



November 13, 2007

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

RE: Directional Drilling
Greater Boundary II Federal G-29-8-17
Greater Boundary II Unit
UTU-77098X
Surface Hole: T8S R17E, Section 29: NW/4NW/4
642' FNL 672' FWL
Bottom Hole: T8S R17E, Section 29: NW/4NW/4
1323' FNL 1326' FWL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated October 26, 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 II Unit.

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

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

Sincerely,

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

Roxann Eveland
Land Associate

RECEIVED
NOV 16 2007
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

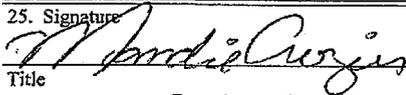
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No. UTU-76956	
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 G-29-8-17	
9. API Well No.	
10. Field and Pool, or Exploratory Monument Butte	11. Sec., T., R., M., or Blk. and Survey or Area Sec. 29, T8S R17E
12. County or Parish Duchesne	13. State UT
14. Distance in miles and direction from nearest town or post office* Approximatley 11.8 miles southeast of Myton, Utah	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1323' f/lsa, 1326' f/unit	16. No. of Acres in lease 600.00
17. Spacing Unit dedicated to this well 20 Acres	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1329'
19. Proposed Depth 6550'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5287' 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:

- | | |
|--|---|
| <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 10/26/07
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.

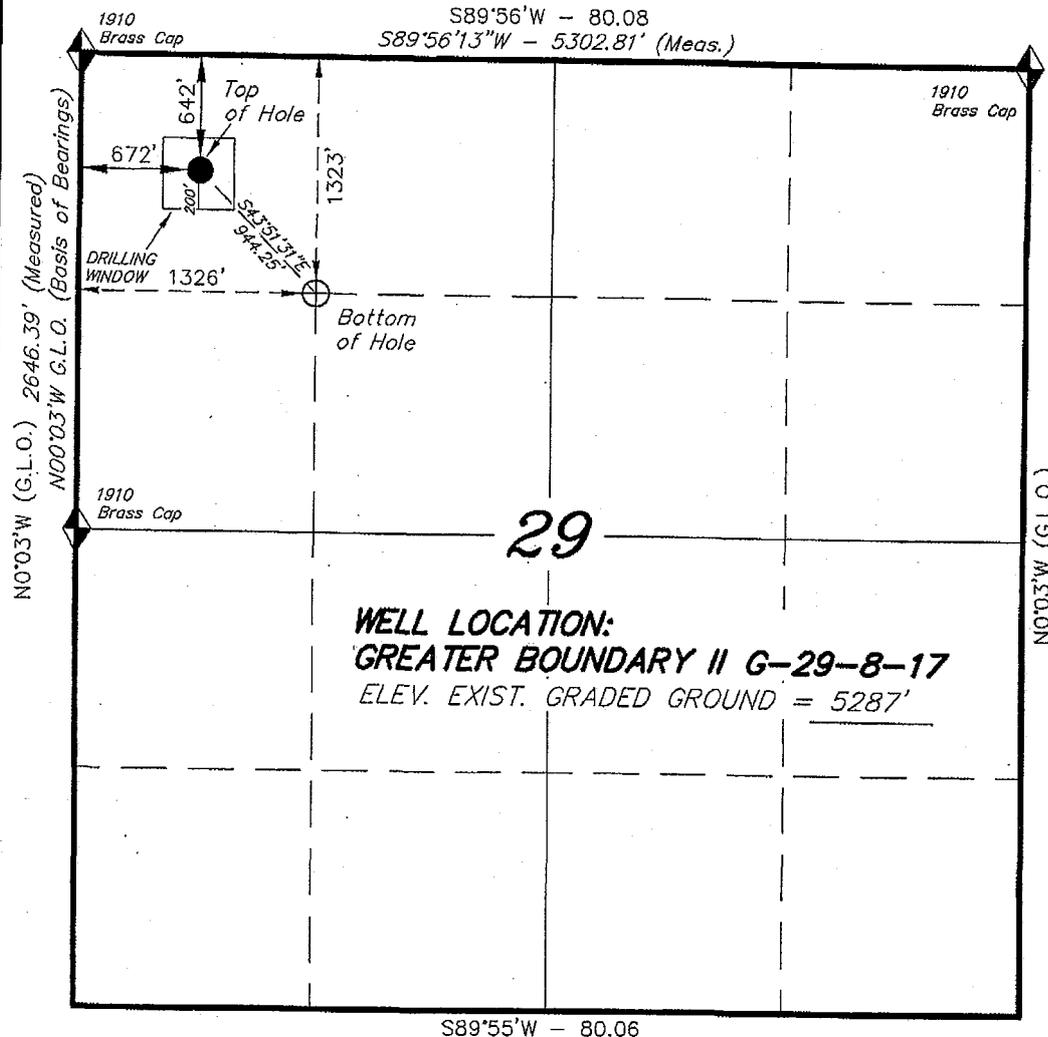
*(Instructions on reverse)

RECEIVED
NOV 16 2007
DIV. OF OIL, GAS & MINING

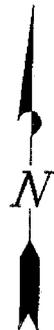
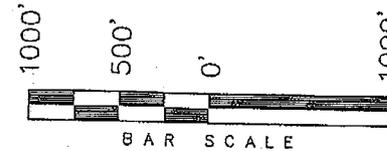
T8S, R17E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

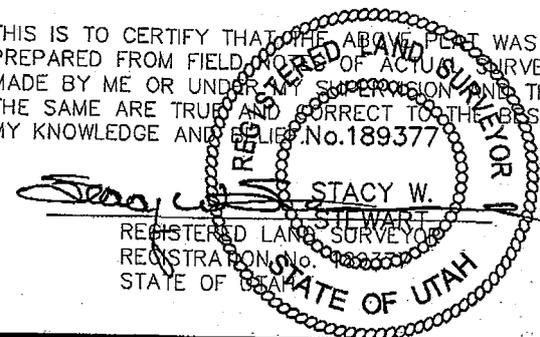
WELL LOCATION, GREATER BOUNDARY II
G-29-8-17, LOCATED AS SHOWN IN THE
NW 1/4 NW 1/4 OF SECTION 29, T8S,
R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



WELL LOCATION:
GREATER BOUNDARY II G-29-8-17
ELEV. EXIST. GRADED GROUND = 5287'



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



◆ = SECTION CORNERS LOCATED

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

GREATER BOUNDARY II G-29-8-17
(Surface Location) NAD 83
LATITUDE = 40° 05' 39.93"
LONGITUDE = 110° 02' 14.82"

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

DATE SURVEYED: 08-24-07	SURVEYED BY: T.H.
DATE DRAWN: 09-14-07	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-76956
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name 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 G-29-8-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43013-33816
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/NW 642' FNL 672' FWL At proposed prod. zone NW/NW 1323' FNL 1326' FWL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 11.8 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 29, T8S R17E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1323' f/lse, 1326' f/unit	16. No. of Acres in lease 600.00	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. 1329'	19. Proposed Depth 6550'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5287' 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:

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 10/26/07
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 11-29-07
Title Off	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)

surf

582119X
4438474Y
40.094444
-110.036669

BHL

582320X
4438270Y
40.092585
-110.034336

Federal Approval of this
Action is Necessary

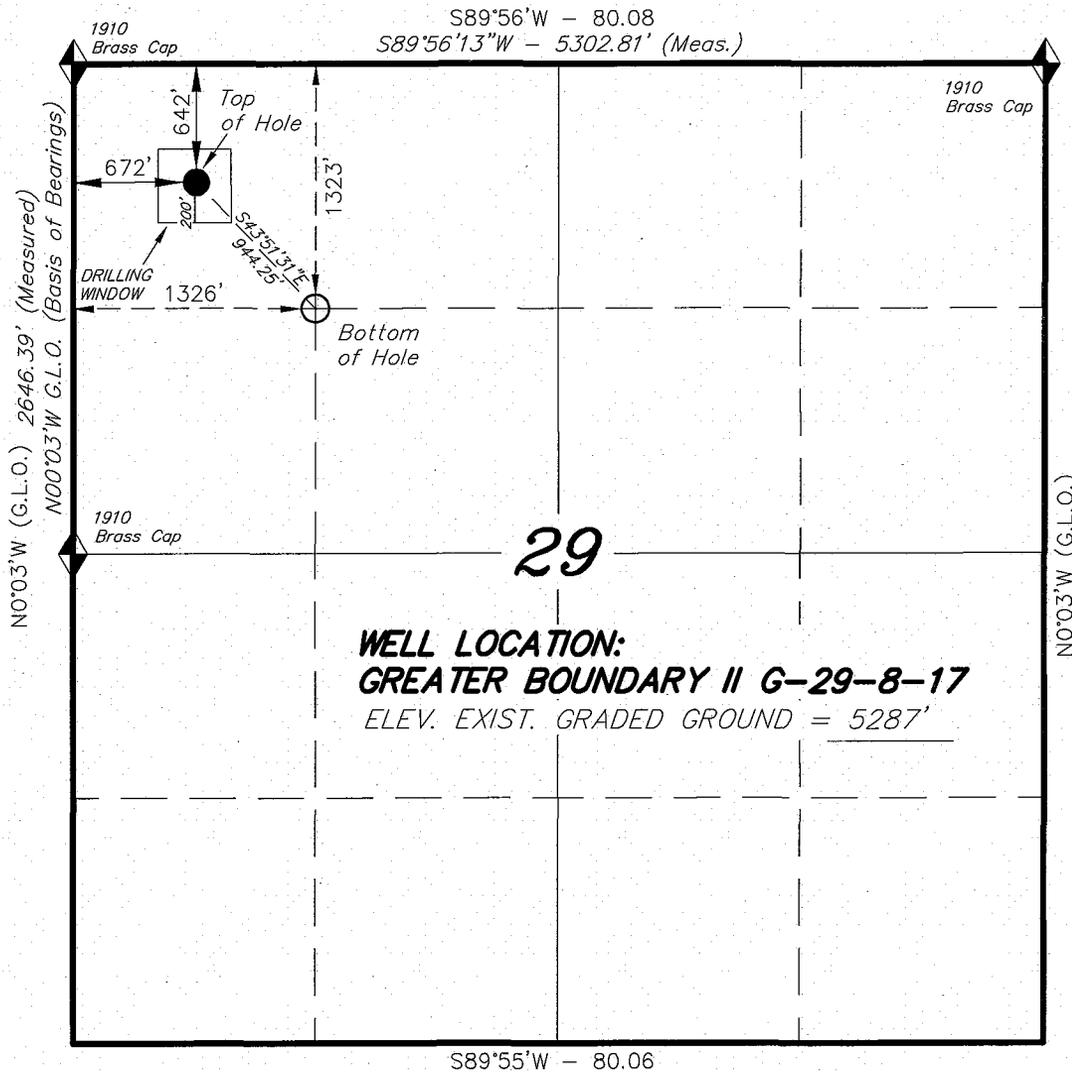
RECEIVED

NOV 20 2007

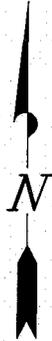
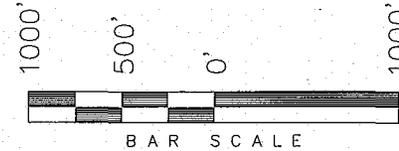
DIV. OF OIL, GAS & MINING

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

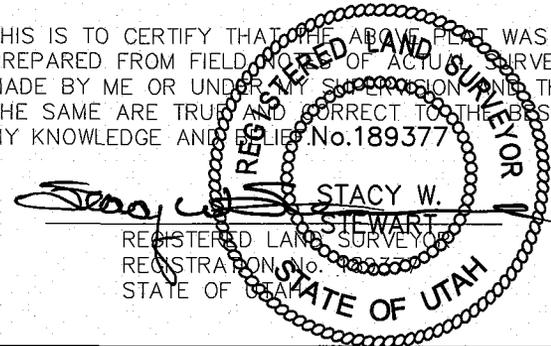
NEWFIELD PRODUCTION COMPANY



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



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



◆ = SECTION CORNERS LOCATED

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

GREATER BOUNDARY II G-29-8-17
 (Surface Location) NAD 83
 LATITUDE = $40^{\circ} 05' 39.93''$
 LONGITUDE = $110^{\circ} 02' 14.82''$

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

DATE SURVEYED: 08-24-07	SURVEYED BY: T.H.
DATE DRAWN: 09-14-07	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
GREATER BOUNDARY II FEDERAL #G-29-8-17
AT SURFACE: NW/NW SECTION 29, T8S, R17E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2470'
Green River	2470'
Wasatch	6550'

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

Green River Formation 2470' – 6550' - Oil

4. PROPOSED CASING PROGRAM

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

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

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

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY
GREATER BOUNDARY II FEDERAL #G-29-8-17
AT SURFACE: NW/NW SECTION 29, T8S, R17E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

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

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly - 7.2 miles \pm to it's junction with an existing dirt road to the east; proceed easterly - 0.6 miles \pm to the existing Tar Sands Federal 4-29-8-17 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 Tar Sands Federal 4-29-8-17 well pad. See attached **Topographic Map "B"**.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the Tar Sands Federal 4-29-8-17 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Greater Boundary II Federal G-29-8-17. All permanent surface equipment will be painted Carlsbad Canyon.

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

Johnson Water District
Water Right: 43-10136

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 G-29-8-17 will be drilled off of the existing Tar Sands Federal 4-29-8-17 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

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

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #07-350, 10/23/07. Paleontological Resource Survey prepared by, Wade Miller, October 2007. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 80' of disturbed area be granted in Lease UTU-76956 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. Refer to Topographic Map "C." For a ROW plan of development, please refer to the Monument Butte Field SOP.

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 1 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 March 15 and August 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
Shadscale	<i>Atriplex Confertifolia</i>	2 lbs/acre
Crested Wheatgrass	<i>Agropyron Cristatum</i>	5 lbs/acre
Fourwing Saltbush	<i>Atriplex Canescens</i>	1 lbs/acre

Details of the On-Site Inspection

The proposed Greater Boundary II Federal G-29-8-17 was on-sited on 10/18/07. The following were present; Dave Allred (Newfield Production), Michael Cutler (Bureau of Land Management), and Brandon McDonald (Bureau of Land Management).. Weather conditions were clear and ground cover was 100% open.

13. **LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

Representative

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

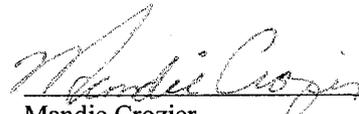
Certification

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

I hereby certify that the proposed 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.

