

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-61252
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 I-3-9-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-34085
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/NE 2048' FNL 1983' FEL At proposed prod. zone <i>SE</i> 1540' FNL 1175' FEL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 14.4 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. 1175' #/lse, 1175' #/unit	16. No. of Acres in lease 279.57	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. 1324'	19. Proposed Depth 6125'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5100' 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 11-18-08
Title 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)

RECEIVED

Federal Approval of this
Action is Necessary

SEP 08 2008

DIV. OF OIL, GAS & MINING

Surf

BHL

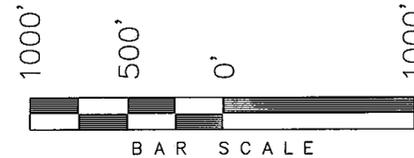
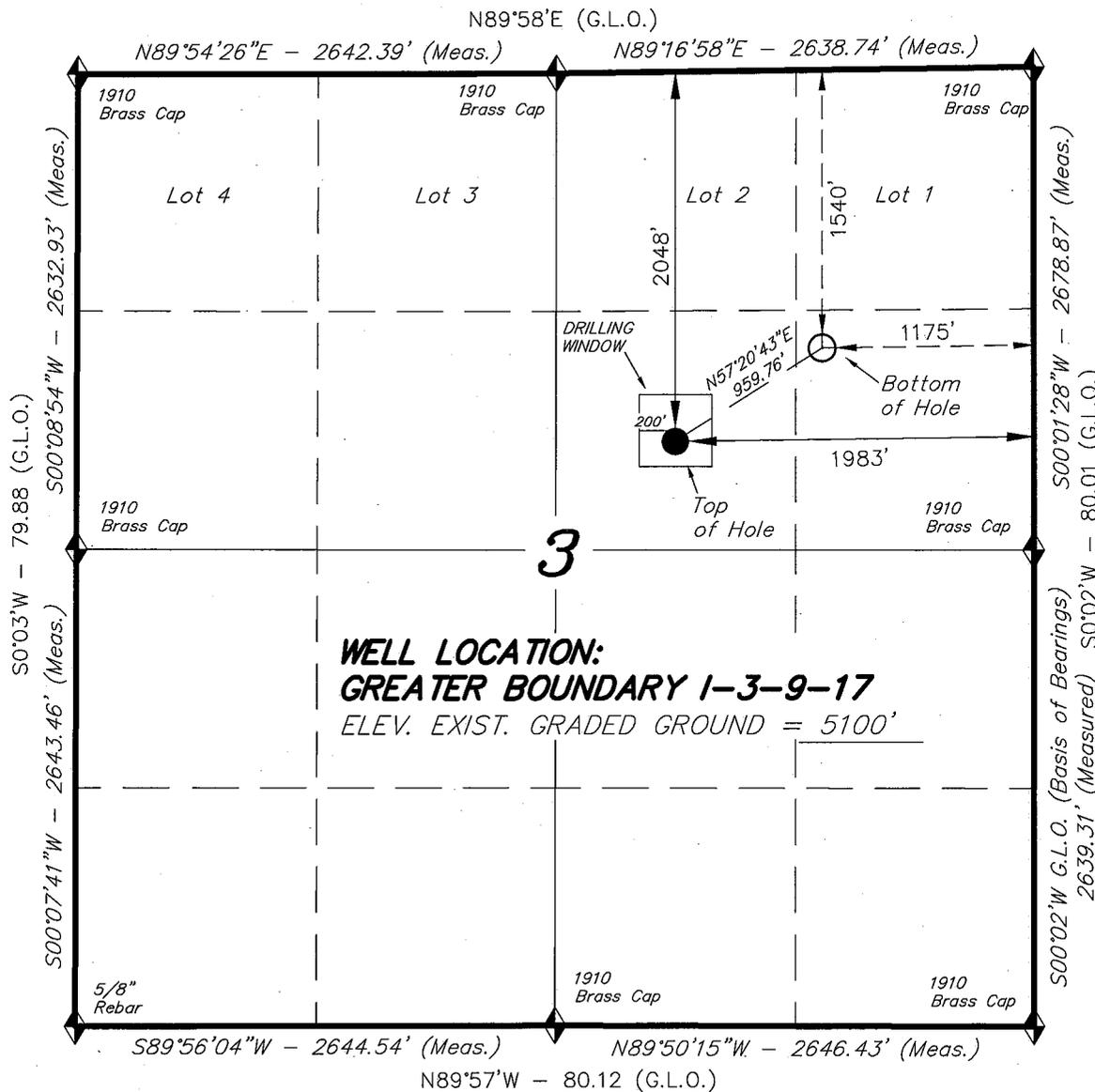
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4435038Y
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-109.986780

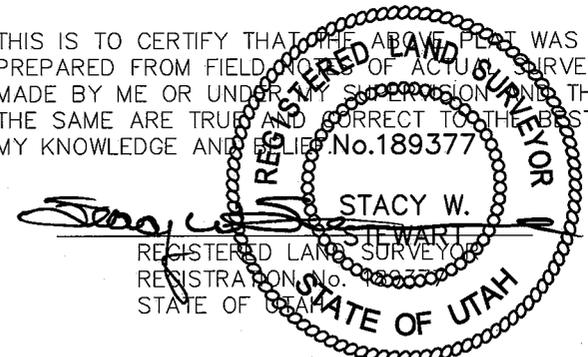
T9S, R17E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

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



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



TRI STATE LAND SURVEYING & CONSULTING

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

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

GREATER BOUNDARY 1-3-9-17
 (Surface Location) NAD 83
 LATITUDE = 40° 03' 41.74"
 LONGITUDE = 109° 59' 25.29"

◆ = SECTION CORNERS LOCATED

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

NEWFIELD PRODUCTION COMPANY
GREATER BOUNDARY II FEDERAL I-3-9-17
AT SURFACE: SW/NE 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' – 1452'
Green River	1452'
Wasatch	6125'
3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:
Green River Formation 1452' – 6125' - 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 I-3-9-17
AT SURFACE: SW/NE 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 I-3-9-17 located in the SW 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 - 1.2 miles \pm to its junction with the beginning of the access road to the existing Pinehurst Federal 3-7-9-17 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 Pinehurst Federal 3-7-9-17 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 Pinehurst Federal 3-7-9-17 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 I-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 I-3-9-17 will be drilled off of the existing Pinehurst Federal 3-7-9-17 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 70' of disturbed area be granted in Lease UTU-61252 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 #08-168, 8/5/08. Paleontological Resource Survey prepared by, Wade E. Miller, 6/25/08. 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.

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

Reserve Pit Liner

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

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

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

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

Details of the On-Site Inspection

The proposed Greater Boundary II Federal I-3-9-17 was on-sited on 6/11/08. 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

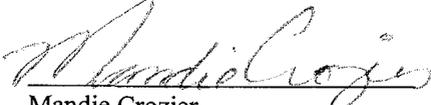
Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #I-3-9-17 SW/NE Section 3, Township 9S, Range 17E: Lease UTU-61252 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond 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

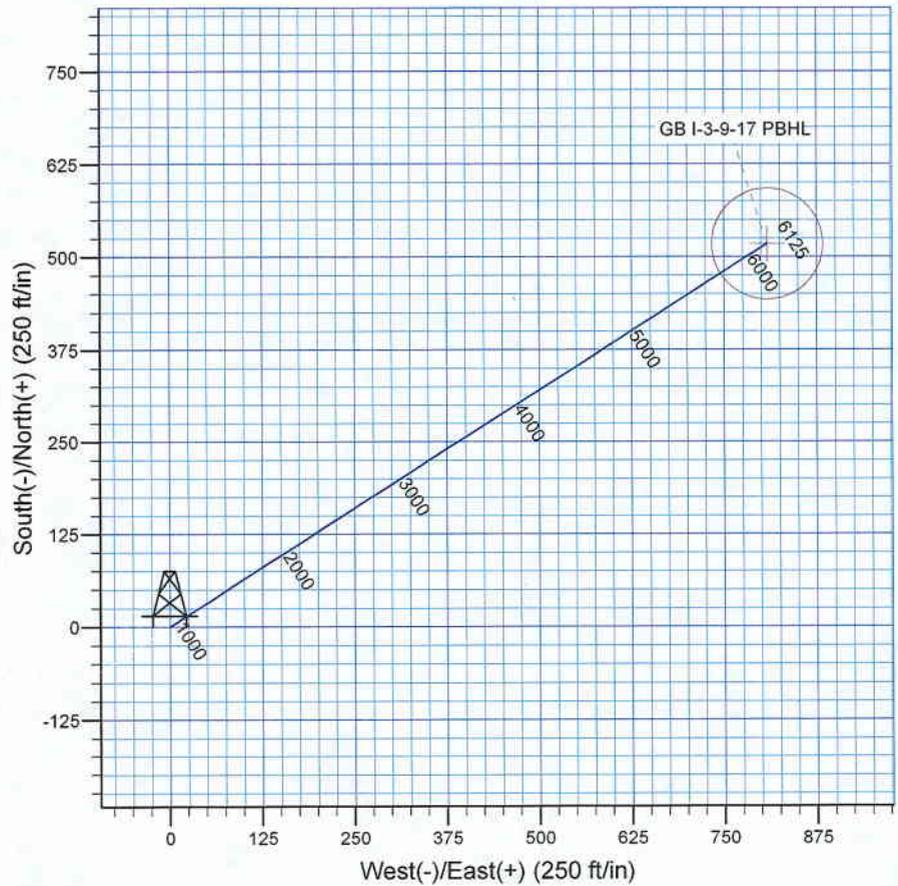
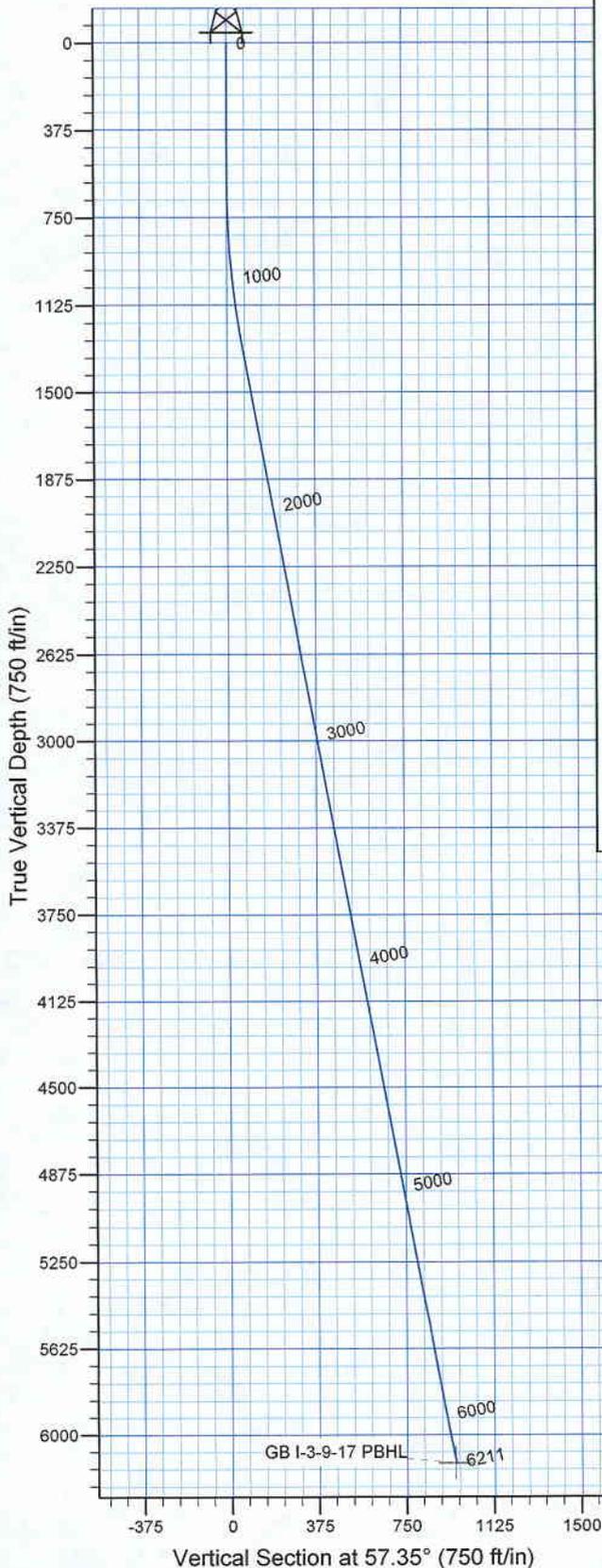


Azimuths to True North
 Magnetic North: 11.65°

Magnetic Field
 Strength: 52612.0snT
 Dip Angle: 65.90°
 Date: 2008-06-25
 Model: IGRF2005-10

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

GL 5100' & RKB 12' @ 5112.00ft 5100.00
 +N/-S 0.00 +E/-W 0.00 Northing 7194739.67 Easting 2062926.77 Latitude 40° 3' 41.740 N Longitude 109° 59' 25.290 W



Plan: Plan #1 (Greater Boundary I-3-9-17/OH)

Created By: Julie Cruse Date: 2008-06-25

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	
1300.62	10.51	57.35	1296.70	34.57	53.95	1.50	57.35	64.07	
6211.30	10.51	57.35	6125.00	517.80	808.10	0.00	0.00	959.76	GB I-3-9-17 PBHL

Newfield Exploration Co.

