

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-76954
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
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Greater Boundary II Federal 1-19-8-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33737
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/NE 361' FNL 1217' FEL 581525X 40.109687 At proposed prod. zone 4440160Y -110.043422		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 NE/NE Sec. 19, T8S R17E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1021' f/ise, 1021' f/unit	16. No. of Acres in lease 1561.03	17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1239'	19. Proposed Depth 6800'	20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5326' GL	22. Approximate date work will start* 3rd Quarter 2007	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 7/13/07
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 07-30-07
Title OFFICE ENVIRONMENTAL MANAGER		

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

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

\*(Instructions on reverse)

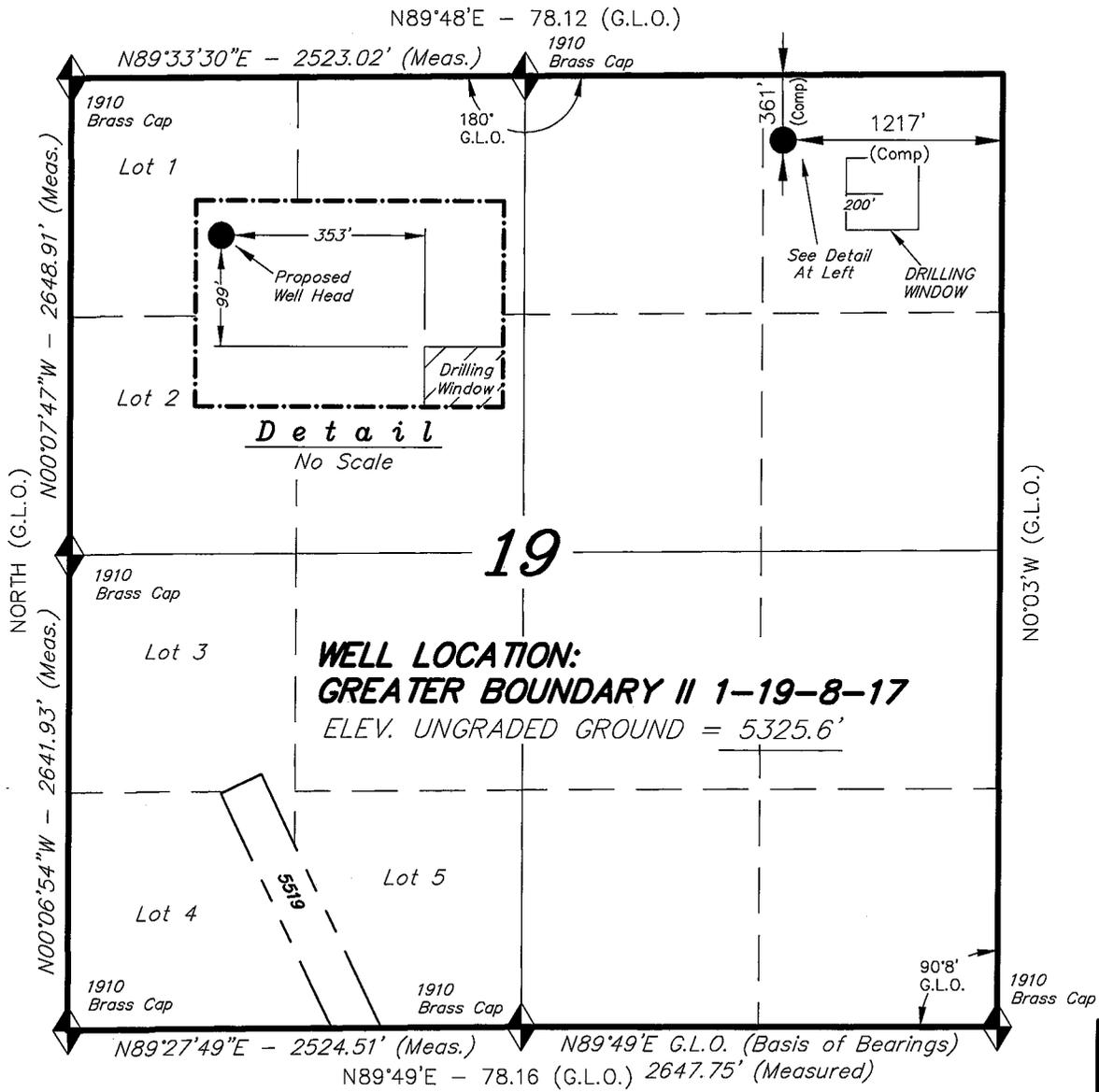
Federal Approval of this  
Action is Necessary

RECEIVED  
JUL 25 2007

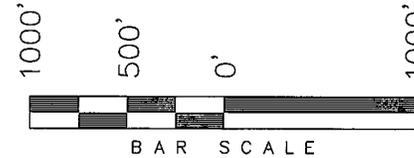
DIV. OF OIL, GAS & MINING

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

## NEWFIELD PRODUCTION COMPANY



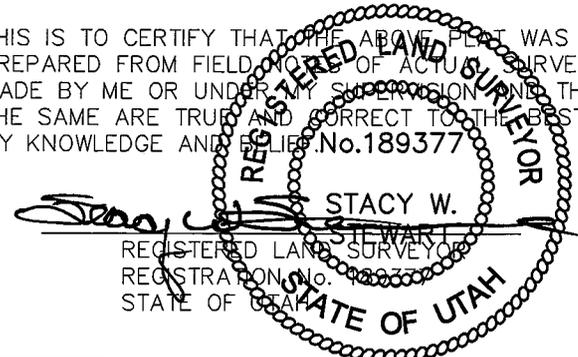
WELL LOCATION, GREATER BOUNDARY II 1-19-8-17, LOCATED AS SHOWN IN THE NE 1/4 NE 1/4 OF SECTION 19, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



**Corner Tie Note:**

The Well Bears S76°20'36"E  
1481.16' from the North 1/4  
Corner of Section 19.

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 1-19-8-17  
(Surface Location) NAD 83  
LATITUDE = 40° 06' 35.06"  
LONGITUDE = 110° 02' 39.09"**

<b>TRI STATE LAND SURVEYING &amp; CONSULTING</b> 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
DATE SURVEYED: 11-21-06	SURVEYED BY: C.M.
DATE DRAWN: 11-27-06	DRAWN BY: T.C.J.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY  
GREATER BOUNDARY II FEDERAL #1-19-8-17  
NE/NE SECTION 19, 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' – 1915'
Green River	1915'
Wasatch	6800'

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

Green River Formation 1915' – 6800' - 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 #1-19-8-17  
NE/NE SECTION 19, 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 #1-19-8-17 located in the NE 1/4 NE 1/4 Section 19, T8S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 8.6 miles  $\pm$  to its junction with an existing dirt road to the east; proceed easterly - 0.9 miles  $\pm$  to its junction with an existing road to the south; proceed southerly - 0.5 miles  $\pm$  to its junction with the beginning of the proposed access road to the northeast; proceed northeasterly along the proposed access road - 950'  $\pm$  to the proposed well location.

**2. PLANNED ACCESS ROAD**

See Topographic Map "B" for the location of the proposed access road.

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

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**

Please refer to the Monument Butte Field SOP.

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 #06-388, 10/9/06. Paleontological Resource Survey will be forthcoming. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 950' of disturbed area be granted in Lease UTU-76954 to allow for construction of the planned access road. **Refer to Topographic Map "B"**. For the planned access road a temporary width of 60' will be needed for construction purposes with a permanent width of 30' and a running surface of 18'. The construction phase of the planned access road will last approximately (5) days. The planned access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests a 540' ROW in Lease UTU-71368 and 6300' of disturbed area be granted in Lease UTU-76954 to allow for construction of the proposed surface gas lines. It is proposed that the ROW and disturbed area will temporarily be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line, with a permanent width of 30' upon completion of the proposed gas lines. The construction phase of the proposed gas lines will last approximately (5) days. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests a 540' ROW in Lease UTU-71368 and 6300' of disturbed area be granted in Lease UTU-76954 to allow for construction of the proposed water lines. It is proposed that the ROW and 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, with a permanent width of 30' upon completion of the proposed water return line. The construction phase of the proposed water lines will last approximately (5) days. **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.

**Burrowing Owl:** Due to the proximity of the location to active prairie dog towns, there is the potential to encounter nesting burrowing owls between April 1 and August 15. If new construction or surface disturbing activities are scheduled between April 1 and August 15, pre-construction surveys will be conducted to detect the presence of nesting burrowing owls within 0.5 mile of any new construction or surface disturbing activity (see Vernal BLM Field Office Protocol). No new construction or surface disturbing activities will be allowed between April 1 and August 15 within a 0.5 mile radius of any active burrowing owl nest.