10/23/07

Date



Mandie Crozier
Regulatory Specialist
Newfield Production Company

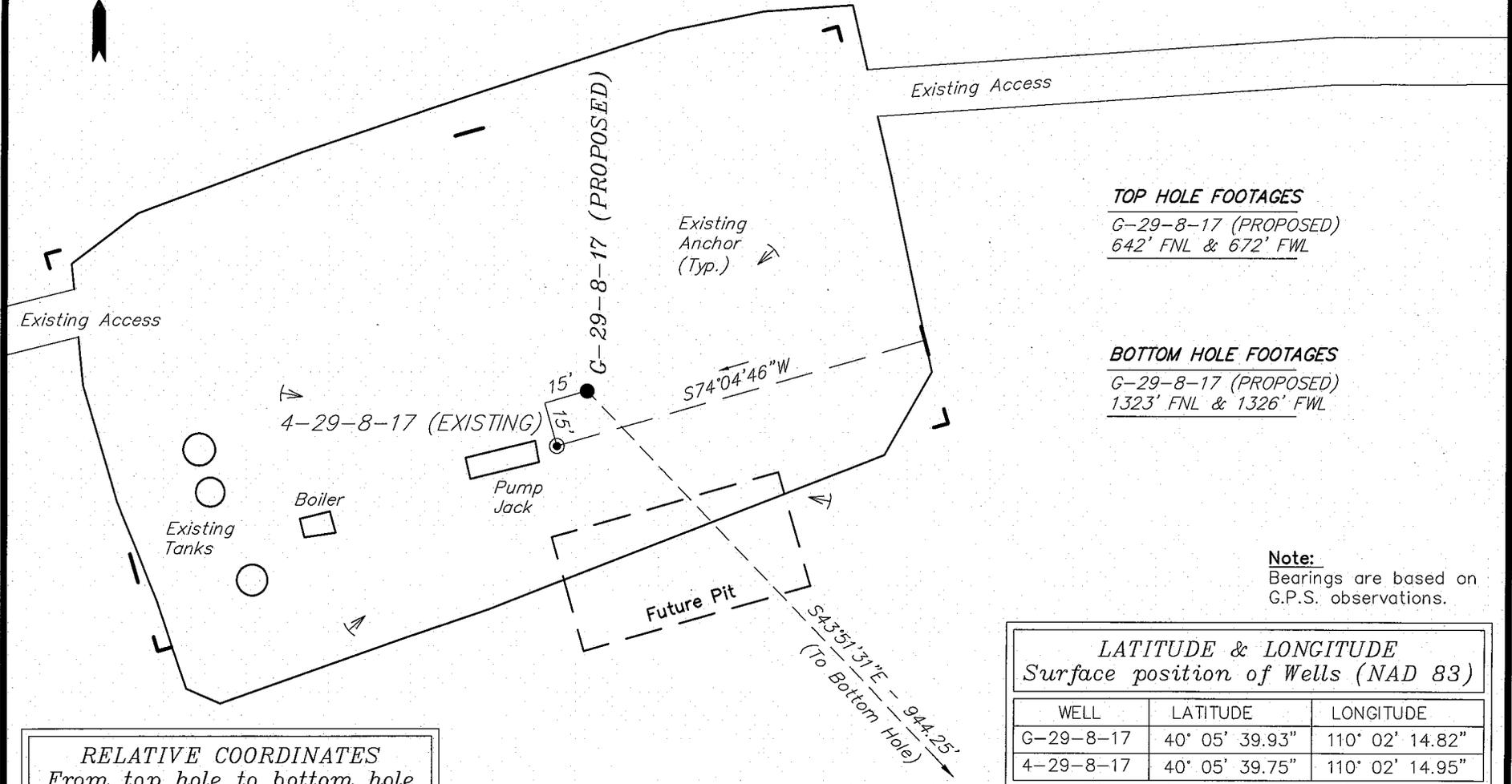
NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

GREATER BOUNDARY II G-29-8-17 (Proposed Well)

GREATER BOUNDARY II 4-29-8-17 (Existing Well)

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



TOP HOLE FOOTAGES

G-29-8-17 (PROPOSED)
642' FNL & 672' FWL

BOTTOM HOLE FOOTAGES

G-29-8-17 (PROPOSED)
1323' FNL & 1326' FWL

Note:
Bearings are based on
G.P.S. observations.

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)		
WELL	LATITUDE	LONGITUDE
G-29-8-17	40° 05' 39.93"	110° 02' 14.82"
4-29-8-17	40° 05' 39.75"	110° 02' 14.95"

RELATIVE COORDINATES From top hole to bottom hole		
WELL	NORTH	EAST
G-29-8-17	-681'	654'

SURVEYED BY: T.H.	DATE SURVEYED: 08-24-07
DRAWN BY: F.T.M.	DATE DRAWN: 09-14-07
SCALE: 1" = 50'	REVISED:

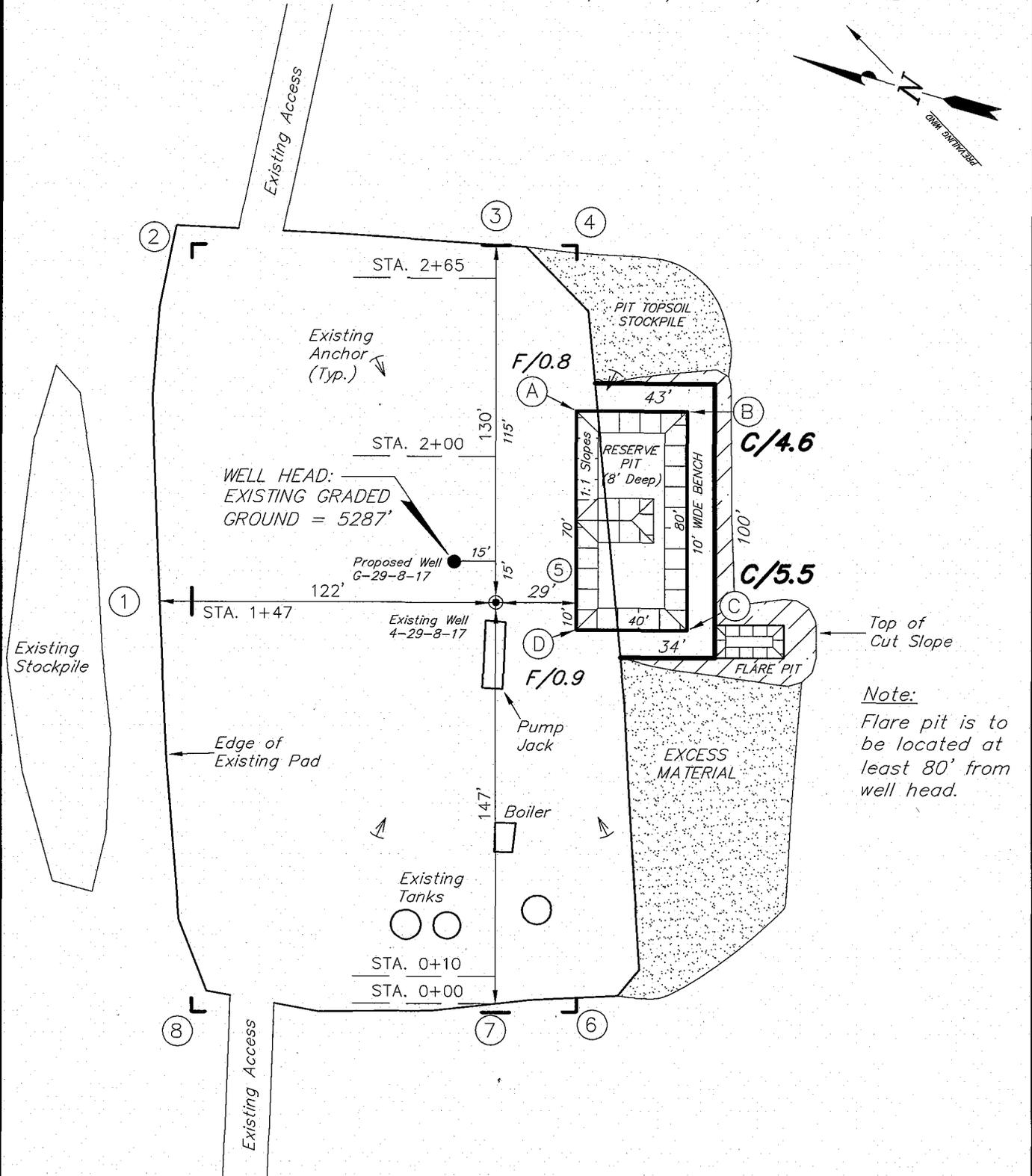
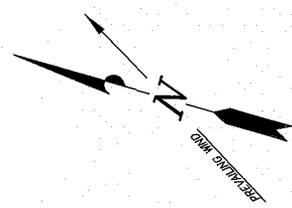
Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

GREATER BOUNDARY II G-29-8-17 (Proposed Well)

GREATER BOUNDARY II 4-29-8-17 (Existing Well)

Pad Location: NWNW Section 29, 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: 08-24-07
DRAWN BY: F.T.M.	DATE DRAWN: 09-14-07
SCALE: 1" = 50'	REVISED:

Tri State
Land Surveying, Inc.

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

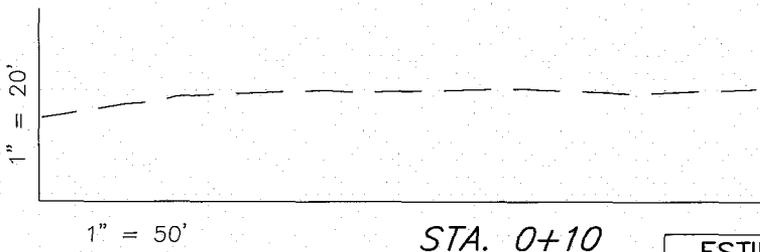
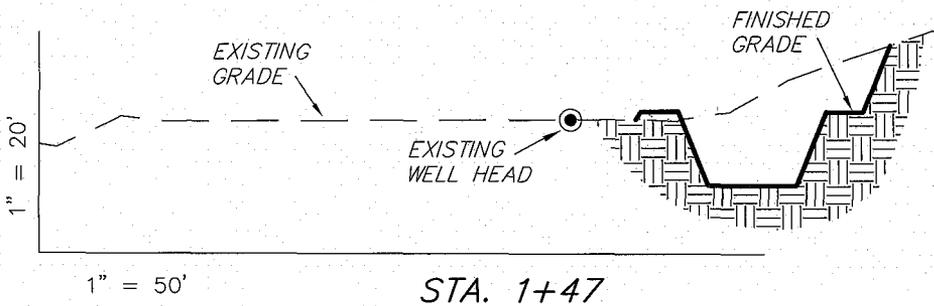
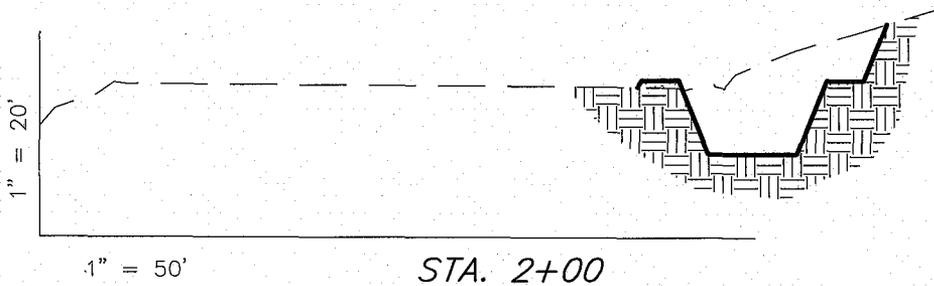
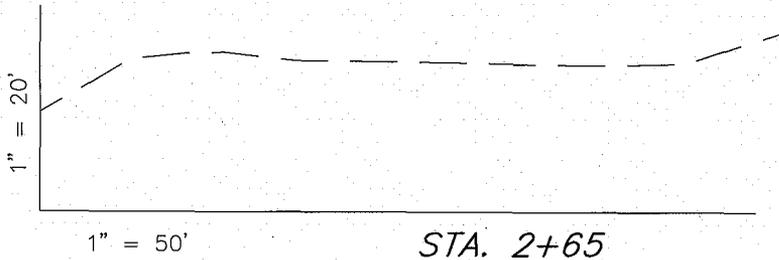
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

GREATER BOUNDARY II G-29-8-17 (Proposed Well)

GREATER BOUNDARY II 4-29-8-17 (Existing Well)



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

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	670	40	Topsoil is not included in Pad Cut	630
PIT	640	0		640
TOTALS	1,310	40	150	1,270

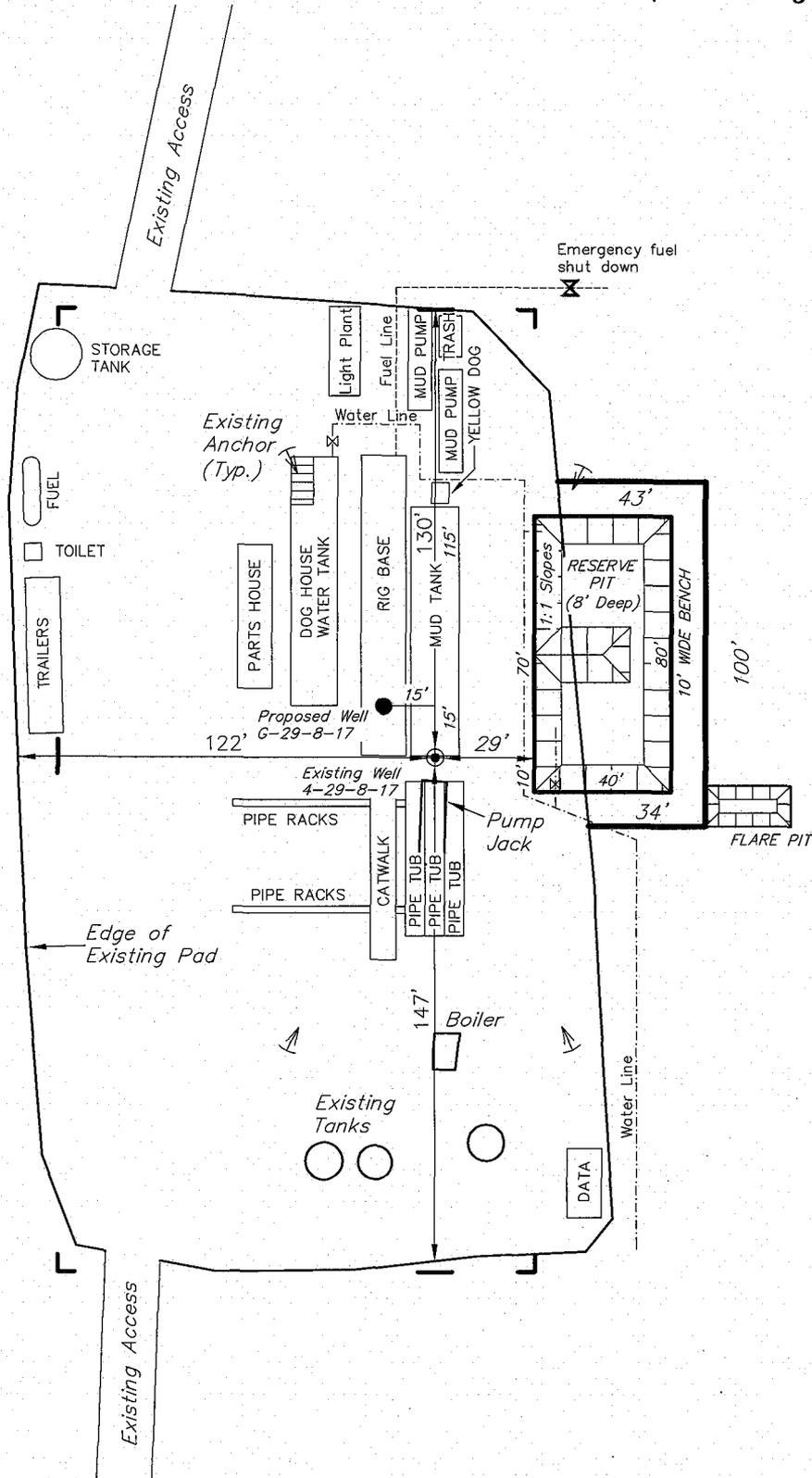
SURVEYED BY: T.H.	DATE SURVEYED: 08-24-07
DRAWN BY: F.T.M.	DATE DRAWN: 09-14-07
SCALE: 1" = 50'	REVISED:

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

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

GREATER BOUNDARY II G-29-8-17 (Proposed Well)
 GREATER BOUNDARY II 4-29-8-17 (Existing Well)



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

SURVEYED BY: T.H.	DATE SURVEYED: 08-24-07
DRAWN BY: F.T.M.	DATE DRAWN: 09-14-07
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 G-29-8-17

From the 4-29-8-17 Location

NW/NW Sec. 29 T8S, R17E

Duchesne County, Utah

UTU-76956

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

Production Phase:

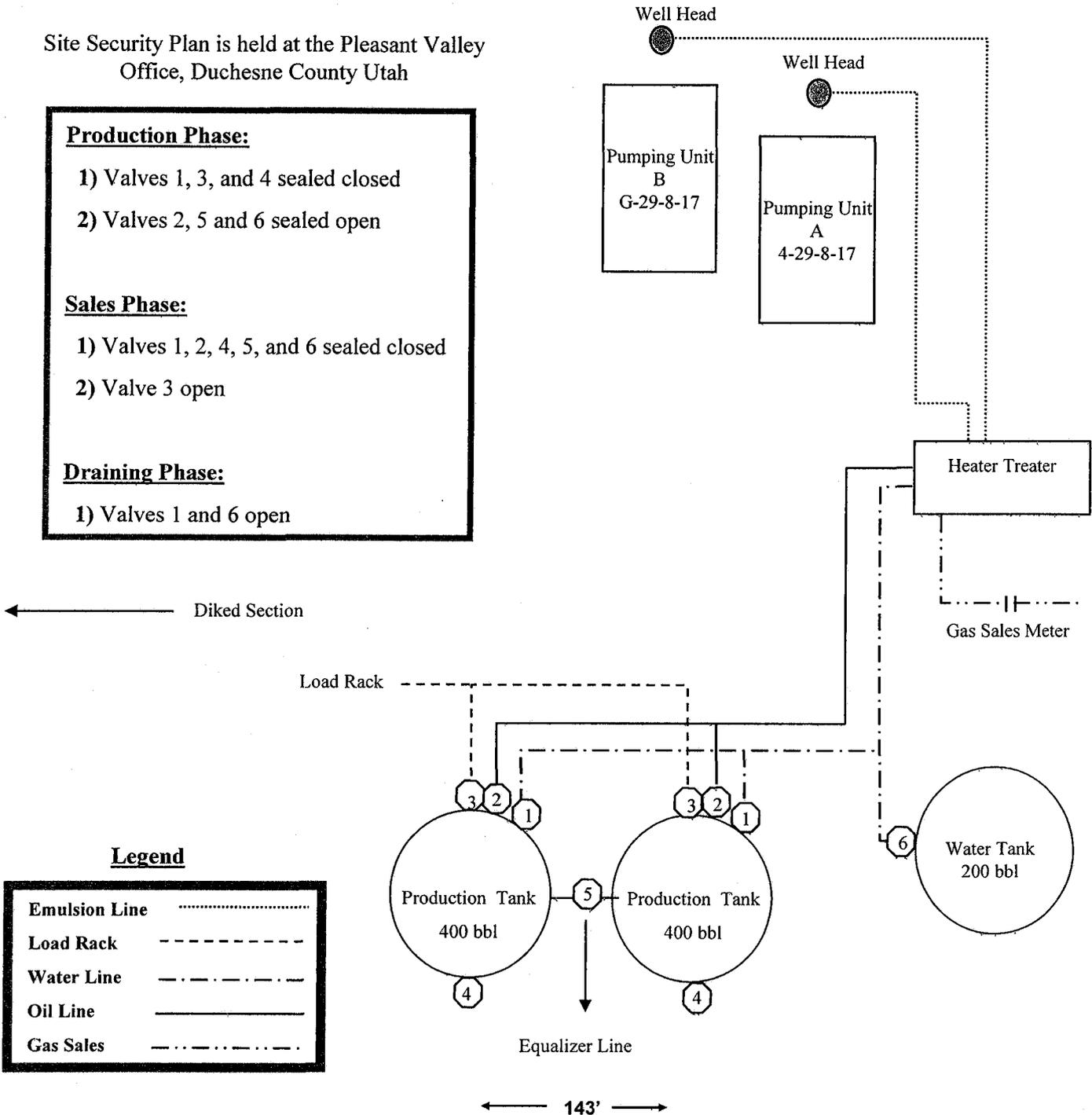
- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5 and 6 sealed open

Sales Phase:

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

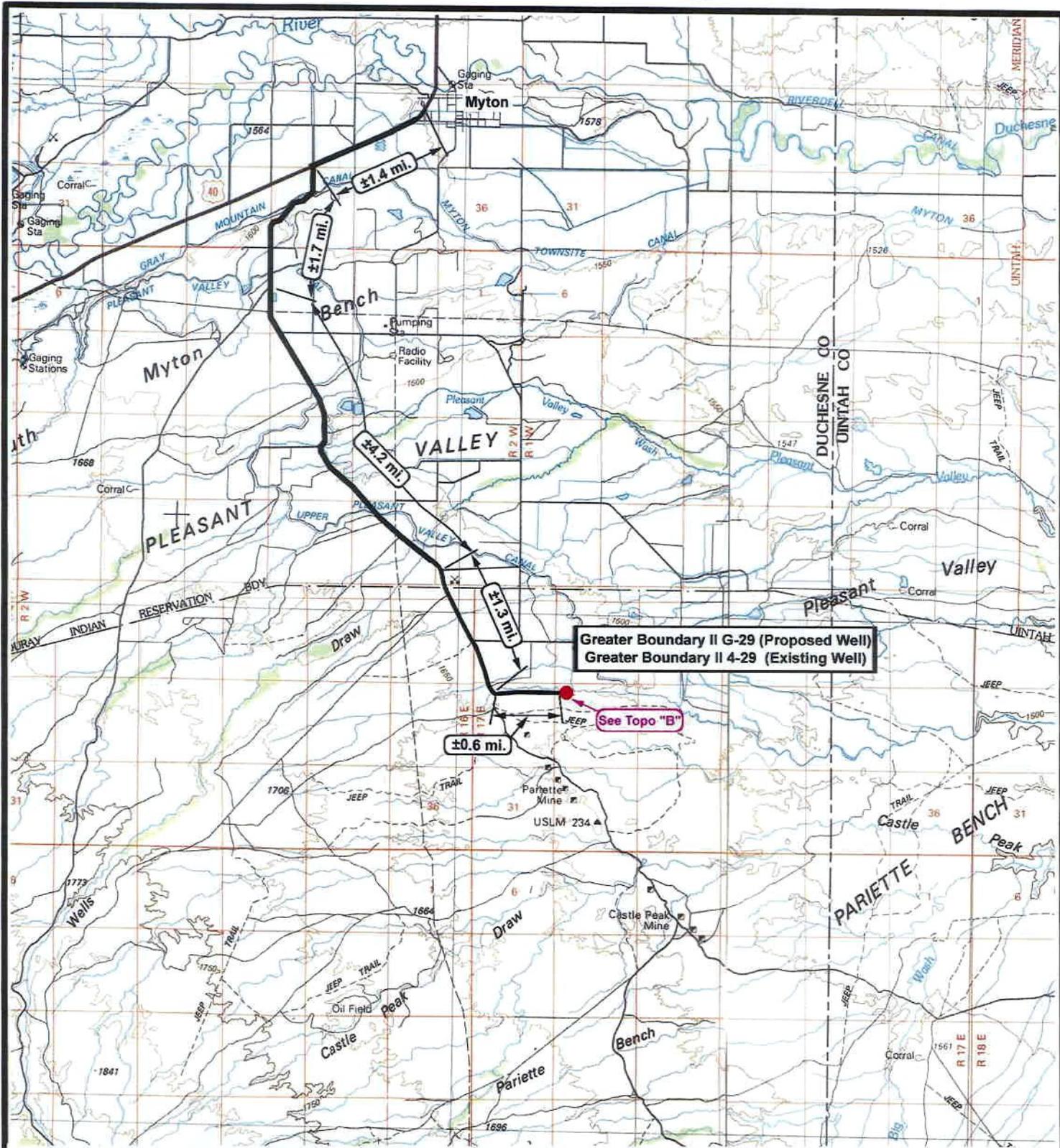
Draining Phase:

- 1) Valves 1 and 6 open



Legend

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



Greater Boundary II G-29 (Proposed Well)
 Greater Boundary II 4-29 (Existing Well)

See Topo "B"

±0.6 mi.



NEWFIELD
 Exploration Company

Greater Boundary II G-29-8-17 (Proposed Well)
Greater Boundary II 4-29-8-17 (Proposed Well)
 Pad Location: NWNW Sec. 29, T8S, R17E, S.L.B.&M.



Tri-State
 Land Surveying Inc.
 (435) 781-2501

180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000

DRAWN BY: mw

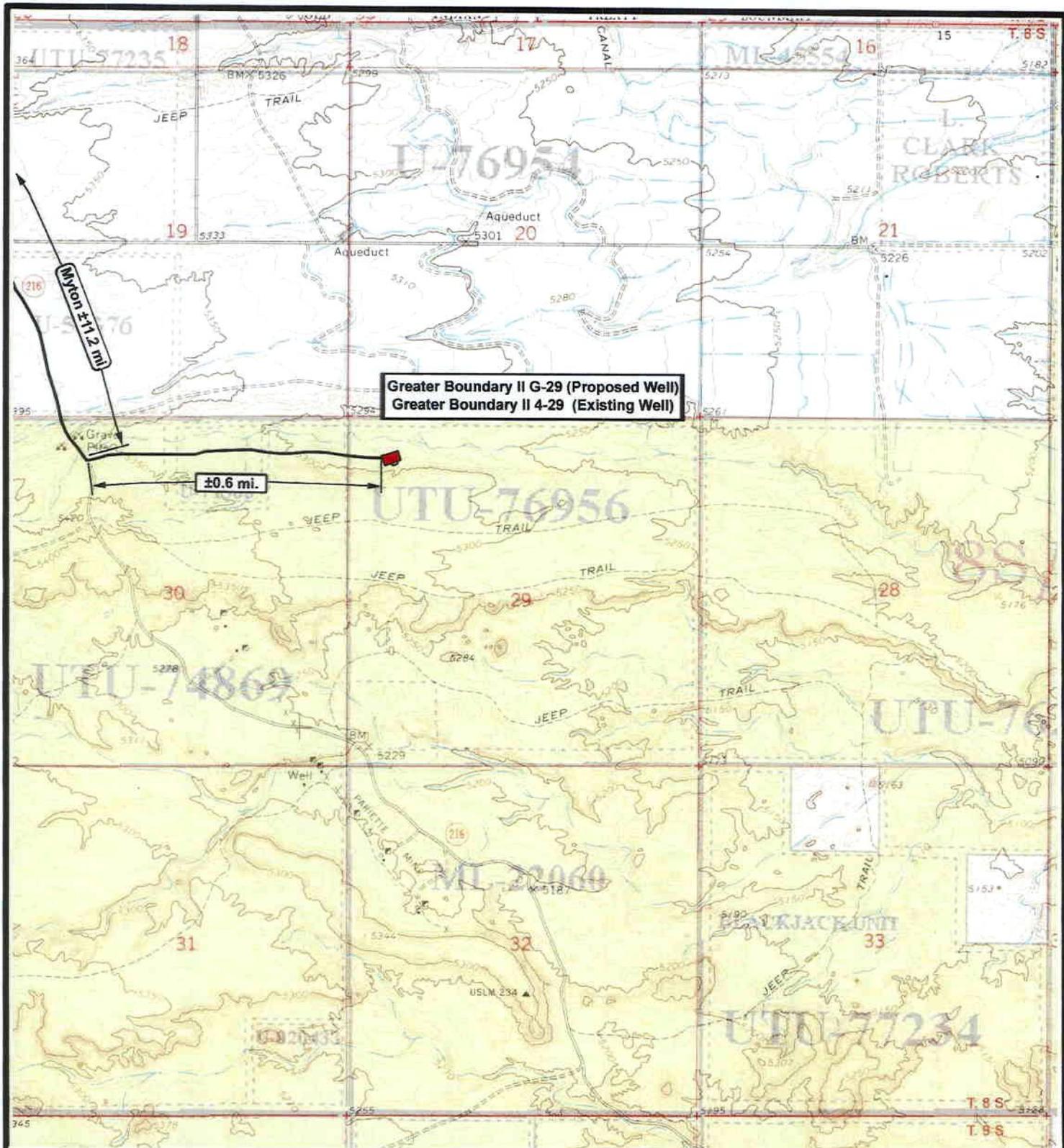
DATE: 10-04-2007

Legend

Existing Road

TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

Greater Boundary II G-29-8-17 (Proposed Well)
Greater Boundary II 4-29-8-17 (Proposed Well)
 Pad Location: NWNW Sec. 29, T8S, R17E, S.L.B.&M.



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

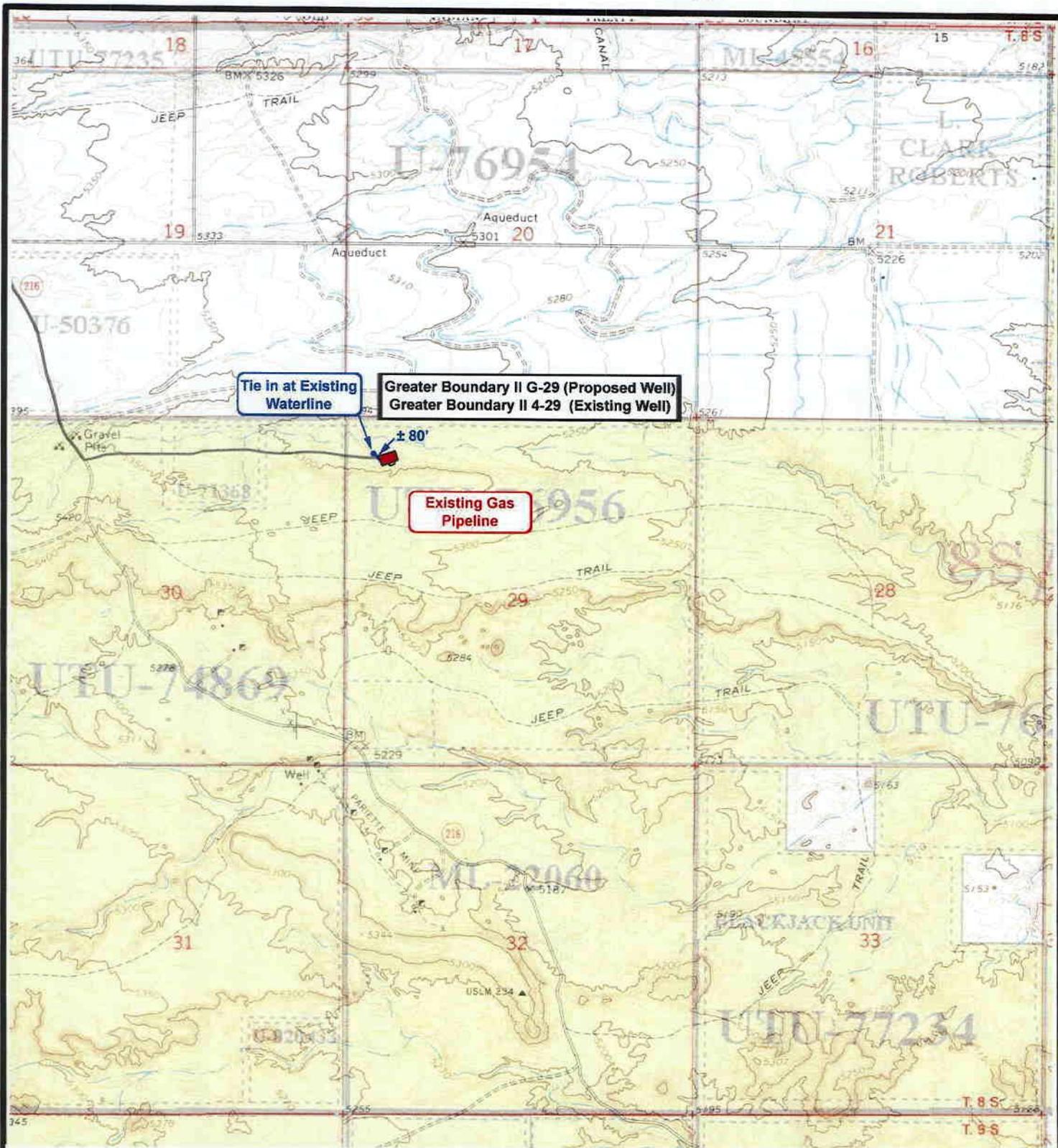
SCALE: 1" = 2,000'
 DRAWN BY: mw
 DATE: 10-04-2007

Legend

Existing Road

TOPOGRAPHIC MAP

"B"



Tie in at Existing Waterline

Greater Boundary II G-29 (Proposed Well)
Greater Boundary II 4-29 (Existing Well)

± 80'

Existing Gas Pipeline

NEWFIELD
Exploration Company

Greater Boundary II G-29-8-17 (Proposed Well)
Greater Boundary II 4-29-8-17 (Proposed Well)
Pad Location: NWNW Sec. 29, T8S, R17E, S.L.B.&M.