Duchesne County, UT NAD83 UTC

Greater Boundary

Greater Boundary I-3-9-17

OH

Plan: Plan #1

Standard Planning Report

25 June, 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 I-3-9-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Greater Boundary I-3-9-17
TVD Reference: GL 5100' & RKB 12' @ 5112.00ft
MD Reference: GL 5100' & RKB 12' @ 5112.00ft
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 I-3-9-17, 2048' FNL 1983' FEL Sec 3 T9S R17E					
Well Position	+N/-S	0.00 ft	Northing:	7,194,739.67 ft	Latitude:	40° 3' 41.740 N
	+E/-W	0.00 ft	Easting:	2,062,926.77 ft	Longitude:	109° 59' 25.290 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,100.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2008-06-25	11.65	65.91	52,612

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	57.35

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	
1,300.62	10.51	57.35	1,296.70	34.57	53.95	1.50	1.50	0.00	57.35	
6,211.30	10.51	57.35	6,125.00	517.80	808.10	0.00	0.00	0.00	0.00	GB I-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 I-3-9-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Greater Boundary I-3-9-17
TVD Reference: GL 5100' & RKB 12' @ 5112.00ft
MD Reference: GL 5100' & RKB 12' @ 5112.00ft
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	57.35	699.99	0.71	1.10	1.31	1.50	1.50	0.00
800.00	3.00	57.35	799.91	2.82	4.41	5.23	1.50	1.50	0.00
900.00	4.50	57.35	899.69	6.35	9.91	11.77	1.50	1.50	0.00
1,000.00	6.00	57.35	999.27	11.29	17.62	20.92	1.50	1.50	0.00
1,100.00	7.50	57.35	1,098.57	17.63	27.51	32.68	1.50	1.50	0.00
1,200.00	9.00	57.35	1,197.54	25.37	39.60	47.03	1.50	1.50	0.00
1,300.00	10.50	57.35	1,296.09	34.51	53.85	63.96	1.50	1.50	0.00
1,300.62	10.51	57.35	1,296.70	34.57	53.95	64.07	1.50	1.50	0.00
1,400.00	10.51	57.35	1,394.41	44.35	69.21	82.20	0.00	0.00	0.00
1,500.00	10.51	57.35	1,492.73	54.19	84.57	100.44	0.00	0.00	0.00
1,600.00	10.51	57.35	1,591.06	64.03	99.93	118.68	0.00	0.00	0.00
1,700.00	10.51	57.35	1,689.38	73.87	115.28	136.92	0.00	0.00	0.00
1,800.00	10.51	57.35	1,787.70	83.71	130.64	155.16	0.00	0.00	0.00
1,900.00	10.51	57.35	1,886.02	93.55	146.00	173.40	0.00	0.00	0.00
2,000.00	10.51	57.35	1,984.35	103.39	161.36	191.64	0.00	0.00	0.00
2,100.00	10.51	57.35	2,082.67	113.23	176.71	209.88	0.00	0.00	0.00
2,200.00	10.51	57.35	2,180.99	123.07	192.07	228.12	0.00	0.00	0.00
2,300.00	10.51	57.35	2,279.31	132.91	207.43	246.36	0.00	0.00	0.00
2,400.00	10.51	57.35	2,377.64	142.75	222.79	264.60	0.00	0.00	0.00
2,500.00	10.51	57.35	2,475.96	152.59	238.14	282.84	0.00	0.00	0.00
2,600.00	10.51	57.35	2,574.28	162.43	253.50	301.08	0.00	0.00	0.00
2,700.00	10.51	57.35	2,672.60	172.27	268.86	319.32	0.00	0.00	0.00
2,800.00	10.51	57.35	2,770.93	182.11	284.21	337.55	0.00	0.00	0.00
2,900.00	10.51	57.35	2,869.25	191.95	299.57	355.79	0.00	0.00	0.00
3,000.00	10.51	57.35	2,967.57	201.79	314.93	374.03	0.00	0.00	0.00
3,100.00	10.51	57.35	3,065.89	211.63	330.29	392.27	0.00	0.00	0.00
3,200.00	10.51	57.35	3,164.22	221.47	345.64	410.51	0.00	0.00	0.00
3,300.00	10.51	57.35	3,262.54	231.31	361.00	428.75	0.00	0.00	0.00
3,400.00	10.51	57.35	3,360.86	241.15	376.36	446.99	0.00	0.00	0.00
3,500.00	10.51	57.35	3,459.18	251.00	391.72	465.23	0.00	0.00	0.00
3,600.00	10.51	57.35	3,557.51	260.84	407.07	483.47	0.00	0.00	0.00
3,700.00	10.51	57.35	3,655.83	270.68	422.43	501.71	0.00	0.00	0.00
3,800.00	10.51	57.35	3,754.15	280.52	437.79	519.95	0.00	0.00	0.00
3,900.00	10.51	57.35	3,852.47	290.36	453.15	538.19	0.00	0.00	0.00
4,000.00	10.51	57.35	3,950.80	300.20	468.50	556.43	0.00	0.00	0.00
4,100.00	10.51	57.35	4,049.12	310.04	483.86	574.67	0.00	0.00	0.00
4,200.00	10.51	57.35	4,147.44	319.88	499.22	592.91	0.00	0.00	0.00
4,300.00	10.51	57.35	4,245.76	329.72	514.58	611.15	0.00	0.00	0.00
4,400.00	10.51	57.35	4,344.09	339.56	529.93	629.39	0.00	0.00	0.00
4,500.00	10.51	57.35	4,442.41	349.40	545.29	647.63	0.00	0.00	0.00
4,600.00	10.51	57.35	4,540.73	359.24	560.65	665.87	0.00	0.00	0.00
4,700.00	10.51	57.35	4,639.05	369.08	576.01	684.11	0.00	0.00	0.00
4,800.00	10.51	57.35	4,737.38	378.92	591.36	702.35	0.00	0.00	0.00
4,900.00	10.51	57.35	4,835.70	388.76	606.72	720.59	0.00	0.00	0.00
5,000.00	10.51	57.35	4,934.02	398.60	622.08	738.82	0.00	0.00	0.00
5,100.00	10.51	57.35	5,032.34	408.44	637.43	757.06	0.00	0.00	0.00
5,200.00	10.51	57.35	5,130.67	418.28	652.79	775.30	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 I-3-9-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Greater Boundary I-3-9-17
TVD Reference: GL 5100' & RKB 12' @ 5112.00ft
MD Reference: GL 5100' & RKB 12' @ 5112.00ft
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	10.51	57.35	5,228.99	428.12	668.15	793.54	0.00	0.00	0.00
5,400.00	10.51	57.35	5,327.31	437.96	683.51	811.78	0.00	0.00	0.00
5,500.00	10.51	57.35	5,425.63	447.80	698.86	830.02	0.00	0.00	0.00
5,600.00	10.51	57.35	5,523.96	457.64	714.22	848.26	0.00	0.00	0.00
5,700.00	10.51	57.35	5,622.28	467.48	729.58	866.50	0.00	0.00	0.00
5,800.00	10.51	57.35	5,720.60	477.32	744.94	884.74	0.00	0.00	0.00
5,900.00	10.51	57.35	5,818.92	487.16	760.29	902.98	0.00	0.00	0.00
6,000.00	10.51	57.35	5,917.25	497.00	775.65	921.22	0.00	0.00	0.00
6,100.00	10.51	57.35	6,015.57	506.84	791.01	939.46	0.00	0.00	0.00
6,200.00	10.51	57.35	6,113.89	516.68	806.37	957.70	0.00	0.00	0.00
6,211.30	10.51	57.35	6,125.00	517.80	808.10	959.76	0.00	0.00	0.00

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
GB I-3-9-17 PBHL - plan hits target center - Circle (radius 75.00)	0.00	0.00	6,125.00	517.80	808.10	7,195,271.03	2,063,726.01	40° 3' 46.857 N	109° 59' 14.896 W

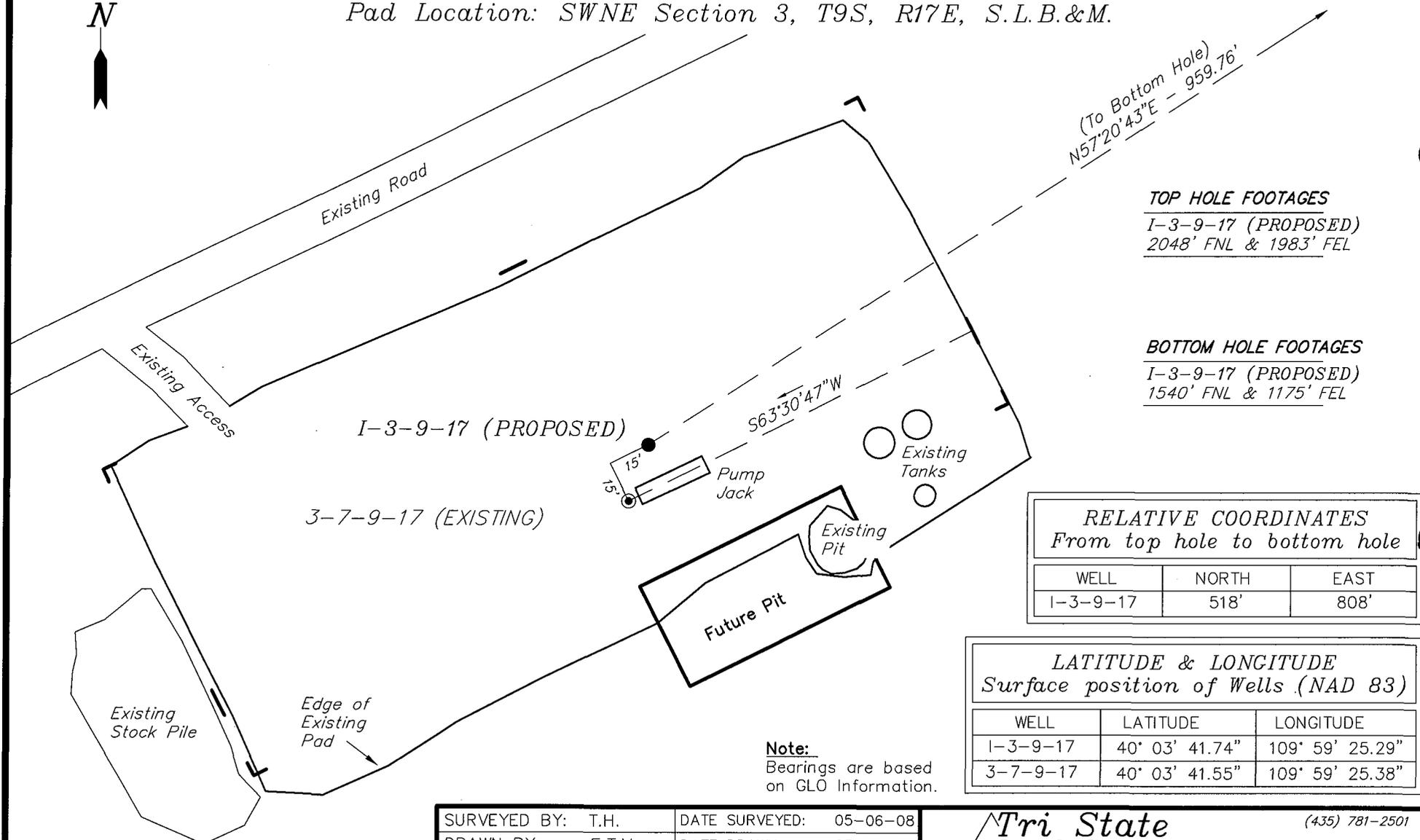
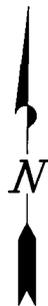
NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

GREATER BOUNDARY 1-3-9-17 (Proposed Well)

GREATER BOUNDARY 3-7-9-17 (Existing Well)

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



(To Bottom Hole)
N57°20'43"E = 959.76'

TOP HOLE FOOTAGES
1-3-9-17 (PROPOSED)
2048' FNL & 1983' FEL

BOTTOM HOLE FOOTAGES
1-3-9-17 (PROPOSED)
1540' FNL & 1175' FEL

RELATIVE COORDINATES From top hole to bottom hole		
WELL	NORTH	EAST
1-3-9-17	518'	808'

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)		
WELL	LATITUDE	LONGITUDE
1-3-9-17	40° 03' 41.74"	109° 59' 25.29"
3-7-9-17	40° 03' 41.55"	109° 59' 25.38"

Note:
Bearings are based on GLO Information.

