

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-76241
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. 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 N-34-8-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43013-33876
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SW 1998' FSL 637' FWL At proposed prod. zone 2643' FSL 1321' FWL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 12.8 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 34, T8S R17E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 3' f/lse, 3' f/unit	16. No. of Acres in lease 1880.00	17. Spacing Unit dedicated to this well 20 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1335'	19. Proposed Depth 6360'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5169' GL	22. Approximate date work will start* 1st 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 12/11/07
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 01-31-08
Title Off	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)

Swf 585349X
4436100Y
40.072734
-109.999101

BHL 585555X
4436299Y
40.074510
-109.996656

Federal Approval of this
Action Is Necessary

RECEIVED

JAN 14 2008

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
GREATER BOUNDARY II FEDERAL #N-34-8-17
AT SURFACE: NW/SW SECTION 34, T8S, R17E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2340'
Green River	2340'
Wasatch	6360'

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

Green River Formation 2340' – 6360' - 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.



Scientific Drilling
Rocky Mountain Operations

Project: Duchesne County, UT
Site: Greater Boundary II N-34-8-1
Well: Ground Boundary II N-34-8-17
Wellbore: OH
Design: Plan #1



Newfield Exploration Co.

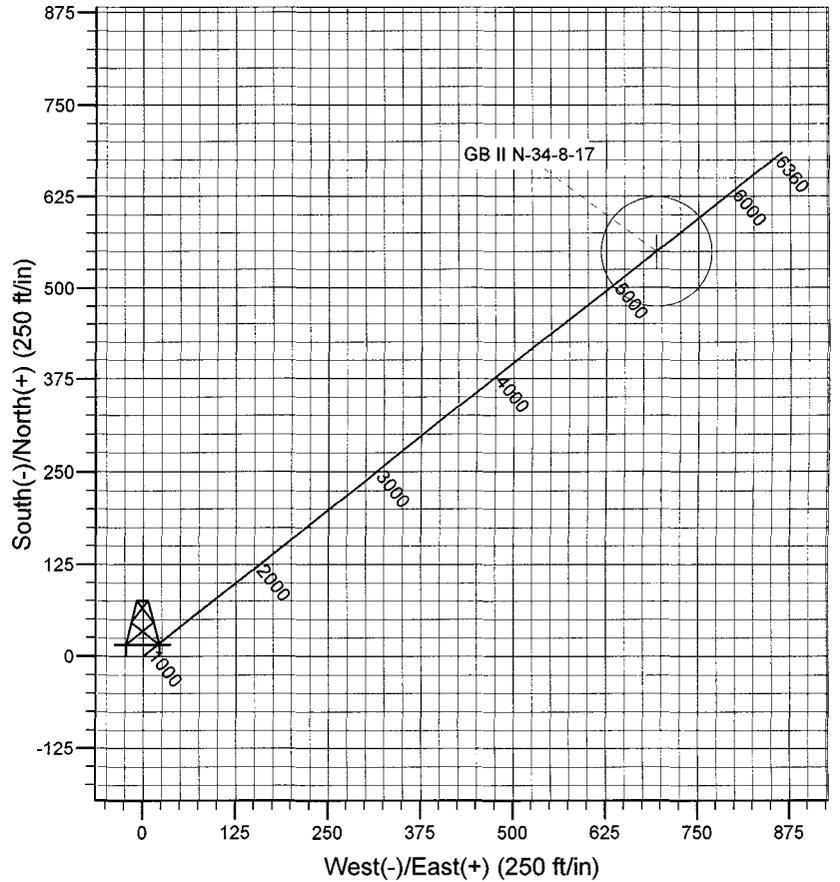
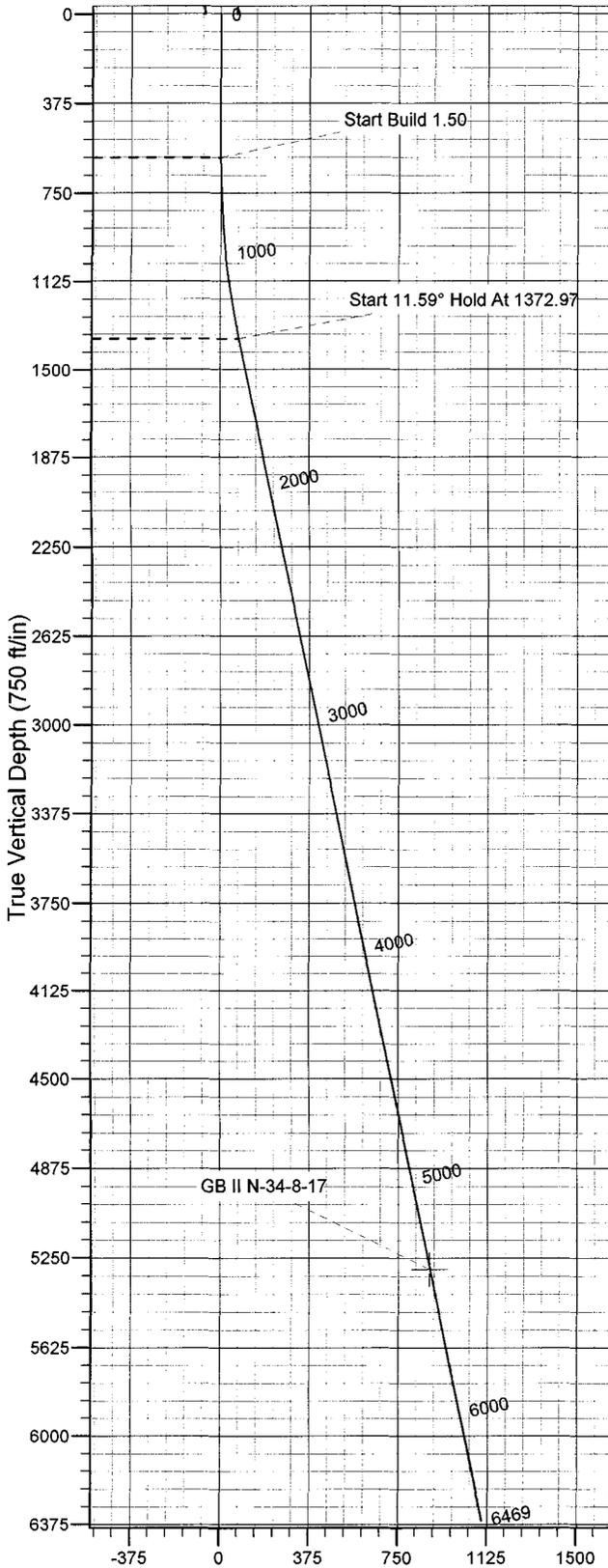
WELL DETAILS: Ground Boundary II N-34-8-17

GL 5169' & RKB 12' @ 5181.00ft (NDSI 2) 5169.00
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.00 0.00 7198731.65 2060206.74 40° 4' 21.640 N 109° 59' 59.410 W



Azimuths to True North
Magnetic North: 11.74°

Magnetic Field
Strength: 52677.5nT
Dip Angle: 65.93°
Date: 2007-11-01
Model: IGRF2005-10



FORMATION TOP DETAILS

Plan: Plan #1 (Ground Boundary II N-34-8-17/OH)

Created By: Rex Hall Date: 2007-11-01

PROJECT DETAILS: Duchesne County, UT

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone

System Datum: Mean Sea Level
Local North: True

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
3	1372.97	11.59	51.56	1367.70	48.45	61.05	1.50	51.56	77.94	
4	5387.18	11.59	51.56	5300.00	550.00	693.00	0.00	0.00	884.73	GB II N-34-8-17
5	6469.26	11.59	51.56	6360.00	685.20	863.35	0.00	0.00	1102.21	

Newfield Exploration Co.

Duchesne County, UT

Greater Boundary II N-34-8-17

Ground Boundary II N-34-8-17

OH

Plan: Plan #1

Standard Planning Report

01 November, 2007

Scientific Drilling

Planning Report

Database: EDM 2003.16 Mult User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT
Site: Greater Boundary II N-34-8-17
Well: Ground Boundary II N-34-8-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Ground Boundary II N-34-8-17
TVD Reference: GL 5169' & RKB 12' @ 5181.00ft (NDSI 2)
MD Reference: GL 5169' & RKB 12' @ 5181.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Project	Duchesne County, UT		
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 II N-34-8-17, Sec 34 T8S R17E				
Site Position:		Northing:	7,198,731.66 ft	Latitude:	40° 4' 21.640 N
From:	Lat/Long	Easting:	2,060,206.74 ft	Longitude:	109° 59' 59.410 W
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence:	0.96 °

Well	Ground Boundary II N-34-8-17, 1998' FSL & 637' FWL					
Well Position	+N/-S	0.00 ft	Northing:	7,198,731.65 ft	Latitude:	40° 4' 21.640 N
	+E/-W	0.00 ft	Easting:	2,060,206.74 ft	Longitude:	109° 59' 59.410 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,169.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2007-11-01	11.74	65.93	52,678

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	51.56

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	
1,372.97	11.59	51.56	1,367.70	48.45	61.05	1.50	1.50	0.00	51.56	
5,387.18	11.59	51.56	5,300.00	550.00	693.00	0.00	0.00	0.00	0.00	0.00 GB II N-34-8-17
6,469.26	11.59	51.56	6,360.00	685.20	863.35	0.00	0.00	0.00	0.00	

Scientific Drilling

Planning Report

Database: EDM 2003.16 Mult User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT
Site: Greater Boundary II N-34-8-17
Well: Ground Boundary II N-34-8-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Ground Boundary II N-34-8-17
TVD Reference: GL 5169' & RKB 12' @ 5181.00ft (NDSI 2)
MD Reference: GL 5169' & RKB 12' @ 5181.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	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
Start Build 1.50									
700.00	1.50	51.56	699.99	0.81	1.03	1.31	1.50	1.50	0.00
800.00	3.00	51.56	799.91	3.25	4.10	5.23	1.50	1.50	0.00
900.00	4.50	51.56	899.69	7.32	9.22	11.77	1.50	1.50	0.00
1,000.00	6.00	51.56	999.27	13.01	16.39	20.92	1.50	1.50	0.00
1,100.00	7.50	51.56	1,098.57	20.31	25.60	32.68	1.50	1.50	0.00
1,200.00	9.00	51.56	1,197.54	29.23	36.84	47.03	1.50	1.50	0.00
1,300.00	10.50	51.56	1,296.09	39.76	50.10	63.96	1.50	1.50	0.00
1,372.97	11.59	51.56	1,367.70	48.45	61.05	77.94	1.50	1.50	0.00
Start 11.59° Hold At 1372.97									
1,400.00	11.59	51.56	1,394.18	51.83	65.31	83.38	0.00	0.00	0.00
1,500.00	11.59	51.56	1,492.14	64.33	81.05	103.47	0.00	0.00	0.00
1,600.00	11.59	51.56	1,590.10	76.82	96.79	123.57	0.00	0.00	0.00
1,700.00	11.59	51.56	1,688.06	89.31	112.54	143.67	0.00	0.00	0.00
1,800.00	11.59	51.56	1,786.02	101.81	128.28	163.77	0.00	0.00	0.00
1,900.00	11.59	51.56	1,883.98	114.30	144.02	183.87	0.00	0.00	0.00
2,000.00	11.59	51.56	1,981.94	126.80	159.76	203.97	0.00	0.00	0.00
2,100.00	11.59	51.56	2,079.90	139.29	175.51	224.06	0.00	0.00	0.00
2,200.00	11.59	51.56	2,177.86	151.79	191.25	244.16	0.00	0.00	0.00
2,300.00	11.59	51.56	2,275.82	164.28	206.99	264.26	0.00	0.00	0.00
2,400.00	11.59	51.56	2,373.78	176.78	222.74	284.36	0.00	0.00	0.00
2,500.00	11.59	51.56	2,471.74	189.27	238.48	304.46	0.00	0.00	0.00
2,600.00	11.59	51.56	2,569.70	201.76	254.22	324.56	0.00	0.00	0.00
2,700.00	11.59	51.56	2,667.66	214.26	269.96	344.66	0.00	0.00	0.00
2,800.00	11.59	51.56	2,765.62	226.75	285.71	364.75	0.00	0.00	0.00
2,900.00	11.59	51.56	2,863.58	239.25	301.45	384.85	0.00	0.00	0.00
3,000.00	11.59	51.56	2,961.53	251.74	317.19	404.95	0.00	0.00	0.00
3,100.00	11.59	51.56	3,059.49	264.24	332.93	425.05	0.00	0.00	0.00
3,200.00	11.59	51.56	3,157.45	276.73	348.68	445.15	0.00	0.00	0.00
3,300.00	11.59	51.56	3,255.41	289.22	364.42	465.25	0.00	0.00	0.00
3,400.00	11.59	51.56	3,353.37	301.72	380.16	485.34	0.00	0.00	0.00
3,500.00	11.59	51.56	3,451.33	314.21	395.91	505.44	0.00	0.00	0.00
3,600.00	11.59	51.56	3,549.29	326.71	411.65	525.54	0.00	0.00	0.00
3,700.00	11.59	51.56	3,647.25	339.20	427.39	545.64	0.00	0.00	0.00
3,800.00	11.59	51.56	3,745.21	351.70	443.13	565.74	0.00	0.00	0.00
3,900.00	11.59	51.56	3,843.17	364.19	458.88	585.84	0.00	0.00	0.00
4,000.00	11.59	51.56	3,941.13	376.69	474.62	605.93	0.00	0.00	0.00
4,100.00	11.59	51.56	4,039.09	389.18	490.36	626.03	0.00	0.00	0.00
4,200.00	11.59	51.56	4,137.05	401.67	506.11	646.13	0.00	0.00	0.00
4,300.00	11.59	51.56	4,235.01	414.17	521.85	666.23	0.00	0.00	0.00
4,400.00	11.59	51.56	4,332.97	426.66	537.59	686.33	0.00	0.00	0.00
4,500.00	11.59	51.56	4,430.93	439.16	553.33	706.43	0.00	0.00	0.00
4,600.00	11.59	51.56	4,528.89	451.65	569.08	726.52	0.00	0.00	0.00
4,700.00	11.59	51.56	4,626.85	464.15	584.82	746.62	0.00	0.00	0.00
4,800.00	11.59	51.56	4,724.81	476.64	600.56	766.72	0.00	0.00	0.00
4,900.00	11.59	51.56	4,822.76	489.13	616.30	786.82	0.00	0.00	0.00

Scientific Drilling

Planning Report

Database: EDM 2003.16 Mult User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT
Site: Greater Boundary II N-34-8-17
Well: Ground Boundary II N-34-8-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Ground Boundary II N-34-8-17
TVD Reference: GL 5169' & RKB 12' @ 5181.00ft (NDSI 2)
MD Reference: GL 5169' & RKB 12' @ 5181.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,000.00	11.59	51.56	4,920.72	501.63	632.05	806.92	0.00	0.00	0.00
5,100.00	11.59	51.56	5,018.68	514.12	647.79	827.02	0.00	0.00	0.00
5,200.00	11.59	51.56	5,116.64	526.62	663.53	847.11	0.00	0.00	0.00
5,300.00	11.59	51.56	5,214.60	539.11	679.28	867.21	0.00	0.00	0.00
5,387.18	11.59	51.56	5,300.00	550.00	693.00	884.73	0.00	0.00	0.00
GB II N-34-8-17									
5,400.00	11.59	51.56	5,312.56	551.61	695.02	887.31	0.00	0.00	0.00
5,500.00	11.59	51.56	5,410.52	564.10	710.76	907.41	0.00	0.00	0.00
5,600.00	11.59	51.56	5,508.48	576.60	726.50	927.51	0.00	0.00	0.00
5,700.00	11.59	51.56	5,606.44	589.09	742.25	947.61	0.00	0.00	0.00
5,800.00	11.59	51.56	5,704.40	601.58	757.99	967.70	0.00	0.00	0.00
5,900.00	11.59	51.56	5,802.36	614.08	773.73	987.80	0.00	0.00	0.00
6,000.00	11.59	51.56	5,900.32	626.57	789.48	1,007.90	0.00	0.00	0.00
6,100.00	11.59	51.56	5,998.28	639.07	805.22	1,028.00	0.00	0.00	0.00
6,200.00	11.59	51.56	6,096.24	651.56	820.96	1,048.10	0.00	0.00	0.00
6,300.00	11.59	51.56	6,194.20	664.06	836.70	1,068.20	0.00	0.00	0.00
6,400.00	11.59	51.56	6,292.16	676.55	852.45	1,088.29	0.00	0.00	0.00
6,469.26	11.59	51.56	6,360.00	685.20	863.35	1,102.21	0.00	0.00	0.00

Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
GB II N-34-8-17	0.00	0.00	5,300.00	550.00	693.00	7,199,293.20	2,060,890.42	40° 4' 27.076 N	109° 59' 50.495 W
- hit/miss target									
- Shape									
- plan hits target									
- Circle (radius 75.00)									

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment
600.00	600.00	0.00	0.00	Start Build 1.50
1,372.97	1,367.70	48.45	61.05	Start 11.59° Hold At 1372.97

**NEWFIELD PRODUCTION COMPANY
GREATER BOUNDARY II FEDERAL #N-34-8-17
AT SURFACE: NW/SW SECTION 34, T8S, R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Greater Boundary II Federal #N-34-8-17 located in the NW 1/4 SW 1/4 Section 34, T8S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles ± to the junction of this highway and UT State Hwy 53; proceed southeasterly - 9.8 miles ± to it's junction with an existing dirt road to the east; proceed northeasterly - 1.6 miles ± to it's junction with the beginning of the access road to the existing Federal 12-34-8-17 well loaction.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Federal 12-34-8-17 well pad. See attached Topographic Map "B".