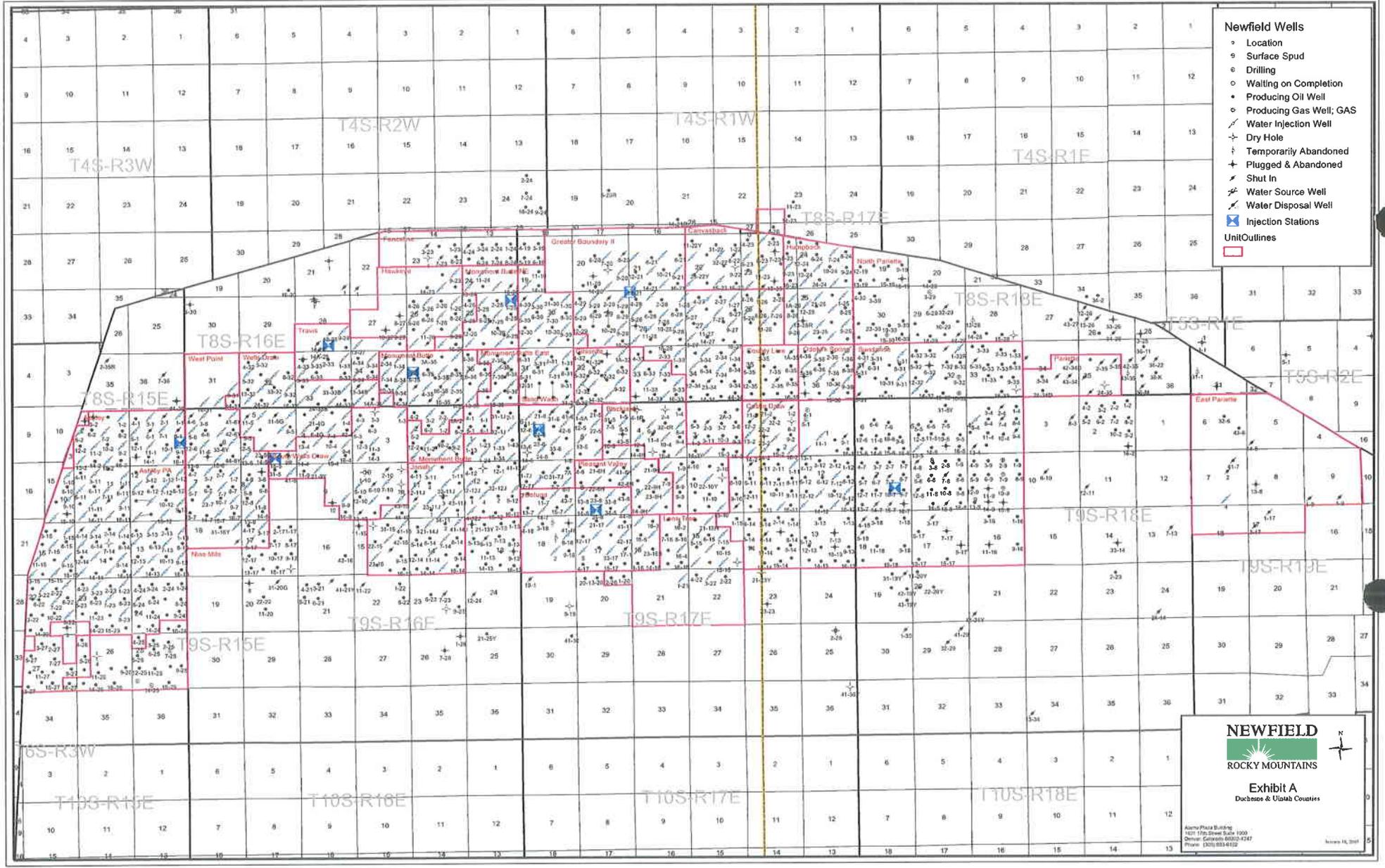
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 10-04-2007

Legend

- Roads
- Proposed Water Line

TOPOGRAPHIC MAP
"C"



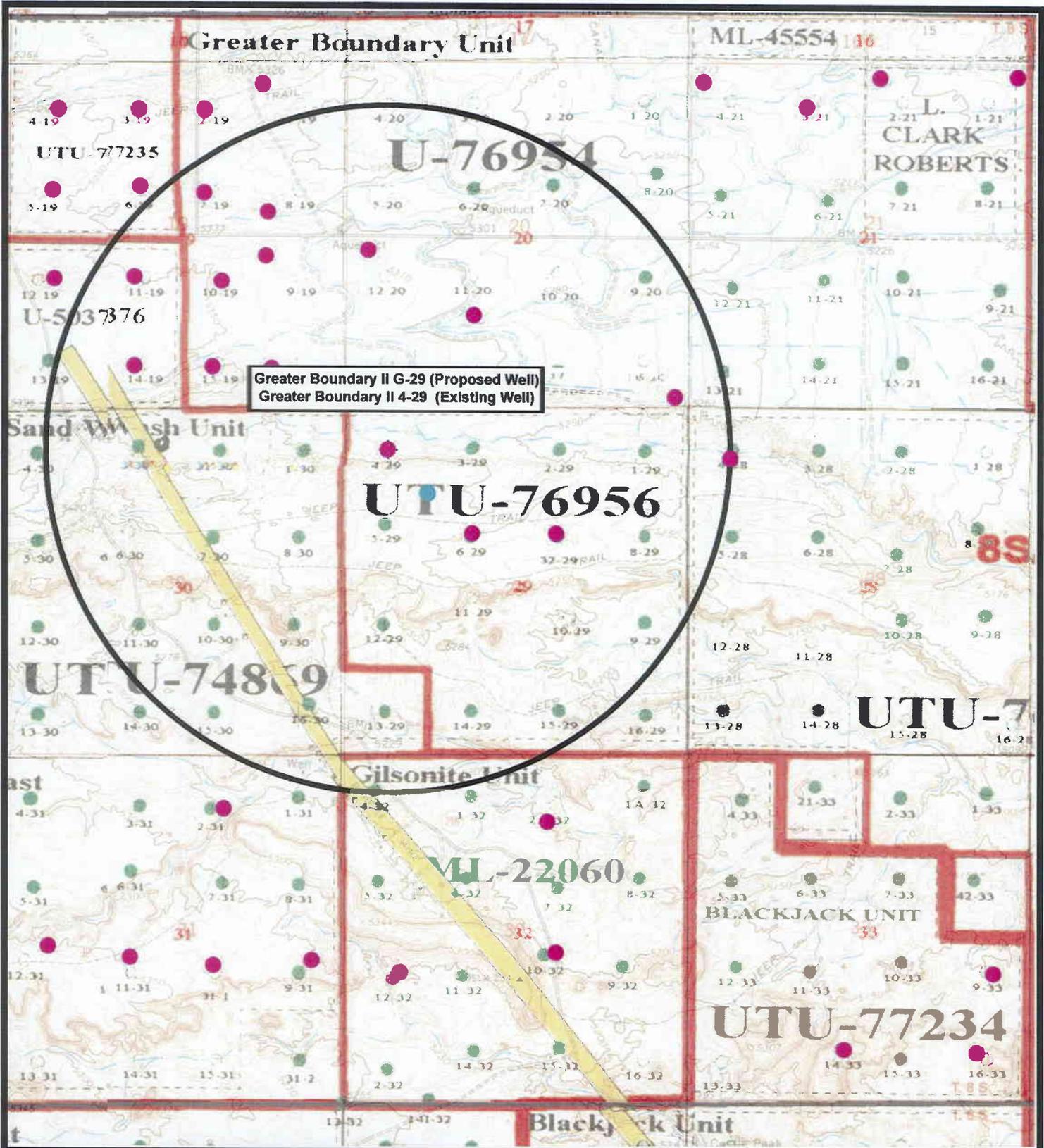
- Newfield Wells**
- Location
 - Surface Spud
 - Drilling
 - Waiting on Completion
 - Producing Oil Well
 - Producing Gas Well; GAS
 - Water Injection Well
 - Dry Hole
 - Temporarily Abandoned
 - Plugged & Abandoned
 - Shut In
 - Water Source Well
 - Water Disposal Well
 - ⊠ Injection Stations
 - Unit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

NEWFIELD
 ROCKY MOUNTAINS

Exhibit A
 Ducease & Upton Counties

Alpha Plaza Building
 4011 17th Street, Suite 1000
 Denver, Colorado 80202-4247
 Phone: (303) 853-4122

November 16, 2011



 **NEWFIELD**
Exploration Company

Greater Boundary II G-29-8-17 (Proposed Well)
Greater Boundary II 4-29-8-17 (Existing Well)
 Pad Location: NWNW SEC. 29, T8S, R17E, S.L.B.&M.



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

SCALE: 1" = 2,000'
 DRAWN BY: mww
 DATE: 10-04-2007

Legend

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

Exhibit "B"

2-M SYSTEM
Blowout Prevention Equipment Systems

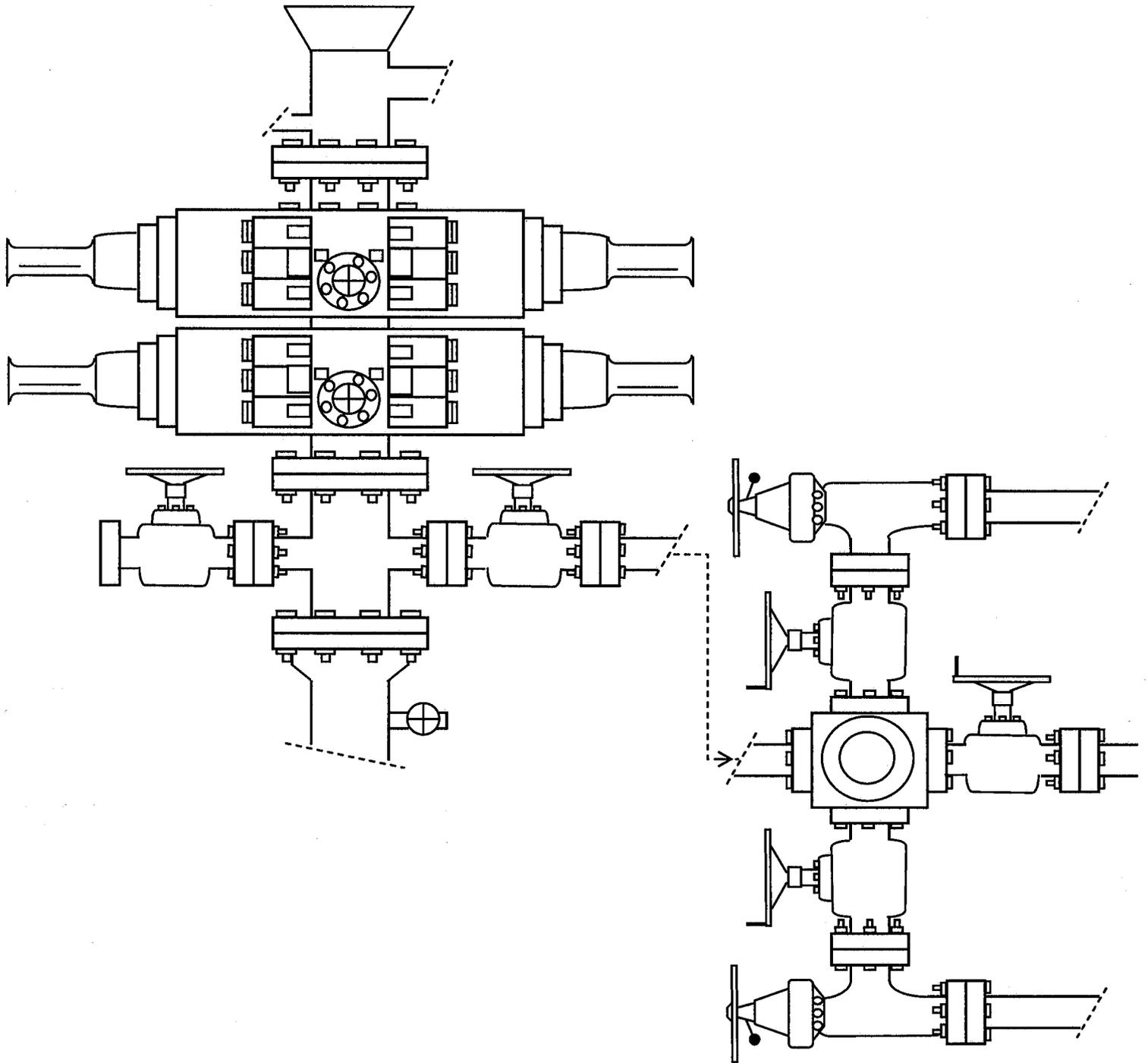


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S TEN PROPOSED
WATERLINES: GB II G-29-8-17, GB II K-28-8-17,
GB II I-27-8-17, JU L-14-9-16, JU M-14-9-16,
SW Q-31-8-17, MB F-36-8-16, WD I-4-9-16,
PV Y-4-9-17, AND PV Q-9-9-17,
DUCHESNE AND UINTAH COUNTIES, UTAH

By:

Keith R. Montgomery

Prepared For:

Bureau of Land Management
Vernal Field Office
and
State of Utah
School and Institutional
Trust Lands Administration

Prepared Under Contract With:

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

Prepared By:

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

MOAC Report No. 07-350

October 23, 2007

United States Department of Interior (FLPMA)
Permit No. 07-UT-60122

State of Utah Public Lands Policy
Archaeological Survey Permit No. 117

State of Utah Antiquities Project (Survey)
Permit No. U-07-MQ-1251b,s

2 of 2

NEWFIELD EXPLORATION COMPANY

**PALEONTOLOGICAL SURVEY OF PROPOSED
GAS AND WATER PIPELINE TIE-INS**

14-9H-9-17 (SW 1/4, SW 1/4, Sec. 9, T 9 S, R 17 E); 14-4H-9-17
(SW 1/4, SW 1/4, Sec. 4, T 9 S, R 17 E); II 8-28-8-17 (SE 1/4, NE 1/4, Sec. 28, T 8 S, R 17E);
II 8-27-8-17 (SE 1/4, NE 1/4, Sec. 27, T 8 S, R 17 E); 4-29-8-17 (NW 1/4, NW 1/4, Sec. 29,
T 8 S, R 17 E); 12-31-8-17 (NW 1/4, SW 1/4, Sec. 31, T 8 S, R 17 E); 8-14-9-16 (SE 1/4, NE
1/4, Sec. 14, T 9 s, R 16 E); 6-14-9-16 (SE 1/4, NW 1/4, Sec. 14, T 9 S, R 16 E); 42-4G-9-16
(SE 1/4, NE 1/4, Sec. 4, T 9 S, R 16 E)

Duchesne County, Utah

REPORT OF SURVEY

Prepared for:

Newfield Exploration Company

Prepared by:

Wade E. Miller
October 30, 2007

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/20/2007

API NO. ASSIGNED: 43-013-33816

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

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWNW 29 080S 170E
 SURFACE: 0642 FNL 0672 FWL
 BOTTOM: 1323 FNL 1326 FWL
 COUNTY: DUCHESNE
 LATITUDE: 40.09444 LONGITUDE: -110.0367
 UTM SURF EASTINGS: 582119 NORTHINGS: 4438474
 FIELD NAME: MONUMENT BUTTE (105)

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

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

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WYB000493)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-10136)
- RDCC Review (Y/N)
(Date:)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

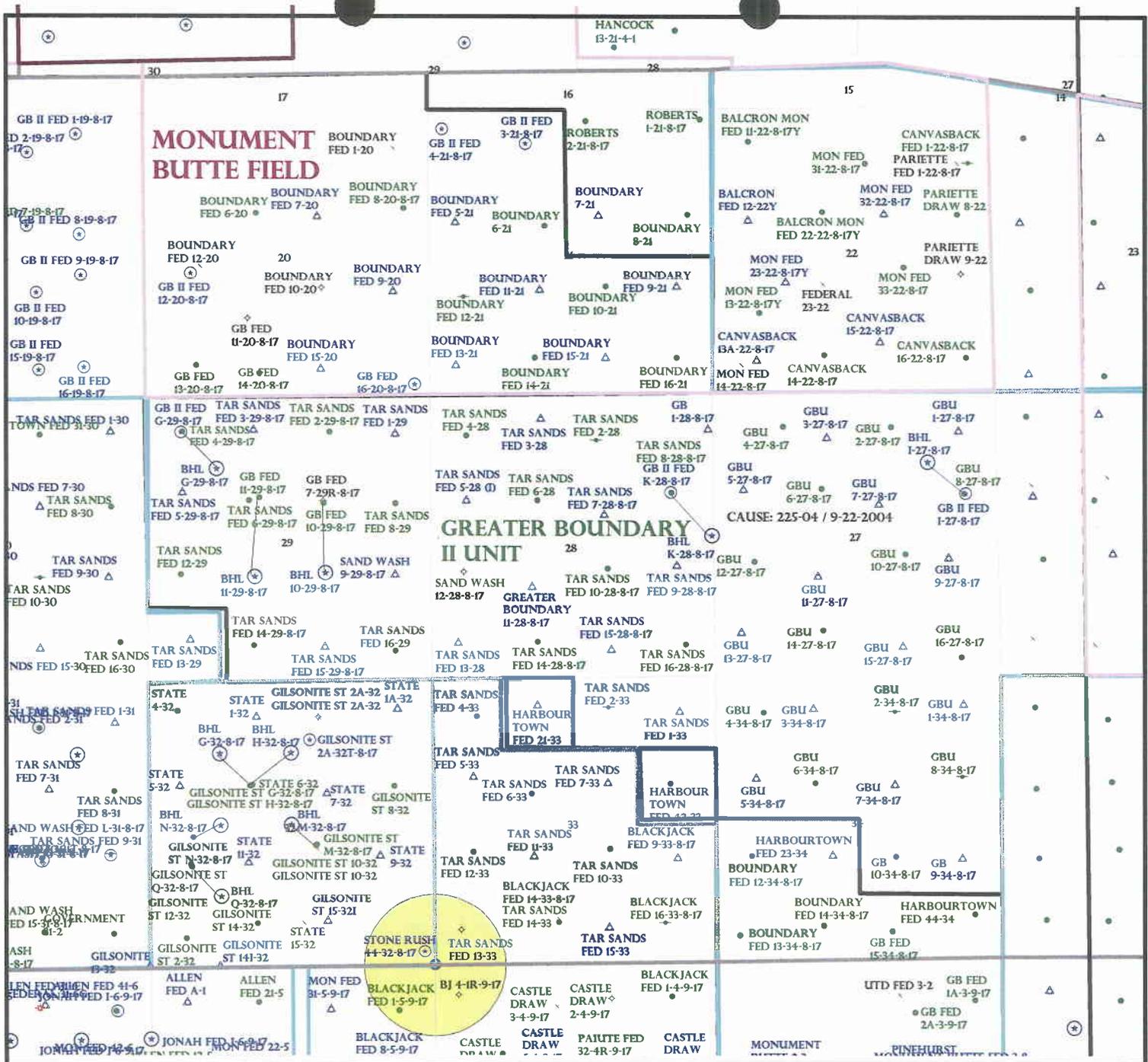
- R649-2-3.
- Unit: GREATER BOUNDARY II (GR)
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 225-04
Eff Date: 9-22-04
Siting: Suspends General Siting
- R649-3-11. Directional Drill