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

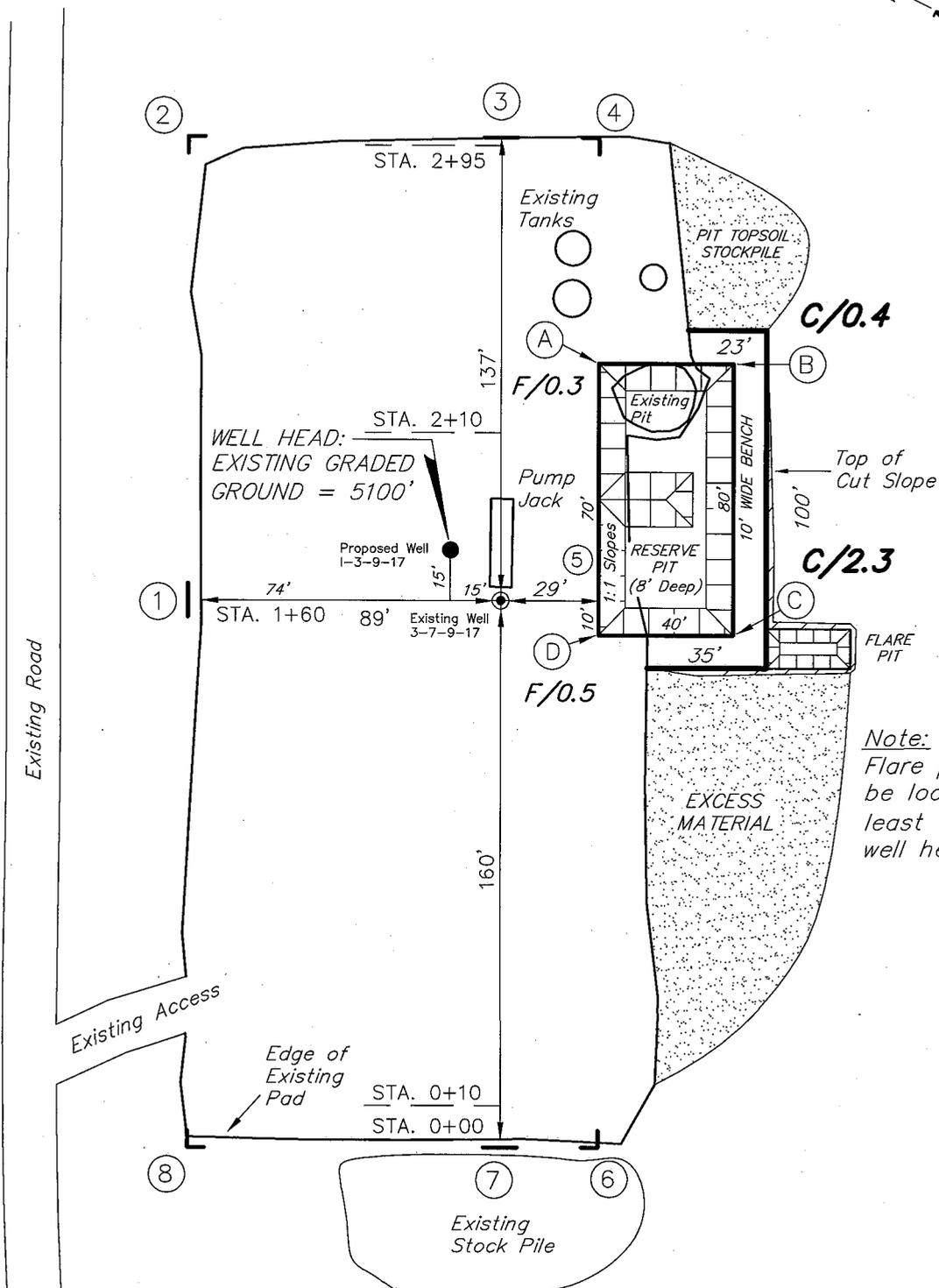
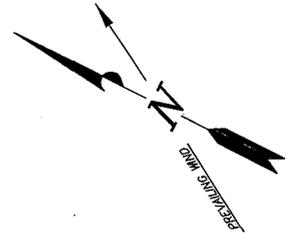
Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

GREATER BOUNDARY 1-3-9-17 (Proposed Well)

GREATER BOUNDARY 3-7-9-17 (Existing Well)

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



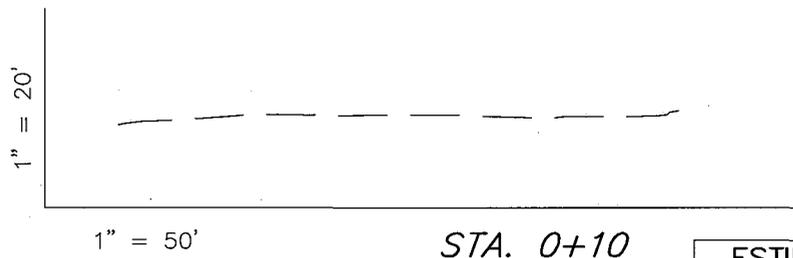
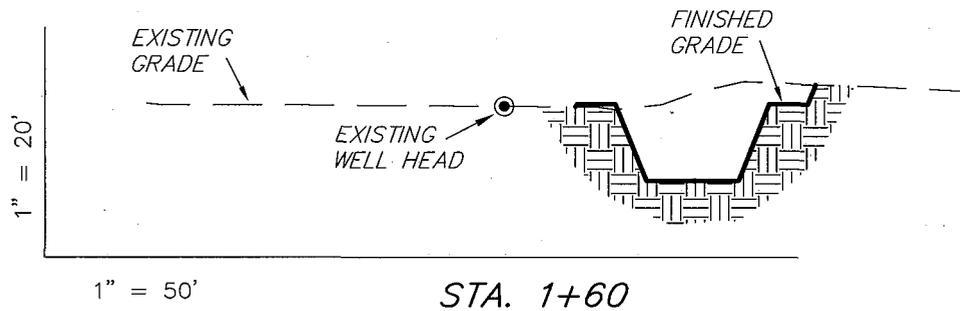
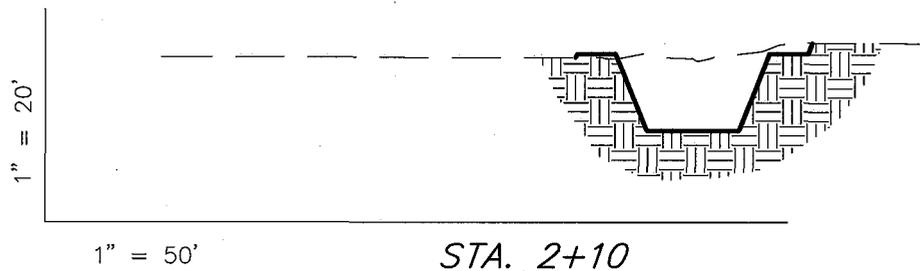
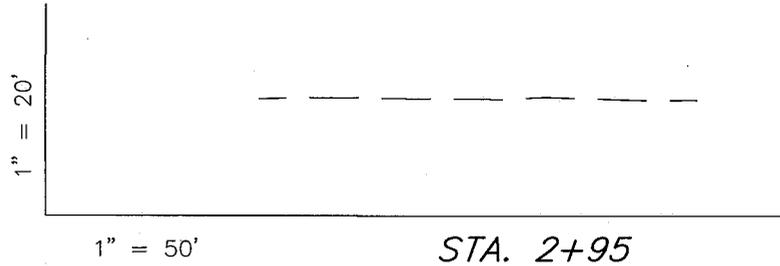
SURVEYED BY: T.H.	DATE SURVEYED: 05-06-08
DRAWN BY: F.T.M.	DATE DRAWN: 05-14-08
SCALE: 1" = 50'	REVISED:

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

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

GREATER BOUNDARY I-3-9-17 (Proposed Well)
 GREATER BOUNDARY 3-7-9-17 (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	170	20	Topsoil is not included in Pad Cut	150
PIT	640	0		640
TOTALS	810	20	120	790

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

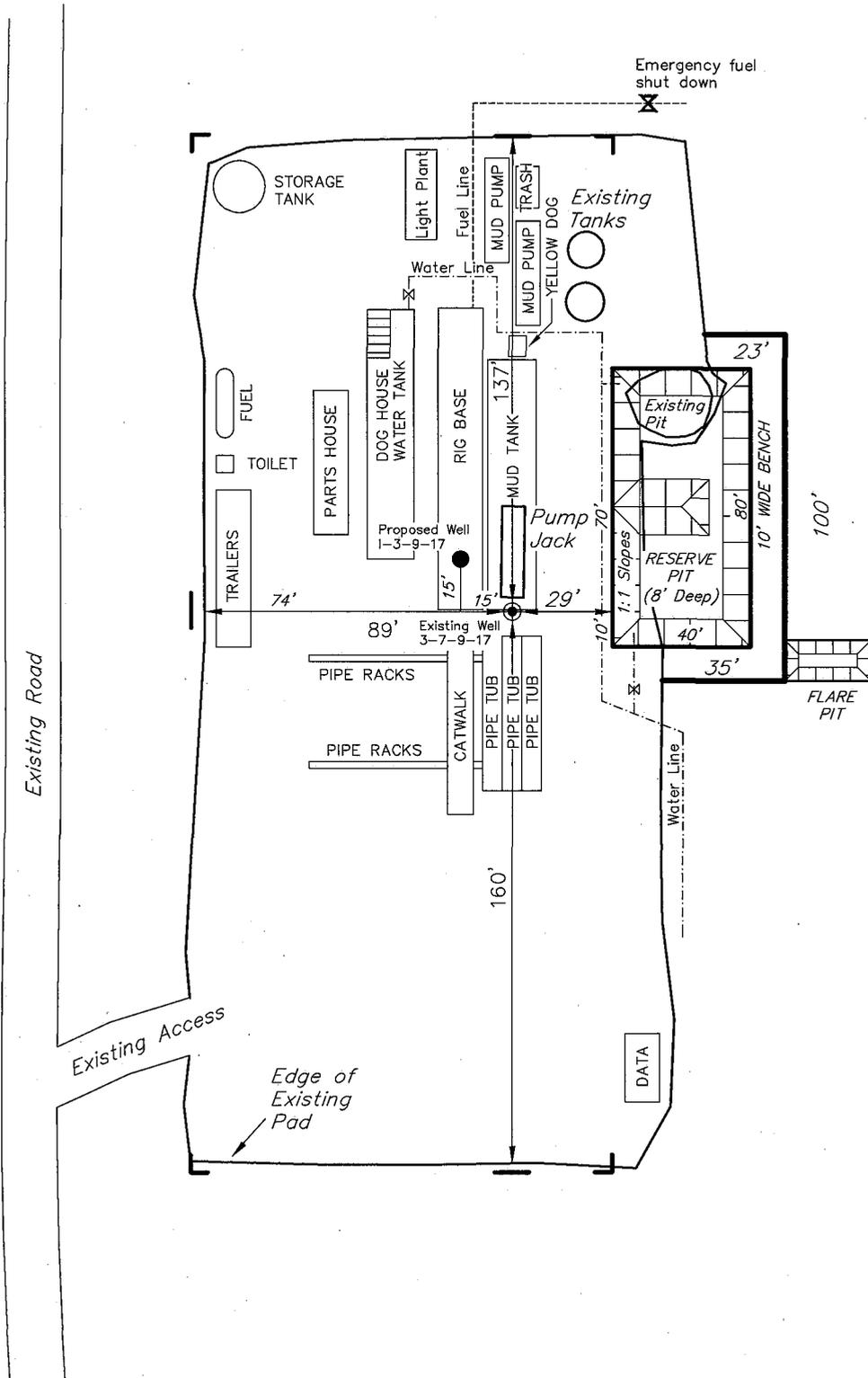
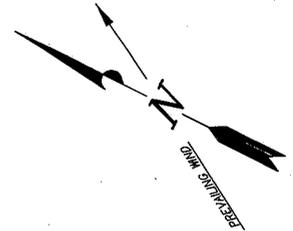
Tri State (435) 781-2501
 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

GREATER BOUNDARY 1-3-9-17 (Proposed Well)

GREATER BOUNDARY 3-7-9-17 (Existing Well)



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

SURVEYED BY: T.H.	DATE SURVEYED: 05-06-08
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 Proposed Site Facility Diagram

