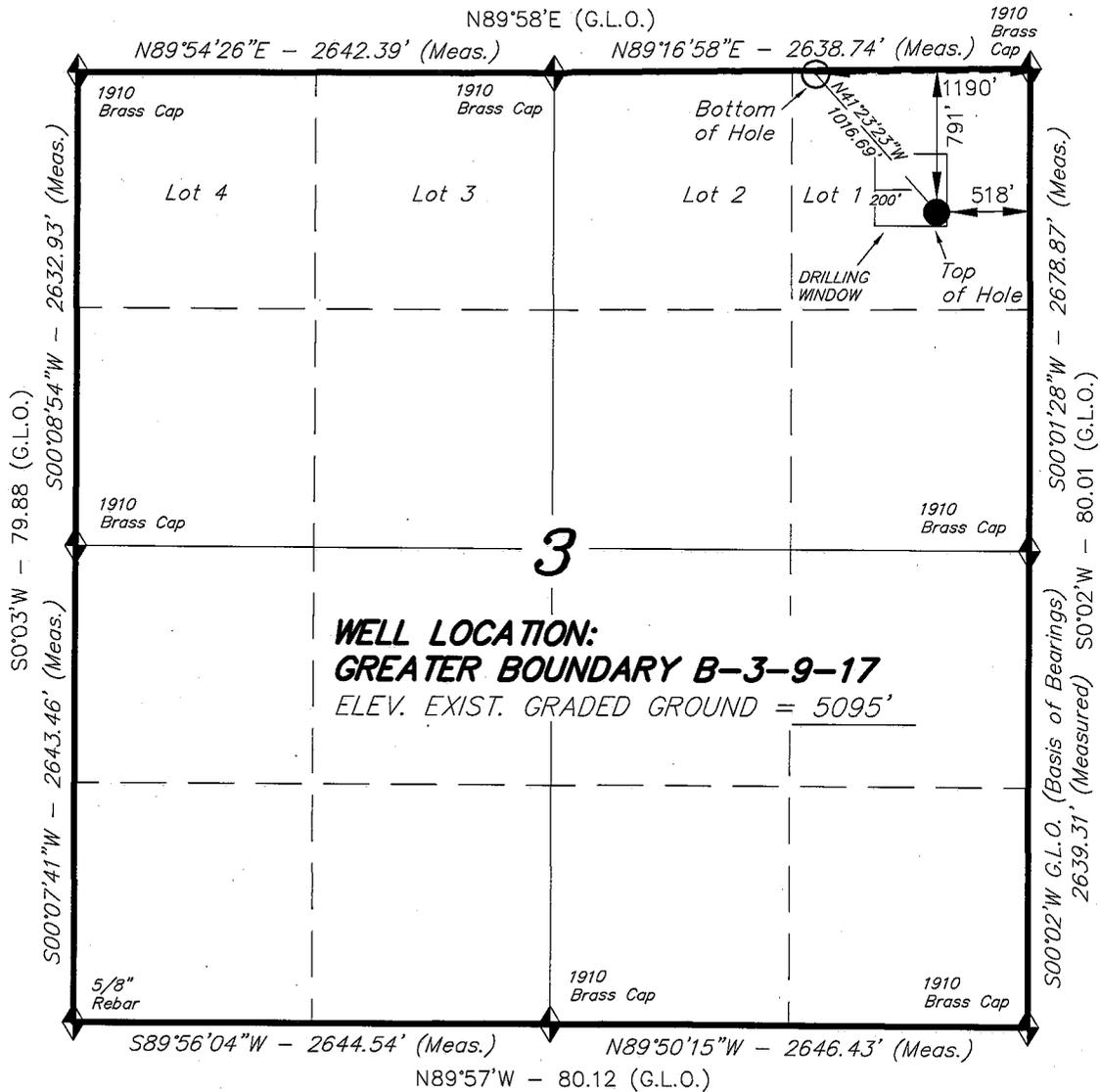
586402X
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-109.986829

Federal Approval of this
Action is Necessary

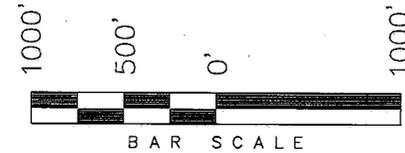
RECEIVED
SEP 08 2008
DIV. OF OIL, GAS & MINING

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

NEWFIELD PRODUCTION COMPANY



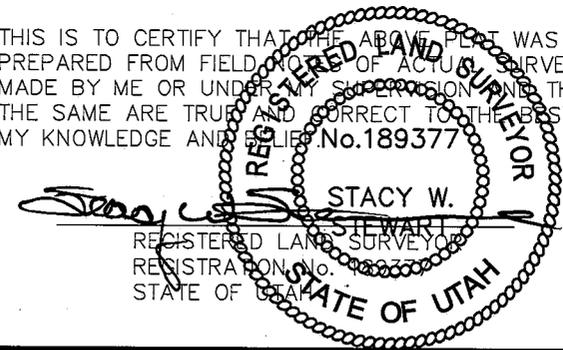
WELL LOCATION, GREATER BOUNDARY B-3-9-17, LOCATED AS SHOWN IN THE NE 1/4 NE 1/4 (LOT 1) OF SECTION 3, T9S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



Note:

- The bottom of hole footages are 20' FNL & 1190' FEL.

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: 05-07-08	SURVEYED BY: T.H.
DATE DRAWN: 05-14-08	DRAWN BY: F.T.M.
REVISED: 06-04-08 F.T.M.	SCALE: 1" = 1000'

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
 U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

GREATER BOUNDARY B-3-9-17
 (Surface Location) NAD 83
 LATITUDE = 40° 03' 54.34"
 LONGITUDE = 109° 59' 06.43"

NEWFIELD PRODUCTION COMPANY
GREATER BOUNDARY II FEDERAL B-3-9-17
AT SURFACE: NE/NE (LOT #1) SECTION 3, T9S, 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' – 1487'
Green River	1487'
Wasatch	6175'

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

Green River Formation 1487' – 6175' - 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 B-3-9-17
AT SURFACE: NE/NE (LOT #1) SECTION 3, T9S, R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Greater Boundary II Federal B-3-9-17 located in the NE 1/4 NE 1/4 Section 3, T9S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly - 11.8 miles \pm to its junction with an existing dirt road to the northeast; proceed northeasterly - 1.6 miles \pm to its junction with the beginning of the access road to the existing Greater Boundary Federal 1A-3-9-17 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 Greater Boundary Federal 1A-3-9-17 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 Greater Boundary Federal 1A-3-9-17 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 B-3-9-17. 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 B-3-9-17 will be drilled off of the existing Greater Boundary Federal 1A-3-9-17 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**

Newfield Production Company requests 320' of disturbed area be granted in Lease UTU-74871 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP. In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #05-69, 3/22/05. Paleontological Resource Survey prepared by, Wade E. Miller, 5/11/08. See attached report cover pages, **Exhibit "D"**.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), State of Utah approved surface disposal facilities, or Federally approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Golden Eagle: Due to this proposed well access roads proximity (less than 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between Feb 1 and July 15. If the nest remains inactive on July 15th (based on a pre-construction

survey by a qualified biologist), the operator may construct and drill the location between July 15 and Feb. 1 of the following year. If the nest site becomes active prior to July 15, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Reserve Pit Liner

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

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

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

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

Details of the On-Site Inspection

The proposed Greater Boundary II Federal B-3-9-17 was on-sited on 7/16/08. The following were present; Kevan Stevens (Newfield Production), Michael Cutler (Bureau of Land Management), Brandon McDonald (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

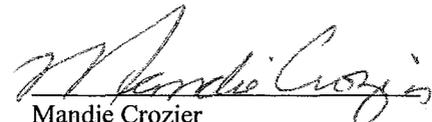
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #B-3-9-17 NE/NE Section 3, Township 9S, Range 17E: Lease UTU-74871 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.

8/28/08

Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

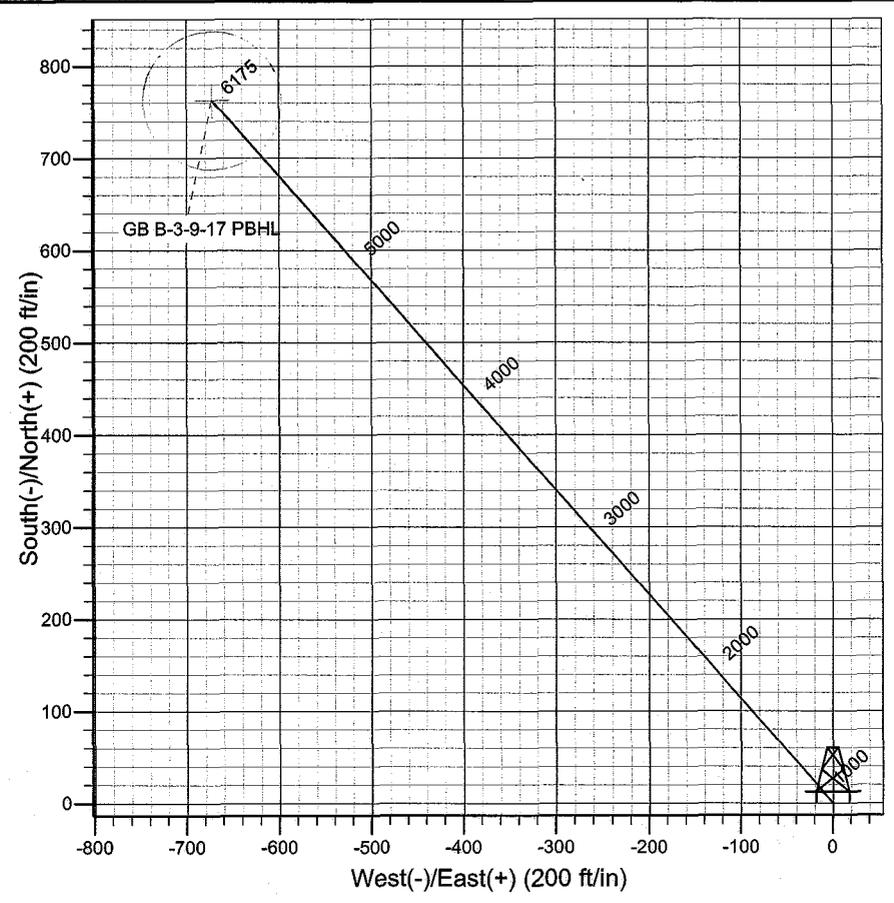
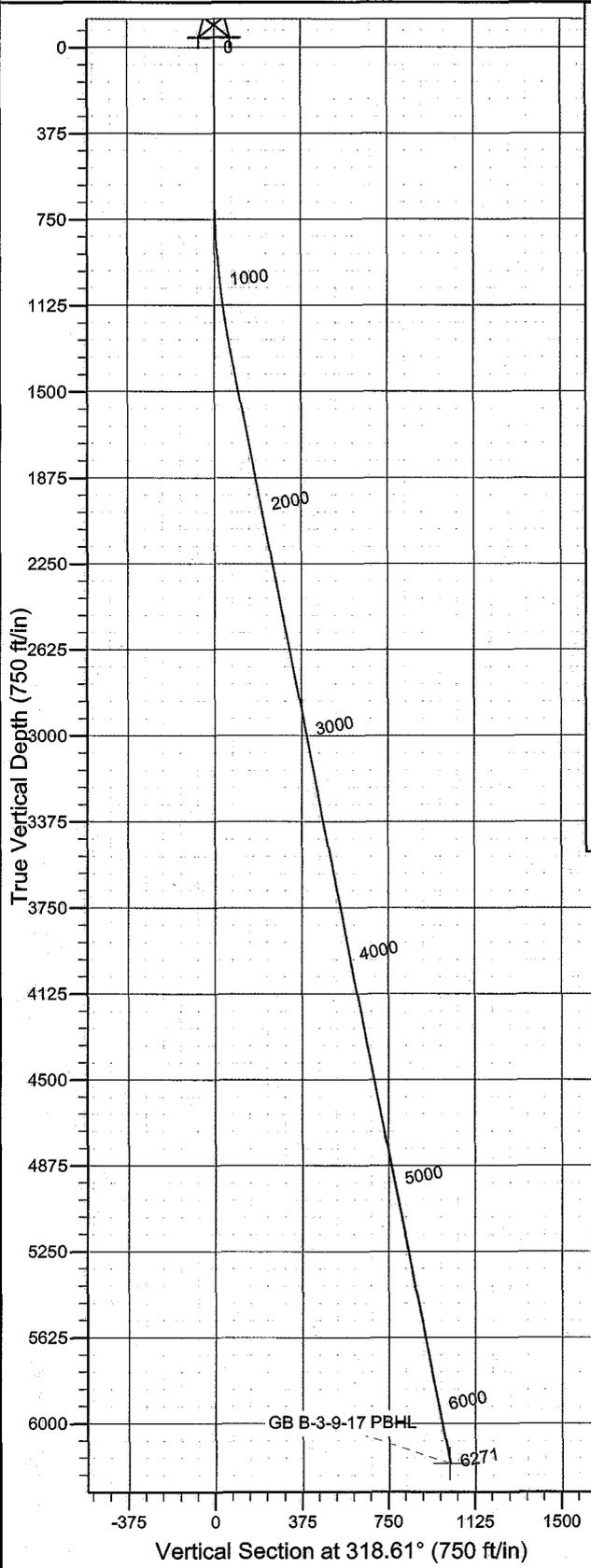


Azimuths to True North
 Magnetic North: 11.64°

Magnetic Field
 Strength: 52608.7snT
 Dip Angle: 65.91°
 Date: 2008/07/18
 Model: IGRF2005-10

WELL DETAILS: Greater Boundary B-3-9-17

GL 5095' & RKB 12' @ 5107.00ft 5095.00
 +N/-S 0.00 +E/-W 0.00 Northing 7196039.18 Easting 2064371.26 Latitude 40° 3' 54.340 N Longitude 109° 59' 6.430 W



Plan: Plan #1 (Greater Boundary B-3-9-17/OH)
 Created By: Julie Cruse Date: 2008-07-18
 PROJECT DETAILS: Duchesne County, UT NAD83 UTC
 Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: Utah Central Zone
 Location:
 System Datum: Mean Sea Level
 Local North: True

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
1336.76	11.05	318.61	1332.20	53.14	-46.83	1.50	318.61	70.83	
6271.06	11.05	318.61	6175.00	762.75	-672.22	0.00	0.00	1016.69	GB B-3-9-17 PBHL

Newfield Exploration Co.