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the Federal 12-34-8-17 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Greater Boundary II Federal N-34-8-17. All permanent surface equipment will be painted Carlsbad Canyon.

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

Johnson Water District
Water Right: 43-10136

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 N-34-8-17 will be drilled off of the existing Federal 12-34-8-17 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

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

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-94, 6/2/04. Paleontological Resource Survey prepared by, Wade E. Miller, 7/9/04. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 830' of disturbed area be granted in Lease UTU-79017 to allow for construction of the proposed surface gas lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line and 30' wide upon completion of the proposed gas lines. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

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) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Mountain Plover: If new construction or surface disturbing activities are scheduled to occur between May 15 and June 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities

will be allowed between May 15 and June 15 within a 0.5 mile radius of any documented mountain plover nest site.

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>	5 lbs/acre
Crested Wheatgrass	<i>Agropyron Cristatum</i>	5 lbs/acre
Gardner Saltbush	<i>Atriplex Gardneri</i>	0.5 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	0.5 lbs/acre
Forage Kochia	<i>Kochia Prostrata</i>	0.25 lbs/acre

Details of the On-Site Inspection

The proposed Greater Boundary II Federal N-34-8-17 was on-sited on 11/20/07. The following were present; Dave Allred (Newfield Production), Michael Cutler (Bureau of Land Management), and Scott Ackerman (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 #N-34-8-17 NW/SW Section 34, Township 8S, Range 17E: Lease UTU-76241 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drillsite 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.

12/11/07
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

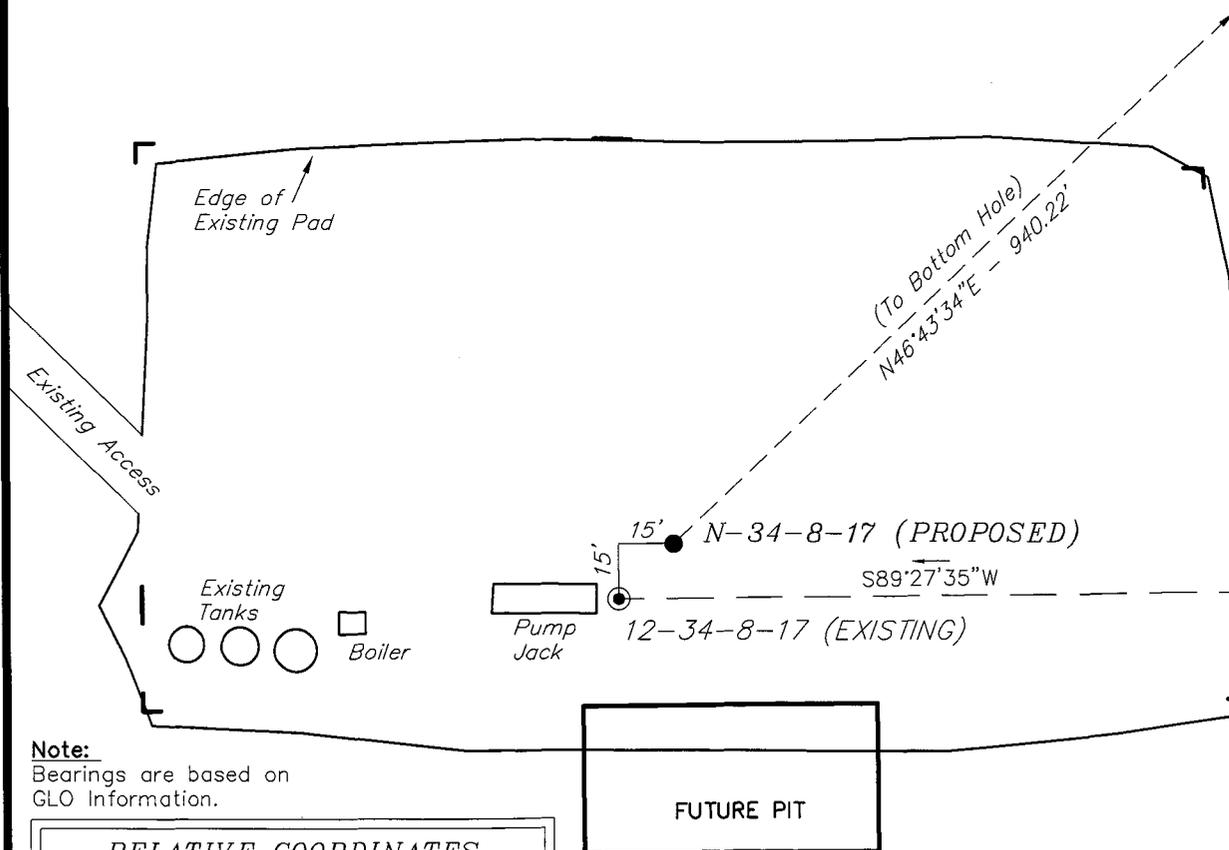
NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

GREATER BOUNDARY II N-34-8-17 (Proposed Well)

GREATER BOUNDARY II 12-34-8-17 (Existing Well)

Pad Location: NWSW Section 34, T8S, R17E, S.L.B.&M.



TOP HOLE FOOTAGES

N-34-8-17 (PROPOSED)
1998' FSL & 637' FWL

BOTTOM HOLE FOOTAGES

N-34-8-17 (PROPOSED)
2643' FSL & 1321' FWL

Note:

Bearings are based on GLO Information.

RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
N-34-8-17	645'	685'

FUTURE PIT

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

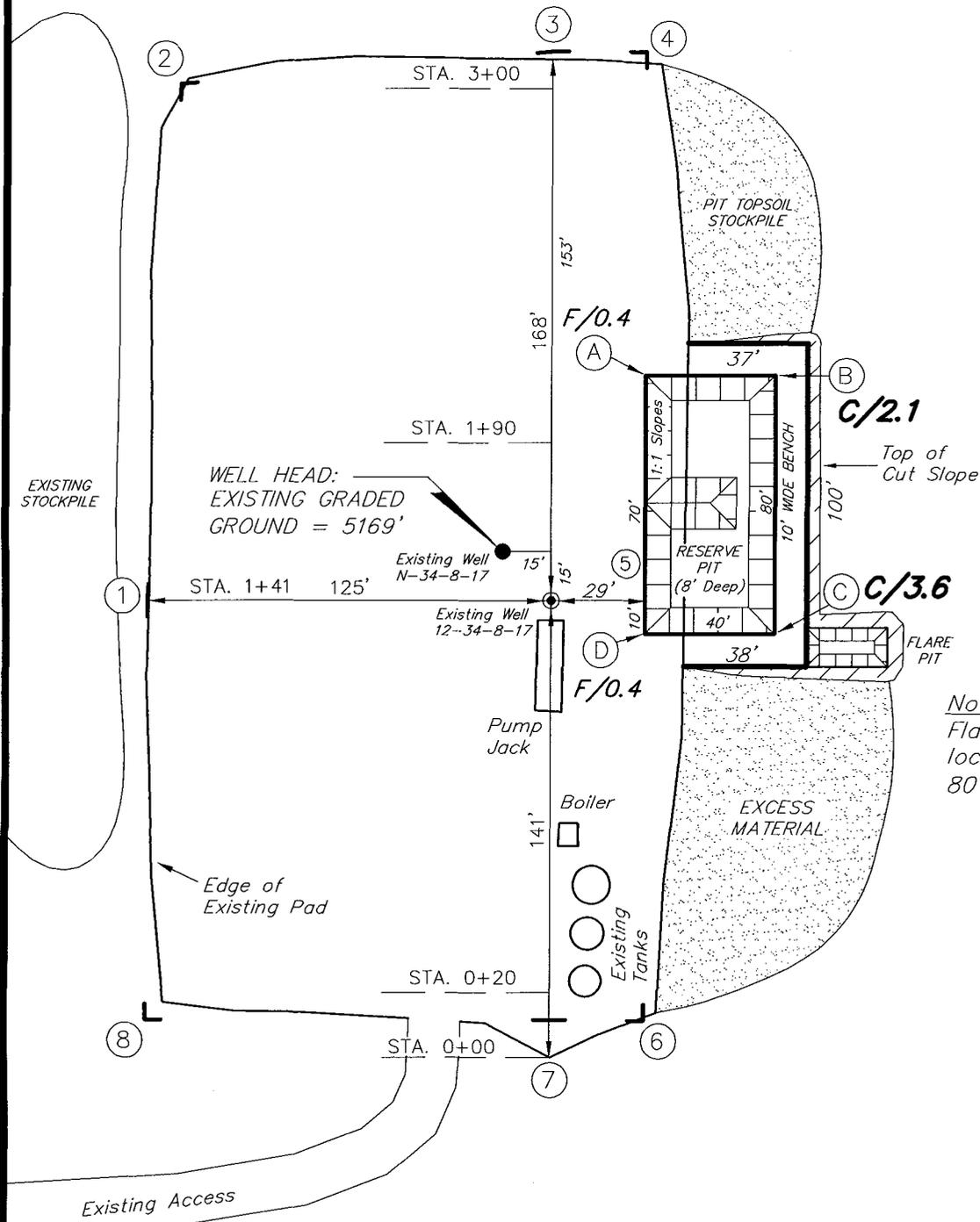
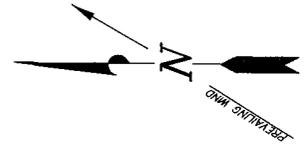
WELL	LATITUDE	LONGITUDE
N-34-8-17	40° 04' 21.64"	109° 59' 59.41"
12-34-8-17	40° 04' 21.49"	109° 59' 59.60"

SURVEYED BY: T.H.	DATE SURVEYED: 09-10-07
DRAWN BY: F.T.M.	DATE DRAWN: 10-04-07
SCALE: 1" = 50'	REVISED:

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

NEWFIELD PRODUCTION COMPANY

GREATER BOUNDARY II N-34-8-17 (Proposed Well)
GREATER BOUNDARY II 12-34-8-17 (Existing Well)
 Pad Location: NWSW Section 34, T8S, R17E, S.L.B.&M.



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

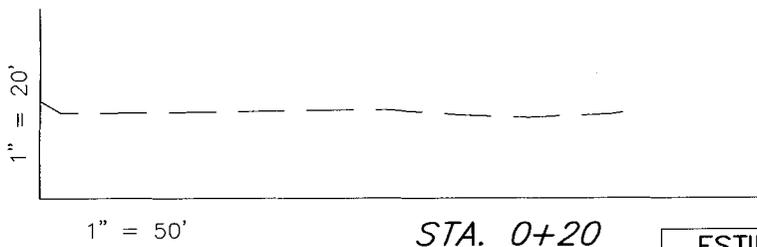
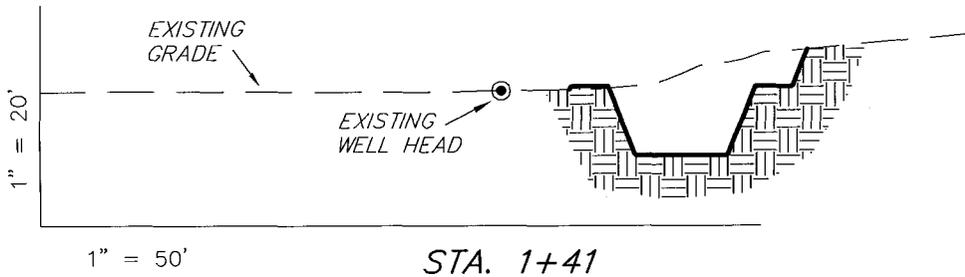
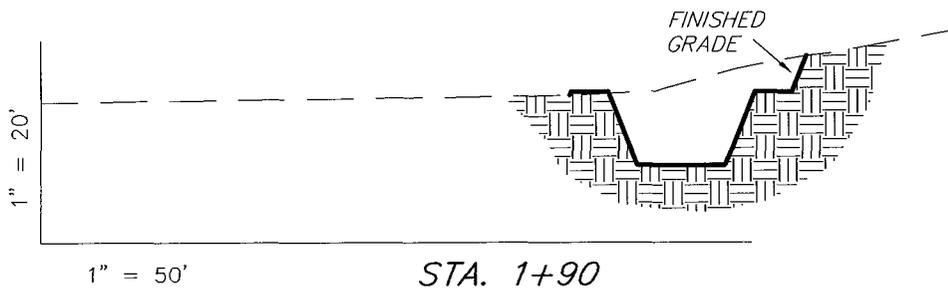
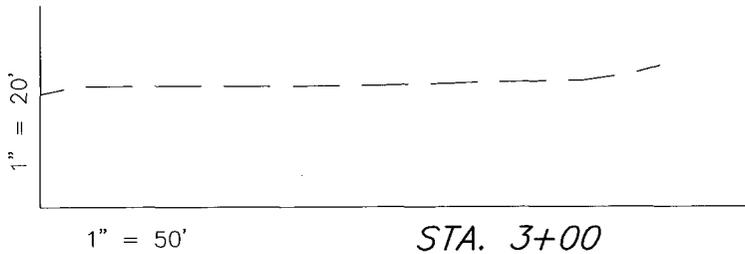
SURVEYED BY: T.H.	DATE SURVEYED: 09-07-07
DRAWN BY: F.T.M.	DATE DRAWN: 10-02-07
SCALE: 1" = 50'	REVISED:

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

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

GREATER BOUNDARY II N-34-8-17 (Proposed Well)
 GREATER BOUNDARY II 12-34-8-17 (Existing Well)



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

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	390	10	Topsoil is not included in Pad Cut	380
PIT	640	0		640
TOTALS	1,030	10	130	1,020

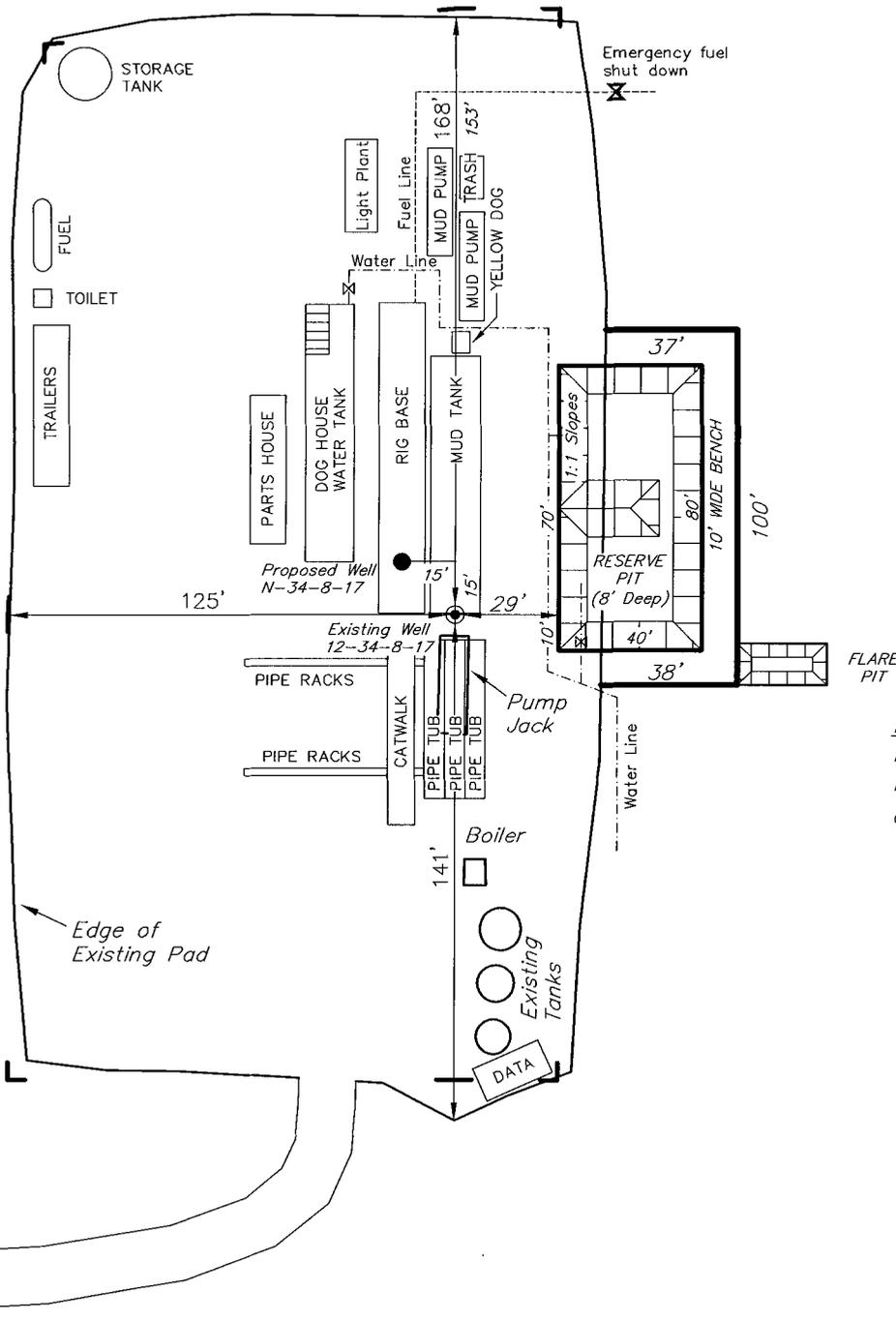
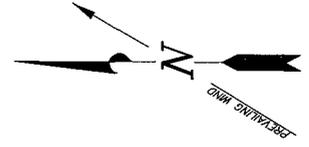
SURVEYED BY: T.H.	DATE SURVEYED: 09-07-07
DRAWN BY: F.T.M.	DATE DRAWN: 10-02-07
SCALE: 1" = 50'	REVISED:

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

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

GREATER BOUNDARY II N-34-8-17 (Proposed Well)
 GREATER BOUNDARY II 12-34-8-17 (Existing Well)



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

SURVEYED BY: T.H.	DATE SURVEYED: 09-07-07
DRAWN BY: F.T.M.	DATE DRAWN: 10-02-07
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

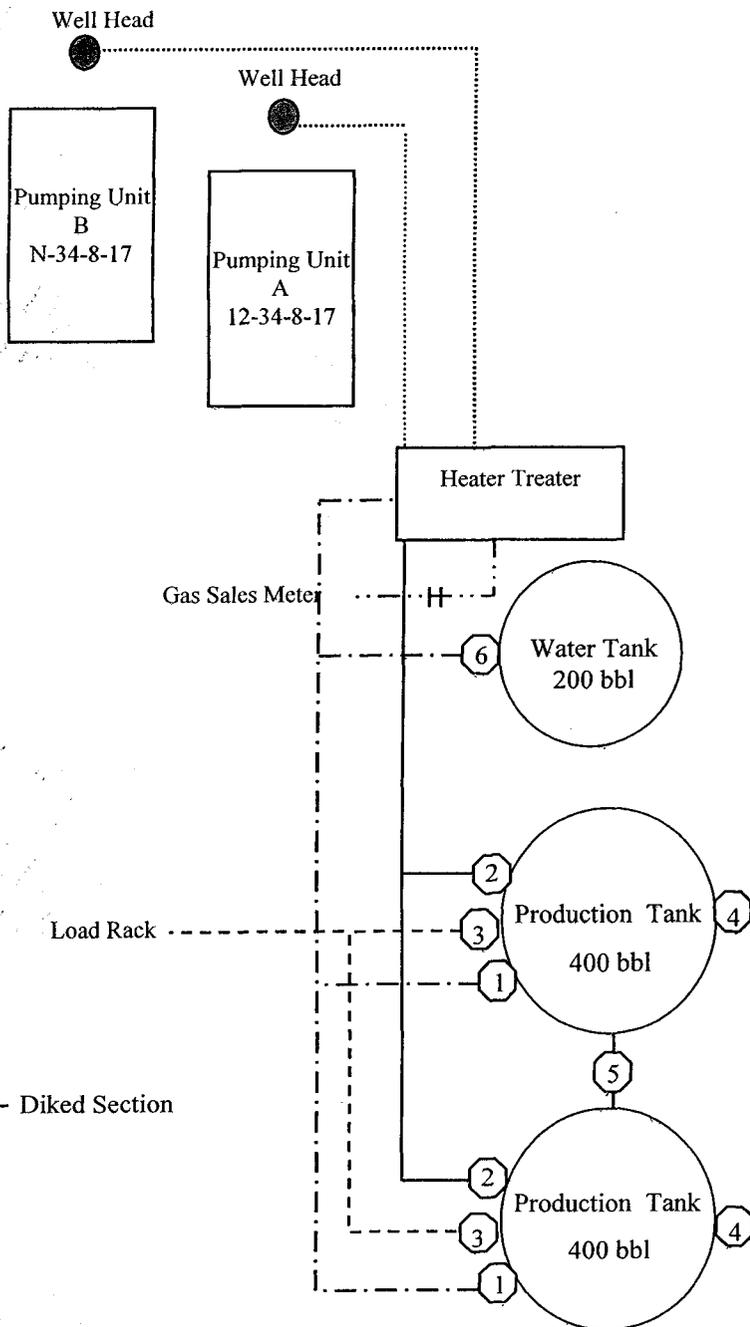
Greater Boundary II Federal N-34-8-17

From the 12-34-8-17 Location

NW/SW Sec. 34 T8S, R17E

Duchesne County, Utah

UTU-76241



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

Production Phase:

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

Sales Phase:

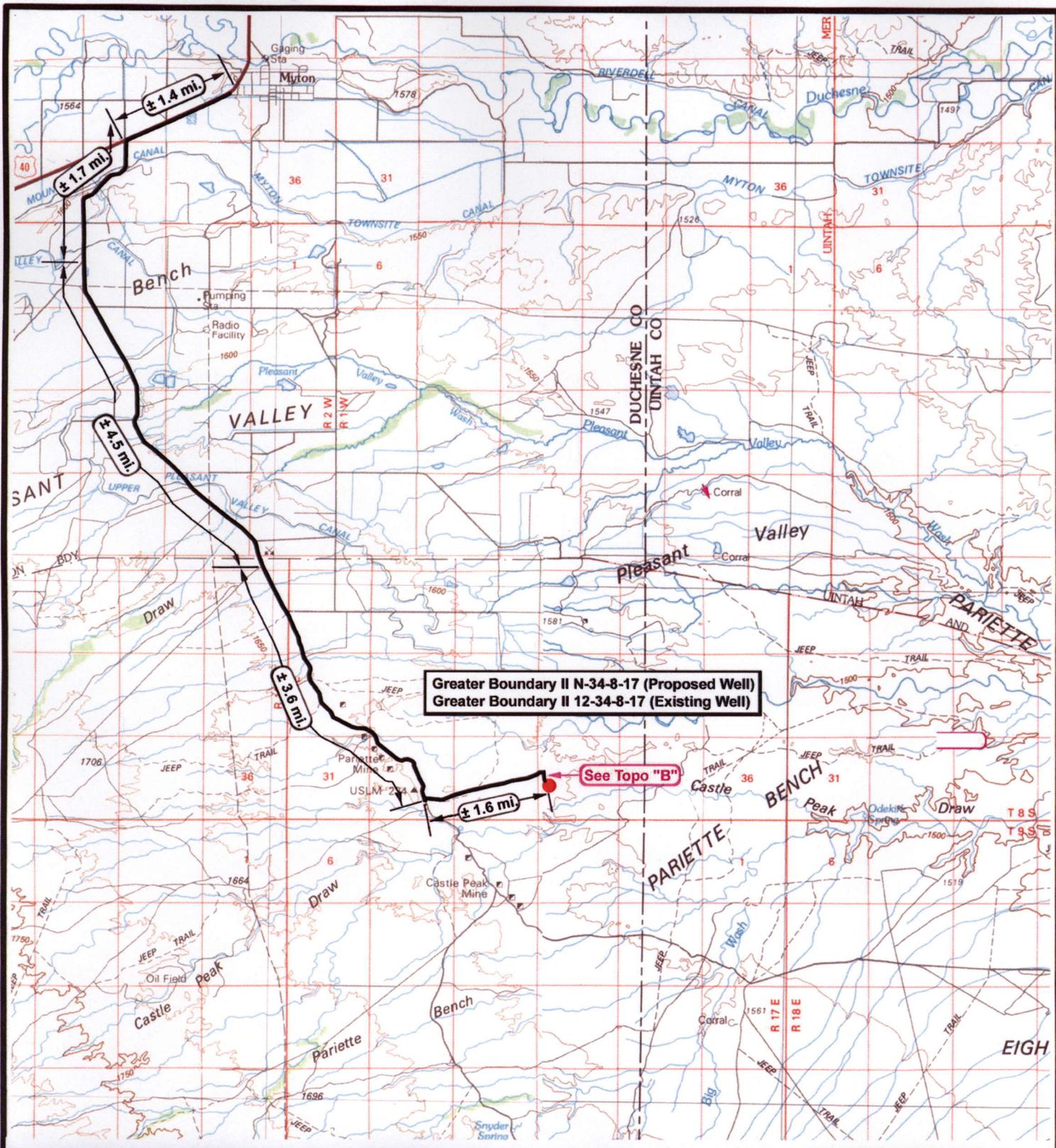
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valves 1 and 6 open

Legend

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



Greater Boundary II N-34-8-17 (Proposed Well)
Greater Boundary II 12-34-8-17 (Existing Well)

See Topo "B"

NEWFIELD
Exploration Company

Greater Boundary II N-34-8-17 (Proposed Well)
Greater Boundary II 12-34-8-17 (Existing Well)
 Pad Location NWSW Sec. 34, T8S, R17E, S.L.B.&M.



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

SCALE: 1 : 100,000
 DRAWN BY: nc
 DATE: 10-12-2007

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP
"A"



Greater Boundary II N-34-8-17 (Proposed Well)
Greater Boundary II 12-34-8-17 (Existing Well)



NEWFIELD
 Exploration Company

Greater Boundary II N-34-8-17 (Proposed Well)
Greater Boundary II 12-34-8-17 (Existing Well)
 Pad Location NWSW Sec. 34, T8S, R17E, S.L.B.&M.



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

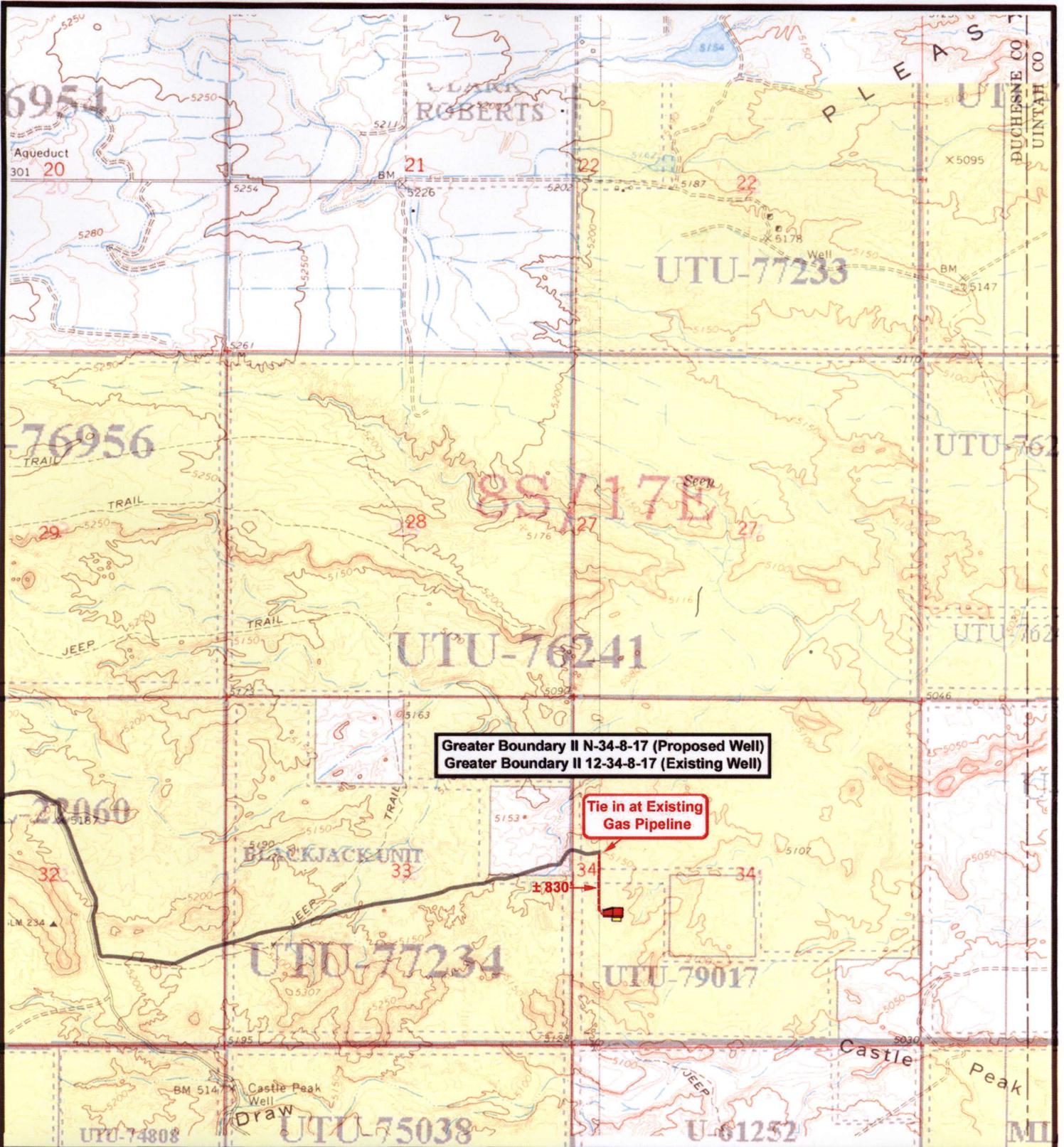
SCALE: 1" = 2000'
 DRAWN BY: nc
 DATE: 10-12-2007

Legend

Existing Road

TOPOGRAPHIC MAP

"B"



Greater Boundary II N-34-8-17 (Proposed Well)
 Greater Boundary II 12-34-8-17 (Existing Well)

Tie in at Existing
 Gas Pipeline

NEWFIELD
 Exploration Company

Greater Boundary II N-34-8-17 (Proposed Well)
Greater Boundary II 12-34-8-17 (Existing Well)
 Pad Location NWSW Sec. 34, T8S, R17E, S.L.B.&M.

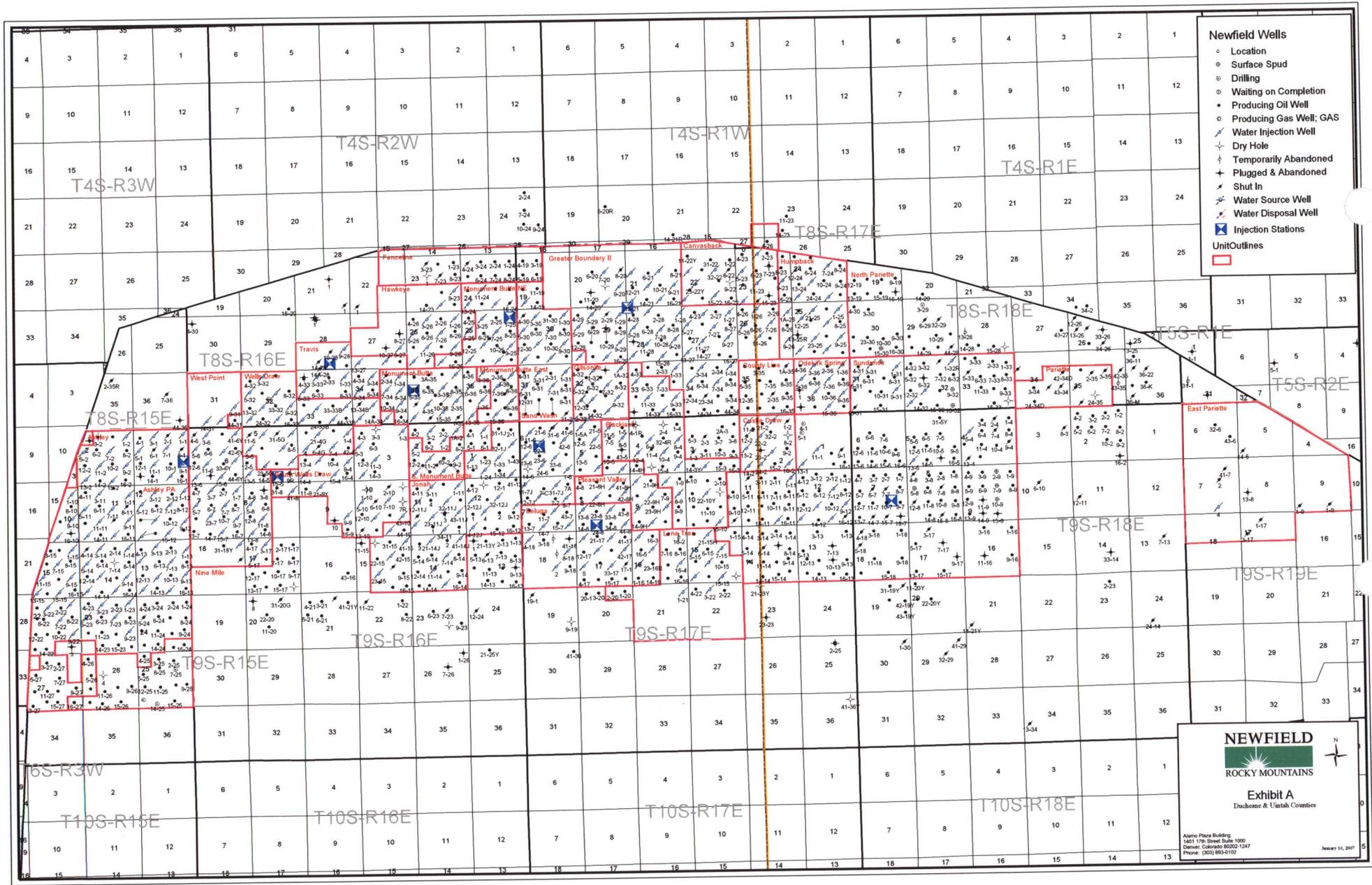
Tri-State
 Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'
 DRAWN BY: nc
 DATE: 10-12-2007