**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)

Indian Ricegrass	<i>Oryzopsis Hymenoides</i>	5 lbs/acre
Galletta Grass	<i>Hilaria Jamesii</i>	5 lbs/acre
Scarlet Globemallow	<i>Sphaeralcea Conccinea</i>	2 lbs/acre

**Details of the On-Site Inspection**

The proposed Greater Boundary II Federal #1-19-8-17 was on-sited on 11/22/06. The following were present; Dave Allred (Newfield Production), Chuck MacDonald (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 #1-19-8-17 NE/NE Section 19, Township 8S, Range 17E: Lease UTU-76954 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 US Specialty Insurance #B001832.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

7/13/07

Date



Mandie Crozier

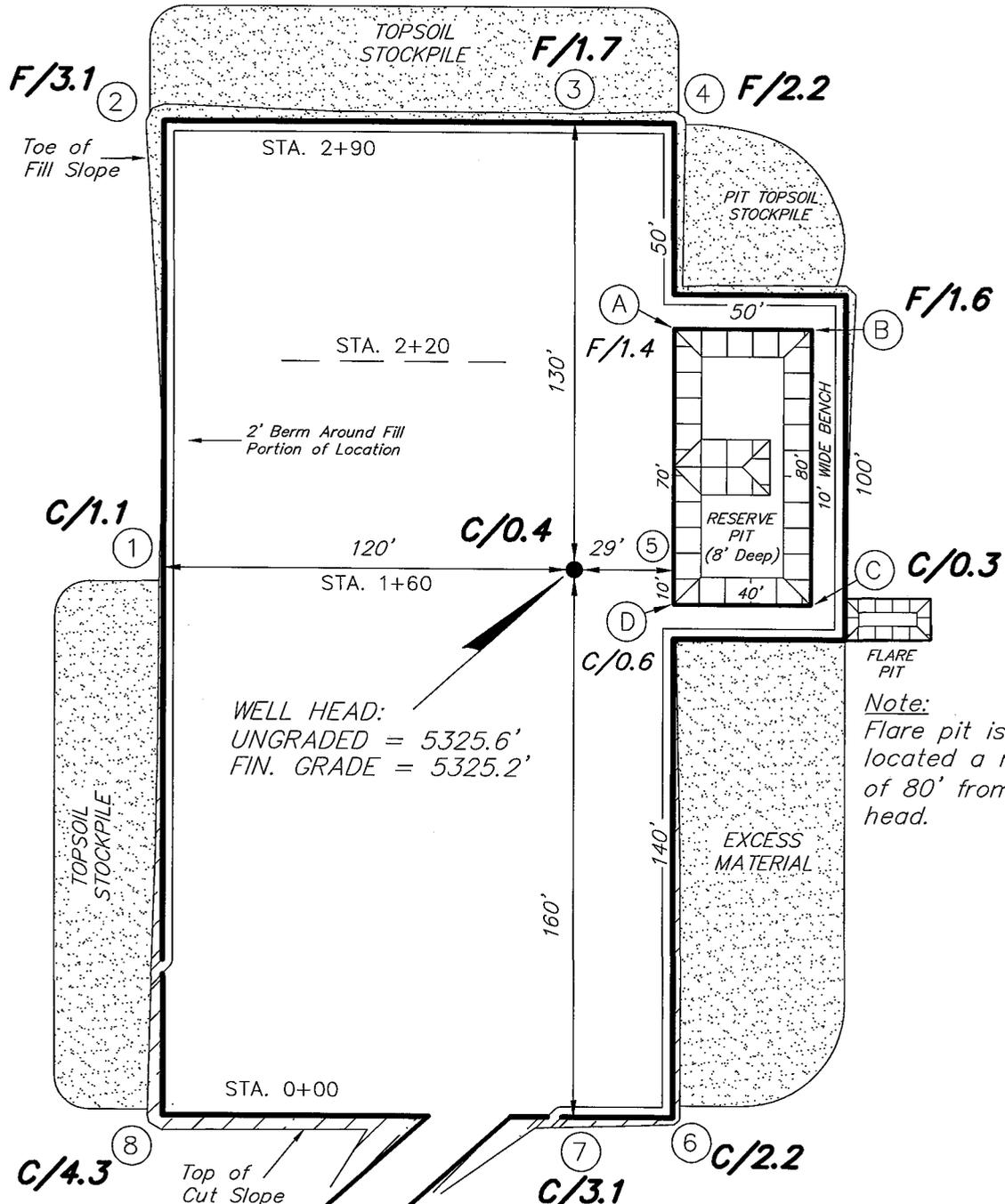
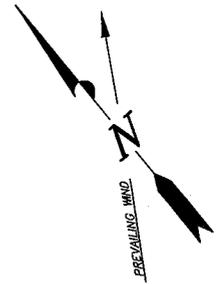
Regulatory Specialist

Newfield Production Company

# NEWFIELD PRODUCTION COMPANY

GREATER BOUNDARY II 1-19-8-17

Section 19, T8S, R17E, S.L.B.&M.



WELL HEAD:  
 UNGRADED = 5325.6'  
 FIN. GRADE = 5325.2'

Note:  
 Flare pit is to be located a minimum of 80' from well head.

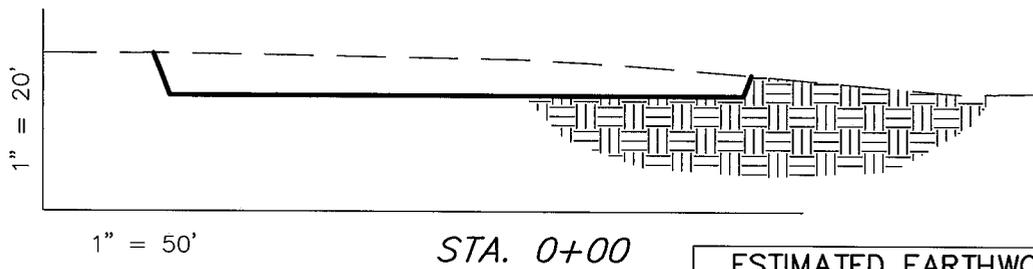
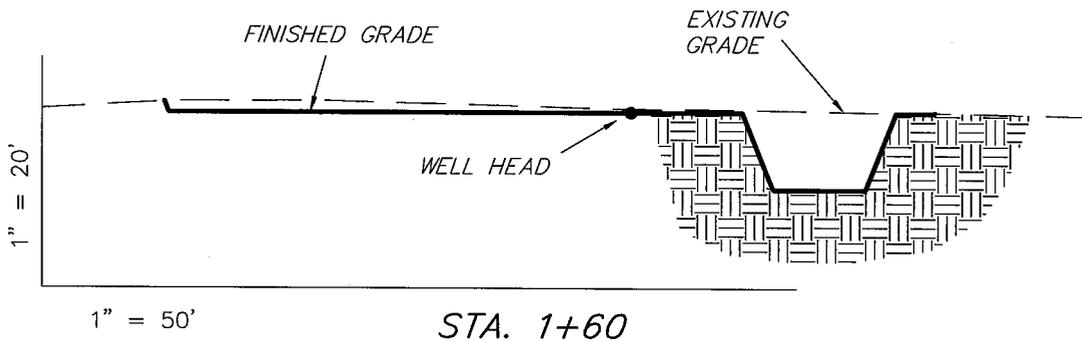
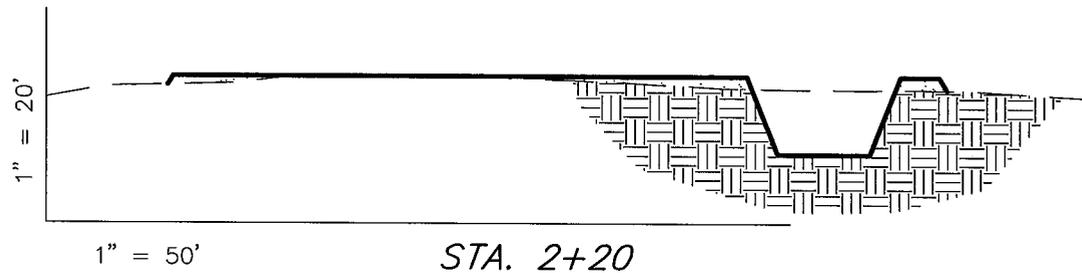
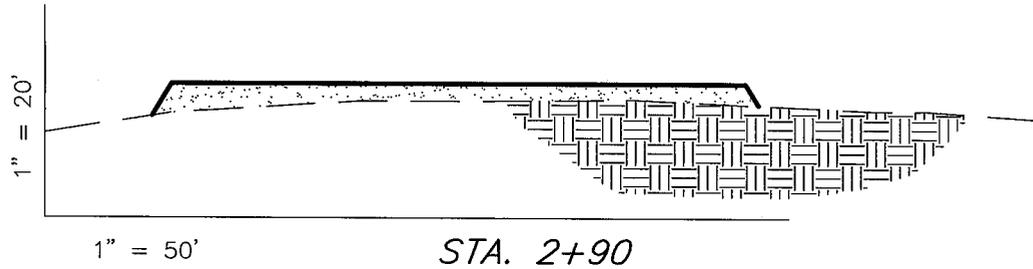
**REFERENCE POINTS**

- 170' NORTHWESTERLY = 5325.2'
- 220' NORTHWESTERLY = 5322.2'
- 180' NORTHEASTERLY = 5322.5'
- 230' NORTHEASTERLY = 5320.7'

SURVEYED BY: C.M.	SCALE: 1" = 50'
DRAWN BY: T.C.J.	DATE: 11-27-06

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

**NEWFIELD PRODUCTION COMPANY**  
**CROSS SECTIONS**  
**GREATER BOUNDARY II 1-19-8-17**



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	1,560	900	Topsoil is not included in Pad Cut	660
PIT	640	0		640
<b>TOTALS</b>	<b>2,200</b>	<b>900</b>	<b>940</b>	<b>1,300</b>

SURVEYED BY: C.M.