Duchesne County, UT NAD83 UTC

Greater Boundary

Greater Boundary B-3-9-17

OH

Plan: Plan #1

Standard Planning Report

18 July, 2008

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Greater Boundary
Well: Greater Boundary B-3-9-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Greater Boundary B-3-9-17
TVD Reference: GL 5095' & RKB 12' @ 5107.00ft
MD Reference: GL 5095' & RKB 12' @ 5107.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Project	Duchesne County, UT NAD83 UTC		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	Greater Boundary				
Site Position:		Northing:	7,202,495.58 ft	Latitude:	40° 4' 59.260 N
From:	Lat/Long	Easting:	2,057,628.96 ft	Longitude:	110° 0' 31.760 W
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence:	0.96 °

Well	Greater Boundary B-3-9-17, 791' FNL 518' FEL Sec 3 T9S R17E					
Well Position	+N/-S	0.00 ft	Northing:	7,196,039.18 ft	Latitude:	40° 3' 54.340 N
	+E/-W	0.00 ft	Easting:	2,064,371.26 ft	Longitude:	109° 59' 6.430 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,095.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2008/07/18	11.64	65.91	52,609

Design	Plan #1				
Audit Notes:					
Version:	Phase:	PLAN	Tie On Depth:	0.00	
Vertical Section:	Depth From (TVD)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	318.61	

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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,336.76	11.05	318.61	1,332.20	53.14	-46.83	1.50	1.50	0.00	318.61	
6,271.06	11.05	318.61	6,175.00	762.75	-672.22	0.00	0.00	0.00	0.00	GB B-3-9-17 PBHL

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Greater Boundary
Well: Greater Boundary B-3-9-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Greater Boundary B-3-9-17
TVD Reference: GL 5095' & RKB 12' @ 5107.00ft
MD Reference: GL 5095' & RKB 12' @ 5107.00ft
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)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	1.50	318.61	699.99	0.98	-0.87	1.31	1.50	1.50	0.00
800.00	3.00	318.61	799.91	3.93	-3.46	5.23	1.50	1.50	0.00
900.00	4.50	318.61	899.69	8.83	-7.79	11.77	1.50	1.50	0.00
1,000.00	6.00	318.61	999.27	15.70	-13.84	20.92	1.50	1.50	0.00
1,100.00	7.50	318.61	1,098.57	24.52	-21.61	32.68	1.50	1.50	0.00
1,200.00	9.00	318.61	1,197.54	35.28	-31.09	47.03	1.50	1.50	0.00
1,300.00	10.50	318.61	1,296.09	47.99	-42.29	63.96	1.50	1.50	0.00
1,336.76	11.05	318.61	1,332.20	53.14	-46.83	70.83	1.50	1.50	0.00
1,400.00	11.05	318.61	1,394.27	62.24	-54.85	82.96	0.00	0.00	0.00
1,500.00	11.05	318.61	1,492.41	76.62	-67.52	102.13	0.00	0.00	0.00
1,600.00	11.05	318.61	1,590.56	91.00	-80.20	121.29	0.00	0.00	0.00
1,700.00	11.05	318.61	1,688.70	105.38	-92.87	140.46	0.00	0.00	0.00
1,800.00	11.05	318.61	1,786.85	119.76	-105.55	159.63	0.00	0.00	0.00
1,900.00	11.05	318.61	1,885.00	134.14	-118.22	178.80	0.00	0.00	0.00
2,000.00	11.05	318.61	1,983.14	148.52	-130.89	197.97	0.00	0.00	0.00
2,100.00	11.05	318.61	2,081.29	162.90	-143.57	217.14	0.00	0.00	0.00
2,200.00	11.05	318.61	2,179.43	177.28	-156.24	236.31	0.00	0.00	0.00
2,300.00	11.05	318.61	2,277.58	191.67	-168.92	255.48	0.00	0.00	0.00
2,400.00	11.05	318.61	2,375.72	206.05	-181.59	274.65	0.00	0.00	0.00
2,500.00	11.05	318.61	2,473.87	220.43	-194.27	293.82	0.00	0.00	0.00
2,600.00	11.05	318.61	2,572.01	234.81	-206.94	312.98	0.00	0.00	0.00
2,700.00	11.05	318.61	2,670.16	249.19	-219.61	332.15	0.00	0.00	0.00
2,800.00	11.05	318.61	2,768.31	263.57	-232.29	351.32	0.00	0.00	0.00
2,900.00	11.05	318.61	2,866.45	277.95	-244.96	370.49	0.00	0.00	0.00
3,000.00	11.05	318.61	2,964.60	292.33	-257.64	389.66	0.00	0.00	0.00
3,100.00	11.05	318.61	3,062.74	306.71	-270.31	408.83	0.00	0.00	0.00
3,200.00	11.05	318.61	3,160.89	321.10	-282.98	428.00	0.00	0.00	0.00
3,300.00	11.05	318.61	3,259.03	335.48	-295.66	447.17	0.00	0.00	0.00
3,400.00	11.05	318.61	3,357.18	349.86	-308.33	466.34	0.00	0.00	0.00
3,500.00	11.05	318.61	3,455.32	364.24	-321.01	485.51	0.00	0.00	0.00
3,600.00	11.05	318.61	3,553.47	378.62	-333.68	504.67	0.00	0.00	0.00
3,700.00	11.05	318.61	3,651.62	393.00	-346.36	523.84	0.00	0.00	0.00
3,800.00	11.05	318.61	3,749.76	407.38	-359.03	543.01	0.00	0.00	0.00
3,900.00	11.05	318.61	3,847.91	421.76	-371.70	562.18	0.00	0.00	0.00
4,000.00	11.05	318.61	3,946.05	436.14	-384.38	581.35	0.00	0.00	0.00
4,100.00	11.05	318.61	4,044.20	450.53	-397.05	600.52	0.00	0.00	0.00
4,200.00	11.05	318.61	4,142.34	464.91	-409.73	619.69	0.00	0.00	0.00
4,300.00	11.05	318.61	4,240.49	479.29	-422.40	638.86	0.00	0.00	0.00
4,400.00	11.05	318.61	4,338.63	493.67	-435.07	658.03	0.00	0.00	0.00
4,500.00	11.05	318.61	4,436.78	508.05	-447.75	677.20	0.00	0.00	0.00
4,600.00	11.05	318.61	4,534.93	522.43	-460.42	696.36	0.00	0.00	0.00
4,700.00	11.05	318.61	4,633.07	536.81	-473.10	715.53	0.00	0.00	0.00
4,800.00	11.05	318.61	4,731.22	551.19	-485.77	734.70	0.00	0.00	0.00
4,900.00	11.05	318.61	4,829.36	565.57	-498.45	753.87	0.00	0.00	0.00
5,000.00	11.05	318.61	4,927.51	579.96	-511.12	773.04	0.00	0.00	0.00
5,100.00	11.05	318.61	5,025.65	594.34	-523.79	792.21	0.00	0.00	0.00
5,200.00	11.05	318.61	5,123.80	608.72	-536.47	811.38	0.00	0.00	0.00

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Greater Boundary
Well: Greater Boundary B-3-9-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Greater Boundary B-3-9-17
TVD Reference: GL 5095' & RKB 12' @ 5107.00ft
MD Reference: GL 5095' & RKB 12' @ 5107.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.00	11.05	318.61	5,221.94	623.10	-549.14	830.55	0.00	0.00	0.00
5,400.00	11.05	318.61	5,320.09	637.48	-561.82	849.72	0.00	0.00	0.00
5,500.00	11.05	318.61	5,418.24	651.86	-574.49	868.88	0.00	0.00	0.00
5,600.00	11.05	318.61	5,516.38	666.24	-587.16	888.05	0.00	0.00	0.00
5,700.00	11.05	318.61	5,614.53	680.62	-599.84	907.22	0.00	0.00	0.00
5,800.00	11.05	318.61	5,712.67	695.00	-612.51	926.39	0.00	0.00	0.00
5,900.00	11.05	318.61	5,810.82	709.38	-625.19	945.56	0.00	0.00	0.00
6,000.00	11.05	318.61	5,908.96	723.77	-637.86	964.73	0.00	0.00	0.00
6,100.00	11.05	318.61	6,007.11	738.15	-650.54	983.90	0.00	0.00	0.00
6,200.00	11.05	318.61	6,105.25	752.53	-663.21	1,003.07	0.00	0.00	0.00
6,271.06	11.05	318.61	6,175.00	762.75	-672.22	1,016.69	0.00	0.00	0.00

Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
GB B-3-9-17 PBHL - hit/miss target - Shape - plan hits target center - Circle (radius 75.00)	0.00	0.00	6,175.00	762.75	-672.22	7,196,790.43	2,063,686.22	40° 4' 1.878 N	109° 59' 15.077 W

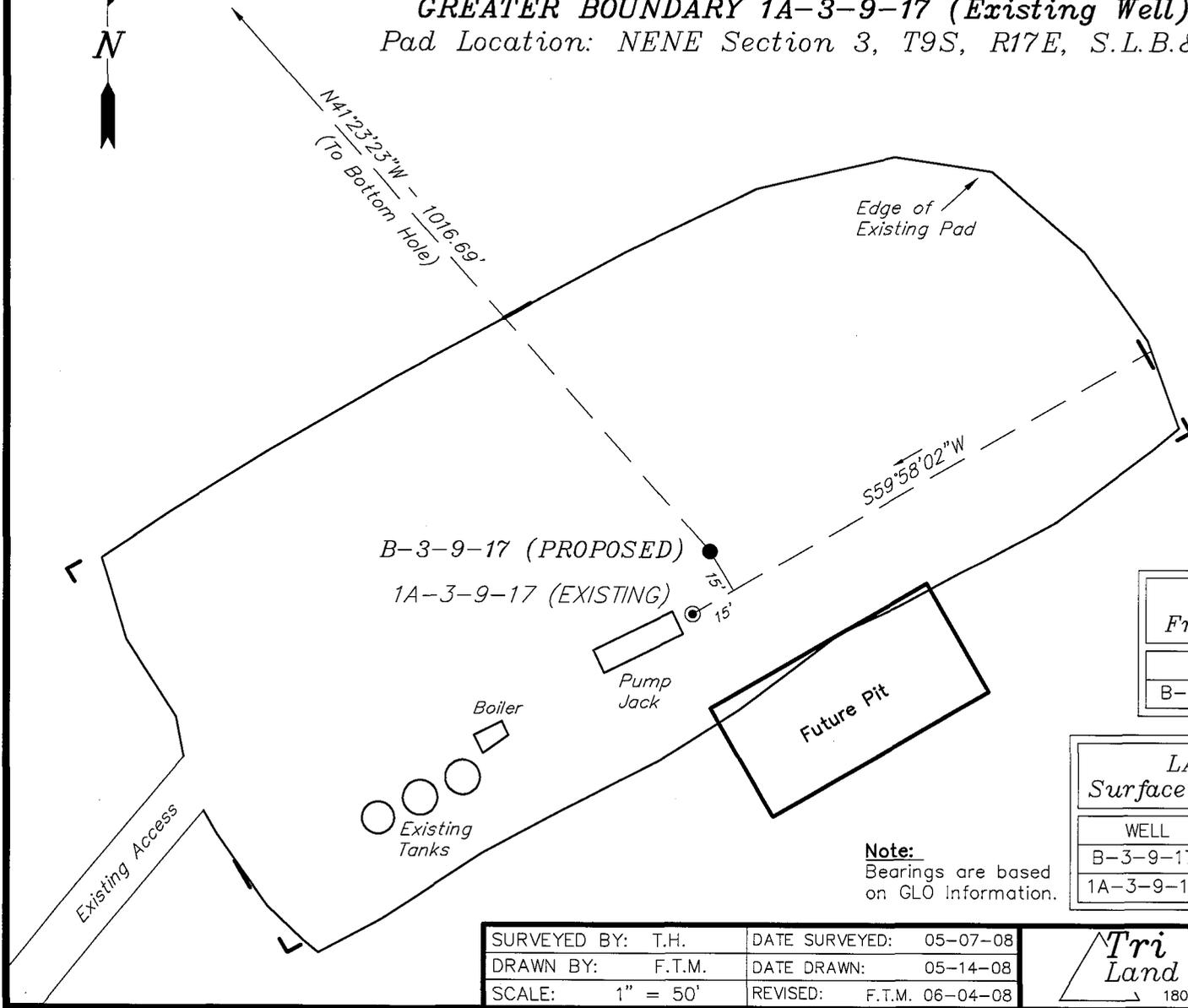
NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

GREATER BOUNDARY B-3-9-17 (Proposed Well)

GREATER BOUNDARY 1A-3-9-17 (Existing Well)

Pad Location: NENE Section 3, T9S, R17E, S.L.B.&M.



TOP HOLE FOOTAGES
 B-3-9-17 (PROPOSED)
 791' FNL & 518' FEL

BOTTOM HOLE FOOTAGES
 B-3-9-17 (PROPOSED)
 20' FNL & 1190' FEL

RELATIVE COORDINATES
 From top hole to bottom hole

WELL	NORTH	EAST
B-3-9-17	763'	-672'

LATITUDE & LONGITUDE
 Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
B-3-9-17	40° 03' 54.34"	109° 59' 06.43"
1A-3-9-17	40° 03' 54.13"	109° 59' 06.49"

Note:
 Bearings are based on GLO Information.