Legend

— Roads
 - - - Proposed Gas Line

TOPOGRAPHIC MAP
"C"



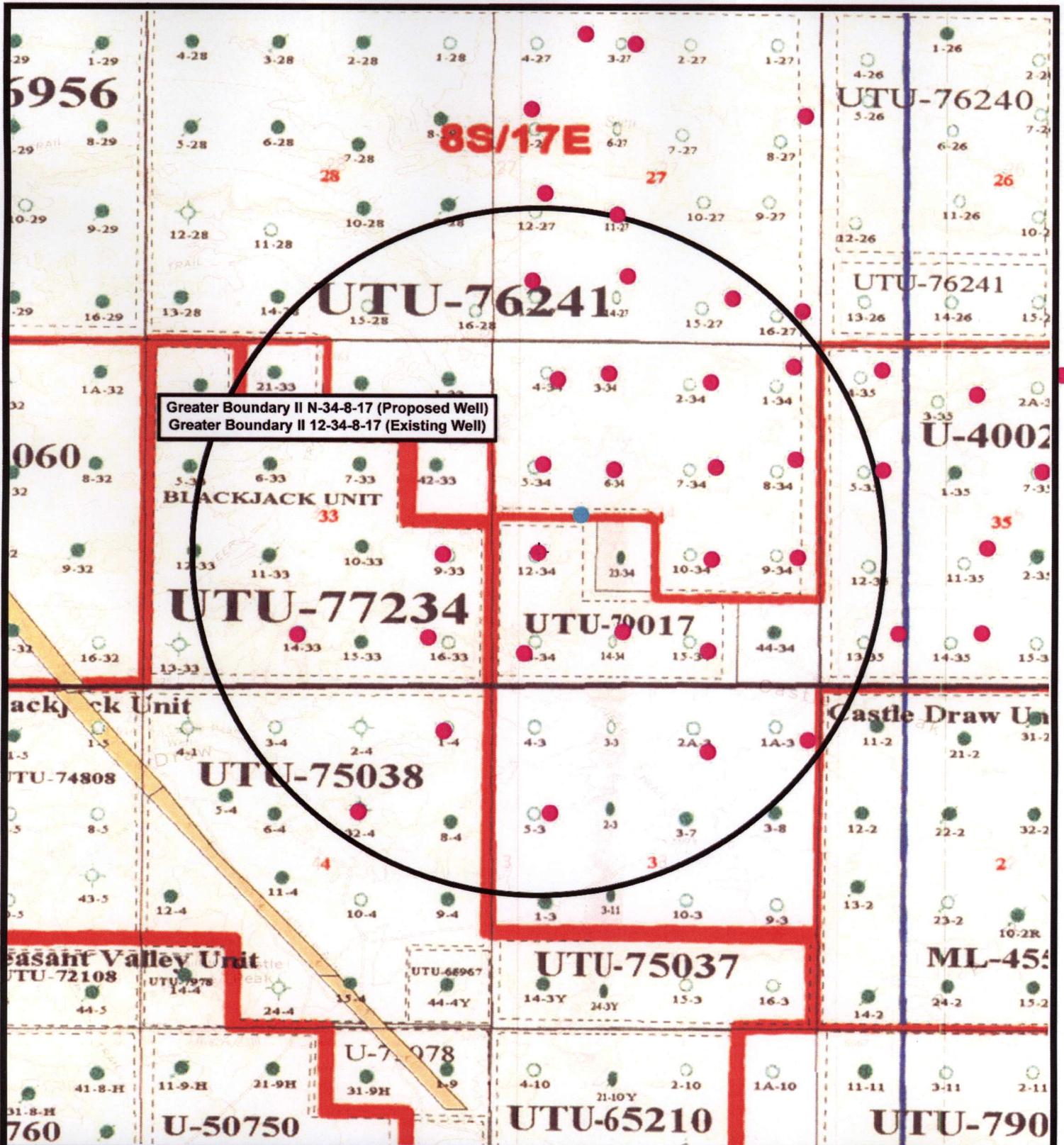
- Newfield Wells**
- Location
 - Surface Spud
 - ⊙ Drilling
 - ⊖ Waiting on Completion
 - ⊕ Producing Oil Well
 - ⊗ Producing Gas Well; GAS
 - ⊘ Water Injection Well
 - ⊙ Dry Hole
 - ⊖ Temporarily Abandoned
 - ⊕ Plugged & Abandoned
 - ⊗ Shut In
 - ⊘ Water Source Well
 - ⊙ Water Disposal Well
 - ⊗ Injection Stations
- Unit Outlines**
-

NEWFIELD
 ROCKY MOUNTAINS

Exhibit A
 Duchesne & Uintah Counties

Alamo Plaza Building
 1401 17th Street Suite 1000
 Denver, Colorado 80202-1247
 Phone: (303) 883-0102

January 10, 2007



Greater Boundary II N-34-8-17 (Proposed Well)
 Greater Boundary II 12-34-8-17 (Existing Well)

NEWFIELD
 Exploration Company

Greater Boundary II N-34-8-17 (Proposed Well)
Greater Boundary II 12-34-8-17 (Existing Well)
 Pad Location: NWSW Sec. 34, T8S, R17E, S.L.B.&M.

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

SCALE: 1" = 2,000'
 DRAWN BY: nlc
 DATE: 10-15-2007

Legend

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

Exhibit "B"

2-M SYSTEM
Blowout Prevention Equipment Systems

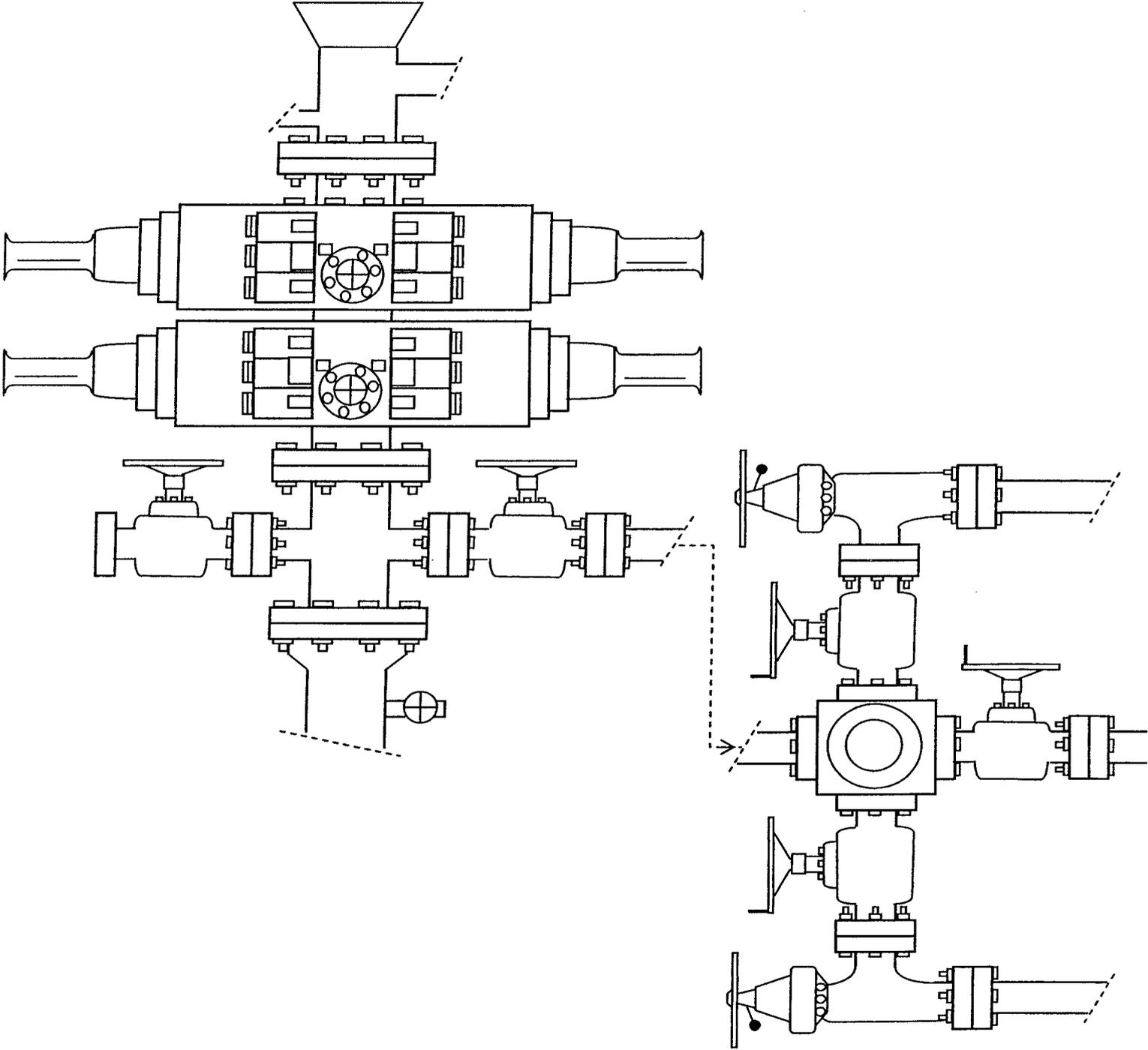


EXHIBIT C

Exhibit "D"

Page 1 of 2

CULTURAL RESOURCE INVENTORY OF INLAND
RESOURCES' SIX BLOCK PARCELS (T8S, R17E, SEC. 20, 33, 34;
T9S R16E S. 15; T9S R17E S. 17, 20; and T9S R18E S. 7)
DUCHESNE AND UINTAH COUNTIES, UTAH

by

Melissa Elkins
and
Keith Montgomery

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Inland Resources
Route 3 Box 3630
Myton, UT 84052

Prepared By:

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

MOAC Report No. 04-94

June 2, 2004

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

State of Utah Antiquities Project (Survey)
Permit No. U-04-MQ-0436b,p

INLAND RESOURCES, INC.

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

Section 34, T 8 S, R 17 E (NW/SW, SW/SW, SE/SW, SW/SE);
Section 20, T 8 S, R 17 E (NW/SE); Section 17, T 9 S, R 17 E
(SE/SW, SW/SE, SE/SE); Section 20, T 9 S, R 17 E (NE/NE, NE/NW);
Section 8, T 9 S, R 18 E (excluding NW/NW, SW/NE, NE/SW, NW/SW, SW/SE)

REPORT OF SURVEY

Prepared for:

Inland Resources, Inc.

Prepared by:

Wade E. Miller
Consulting Paleontologist
July 9, 2004

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 01/14/2008

API NO. ASSIGNED: 43-013-33876

WELL NAME: GB II FED N-34-8-17
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:
 NWSW 34 080S 170E
 SURFACE: 1998 FSL 0637 FWL
 BOTTOM: 2643 FSL 1321 FWL
 COUNTY: DUCHESNE
 LATITUDE: 40.07273 LONGITUDE: -109.9991
 UTM SURF EASTINGS: 585349 NORTHINGS: 4436100
 FIELD NAME: MONUMENT BUTTE (105)

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

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

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

Plat

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

Potash (Y/N)

Oil Shale 190-5 (B) or 190-3 or 190-13

Water Permit
 (No. 43-10136)

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

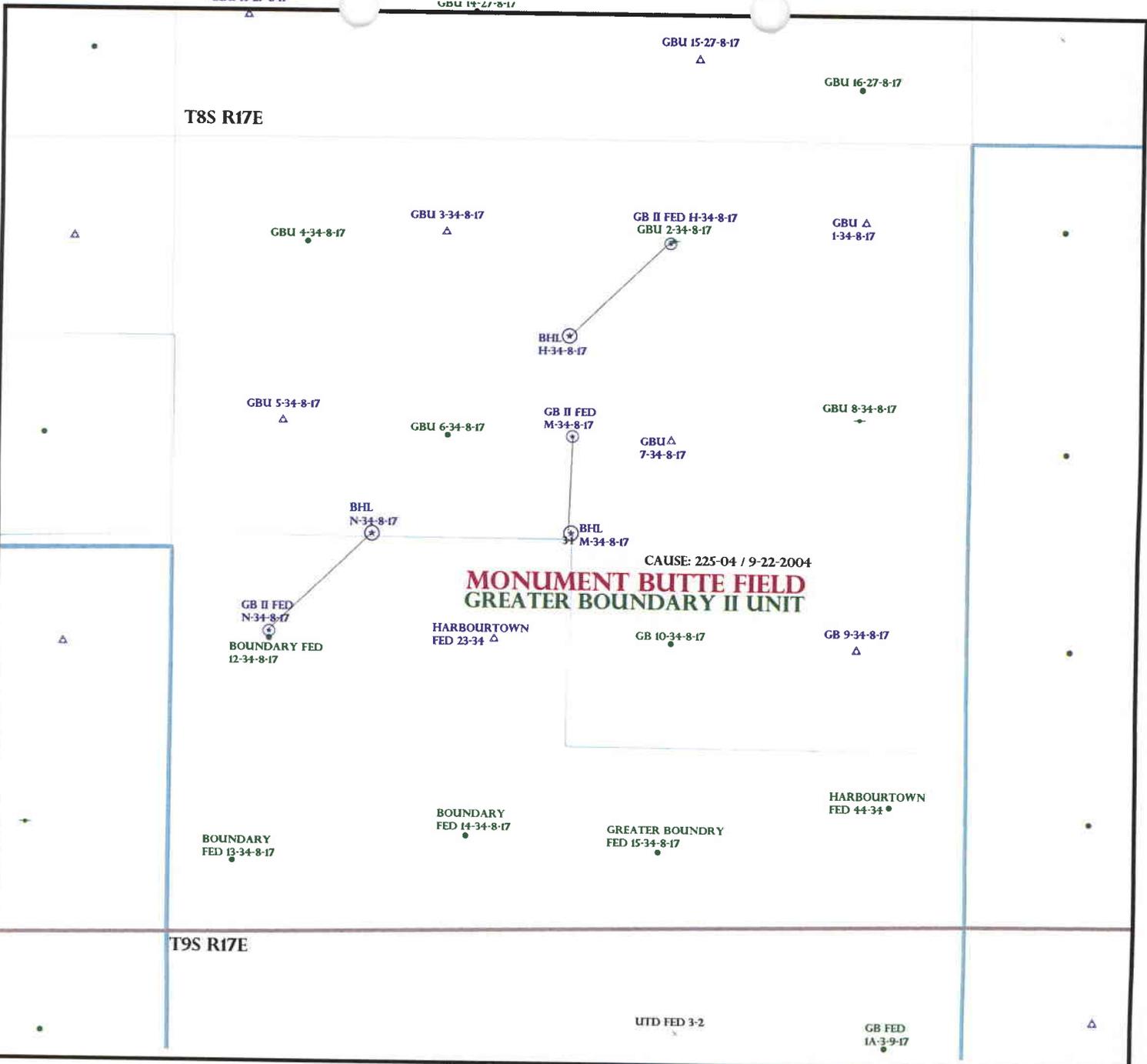
 R649-3-3. Exception

Drilling Unit
 Board Cause No: 225-04
 Eff Date: 9-22-04
 Siting: Suwend's Jan 11 2004

R649-3-11. Directional Drill

COMMENTS: See Separate File

STIPULATIONS: 1- Federal Approval



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 34 T.8S R.17E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 225-04 / 9-22-2004

- Field Status**
- ABANDONED
 - ACTIVE
 - COMBINED
 - INACTIVE
 - PROPOSED
 - STORAGE
 - TERMINATED

- Unit Status**
- EXPLORATORY
 - GAS STORAGE
 - NF PP OIL
 - NF SECONDARY
 - PENDING
 - PI OIL
 - PP GAS
 - PP GEOTHERML
 - PP OIL
 - SECONDARY
 - TERMINATED

Wells Status

- ⊗ GAS INJECTION
- ⊗ GAS STORAGE
- ⊗ LOCATION ABANDONED
- ⊗ NEW LOCATION
- ⊗ PLUGGED & ABANDONED
- ⊗ PRODUCING GAS
- ⊗ PRODUCING OIL
- ⊗ SHUT-IN GAS
- ⊗ SHUT-IN OIL
- ⊗ TEMP. ABANDONED
- ⊗ TEST WELL
- ⊗ WATER INJECTION
- ⊗ WATER SUPPLY
- ⊗ WATER DISPOSAL
- ⊗ DRILLING



PREPARED BY: DIANA MASON
DATE: 17-JANUARY-2008

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)

January 18, 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)		
43-013-33876	GB II Fed N-34-8-17	Sec 34 T08S R17E 1998 FSL 0637 FWL BHL Sec 34 T08S R17E 2643 FSL 1321 FWL
43-013-33874	GB II Fed H-34-8-17	Sec 34 T08S R17E 0692 FNL 1975 FEL BHL Sec 34 T08S R17E 1317 FNL 2643 FEL
43-013-33875	GB II Fed M-34-8-17	Sec 34 T08S R17E 1993 FNL 1854 FWL BHL Sec 34 T08S R17E 2635 FNL 2643 FWL

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

MCoulthard:mc:1-18-08



January 25, 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 N-34-8-17
Greater Boundary II Unit
UTU-77098X
Surface Hole: T8S R16E, Section 34: NW/4SW/4
1998' FSL 637' FWL
Bottom Hole: T8S R16E, Section 34:
2643' FSL 1321' FWL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated December 11, 2007, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

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

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

Roxann Eveland
Land Associate

RECEIVED
JAN 31 2008
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

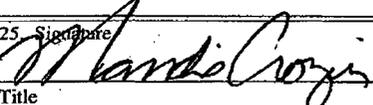
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No. UTU-76241	
6. If Indian, Allottee or Tribe Name N/A	
7. If Unit or CA Agreement, Name and No. Greater Boundary II Unit	
8. Lease Name and Well No. Greater Boundary II Federal N-34-8-17	
9. API Well No.	
1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	10. Field and Pool, or Exploratory Monument Butte
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone	11. Sec., T., R., M., or Blk. and Survey or Area Sec. 34, T8S R17E
2. Name of Operator Newfield Production Company	
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/4SW 1998' FSL 637' FWL At proposed prod. zone 2643' FSL 1321' FWL	
14. Distance in miles and direction from nearest town or post office* Approximatley 12.8 miles southeast of Myton, Utah	
12. County or Parish Duchesne	
13. State UT	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 3' f/lse, 3' f/unit	16. No. of Acres in lease 1880.00
17. Spacing Unit dedicated to this well 20 Acres	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1335'	19. Proposed Depth 6360'
20. BLM/BIA Bond No. on file WYB000493	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5169' GL	22. Approximate date work will start* 1st 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 12/11/07
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.