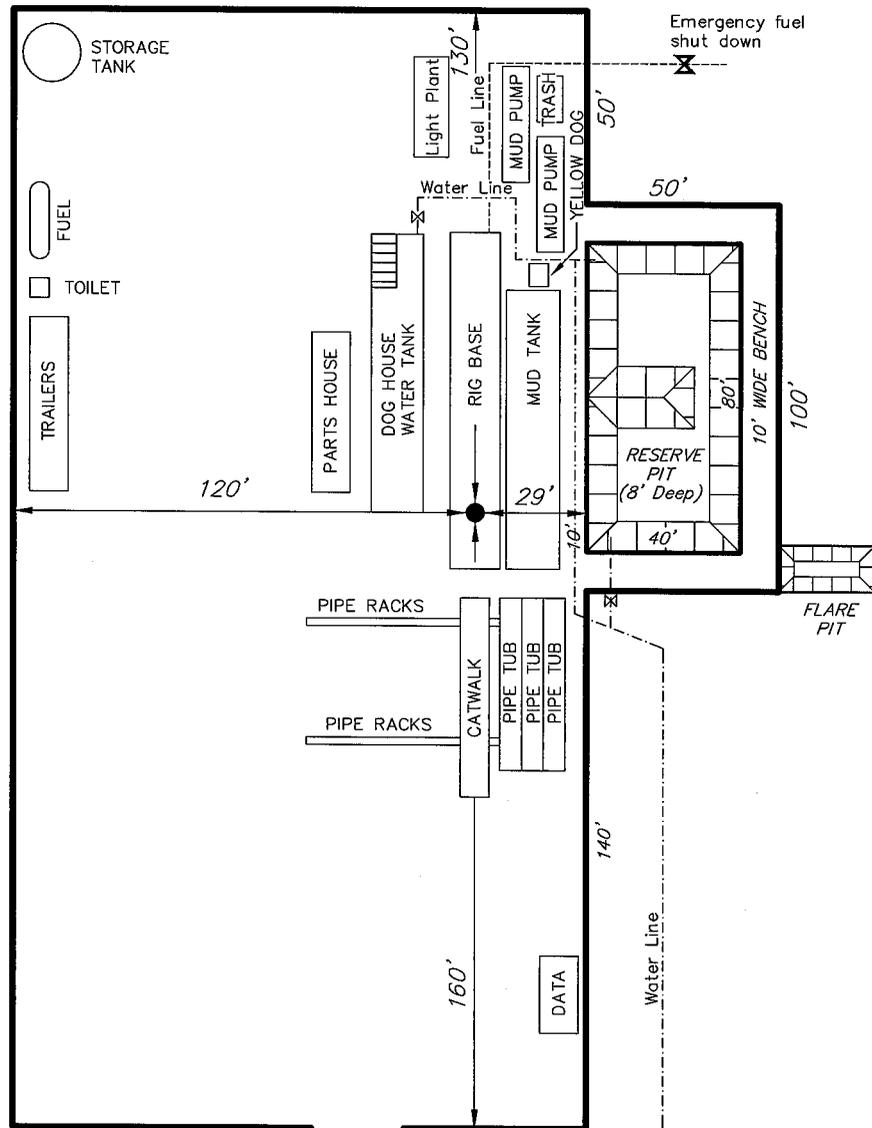
SCALE: 1" = 50'

DRAWN BY: T.C.J.

DATE: 11-27-06

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

**NEWFIELD PRODUCTION COMPANY**  
**TYPICAL RIG LAYOUT**  
**GREATER BOUNDARY II 1-19-8-17**



PROPOSED ACCESS ROAD (Max. 6% Grade)

SURVEYED BY: C.M.	SCALE: 1" = 50'	<b>Tri State</b> Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078 (435) 781-2501
DRAWN BY: T.C.J.	DATE: 11-27-06	

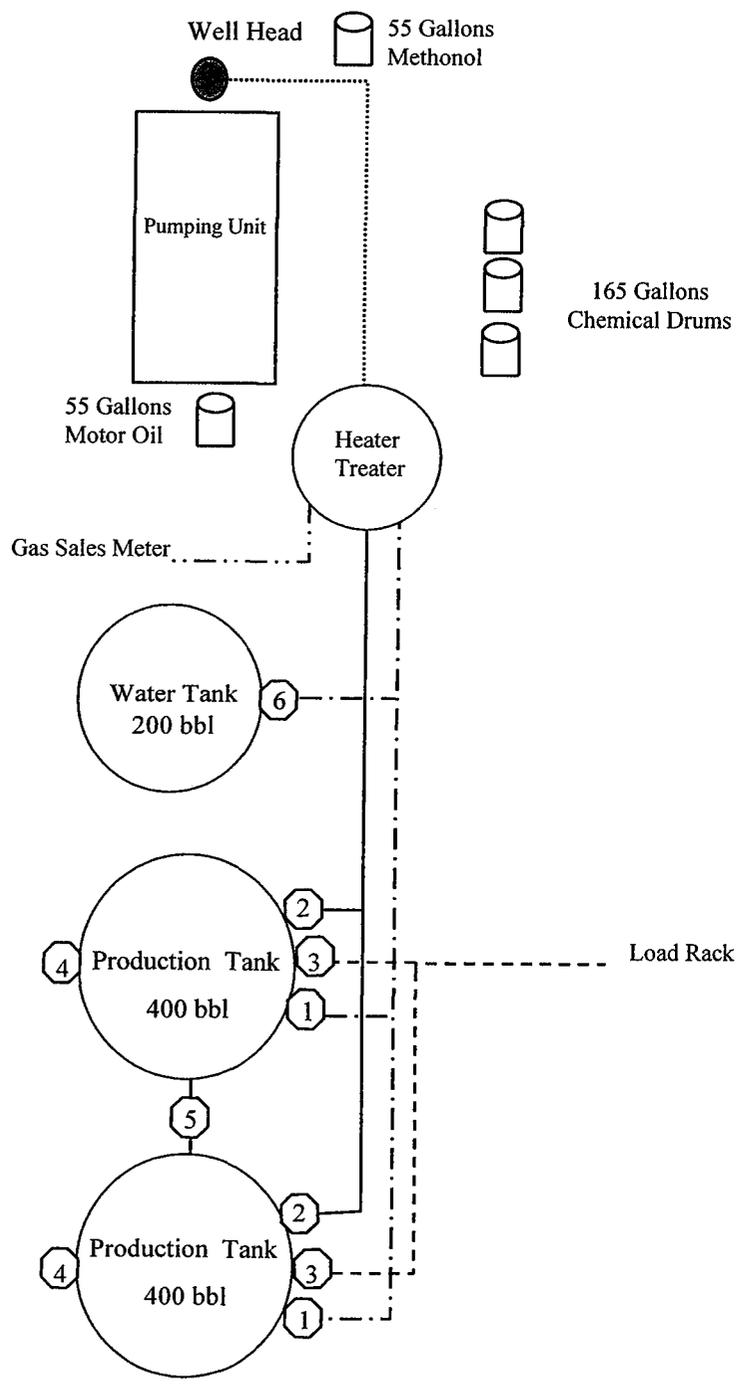
# Newfield Production Company Proposed Site Facility Diagram