SURVEYED BY: T.H.	DATE SURVEYED: 05-07-08
DRAWN BY: F.T.M.	DATE DRAWN: 05-14-08
SCALE: 1" = 50'	REVISED: F.T.M. 06-04-08

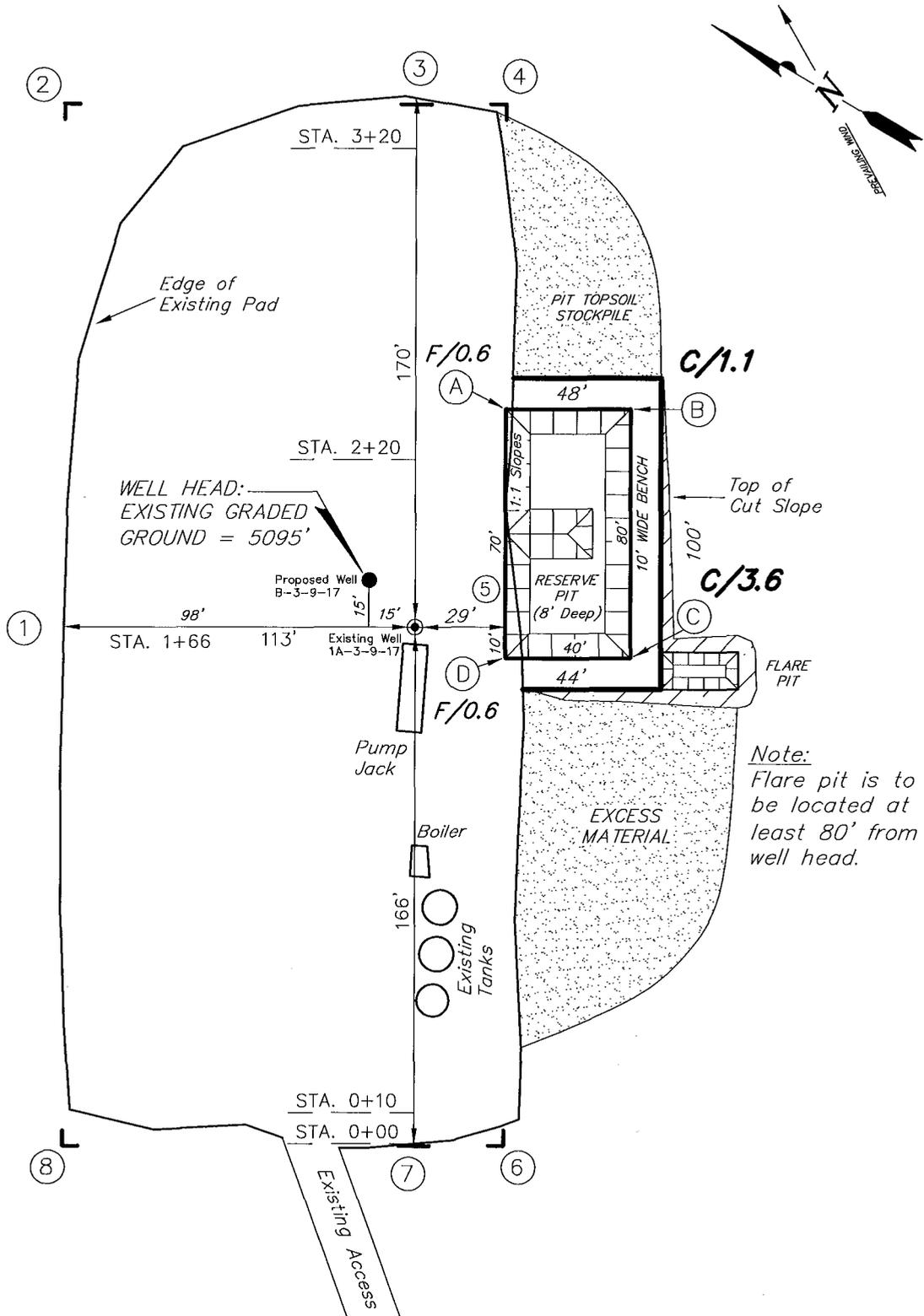
Tri State (435) 781-2501
 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

GREATER BOUNDARY B-3-9-17 (Proposed Well)

GREATER BOUNDARY 1A-3-9-17 (Existing Well)

Pad Location: NENE Section 3, T9S, R17E, S.L.B.&M.



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

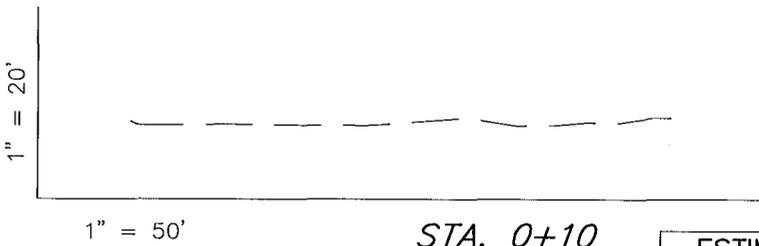
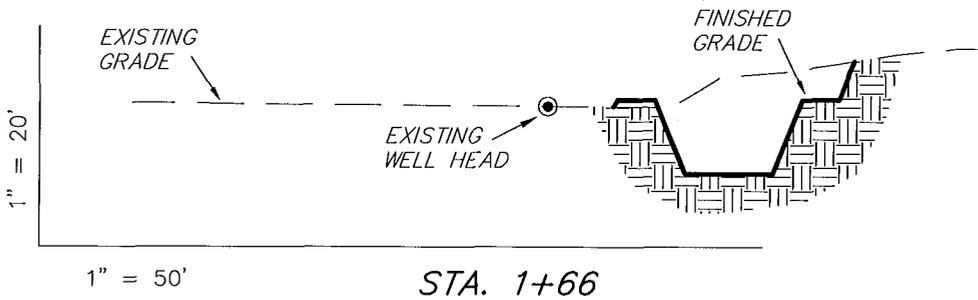
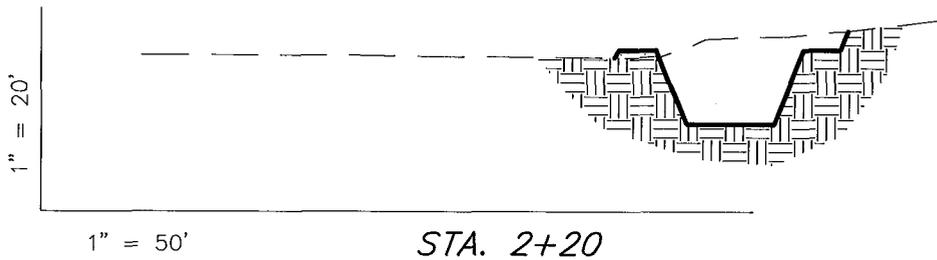
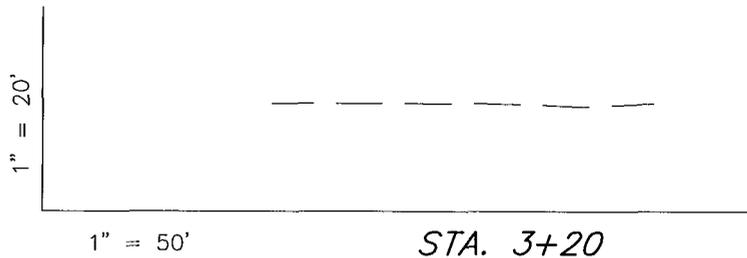
SURVEYED BY: T.H.	DATE SURVEYED: 05-07-08
DRAWN BY: F.T.M.	DATE DRAWN: 05-14-08
SCALE: 1" = 50'	REVISED: F.T.M. 06-04-08

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

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

GREATER BOUNDARY B-3-9-17 (Proposed Well)
 GREATER BOUNDARY 1A-3-9-17 (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	410	40	Topsoil is not included in Pad Cut	370
PIT	640	0		640
TOTALS	1,050	40	130	1,010

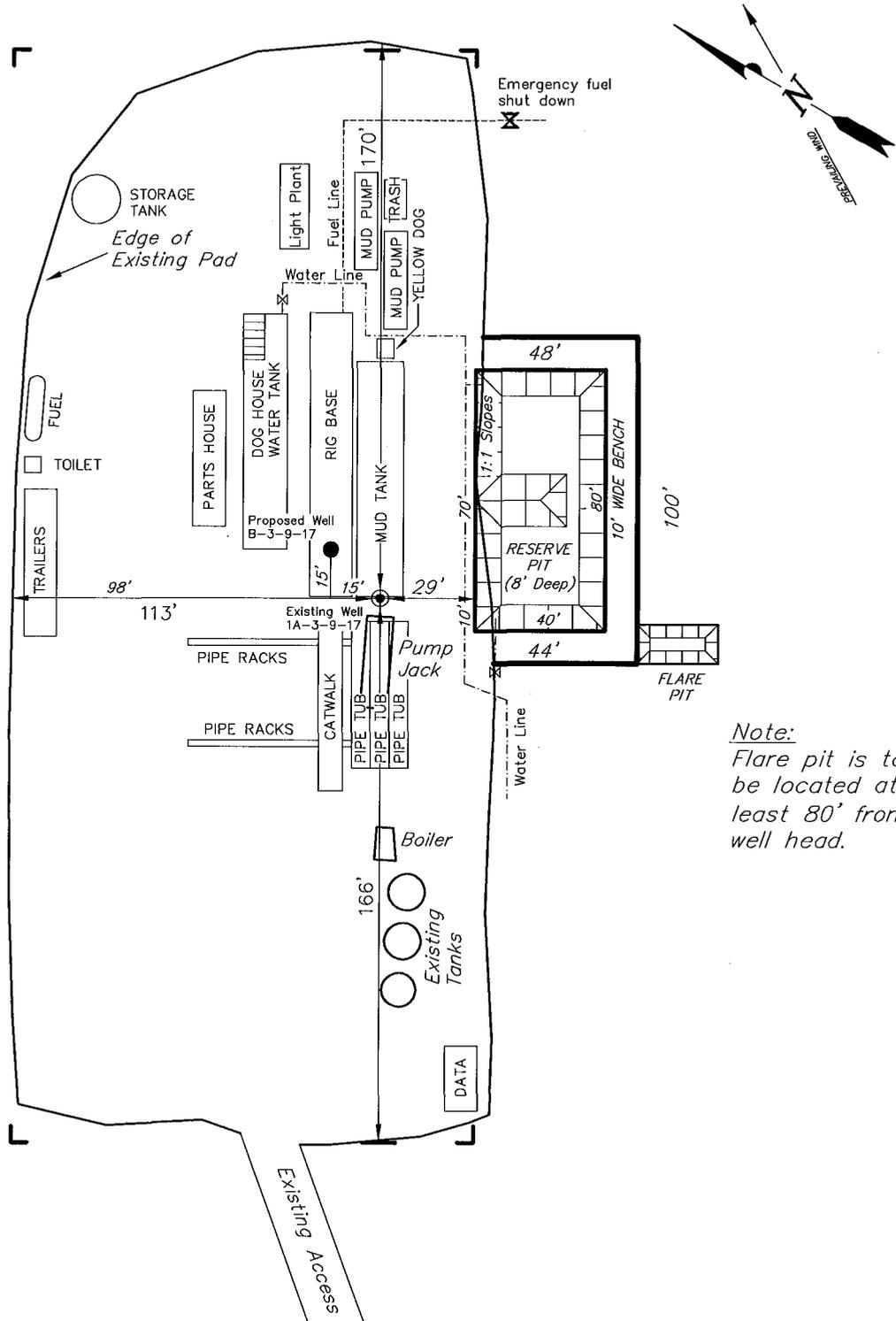
SURVEYED BY: T.H.	DATE SURVEYED: 05-07-08
DRAWN BY: F.T.M.	DATE DRAWN: 05-14-08
SCALE: 1" = 50'	REVISED:

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

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

GREATER BOUNDARY B-3-9-17 (Proposed Well)
 GREATER BOUNDARY 1A-3-9-17 (Existing Well)



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

SURVEYED BY: T.H.	DATE SURVEYED: 05-07-08
DRAWN BY: F.T.M.	DATE DRAWN: 05-14-08
SCALE: 1" = 50'	REVISED: F.T.M. 06-04-08

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

Newfield Production Company Proposed Site Facility Diagram

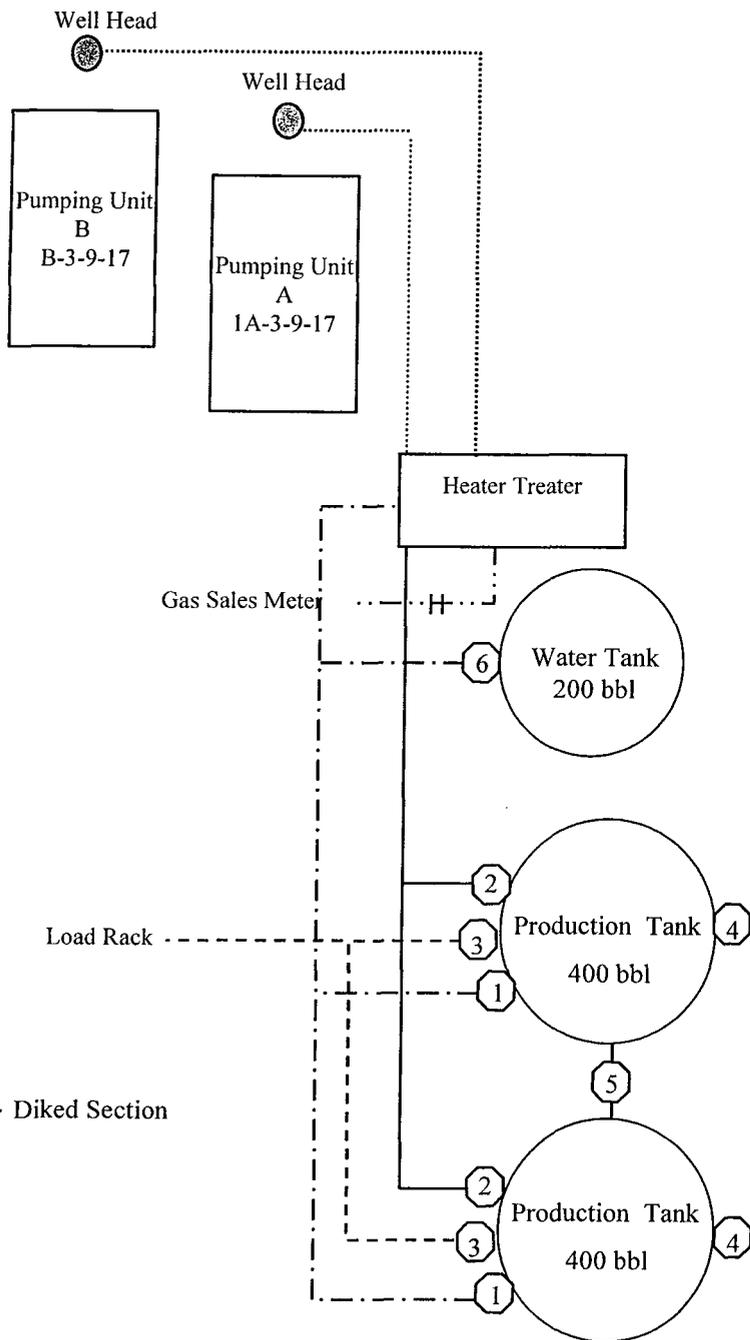
Greater Boundary II Federal B-3-9-17

From the 1A-3-9-17 Location

NE/NE Sec. 3 T9S, R17E

Duchesne County, Utah

UTU-74871



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:

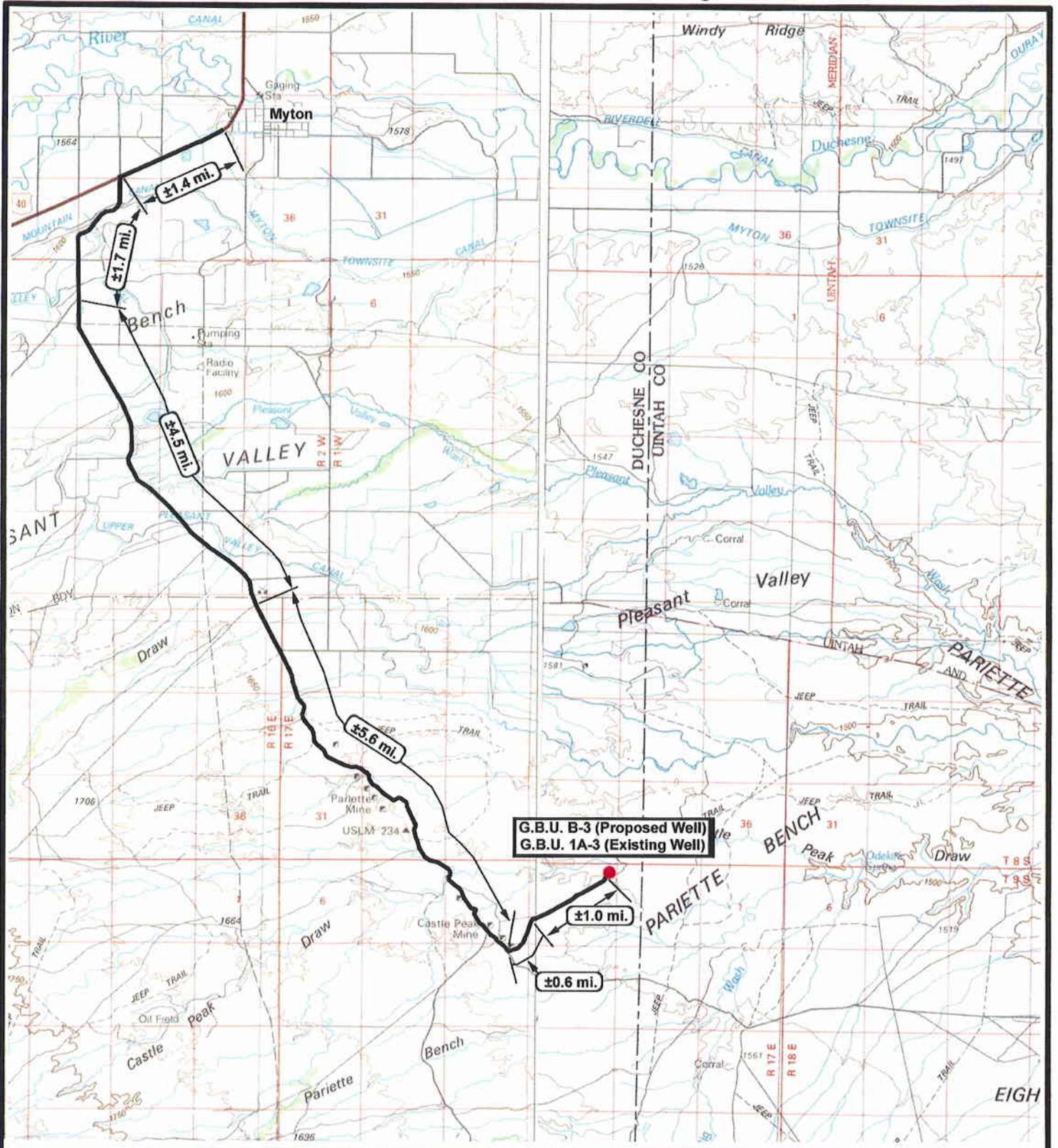
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valves 1 and 6 open

Legend

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



G.B.U. B-3 (Proposed Well)
 G.B.U. 1A-3 (Existing Well)



Greater Boundary B-3-9-17 (Proposed Well)
 Greater Boundary 1A-3-9-17 (Existing Well)
 Pad Location NENE SEC. 3, T9S, R17E, S.L.B.&M.



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

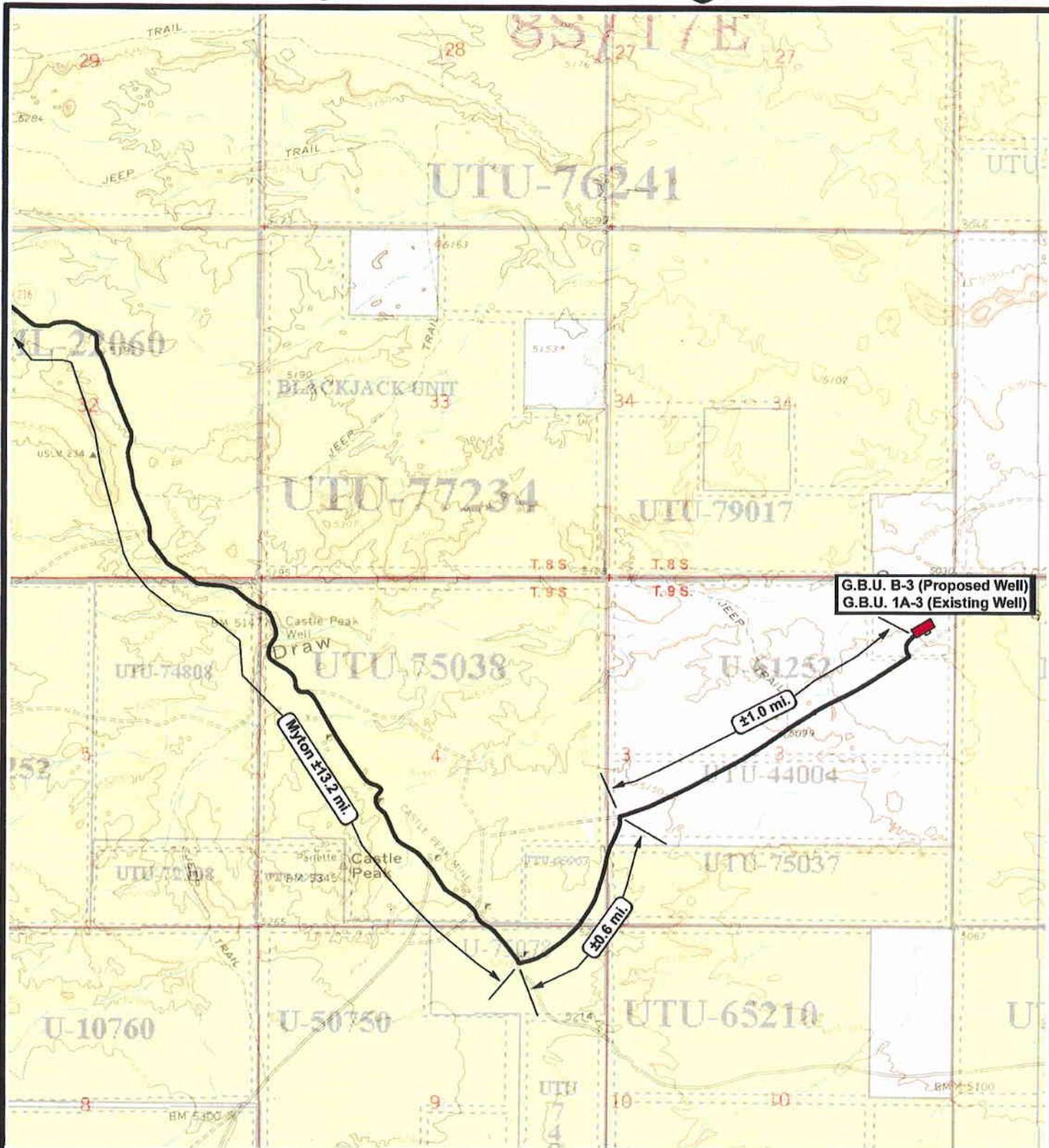
SCALE: 1 = 100,000
 DRAWN BY: JAS
 DATE: 05-28-2008

Legend

Existing Road

TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

Greater Boundary B-3-9-17 (Proposed Well)
Greater Boundary 1A-3-9-17 (Existing Well)
Pad Location NENE SEC. 3, T9S, R17E, S.L.B.&M.



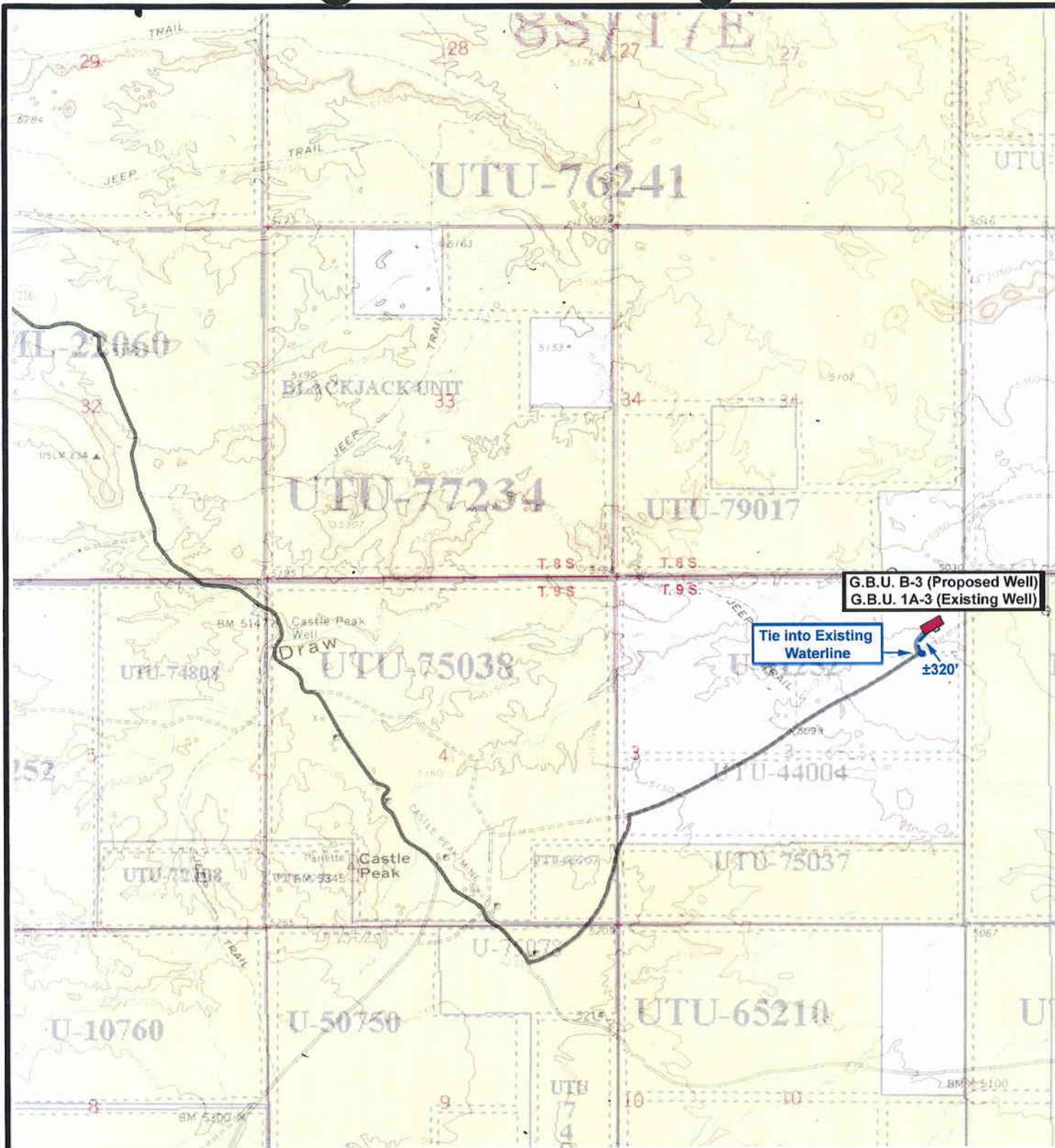
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 05-28-2008

Legend

Existing Road

TOPOGRAPHIC MAP
"B"



G.B.U. B-3 (Proposed Well)
G.B.U. 1A-3 (Existing Well)

Tie into Existing
Waterline
±320'



NEWFIELD
Exploration Company

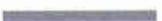
Greater Boundary B-3-9-17 (Proposed Well)
Greater Boundary 1A-3-9-17 (Existing Well)
Pad Location NENE SEC. 3, T9S, R17E, S.L.B.&M.



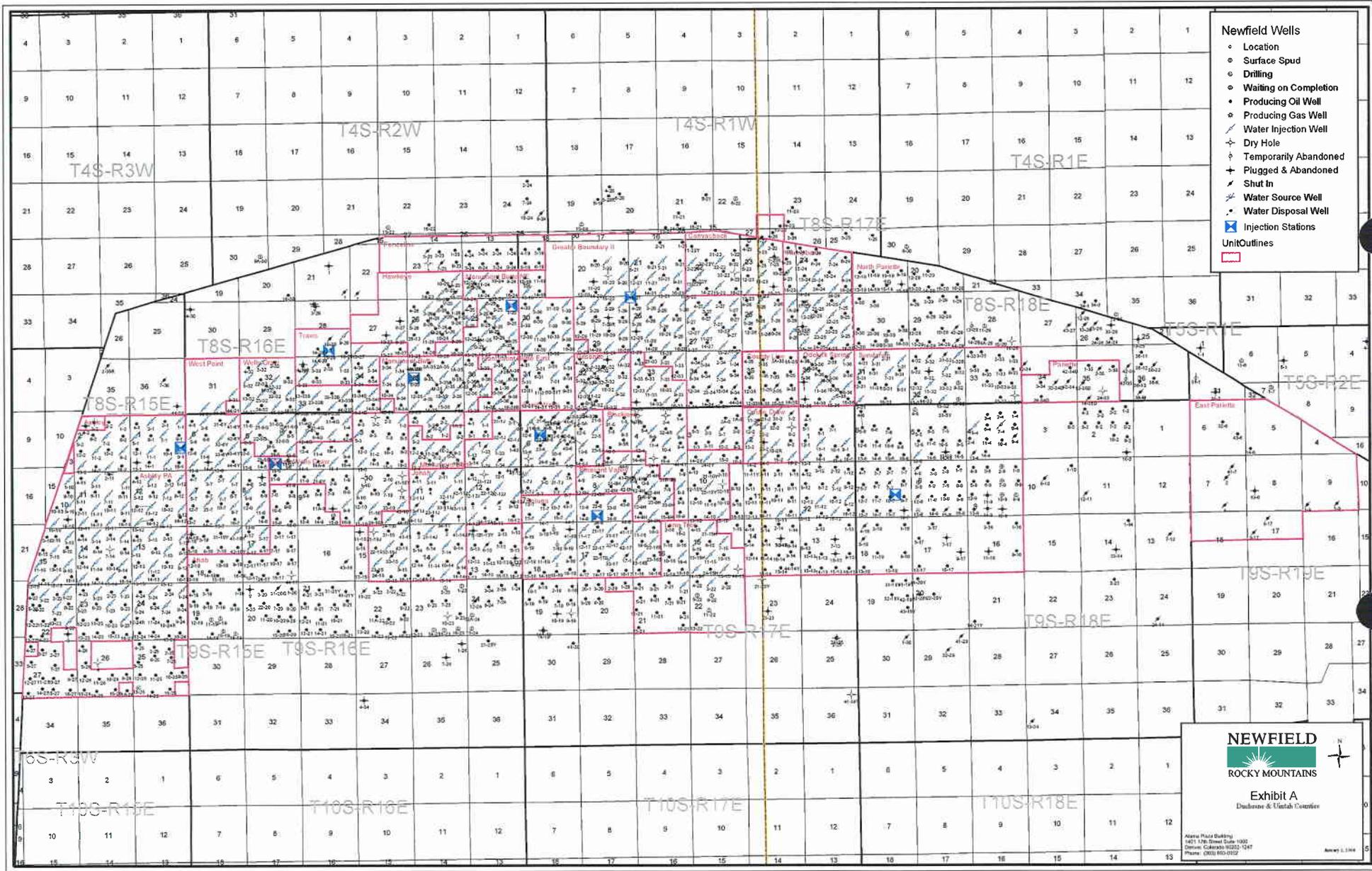

Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 09-03-2008

Legend

-  Roads
-  Proposed Water Line

TOPOGRAPHIC MAP
"C"