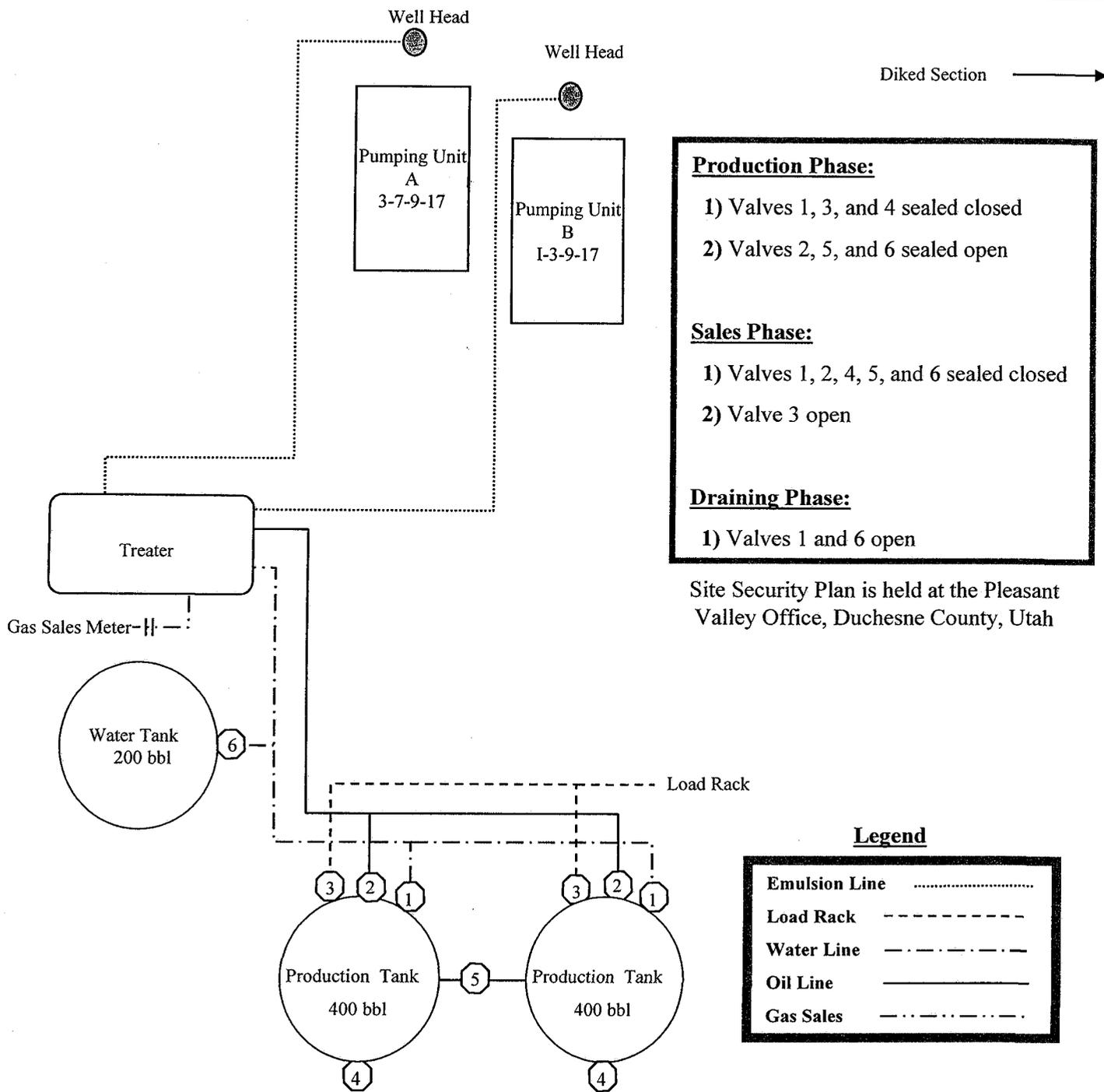
Greater Boundary II Federal I-3-9-17

From the 3-7-9-17 Location

SW/NE Sec. 3 T9S, R17E

Duchesne County, Utah

UTU-61252



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

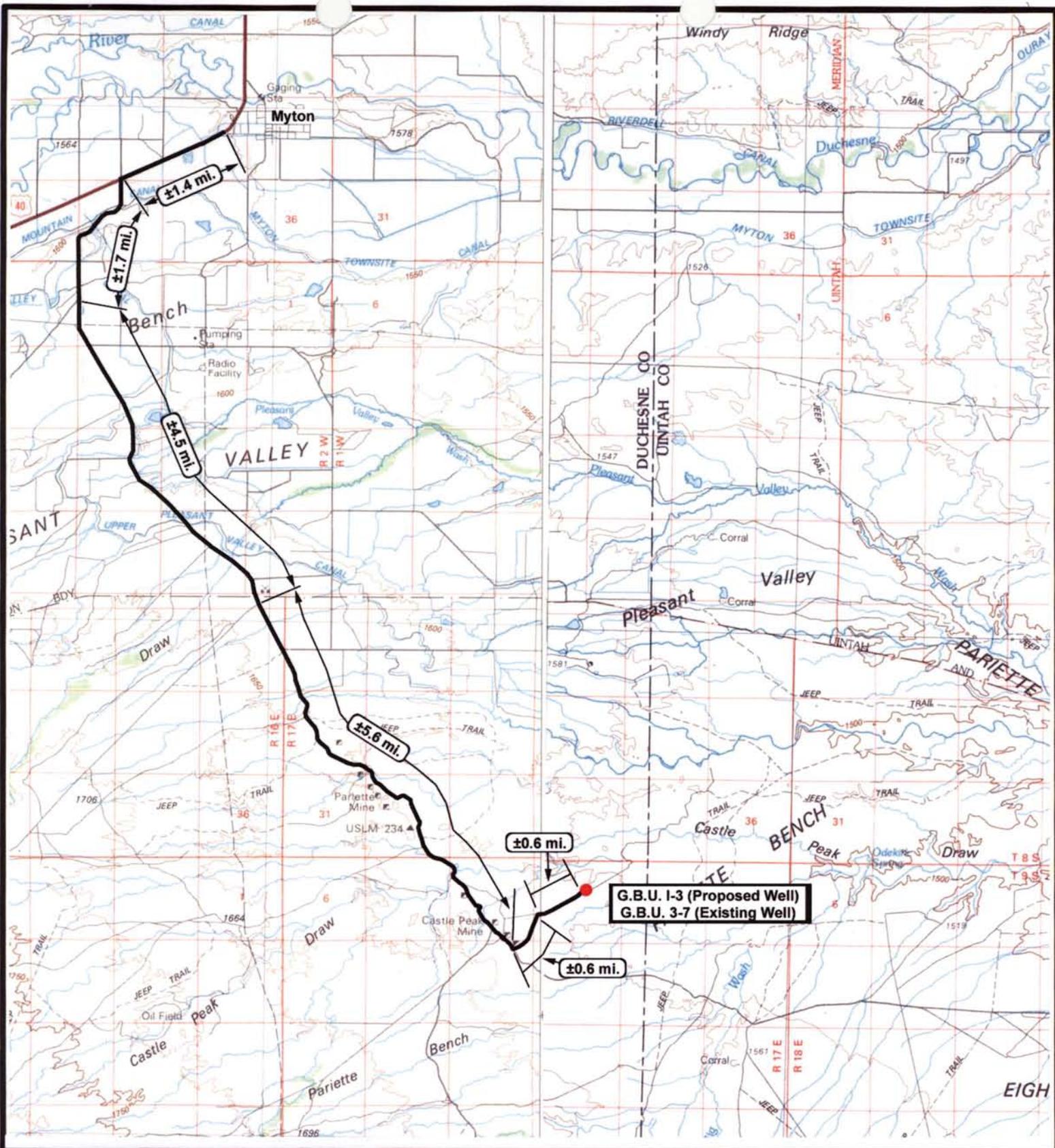
Draining Phase:

- 1) Valves 1 and 6 open

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

Legend

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



G.B.U. I-3 (Proposed Well)
G.B.U. 3-7 (Existing Well)

NEWFIELD
 Exploration Company

Greater Boundary I-3-9-17 (Proposed Well)
Greater Boundary 3-7-9-17 (Existing Well)
 Pad Location SWNE SEC. 3, T9S, R17E, S.L.B.&M.



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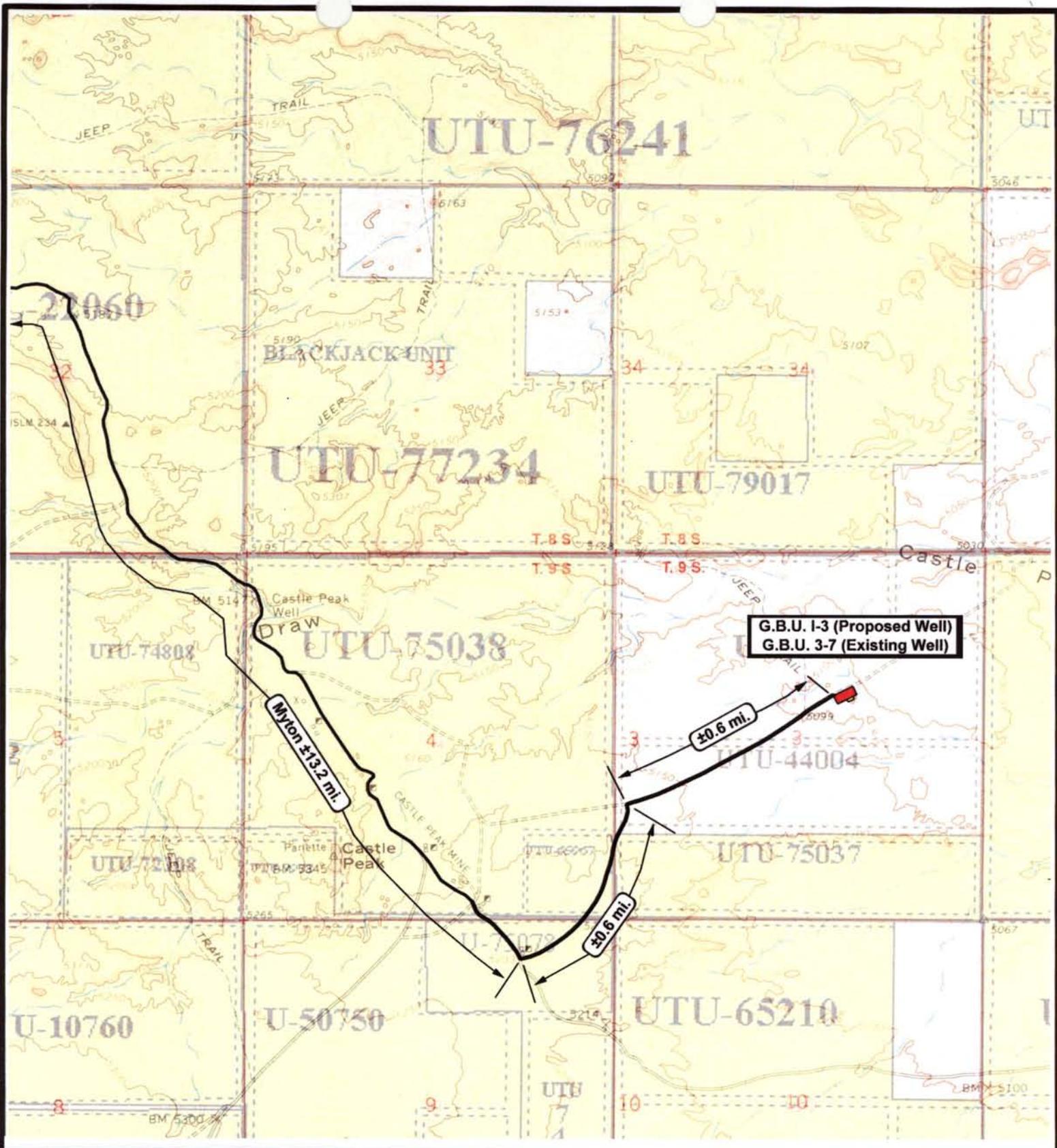
SCALE: 1 = 100,000
 DRAWN BY: JAS
 DATE: 05-29-2008

Legend

Existing Road

TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

Greater Boundary I-3-9-17 (Proposed Well)
Greater Boundary 3-7-9-17 (Existing Well)
Pad Location SWNE 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: 05-29-2008

Legend

Existing Road

TOPOGRAPHIC MAP

"B"



G.B.U. I-3 (Proposed Well)
G.B.U. 3-7 (Existing Well)

Tie into Existing
Waterline



NEWFIELD
Exploration Company

Greater Boundary I-3-9-17 (Proposed Well)
Greater Boundary 3-7-9-17 (Existing Well)
Pad Location SWNE SEC. 3, T9S, R17E, S.L.B.&M.