Greater Boundary II Federal 1-19-8-17

NE/NE Sec. 19, T8S, R17E

Duchesne County, Utah

UTU-76954



### Legend

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

### Production Phase:

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

### Sales Phase:

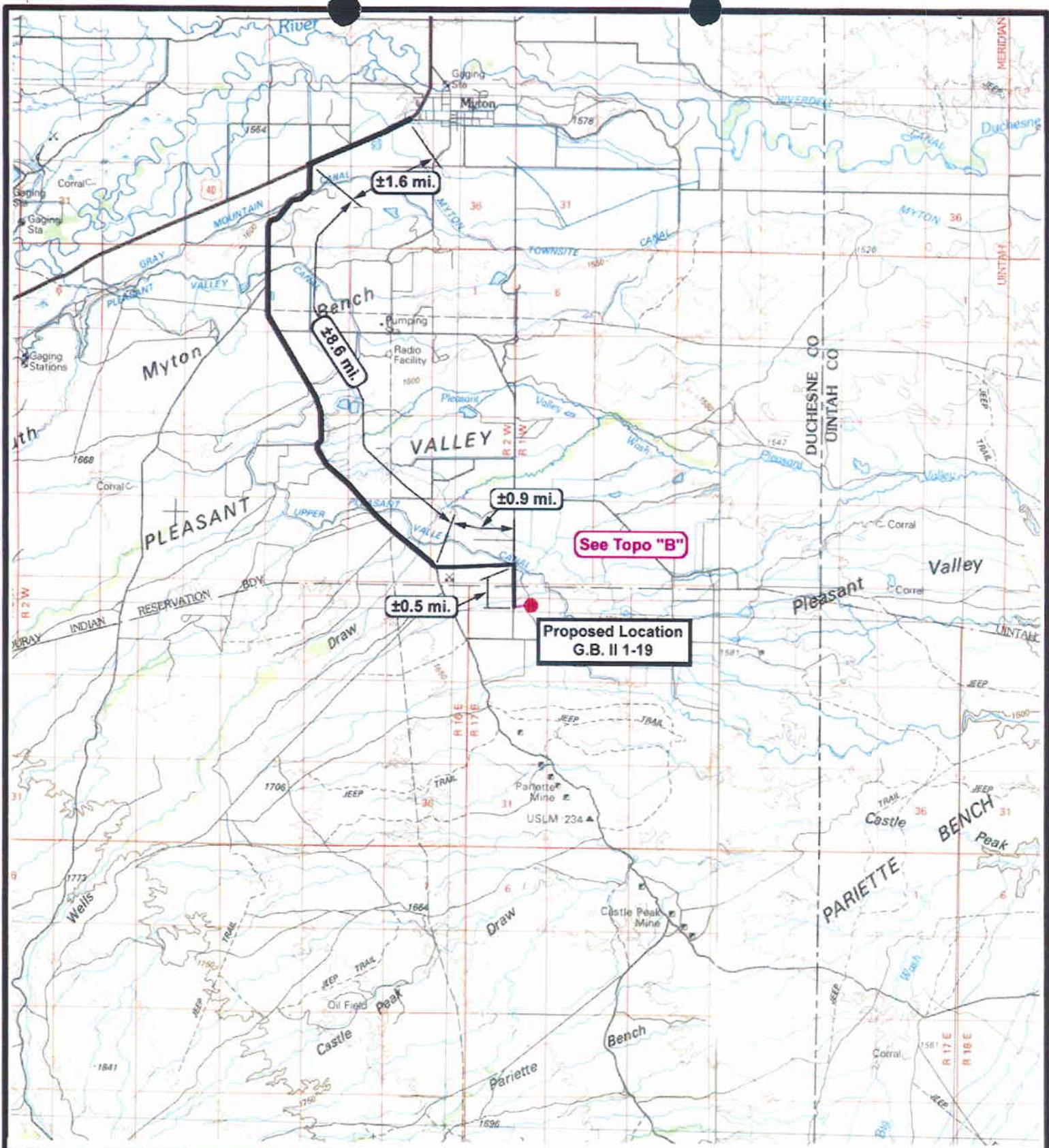
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

### Draining Phase:

- 1) Valves 1 and 6 open

Diked Section





**NEWFIELD**  
Exploration Company

**Greater Boundary II 1-19-8-17**  
**SEC. 19, T8S, R17E, S.L.B.&M.**



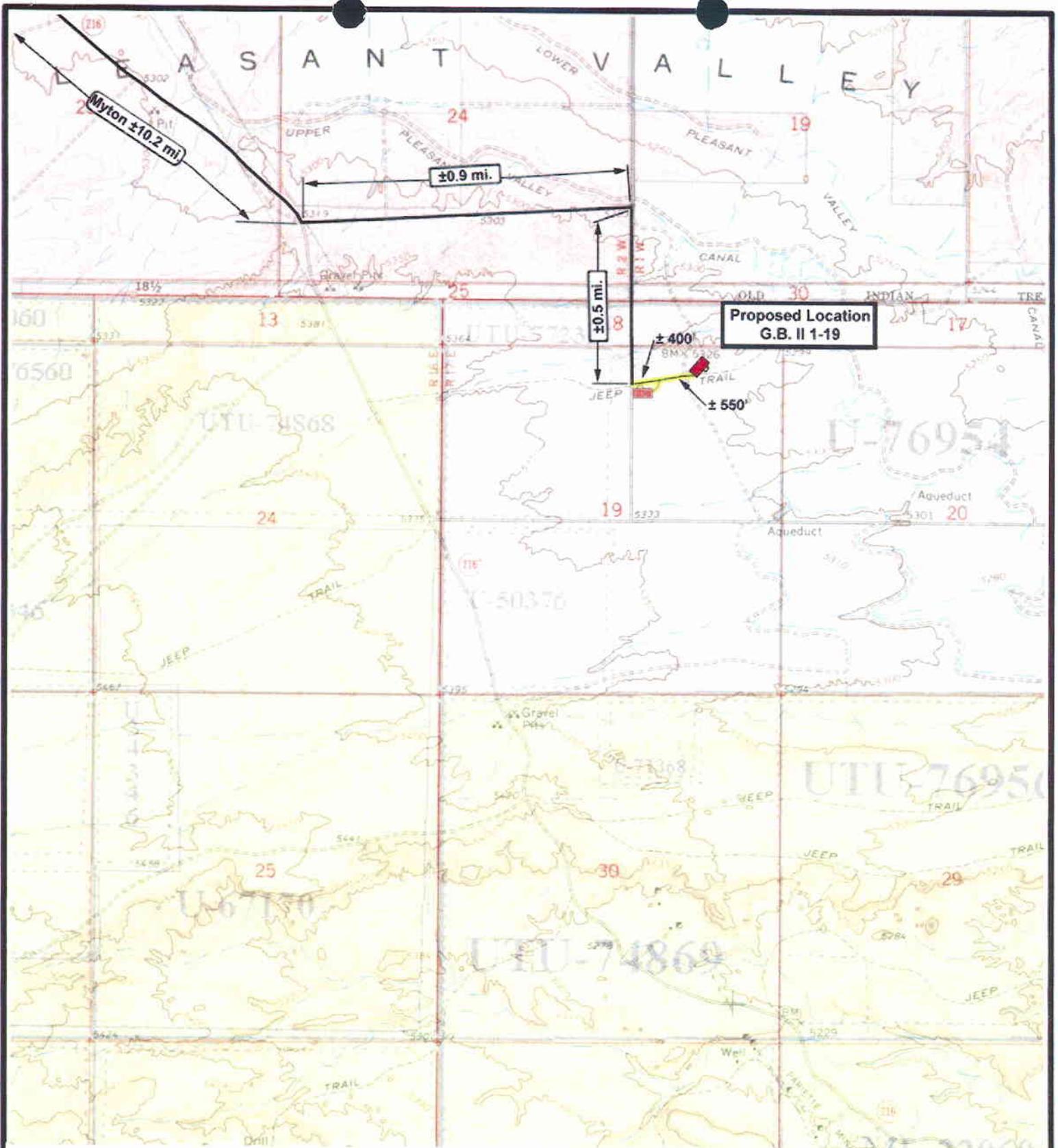
**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

**SCALE: 1 = 100,000**  
**DRAWN BY: mw**  
**DATE: 11-27-2006**

**Legend**

Existing Road  
Proposed Access

**TOPOGRAPHIC MAP**  
**"A"**



**NEWFIELD**  
Exploration Company

**Greater Boundary II 1-19-8-17  
SEC. 19, T8S, R17E, S.L.B.&M.**



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

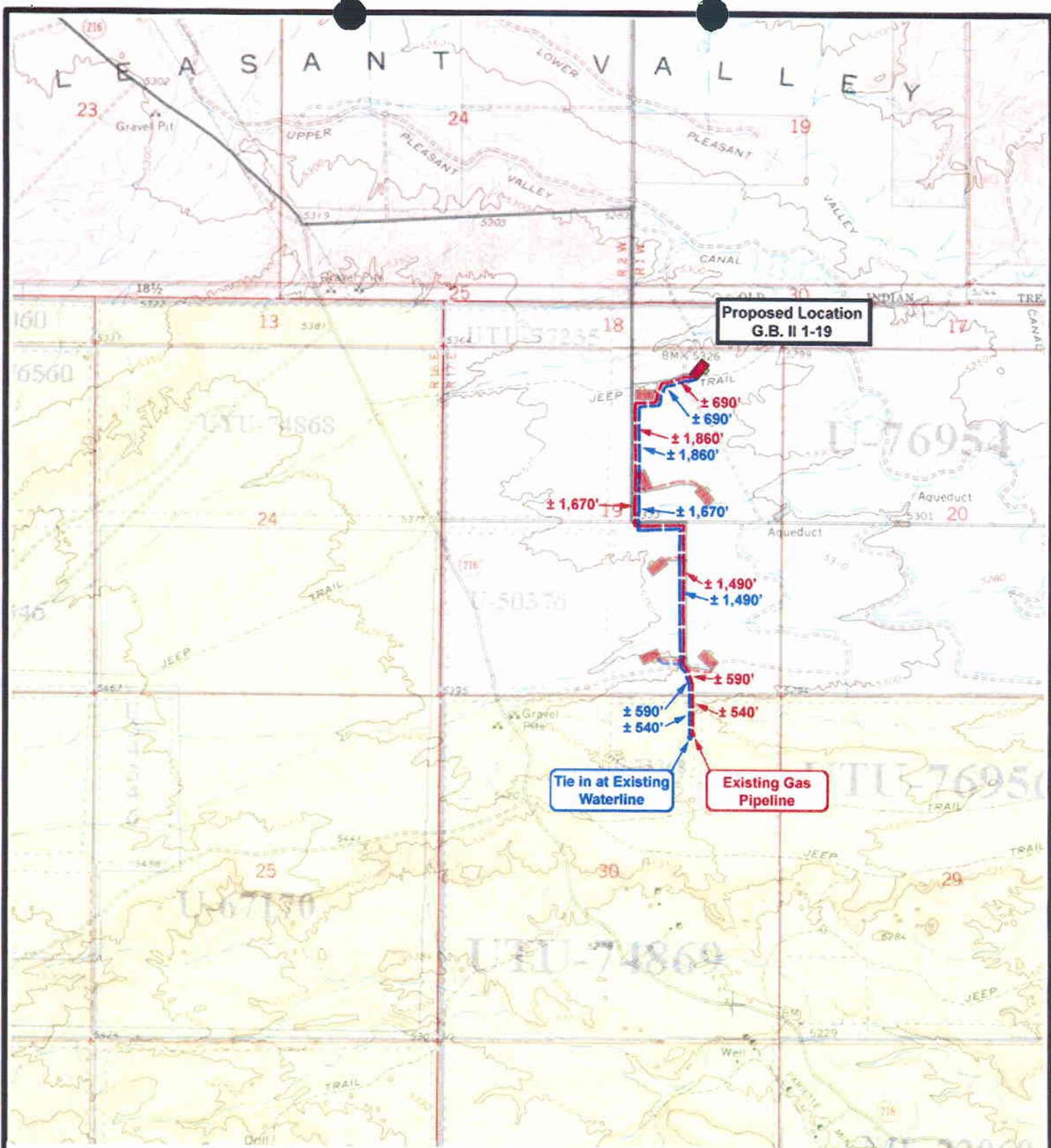
SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 11-27-2006