COMMENTS:

SOP, Sprints file

STIPULATIONS:

1- Federal Approval



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 27,28,29 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



OIL, GAS & MINING



PREPARED BY: DIANA MASON
DATE: 28-NOVEMBER-2007

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)

November 29, 2007

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2007 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 2007 within the Greater Boundary Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-33814	GB II FED I-27-8-17	Sec 27 T08S R17E 1906 FNL 0616 FEL BHL Sec 27 T08S R17E 1323 FNL 1318 FEL
43-013-33815	GB II FED K-28-8-17	Sec 28 T08S R17E 1853 FNL 0807 FEL BHL Sec 28 T08S R17E 2640 FNL 0000 FEL
43-013-33816	GB II FED G-29-8-17	Sec 29 T08S R17E 0642 FNL 0672 FWL BHL Sec 29 T08S R17E 1323 FNL 1326 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:11-29-07



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

November 29, 2007

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

Re: Greater Boundary II Federal G-29-8-17 Well, Surface Location 642' FNL, 672' FWL, NW NW, Sec. 29, T. 8 South, R. 17 East, Bottom Location 1323' FNL, 1326' FWL, NW NW, Sec. 29, T. 8 South, R. 17 East, Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33816.

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 G-29-8-17
API Number: 43-013-33816
Lease: UTU-76956

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

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

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

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

3. Reporting Requirements

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

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

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

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-76956

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. G-29-8-17

9. API Well No.
43-013-33816

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)
642 FNL 672 FWL NW/NW Section 29, T8S R17E

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Permit Extension
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. This APD has not yet been approved by the BLM.

Approved by the
Utah Division of
Oil, Gas and Mining

COPY SENT TO OPERATOR

Date: 10/30/2008
Initials: VS

Date: 10/30/08
By: [Signature]

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

Signed [Signature] Title Regulatory Specialist Date 10/27/2008
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

Title 18 U.S.C. Section 1001, makes 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.

RECEIVED

OCT 29 2008

DIV. OF OIL, GAS & MINING

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

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

API: 43-013-33816
Well Name: Greater Boundary II Federal G-29-8-17
Location: NW/NW Section 29, T8S R17E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 11/29/2007

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

Mandi Curtis
Signature

10/27/2008
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

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

RECEIVED
VERNAL FIELD OFFICE

NOV 20 2007

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-76956
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name 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 G-29-8-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33816
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/NW 642' FNL 672' FWL At proposed prod. zone 1384' FNL 1597' FWL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 11.8 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 29, T8S R17E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1384' f/lse, 1597' f/unit	16. No. of Acres in lease 600.00	17. Spacing Unit dedicated to this well 20 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1329'	19. Proposed Depth 6550'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5287' 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.
- 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).
- 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 2/14/08
Title Regulatory Specialist		

Approved by (Signature) 	Name (Printed/Typed) JEAN KOVACS	NOV 06 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)

RECEIVED
NOV 17 2008

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING



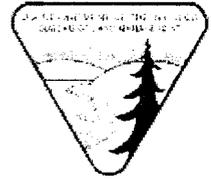


**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE**

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	Newfield Production Company	Location:	NWNW, Sec. 29, T8S, R17E
Well No:	Greater Boundary II Federal G-29-8-17	Lease No:	UTU-76956
API No:	43-013-33816	Agreement:	Greater Boundary (GR) 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:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

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.

STIPULATIONS:

- The proposed area contains Mountain plover habitat. With this occurrence there will be a timing restriction during project activity (construction and drilling) to minimize disturbance to **Mountain plover nesting from May 15 – June 15.**

Lease Notices (field review and RMP):

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

Comments:

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

Follow-up Actions and/or Recommendations:

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

Based on the previous field exam and existing data, and if all timing restrictions are adhered to then, it is my opinion that a no effect situation exists for Special Status Wildlife Species with the construction and drilling of this proposed drill site. Therefore, this site is cleared from a Special Status Wildlife Species perspective.

CONDITIONS OF APPROVAL:

- **Avoid NRHP cultural sites: 42DC391, 42DC2298.**
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.

- **All pipelines (surface and buried) will be laid within one 50' wide construction ROW, on one side of the road, and will reduce down to a 30' wide permanent ROW on lease.**
- **A temporary road ROW will not be granted. The road ROW will be 30 foot for construction and will reduce to an 18 foot running surface.**
- The access road will be crowned and ditched. Flat-bladed roads are not allowed. All roads will have an 18', crowned (2 to 3% minimum), running surface. All roads will have drainage ditches along both sides of road.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- To insure impermeability, the reserve pit will be lined with a 16 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- Any hydrocarbons in the reserve pit will be removed **immediately** upon well completion; in accordance with 43 CFR 3162.7-1. Pits must be free of oil and other liquid and solid wastes prior to filling.
- Monument Butte SOP, Section 9.2 - Pit Fencing Minimum Standards - will be strictly adhered to. To include 9.2.2.3 - Corner posts will be cemented and/or braced in such a manner as to keep fence tight at all times.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, a detailed Interim and Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. If Reclamation Plan is acceptable, the AO will provide written approval or concurrence within 30 calendar days of receipt.

• **Interim Reclamation:**

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

Seed mix:

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

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

• **Final reclamation:**

Once the location is plugged and abandoned, the well location, access, and any disturbed areas shall be recontoured to natural topography, topsoil shall be respread, and the entire location shall be seeded following guidelines in the seed mix bullet statement above. Final seed mix: same as interim.

- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- The 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:

- None.

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

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

making the report (along with a telephone number) should the BLM need to obtain additional information.

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

OPERATING REQUIREMENT REMINDERS:

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

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

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

Spud
BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig
Name/# Ross #21 Submitted By Alvin
Nielsen Phone Number 435-823-
7468
Well Name/Number Greater Boundary II Fed G-29-8-
17
Qtr/Qtr NW/NW Section 29 Township 8S
Range 17E
Lease Serial Number UTU
76956
API Number 43-013-
33816

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

Date/Time 1/20/09 9:00 AM
PM

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

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

Date/Time 1/20/09 2:00 AM PM

BOPE

Initial BOPE test at surface casing point

- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

Date/Time 1/20/09 9:00 AM
PM

Remarks Ross Rig # 21 spud the Greater Boundary II Federal on 1/20/09 @ 9:00 AM & Run casing around 2:00 PM 1/20/09.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
435.646.3721

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

642 FNL 672 FWL

NWNW Section 29 T8S R17E

5. Lease Serial No.

USA UTU-76956

6. If Indian, Allottee or Tribe Name

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

GREATER BOUNDARY II

8. Well Name and No. 6-29-8-17

GREATER BOUNDARY II FEDERAL

9. API Well No.

4301333816

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

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

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

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

On 1/20/09 MIRU Ross # 21. Spud well @ 1:00pm. Drill 303' of 12 1/4" hole with air mist. TIH W/ 8 Jt's 8 5/8" J-55 24 # csgn. Set @ 312.75' On 1/23/09 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 4 bbls cement to pit. WOC.

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

Don Bastian

Signature

Don Bastian

Title

Drilling Foreman

Date

01/26/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Title

Office

Date

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

(Instructions on page 2)

RECEIVED

FEB 02 2009

DIV. OF OIL, GAS & MINING

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

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

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				SPUD DATE	EFFECTIVE DATE	
					GD	SC	TP	RS			COUNTY
A	99999	17268	4304739198	OSMOND-MEYER 14-28-4-1E	SESW	28	4S	1E	UINTAH	1/29/2009	1/29/09
WELL 4 COMMENTS: <u>GRRV</u>											
B	99999	12391	4301333601	GREATER BOUNDARY II FEDERAL 3-21-8-17	NENW	21	6S	17E	DUCHESNE	1/16/2009	1/29/09
WELL 3 COMMENTS: <u>GRRV</u>											
B	99999	12391	4301333816	GREATER BOUNDARY II FEDERAL G-28-8-17	NWNW	29	8S	17E	DUCHESNE	1/20/2009	1/29/09
WELL 2 COMMENTS: <u>GRRV</u> <u>BHL = NWNW</u>											
A	99999	17269	4304740258	OSMOND-MEYER 12-28-4-1E	NWSW	28	4S	1E	UINTAH	1/15/2009	1/29/09
WELL 1 COMMENTS: <u>GRRV</u>											
A	99999	17270	4304740260	OSMOND-MEYER 10-28-4-1E	NWSE	28	4S	1E	UINTAH	1/22/2009	1/29/09
WELL 5 COMMENTS: <u>GRRV</u>											
B	99999	12391	4301333815	GREATER BOUNDARY FEDERAL K-28-8-17	SENE	28	8S	17E	DUCHESNE	1/23/2009	1/29/09
WELL 6 COMMENTS: <u>GRRV</u> <u>BHL = SENE</u>											

RECEIVED

JAN 26 2009

DIV. OF OIL, GAS & MINING

- ACTION CODES (See instructions on back of form)
- A - interest only for new well (single well only)
 - B - well to existing well (group or unit well)
 - C - loss one existing well to another existing well
 - D - well from one existing well to a new well
 - E - shut (operator) in extraordinary action

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

Signature: [Handwritten Signature]
 Production Clerk
 Date: 1/26/09
 8404000

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address

Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)

435.646.3721

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

642 FNL 672 FWL

NWNW Section 29 T8S R17E

5. Lease Serial No.

USA UTU-76956

6. If Indian, Allottee or Tribe Name.

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

GREATER BOUNDARY II

8. Well Name and No.

GREATER BOUNDARY II FEDERAL G-29-8-17

9. API Well No.

4301333816

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

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

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

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

On 1/29/09 MIRU NDSI Rig # 2. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 275'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6,601' & a TVD of 6475'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 165 jt's of 5.5 J-55, 15.5# csgn. Set @ 6580.56/ KB. Cement with 275 sks cement mixed @ 11.0 ppg & 3.49 yld. Then 475 sks cement mixed @ 14.4 ppg & 1.24 yld. With 35 bbls cement returned to pit. Nipple down Bop's. Drop slips @76,000 #'s tension. Release rig 6:00 AM 2/5/09.

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

Alvin Nielsen

Signature



Title

Drilling Foreman

Date

02/05/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Title

Office

Date

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

RECEIVED

FEB 10 2009

(Instructions on page 2)

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET @ 6580.56

LAST CASING: 8-5/8" SET @ 312.75
 DATUM (KB) 12
 DATUM TO CUT OFF CASING 12
 DATUM TO BRADENHEAD FLANGE 12
 DRILLER TD 6601' LOGGER TD 6596'
 HOLE SIZE 7-7/8" TOP FLOAT COLLAR @ 6541.90
 TOP SHORT JT @ 4374.05

OPERATOR: Newfield Production Company
 WELL: GBII Federal G-29-8-17
 FIELD/PROSPECT: Monument Butte
 CONTRACTOR & RIG #: NDSI # 2

TVD=6475'

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
1		Landing Jt	15.5#	J-55	8rd	A	14
165	5 1/2"	LT&C CASING	15.5#	J-55	8rd	A	6529.90
1	5 1/2"	FLOAT COLLAR	-	-	-	A	0.6
1	5 1/2"	LT&C CASING	15.5#	J-55	8rd	A	37.41
1	5 1/2"	GUIDE SHOE					0.65

CASING INVENTORY BAL.	FEET	JTS
TOTAL LENGTH OF STRING	6582.56	166
LESS NON CSG. ITEMS	15.25	-
PLUS FULL JTS. LEFT OUT	204.56	5
TOTAL	6771.87	171
TOTAL CSG. DEL. (W/O THRDS)	6771.87	171

TOTAL LENGTH OF STRING	6582.56
(-) LANDING JT	14
(-) AMOUNT CUTOFF	0
(+) KB ELEVATION	12
CASING SET DEPTH	6580.56

COMPARE (SHOULD BE EQUAL)

CEMENT DATA	TIME	DATE
BEGIN RUN CSG.	8:30 PM	2/4/2009
CSG. IN HOLE	12:30 AM	2/5/2009
BEGIN CIRC	12:30 AM	2/5/2009
BEGIN PUMP CMT	2:47 AM	2/5/2009
BEGIN DSPL. CMT	3:50 AM	2/5/2009
PLUG DOWN	4:14 AM	2/5/2009

GOOD CIRC THRU JOB: Yes
 Bbls CMT CIRC TO SURFACE: 35
 RECIPROCATED PIPE: No
 DID BACK PRES. VALVE HOLD ? Yes
 BUMPED PLUG TO: 2384 PSI

CEMENT USED

CEMENT COMPANY:	BJ	
STAGE	# SX	CEMENT TYPE & ADDITIVES
1 (lead)	275	Flake + 2 lbs/sack Kol Seal + 0.002 gps FP-6L + 10% bwoc Bentonite + 0.5% bwoc Sodium Metasilicate + 5 lbs/sack CSE-2 + 204.7% Fresh Water
2 (tail)	475	(50:50) Poz (Fly Ash): Class G Cement + 0.05 lbs/sack Static Free + 3% bwow Potassium Chloride + 0.5% bwoc EC-1 + 0.25 lbs/sack Cello Flake + 0.002 gps FP-6L + 2% bwoc Bentonite + 0.3% bwoc Sodium Metasilicate + 54.7% Fresh Water

CENTRALIZER & SCRATCHER PLACEMENT (SHOW MAKE & SPACING)

Centralizers - Middle first, top second & third. Then every third collar for a total of 20.

COMPANY REPRESENTATIVE Alvin Nielsen

DATE 2/5/2009

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:
GREATER BOUNDARY II

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
GREATER BOUNDARY II FEDERAL *5-29-8-17*

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301333816

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:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: **642 FNL 672 FWL**

COUNTY: **DUCHESNE**

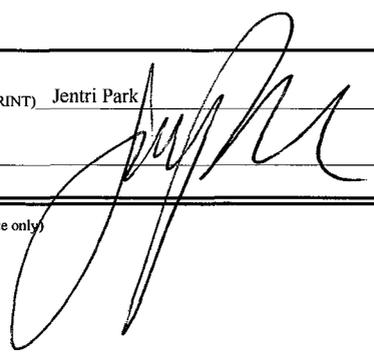
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: **NWNW, 29, T8S, R17E**

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: 05/08/2009	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
The above subject well was completed on 03-27-09, attached is a daily completion status report.