- Newfield Wells**
- Location
 - Surface Spud
 - Drilling
 - Waiting on Completion
 - Producing Oil Well
 - Producing Gas Well
 - Water Injection Well
 - Dry Hole
 - Temporarily Abandoned
 - Plugged & Abandoned
 - Shut In
 - Water Source Well
 - Water Disposal Well
 - Injection Stations
- Unit Outlines**
- [Red Line]

NEWFIELD
 ROCKY MOUNTAINS

Exhibit A
 Duchesne & Uintah Counties

Alpha Plaza Building
 1601 17th Street Suite 1000
 Denver, Colorado 80202-1047
 Phone: (303) 955-2122

Amey L. 1/14/04

2-M SYSTEM
Blowout Prevention Equipment Systems

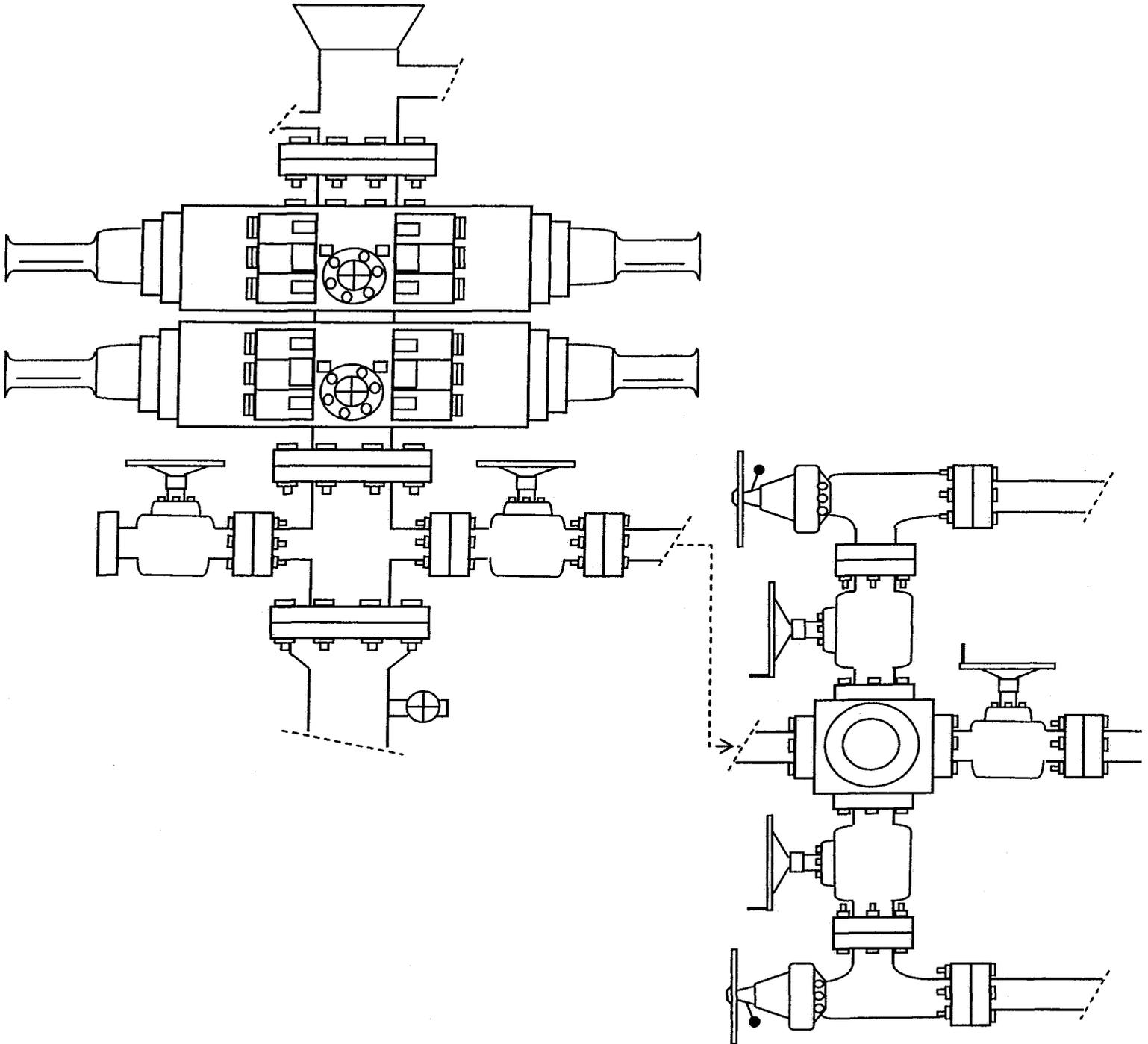


EXHIBIT C

EXHIBIT "D"

16F2

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S 520 ACRE BLOCK
PARCELS (T8S, R17E, SEC. 20; T9S R16E SEC. 34;
T9S R17E SEC. 1, 3, 28; and T9S R18E SEC. 35)
UINTAH AND DUCHESNE COUNTIES, UTAH

By:

Katie Simon

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company
Route 3 Box 3630
Myton, Utah 84052

Prepared By:

Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 05-69

March 22, 2005

United States Department of Interior (FLPMA)
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-05-MQ-0149b,p

NEWFIELD PRODUCTION COMPANY

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE COUNTY, UTAH**

Section 3, T 9 S, R 17 E [NE 1/4 & NW 1/4, NE 1/4 and NE 1/4, NW 1/4
& SW 1/4, NW 1/4, and NE 1/4 & NW 1/4, SE 1/4]; Section 18, T 9 S, R 16 E
[excluding NE 1/4, NW 1/4, & SE 1/4, NE 1/4]; Section 15, T 9 S, R 17 E [SE 1/4/ NE 1/4];
Section 18, T 9 S, R 17 E [western half of section plus SE 1/4 & SW 1/4, SE 1/4];
Section 33, T 8 S, R 16 E [NW 1/4, NW 1/4 and SW 1/4, NE 1/4]

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
May 11, 2005

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 09/08/2008

API NO. ASSIGNED: 43-013-34084

WELL NAME: GB II FED B-3-9-17

OPERATOR: NEWFIELD PRODUCTION (N2695)

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

PROPOSED LOCATION:

NENE 03 090S 170E
 SURFACE: 0791 FNL 0518 FEL
 BOTTOM: 0020 FNL 1190 FEL
 COUNTY: DUCHESNE
 LATITUDE: 40.06513 LONGITUDE: -109.9844
 UTM SURF EASTINGS: 586610 NORTHINGS: 4435270
 FIELD NAME: MONUMENT BUTTE (105)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-74871
 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: 225-4
- Eff Date: 9-22-04
- Siting: Suspends General Siting
- R649-3-11. Directional Drill

COMMENTS: Sup. Separate File

STIPULATIONS: 1- Lead Approval

API Number: 4301334084

Well Name: GB II FED B-3-9-17

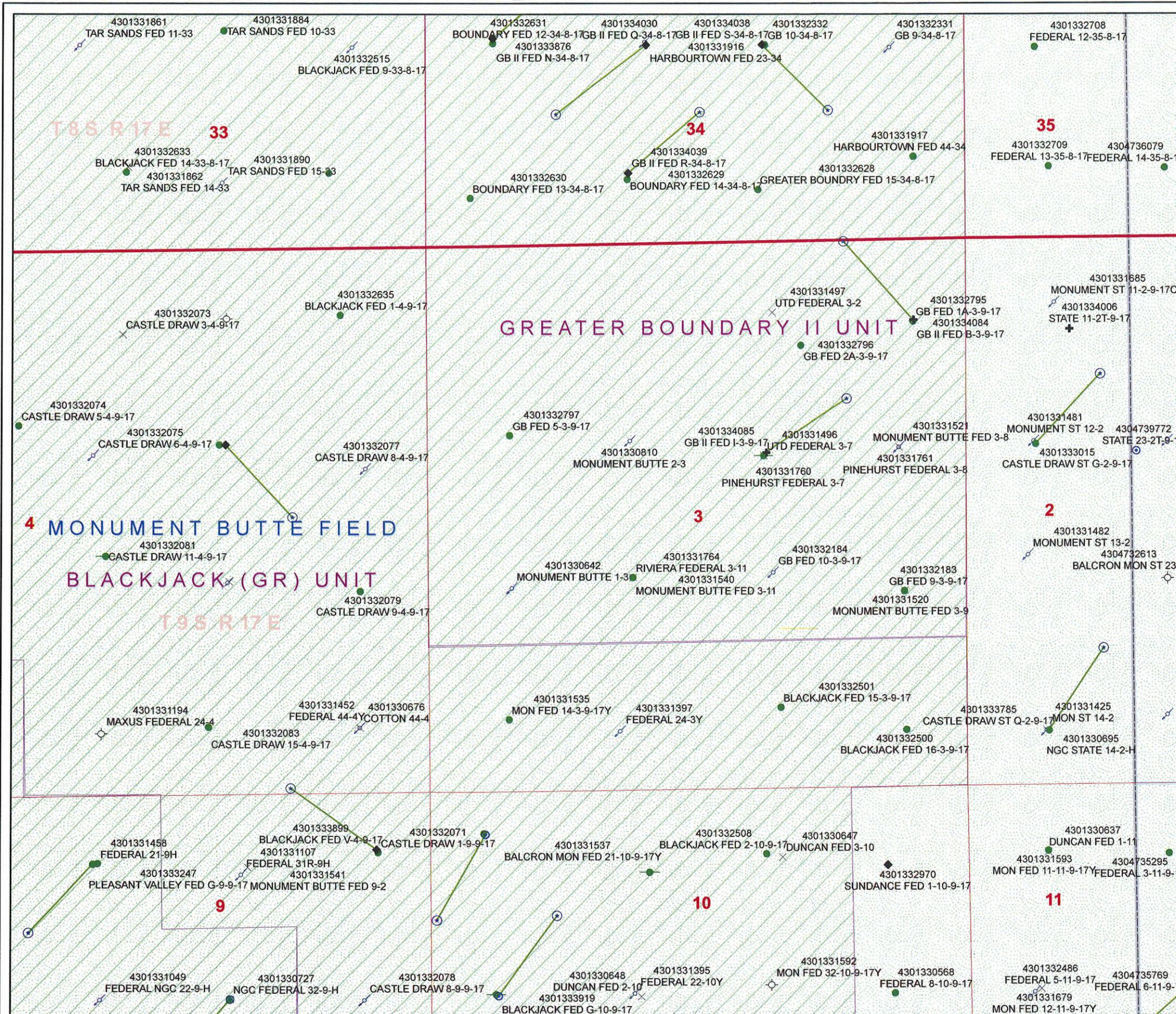
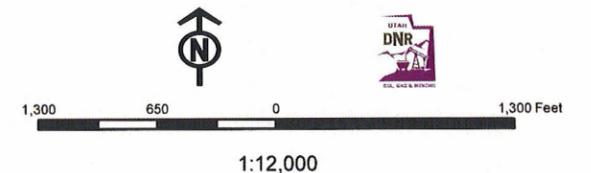
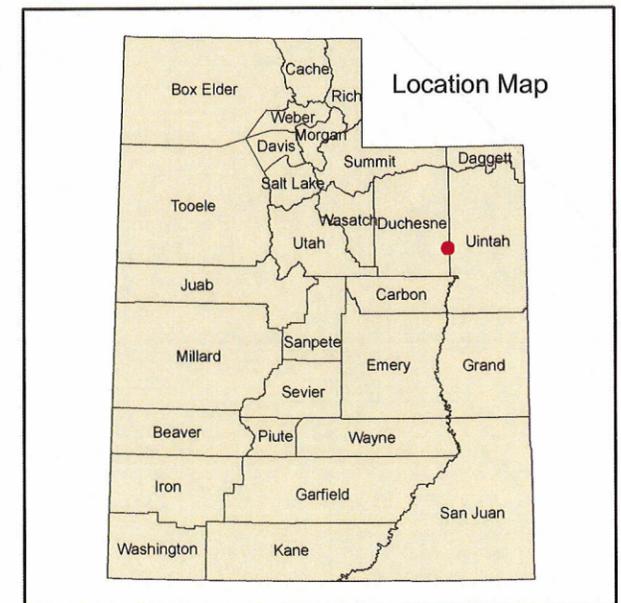
Township 09.0 S Range 17.0 E Section 03

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 15, 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)		
43-013-34084	GB II Fed B-3-9-17 Sec 03 T09S R17E 0791 FNL 0518 FEL BHL Sec 03 T09S R17E 0020 FNL 1190 FEL	
43-013-34085	GB II Fed I-3-9-17 Sec 03 T09S R17E 2048 FNL 1983 FEL BHL Sec 03 T09S R17E 1540 FNL 1175 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
Agr. Sec. Chron
Fluid Chron



December 9, 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 B-3-9-17
Greater Boundary II Unit
UTU-77098X
Surface Hole: T9S R17E, Section 3: Lot 1
791' FNL 518' FEL
Bottom Hole: T9S R17E, Section 3
20' FNL 1190' FEL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill, dated August 28, 2008 a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and bottom hole location of this well are both within the boundaries of the Greater Boundary II Unit UTU-77098X. Newfield certifies that it is the Greater Boundary II Unit Operator and all lands within 460 feet of the entire directional well bore are within the Greater Boundary II Unit.

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

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at reveland@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,

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

Roxann Eveland
Land Associate

RECEIVED
DEC 15 2008

DIV. OF OIL, GAS & MINING

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

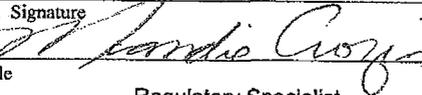
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-74871
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name 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 B-3-9-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No.
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/NE (LOT #1) 791' FNL 518' FEL At proposed prod. zone 20' FNL 1190' FEL		10. Field and Pool, or Exploratory Monument Butte Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 14.8 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 3, T9S R17E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 20' f/lse, 1190' f/unit	16. No. of Acres in lease 120.06	12. County or Parish Duchesne
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1453'	17. Spacing Unit dedicated to this well 20 Acres	13. State UT
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5095' GL	19. Proposed Depth 6175'	20. BLM/BIA Bond No. on file WYB000493
	22. Approximate date work will start* 4th Quarter 2008	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 8/28/08
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

DEC 15 2008

DIV. OF OIL, GAS & MINING



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

December 22, 2008

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

Re: Greater Boundary II Federal B-3-9-17 Well, Surface Location 791' FNL, 518' FEL,
NE NE, Sec. 3, T. 9 South, R. 17 East, Bottom Location 20' FNL, 1190' FEL,
NE NE, Sec. 3, T. 9 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 43-013-34084.