**Legend**

- Existing Road
- Proposed Access

**TOPOGRAPHIC MAP**

**"B"**



 **NEWFIELD**  
Exploration Company

**Greater Boundary II 1-19-8-17**  
**SEC. 19, T8S, R17E, S.L.B.&M.**



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

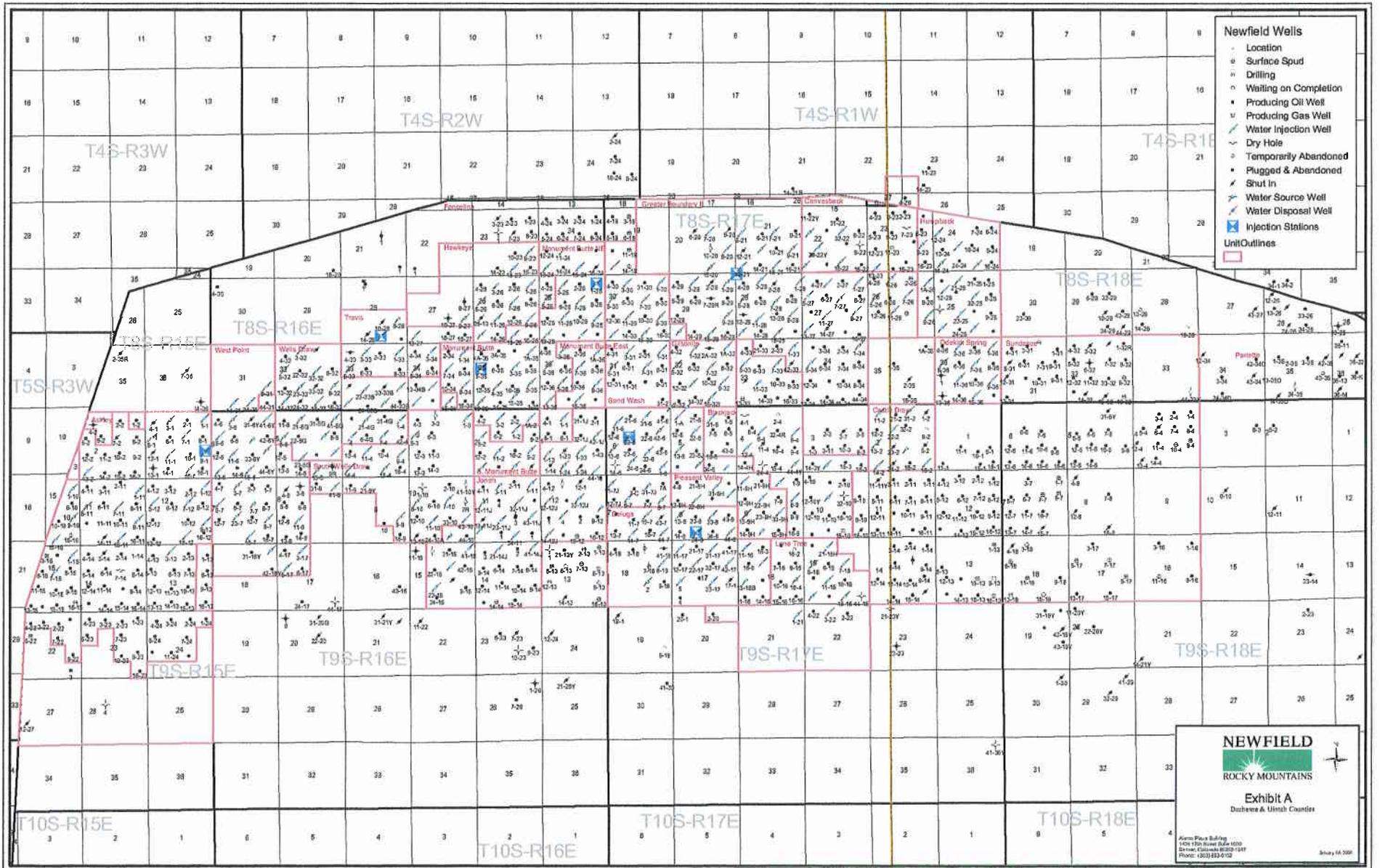
**SCALE: 1" = 2,000'**  
**DRAWN BY: mw**  
**DATE: 11-27-2008**

**Legend**

-  Roads
-  Proposed Gas Line
-  Proposed Water Line

**TOPOGRAPHIC MAP**

**"C"**



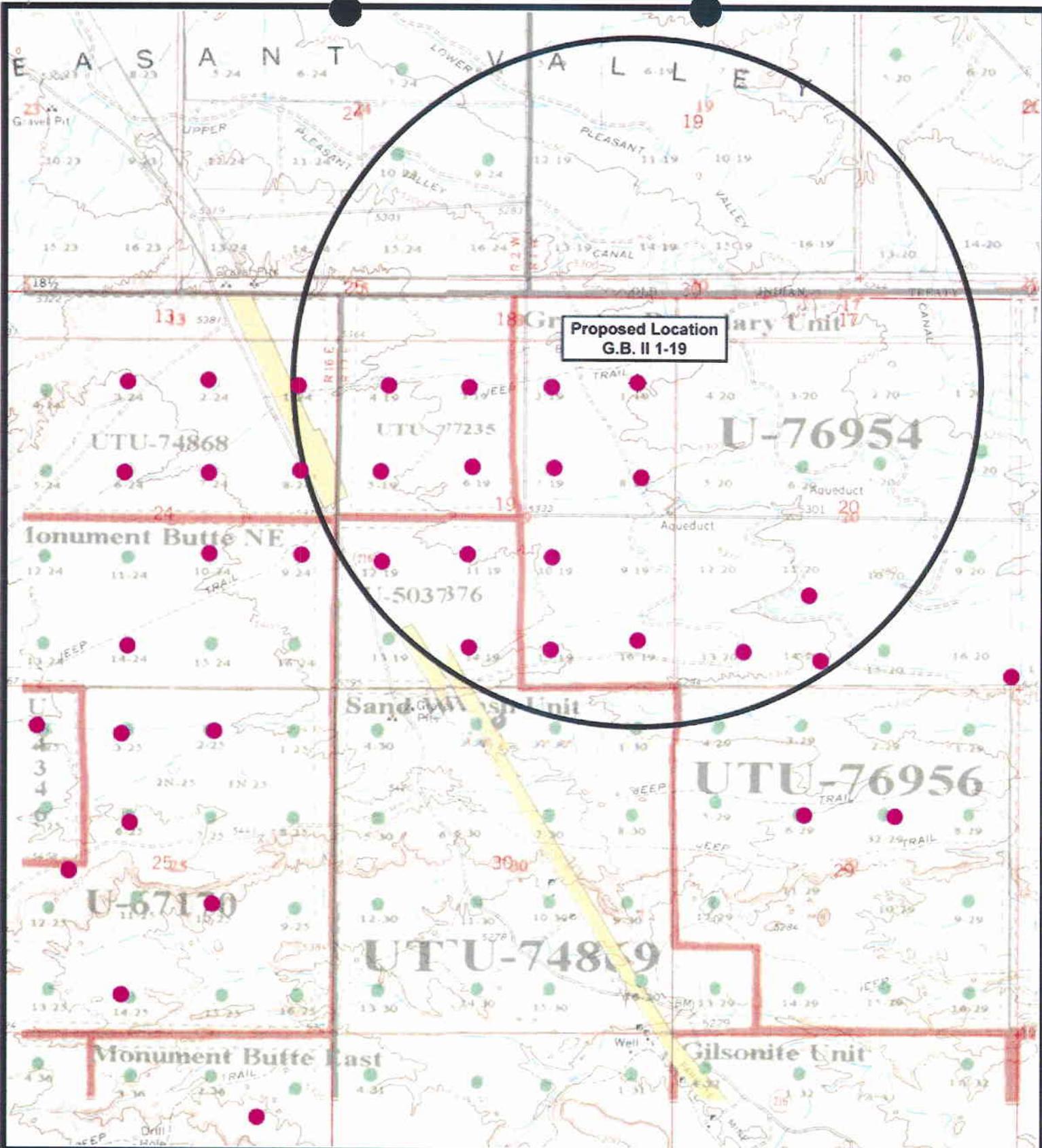
- Newfield Wells**
- Location
  - Surface Spud
  - Drilling
  - Waiting on Completion
  - Producing Oil Well
  - Producing Gas Well
  - Water Injection Well
  - Dry Hole
  - Temporarily Abandoned
  - Plugged & Abandoned
  - Shut In
  - Water Source Well
  - Water Disposal Well
  - Injection Stations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