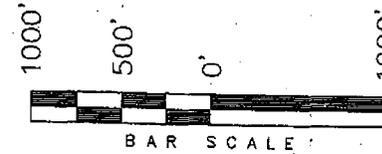
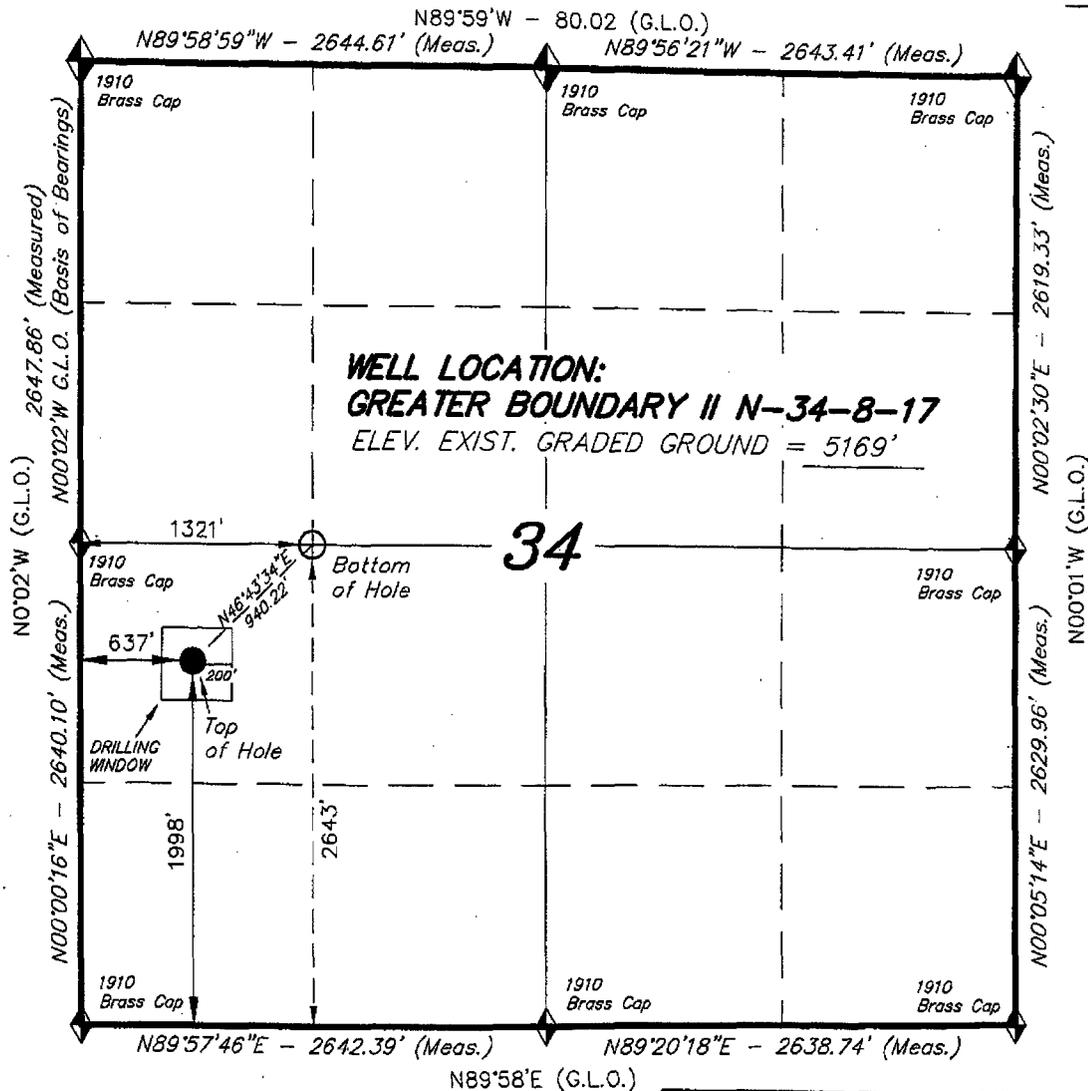
*(Instructions on reverse)

RECEIVED
JAN 31 2008
DIV OF OIL, GAS & MINING

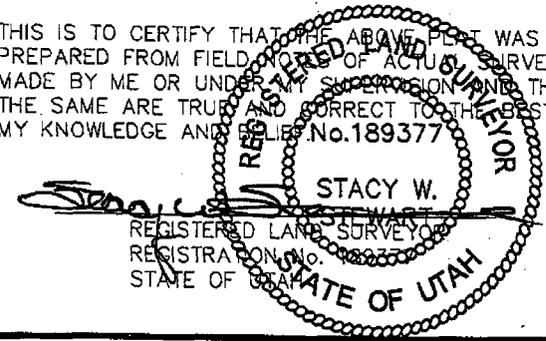
T8S, R17E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, GREATER BOUNDARY II
N-34-8-17, LOCATED AS SHOWN IN THE
NW 1/4 SW 1/4 OF SECTION 34, T8S,
R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



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



◆ = SECTION CORNERS LOCATED

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

GREATER BOUNDARY II N-34-8-17
(Surface Location) NAD 83
LATITUDE = 40° 04' 21.64"
LONGITUDE = 109° 59' 59.41"

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

DATE SURVEYED: 09-10-07	SURVEYED BY: T.H.
DATE DRAWN: 10-04-07	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

Roxann Eveland

Greater Boundary II Federal N-34-8-17

From: Mandie Crozier
Sent: Friday, January 11, 2008 9:59 AM
To: Roxann Eveland
Subject: Directional Drill Letters
Attachments: 0461_001.tif; 0460_001.tif

Here is a big batch on new 20 acre APD's that need Directional Drill Letters.

Thanks!

Mandie Crozier

Newfield Production
Phone: (435)646-4825
Fax: (435) 646-3031

1/25/2008



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

January 31, 2008

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

Re: Greater Boundary II Federal N-34-8-17 Well, Surface Location 1998' FSL, 637' FWL, NW SW, Sec. 34, T. 8 South, R. 17 East, Bottom Location 2643' FSL, 1321' FWL, NW SW, Sec. 34, T. 8 South, R. 17 East, Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33876.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Newfield Production Company
Well Name & Number Greater Boundary II Federal N-34-8-17
API Number: 43-013-33876
Lease: UTU-76241

Surface Location: NW SW Sec. 34 T. 8 South R. 17 East
Bottom Location: NW SW Sec. 34 T. 8 South R. 17 East

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

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

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

3. Reporting Requirements

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

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

NEWFIELD



Route #3 Box 3630
Myton, Utah 84052
(435) 646-4825, FAX: (435) 646-3031

April 4, 2008

Bureau of Land Management
Attn: Phyllis Phillips
170 South 500 East
Vernal, Utah 84078-2799

RE: Notice of APD Deficiencies.
See Attachments

Dear Phyllis:

Enclosed find the correct plats (in triplicate) as per your request. Also included is the top form page for all of the APD's with the amended downhole footages. These footages should match what was submitted on the proposed directional drill plans. Everything else in the APD's will remain the same. If you have any questions, feel free to give either Dave Allred or myself a call.

Sincerely,


Mandie Crozier
Regulatory Specialist

mc
enclosures

cc: State of Utah
Division of Oil, Gas & Mining

RECEIVED
APR 07 2008
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-76241
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. 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 N-34-8-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33876
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NW/SW 1998' FSL 637' FWL At proposed prod. zone 2544' FSL 1330' FWL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 12.8 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 34, T8S R17E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 10' f/lse, 1330' f/unit	16. No. of Acres in lease 1880.00	12. County or Parish Duchesne
17. Spacing Unit dedicated to this well 20 Acres	13. State UT	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1335'	19. Proposed Depth 6360'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5169' GL	22. Approximate date work will start* 1st Quarter 2008	23. Estimated duration Approximately seven (7) days from apud 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:

- | | |
|--|---|
| <ul 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). | <ul 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 4/2/08
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 reports, or to furnish any false, fictitious or fraudulent information, as to any matter within its jurisdiction.

*(Instructions on reverse)

Date: 4.14.2008
Initials: KS

Approved by the
Utah Division of
Oil, Gas and Mining

RECEIVED
APR 07 2008
DIV. OF OIL, GAS & MINING

new BHC
585558X
44362694
40.074237
-109.996622

Date: 04-09-08
By:

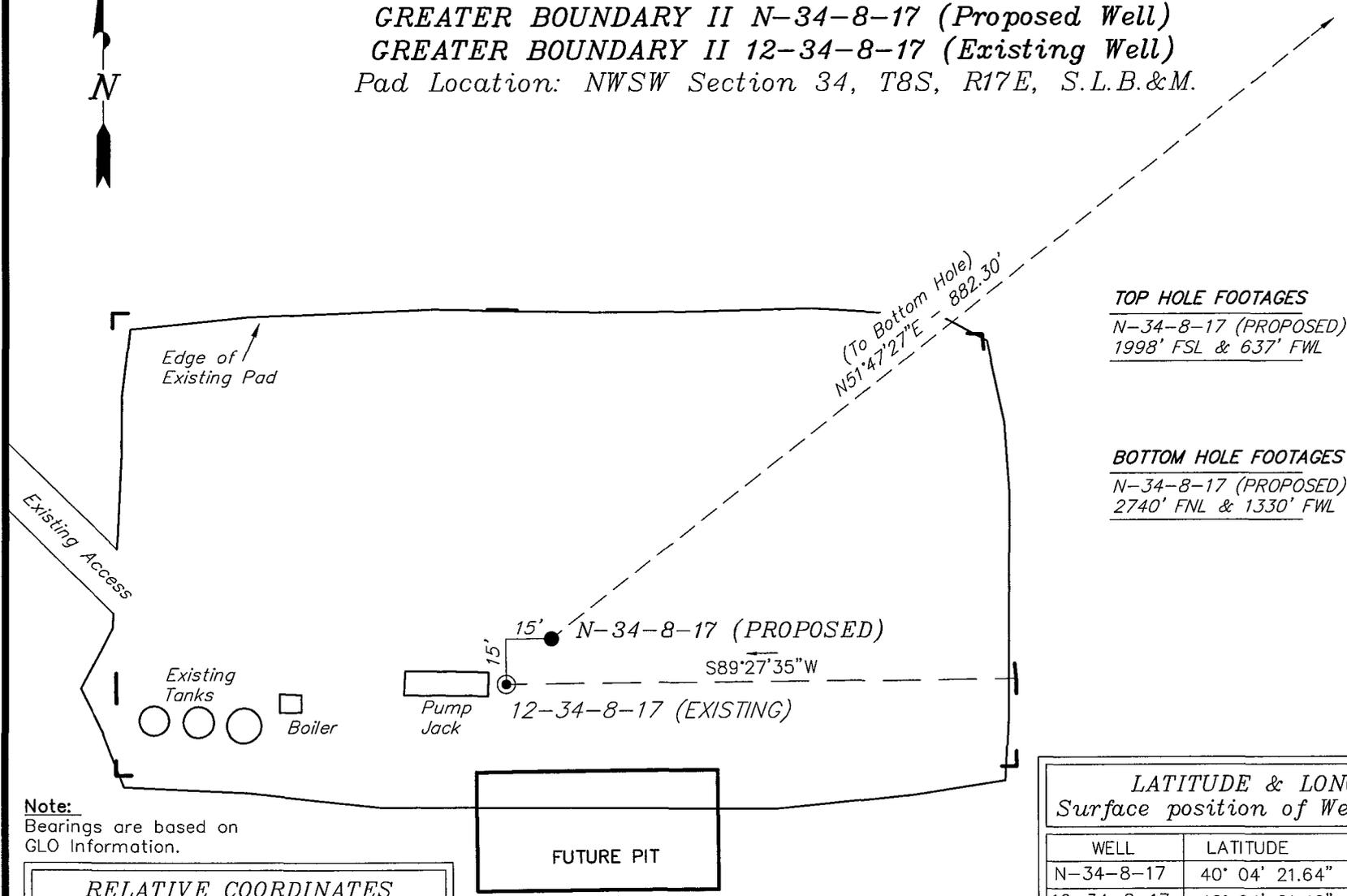
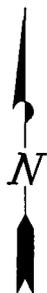
NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

GREATER BOUNDARY II N-34-8-17 (Proposed Well)

GREATER BOUNDARY II 12-34-8-17 (Existing Well)

Pad Location: NWSW Section 34, T8S, R17E, S.L.B.&M.



TOP HOLE FOOTAGES

N-34-8-17 (PROPOSED)
1998' FSL & 637' FWL

BOTTOM HOLE FOOTAGES

N-34-8-17 (PROPOSED)
2740' FNL & 1330' FWL

Note:
Bearings are based on
GLO Information.

RELATIVE COORDINATES From top hole to bottom hole		
WELL	NORTH	EAST
N-34-8-17	547'	693'

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)		
WELL	LATITUDE	LONGITUDE
N-34-8-17	40° 04' 21.64"	109° 59' 59.41"
12-34-8-17	40° 04' 21.49"	109° 59' 59.60"

SURVEYED BY: T.H.	DATE SURVEYED: 09-10-07
DRAWN BY: F.T.M.	DATE DRAWN: 10-04-07
SCALE: 1" = 50'	REVISED: L.C.S. 01-28-08

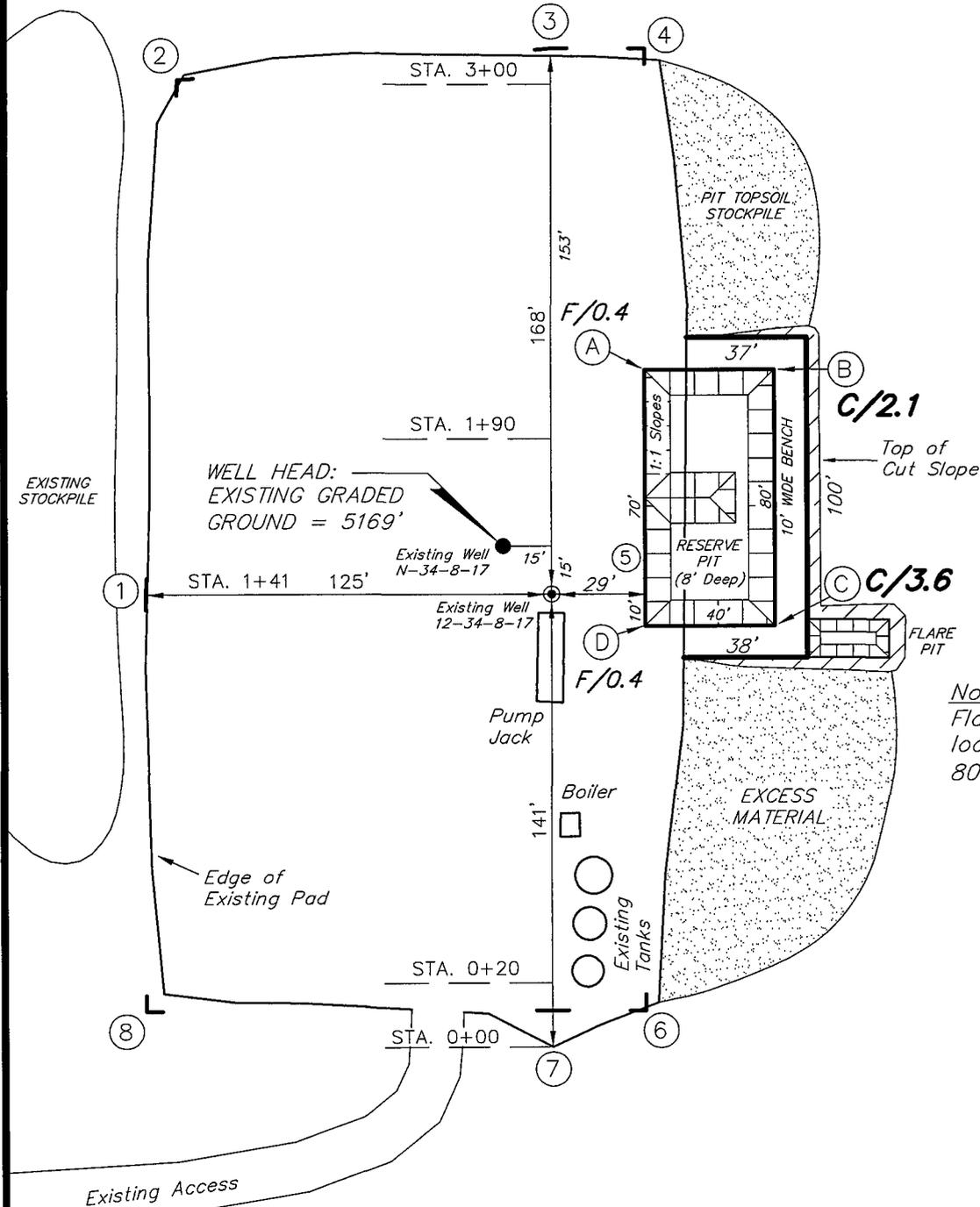
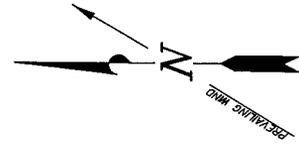
Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

GREATER BOUNDARY II N-34-8-17 (Proposed Well)

GREATER BOUNDARY II 12-34-8-17 (Existing Well)

Pad Location: NWSW Section 34, T8S, R17E, S.L.B.&M.