Sincerely,

Gil Hunt
Associate Director

js
Enclosures

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



Operator: Newfield Production Company
Well Name & Number Greater Boundary II Federal B-3-9-17
API Number: 43-013-34084
Lease: UTU-74871

Surface Location: NE NE Sec. 3 T. 9 South R. 17 East
Bottom Location: NE NE Sec. 3 T. 9 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 8 PM 12:47

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 MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-74871	
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 B-3-9-17	
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43 013 3A084	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/NE (LOT #1) 791' FNL 518' FEL At proposed prod. zone 20' FNL 1190' FEL LOT 1		10. Field and Pool, or Exploratory Monument Butte	
14. Distance in miles and direction from nearest town or post office* Approximately 14.8 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 3, T9S R17E	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 20' f/ise, 1190' f/unit		12. County or Parish Duchesne	13. State UT
16. No. of Acres in lease 120.06		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. 1453'		20. BLM/BIA Bond No. on file WYB000493	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5095' GL		22. Approximate date work will start* 4th Quarter 2008	
		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 8/28/08
Title Regulatory Specialist		

Approved by (Signature) 	Name (Printed/Typed) Jeff Kerkela	Date JAN 16 2009
Title Assistant Field Manager Lands & Mineral Resources	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 7/10/08

AFMSS# 08PP0981A

NOTICE OF APPROVAL

RECEIVED

JAN 27 2009

DIV. OF OIL, GAS & MINING

UDOGM

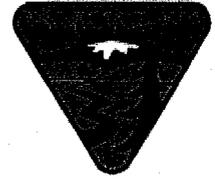


**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE**

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company **Location:** Lot 1, Sec. 3, T9S, R17E(S)
 Lot 1, Sec. 3, T9S, R17E(B)
Well No: Greater Boundary II Fed B-3-9-17 **Lease No:** UTU-74871
API No: 43-013-34084 **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	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	
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	

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:

No surface occupancy or use is allowed (does not apply to casual use) within ½ mile of Golden eagle nests which have been active within the past two years. This restriction will not apply to maintenance and operation of existing programs and facilities. It will not apply if impacts can be mitigated through other management actions or site specific analysis of terrain features.

Protection of Golden eagle nest sites as described in the Vernal Resource Management Plan. Waivers, Exceptions, or Modifications to this limitation may be specifically approved in writing by the authorized officer of the Bureau of Land Management if the resource values change or the lessee/ operator demonstrate that adverse impacts can be mitigated. Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulations see BLM manual 1624 and 3101 or FS manual 1950 and 2820.)

There is a Golden eagle nest approximately 0.41 miles west of the project area. With this occurrence there will be a timing restriction to minimize disturbance for Golden eagle nesting from February 1 – July 15.

Lease Notices from RMP:

The lessee/operator is given notice the area has been identified as containing Golden eagle habitat. Modifications may be required in the Surface Use Plan to protect the Golden eagle and/or its habitat from surface disturbance activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

The lessee/operator is given notice the area has been identified as containing Ferruginous hawk habitat. Modifications may be required in the Surface Use Plan to protect the Ferruginous hawk and/or its habitat from surface disturbance activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

The lessee/operator is given notice the area has been identified as containing Burrowing Owl habitat. Modifications may be required in the Surface Use Plan to protect the Burrowing Owl and/or its habitat from surface disturbance activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

The lessee/operator is given notice the area has been identified as containing Mountain plover habitat. Modifications may be required in the Surface Use Plan to protect the Mountain plover and/or its habitat from surface disturbance activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

Comments: NONE

Follow-up Actions and/or Recommendations:

Please be aware that this Special Status Species wildlife clearance is effective for 1 year from the date of the onsite date. Any proposals submitted after the date of this report (onsite) shall require additional surveys and clearances.

*The Diamond Mountain Resource Management Plan has designated a No Surface Occupancy for Golden eagle nesting. Because the proposed location will be directional drilled from an existing location the (No Surface Occupancy) stipulation will not be applied to the project area. However, the Golden eagle timing restriction will still apply to the proposed project area.

CONDITIONS OF APPROVAL:

- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim/Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the re-spreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.
- **Interim Reclamation:**

The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be re-contoured and the topsoil re-spread, and the area shall be **seeded using a rangeland drill**. Seeding depth as per AO, or seed distributor. If portions of the site are too steep (>40%), or rocky, that portion may be broadcast seeded. If broadcasting seed, the seed shall be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain. Seeding shall occur in the fall (August 1st until snow or ground is frozen) with the following seed mix:

Seed mix:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirreltail grass	<i>Elymus elymoides</i>	3.0	1/4 - 1/2"
Siberian wheatgrass	<i>Agropyron fragile</i>	1.0	1/2"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	1/2"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	1/2"
Gardner's saltbush	<i>Atriplex gardneri</i>	0.50	1/2"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	1/8 - 1/4"

- All pounds are pure live seed.
- All seed and mulch will be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.

- **Final reclamation:**

Once the location is plugged and abandoned, the well location, access, and any disturbed areas shall be re-contoured to natural topography, topsoil shall be re-spread, and the entire location shall be seeded following guidelines in the seed mix bullet statement above. Final seed mix: same as interim unless otherwise instructed.

- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be re-contoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be re-contoured to natural topology, topsoil shall be re-spread, and the entire location shall be seeded with a seed mix recommended by the AO (see above). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.

***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 (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74871
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: GB II FED B-3-9-17
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013340840000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0791 FNL 0518 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 03 Township: 09.0S Range: 17.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
	COUNTY: DUCHESNE
	STATE: UTAH

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

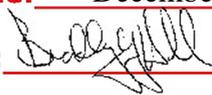
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 12/18/2009	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: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

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

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

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: December 21, 2009

By: 

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



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013340840000

API: 43013340840000

Well Name: GB II FED B-3-9-17

Location: 0791 FNL 0518 FEL QTR NENE SEC 03 TWNP 090S RNG 170E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 12/22/2008

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

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

Approved by the Utah Division of Oil, Gas and Mining

Signature: Mandie Crozier

Date: 12/17/2009

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY

Date: December 21, 2009

By: [Signature]

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

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

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				SPUD DATE	EFFECTIVE DATE	
					QQ	SC	TP	RG			COUNTY
B	99999	17400	4301350044	FEDERAL 9-25-8-15	NESE	25	8S	15E	DUCHESNE	4/30/2010	5/18/10
WELL 1 COMMENTS: GRRV											
B	99999	17400	4301350023	FEDERAL 5-25-8-15	SWNW	25	8S	15E	DUCHESNE	4/30/2010	5/18/10
GRRV											
B	99999	17400	4301350115	MON BUTTE STATE G-2-9-16	NWNW	2	9S	16E	DUCHESNE	4/29/2010	5/18/10
GRRV BML = SENW											
B	99999	17400	4301334181	FEDERAL 13-30-9-16	SWSW	30	8S	16E	DUCHESNE	4/27/2010	5/18/10
GRRV											
B	99999	17400	4301334084	GREATER BOUNDARY II B-3-9-17	NENE	3	9S	17E	DUCHESNE	4/27/2010	5/18/10
WELL 5 COMMENTS: GRRV BML = NENE											
B	99999	17400	4301350124	MON BUTTE V-35-8-16	NWNE	2	9S	16E	DUCHESNE	4/16/2010	5/18/10
WELL 5 COMMENTS: GRRV BML = T 8S Sec 35 SESE											

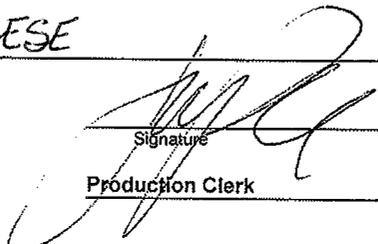
ACTION CODES (See instructions on back of form)

- A - 1 new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

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

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 MAY 03 2010

DIV. OF OIL, GAS & MINING

Signature: 
 Production Clerk
 Date: 04/30/10
 Jentri Park

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-61252

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
Greater Boundary II B-3-9-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301334084

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

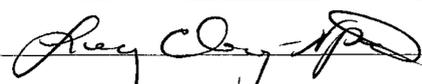
10. FIELD AND POOL, OR WILDCAT:
GREATER MB UNIT

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWNE, 3, T9S, R17E STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 06/01/2010	<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 06-01-10, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant
SIGNATURE  DATE 06/02/2010

(This space for State use only)

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JUN 07 2010
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

GRTR BNDRY II B-3-9-17

3/1/2010 To 7/30/2010

5/19/2010 Day: 1

Completion

Rigless on 5/19/2010 - Run CBL & shoot first stage. - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6139' cement top @ 58'. Perforate CP4/CP5 sds as shown in perforation report. 148 BWTR. SWIFN.

Daily Cost: \$0

Cumulative Cost: \$12,280

5/25/2010 Day: 2

Completion

Rigless on 5/25/2010 - Frac well. Flow well back. - Stage #5: RU WLT. RIH w/ frac plug & perf guns. Set plug @ 4345'. Perforate GB2 sds @ 4241-45' w/ 3 spf for total of 12 shots. RU BJ & open well w/ 1671 psi on casing. Perfs broke down @ 2095 psi back to 2093 psi @ 3 bpm w/ 2 bbls. Low pressure so didn't shut down. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 11,829#'s of 20/40 sand in 245 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2526 @ ave rate of 20 bpm w/ 6 ppg of sand. ISIP was 2673 w/ 1.1FG. 5 min was 1645. 10 min was 1592. 15 min was 1576. 1884 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 4 hours & died w/ 550 bbls Rec'd. SIFN w/ 1089 bbls EWTR. - Stage #4: RU WLT. RIH w/ frac plug & perf guns. Set plug @ 5000'. Perforate D1 sds @ 4906-11 w/ 3 spf for total of 15 shots. RU BJ & open well w/ 1512 psi on casing. Perfs broke down @ 1849 psi back to 1830 psi @ 3 bpm w/ 2 bbls. Low pressure so didn't shut down. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 9699#'s of 20/40 sand in 230 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2263 @ ave rate of 20 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2116 w/ .87FG. 5 min was 1815. 10 min was 1758. 15 min was 1732. Leave pressure on well. 1639 bbls EWTR. - Stage #3: RU WLT. RIH w/ frac plug & perf guns. Set plug @ 5270'. Perforate B.5 sds @ 5169-72', C sds @ 5084-87' w/ 3 spf for total of 18 shots. RU BJ & open well w/ 1483 psi on casing. Perfs broke down @ 1780 psi back to 2147 psi @ 3 bpm w/ 5 bbls. Low pressure so didn't shut down. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 35,311#'s of 20/40 sand in 388 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3479 @ ave rate of 30 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 3838 w/ 1.2FG. 5 min was 2180. 10 min was 1752. 15 min was 1722. Leave pressure on well. 1409 bbls EWTR. - Stage #2: RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & perf guns. Set plug @ 5880'. Perforate CP2 sds @ 5792-5800', CP1 sds @ 5779-81', 5768-70', CP.5 sds @ 5732-34' w/ 3-1/8" Slick Guns (16 gram, .34"EH, 21"pen, 120°) w/ 3 spf for total of 42 shots. RU BJ & open well w/ 1550 psi on casing. Perfs broke down @ 1749 psi back to 1704 psi @ 3 bpm w/ 2 bbls. Low pressure so didn't shut down. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 50,855#'s of 20/40 sand in 481 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2095 @ ave rate of 40 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1808 w/ .75FG. 5 min was 1640. 10 min was 1611. 15 min was 1566. Leave pressure on well. 1021 bbls EWTR. - RU BJ Services "Ram Head" frac flange. RU BJ & open well w/ 14 psi on casing. Perfs broke down @ 3436 psi back to 2400 psi @ 3 bpm w/ 5 bbls. ISIP was 1642 w/ .71FG. 1 min was 1178. 4 min was 995. Pump 6 bbls of 15% HCL acid (had 500 psi drop in pressure when hit Perfs). Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 25,343#'s of 20/40 sand in 392 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3091 @ ave rate of 40 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1736 w/ .72FG. 5 min was 1607. 10 min was 1570. 15 min was 1564. Leave

pressure on well. 540 bbls EWTR.

Daily Cost: \$0

Cumulative Cost: \$93,553

5/26/2010 Day: 3

Completion

Leed #731 on 5/26/2010 - Move rig on. Drlg plugs. - Open well w/ 100 psi on casing. MTRUSU. RD Cameron BOP's & frac head. Instal 3M production tbg head & Schefer BOP's. RU 4-3/4" Chomp mill & x-over sub. Tally, pickup & TIH w/ new J-55, 2-7/8", 6.5#, 8EUE tbg to tag plug. RU swivel, pump & tanks. C/O to plug @ 4345'. Drlg out plug #1. TIH w/ tbg to tag plug @ 5000'. Drlg out plug #2. TIH w/ tbg to tag plug @ 5270'. Drlg out plug #3. TIH w/ tbg to tag plug @ 5880'. Drlg out plug #4. Tag fill @ 5880'. C/O to PBTD @ 6235'. SIFN w/ 1000 bbls EWTR..

Daily Cost: \$0

Cumulative Cost: \$128,523

5/27/2010 Day: 4

Completion

Leed #731 on 5/27/2010 - C/O to PBTD. Swab well. - Open well w/ 500 psi on casing. Pump 75 bbls water down csg. Pump 30 bbls down tbg. TIH w/ 2 jts tbg & well making oil. Pump 45 bbls down casing. Pump 30 bbls down tbg. Well making oil & gas. Found rig crew was pump down casing not tbg. Reverse flow. TIH w/ tbg to tag 70' of sand. C/O to PBTD @ 6235'. LD 3 jts tbg. Well flowed 100 bbls in 2 hours. RU swab equipment. Made 6 runs & rec'd 170 bbls of fluid. FFL was 200'. Last run showed no sand w/ trace of oil. Pump 30 bbls down tbg. TIH w/ tbg to tag no new sand. TOOH w/ 3 jts tbg. Leave EOT @ 6140'. Brine well in morning. SIFN w/ 800 bbls EWTR.