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

(This space for State use only)

RECEIVED
MAY 12 2009
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

GRTR BNDRY II G-29-8-17

1/1/2009 To 5/30/2009

3/13/2009 Day: 1

Completion

Rigless on 3/13/2009 - CBL/Perforate 1st stage.- Instal 5M frac head & Cameron 5M BOP's. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6474' & cement top @ 46'. Perforate Stg #1, CP3 sds @ 6275-6282' w/ 3-1/8" Slick Guns (19 gram, .49"EH, 120°) w/ 4 spf for total of 28 shots. 155 bbbls EWTR. SIFN.

3/18/2009 Day: 2

Completion

Rigless on 3/18/2009 - Frac well.- RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug 17' perf gun. Tagged sand @ 5657'. POOH w/ wireline. RU BJ Services. Attempt to pump sand into perfs. Pumped 2.3 bbbls. RIH w/ wireline. Tagged sand @ 5663'. POOH w/ wireline. Open well to pit for flowback. Well flowed for 45 min. & died. RD BJ Services & The Perforators wireline truck & crane. SWIFN.

3/18/2009 Day: 2

Completion

Rigless on 3/18/2009 - Frac well.- RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug 17' perf gun. Set plug @ 5820'. Perforate CP1 sds @ 5733-50' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 68 shots. RU BJ Services. 1414 psi on well. Broke @ 1644 psi. ISIP @ 1389 psi. .68 FG. 1 min @ 1338 psi, 4 min @ 1297 psi. Frac CP1 sds w/ 130,926#'s of 20/40 sand in 956 bbbls of Lightning 17 fluid. Treated w/ ave pressure of 1724 psi w/ ave rate of 24.8 BPM. ISIP 2069 psi, 5 min @ 1915 psi, 10 min @ 1816 psi, 15 min @ 1714 psi. Leave pressure on well. 1419 BWTR.

3/18/2009 Day: 2

Completion

Rigless on 3/18/2009 - Frac well.- RU BJ Services. 125 psi on well. Broke @ 2579 psi. ISIP @ 1593 psi. .69 FG. 1 min @ 1287 psi, 4 min @ 1094 psi. Frac CP3 sds w/ 15,958#'s of 20/40 sand in 308 bbbls of Lightning 17 fluid. Treated w/ ave pressure of 2628 psi w/ ave rate of 24.8 BPM. ISIP 2104 psi, 5 min @ 1979 psi, 10 min @ 1939 psi, 15 min @ 1897 psi. Leave pressure on well. 463 BWTR.

3/20/2009 Day: 4

Completion

Western #3 on 3/20/2009 - Frac stage #3 A1 sds. Screenout w/ 20 bbbls of flush remaining. SWI for 30 min. to allow gel to break. Not enough pressure to flow back. RIH w/ WL & frac crew. TIH clean out 397' of sand. TIH w/ tbg.- Move rig from Fed 4-8-9-18. MIRU. ND Cameron 5K BOP. NU 5K Shaffer BOP's. PU & RIH w/ NC, 2-7/8" J-55 6.5# EUE 8rd tubing. Tag fill @ 5670'. Clean out 150' of fill to plug #1 @ 5820'. Circulate well clean w/ fresh water & KCl. TOOW w/ 189 jts. ND 5K shaffer BOP's. NU 5K frac BOP's. RU perforators LLC wireline. RIH and set plug #2 CFTP @ 5684'. Perforate stage 3. A1 sds (5654-5664'). RD wireline. SWIFN. 1419 BWTR

3/20/2009 Day: 4

Completion

Western #3 on 3/20/2009 - Frac stage #3 A1 sds. Screenout w/ 20 bbbls of flush remaining. SWI for 30 min. to allow gel to break. Not enough pressure to flow back. RIH w/ WL & frac

- crew. TIH clean out 397' of sand. TIH w/ tbg.- Stage #3, A1 sands. RU BJ frac crew and Perforators Wireline. 0 psi on well. Broke @ 2252 psi. Shut down for diagnostic test. Pre-frac ISIP = 1435 psi. Pre-frac frac gradient = .69 psi/ft. Frac A1 w/ 61,033 #'s of 20/40 sand in 254.3 bbls of Lightning 17 fluid. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Dropped rate to spot acid and caught pressure after pumping acid and increasing rate. Screenout w/ 20 bbls of flush remaining. 6.5 ppg was the sand concentration on the perfs at screen out. We got ~ 54,000#'s of sand into the formation. Treated w/ ave pressure of 2338 psi @ ave rate of 25.1 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. Flow well back 7 min. @ 4 BPM in order to tighten BOP flange. Shut well in for 30 min. to allow gel to break. Attempt to flow back well. Well flowing ~ 1 BPM with an open choke. RIH w/ / Weatherford 5-1/2" 5K composite flow through frac plug & 6' perf gun. Set plug #3 @ 5320' . Perforate stage #4 D2 sds 5234-5240' w/ 3-1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331) w/ 4 spf for total of 24 shots. Leave pressure on well. RU BJ frac crew. Attempt to breakdown D2 perfs for 30 min. Unsuccessful. RIH w/ acid bailer on WL. Tag fill @ 4919' (315' above top perf). Dump bail acid @ 4919'. Attempt to flowback well. Well dead. RD wireline and frac crew. ND frac BOP's. NU 5k BOP's. TIH w/ NC & 2-7/8" J-55 tbg. Tag fill @ 4910. Clean out 397' of sand to 5307'. Circulate well clean w/ fresh water & KCl. TOOH w/ 172 jts. ND down 5k BOP's NU frac BOP's. 973 BWTR.

3/20/2009 Day: 3**Completion**

Western #3 on 3/20/2009 - MIRU WWS #3. Clean out sand on top of plug #1. RU Wireline. RIH and set plug #2 CFTP @ 5684'. Perforate stage 3. A1 sds (5654-5664'). RD wireline. Ready for frac crew in morning- Stage #3, A1 sands. RU BJ frac crew and Perforators Wireline. 0 psi on well. Broke @ 2252 psi. Shut down for diagnostic test. Pre-frac ISIP = 1435 psi. Pre-frac frac gradient = .69 psi/ft. Frac A1 w/ 61,033 #'s of 20/40 sand in 254.3 bbls of Lightning 17 fluid. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Dropped rate to spot acid and caught pressure after pumping acid and increasing rate. Screenout w/ 20 bbls of flush remaining. 6.5 ppg was the sand concentration on the perfs at screen out. We got ~ 54,000#'s of sand into the formation. Treated w/ ave pressure of 2338 psi @ ave rate of 25.1 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. Flow well back 7 min. @ 4 BPM in order to tighten BOP flange. Shut well in for 30 min. to allow gel to break. Attempt to flow back well. Well flowing ~ 1 BPM with an open choke. RIH w/ / Weatherford 5-1/2" 5K composite flow through frac plug & 6' perf gun. Set plug #3 @ 5320' . Perforate stage #4 D2 sds 5234-5240' w/ 3-1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331) w/ 4 spf for total of 24 shots. Leave pressure on well. RU BJ frac crew. Attempt to breakdown D2 perfs for 30 min. Unsuccessful. RIH w/ acid bailer on WL. Tag fill @ 4919' (315' above top perf). Dump bail acid @ 4919'. Attempt to flowback well. Well dead. RD wireline and frac crew. ND frac BOP's. NU 5k BOP's. TIH w/ NC & 2-7/8" J-55 tbg. Tag fill @ 4910. Clean out 397' of sand to 5307'. Circulate well clean w/ fresh water & KCl. TOOH w/ 172 jts. ND down 5k BOP's NU frac BOP's. 973 BWTR.

3/20/2009 Day: 3**Completion**

Western #3 on 3/20/2009 - MIRU WWS #3. Clean out sand on top of plug #1. RU Wireline. RIH and set plug #2 CFTP @ 5684'. Perforate stage 3. A1 sds (5654-5664'). RD wireline. Ready for frac crew in morning- Move rig from Fed 4-8-9-18. MIRU. ND Cameron 5K BOP. NU 5K Shaffer BOP's. PU & RIH w/ NC, 2-7/8" J-55 6.5# EUE 8rd tubing. Tag fill @ 5670'. Clean out 150' of fill to plug #1 @ 5820'. Circulate well clean w/ fresh water & KCl. TOOW w/ 189 jts. ND 5K shaffer BOP's. NU 5K frac BOP's. RU perforators LLC wireline. RIH and set plug #2 CFTP @ 5684'. Perforate stage 3. A1 sds (5654-5664'). RD wireline. SWIFN. 1419 BWTR

3/23/2009 Day: 5**Completion**

Western #3 on 3/23/2009 - Frac Stage #4, D2 sands & Stage #5, GB4 sands. Flowback well. Recovered ~ 252 bbls during flowback. Drill out Plug #1.- Stage #5, GB4 sands. RU

Perforators WLT. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 7' perf gun. Set plug @ 4725'. Perforate GB4 sds @ 4653-4660' w/ 3-1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331) w/ 4 spf for total of 28 shots. RU BJ Services. 990 psi on well. Pumped 5 bbl diagnostic test and shut down. Broke @ 2118 psi. Pre-frac ISIP = 1840 psi. Pre-frac frac gradient = .83 psi/ft. Frac GB4 sds w/ 40,742 #'s of 20/40 sand in 195.3 bbls of Lightning 17 fluid. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2287 psi @ ave rate of 24.5 BPM. ISDP 2119 psi. 5 min SI = 1943, 10 min SI = 1879, 15 min SI = 1840. Flow well back @ ~ 3 bpm for 1.4 Hours. Recovered ~ 252 Bbls. ND frac head and frac BOP's. NU production head and 5K BOP's. MU & RIH w/ used 4-3/4" chomp bit on 2-7/8" J-55 6.5 # EUE 8 rd tubing. TIH to 3945' circulate well clean of sand. Cont. TIH & tag fill @ 4502'. RU power swivel and clean out 223' of sand to plug #1 @ 4725'. Drill out plug in 15 min. Circulate well clean. SWIFN. 1688 BWTR

3/23/2009 Day: 5

Completion

Western #3 on 3/23/2009 - Frac Stage #4, D2 sands & Stage #5, GB4 sands. Flowback well. Recovered ~ 252 bbls during flowback. Drill out Plug #1.- Stage #4, D2 sands. RU BJ Services. 36 bbls to fill csg and frac lines. 0 psi on well. Pumped 2 bbl diagnostic test and shut down. Broke @ 1149 psi. Pre-frac ISIP = 976 psi. Pre-frac frac gradient = .62 psi/ft. Frac D2 w/ 55138 #'s of 20/40 sand in 238.7 bbls of Lightning 17 fluid. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1809 psi @ ave rate of 24.6 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISDP 1955 psi. Leave pressure on well. 1512 BWTR

3/25/2009 Day: 6

Completion

Western #3 on 3/25/2009 - Drill out 3 CFTP's. Clean out to PBSD @ 6524'. RU swab equipment- Check pressure on well. 300 psi on tbg & 300 psi on csg. Cont. TIH and tag fill @ 5208'. Clean out 112' of sand to plug #2 @ 5320'. Drill out plug in 14 min. Cont TIH & Tag fill @ 5527' clean out 157' of sand to Plug #3 @ 5684'. Drill out plug in 17 min. Cont TIH & Tag fill @ 5800'. Clean out 20' of sand to plug #4 @ 5820'. Drill out plug in 18 min. Cont. TIH & tag fill @ 6140'. Clean out to PBSD @ 6524'. Circulate well clean. LD 2 jts. EOT @ 6447'. RU swab equipment. Lost 180 bbls today. 1868 BWTR. SWIFN

3/26/2009 Day: 7

Completion

Western #3 on 3/26/2009 - Swab back 220 bbls. Clean out to PBSD @ 6524'. TOOH LD chomp bit. RIH w/ production tbg.- Check pressure on well. Tbg and csg on vacuum. Rig up swab equipment. SFL @ 900'. Make 19 swab runs. Swab back 220 bbls until no sand & trace of oil. FFL 2100'. PU & TIH to 6500'. Clean out 24' of fill to PBSD @ 6524'. Circulate well clean. LD extra tbg. TOOH. LD 4-3/4" chomp bit. PU & TIH w/ BHA & tbg as follows: NC, 2 jts 2-7/8" J-55 6.5# eue 8 rd, PSN, 2 jts, TAC, 202 jts. Try to pre-set TAC w/ tongs. Would not set. Plan to flush well w/ hotoiler in morning. Windy conditions slowed operations. 1688 BWTR. SWIFN

3/27/2009 Day: 8

Completion

Western #3 on 3/27/2009 - Flush tbg w/ hot water. Set TAC. RIH w/ pump and rods. PWOP- Check pressure on well. Tbg dead. Csg had 50 psi. RU hot oiler. Pump 60 bbls down tbg @ 250 degrees. Work TAC unable to set. RU hot oiler. Pump 60 bbls @ 250 degrees. Pre-set TAC. ND BOP's. Set TAC w/ 19,000 #'s tension. Landed tbg w/ B-1 adapter flange. TAC @ 6239.42', PSN @ 6303.92', EOT @ 6367.51'. NU wellhead x-over. PU & Prime Central Hydraulic 2.5"-1.75" RHAC (16-4-17-20). Pump w/ 174" SL PU & TIH w/ A-grade tbg as follows: 21K 3/4" shear coupling, 4 x 1-1/2" weight bars, 247 x 7/8" guided rods (8 per), 1 x 8' & 1 x 2' 7/8" pony rods to space out, 1-1/2" x 30' polish rod. Seat pump. RU pumping unit. Fill tubing w/ 5 bbls. Hang rods on unit. Stroke test pump to 800 psi. test good. Start unit. RDMO. 1688 BWTR. **Finalized**

3/27/2009 Day: 8

Completion

Western #3 on 3/27/2009 - Flush tbg w/ hot water. Set TAC. RIH w/ pump and rods. PWOP- PWOP on 26 Mar 09 @ 5 pm. 5 SPM w/ 122" SL. FINAL REPORT **Finalized**

Pertinent Files: Go to File List

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU-76956

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
NA

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

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

8. Lease Name and Well No.
GB FEDERAL G-29-8-17

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

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

9. API Well No.
43-013-33816

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

10. Field and Pool or Exploratory
MONUMENT BUTTE

At surface 642' FNL & 672' FWL (NW/NW) SEC. 29, T8S, R17E

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

At top prod. interval reported below BHL: 1384' FNL & 1597' FWL (NW/NW)

12. County or Parish
DUCHESNE

13. State
UT

At total depth ~~6601~~ 1382 fml 1574 fwl per HSM review

14. Date Spudded
01/20/2009

15. Date T.D. Reached
02/04/2009

16. Date Completed 03/27/2009
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5287' GL 5299' KB

18. Total Depth: MD 6601'
TVD 6475'

19. Plug Back T.D.: MD 6474'
TVD 6349

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#		313'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#		6581'		275 PRIMLITE		46'	
						475 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@ 6367'	TA @ 6242'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER			(CP3) 6275-6282'	.49"	4	28
B) GREEN RIVER			(CP1) 5733-5750'	.49"	4	68
C) GREEN RIVER			(A1) 5654-5664'	.49"	4	72
D) GREEN RIVER			(D4) 5234-5240'	.49"	4	24

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

Depth Interval	Amount and Type of Material
6275-6282'	Frac w/ 15958# of 20/40 snd 308 bbls fluid
5733-5750'	Frac w/ 130926# 20/40 snd 956 bbls fluid
5654-5664'	Frac w/ 61033# 20/40 snd 254.3 bbls fluid
5234-5240'	Frac w/ 55138# 20/40 snd 238.7 bbls fluid

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
03/27/09	04/01/09	24	→	43	26	87			2-1/2" x 1-3/4" x 20' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

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

RECEIVED
MAY 07 2009

*(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	4127' 4328'
				GARDEN GULCH 2 POINT 3	4449' 4737'
				X MRKR Y MRKR	4974' 5009'
				DOUGALS CREEK MRK BI CARBONATE MRK	5140' 5388'
				B LIMESTON MRK CASTLE PEAK	5520' 6044'
				BASAL CARBONATE TOTAL DEPTH (LOGGERS)	6454' 6596'

32. Additional remarks (include plugging procedure):

(GB4) 4653-4660' .49" 4/28 4653-4660' Frac w/ 40742#'s of 20/40 sand in 195.3 bbls of fluid

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

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

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

Name (please print) Tammi Lee Title Production Clerk
 Signature *Tammi Lee* Date 04/29/2009

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



**Scientific
Drilling**

Directional Survey Certification

7327 West Barton Road
Casper, WY 82604
(307)-472-6621 Fax (307) 472-5439

Operator	<u>Newfield Exploration Co.</u>
Well Name & No.	<u>Greater Boundary II G-29-8-17</u>
County & State	<u>Duchesne County, UT</u>
SDI Job No.	<u>42DEF0901059</u>
Rig	<u>NDSI 2</u>

I, Julie Cruse, having personal knowledge of all the facts, hereby certify that the attached directional survey run from a measured depth of 383 feet to a measured depth of 6601 feet is true and correct as determined from all available records.