SURVEYED BY: T.H.	DATE SURVEYED: 09-07-07
DRAWN BY: F.T.M.	DATE DRAWN: 10-02-07
SCALE: 1" = 50'	REVISED:

(435) 781-2501

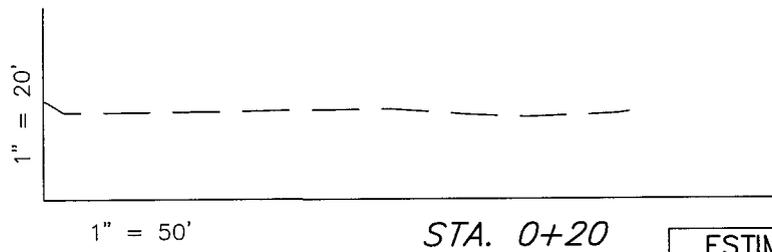
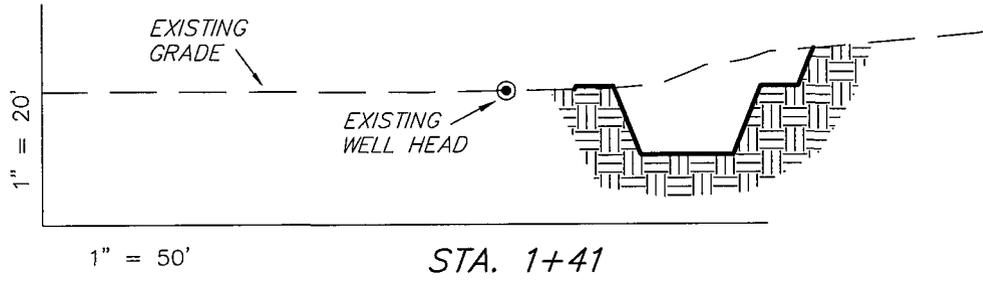
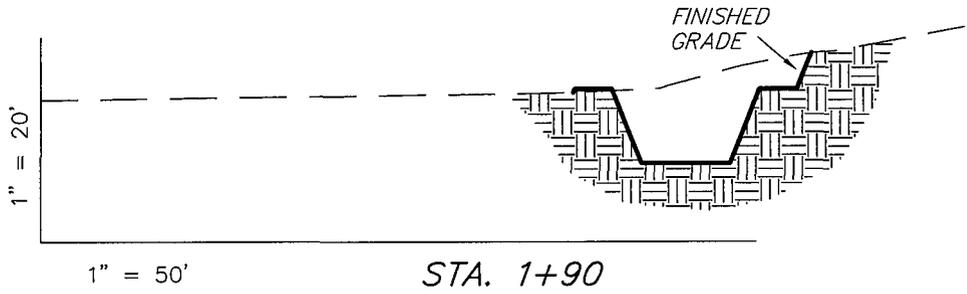
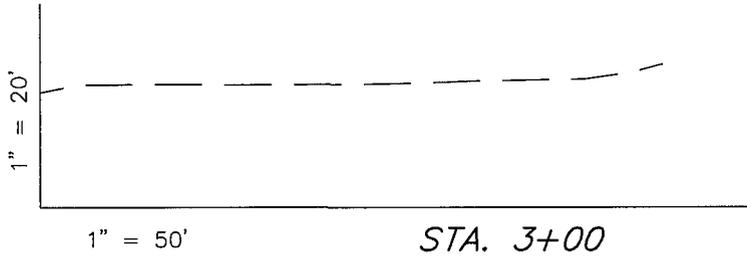
Tri State
Land Surveying, Inc.

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

GREATER BOUNDARY II N-34-8-17 (Proposed Well)
GREATER BOUNDARY II 12-34-8-17 (Existing Well)



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

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	390	10	Topsoil is not included in Pad Cut	380
PIT	640	0		640
TOTALS	1,030	10	130	1,020

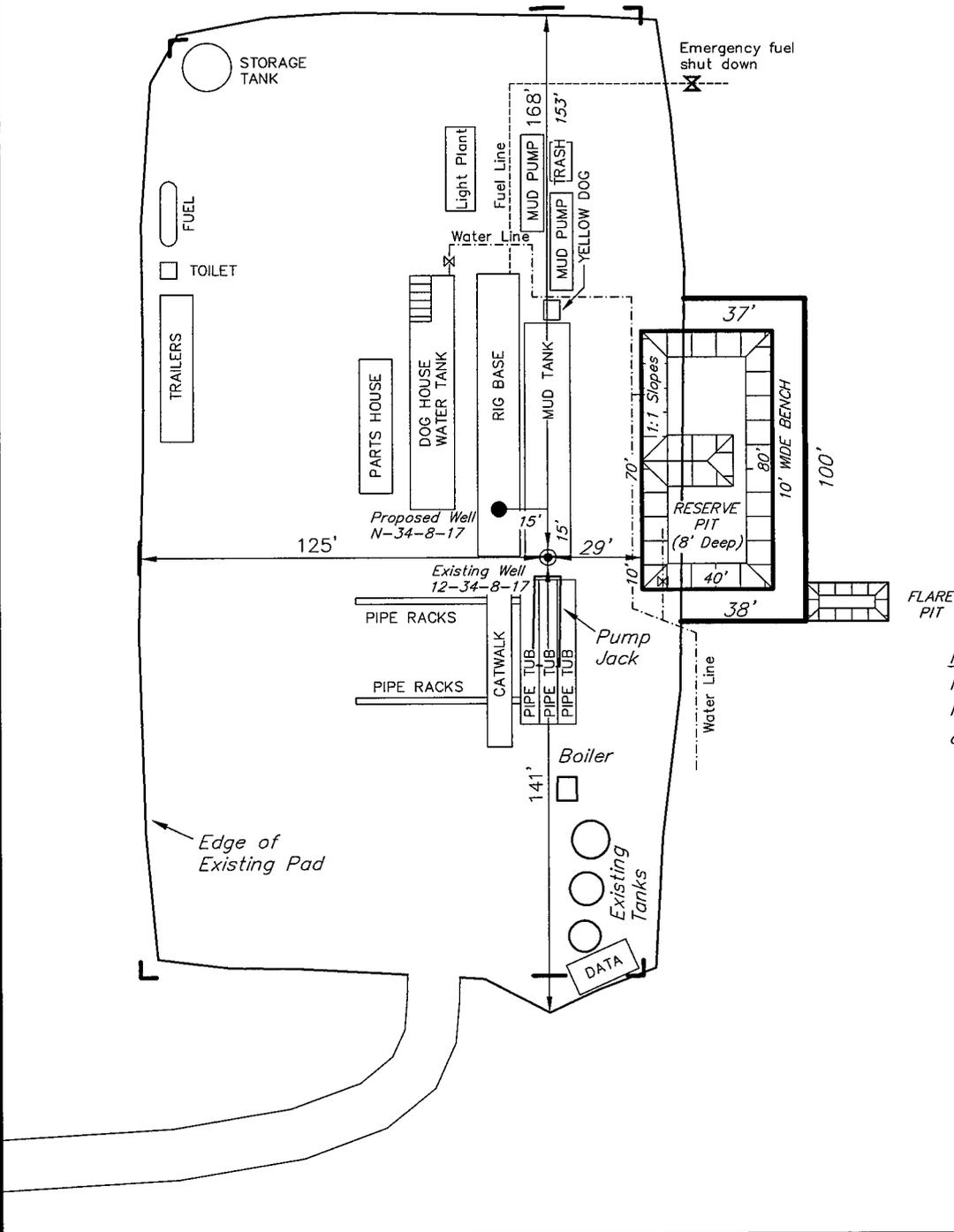
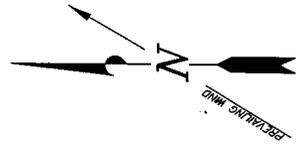
SURVEYED BY: T.H.	DATE SURVEYED: 09-07-07
DRAWN BY: F.T.M.	DATE DRAWN: 10-02-07
SCALE: 1" = 50'	REVISED:

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

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

GREATER BOUNDARY II N-34-8-17 (Proposed Well)
 GREATER BOUNDARY II 12-34-8-17 (Existing Well)



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

SURVEYED BY: T.H.	DATE SURVEYED: 09-07-07
DRAWN BY: F.T.M.	DATE DRAWN: 10-02-07
SCALE: 1" = 50'	REVISED:

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

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JAN 15 2008

RECEIVED

APR 07 2007

BLM

Form 3160-3
(September 2001)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-76241
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. 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 N-34-8-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43 013 33876
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SW 1998' FSL 637' FWL At proposed prod. zone 2544' FSL 1330' FWL <i>NESW</i>		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 12.8 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 34, T8S R17E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 10' f/lse, 1330' f/unit	16. No. of Acres in lease 1880.00	17. Spacing Unit dedicated to this well 20 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1335'	19. Proposed Depth 6360'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5169' GL	22. Approximate date work will start* 1st 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 <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 4/2/08
Title Regulatory Specialist		
Approved by (Signature) <i>Jerry Kavan</i>	Name (Printed/Typed) Jerry Kavan	Date DEC 10 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)

UDOGM

NOTICE OF APPROVAL

RECEIVED

DEC 15 2008

DIV. OF OIL, GAS & MINING

08PP 0209A
NOS 11/9/07



**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:** NWSW, Sec. 34, T8S, R17E(S)
Well No: Greater Boundary II Fed N-34-8-17 **Lease No:** UTU-76241
API No: 43-013-33876 **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:

1. The proposed area contains Mountain Plover habitat. No construction, drilling, or fracing operations within known **Mountain Plover habitat from May 1 - June 15.**

Comments:

No new habitat for Pronghorn will be impacted. Oil field activity in area is fairly high.

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.
- **No surface disturbance outside of APD proposal is authorized. If other disturbance is necessary, authorization will be proposed in a sundry notice (Form 3160-5) to BLM Authorized Officer. *Sclerocactus brevispinus* surveys are required prior to new surface disturbing activities including pipelines (surface and buried).**
- 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.

- Reclamation:

Interim seed mix:

Bottlebrush Squirreltail grass	<i>Elymus elymoides</i>	5 lbs/acre
Hy-crest Crested Wheatgrass	<i>Agropyron cristatum</i>	5 lbs/acre
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.5 lbs/acre
Gardner's saltbush	<i>Atriplex gardneri</i>	0.5 lbs/acre
Forage Kochia	<i>Kochia prostrata</i>	0.25 lbs/acre

Final reclamation seed mix:

Bottlebrush Squirreltail grass	<i>Elymus elymoides</i>	5 lbs/acre
Hy-crest Crested Wheatgrass	<i>Agropyron cristatum</i>	5 lbs/acre
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.5 lbs/acre
Gardner's saltbush	<i>Atriplex gardneri</i>	0.5 lbs/acre
Forage Kochia	<i>Kochia prostrata</i>	0.25 lbs/acre

- All pounds are in pure live seed.
 - All seed and mulch will be certified weed free.
 - Drill seeding is the preferred method.
 - Rates are set for drill seeding; double the rate if broadcasting.
 - If broadcasting seed: The seed will be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain.
 - Reseeding may be required if initial seeding is not successful.
- 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 should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- 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 (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-76241

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

GREATER BOUNDARY II

8. Well Name and No.

GRTR BOUND. II FED. N-34-8-17

9. API Well No.

43-013-33876

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

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

1998 FSL 637 FWL NW/SW Section 34, T8S R17E

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other **Permit Extension**
 Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

COPY SENT TO OPERATOR

Newfield Production Company requests to extend the Permit to Drill this well for one year.

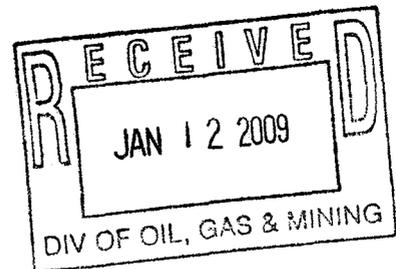
Date: 1-13-2009

Initials: KS

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 01-12-09

By: [Signature]



14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Regulatory Specialist Date 1/9/2009
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM



**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-33876
Well Name: Greater Boundary II Federal N-34-8-17
Location: NW/SW Section 34, T8S R17E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 1/31/2008

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

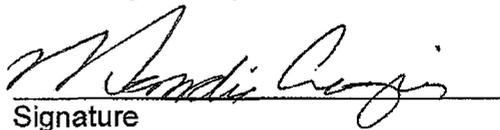
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

Have there been any changes to the access route including ownership, or right-of-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


Signature

1/5/2009
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76241
---	--

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

1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: GB II FED N-34-8-17
------------------------------------	--

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013338760000
--	---

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
--	--	--

4. LOCATION OF WELL FOOTAGES AT SURFACE: 1998 FSL 0637 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 34 Township: 08.0S Range: 17.0E Meridian: S	COUNTY: DUCHESNE STATE: UTAH
---	---

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 1/11/2010 <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 proposes to extend the permit to drill this well for one year.

Approved by the Utah Division of Oil, Gas and Mining

Date: January 11, 2010

By:

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A		DATE 1/11/2010



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 43013338760000

API: 43013338760000

Well Name: GB II FED N-34-8-17

Location: 1998 FSL 0637 FWL QTR NWSW SEC 34 TWNP 080S RNG 170E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 1/31/2008

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: 1/11/2010

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY

Date: January 11, 2010

By:

[Handwritten signature]

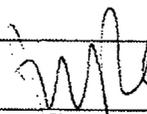
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	17400 ✓	4301333876	GREATER BOUNARY II FED N34-8-17	NWSW	34	8S	17E	DUCHESNE	5/3/2010	5/18/10
WELL 1 COMMENTS: GRRV BHL = NWSW											
A	99999	17609	4301350207	WILKEN 15-24-4-2W	SWSE	24	4S	2W	DUCHESNE	4/26/2010	5/18/10
GRRV											
A	99999	17610	4304740583	UTE TRIBAL 14-6-5-2E	SESW	6	5S	2E	UINTAH	5/7/2010	5/18/10
GRRV											
A	99999	17590	4304751062	UTE TRIBAL 6A-29-4-1	SWNW	29	4S	1E	UINTAH	5/1/2010	7/15/10
GRRV rigskid from 4304740497											
B	99999	17400 ✓	4304740163	PARIETTE FEDERAL R-34-8-18	NESW	34	8S	18E	UINTAH	4/27/2010	5/18/10
WELL 5 COMMENTS: GRRV BHL = NESW											
A	99999	17611	4304740582	UTE TRIBAL 10-6-5-2E	NWSE	6	5S	2E	UINTAH	5/5/2010	5/18/10
WELL 5 COMMENTS: GRRV											

ACTION CODES (See instructions on back of form)

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

RECEIVED
 MAY 10 2010

DIV. OF OIL, GAS & MINING


 Signature Jentri Park
 Production Clerk
 Date 05/07/10

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-76241

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
GREATER BOUNDARY II N-34-8-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301333876

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: 1998 FSL 637 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSW, 34, T8S, R17E

STATE: UT

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

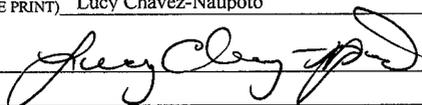
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>06/14/2010</u>	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The above subject well was completed on 06-14-10, 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)

RECEIVED
JUN 21 2010
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

GRTR BNDRY II N-34-8-17

4/1/2010 To 8/30/2010

6/1/2010 Day: 1

Completion

Rigless on 6/1/2010 - CBL/Perferate 1st stage. - RU frac head & Cameron BOP's. RU Hot Oiler & test casing, frac head w/ valves & BOP's to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD was 6320' w/ cement top @ 48'. RIH w/ 3-1/8" Port Guns (11 gram, .36"EH, 120°, 16.82"pen) & perferate CP4 sds @ 6062-67', 6037-39' w/ 3 spf for total of 21 shots. SIFN w/ 151 bbls EWTR.