Daily Cost: \$0

Cumulative Cost: \$135,618

6/1/2010 Day: 5

Completion

Leed #731 on 6/1/2010 - POOH w/ tbg. RIH w/ partial tbg. string. Flow well. - Open well w/ 400 psi on casing. Flow to production tank. Pump 50 bbls 10# brine down tbg. TIH w/ NC, 1 jt tbg, SN, 1 jt tbg, TA new Cntrl Hydrlic w/ 45,000# shear, 193 jts tbg. RD BOP's. Set TA @ 6030' w/ 17,000#'s tension w/ SN @ 6063' & EOT @ 6095'. Flush tbg w/ 60 bbls brine. Pick-up & prime pump. TIH w/ 2-1/2" x 1-3/4" x 17' x 24' new Cntrl Hydrlic RHAC pump w/ 224"SL, 4- 1-1/2" weight rods, 236- 7/8" guided (8per) rods, 1-1/2" x 30' polish rod. Space pump. Test tbg & pump to 800 psi. RDMOSU. POP @ 5PM w/ 144"SL @ 5 spm w/ 600 bbl EWTR. Final Report. - Csg. @ 300 psi, tbg. @ 350 psi. Bleed off well. Circulate well to kill well. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 1 jt 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 47 jts 2 7/8" tbg. Well took off flowing. Attempt to kill well w/ no success. RU well to flow to tanks. Turn well over to pumper to flow well. - Open well w/ 400 psi on casing. Flow to production tank. Pump 50 bbls 10# brine down tbg. TIH w/ NC, 1 jt tbg, SN, 1 jt tbg, TA new Cntrl Hydrlic w/ 45,000# shear, 193 jts tbg. RD BOP's. Set TA @ 6030' w/ 17,000#'s tension w/ SN @ 6063' & EOT @ 6095'. Flush tbg w/ 60 bbls brine. Pick-up & prime pump. TIH w/ 2-1/2" x 1-3/4" x 17' x 24' new Cntrl Hydrlic RHAC pump w/ 224"SL, 4- 1-1/2" weight rods, 236- 7/8" guided (8per) rods, 1-1/2" x 30' polish rod. Space pump. Test tbg & purnp to 800 psi. RDMOSU. POP @ 5PM w/ 144"SL @ 5 spm w/ 600 bbl EWTR. Final Report. - Csg. @ 300 psi, tbg. @ 350 psi. Bleed off well. Circulate well to kill well. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 1 jt 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 47 jts 2 7/8" tbg. Well took off flowing. Attempt to kill well w/ no success. RU well to flow to tanks. Turn well over to pumper to flow well. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$145,323

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-74871

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER: *B-1-21 B-3-9-11*
Greater Boundary II B-3-9-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301334084

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

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

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: *0791 FNL 0518 FEL*

COUNTY: DUCHESNE

QTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENE, 3, T9S, R17E STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <i>06/01/2010</i>	<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 06-01-10, attached is a daily completion status report.

Re-Submitted with correct lease number and quarter/quarter.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant

SIGNATURE *Lucy Chavez-Naupoto* DATE 06/07/2010

(This space for State use only)

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JUN 14 2010
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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU-74871

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
GMBU

8. Lease Name and Well No.
GREATER BOUNDARY II B-3-9-17

9. AFI Well No.
43-013-34084

10. Field and Pool or Exploratory Monument BUTTE

11. Sec., T., R., M., on Block and Survey or Area
SEC. 3, T9S, R17E

12. County or Parish
DUCHESNE

13. State
UT

17. Elevations (DF, RKB, RT, GL)*
5095' GL 5107' KB

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

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

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

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface 791' FNL & 519' FEL (NE/NE) (LOT 1) SEC. 3, T9S, R17E (UTU-74871) *BHL reviewed by Itsm*
At top prod. interval reported below 210' FNL & 1033' FEL (NE/NE) SEC. 3, T9S, R17E (UTU-74871)
At total depth 116' FSL & 1318' FEL (SE/SE) SEC. 34, T8S, R17E (UTU-776955)

14. Date Spudded
04/28/2010

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

16. Date Completed 06/01/2010
 D & A Ready to Prod.

18. Total Depth: MD 6285'
TVD 6144' *50*

19. Plug Back T.D.: MD 6235'
TVD 4106'

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit report)
Directional Survey? No Yes (Submit copy)

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	319'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6278'		300 PRIMLITE		58'	
						400 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 6094'	TA @ 6027'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River			5949-6060' CP4 CP5	.36"	3	21
B) Green River			5732-5800' CP.5 CP1 CP2	.34"	3	42
C) Green River			5084-5172' C B.5	.34"	3	18
D) Green River			4906-4911' D1	.34"	3	15

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

Depth Interval	Amount and Type of Material
5949-6060'	Frac w/ 25343#'s 20/40 sand in 139 bbls of Lightning 17 fluid.
5732-5800'	Frac w/ 50855#'s 20/40 sand in 219 bbls of Lightning 17 fluid.
5084-5172'	Frac w/ 35311#'s 20/40 sand in 166 bbls of Lightning 17 fluid.
4906-4911'	Frac w/ 9699#'s 20/40 sand in 55 bbls of Lightning 17 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
5-30-10	6-16-10	24	→	64	34	41			2-1/2" x 1-3/4" x 17' x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	PRODUCING
			→						

28a. Production - Interval B

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

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JUN 29 2010

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

28b. Production - Interval C

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

28c. Production - Interval D

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

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

SOLD & USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3880' 4071'
				GARDEN GULCH 2 POINT 3	4193' 4471'
				X MRKR Y MRKR	4708' 4747'
				DOUGALS CREEK MRK BI CARBONATE MRK	4883' 5135'
				B LIMESTON MRK CASTLE PEAK	5284' 5712'
				BASAL CARBONATE	6140'

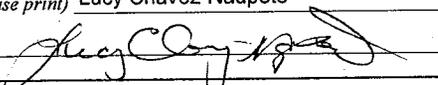
32. Additional remarks (include plugging procedure):

Stage 5: Green River Formation (GB2) 4241-4245', .36" 3/12 Frac w/ 11829#'s of 20/40 sand in 74 bbls of Lightning 17 fluid

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (I full set req'd.)
 Geologic Report
 DST Report
 Directional Survey
 Sundry Notice for plugging and cement verification
 Core Analysis
 Other: Drilling Daily Activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Lucy Chavez-Naupoto Title Administrative Assistant
 Signature  Date 06/23/2010

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

NEWFIELD



NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 3 T9S, R17E
B-3-9-17**

Wellbore #1

Design: Actual

Standard Survey Report

07 June, 2010

HATHAWAY HB BURNHAM
DIRECTIONAL & MWD SERVICES



HATHAWAY BURNHAM

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 3 T9S, R17E
Well: B-3-9-17
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well B-3-9-17
TVD Reference: B-3-9-17 @ 5107.0ft (RIG #2)
MD Reference: B-3-9-17 @ 5107.0ft (RIG #2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

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

Site	SECTION 3 T9S, R17E, SEC 3 T9S, R17E		
Site Position:		Northing:	7,194,150.00ft
From:	Map	Easting:	2,062,000.00ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	40° 3' 36.209 N
		Longitude:	109° 59' 37.280 W
		Grid Convergence:	0.96 °

Well	B-3-9-17, SHL LAT: 40 03 54.34, LONG: -109 59 06.43		
Well Position	+N/-S	0.0 ft	Northing: 7,196,024.78 ft
	+E/-W	0.0 ft	Easting: 2,064,367.13 ft
Position Uncertainty	0.0 ft	Wellhead Elevation:	5,107.0 ft
		Latitude:	40° 3' 54.340 N
		Longitude:	109° 59' 6.430 W
		Ground Level:	5,095.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2010/05/05	11.43	65.85	52,406

Design	Actual				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.0	0.0	0.0	318.61	

Survey Program	Date 2010/06/07	
From (ft)	To (ft)	Survey (Wellbore)
422.0	6,279.0	Survey #1 (Wellbore #1)
		Tool Name
		MWD
		Description
		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
422.0	0.50	254.91	422.0	-0.5	-1.8	0.8	0.12	0.12	0.00
452.0	0.30	218.70	452.0	-0.6	-2.0	0.9	1.04	-0.67	-120.70
483.0	0.30	325.70	483.0	-0.6	-2.0	0.9	1.56	0.00	345.16
514.0	0.70	308.90	514.0	-0.4	-2.2	1.2	1.36	1.29	-54.19
544.0	1.50	327.60	544.0	0.1	-2.6	1.8	2.89	2.67	62.33
575.0	2.60	319.00	575.0	0.9	-3.3	2.9	3.67	3.55	-27.74
606.0	3.20	326.80	605.9	2.2	-4.2	4.4	2.31	1.94	25.16
636.0	3.30	322.80	635.9	3.6	-5.2	6.1	0.83	0.33	-13.33
667.0	4.00	323.00	666.8	5.2	-6.4	8.1	2.26	2.26	0.65
697.0	4.00	323.50	696.7	6.8	-7.6	10.2	0.12	0.00	1.67
728.0	3.90	319.80	727.7	8.5	-9.0	12.3	0.88	-0.32	-11.94
759.0	4.40	325.10	758.6	10.3	-10.3	14.5	2.03	1.61	17.10



HATHAWAY BURNHAM

Survey Report



Company: NEWFIELD EXPLORATION
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Site: SECTION 3 T9S, R17E
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Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well B-3-9-17
TVD Reference: B-3-9-17 @ 5107.0ft (RIG #2)
MD Reference: B-3-9-17 @ 5107.0ft (RIG #2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
789.0	4.40	320.80	788.5	12.1	-11.7	16.8	1.10	0.00	-14.33
819.0	5.30	326.90	818.4	14.2	-13.2	19.4	3.45	3.00	20.33
850.0	5.50	325.90	849.3	16.6	-14.8	22.2	0.71	0.65	-3.23
881.0	6.30	327.70	880.1	19.3	-16.5	25.4	2.65	2.58	5.81
912.0	6.70	329.40	910.9	22.3	-18.4	28.9	1.43	1.29	5.48
944.0	7.10	330.60	942.7	25.6	-20.3	32.6	1.33	1.25	3.75
976.0	7.00	330.40	974.4	29.0	-22.2	36.5	0.32	-0.31	-0.63
1,008.0	7.60	331.80	1,006.2	32.6	-24.2	40.4	1.96	1.88	4.38
1,039.0	8.40	329.70	1,036.9	36.3	-26.3	44.6	2.75	2.58	-6.77
1,071.0	8.50	328.70	1,068.5	40.4	-28.7	49.3	0.56	0.31	-3.13
1,103.0	9.10	327.30	1,100.1	44.5	-31.3	54.1	1.99	1.88	-4.38
1,134.0	9.90	326.30	1,130.7	48.8	-34.1	59.2	2.63	2.58	-3.23
1,166.0	10.40	325.20	1,162.2	53.5	-37.3	64.8	1.68	1.56	-3.44
1,198.0	11.00	325.20	1,193.6	58.3	-40.7	70.7	1.88	1.88	0.00
1,229.0	11.50	326.50	1,224.1	63.3	-44.1	76.7	1.81	1.61	4.19
1,261.0	11.80	325.80	1,255.4	68.7	-47.7	83.1	1.04	0.94	-2.19
1,293.0	12.40	325.10	1,286.7	74.2	-51.5	89.7	1.93	1.88	-2.19
1,325.0	13.10	323.10	1,317.9	80.0	-55.6	96.8	2.59	2.19	-6.25
1,356.0	13.40	323.50	1,348.1	85.7	-59.9	103.8	1.01	0.97	1.29
1,451.0	13.40	323.20	1,440.5	103.3	-73.0	125.8	0.07	0.00	-0.32
1,547.0	14.20	321.10	1,533.7	121.4	-87.1	148.6	0.98	0.83	-2.19
1,642.0	13.50	314.90	1,626.0	138.3	-102.2	171.3	1.73	-0.74	-6.53
1,737.0	13.00	314.00	1,718.4	153.5	-117.8	193.1	0.57	-0.53	-0.95
1,832.0	12.70	314.30	1,811.0	168.2	-132.9	214.1	0.32	-0.32	0.32
1,927.0	12.90	316.50	1,903.7	183.2	-147.7	235.1	0.55	0.21	2.32
2,022.0	12.30	318.20	1,996.4	198.5	-161.8	255.8	0.74	-0.63	1.79
2,117.0	13.30	316.10	2,089.0	213.9	-176.1	276.9	1.16	1.05	-2.21
2,213.0	13.30	317.40	2,182.5	230.0	-191.2	299.0	0.31	0.00	1.35
2,308.0	14.35	317.64	2,274.7	246.7	-206.5	321.7	1.11	1.11	0.25
2,403.0	13.23	312.70	2,367.0	262.8	-222.5	344.2	1.71	-1.18	-5.20
2,498.0	14.14	314.38	2,459.3	278.3	-238.7	366.6	1.05	0.96	1.77
2,593.0	13.84	315.71	2,551.5	294.5	-255.0	389.5	0.46	-0.32	1.40
2,688.0	13.65	316.45	2,643.7	310.8	-270.6	412.1	0.27	-0.20	0.78
2,783.0	12.55	318.63	2,736.3	326.7	-285.2	433.6	1.27	-1.16	2.29
2,878.0	11.58	316.50	2,829.2	341.3	-298.6	453.5	1.12	-1.02	-2.24
2,973.0	11.49	319.00	2,922.2	355.4	-311.3	472.5	0.53	-0.09	2.63
3,068.0	12.37	317.40	3,015.2	370.0	-324.4	492.1	0.99	0.93	-1.68
3,163.0	14.70	323.75	3,107.6	387.2	-338.4	514.3	2.91	2.45	6.68
3,258.0	13.43	315.58	3,199.7	404.8	-353.3	537.3	2.48	-1.34	-8.60
3,353.0	14.10	316.50	3,292.0	421.1	-369.0	559.9	0.74	0.71	0.97
3,448.0	15.00	315.90	3,383.9	438.3	-385.5	583.7	0.96	0.95	-0.63
3,543.0	14.10	315.20	3,475.9	455.4	-402.2	607.6	0.97	-0.95	-0.74
3,638.0	14.80	312.80	3,567.9	471.8	-419.3	631.2	0.97	0.74	-2.53
3,733.0	15.60	313.60	3,659.6	488.9	-437.4	656.0	0.87	0.84	0.84
3,828.0	14.00	317.50	3,751.4	506.2	-454.4	680.2	1.98	-1.68	4.11
3,923.0	14.20	318.50	3,843.5	523.4	-469.9	703.3	0.33	0.21	1.05
4,018.0	14.90	319.90	3,935.5	541.4	-485.5	727.2	0.82	0.74	1.47
4,113.0	14.90	324.60	4,027.3	560.7	-500.5	751.6	1.27	0.00	4.95
4,208.0	15.00	323.90	4,119.1	580.6	-514.8	775.9	0.22	0.11	-0.74
4,303.0	14.10	321.40	4,211.0	599.6	-529.2	799.7	1.16	-0.95	-2.63
4,399.0	13.47	321.79	4,304.3	617.5	-543.4	822.6	0.66	-0.66	0.41
4,494.0	12.99	322.19	4,396.8	634.6	-556.8	844.3	0.51	-0.51	0.42
4,589.0	12.70	316.04	4,489.4	650.6	-570.6	865.4	1.47	-0.31	-6.47
4,684.0	12.92	321.77	4,582.0	666.5	-584.5	886.4	1.36	0.23	6.03