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

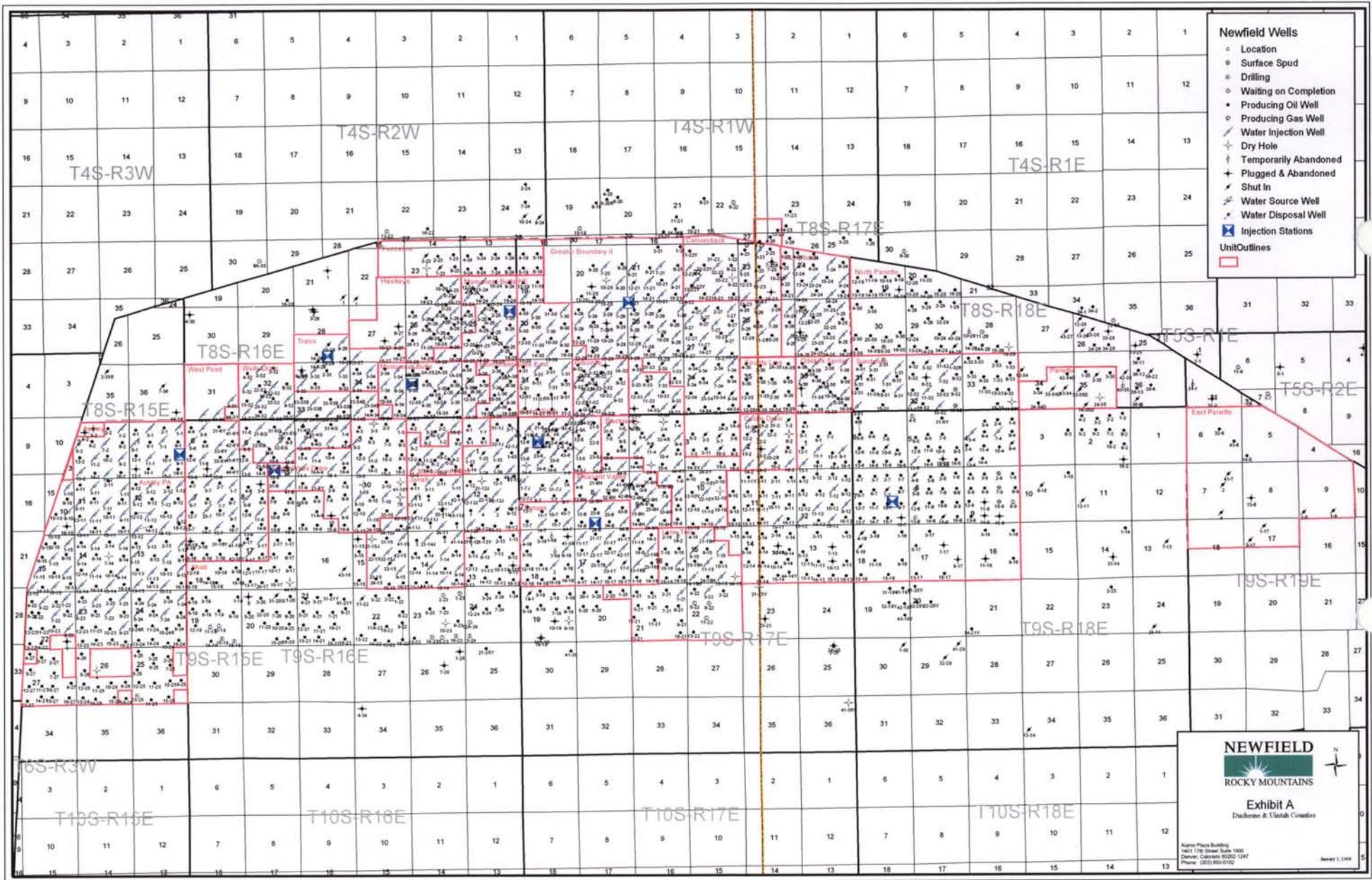
SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 05-29-2008

Legend

- Roads
- Proposed Water Line

TOPOGRAPHIC MAP

"C"



NEWFIELD
 ROCKY MOUNTAINS

Exhibit A
 Duchesne & Uintah Counties

Alamo Plaza Building
 1401 17th Street Suite 1000
 Denver, Colorado 80202-1247
 Phone: (303) 855-0102

January 7, 2008

Exhibit "D"

1 of 2

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S PROPOSED
WATERLINES BLACKJACK UNIT 12-33-8-17
AND GREATER BOUNDARY 3-7-9-17
(T8S, R17E, SEC. 33 AND T9S, R17E, SEC. 3)
DUCHESNE COUNTY, UTAH

By:

Jacki A. Montgomery

Prepared for:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company
Rt. 3 Box 3630
Myton, Utah 84052

Submitted By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 219
Moab, Utah 84532

MOAC Report No. 08-168

August 5, 2008

United States Department of Interior (FLPMA)
Permit No. 08-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-08-MQ-0623b



NEWFIELD EXPLORATION COMPANY

**PALEONTOLOGICAL SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE & Uintah COUNTIES, UTAH**

NE 1/4, NE 1/4, Section 32, T 8 S, R 18 E (1-32RT-8-18); NW 1/4, SW 1/4,
Section 25, SE 1/4, SW 1/4, Section 32 & NW 1/4, SE 1/4 Section 33, T 8 S, R 16 E (12-25-8-
16; 24-32-8-16; 33-33B-8-16); SE 1/4, NW 1/4, & NW 1/4, SW 1/4 Section 6, T 9 S, R 16 E (6-
6-9-16; 12-6-9-16); NW 1/4, SW 1/4, Section 33, T 8 S, R 17 E (12-33-8-17); and SW 1/4, NE
1/4, Section 3, T 9 S, R 17 E (7-3-9-17)

REPORT OF SURVEY

Prepared for:

Newfield Exploration Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
June 25, 2008

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 09/08/2008

API NO. ASSIGNED: 43-013-34085

WELL NAME: GB II FED I-3-9-17
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWNE 03 090S 170E
 SURFACE: 2048 FNL 1983 FEL
 BOTTOM: 1540 FNL 1175 FEL
 COUNTY: DUCHESNE
 LATITUDE: 40.06166 LONGITUDE: -109.9897
 UTM SURF EASTINGS: 586167 NORTHINGS: 4434879
 FIELD NAME: MONUMENT BUTTE (105)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-61252
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

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

LOCATION AND SITING:

- R649-2-3.
- Unit: GREATER BOUNDARY II (GR)
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 2254
Eff Date: 9-22-04
Siting: Suspends Genes (Siting)
- R649-3-11. Directional Drill

COMMENTS: See Separate file

STIPULATIONS: 1- Federal Approval

API Number: 4301334085

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

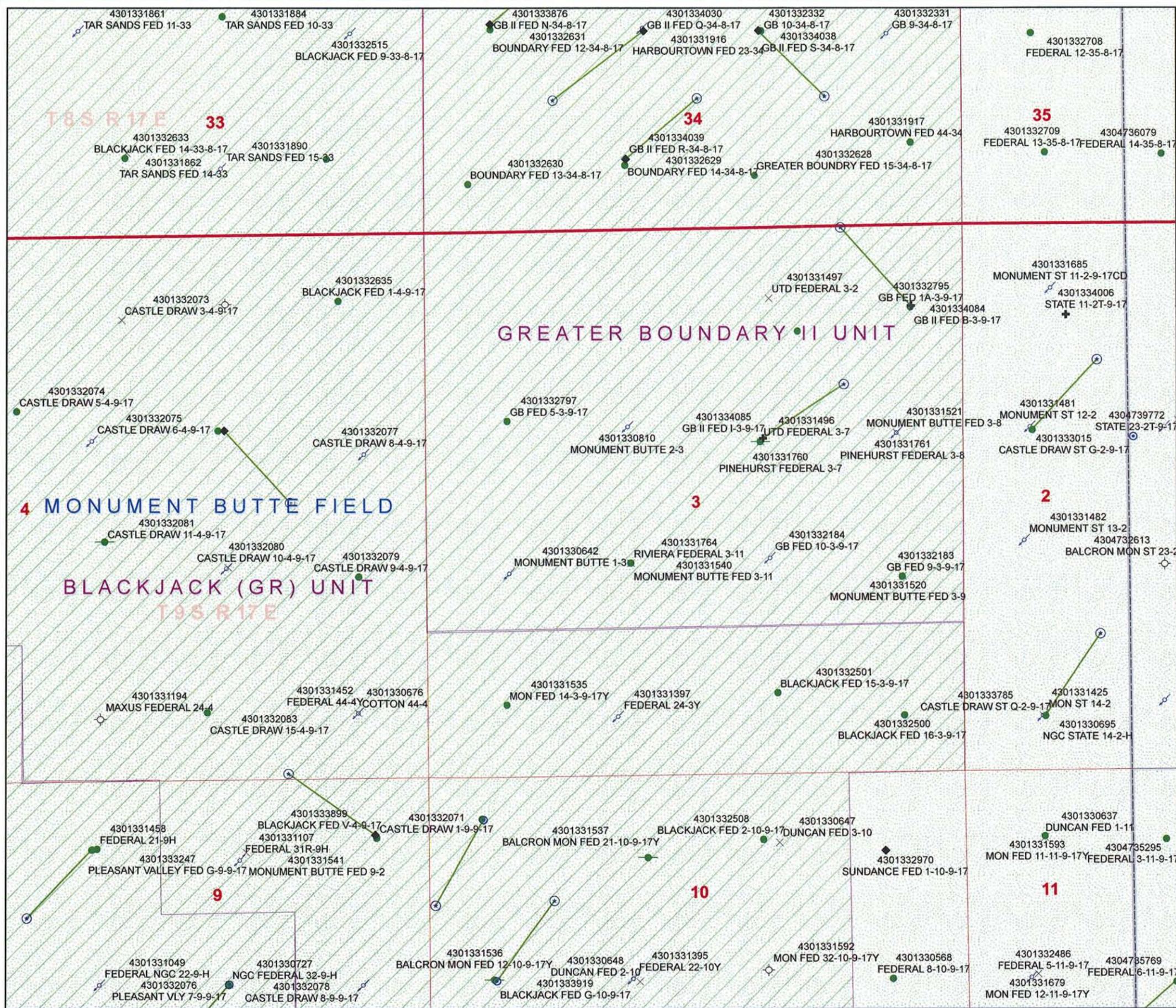
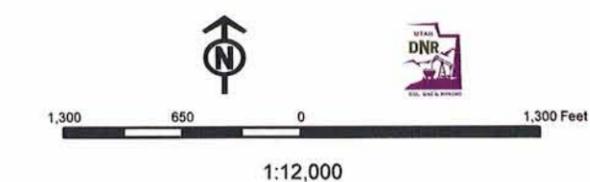
Township 09.0 S Range 17.0 E Section 03

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	PP GEOTHERM
PP OIL	LA
SECONDARY	NEW
TERMINATED	OPS
Fields	PA
STATUS	PGW
ACTIVE	POW
COMBINED	RET
Sections	SGW
Township	SOW
	TA
	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



November 6, 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 I-3-9-17
Greater Boundary II Unit
UTU-77098X
Surface Hole: T9S R17E, Section 3: SWNE
2048' FNL 1983' FEL
Bottom Hole: T9S R17E, Section 3
1540' FNL 1175' 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

NOV 12 2008

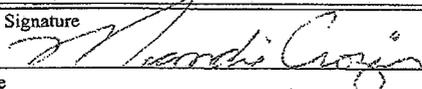
DIV. OF OIL, GAS & MINING

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

5. Lease Serial No. UTU-61252	
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 I-3-9-17	
9. API Well No.	
10. Field and Pool, or Exploratory Monument Butte	
11. Sec., T., R., M., or Blk. and Survey or Area Sec. 3, T9S R17E	
12. County or Parish Duchesne	13. State UT
14. Distance in miles and direction from nearest town or post office* Approximatley 14.4 miles southeast of Myton, Utah	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) <small>Approx. 1175' flse, 1175' flunit</small> Approx. 1324'	16. No. of Acres in lease 279.57
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. 1324'
19. Proposed Depth 6125'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5100' GL	22. Approximate date work will start* 4th Quarter 2008
23. Estimated duration <small>Approximately seven (7) days from spud to rig release.</small>	
24. Attachments	

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

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 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)