Signature

06-Feb-09

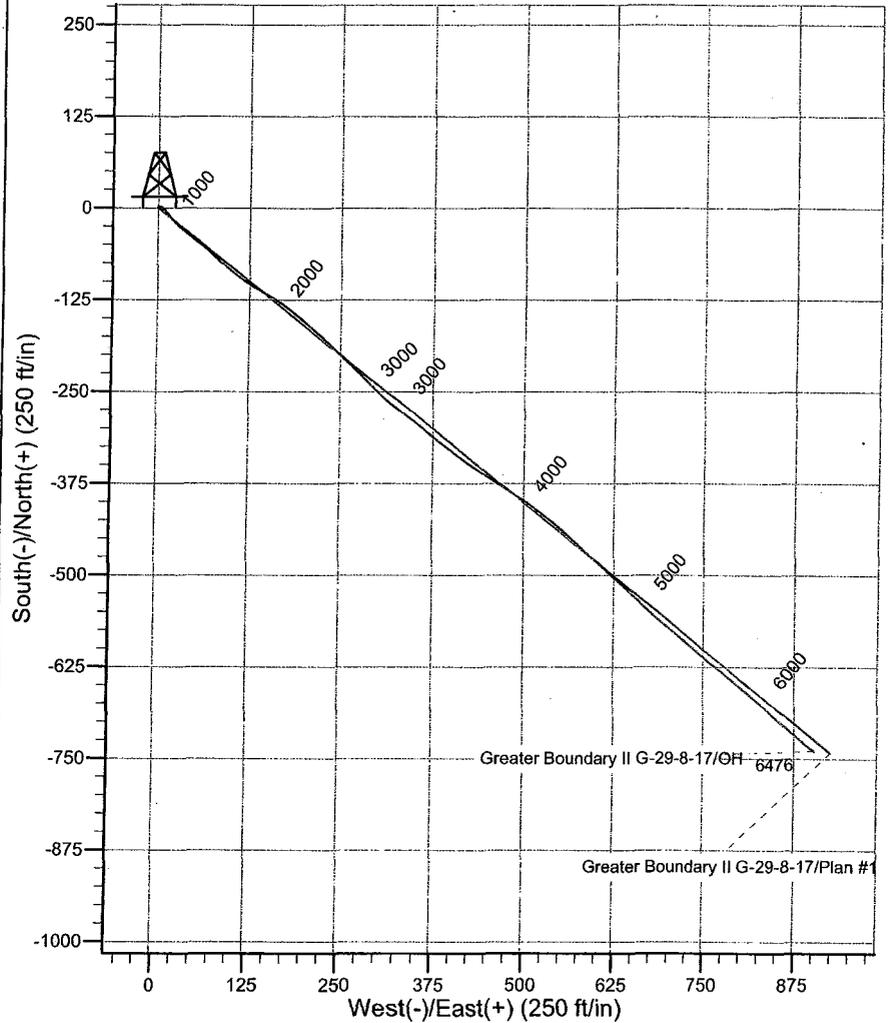
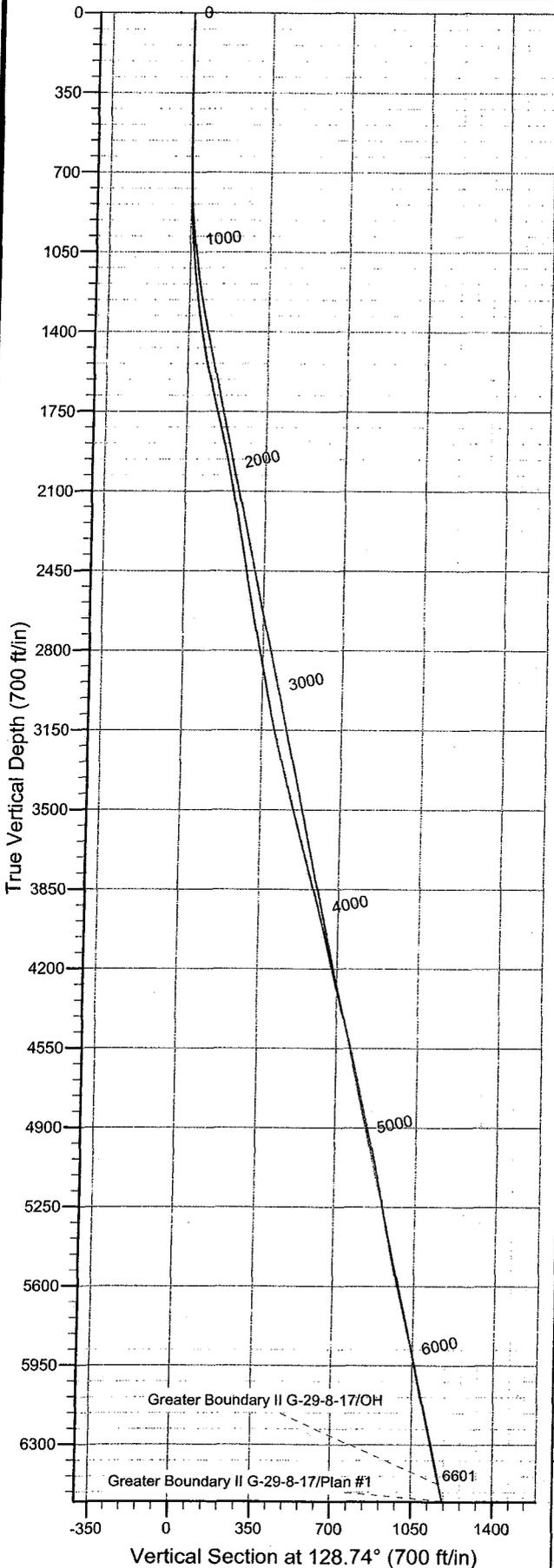
Date

Julie Cruse
Rockies Region Engineer
Scientific Drilling - Rocky Mountain District



Project: Duchesne County, UT NAD83 UTC
 Site: Greater Boundary II G-29-8-17
 Well: Greater Boundary II G-29-8-17
 Wellbore: OH
 Design: OH

Newfield Exploration Co.



WELL DETAILS: Greater Boundary II G-29-8-17

		Ground Level: GL 5287' & RKB 12' @ 5299.00ft (NDSI 2)			
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	7206477.88	2049552.77	40° 5' 39.930 N	110° 2' 14.820 W

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Greater Boundary II G-29-8-17, True North
 Vertical (TVD) Reference: GL 5287' & RKB 12' @ 5299.00ft (NDSI 2)
 Section (VS) Reference: Slot - (0.00N, 0.00E)
 Measured Depth Reference: GL 5287' & RKB 12' @ 5299.00ft (NDSI 2)
 Calculation Method: Minimum Curvature
 Local North: True
 Location: Sec 29 T8S R17E

PROJECT DETAILS: Duchesne County, UT NAD83 UTC

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

Design: OH (Greater Boundary II G-29-8-17/OH)

Created By: Gregg Detweiler Date: 2009-02-06



Newfield Exploration Co.

Duchesne County, UT NAD83 UTC

Greater Boundary II G-29-8-17

Greater Boundary II G-29-8-17

OH

Design: OH

Standard Survey Report

06 February, 2009



Scientific Drilling

Survey Report

Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Greater Boundary II G-29-8-17
Well: Greater Boundary II G-29-8-17
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Greater Boundary II G-29-8-17
TVD Reference: GL 5287' & RKB 12' @ 5299.00ft (NDSI 2)
MD Reference: GL 5287' & RKB 12' @ 5299.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Multi User DB

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

Site	Greater Boundary II G-29-8-17, Sec 29 T8S R17E				
Site Position:		Northing:	7,206,477.89ft	Latitude:	40° 5' 39.930 N
From:	Lat/Long	Easting:	2,049,552.77ft	Longitude:	110° 2' 14.820 W
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence:	0.94 °

Well	Greater Boundary II G-29-8-17, 642' FNL & 672' FWL					
Well Position	+N/-S	0.00 ft	Northing:	7,206,477.88 ft	Latitude:	40° 5' 39.930 N
	+E/-W	0.00 ft	Easting:	2,049,552.77 ft	Longitude:	110° 2' 14.820 W
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,287.00ft	

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2009-01-27	11.60	65.91	52,566

Design	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	128.74	

Survey Program	Date	2009-02-06			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
383.00	6,601.00	Survey #1 - 7 7/8" Hole (OH)	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)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
383.00	0.36	262.59	383.00	-0.16	-1.19	-0.83	0.09	0.09	0.00	
First MWD Survey										
413.00	0.38	291.09	413.00	-0.13	-1.38	-0.99	0.61	0.07	95.00	
444.00	0.17	2.75	444.00	-0.05	-1.47	-1.12	1.17	-0.68	231.16	
475.00	0.75	0.83	475.00	0.20	-1.47	-1.27	1.87	1.87	-6.19	
505.00	0.57	24.18	504.99	0.53	-1.40	-1.43	1.07	-0.60	77.83	
536.00	0.77	36.35	535.99	0.84	-1.22	-1.48	0.79	0.65	39.26	
566.00	0.91	46.06	565.99	1.17	-0.93	-1.45	0.66	0.47	32.37	
597.00	1.22	60.91	596.98	1.50	-0.46	-1.30	1.33	1.00	47.90	
628.00	1.05	81.33	627.98	1.70	0.11	-0.98	1.41	-0.55	65.87	
658.00	1.45	80.59	657.97	1.81	0.75	-0.54	1.33	1.33	-2.47	
689.00	1.41	85.76	688.96	1.90	1.52	0.00	0.44	-0.13	16.68	



Scientific Drilling

Survey Report

Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Greater Boundary II G-29-8-17
Well: Greater Boundary II G-29-8-17
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Greater Boundary II G-29-8-17
TVD Reference: GL 5287' & RKB 12' @ 5299.00ft (NDSI 2)
MD Reference: GL 5287' & RKB 12' @ 5299.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Multi 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)
720.00	1.46	95.01	719.95	1.89	2.30	0.61	0.76	0.16	29.84
751.00	1.43	112.84	750.94	1.71	3.05	1.31	1.45	-0.10	57.52
781.00	1.82	115.67	780.93	1.36	3.82	2.13	1.33	1.30	9.43
812.00	1.88	134.45	811.91	0.79	4.63	3.12	1.96	0.19	60.58
843.00	2.05	127.46	842.89	0.09	5.43	4.18	0.95	0.55	-22.55
873.00	2.50	133.06	872.87	-0.68	6.33	5.37	1.67	1.50	18.67
904.00	2.87	138.99	903.84	-1.73	7.34	6.80	1.49	1.19	19.13
936.00	3.17	137.30	935.79	-2.98	8.46	8.47	0.98	0.94	-5.28
967.00	3.25	138.96	966.74	-4.27	9.62	10.18	0.40	0.26	5.35
999.00	3.76	141.37	998.68	-5.78	10.87	12.10	1.66	1.59	7.53
1,031.00	3.93	139.15	1,030.61	-7.43	12.24	14.20	0.71	0.53	-6.94
1,063.00	4.35	141.32	1,062.53	-9.20	13.72	16.46	1.40	1.31	6.78
1,094.00	5.19	141.18	1,093.42	-11.21	15.33	18.98	2.71	2.71	-0.45
1,126.00	5.76	140.41	1,125.27	-13.58	17.26	21.96	1.80	1.78	-2.41
1,158.00	6.06	138.31	1,157.10	-16.08	19.41	25.20	1.16	0.94	-6.56
1,189.00	6.43	136.09	1,187.92	-18.55	21.70	28.54	1.43	1.19	-7.16
1,221.00	6.90	134.00	1,219.70	-21.18	24.33	32.23	1.65	1.47	-6.53
1,253.00	7.41	134.70	1,251.45	-23.96	27.18	36.19	1.62	1.59	2.19
1,285.00	8.13	133.11	1,283.16	-26.96	30.30	40.50	2.35	2.25	-4.97
1,316.00	8.48	132.52	1,313.84	-30.00	33.58	44.97	1.16	1.13	-1.90
1,348.00	9.00	130.44	1,345.46	-33.22	37.23	49.83	1.90	1.62	-6.50
1,380.00	9.57	129.60	1,377.04	-36.54	41.18	54.99	1.83	1.78	-2.62
1,412.00	9.90	127.27	1,408.58	-39.90	45.42	60.40	1.61	1.03	-7.28
1,443.00	10.26	128.69	1,439.11	-43.24	49.69	65.82	1.41	1.16	4.58
1,475.00	10.55	127.66	1,470.58	-46.81	54.24	71.60	1.08	0.91	-3.22
1,507.00	11.08	127.96	1,502.01	-50.50	58.98	77.60	1.67	1.66	0.94
1,538.00	11.30	128.73	1,532.42	-54.23	63.70	83.62	0.86	0.71	2.48
1,570.00	11.64	131.07	1,563.78	-58.31	68.58	89.98	1.80	1.06	7.31
1,602.00	12.19	132.73	1,595.09	-62.72	73.49	96.58	2.02	1.72	5.19
1,633.00	12.63	132.71	1,625.37	-67.24	78.39	103.22	1.42	1.42	-0.06
1,665.00	12.95	132.55	1,656.57	-72.04	83.60	110.29	1.01	1.00	-0.50
1,697.00	13.30	131.67	1,687.74	-76.91	88.99	117.54	1.26	1.09	-2.75
1,729.00	13.65	130.35	1,718.86	-81.80	94.62	124.99	1.46	1.09	-4.12
1,760.00	13.63	129.37	1,748.98	-86.49	100.23	132.30	0.75	-0.06	-3.16
1,792.00	13.79	127.68	1,780.07	-91.21	106.16	139.89	1.35	0.50	-5.28
1,824.00	13.94	126.28	1,811.14	-95.82	112.29	147.55	1.15	0.47	-4.37
1,856.00	13.85	125.37	1,842.20	-100.32	118.52	155.22	0.74	-0.28	-2.84
1,887.00	13.70	123.41	1,872.31	-104.49	124.61	162.58	1.58	-0.48	-6.32
1,919.00	13.02	120.21	1,903.45	-108.39	130.89	169.92	3.14	-2.12	-10.00
1,951.00	12.33	118.23	1,934.67	-111.82	137.01	176.85	2.55	-2.16	-6.19
1,983.00	12.12	118.38	1,965.94	-115.03	142.98	183.51	0.66	-0.66	0.47
2,014.00	11.68	119.99	1,996.27	-118.15	148.56	189.81	1.78	-1.42	5.19
2,046.00	11.14	120.97	2,027.64	-121.36	154.02	196.08	1.79	-1.69	3.06
2,078.00	10.82	121.46	2,059.06	-124.52	159.23	202.12	1.04	-1.00	1.53
2,109.00	10.78	121.71	2,089.51	-127.56	164.18	207.88	0.20	-0.13	0.81
2,141.00	10.34	123.95	2,120.96	-130.74	169.11	213.72	1.88	-1.37	7.00
2,173.00	9.97	126.43	2,152.46	-133.99	173.72	219.35	1.79	-1.16	7.75
2,205.00	10.02	127.50	2,183.98	-137.33	178.15	224.90	0.60	0.16	3.34
2,236.00	9.78	129.39	2,214.52	-140.64	182.33	230.23	1.30	-0.77	6.10
2,268.00	9.65	129.70	2,246.06	-144.08	186.49	235.63	0.44	-0.41	0.97
2,299.00	9.74	128.53	2,276.61	-147.37	190.54	240.85	0.70	0.29	-3.77
2,331.00	9.66	131.11	2,308.16	-150.82	194.68	246.23	1.38	-0.25	8.06
2,362.00	9.67	131.64	2,338.72	-154.26	198.59	251.43	0.29	0.03	1.71
2,394.00	9.70	131.04	2,370.26	-157.82	202.63	256.81	0.33	0.09	-1.87



Scientific Drilling

Survey Report

Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Greater Boundary II G-29-8-17
Well: Greater Boundary II G-29-8-17
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Greater Boundary II G-29-8-17
TVD Reference: GL 5287' & RKB 12' @ 5299.00ft (NDSI 2)
MD Reference: GL 5287' & RKB 12' @ 5299.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Multi User DB