Daily Cost: \$0

Cumulative Cost: \$12,152

6/8/2010 Day: 2

Completion

Rigless on 6/8/2010 - Frac well. Flowed well back. - Stage #2; RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & perf guns. Set plug @ 5930'. Perferate CP2 sds @ 5937-39', 5928-34', CP1 sds @ 5867-70', 5848-50' w/ 3-1/8" Slick Guns (16 gram, .34"EH, 120°, 21"pen) w/ 3 spf for total of 39 shots. RU BJ & open well w/ 1180 psi on casing. Perfs broke down @ 3332 back to 1459 psi w/ 3 bbls @ 3 bpm. Pressure to low to shut down. Pump 30 gals of Techni Hib 767 chemical @ 4% by volume. Frac w/ 79,719#'s of 20/40 sand in 647 bbls of Lightning 17 frac fluid. Treated @ avg pressure of 1908 w/ avg rate of 43 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1709 w/ .72FG. 5 min was 1598. 10 min was 1536. 15 min was 1475. Leave pressure on well. 1115 bbls EWTR. - Stage #1; RU BJ Services "Ram Head" frac flange. RU BJ & open well w/ 9 psi on casing. Perfs broke down @ 3338 back to 2275 psi w/ 3 bbls @ 3 bpm. ISIP was 1659 w/ .71FG. 1 min ws 1301. 4 min was 1182. Pump 6 bbls of 15% HCL acid. Pump 30 gals of Techni Hib 767 chemical @ 4% by volume. Frac w/ 19,592#'s of 20/40 sand in 353 bbls of Lightning 17 frac fluid. Treated @ avg pressure of 3605 w/ avg rate of 30 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1835 w/ .75FG. 5 min was 1483. 10 min was 1427. 15 min was 1343. Leave pressure on well. 504 bbls EWTR. - Stage #4; RU WLT. RIH w/ frac plug & perf guns. Set plug @ 5180'. Perferate D3 sds @ 5115-23' w/ 3 spf for total of 24 shots. RU BJ & open well w/ 1398 psi on casing. Perfs broke down @ 1870 back to 1869 psi w/ 3 bbls @ 3 bpm. Pressure to low to shut down. Pump 30 gals of Techni Hib 767 chemical @ 4% by volume. Frac w/ 35,383#'s of 20/40 sand in 376 bbls of Lightning 17 frac fluid. Treated @ avg pressure of 321 w/ avg rate of 43 bpm w/ 8 ppg of sand. Screened out frac w/ 17,346#'s in casing w/ 59 bbls left in flush w/ 7 ppg on perfs. 1874 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 4 hours & died. SIFN w/ 1400 bbls EWTR. - Stage #3; RU WLT. RIH w/ frac plug & perf guns. Set plug @ 5360'. Perferate B.5 sds @ 5252-57', 5233-35' w/ 3 spf for total of 21 shots. RU BJ & open well w/ 1340 psi on casing. Perfs broke down @ 1508 back to 1507 psi w/ 3 bbls @ 3 bpm. Pressure to low to shut down. Pump 30 gals of Techni Hib 767 chemical @ 4% by volume. Frac w/ 35.606#'s of 20/40 sand in 383 bbls of Lightning 17 frac fluid. Treated @ avg pressure of 2577 w/ avg rate of 40 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 3205 w/ 1.04FG. 5 min was 1650. 10 min was 1571. 15 min was 1537. Leave pressure on well. 1498 bbls EWTR.

Daily Cost: \$0

Cumulative Cost: \$90,378

6/9/2010 Day: 3

Completion

Nabors #147 on 6/9/2010 - Set kill plug. MIRUSU. PU tbg. - MIRUSU. Open well w/ 300 psi on casing. RU Perforators LLC WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite solid (6K) plug. Set plug @ 5050'. RD WLT. RU 4-3/4" Chomp mill, SN. TIH w/ new J-55, 2-7/8", 6.5#, 8EUE tbg. SIFN w/ EOT @ 945'.

Daily Cost: \$0

Cumulative Cost: \$131,472

6/10/2010 Day: 4

Completion

Nabors #147 on 6/10/2010 - PU tbg. Broke down. - Continue to PU tbg & TIH. Tag plug @ 5050'. RU swivel, pump & tanks.

Daily Cost: \$0

Cumulative Cost: \$134,908

6/11/2010 Day: 5

Completion

Nabors #147 on 6/11/2010 - Drlg plugs. Swab well to PBD. - TIH w/ tbg. Drlg kill plug @ 5050'. TIH w/ tbg to tag fill @ 40'. C/O to plug @ 5180'. Drlg out plug #1. TIH w/ tbg to tag fill @ 5335'. Drlg out plug #2. TIH w/ tbg to tag fill @ 5960'. Drlg out plug #3. TIH w/ tbg to tag fill @ 6319'. C/O to PBD @ 6369'. Circulate well clean. TOOH w/ 3 jts tbg. RU swab equipment. Made 13 runs & rec'd 168 bbls of fluid. FFL was 3000' w/ last run showed trace of oil w/ no sand. RD swab equipment. SIFN w/ 1360 bbls EWTR.

Daily Cost: \$0

Cumulative Cost: \$141,398

6/12/2010 Day: 6

Completion

Nabors #147 on 6/12/2010 - TOOH w/ tbg. TIH w/ production. Parted tbg setting TA. - Open well w/ 150 psi on casing. TOOH w/ tbg to tag 0' of new sand. Circulate well clean. TOOH w/ tbg. LD mill & x-over sub. PU NC, 2 jts tbg, SN, 1 jt tbg, 183 jts tbg. RD BOP's. Set TA @ 6114' w/ 18,000#'s tension w/ SN @ 6047', & EOT @ 6110'. When setting TA the tbg parted. RU BOP's. TOOH w/ 9 jts tbg. Pin parted in 9 joint from surface. RU fishing tool. Fish tbg. Release TA. TOOH w/ tbg. LD btm 18 jts tbg. TIH w/ NC, 2 jts tbg, SN, 1 jt tbg, TA new Cntrl Hydrlic w/ 45,000# shear, 88 jts tbg. SIFN.

Daily Cost: \$0

Cumulative Cost: \$151,606

6/14/2010 Day: 7

Completion

Nabors #147 on 6/14/2010 - TIH w/ production. Put well on pump. Final Report. - Open well w/ 10 psi on casing. Continue TIH w/ tbg. RD BOP's. Set TA @ 6011' w/ 18,000#'s tension w/ SN @ 6045' & EOT @ 6108'. Flush tbg w/ 50 bbls water. Pick-up & prime pump. TIH w/ new Cntrl Hydrlic 2-1/2" x 1-3/4" x 17' x 24' RHAC pump w/ 224"SL, 4- 1/2" weight rods, 235-7/8" Guided 8 per rod, 8',6',4',2' x 7/8" pony rod, 1-1/2" x 30' polish rod. Space pump. Test tbg & pump to 800 psi. RDMOSU. POP @ 4PM w/ 144"SL @ 5 spm w/ 1360 bbls EWTR. Final Report. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$205,470

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-79017

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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
GMBU

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

8. Lease Name and Well No.
GREATER BOUNDARY II N-34-8-17

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

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

9. AFI Well No.
43-013-33876

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface 1998' FSL & 637' FWL (NW/SW) SEC. 34, T8S, R17E (UTU-79017)
At top prod. interval reported below 2529' FSL & 1308' FWL (NW/SW) SEC. 34, T8S, R17E (UTU-79017)
At total depth 2602' FNL & 1474' FWL (SE/NW) SEC. 34, T8S, R17E (UTU-76241)

10. Field and Pool or Exploratory
MONUMENT BUTTE

11. Sec., T., R., M., on Block and
Survey or Area
SEC. 34, T8S, R17E

12. County or Parish
DUCHESNE

13. State
UT

14. Date Spudded
05/03/2010

15. Date T.D. Reached
05/23/2010

16. Date Completed
06/14/2010
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5169' GL 5181' KB

18. Total Depth: MD 6403'
TVD 6296

19. Plug Back T.D.: MD 6369'
TVD 6262

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	317'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6391'		350 PRIMLITE		48'	
						450 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 6109'	TA @ 6011'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River			6037-6067' CP4	.36"	3	21
B) Green River			5848-5939' CP1 CP2	.34"	3	39
C) Green River			5233-5257' B.5	.34"	3	21
D) Green River			5115-5123' D3	.34"	3	24

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

Depth Interval	Amount and Type of Material
6037-6067'	Frac w/ 19592#'s 20/40 sand in 116 bbls of Lightning 17 fluid.
5848-5939'	Frac w/ 79719#'s 20/40 sand in 341 bbls of Lightning 17 fluid.
5233-5257'	Frac w/ 35606#'s 20/40 sand in 168 bbls of Lightning 17 fluid.
5115-5123'	Frac w/ 35383#'s 20/40 sand in 166 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
6-15-10	6-29-10	24	→	47	0	23			2-1/2" x 1-3/4" x 17' x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	PRODUCING
			→						

28a. Production - Interval B

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

RECEIVED
JUL 06 2010

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

28b. Production - Interval C

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

28c. Production - Interval D

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

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

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

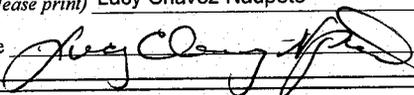
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3977' 4169'
				GARDEN GULCH 2 POINT 3	4288' 4565'
				X MRKR Y MRKR	4803' 4836'
				DOUGALS CREEK MRK BI CARBONATE MRK	4971' 5214'
				B LIMESTON MRK CASTLE PEAK	5370' 5683'
				BASAL CARBONATE	6242'

32. Additional remarks (include plugging procedure):

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

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

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

Name (please print) Lucy Chavez-Naupoto Title Administrative Assistant
 Signature  Date 06/30/2010

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 34 T8S, R17E
N-34-8-17**

Wellbore #1

Design: Actual

Standard Survey Report

22 June, 2010

HATHAWAY HB BURNHAM
DIRECTIONAL & MWD SERVICES



Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 34 T8S, R17E
 Well: N-34-8-17
 Wellbore: Wellbore #1
 Design: Actual

Local Co-ordinate Reference: Well N-34-8-17
 TVD Reference: N-34-8-17 @ 5181.0ft (RIG #2)
 MD Reference: N-34-8-17 @ 5181.0ft (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 34 T8S, R17E		
Site Position:		Northing:	7,199,300.00ft
From:	Lat/Long	Easting:	2,062,202.62ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	40° 4' 27.066 N
		Longitude:	109° 59' 33.558 W
		Grid Convergence:	0.97 °

Well	N-34-8-17, SHL LAT: 40 04 21.64, LONG: -109 59 59.41		
Well Position	+N/-S	0.0 ft	Northing: 7,198,717.25 ft
	+E/-W	0.0 ft	Easting: 2,060,202.62 ft
Position Uncertainty	0.0 ft	Wellhead Elevation:	5,181.0 ft
		Ground Level:	5,169.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2010/05/09	11.43	65.86	52,406

Design	Actual			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	50.92

Survey Program	Date 2010/06/22			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
424.0	6,400.0	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
424.0	0.44	316.47	424.0	1.2	-1.1	-0.1	0.10	0.10	0.00
454.0	0.50	318.70	454.0	1.4	-1.3	-0.1	0.21	0.20	7.43
485.0	0.50	332.40	485.0	1.6	-1.4	-0.1	0.38	0.00	44.19
516.0	0.30	349.10	516.0	1.8	-1.5	-0.1	0.74	-0.65	53.87
546.0	0.40	10.20	546.0	2.0	-1.5	0.1	0.54	0.33	70.33
577.0	0.90	40.80	577.0	2.3	-1.3	0.4	1.91	1.61	98.71
607.0	0.90	48.00	607.0	2.6	-1.0	0.9	0.38	0.00	24.00
638.0	1.30	48.70	638.0	3.0	-0.6	1.4	1.29	1.29	2.26
668.0	1.50	53.20	668.0	3.4	0.0	2.2	0.76	0.67	15.00
699.0	1.70	60.00	699.0	3.9	0.7	3.0	0.89	0.65	21.94
730.0	2.10	58.60	729.9	4.4	1.6	4.1	1.30	1.29	-4.52
760.0	2.50	58.50	759.9	5.1	2.6	5.2	1.33	1.33	-0.33



HATHAWAY BURNHAM

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 34 T8S, R17E
Well: N-34-8-17
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well N-34-8-17
TVD Reference: N-34-8-17 @ 5181.0ft (RIG #2)
MD Reference: N-34-8-17 @ 5181.0ft (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)
791.0	3.00	56.50	790.9	5.9	3.9	6.7	1.64	1.61	-6.45
821.0	3.20	54.80	820.8	6.8	5.2	8.3	0.73	0.67	-5.67
852.0	3.70	52.10	851.8	7.9	6.7	10.2	1.70	1.61	-8.71
883.0	4.00	51.00	882.7	9.2	8.4	12.3	1.00	0.97	-3.55
914.0	4.40	51.70	913.6	10.6	10.1	14.6	1.30	1.29	2.26
946.0	4.50	53.10	945.5	12.1	12.1	17.0	0.46	0.31	4.38
978.0	4.80	54.60	977.4	13.7	14.2	19.6	1.01	0.94	4.69
1,009.0	5.20	54.30	1,008.3	15.2	16.4	22.3	1.29	1.29	-0.97
1,041.0	5.40	55.90	1,040.2	16.9	18.8	25.3	0.78	0.63	5.00
1,073.0	6.20	55.00	1,072.0	18.8	21.5	28.5	2.52	2.50	-2.81
1,105.0	6.50	54.50	1,103.8	20.8	24.4	32.0	0.95	0.94	-1.56
1,137.0	7.10	54.20	1,135.6	23.0	27.4	35.8	1.88	1.88	-0.94
1,169.0	7.50	53.20	1,167.3	25.4	30.7	39.9	1.31	1.25	-3.13
1,200.0	8.10	53.00	1,198.0	27.9	34.1	44.1	1.94	1.94	-0.65
1,232.0	8.80	54.00	1,229.7	30.7	37.9	48.8	2.24	2.19	3.13
1,263.0	9.10	55.30	1,260.3	33.5	41.8	53.6	1.17	0.97	4.19
1,295.0	9.40	55.70	1,291.9	36.4	46.0	58.7	0.96	0.94	1.25
1,327.0	9.90	55.60	1,323.4	39.5	50.5	64.1	1.56	1.56	-0.31
1,358.0	10.20	55.60	1,354.0	42.5	54.9	69.5	0.97	0.97	0.00
1,390.0	10.40	55.30	1,385.5	45.8	59.6	75.2	0.65	0.63	-0.94
1,422.0	10.50	53.50	1,416.9	49.1	64.4	80.9	1.07	0.31	-5.63
1,454.0	11.10	53.60	1,448.4	52.7	69.2	86.9	1.88	1.88	0.31
1,549.0	12.80	52.20	1,541.3	64.6	84.9	106.6	1.82	1.79	-1.47
1,644.0	13.00	50.20	1,633.9	77.9	101.4	127.8	0.51	0.21	-2.11
1,739.0	13.00	49.00	1,726.5	91.7	117.7	149.2	0.28	0.00	-1.26
1,834.0	12.80	49.00	1,819.1	105.6	133.7	170.4	0.21	-0.21	0.00
1,929.0	12.30	51.50	1,911.8	118.8	149.5	191.0	0.78	-0.53	2.63
2,024.0	12.50	52.10	2,004.6	131.5	165.6	211.4	0.25	0.21	0.63
2,118.0	12.60	49.40	2,096.3	144.4	181.4	231.8	0.63	0.11	-2.87
2,213.0	12.70	44.20	2,189.0	158.6	196.5	252.5	1.20	0.11	-5.47
2,308.0	12.50	43.60	2,281.7	173.5	210.9	273.1	0.25	-0.21	-0.63
2,403.0	12.70	47.40	2,374.5	188.1	225.7	293.7	0.90	0.21	4.00
2,498.0	11.60	51.20	2,467.3	201.1	240.8	313.7	1.43	-1.16	4.00
2,593.0	12.30	53.40	2,560.3	213.1	256.4	333.4	0.88	0.74	2.32
2,688.0	13.40	49.50	2,652.9	226.3	272.9	354.5	1.47	1.16	-4.11
2,783.0	12.90	49.20	2,745.4	240.4	289.3	376.1	0.53	-0.53	-0.32
2,878.0	11.50	51.80	2,838.3	253.2	304.7	396.2	1.58	-1.47	2.74
2,974.0	11.00	51.40	2,932.4	264.8	319.4	414.9	0.53	-0.52	-0.42
3,069.0	11.50	53.50	3,025.6	276.1	334.1	433.4	0.68	0.53	2.21
3,164.0	12.40	53.10	3,118.5	287.9	349.9	453.1	0.95	0.95	-0.42
3,259.0	13.10	56.70	3,211.2	299.9	367.0	474.0	1.11	0.74	3.79
3,354.0	10.90	51.40	3,304.1	311.4	383.1	493.7	2.59	-2.32	-5.58
3,448.0	12.10	51.40	3,396.2	323.1	397.7	512.4	1.28	1.28	0.00
3,544.0	12.70	51.20	3,490.0	336.0	413.8	533.0	0.63	0.63	-0.21
3,639.0	11.80	50.30	3,582.8	348.7	429.4	553.2	0.97	-0.95	-0.95
3,734.0	12.00	53.00	3,675.8	360.9	444.8	572.8	0.62	0.21	2.84
3,829.0	12.30	54.70	3,768.6	372.7	460.9	592.7	0.49	0.32	1.79
3,924.0	12.50	56.80	3,861.4	384.1	477.8	613.0	0.52	0.21	2.21
4,019.0	12.50	53.80	3,954.2	395.8	494.7	633.5	0.68	0.00	-3.16
4,115.0	12.40	48.90	4,047.9	408.8	510.8	654.2	1.10	-0.10	-5.10
4,210.0	12.80	50.10	4,140.6	422.2	526.6	674.9	0.50	0.42	1.26
4,304.0	12.30	52.90	4,232.4	434.9	542.6	695.4	0.84	-0.53	2.98
4,399.0	11.80	52.20	4,325.3	447.0	558.3	715.2	0.55	-0.53	-0.74
4,494.0	12.10	56.40	4,418.2	458.5	574.3	734.8	0.97	0.32	4.42