**NEWFIELD**  
 ROCKY MOUNTAINS

Exhibit A  
 Duhesne & Uintah Counties

Kern Plaza Survey  
 1401 17th Street Suite 1000  
 Denver, Colorado 80202-1947  
 Phone: (303) 893-0102

Sheet 14 of 300



Proposed Location  
G.B. II 1-19

**NEWFIELD**  
Exploration Company

**Greater Boundary II 1-19-8-17  
SEC. 19, 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: 11-27-2006

**Legend**

- Location
- One-Mile Radius

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

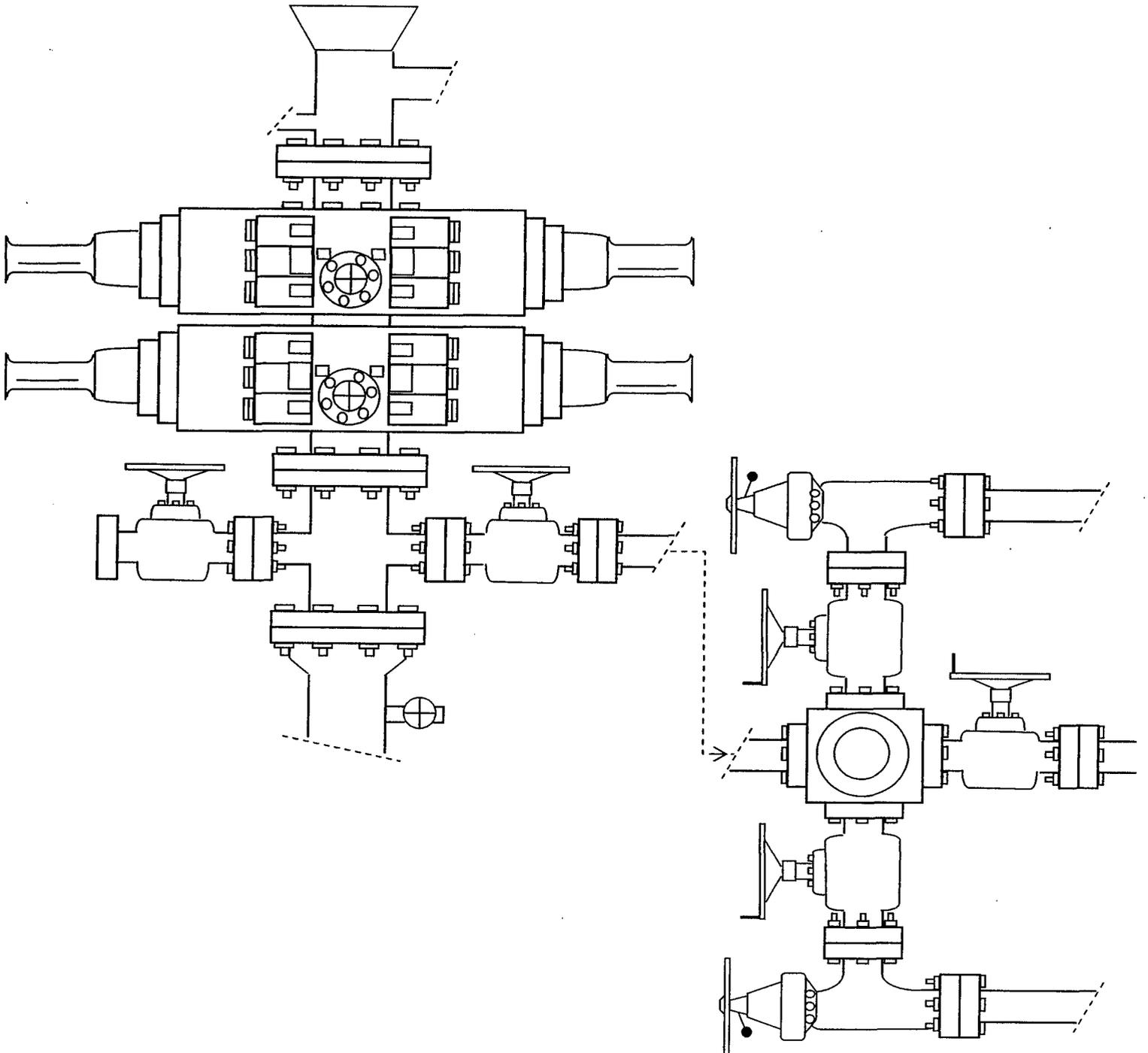


EXHIBIT C

CULTURAL RESOURCE INVENTORY  
OF NEWFIELD EXPLORATION'S  
400-ACRE PARCEL IN PLEASANT VALLEY  
(T8S R17E SECTIONS 19 AND 20),  
DUCHESNE COUNTY, UTAH

By:

André Jendresen

Prepared For:

Bureau of Land Management  
Vernal Field Office

Prepared Under Contract With:

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

Submitted By:

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

MOAC Report No. 06-388

October 9, 2006

United States Department of Interior (FLPMA)  
Permit No. 06-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-06-MQ-1252b

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 07/25/2007

API NO. ASSIGNED: 43-013-33737

WELL NAME: GB II FED 1-19-8-17  
 OPERATOR: NEWFIELD PRODUCTION ( N2695 )  
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NENE 19 080S 170E  
 SURFACE: 0361 FNL 1217 FEL  
 BOTTOM: 0361 FNL 1217 FEL  
 COUNTY: DUCHESNE  
 LATITUDE: 40.10969 LONGITUDE: -110.0434  
 UTM SURF EASTINGS: 581525 NORTHINGS: 4440160  
 FIELD NAME: MONUMENT BUTTE ( 105 )

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

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-76954  
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UTB000192 )
- 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:

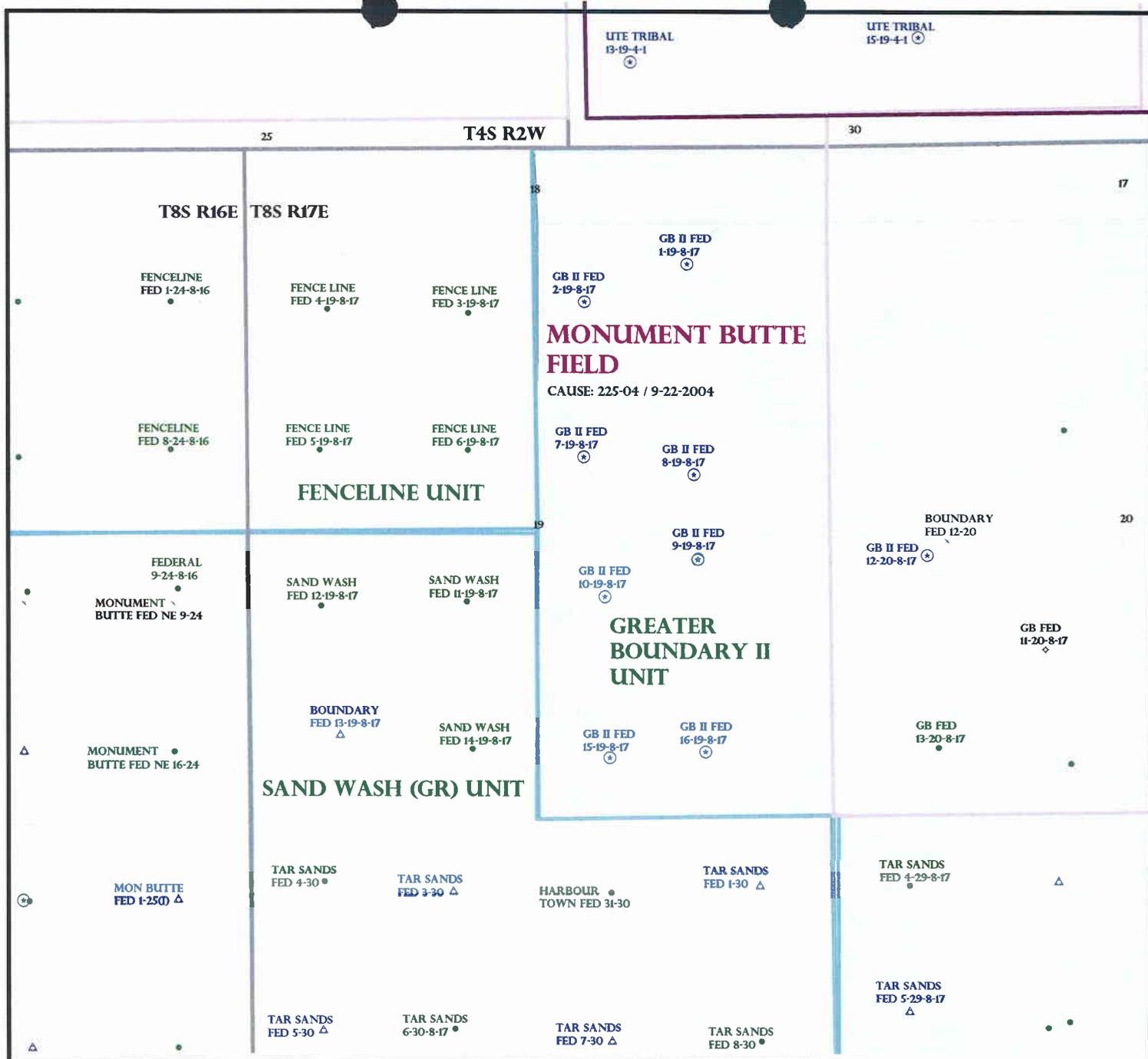
- \_\_\_ R649-2-3.
- Unit: GREATER BOUNDARY II (GR)
- \_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- \_\_\_ R649-3-3. Exception
- Drilling Unit  
Board Cause No: 225-04  
Eff Date: 9-22-2004  
Siting: Suspends General Siting
- \_\_\_ R649-3-11. Directional Drill