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
2,426.00	9.80	131.08	2,401.80	-161.38	206.72	262.23	0.31	0.31	0.12
2,457.00	9.91	128.71	2,432.34	-164.78	210.79	267.53	1.36	0.35	-7.65
2,489.00	9.97	127.87	2,463.86	-168.20	215.12	273.05	0.49	0.19	-2.62
2,521.00	10.08	128.17	2,495.37	-171.63	219.51	278.62	0.38	0.34	0.94
2,552.00	10.01	132.10	2,525.90	-175.12	223.64	284.03	2.22	-0.23	12.68
2,584.00	10.21	132.70	2,557.40	-178.90	227.79	289.63	0.71	0.62	1.87
2,616.00	10.24	135.51	2,588.89	-182.86	231.87	295.28	1.56	0.09	8.78
2,648.00	10.33	136.03	2,620.38	-186.95	235.85	300.96	0.40	0.28	1.62
2,679.00	10.70	135.52	2,650.86	-191.00	239.80	306.57	1.23	1.19	-1.65
2,711.00	11.03	134.13	2,682.28	-195.25	244.08	312.57	1.32	1.03	-4.34
2,743.00	11.19	134.08	2,713.69	-199.55	248.51	318.71	0.50	0.50	-0.16
2,775.00	11.03	135.32	2,745.09	-203.88	252.89	324.84	0.90	-0.50	3.87
2,806.00	10.92	135.11	2,775.52	-208.07	257.05	330.70	0.38	-0.35	-0.68
2,838.00	11.08	133.94	2,806.93	-212.35	261.40	336.78	0.86	0.50	-3.66
2,870.00	11.11	133.43	2,838.33	-216.61	265.85	342.91	0.32	0.09	-1.59
2,901.00	11.30	132.63	2,868.74	-220.72	270.26	348.92	0.79	0.61	-2.58
2,933.00	11.34	132.49	2,900.12	-224.96	274.88	355.19	0.15	0.12	-0.44
2,965.00	11.33	134.44	2,931.49	-229.29	279.45	361.45	1.20	-0.03	6.09
2,996.00	10.92	136.91	2,961.91	-233.57	283.63	367.39	2.03	-1.32	7.97
3,028.00	10.99	136.06	2,993.33	-237.98	287.81	373.42	0.55	0.22	-2.66
3,059.00	10.92	137.64	3,023.76	-242.27	291.84	379.25	0.99	-0.23	5.10
3,091.00	11.26	135.32	3,055.17	-246.73	296.08	385.35	1.75	1.06	-7.25
3,122.00	11.54	135.27	3,085.56	-251.09	300.39	391.43	0.90	0.90	-0.16
3,154.00	12.03	134.10	3,116.88	-255.68	305.04	397.93	1.70	1.53	-3.66
3,185.00	12.59	131.92	3,147.17	-260.19	309.87	404.52	2.35	1.81	-7.03
3,217.00	13.45	132.90	3,178.35	-265.05	315.20	411.72	2.77	2.69	3.06
3,248.00	13.83	129.97	3,208.47	-269.89	320.68	419.02	2.54	1.23	-9.45
3,280.00	13.62	128.98	3,239.56	-274.71	326.54	426.61	0.98	-0.66	-3.09
3,311.00	13.41	127.13	3,269.70	-279.18	332.24	433.85	1.55	-0.68	-5.97
3,343.00	13.69	126.24	3,300.81	-283.66	338.25	441.34	1.09	0.87	-2.78
3,374.00	14.33	126.45	3,330.89	-288.11	344.30	448.84	2.07	2.06	0.68
3,406.00	14.88	127.86	3,361.85	-292.98	350.73	456.91	2.05	1.72	4.41
3,438.00	15.38	130.33	3,392.74	-298.25	357.21	465.26	2.55	1.56	7.72
3,469.00	15.00	129.07	3,422.66	-303.44	363.45	473.38	1.62	-1.23	-4.06
3,501.00	14.71	129.07	3,453.59	-308.61	369.82	481.58	0.91	-0.91	0.00
3,532.00	14.38	128.01	3,483.60	-313.46	375.91	489.37	1.37	-1.06	-3.42
3,564.00	14.15	126.34	3,514.61	-318.23	382.19	497.25	1.47	-0.72	-5.22
3,595.00	14.37	126.89	3,544.66	-322.78	388.32	504.88	0.83	0.71	1.77
3,627.00	15.19	127.08	3,575.60	-327.69	394.84	513.04	2.57	2.56	0.59
3,659.00	15.75	127.96	3,606.44	-332.89	401.61	521.57	1.90	1.75	2.75
3,691.00	15.82	126.77	3,637.23	-338.17	408.53	530.27	1.03	0.22	-3.72
3,722.00	15.57	124.37	3,667.07	-343.05	415.35	538.65	2.24	-0.81	-7.74
3,754.00	15.45	125.10	3,697.91	-347.93	422.38	547.18	0.72	-0.37	2.28
3,786.00	15.56	123.29	3,728.74	-352.73	429.46	555.71	1.55	0.34	-5.66
3,817.00	15.39	123.82	3,758.62	-357.30	436.35	563.95	0.71	-0.55	1.71
3,849.00	15.45	122.86	3,789.47	-361.98	443.46	572.42	0.82	0.19	-3.00
3,881.00	15.38	122.71	3,820.32	-366.59	450.61	580.88	0.25	-0.22	-0.47
3,912.00	14.90	123.00	3,850.24	-370.98	457.41	588.93	1.57	-1.55	0.94
3,944.00	14.90	122.22	3,881.17	-375.41	464.34	597.11	0.63	0.00	-2.44
3,976.00	14.95	123.81	3,912.09	-379.90	471.25	605.31	1.29	0.16	4.97
4,008.00	14.94	123.56	3,943.00	-384.48	478.12	613.53	0.20	-0.03	-0.78
4,039.00	14.60	124.48	3,972.98	-388.90	484.67	621.41	1.33	-1.10	2.97
4,071.00	13.97	124.55	4,003.99	-393.38	491.17	629.28	1.97	-1.97	0.22
4,103.00	13.80	124.00	4,035.06	-397.70	497.52	636.94	0.67	-0.53	-1.72



Scientific Drilling

Survey Report

Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Greater Boundary II G-29-8-17
Well: Greater Boundary II G-29-8-17
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Greater Boundary II G-29-8-17
TVD Reference: GL 5287' & RKB 12' @ 5299.00ft (NDSI 2)
MD Reference: GL 5287' & RKB 12' @ 5299.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Multi 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)
4,134.00	13.85	124.95	4,065.16	-401.89	503.63	644.33	0.75	0.16	3.06
4,166.00	13.54	125.74	4,096.25	-406.28	509.81	651.89	1.13	-0.97	2.47
4,198.00	12.99	125.57	4,127.39	-410.56	515.77	659.22	1.72	-1.72	-0.53
4,230.00	13.12	126.70	4,158.57	-414.82	521.61	666.44	0.90	0.41	3.53
4,261.00	13.51	126.15	4,188.73	-419.06	527.35	673.57	1.32	1.26	-1.77
4,293.00	13.59	126.85	4,219.84	-423.52	533.38	681.07	0.57	0.25	2.19
4,325.00	13.41	129.13	4,250.96	-428.11	539.27	688.53	1.76	-0.56	7.12
4,356.00	13.63	128.65	4,281.10	-432.66	544.91	695.78	0.80	0.71	-1.55
4,388.00	13.87	129.54	4,312.18	-437.46	550.81	703.39	1.00	0.75	2.78
4,420.00	14.07	130.72	4,343.24	-442.44	556.72	711.11	1.09	0.62	3.69
4,452.00	13.97	132.93	4,374.28	-447.61	562.49	718.85	1.70	-0.31	6.91
4,483.00	13.68	132.05	4,404.38	-452.61	567.96	726.24	1.16	-0.94	-2.84
4,515.00	13.22	133.14	4,435.51	-457.65	573.44	733.67	1.64	-1.44	3.41
4,547.00	13.16	132.48	4,466.66	-462.61	578.79	740.95	0.51	-0.19	-2.06
4,578.00	13.32	133.85	4,496.84	-467.47	583.97	748.03	1.14	0.52	4.42
4,610.00	13.17	132.53	4,527.99	-472.48	589.31	755.34	1.05	-0.47	-4.12
4,642.00	12.93	133.18	4,559.16	-477.40	594.61	762.54	0.88	-0.75	2.03
4,674.00	12.73	132.79	4,590.36	-482.24	599.81	769.63	0.68	-0.62	-1.22
4,705.00	12.54	132.12	4,620.61	-486.82	604.81	776.40	0.77	-0.61	-2.16
4,737.00	12.63	130.67	4,651.84	-491.43	610.04	783.36	1.03	0.28	-4.53
4,769.00	12.66	130.11	4,683.07	-495.97	615.38	790.36	0.39	0.09	-1.75
4,801.00	12.73	130.66	4,714.28	-500.53	620.73	797.39	0.44	0.22	1.72
4,832.00	12.42	131.98	4,744.54	-504.98	625.80	804.13	1.36	-1.00	4.26
4,864.00	12.24	131.65	4,775.80	-509.54	630.90	810.96	0.60	-0.56	-1.03
4,896.00	12.34	131.99	4,807.07	-514.08	635.97	817.76	0.39	0.31	1.06
4,927.00	12.49	132.35	4,837.34	-518.55	640.91	824.41	0.54	0.48	1.16
4,959.00	12.74	133.80	4,868.57	-523.33	646.02	831.38	1.26	0.78	4.53
4,991.00	12.47	133.65	4,899.80	-528.15	651.06	838.34	0.85	-0.84	-0.47
5,022.00	12.32	133.98	4,930.08	-532.76	655.86	844.97	0.54	-0.48	1.06
5,053.00	11.80	133.74	4,960.39	-537.25	660.53	851.42	1.69	-1.68	-0.77
5,085.00	11.54	133.50	4,991.73	-541.71	665.22	857.87	0.83	-0.81	-0.75
5,117.00	11.58	133.96	5,023.08	-546.15	669.85	864.25	0.31	0.12	1.44
5,148.00	11.27	132.76	5,053.47	-550.36	674.32	870.37	1.26	-1.00	-3.87
5,180.00	11.20	130.93	5,084.86	-554.52	678.96	876.60	1.14	-0.22	-5.72
5,211.00	11.19	131.22	5,115.27	-558.48	683.50	882.61	0.18	-0.03	0.94
5,242.00	10.86	130.30	5,145.69	-562.35	687.99	888.54	1.21	-1.06	-2.97
5,274.00	10.75	128.22	5,177.13	-566.14	692.63	894.53	1.27	-0.34	-6.50
5,306.00	10.59	128.85	5,208.57	-569.84	697.27	900.46	0.62	-0.50	1.97
5,338.00	10.77	127.70	5,240.02	-573.51	701.92	906.39	0.87	0.56	-3.59
5,369.00	10.81	129.67	5,270.47	-577.14	706.45	912.19	1.20	0.13	6.35
5,401.00	10.70	129.16	5,301.91	-580.93	711.07	918.16	0.45	-0.34	-1.59
5,433.00	10.71	130.04	5,333.35	-584.72	715.65	924.11	0.51	0.03	2.75
5,464.00	10.72	128.86	5,363.81	-588.38	720.10	929.87	0.71	0.03	-3.81
5,496.00	10.88	129.38	5,395.24	-592.16	724.75	935.86	0.59	0.50	1.62
5,501.39	10.95	129.26	5,400.54	-592.81	725.54	936.89	1.38	1.31	-2.26
GB II G-29-8-17									
5,528.00	11.30	128.68	5,426.65	-596.04	729.53	942.02	1.38	1.31	-2.17
5,560.00	11.48	128.55	5,458.02	-599.98	734.47	948.34	0.57	0.56	-0.41
5,591.00	11.47	129.45	5,488.40	-603.86	739.26	954.51	0.58	-0.03	2.90
5,623.00	11.61	128.88	5,519.75	-607.90	744.22	960.91	0.56	0.44	-1.78
5,655.00	11.90	128.52	5,551.08	-611.98	749.31	967.43	0.93	0.91	-1.12
5,686.00	12.54	128.83	5,581.38	-616.08	754.43	973.99	2.08	2.06	1.00
5,718.00	12.86	129.04	5,612.59	-620.50	759.91	981.02	1.01	1.00	0.66
5,750.00	12.82	129.41	5,643.79	-625.00	765.41	988.13	0.29	-0.12	1.16
5,782.00	12.85	130.43	5,674.99	-629.56	770.87	995.24	0.71	0.09	3.19



Scientific Drilling

Survey Report

Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Greater Boundary II G-29-8-17
Well: Greater Boundary II G-29-8-17
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Greater Boundary II G-29-8-17
TVD Reference: GL 5287' & RKB 12' @ 5299.00ft (NDSI 2)
MD Reference: GL 5287' & RKB 12' @ 5299.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Multi User DB

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,813.00	13.24	128.45	5,705.19	-634.00	776.27	1,002.24	1.91	1.26	-6.39
5,845.00	13.47	128.79	5,736.33	-638.62	782.05	1,009.63	0.76	0.72	1.06
5,877.00	13.65	126.76	5,767.44	-643.21	787.98	1,017.13	1.59	0.56	-6.34
5,909.00	13.71	128.12	5,798.53	-647.81	793.98	1,024.69	1.02	0.19	4.25
5,940.00	13.28	129.50	5,828.67	-652.35	799.62	1,031.93	1.73	-1.39	4.45
5,972.00	12.72	130.40	5,859.85	-656.97	805.14	1,039.12	1.86	-1.75	2.81
6,004.00	12.05	130.61	5,891.11	-661.42	810.36	1,045.98	2.10	-2.09	0.66
6,035.00	10.97	128.81	5,921.48	-665.38	815.11	1,052.17	3.67	-3.48	-5.81
6,067.00	10.43	128.40	5,952.93	-669.09	819.76	1,058.11	1.70	-1.69	-1.28
6,099.00	10.78	130.64	5,984.38	-672.83	824.30	1,064.00	1.69	1.09	7.00
6,131.00	11.23	132.50	6,015.79	-676.89	828.87	1,070.10	1.79	1.41	5.81
6,162.00	11.70	133.18	6,046.17	-681.08	833.38	1,076.24	1.58	1.52	2.19
6,194.00	11.55	133.64	6,077.52	-685.51	838.07	1,082.67	0.55	-0.47	1.44
6,226.00	11.83	131.01	6,108.85	-689.87	842.86	1,089.14	1.88	0.87	-8.22
6,258.00	12.18	132.45	6,140.15	-694.30	847.83	1,095.79	1.44	1.09	4.50
6,289.00	12.14	132.12	6,170.46	-698.70	852.66	1,102.30	0.26	-0.13	-1.06
6,320.00	12.35	129.74	6,200.75	-703.00	857.63	1,108.87	1.76	0.68	-7.68
6,353.00	12.09	131.47	6,233.01	-707.55	862.93	1,115.85	1.36	-0.79	5.24
6,384.00	12.18	129.35	6,263.31	-711.77	867.89	1,122.37	1.47	0.29	-6.84
6,416.00	12.03	131.23	6,294.60	-716.11	873.01	1,129.07	1.32	-0.47	5.87
6,448.00	11.69	129.76	6,325.92	-720.38	878.01	1,135.65	1.42	-1.06	-4.59
6,479.00	11.64	130.47	6,356.28	-724.42	882.80	1,141.91	0.49	-0.16	2.29
6,511.00	11.79	130.68	6,387.61	-728.65	887.74	1,148.41	0.49	0.47	0.66
6,543.00	12.27	127.94	6,418.91	-732.87	892.90	1,155.07	2.33	1.50	-8.56
6,549.00	11.99	127.68	6,424.78	-733.64	893.89	1,156.33	4.75	-4.67	-4.33
6,601.00	11.99	127.68	6,475.64	-740.24	902.44	1,167.13	0.00	0.00	0.00

Projection to TD

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									
GB II G-29-8-17	0.00	0.00	5,400.00	-587.99	733.00	7,205,901.96	2,050,295.29	40° 5' 34.119 N	110° 2' 5.388 W
- actual wellpath misses target center by 8.90ft at 5501.38ft MD (5400.53 TVD, -592.81 N, 725.54 E)									
- Circle (radius 75.00)									

Checked By: _____ Approved By: _____ Date: _____