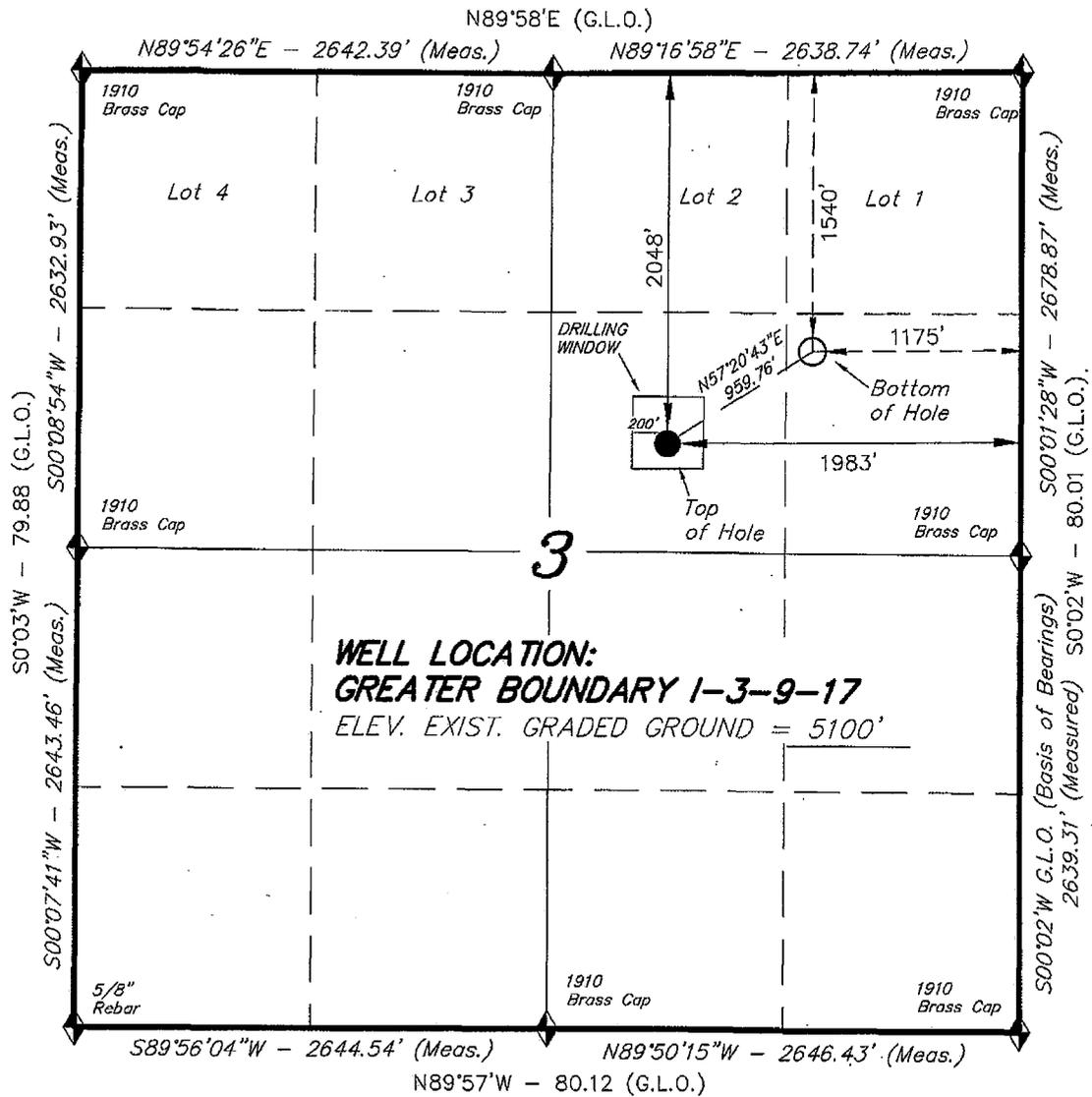
RECEIVED

NOV 12 2008

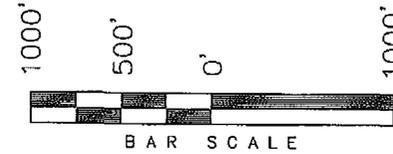
DIV. OF OIL, GAS & MINING

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

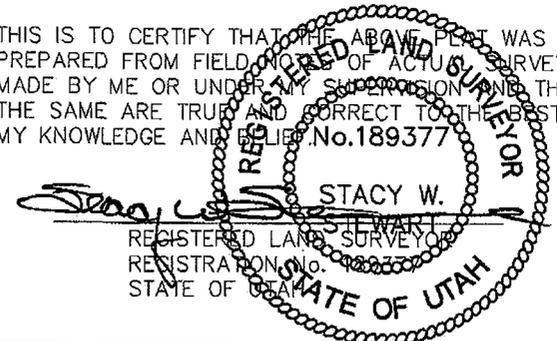
NEWFIELD PRODUCTION COMPANY



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



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



◆ = SECTION CORNERS LOCATED

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

GREATER BOUNDARY 1-3-9-17
 (Surface Location) NAD 83
 LATITUDE = 40° 03' 41.74"
 LONGITUDE = 109° 59' 25.29"

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

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



State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

November 18, 2008

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

Re: Greater Boundary II Federal I-3-9-17 Well, Surface Location 2048' FNL, 1983' FEL,
SW NE, Sec. 3, T. 9 South, R. 17 East, Bottom Location 1540' FNL, 1175' FEL,
SE 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 43-013-34085.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Newfield Production Company

Well Name & Number Greater Boundary II Federal I-3-9-17

API Number: 43-013-34085

Lease: UTU-61252

Surface Location: SW NE Sec. 3 T. 9 South R. 17 East

Bottom Location: SE 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 46

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEPT OF THE INTERIOR
BUREAU OF LAND MGMT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-61252
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 I-3-9-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43 013 34085
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/NE 2048' FNL 1983' FEL At proposed prod. zone 1540' FNL 1175' FEL SENE		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 14.4 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. 1175' f/lse, 1175' f/unit	16. No. of Acres in lease 279.57	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. 1324'	19. Proposed Depth 6125'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5100' 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:

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 8/28/08
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) Terry Kanova	Date DEC 04 2008
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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

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

*(Instructions on reverse)

NOS 6/4/08

NOTICE OF APPROVAL

AFMSS# 08PPO8444

UDOGMA

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



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



170 South 500 East

VERNAL, UT 84078

(435) 781-4400

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company **Location:** SWNE, Sec. 3, T9S, R17E(S)
SENE, Sec. 3, T9S, R17E(B)
Well No: Greater Boundary II Fed I-3-9-17 **Lease No:** UTU-61252
API No: 43-013-34085 **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:

STIPULATIONS:

There are two Golden eagle nests approximately 0.29 miles north and 0.49 miles northwest of the location. With this occurrence there will be a timing restriction to minimize disturbance for Golden eagle nesting from February 1 – July 15.

There is a Ferruginous hawk nest 0.42 miles south of the project area. With this occurrence there will be a timing restriction during construction and drilling activities to minimize disturbance of Ferruginous hawk nesting from March 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.

Comments:

If it is anticipated that construction or drilling will occur during the given timing restrictions for any wildlife, a BLM or qualified biologist shall be notified so surveys can be conducted. Depending upon the results of the surveys, permission to proceed may or may not be recommended or granted (depending on the species being surveyed and the condition of the habitat).

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.

CONDITIONS OF APPROVAL:

- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- All pipelines (surface and buried) will be laid within one 50' wide construction ROW, on one side of the road, and will reduce down to a 30' wide permanent ROW on lease.
- A temporary road ROW will not be granted. The road ROW will be 30 foot for construction and will reduce to an 18 foot running surface.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed. All roads will have an 18', crowned (2 to 3% minimum), running surface. All roads will have drainage ditches along both sides of road.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- To insure impermeability, the reserve pit will be lined with a 16 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- Any hydrocarbons in the reserve pit will be removed **immediately** upon well completion; in accordance with 43 CFR 3162.7-1. Pits must be free of oil and other liquid and solid wastes prior to filling.
- Monument Butte SOP, Section 9.2 - Pit Fencing Minimum Standards - will be strictly adhered to. To include 9.2.2.3 - Corner posts will be cemented and/or braced in such a manner as to keep fence tight at all times.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.

- During operations, if any vertebrate paleontological resources are discovered, in accordance with Section 6 of form 3100-11 and CFR 3162.1, all operations affecting such sites shall be immediately suspended, and all discoveries shall be left intact until authorized to proceed by the Authorized Officer.
- **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.**

- **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.

- 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 re-spread, 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 shall 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.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

***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 On-shore Oil and Gas Orders. A complete angular deviation and directional survey report shall be submitted to the Vernal BLM field office within 30 days following the completion of the well.**

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Wellogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

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

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

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-61252
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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: GREATER BOUNDARY II (GR)
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1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: GB II FED I-3-9-17
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2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013340850000
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3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
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4. LOCATION OF WELL FOOTAGES AT SURFACE: 2048 FNL 1983 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 03 Township: 09.0S Range: 17.0E Meridian: S	COUNTY: DUCHESNE STATE: UTAH
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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: 11/10/2009 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION 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 year for one year.

Approved by the Utah Division of Oil, Gas and Mining

Date: November 12, 2009

By:

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A		DATE 11/10/2009



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 43013340850000

API: 43013340850000

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

Location: 2048 FNL 1983 FEL QTR SWNE SEC 03 TWP 090S RNG 170E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 11/18/2008

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: 11/10/2009

Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

Date: November 12, 2009

By: 

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:
GRTR BNDRY II I-3-9-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301334085

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

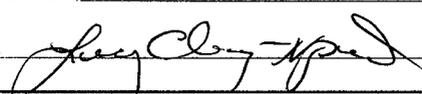
4. LOCATION OF WELL: FOOTAGES AT SURFACE: COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENE, 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: <u>06/05/2010</u>	<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 06-05-10, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant
SIGNATURE  DATE 06/15/2010

(This space for State use only)

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JUN 21 2010
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

GRTR BNDRY II I-3-9-17

4/1/2010 To 8/30/2010

5/25/2010 Day: 1

Completion

Rigless on 5/25/2010 - Run CBL & perforate 1st stage - Install 5m frac head. NU 6" 5K Cameron BOP. RU hot oil truck & pressure test casing, blind rams, frac head, & casing valves to 4500 psi w/ 2 bw. RU The Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6144' w/ cement top @ 60'. Perforate stage #1, CP5 sds (6001'-03') w/ 3 1/8" Port plug guns (11 gram .36" EH 16.82" pen) w/ 3 spf for a total of 6 shots. CP5 sds (5994'-97') w/ 3 1/8" Port plug guns (11 gram .36" EH 16.82" pen) w/ 3 spf for a total of 9 shots. sds (5900'-03') w/ 3 1/8" Port plug guns (11 gram .36" EH 16.82" pen) w/ 3 spf for a total of 9 shots. RD The Peforators LLC WLT.

Daily Cost: \$0

Cumulative Cost: \$12,269

6/1/2010 Day: 2

Completion

Rigless on 6/1/2010 - Perforate, frac & flowback 6 stages - Perforate & frac 6 stages as detailed. 2474 BWTR. Open for immediate flowback @ approx 3 BPM. Well flowed for 3 1/2 hours & died. Recovered approx 500 bbls. 1974 BWTR.

Daily Cost: \$0

Cumulative Cost: \$112,149

6/3/2010 Day: 3

Completion

Leed #731 on 6/3/2010 - MIRUSU. PU tbg & drill out first two plugs. - MIRUSU. ND frac BOPs & wellhead. NU production wellhead & BOPs. RU rig floor. Talley & PU 4 3/4" chomp bit, bit sub & 139- jts 2 7/8" J-55 8rd EUE tbg. Tag fill @ 4350'. Clean out to plug @ 4455'. Drill out plug in 10 min. Circulate well clean. Continue PU tbg & tag plug @ 5050'. Drill out plug in 20 min. Circulate well clean. SWIFN.

Daily Cost: \$0

Cumulative Cost: \$116,874

6/7/2010 Day: 4

Completion

Leed #731 on 6/7/2010 - Drill out remaining plugs & swab. - Check pressure on well, 100 psi csg & 0 psi tbg. Continue PU tbg & drill out plug @ 5180'. Drill out plug in 15 min. Continue PU tbg & tag fill @ 5360'. Clean out to plug @ 5460'. Drill out plug in 35 min. Continue PU tbg & tag plug @ 5790'. Drill out plug in 25 min. Continue PU tbg & tag fill @ 5989'. Clean out to PBTD @ 6189'. Circulate well clean. LD 3- jts tbg. RU swab equipment. Made 11- swab runs w/ SFL @ surface & EFL @ 1800'. Recovered 140 bbls ending w/ trace of oil, gas & sand. PU 3- jts tbg & tag fill @ 6185'. Clean out to PBTD @ 6189'. Circulate well clean. LD 5- jts tbg. SWIFN. 1994 BWTR. - Check pressure on well, 100 psi tbg & csg. TOOH w/ tbg & LD BHA. TIH w/ tbg as detailed. RD rig floor. ND BOPs. Set TA @ 5966' w/ 17,000#s tension. NU wellhead. X-over for rods. PU & prime Central Hydraulic 2 1/2" X 1 3/4" X 20' X 24' RHAC rod pump. PU rods as detailed. Fill tbg w/ 4 BW & stroke test pump w/ unit to 800 psi. RU pumping unit. RDMOSU. Could not PWOP due to mechanical failures, will PWOP in AM. 144" SL. 1998 BWTR. - Check pressure on well, 100 psi csg & 0 psi tbg. Continue PU tbg & drill out plug @ 5180'. Drill out plug in 15 min. Continue PU tbg & tag fill @ 5360'. Clean out to plug @ 5460'. Drill

out plug in 35 min. Continue PU tbg & tag plug @ 5790'. Drill out plug in 25 min. Continue PU tbg & tag fill @ 5989'. Clean out to PBTB @ 6189'. Circulate well clean. LD 3- jts tbg. RU swab equipment. Made 11- swab runs w/ SFL @ surface & EFL @ 1800'. Recovered 140 bbls ending w/ trace of oil, gas & sand. PU 3- jts tbg & tag fill @ 6185'. Clean out to PBTB @ 6189'. Circulate well clean. LD 5- jts tbg. SWIFN. 1994 BWTR. - Check pressure on well, 100 psi tbg & csg. TOOH w/ tbg & LD BHA. TIH w/ tbg as detailed. RD rig floor. ND BOPs. Set TA @ 5966' w/ 17,000#s tension. NU wellhead. X-over for rods. PU & prime Central Hydraulic 2 1/2" X 1 3/4" X 20' X 24' RHAC rod pump. PU rods as detailed. Fill tbg w/ 4 BW & stroke test pump w/ unit to 800 psi. RU pumping unit. RDMOSU. Could not PWOP due to mechanical failures, will PWOP in AM. 144" SL. 1998 BWTR. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$158,771

Pertinent Files: Go to File List

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU-61252

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

6. If Indian, Allottee or Tribe Name

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

7. Unit or CA Agreement Name and No.
GMBU

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

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

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

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

*Bit reviewed
by HSM*

10. Field and Pool or Exploratory
MONUMENT BUTTE

At surface 2048' FNL & 1983' FEL (SW/NE) SEC. 3, T9S, R17E (UTU-61252)

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

At top prod. interval reported below 1638' FNL & 1324' FEL (SW/NE) SEC. 3, T9S, R17E (UTU-61252)

12. County or Parish 13. State

At total depth 1425' FNL & 995' FEL (SE/NE) SEC. 3, T9S, R17E (UTU-61252)

DUCHESNE UT

14. Date Spudded
05/01/2010

15. Date T.D. Reached
05/18/2010

16. Date Completed 06/05/2010
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5100' GL 5112' KB

18. Total Depth: MD 6225'
TVD 6095

19. Plug Back T.D.: MD 6189'
TVD *1425'*

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	321'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6214'		300 PRIMLITE		60'	
						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@ 6065'	TA @ 5966'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River			5900-6003' CP4 CP5	.36"	3	24
B) Green River			5700-5742' CP1 CP2	.34"	3	27
C) Green River			5386-5394' A3	.34"	3	24
D) Green River			5109-5113' B.5	.34"	3	12