COMMENTS:

*Sep. Separate File*

STIPULATIONS:

*1. Federal Approval*



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 19 T.8S R.17E

FIELD: MONUMENT BUTTE (105)

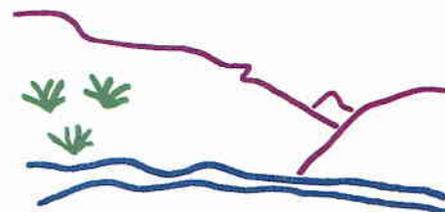
COUNTY: DUCHESNE

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



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON  
DATE: 27-JULY-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)

July 27, 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)

43-013-33731	GB II Fed 16-19-8-17	Sec 19 T08S R17E 0580 FSL 1105 FEL
43-013-33732	GB II Fed 15-19-8-17	Sec 19 T08S R17E 0543 FSL 1952 FEL
43-013-33733	GB II Fed 10-19-8-17	Sec 19 T08S R17E 1979 FSL 1980 FEL
43-013-33734	GB II Fed 08-19-8-17	Sec 19 T08S R17E 2231 FNL 1174 FEL
43-013-33735	GB II Fed 07-19-8-17	Sec 19 T08S R17E 2065 FNL 2150 FEL
43-013-33736	GB II Fed 02-19-8-17	Sec 19 T08S R17E 0692 FNL 2125 FEL
43-013-33737	GB II Fed 01-19-8-17	Sec 19 T08S R17E 0361 FNL 1217 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Greater Boundary Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:7-27-07



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

July 30, 2007

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

Re: Greater Boundary II Federal 1-19-8-17 Well, 361' FNL, 1217' FEL, NE NE, Sec. 19, 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 43-013-33737.

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 1-19-8-17  
API Number: 43-013-33737  
Lease: UTU-76954

Location: NE NE                      Sec. 19                      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.



RECEIVED

SEP 04 2007

August 29, 2007

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

DIV. OF OIL, GAS & MINING

RE: Exception Location  
**Greater Boundary II Federal 1-19-8-17**  
T8S R17E, Section 19: NE/4NE/4  
361' FNL 1217' FEL  
Duchesne County, Utah

43-013-33737

Dear Ms. Mason;

Pursuant to Rule 649-3-3 of the Oil & Gas Rules and Regulations of the State of Utah, Newfield Production Company ("NPC") hereby requests an exception location for the drilling of the captioned well. The proposed drillsite for this well is located 353' west and 99' north of the drilling window required by Rule R649-3-2, which requires a well to be located in the center of a forty (40) acre quarter-quarter section, or a substantially equivalent lot or tract, with a tolerance of two hundred (200) feet in any direction from the center.

The attached plat depicts the proposed location and illustrates the deviation from the drilling window. The requested location has been chosen in order to minimize crop damage to BLM surface lessees.

Please note the location is completely within the Greater Boundary II Federal Unit (UTU-77098X). The drillsite and all surrounding acreage within a four hundred sixty (460) foot radius is owned 100% by NPC.

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](mailto:reveland@newfield.com). Your consideration of this matter is greatly appreciated.

Sincerely,  
NEWFIELD PRODUCTION COMPANY

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

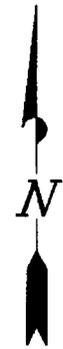
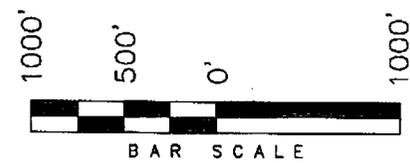
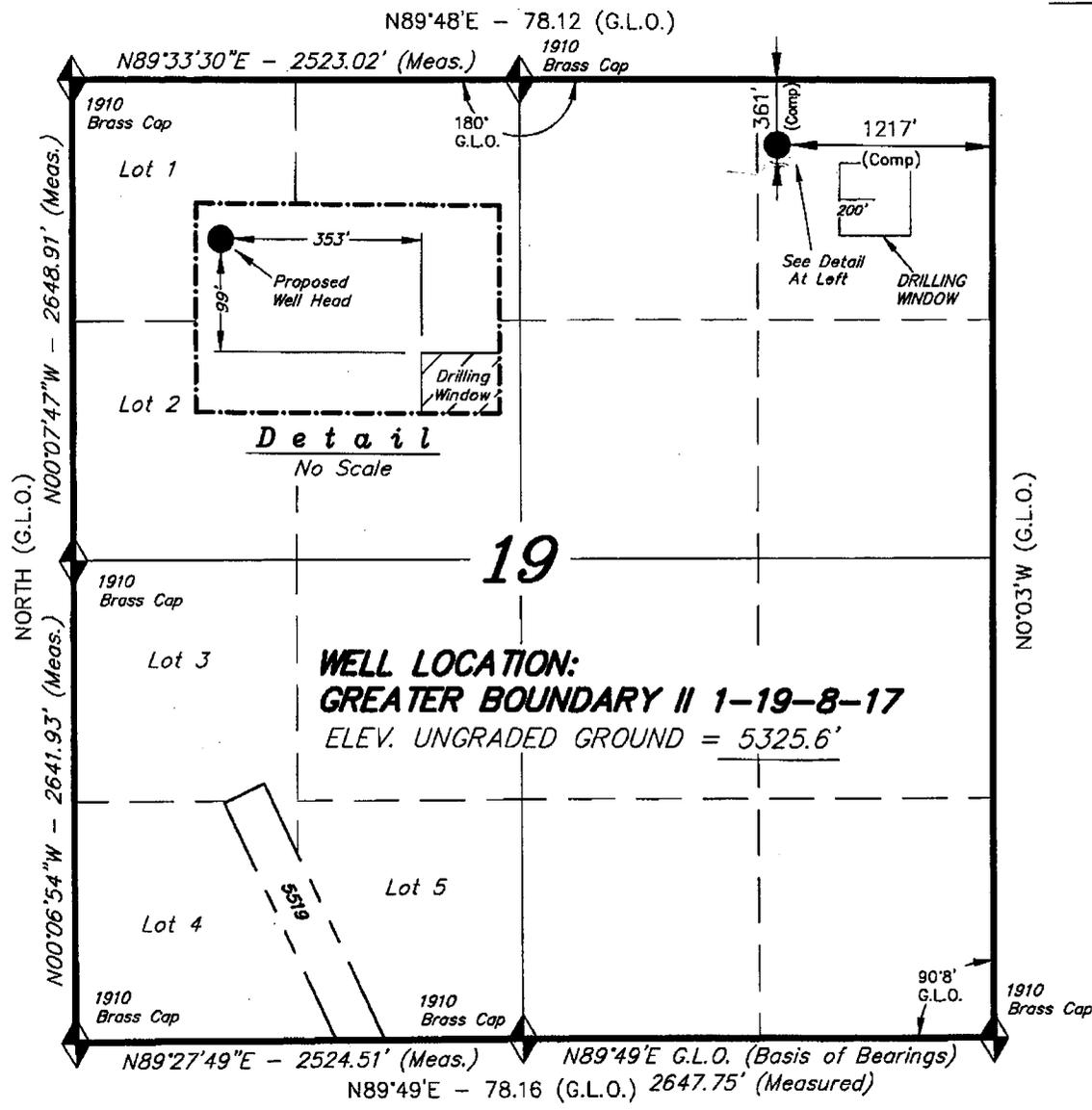
Roxann Eveland  
Land Associate