HATHAWAY BURNHAM

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 3 T9S, R17E
Well: B-3-9-17
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well B-3-9-17
TVD Reference: B-3-9-17 @ 5107.0ft (RIG #2)
MD Reference: B-3-9-17 @ 5107.0ft (RIG #2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
4,779.0	13.32	318.94	4,674.5	683.0	-598.2	908.0	0.80	0.42	-2.98	
4,874.0	12.79	315.93	4,767.1	698.9	-612.7	929.4	0.91	-0.56	-3.17	
4,969.0	13.00	317.10	4,859.7	714.2	-627.3	950.6	0.35	0.22	1.23	
5,064.0	13.00	314.40	4,952.3	729.5	-642.2	971.9	0.64	0.00	-2.84	
5,159.0	11.80	317.00	5,045.0	744.1	-656.5	992.3	1.39	-1.26	2.74	
5,255.0	12.00	319.80	5,139.0	758.9	-669.6	1,012.1	0.64	0.21	2.92	
5,315.7	11.49	320.80	5,198.4	768.4	-677.5	1,024.4	0.91	-0.84	1.64	
B-3-9-17 TGT										
5,350.0	11.20	321.40	5,232.0	773.7	-681.7	1,031.2	0.91	-0.84	1.76	
5,413.0	10.90	321.90	5,293.9	783.1	-689.2	1,043.2	0.50	-0.48	0.79	
5,508.0	10.80	320.50	5,387.2	797.1	-700.4	1,061.1	0.30	-0.11	-1.47	
5,603.0	10.20	321.80	5,480.6	810.6	-711.3	1,078.4	0.68	-0.63	1.37	
5,698.0	10.00	313.30	5,574.1	822.8	-722.5	1,095.0	1.58	-0.21	-8.95	
5,793.0	11.20	315.00	5,667.5	835.0	-735.0	1,112.4	1.31	1.26	1.79	
5,888.0	11.60	319.05	5,760.6	848.7	-747.8	1,131.2	0.94	0.42	4.26	
5,983.0	11.70	318.90	5,853.7	863.2	-760.4	1,150.4	0.11	0.11	-0.16	
6,079.0	12.63	318.96	5,947.5	878.5	-773.7	1,170.6	0.97	0.97	0.06	
6,225.0	10.46	315.77	6,090.5	900.0	-793.4	1,199.8	1.55	-1.49	-2.18	
6,279.0	10.01	314.20	6,143.7	906.8	-800.2	1,209.4	0.98	-0.83	-2.91	

Wellbore Targets

Target Name

- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
B-3-9-17 TGT	0.00	0.00	5,200.0	762.7	-672.2	7,196,776.03	2,063,682.09	40° 4' 1.878 N	109° 59' 15.077 W
- actual wellpath misses by 7.9ft at 5315.7ft MD (5198.4 TVD, 768.4 N, -677.5 E)									
- Circle (radius 75.0)									

Checked By: _____ Approved By: _____ Date: _____

NEWFIELD



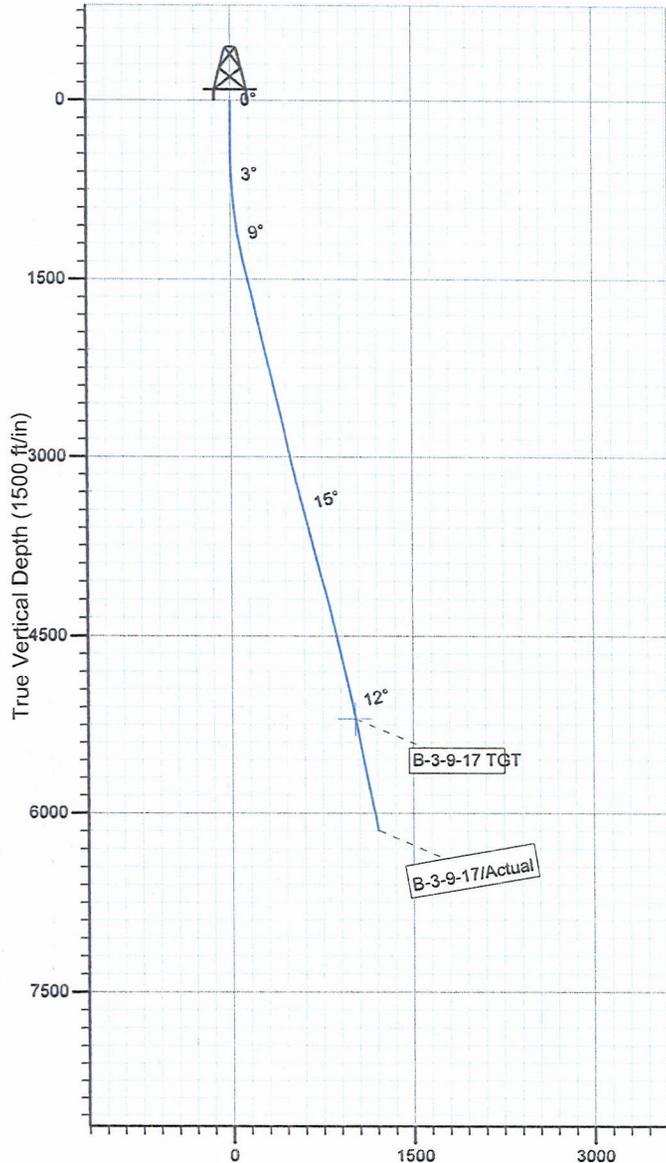
Project: USGS Myton SW (UT)
 Site: SECTION 3 T9S, R17E
 Well: B-3-9-17
 Wellbore: Wellbore #1
 SURVEY: Actual

FINAL SURVEY REPORT

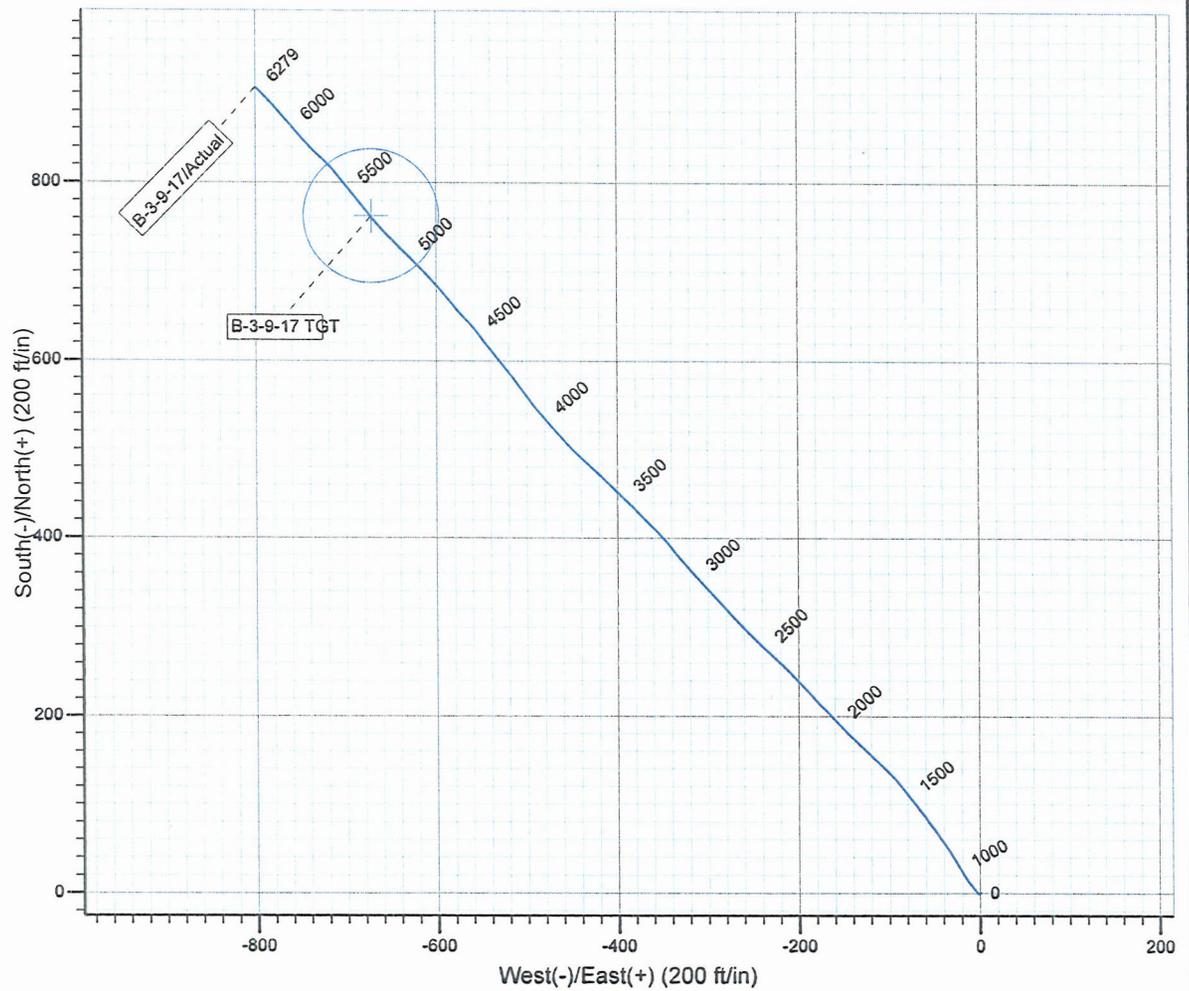


Azimuths to True North
 Magnetic North: 11.43°

Magnetic Field
 Strength: 52405.7snT
 Dip Angle: 65.85°
 Date: 2010/05/05
 Model: IGRF2010



Vertical Section at 318.61° (1500 ft/in)



Design: Actual (B-3-9-17/Wellbore #1)

Created By: *Jim Hudson* Date: 20:18, June 07 2010
 THIS SURVEY IS CORRECT TO THE BEST OF MY
 KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

Daily Activity Report

Format For Sundry

GRTR BNDRY II B-3-9-17**3/1/2010 To 7/30/2010****GRTR BNDRY II B-3-9-17****Waiting on Cement****Date:** 5/3/2010

Ross #21 at 320. Days Since Spud - 8 5/8" casing w/ 160 sks Class "G" + 2% CaCl₂ + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield. - Returned 3 bbls to pit. - On 4/28/10 Ross Rig #21 spud GB B-3-9-17, drilled 320' of 12 1/4" hole, and ran 7 jts 8 5/8" - casing (guide shoe, shoe jt, baffle plate, 6 jts) set @ 318.77' KB. On 5/3/10 BJ Services cemented

Daily Cost: \$0**Cumulative Cost:** \$27,879**GRTR BNDRY II B-3-9-17****Waiting on Cement****Date:** 5/8/2010

NDSI #2 at 2267. 1 Days Since Spud - Tested OK - P/U BHA AS Follows, Smith MSI 616 7 7/8" PDC Bit, Hunting 7/8 4.8 .33 Rev 1.5 Deg Mud Motor, 1x30' - Ckoke Line & Manifold To 2000 psi For 10 mins, Test 8 5/8" Casing To 1500 psi For 30 mins Everything - (Accept Rig @ 3:30 PM) R/U B&C Quick Test, Test Upper Kelly Valve, Floor Valve, Pipe Rams, Blind Rams, - Surface Equipment. (6.5 Mile Rig Move From Pariette Federal R-34-8-18) - Rig Down Move To Greater Boundary Fed. B-3-9-17. 5/7/10 MIRU With Marcus Liddell Trucking. Set All - Monel DC, 1x3' Double Gap Sub, 1x4' Double Gap Sub, 1x2' Antena Sub, 1x30' Monel DC, 26 jts HWDP Tag - Notify BLM & State On 5/6/10 Of Rig Move On 5/7/10 @ 8:00 AM And Bop Test On 5/7/10 @ 3:00 PM - No Flow - No H₂s Reported Last 24 Hrs. - Drill 7 7/8" Hole From 280' To 2267', 20,000 lbs WOB, 289 GPM, 150 TRPM, 189 fpm AVG ROP - Cement @ 280" - Install Rotating Rubber, Gain Circulation.

Daily Cost: \$0**Cumulative Cost:** \$67,805**GRTR BNDRY II B-3-9-17****Drill 7 7/8" hole with fresh water****Date:** 5/9/2010

NDSI #2 at 4421. 2 Days Since Spud - Drill 7 7/8" Hole From 2995' To 4421'. 20,000 lbs WOB, 289 GPM, 150 TRPM, 81.4 fph AVG ROP - No H₂s Reported Last 24 Hrs - Drill 7 7/8" Hole From 2267' To 2995'. 20,000 lbs WOB, 289 GPM, 150 TRPM, 121 fph AVG ROP - Rig Service, Check Crown-A-Matic, Function Test Bop's - No Flow @ 2995' Or 4389'

Daily Cost: \$0**Cumulative Cost:** \$86,919**GRTR BNDRY II B-3-9-17****Drill 7 7/8" hole with fresh water****Date:** 5/10/2010

NDSI #2 at 5879. 3 Days Since Spud - Rig Service, Check Crown-A-Matic, Function Test Bop's, Bop Drill All Hands In Place 1 Min. - Drill 7 7/8" Hole From 4738' To 5879', 25,000 lbs, 150 TRPM, 289 GPM, 65.2 fph AVG ROP - No H₂s Reported Last 24 Hrs. - No Flow - Drill 7 7/8" Hole From 4421' To 4738', 20,000 LBS, 150 TRPM, 289 GPM, 52.8 fph AVG ROP

Daily Cost: \$0**Cumulative Cost:** \$106,033**GRTR BNDRY II B-3-9-17****Cementing****Date:** 5/11/2010

NDSI #2 at 6285. 4 Days Since Spud - Cidr Hole For Laydown & Logs - Drill 7 7/8" Hole From

5879' To 6285', 25,000 LBS WOB, 150 TRPM, 289 GPM, 50.7 fph AVG ROP - R/u Phoenix Surveys Log Well With DISGL/SP/GR Suite From 6277' Loggers TD TO Surface And DSN/SDL/GR/ - CAL Suite, TD TO 3000' - R/U B&C Quick Test. Test 5 1/2" Casing Rams To 2000 psi For 10 Mins. Tested OK - R/U Marcus Liddell Casing Crew Run 142 jts 5.5" J-55 15.5# Set Shoe @ 6277' Set Top Float Collar @ - 6240' - Circ Casing - R/U BJ Services Cement 5 1/2" Casing - LDDP & BHA (Brake Kelly For Inspection) **Finalized**

Daily Cost: \$0

Cumulative Cost: \$177,956

GRTR BNDRY II B-3-9-17

Wait on Completion

Date: 5/12/2010

NDSI #2 at 6285. 5 Days Since Spud - (PL II + 3% KCL + 5# CSE + 0.5#CF + 2#KOL + .5SMS + FP + SF) Pump 2nd Stage 400 sks @ 14.4 ppg with - 1.24 yield (50:50:2 + 3% KCL + 0.5% EC-1 + .25#CF + .05#SF + .3SMS + FP-6L) Displaced With 148.6 bbls - water. Bumped Plug To 1700 psi Returned 30 bbls Cement To Pit. - Nipple Down Bop's, Set Slips W/ 86,000# Tension - Clean Mud Tanks - Released Rig @ 12:00 PM 5/11/10 - R/U BJ Services, Test Lines To 3800 psi, Pump 1st Stage 300 sk Pumped @ 11.0 ppg With 3.50 yield

Finalized

Daily Cost: \$0

Cumulative Cost: \$259,492

Pertinent Files: Go to File List