HATHAWAY BURNHAM

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 34 T8S, R17E
Well: N-34-8-17
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well N-34-8-17
TVD Reference: N-34-8-17 @ 5181.0ft (RIG #2)
MD Reference: N-34-8-17 @ 5181.0ft (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)
4,590.0	12.00	54.90	4,512.1	469.8	590.8	754.8	0.34	-0.10	-1.56
4,685.0	11.40	53.50	4,605.1	481.0	606.4	774.0	0.70	-0.63	-1.47
4,780.0	11.10	53.90	4,698.3	492.0	621.4	792.5	0.33	-0.32	0.42
4,875.0	9.50	51.40	4,791.8	502.3	634.9	809.5	1.75	-1.68	-2.63
4,971.0	8.90	53.80	4,886.6	511.6	647.1	824.8	0.74	-0.63	2.50
5,066.0	9.40	51.50	4,980.3	520.8	659.1	839.9	0.65	0.53	-2.42
5,161.0	10.40	47.30	5,073.9	531.4	671.5	856.2	1.30	1.05	-4.42
5,256.0	10.02	50.10	5,167.4	542.5	684.1	873.1	0.66	-0.40	2.95
5,351.0	9.50	49.20	5,261.1	553.0	696.4	889.2	0.57	-0.55	-0.95
5,388.3	9.18	48.34	5,297.9	557.0	700.9	895.2	0.92	-0.85	-2.29
N-34-8-17 TGT									
5,446.0	8.70	46.90	5,354.9	563.0	707.6	904.2	0.92	-0.84	-2.50
5,541.0	8.60	53.10	5,448.8	572.2	718.5	918.4	0.99	-0.11	6.53
5,636.0	9.50	49.60	5,542.6	581.5	730.1	933.4	1.11	0.95	-3.68
5,731.0	9.60	44.14	5,636.3	592.3	741.6	949.1	0.96	0.11	-5.75
5,826.0	10.20	44.50	5,729.9	604.0	753.0	965.3	0.63	0.63	0.38
5,921.0	12.30	47.90	5,823.0	616.8	766.4	983.8	2.32	2.21	3.58
6,016.0	12.90	49.20	5,915.7	630.5	782.0	1,004.5	0.70	0.63	1.37
6,111.0	12.30	48.00	6,008.5	644.2	797.5	1,025.2	0.69	-0.63	-1.26
6,207.0	11.45	49.31	6,102.4	657.2	812.3	1,044.9	0.93	-0.89	1.36
6,301.0	9.95	46.87	6,194.8	668.9	825.3	1,062.3	1.67	-1.60	-2.60
6,350.0	8.81	46.87	6,243.1	674.3	831.2	1,070.3	2.33	-2.33	0.00
6,390.0	8.81	46.87	6,282.6	678.5	835.6	1,076.4	0.00	0.00	0.00
6,400.0	8.81	46.87	6,292.5	679.6	836.8	1,077.9	0.00	0.00	0.00

Wellbore Targets

Target Name

- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- Shape									
N-34-8-17 TGT	0.00	0.00	5,300.0	545.7	693.3	7,199,274.54	2,060,886.64	40° 4' 27.033 N	109° 59' 50.491 W
- actual wellpath misses by 13.7ft at 5388.3ft MD (5297.8 TVD, 557.0 N, 700.9 E)									
- Circle (radius 75.0)									

Checked By: _____ Approved By: _____ Date: _____

NEWFIELD



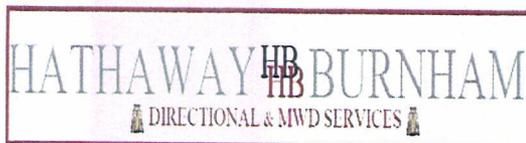
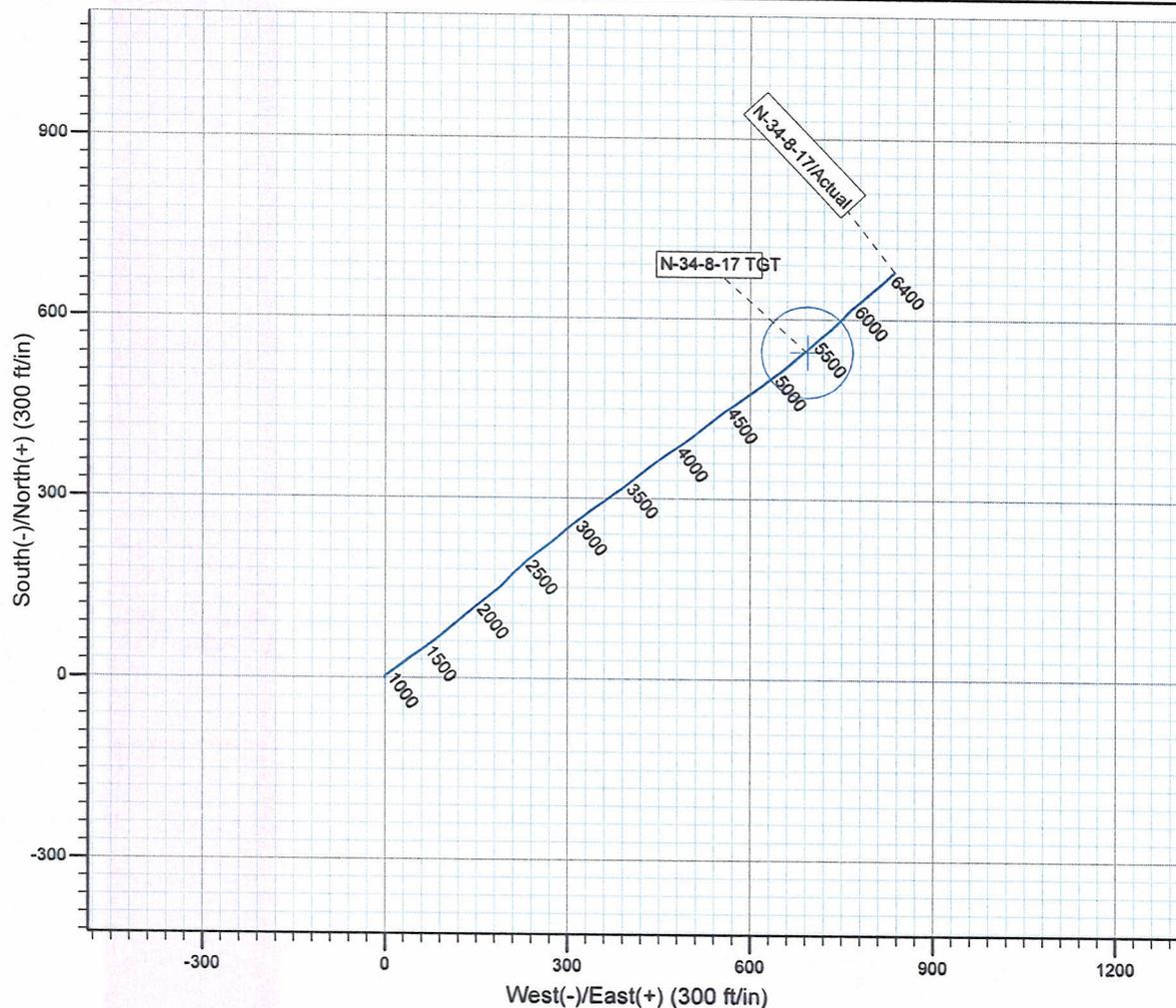
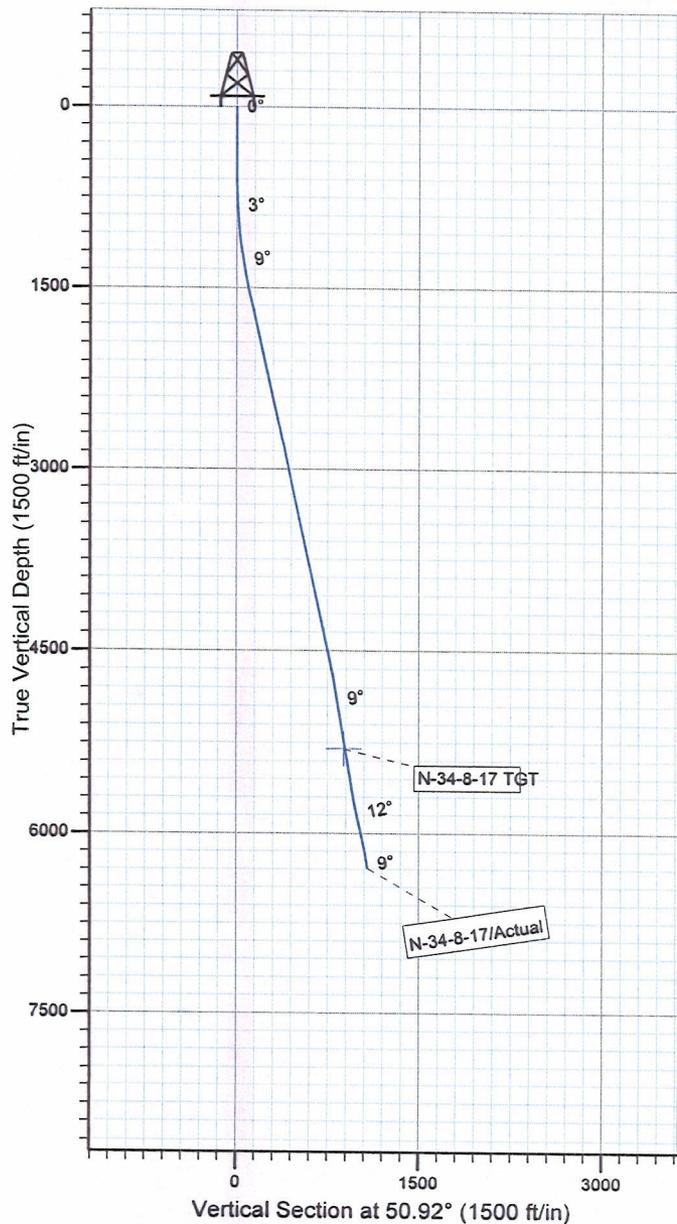
Project: USGS Myton SW (UT)
 Site: SECTION 34 T8S, R17E
 Well: N-34-8-17
 Wellbore: Wellbore #1
 SURVEY: Actual

FINAL SURVEY REPORT



Azimuths to True North
 Magnetic North: 11.43°

Magnetic Field
 Strength: 52406.0snT
 Dip Angle: 65.86°
 Date: 2010/05/09
 Model: IGRF2010



Design: Actual (N-34-8-17/Wellbore #1)

Created By: *Jim Hudson* Date: 18:29, June 22 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 N-34-8-17

3/1/2010 To 7/30/2010

GRTR BNDRY II N-34-8-17

Waiting on Cement

Date: 5/5/2010

Ross #21 at 320. Days Since Spud - On 5/6/10 cemented 85/8" surface casing with BJ Mixed @ G+2%CaCl+.25#/SK Celloflake 15.8 ppg 1.17 ye - On 5/3/10 ran 85/8" surface casing (Guide shoe, shoe jt, Baffle plate, 6 jts) set @ 317.45' - Ross rig # 21 spud the Greater Boundary II Federal N-34-8-17 on 5/3/10 @ 10:00 AM TD 320' - BLM & State was notified - ild 5 bbls returned to pit

Daily Cost: \$0

Cumulative Cost: \$36,682

GRTR BNDRY II N-34-8-17

Rigging Up

Date: 5/18/2010

NDSI #2 at 320. 0 Days Since Spud - Rig Down Prepair For Rig Move To GB Fed N-34-8-17 - Notifed State & BLM Via Email of Rig Move On 5/18/10 @ 7:00 AM And Bop Test On 5/18/10 @ 12:00 PM

Daily Cost: \$0

Cumulative Cost: \$40,735

GRTR BNDRY II N-34-8-17

Drill 7 7/8" hole with fresh water

Date: 5/19/2010

NDSI #2 at 1883. 1 Days Since Spud - No Flow - No H2s Reported Last 24 Hrs - Drill 7 7/8" Hole From 280' To 1883',20,000 LBS WOB, 131 TRPM,246 GPM, 111 fph AVG ROP - P/U Rotating Head & Kelly Gain Circ. - P/u Smith MI 616 7 7/8" PDC,Hunting 7/8 4.8,.33 Rev 1.5 Deg Mud Motor.1x30' Monel collar,1x4' Double - Psi For 10 Mins. Test 8 5/8 Casing To 1500 psi For 30 Mins. All Tested OK - R/u B&C Quick Test. Test Upper Kelly Valve,Floor Valve, Pipe & Blind Rams,Choke Manifold To 2000 - 5/18/10 MIRU ON GB N-34-8-17 Set All Surface Equipment With Marcus Liddell Trucking (Move 4.8 Miles - Gap Sub,1x3" Antena Sub,1x30' Monel Collar,26 jys HWDP. Scribe Directional Tools.

Daily Cost: \$0

Cumulative Cost: \$69,017

GRTR BNDRY II N-34-8-17

Drill 7 7/8" hole with fresh water

Date: 5/20/2010

NDSI #2 at 3974. 2 Days Since Spud - Rig Service, Check Crown-A-Matic, Function Test Bop's - Drill 7 7/8" Hole From 2643' To 3974' 22,000 lbs WOB,131 TRPM, 246 GPM, 78 fph AVG ROP - No H2s Reported Last 24 Hrs. - Well Flowing 3 gal/min @ 3118' - Drill 7 7/8" Hole From 1883' To 2643'. 20,000 lbs WOB,131 TRPM,246 GPM 116.9 fph AVG ROP

Daily Cost: \$0

Cumulative Cost: \$94,222

GRTR BNDRY II N-34-8-17

Drill 7 7/8" hole with fresh water

Date: 5/21/2010

NDSI #2 at 5147. 3 Days Since Spud - No H2s Reported Last 24 Hrs. - Drill 7 7/8" Hole From 3974' To 4481',20,000 lbs WOB, 131 TRPM,246 GPM,84.5 fph AVG ROP - Rig Service,BOP Drill All Hands In Place 1 Min. - Drill 7 7/8" Hole From 4481' To 5147',25,000 LBS,131 TRPM,246 GPM,38 fph AVG ROP - Well Flowing 2 gal/Min @ 4766'

Daily Cost: \$0**Cumulative Cost:** \$133,196

GRTR BNDRY II N-34-8-17**Drill 7 7/8" hole with fresh water****Date:** 5/22/2010

NDSI #2 at 5781. 4 Days Since Spud - Well Flowing 2gal/Min @ 5396' - No H2s Reported Last 24 hrs. - Drill 7 7/8" Hole From 5164' To 5781', 25,000 lbs WOB, 131 TRPM, 246 GPM, 37 fph AVG ROP - Work On Brakes - Circ Hole For Trip - Trip Out Hole - Wash 60' To Bottom, No Fill - Change Bits, Trip in Hole With Bit #2 - Rig Service, Check Crown-A-Matic, Function Test Bop's (Grease Crown, Blocks & Swivel)

Daily Cost: \$0**Cumulative Cost:** \$163,972

GRTR BNDRY II N-34-8-17**Circulate & Condition Hole****Date:** 5/23/2010

NDSI #2 at 6400. 5 Days Since Spud - Circ Casing With Rig Pump - Collar Set @ 6368.52' - R/U Marcus Liddell Casing Crew, Run 147 jts 5.5" J-55 15.5# Casing. Shoe Set @ 6391.43' Top Float - R/U B&C Quick Test, Test 5 1/2" Casing Rams To 2000 psi For 10 Mins, Tested OK - Run DSN/SDL/GR/CAL Suite From Loggers TD 6383' To 3000' - LDDP & BHA - Circ Hole For Laydown & Logs - Drill 7 7/8" Hole From 5781' To 6400', 20,000 lbs WOB, 131 TRPM, 246 GPM, 72.8 fph AVG ROP - R/U Phoenix Surveys Run DISGL/SP/gr Suite From Loggers TD Of 6383' To Surface Casing

Daily Cost: \$0**Cumulative Cost:** \$269,903

GRTR BNDRY II N-34-8-17**Waiting on Cement****Date:** 5/24/2010

NDSI #2 at 6400. 6 Days Since Spud - Nipple down and set slips with 90,000 lbs tension. - Move rig to the BJ N-33-8-17. Release rig at 12:30 pm on 5/23/10. - Follow w/ 400 sks tail 50:50:2+3%KCL+0.5%EC-1+.25#CF+.05#SF+.3SMS+FP-6L mixed @ 14.4 ppg 1.24 yield. - Clean mud tanks and rig down. - Cement W/ 350 sks lead PLII+3% KCL+5#CSE+0.5#CF+2#KOL+.5SMS+FP+SF mixed @11 ppg w/ 3.5 yield. **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$298,035

Pertinent Files: Go to File List