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

Depth Interval	Amount and Type of Material
5900-6003'	Frac w/ 34793#'s 20/40 sand in 230 bbls of Lightning 17 fluid.
5700-5742'	Frac w/ 59505#'s 20/40 sand in 371 bbls of Lightning 17 fluid.
5386-5394'	Frac w/ 34829#'s 20/40 sand in 229 bbls of Lightning 17 fluid.
5109-5113'	Frac w/ 9560#'s 20/40 sand in 89 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
6-5-10	6-20-10	24	→	84	0	17			2-1/2" x 1-3/4" x 20' x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

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

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

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28b. Production - Interval C

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

28c. Production - Interval D

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

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

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3829' 4005'
				GARDEN GULCH 2 POINT 3	4130' 4409'
				X MRKR Y MRKR	4644' 4682'
				DOUGALS CREEK MRK BI CARBONATE MRK	4817' 5075'
				B LIMESTON MRK CASTLE PEAK	5218' 5654'
				BASAL CARBONATE WASATCH	6082' 6181'

32. Additional remarks (include plugging procedure):

Stage 5: Green River Formation (D1 D2 & D3) 4832-5002', .34" 3/27 Frac w/ 75252#'s of 20/40 sand in 464 bbls of Lightning 17 fluid

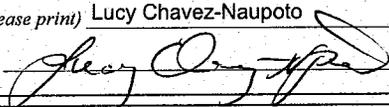
Stage 5: Green River Formation (GB6) 4394-4398', .34" 3/12 Frac w/ 18843#'s of 20/40 sand in 145 bbls of Lightning 17 fluid

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

- Electrical/Mechanical Logs (1 full set req'd.)
 Geologic Report
 DST Report
 Directional Survey
 Sundry Notice for plugging and cement verification
 Core Analysis
 Other: 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 06/29/2010

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
I-3-9-17**

Wellbore #1

Design: Actual

Standard Survey Report

07 June, 2010

HATHAWAY  BURNHAM
 DIRECTIONAL & MWD SERVICES 



HATHAWAY BURNHAM

Survey Report



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

Local Co-ordinate Reference: Well I-3-9-17
 TVD Reference: I-3-9-17 @ 5112.0ft (RIG #2)
 MD Reference: I-3-9-17 @ 5112.0ft (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	Latitude:	40° 3' 36.209 N	
From: Map	Easting:	2,062,000.00ft	Longitude:	109° 59' 37.280 W	
Position Uncertainty:	0.0 ft	Spot Radius:	"	Grid Convergence:	0.96 °

Well	I-3-9-17, SHL LAT: 40 03 41.74, LONG: -109 59 25.29					
Well Position	+N/-S	0.0 ft	Northing:	7,194,725.27 ft	Latitude:	40° 3' 41.740 N
	+E/-W	0.0 ft	Easting:	2,062,922.64 ft	Longitude:	109° 59' 25.290 W
Position Uncertainty	0.0 ft	Wellhead Elevation:	5,112.0 ft	Ground Level:	5,100.0 ft	

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2010/05/05	11.43	65.85	52,403

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	57.35	

Survey Program	Date 2010/06/07				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
422.0	6,225.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
422.0	1.10	148.00	422.0	-3.4	2.1	0.0	0.26	0.26	0.00
452.0	0.90	128.70	452.0	-3.8	2.5	0.0	1.30	-0.67	-64.33
483.0	1.00	117.40	483.0	-4.1	2.9	0.2	0.68	0.32	-36.45
514.0	1.20	120.60	514.0	-4.4	3.4	0.5	0.67	0.65	10.32
544.0	1.40	119.10	544.0	-4.7	4.0	0.8	0.68	0.67	-5.00
575.0	1.60	112.70	574.9	-5.1	4.8	1.3	0.84	0.65	-20.65
605.0	2.00	96.50	604.9	-5.3	5.7	1.9	2.14	1.33	-54.00
636.0	2.00	76.60	635.9	-5.2	6.7	2.8	2.23	0.00	-64.19
667.0	2.40	76.90	666.9	-5.0	7.9	4.0	1.29	1.29	0.97
697.0	2.60	74.40	696.9	-4.6	9.1	5.2	0.76	0.67	-8.33
728.0	2.50	74.90	727.8	-4.3	10.5	6.5	0.33	-0.32	1.61
758.0	2.60	60.10	757.8	-3.8	11.7	7.8	2.21	0.33	-49.33



HATHAWAY BURNHAM

Survey Report



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

Local Co-ordinate Reference: Well I-3-9-17
 TVD Reference: I-3-9-17 @ 5112.0ft (RIG #2)
 MD Reference: I-3-9-17 @ 5112.0ft (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	3.20	62.70	788.8	-3.0	13.1	9.4	1.98	1.94	8.39
819.0	3.30	64.80	818.7	-2.3	14.6	11.1	0.52	0.33	7.00
850.0	3.70	56.60	849.7	-1.3	16.2	13.0	2.06	1.29	-26.45
880.0	4.10	56.50	879.6	-0.2	17.9	15.0	1.33	1.33	-0.33
912.0	4.60	58.30	911.5	1.1	20.0	17.4	1.62	1.56	5.63
944.0	4.90	55.60	943.4	2.5	22.2	20.1	1.17	0.94	-8.44
976.0	5.40	52.40	975.2	4.2	24.5	22.9	1.80	1.56	-10.00
1,007.0	5.60	48.40	1,006.1	6.1	26.8	25.9	1.39	0.65	-12.90
1,039.0	6.30	50.70	1,037.9	8.3	29.3	29.2	2.31	2.19	7.19
1,071.0	6.50	52.00	1,069.7	10.5	32.1	32.7	0.77	0.63	4.06
1,102.0	7.10	51.20	1,100.5	12.8	35.0	36.4	1.96	1.94	-2.58
1,134.0	7.80	50.30	1,132.2	15.4	38.2	40.5	2.22	2.19	-2.81
1,166.0	8.40	50.00	1,163.9	18.3	41.7	45.0	1.88	1.88	-0.94
1,198.0	9.60	50.70	1,195.5	21.5	45.5	49.9	3.77	3.75	2.19
1,229.0	10.30	49.00	1,226.1	24.9	49.6	55.2	2.45	2.26	-5.48
1,261.0	10.50	48.40	1,257.5	28.8	54.0	61.0	0.71	0.63	-1.88
1,293.0	11.00	50.30	1,289.0	32.6	58.5	66.9	1.91	1.56	5.94
1,325.0	11.50	50.40	1,320.4	36.6	63.3	73.1	1.56	1.56	0.31
1,356.0	11.70	48.90	1,350.7	40.7	68.1	79.2	1.17	0.65	-4.84
1,388.0	12.20	49.10	1,382.0	45.0	73.1	85.8	1.57	1.56	0.63
1,420.0	13.00	48.60	1,413.3	49.6	78.3	92.7	2.52	2.50	-1.56
1,451.0	13.30	51.40	1,443.5	54.1	83.7	99.7	2.27	0.97	9.03
1,547.0	13.40	52.30	1,536.9	67.8	101.1	121.8	0.24	0.10	0.94
1,642.0	13.78	53.44	1,629.2	81.3	118.9	144.0	0.49	0.40	1.20
1,737.0	13.80	57.73	1,721.5	94.1	137.6	166.6	1.08	0.02	4.52
1,832.0	13.38	56.74	1,813.8	106.2	156.4	188.9	0.51	-0.44	-1.04
1,927.0	13.03	57.51	1,906.3	117.9	174.6	210.7	0.41	-0.37	0.81
2,021.0	13.25	58.45	1,997.8	129.3	192.7	232.0	0.33	0.23	1.00
2,117.0	13.51	58.10	2,091.2	141.0	211.6	254.2	0.28	0.27	-0.36
2,212.0	13.73	57.57	2,183.6	152.9	230.6	276.6	0.27	0.23	-0.56
2,307.0	12.90	55.20	2,276.0	165.0	248.8	298.5	1.05	-0.87	-2.49
2,402.0	12.20	57.60	2,368.7	176.4	266.0	319.1	0.92	-0.74	2.53
2,497.0	13.10	60.80	2,461.4	187.0	283.8	339.9	1.20	0.95	3.37
2,592.0	12.90	60.20	2,554.0	197.5	302.4	361.2	0.25	-0.21	-0.63
2,688.0	11.50	58.60	2,647.8	207.9	319.9	381.5	1.50	-1.46	-1.67
2,782.0	9.80	53.80	2,740.2	217.5	334.4	398.9	2.04	-1.81	-5.11
2,877.0	9.18	53.44	2,833.9	226.8	347.0	414.5	0.66	-0.65	-0.38
2,972.0	10.63	58.85	2,927.5	235.8	360.6	430.8	1.81	1.53	5.69
3,067.0	12.26	57.24	3,020.6	245.8	376.5	449.7	1.75	1.72	-1.69
3,163.0	12.02	56.01	3,114.4	256.9	393.4	469.8	0.37	-0.25	-1.28
3,257.0	13.40	58.91	3,206.1	268.0	410.8	490.5	1.62	1.47	3.09
3,352.0	14.81	60.93	3,298.3	279.6	430.9	513.6	1.57	1.48	2.13
3,447.0	13.97	58.43	3,390.3	291.5	451.3	537.2	1.10	-0.88	-2.63
3,543.0	14.60	59.30	3,483.3	303.7	471.5	560.9	0.69	0.66	0.91
3,638.0	15.40	56.50	3,575.1	316.8	492.4	585.5	1.14	0.84	-2.95
3,733.0	15.10	59.30	3,666.7	330.1	513.5	610.5	0.84	-0.32	2.95
3,828.0	15.60	59.70	3,758.4	342.8	535.2	635.6	0.54	0.53	0.42
3,923.0	14.90	61.10	3,850.0	355.2	556.9	660.5	0.83	-0.74	1.47
4,019.0	14.20	60.50	3,942.9	367.0	578.0	684.6	0.75	-0.73	-0.63
4,114.0	15.10	62.30	4,034.8	378.4	599.1	708.6	1.06	0.95	1.89
4,209.0	14.30	60.70	4,126.7	389.9	620.2	732.6	0.94	-0.84	-1.68
4,304.0	13.03	61.20	4,219.0	400.8	639.9	755.0	1.34	-1.34	0.53
4,399.0	12.66	64.36	4,311.7	410.5	658.6	776.0	0.84	-0.39	3.33
4,494.0	12.94	60.06	4,404.3	420.3	677.2	797.0	1.04	0.29	-4.53



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

Local Co-ordinate Reference: Well I-3-9-17
 TVD Reference: I-3-9-17 @ 5112.0ft (RIG #2)
 MD Reference: I-3-9-17 @ 5112.0ft (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)	
4,589.0	13.80	57.90	4,496.7	431.7	696.1	818.9	1.05	0.91	-2.27	
4,684.0	13.60	58.90	4,589.0	443.4	715.2	841.4	0.33	-0.21	1.05	
4,779.0	13.80	60.50	4,681.3	454.8	734.6	863.9	0.45	0.21	1.68	
4,874.0	13.30	54.70	4,773.7	466.7	753.4	886.1	1.52	-0.53	-6.11	
4,969.0	13.20	56.90	4,866.2	478.9	771.4	907.9	0.54	-0.11	2.32	
5,064.0	12.50	54.20	4,958.8	490.9	788.9	929.0	0.97	-0.74	-2.84	
5,159.0	12.10	52.00	5,051.6	503.0	805.0	949.2	0.65	-0.42	-2.32	
5,254.0	10.83	47.93	5,144.7	515.1	819.5	967.9	1.58	-1.34	-4.28	
5,307.0	10.70	51.35	5,196.8	521.5	827.1	977.7	1.23	-0.24	6.45	
I-3-9-17 TGT										
5,350.0	10.63	54.17	5,239.0	526.3	833.4	985.7	1.23	-0.17	6.57	
5,444.0	11.12	59.42	5,331.3	536.0	848.2	1,003.4	1.18	0.52	5.59	
5,539.0	11.95	60.48	5,424.4	545.5	864.7	1,022.4	0.90	0.87	1.12	
5,635.0	10.83	56.12	5,518.5	555.5	880.8	1,041.3	1.47	-1.17	-4.54	
5,730.0	11.51	59.31	5,611.7	565.3	896.4	1,059.7	0.97	0.72	3.36	
5,825.0	13.20	58.70	5,704.5	575.7	913.8	1,080.0	1.78	1.78	-0.64	
5,920.0	13.30	57.60	5,797.0	587.2	932.3	1,101.8	0.29	0.11	-1.16	
6,015.0	13.40	59.70	5,889.4	598.6	951.0	1,123.7	0.52	0.11	2.21	
6,110.0	12.30	55.20	5,982.1	610.0	968.8	1,144.8	1.56	-1.16	-4.74	
6,171.0	11.30	53.40	6,041.8	617.2	979.0	1,157.3	1.75	-1.64	-2.95	
6,225.0	11.00	58.00	6,094.7	623.1	987.6	1,167.7	1.74	-0.56	8.52	

Wellbore Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
I-3-9-17 TGT	0.00	0.00	5,200.0	517.8	808.1	7,195,256.63	2,063,721.89	40° 3' 46.857 N	109° 59' 14.896 W
- hit/miss target									
- Shape									
- actual wellpath misses by 19.6ft at 5307.0ft MD (5196.8 TVD, 521.5 N, 827.1 E)									
- Circle (radius 75.0)									

Checked By: _____ Approved By: _____ Date: _____

NEWFIELD



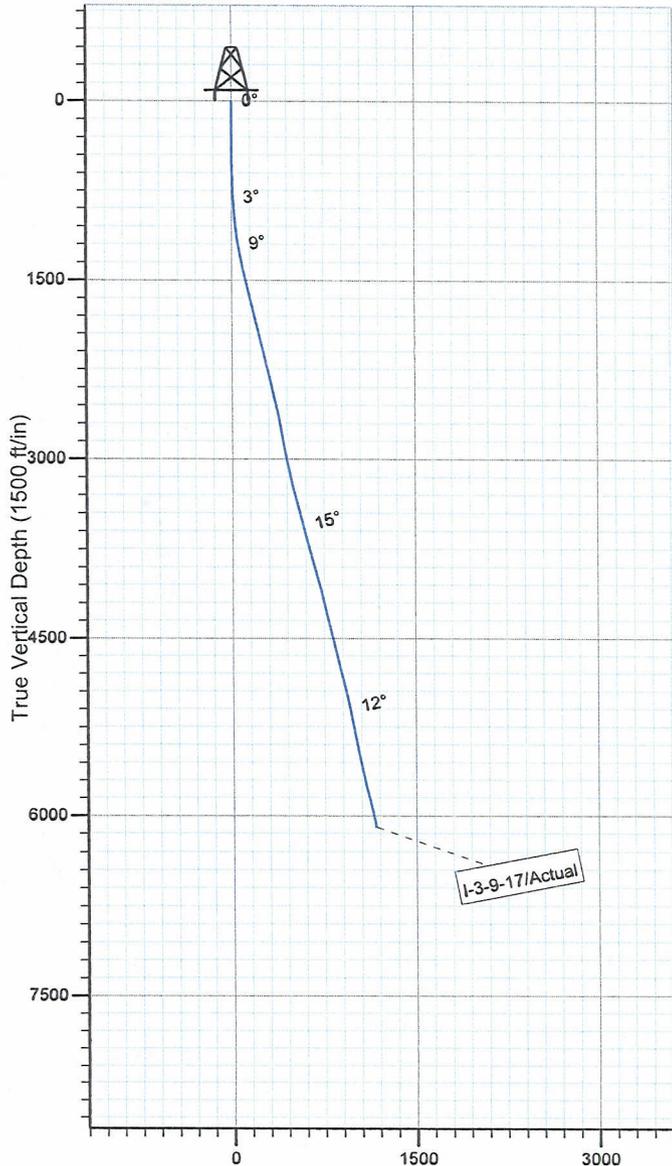
Project: USGS Myton SW (UT)
 Site: SECTION 3 T9S, R17E
 Well: I-3-9-17
 Wellbore: Wellbore #1
 SURVEY: Actual

FINAL SURVEY REPORT

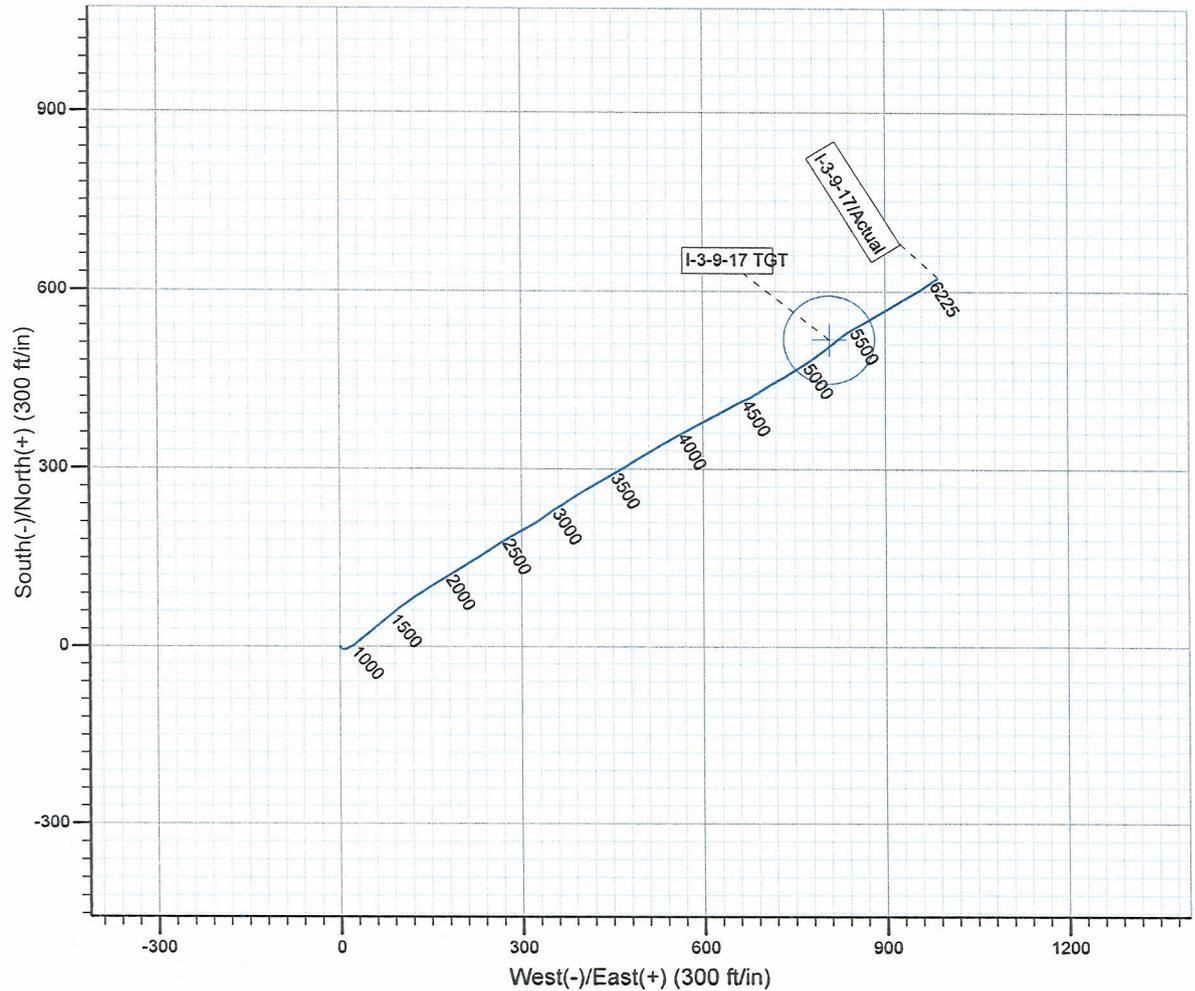


Azimuths to True North
 Magnetic North: 11.43°

Magnetic Field
 Strength: 52403.0snT
 Dip Angle: 65.85°
 Date: 2010/05/05
 Model: IGRF2010



Vertical Section at 57.35° (1500 ft/in)



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

Created By: *Tom Hudson* Date: 22:03, 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 I-3-9-17

3/1/2010 To 7/30/2010

GRTR BNDRY II I-3-9-17

Waiting on Cement

Date: 5/3/2010

Ross #21 at 320. Days Since Spud - Returned 3 bbls to pit. - On 5/1/10 Ross Rig #21 spud GB I-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 @ 320.84' KB. On 5/3/10 BJ Services cemented - 8 5/8" casing w/ 160 sks Class "G" + 2% CaCl₂ + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield.

Daily Cost: \$0

Cumulative Cost: \$27,861

GRTR BNDRY II I-3-9-17

Drill 7 7/8" hole with fresh water

Date: 5/12/2010

NDSI #2 at 320. 0 Days Since Spud - R/U B&C Quick Test, Test Pipe and Blind Rams, Choke, Kelly, and safety valve to 2,000PSI for ten Min. - MIRU on the Greater Boundary B-3-9-17 Set all Surface Equipment - Tested surface casing to 1,500PSI for 30 min. all tested good. - Repair Rig (Work on Draw Works, Pumps)

Daily Cost: \$0

Cumulative Cost: \$78,665

GRTR BNDRY II I-3-9-17

Drill 7 7/8" hole with fresh water

Date: 5/13/2010

NDSI #2 at 1574. 1 Days Since Spud - Drill 7 7/8" hole F/ 456' to 1574' W/ 20,000lbs WOB, 138TRPM, 400GPM, 93fph avg ROP - Work on Pump - Drill 7 7/8" hole F/ 278' to 465' W/ 20,000lbs WOB, 138TRPM, 400GPM, 93fph avg ROP - Pick up BHA as Follows Smith MI616 7 7/8" PDC Bit, 6 1/2" hunting 7/8 3.3 .16 1.5° Mud Motor, - Repair Rig Change out and work on pumps - 1X30.20' Monel, 1X3.31'Gap Sub, 1X4.42 Gap, 1X2.55 Antenna Sub, 1X30.58 Monel, 5 HWDP.

Daily Cost: \$0

Cumulative Cost: \$96,839

GRTR BNDRY II I-3-9-17

Drill 7 7/8" hole with fresh water

Date: 5/14/2010

NDSI #2 at 2841. 2 Days Since Spud - TOOH Change Bit and Motor - Trip in HWDP and Fill - Change out Mud Pumps (F/ C-250 to PZ-9) Change Back to PZ-9 - TOOH Change MM Scribe and TIH - Drill 7 7/8" hole F/ 1574' to 2841' W/ 20,000lbs WOB, 138TRPM, 400GPM, 71fph avg ROP - Drill 7 7/8" hole F/ 1574' to 2271' W/ 20,000lbs WOB, 138TRPM, 400GPM, 93fph avg ROP

Daily Cost: \$0

Cumulative Cost: \$134,223

GRTR BNDRY II I-3-9-17

Drill 7 7/8" hole with fresh water

Date: 5/15/2010

NDSI #2 at 4268. 3 Days Since Spud - Circulate, and change out pumps - Drill 7 7/8" hole F/ 3506' to 4268' W/ 25,000lbs WOB, 138TRPM, 350GPM, 67fph avg ROP - Drill 7 7/8" hole F/ 3380' to 3506' W/ 25,000lbs WOB, 138TRPM, 350GPM, 67fph avg ROP - Drill 7 7/8" hole F/ 2841' to 3380' W/ 20,000lbs WOB, 138TRPM, 350GPM, 67fph avg ROP - Rig Service, Function test BOP and Crown-O-Matic, Grease Blocks, Swivel, and Spinners

Daily Cost: \$0**Cumulative Cost:** \$153,837

GRTR BNDRY II I-3-9-17**Drill 7 7/8" hole with fresh water****Date:** 5/16/2010

NDSI #2 at 5245. 4 Days Since Spud - Drill 7 7/8" hole F/ 4268' to 4363' W/ 25,000lbs WOB, 138TRPM, 350GPM,55 fph avg ROP - TIH Wash to Bottom - Pick up Bit #3 High speed Motor and scribe Directional Tools - TOOH Change MM and Bit - Drill 7 7/8" hole F/ 4363' to 5245' W/ 25,000lbs WOB, 138TRPM, 350GPM,55 fph avg ROP - Circulate F/ Trip

Daily Cost: \$0**Cumulative Cost:** \$179,926

GRTR BNDRY II I-3-9-17**Drill 7 7/8" hole with fresh water****Date:** 5/17/2010

NDSI #2 at 6225. 5 Days Since Spud - Circulate F/ Laydown, and Logs - Drill 7 7/8" hole F/ 5562' to 6225' W/ 25,000lbs WOB, 138TRPM, 350GPM,55 fph avg ROP - Rig Service, Function test BOP and Crown-O-Matic, Grease Blocks, swivel, and spinners - Drill 7 7/8" hole F/ 5245' to 5562' W/ 25,000lbs WOB, 138TRPM, 350GPM,55 fph avg ROP - Laydown Drillpipe and BHA

Daily Cost: \$0**Cumulative Cost:** \$224,495

GRTR BNDRY II I-3-9-17**Wait on Completion****Date:** 5/18/2010

NDSI #2 at 6225. 6 Days Since Spud - Rig up PSI and Log Well (Loggers TD 6212') - Rig Up B&C Pressure test 5 1/2" rams to 2,000PSI F/ Ten Minutes, all tested Good - Rig up Casers & Run 143 joints 5 1/2" casing - Rig up BJ Hardlines and Circulate W/ Rig Pump - Laydown Drillpipe and BHA - 400sks 50:50:2+3%KCL+0.5%EC-1+.25#CF+.05#SF+.3SMS+FP-6L mixed @ 14.4ppg 1.24 yield. - Clean Mud Tanks - Nipple down set slips W/ 92,000lbs tension - Cement W/ 300sks PLII+3%KCL+5#CSE+0.5#CF+2#KOL+.5SMS+FP+SF mixed @11ppgW/ 3.5 yield **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$330,897

Pertinent Files: Go to File List