Attachment

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

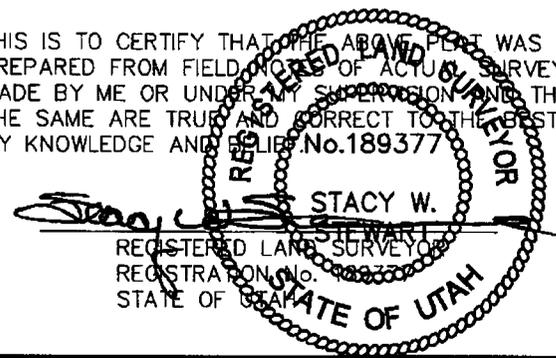
**NEWFIELD PRODUCTION COMPANY**

WELL LOCATION, GREATER BOUNDARY II 1-19-8-17, LOCATED AS SHOWN IN THE NE 1/4 NE 1/4 OF SECTION 19, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



**Corner Tie Note:**  
 The Well Bears S76°20'36"E  
 1481.16' from the North 1/4  
 Corner of Section 19.

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



◆ = SECTION CORNERS LOCATED

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

**GREATER BOUNDARY II 1-19-8-17**  
 (Surface Location) NAD 83  
 LATITUDE = 40° 06' 35.06"  
 LONGITUDE = 110° 02' 39.09"

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

DATE SURVEYED: 11-21-06	SURVEYED BY: C.M.
DATE DRAWN: 11-27-06	DRAWN BY: T.C.J.
REVISED:	SCALE: 1" = 1000'

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-76954**

6. If Indian, Allottee or Tribe Name  
**N/A**

1a. Type of Work:  DRILL  REENTER

1b. Type of Well:  Oil Well  Gas Well  Other  Single Zone  Multiple Zone

7. If Unit or CA Agreement, Name and No.  
**Greater Boundary II**

8. Lease Name and Well No.  
**Greater Boundary II Federal 1-19-8-17**

9. API Well No.

2. Name of Operator  
**Newfield Production Company**

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

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

10. Field and Pool, or Exploratory  
**Monument Butte**

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)  
At surface **NE/NE 361' FNL 1217' FEL**  
At proposed prod. zone

11. Sec., T., R., M., or Blk. and Survey or Area  
**NE/NE Sec. 19, T8S R17E**

14. Distance in miles and direction from nearest town or post office\*  
**Approximatley 11.8 miles southeast of Myton, Utah**

12. County or Parish  
**Duchesne**

13. State  
**UT**

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1021' f/iso, 1021' f/unit  
**Approx. 1239'**

16. No. of Acres in lease  
**1561.03**

17. Spacing Unit dedicated to this well  
**40 Acres**

18. Distance from proposed location\* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1239'

19. Proposed Depth  
**6800'**

20. BLM/BIA Bond No. on file  
**UTB000192**

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
**5326' GL**

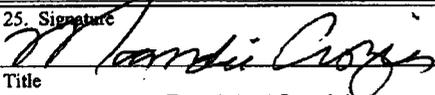
22. Approximate date work will start\*  
**3rd Quarter 2007**

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 **7/13/07**

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)

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-76954**

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 1-19-8-17**

9. API Well No.  
**43-013-33737**

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)  
**361 FNL 1217 FEL      NE/NE Section 19, 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"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <b>Permit Extension</b>
	<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. The original approval date was 7/30/07.

This APD has not yet been approved by the BLM.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 07-09-08  
By: [Signature]

**COPY SENT TO OPERATOR**  
Date: 7.9.2008  
Initials: KS

14. I hereby certify that the foregoing is true and correct  
Signed Mandie Crozier Title Regulatory Specialist Date 6/27/2008  
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

**RECEIVED**

**JUL 01 2008**



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

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

**API:** 43-013-33737  
**Well Name:** Greater Boundary II Federal 1-19-8-17  
**Location:** NE/NE Section 19, T8S R17E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 7/30/2007

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  NA

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

*Shandi Croys*  
Signature

6/27/2008  
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

**RECEIVED**  
**JUL 01 2008**  
 DIV. OF OIL, GAS & MINING

RECEIVED  
VERNAL FIELD OFFICE

2007 JUL 20 PM 2:04

Form 3160-3  
(September 2001)

DEPT. OF THE INTERIOR  
BUREAU OF LAND MGMT.

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-76954
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
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Greater Boundary II Federal 1-19-8-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33731
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/NE 361' FNL 1217' FEL At proposed prod. zone		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 NE/NE Sec. 19, T8S R17E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1021' f/ise, 1021' f/unit	16. No. of Acres in lease 1561.03	17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1239'	19. Proposed Depth 6800'	20. BLM/BIA Bond No. on file UTB000192 W4B000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5326' GL	22. Approximate date work will start* 3rd Quarter 2007	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 7/13/07
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) Jean Kenzler	Date OCT 10 2008
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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

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

\*(Instructions on reverse)

NOTICE OF APPROVAL

NOS 12/04/2006

07PP 1057A

UDOGM



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



170 South 500 East

VERNAL, UT 84078

(435) 781-4400

**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

<b>Company:</b>	<b>Newfield Production Company</b>	<b>Location:</b>	<b>NENE, Sec. 19, T8S, R17E</b>
<b>Well No:</b>	<b>Greater Boundary II Federal 1-19-8-17</b>	<b>Lease No:</b>	<b>UTU-76954</b>
<b>API No:</b>	<b>43-013-33737</b>	<b>Agreement:</b>	<b>Greater Boundary (GR) Unit</b>

<b>Title</b>	<b>Name</b>	<b>Office Phone Number</b>	<b>Cell Phone Number</b>
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:**

- An active White-tailed prairie dog colony (Burrowing owl habitat) was found near the proposed drill site. With the occurrence of Burrowing owl habitat there will be a timing restriction to minimize disturbance for burrowing owl nesting from April 1 – August 15.
- 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.
- Lessee/operator is given notice the area has been identified as containing Ferruginous Hawk habitat. Modifications may be required in the Surface Use Plan to protect the Ferruginous Hawk and/or its habitat from surface 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:

- 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 1<sup>st</sup> 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>	5.0	1/4 - 1/2"
Siberian wheatgrass	<i>Agropyron fragile</i>	2.0	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 Gilsomite, 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](mailto: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 ( $\frac{1}{4}$ / $\frac{1}{4}$ , Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

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

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

spud

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross # 21 Submitted  
By Justin Crum Phone Number 823-6733  
Well Name/Number Greater Boundry 1-19-8-17  
Qtr/Qtr NE/NE Section 19 Township 8s Range 17e  
Lease Serial Number UTU-76954  
API Number 43-013-33737

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

Date/Time 11/4/08 8:00 AM  PM

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

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

Date/Time 11/4/08 12:00 AM  PM

BOPE

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

Date/Time \_\_\_\_\_ AM  PM

Remarks \_\_\_\_\_  
\_\_\_\_\_



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.

5. Lease Serial No.  
USA UTU-76954

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
GREATER BOUNDARY II *1-19-8-17*

8. Well Name and No.  
GREATER BOUNDARY FEDERAL

9. API Well No.  
4301333737

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
DUCHESNE, UT

**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)  
NENE Section 19 T8S R17E

**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 recomplete 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 recompletion 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 1-3-08 MIRU ROSS spud rig #21. Drill 320' of 12 1/4" hole with air mist. TIH W/7 Jt's 8 5/8" J-55 24# csgn. Set @ 313.79. On 11-4-08 Cement with 160 sks of Class "G" w/ 2% CaCL+ 1/4# Cello Flake. Mixed @ 15.8 ppg> 1.17 cf/sk yeild. Returned 6 bbls cement to pit.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Xabier Lasa	Title Drilling Foreman
Signature <i>Xabier Lasa</i>	Date 11/06/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by .....	Title	Date
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.	Office	

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**  
NOV 13 2008  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**  
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**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)  
  
 NENE Section 19 T8S R17E

5. Lease Serial No.  
 USA UTU-76954

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 FEDERAL 1-19-8-17

9. API Well No.  
 4301333737

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**

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<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 recomplete 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 recompletion 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 6 nov 08 MIRU NDSI Rig #1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & BOP's to 2,000 psi. Test 8-5/8" csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office were notified of test. Pick up BHA and tag cement @ 300'. Drill out cement & shoe. Drill a 7-7/8" hole with fresh water to a measured depth of 6725'. Lay down drill string & BHA. Ran a single pass open hole triple combo log from TD to surface. Pick up & trip in hole with guide shoe, shoe jt, float collar, 171 jt's of 5-1/2" J-55, 15.5# casing. Set @ 6699.43' KB. Cemented with a lead cement of 375 sks mixed @ 11.0 ppg & 3.49 yld followed by a tail cement of 435 sks mixed @ 14.4 ppg & 1.24 yld. Returned 54 bbl cmt to surface. Nipple down BOP's. Set slips @ 108,000 #'s tension. Release rig @ 8:30 PM on 11 nov 08.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Sean Stevens	Title Petroleum Engineer
	Date 11/13/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by _____	Title _____	Date _____
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(Instructions on page 2)

**RECEIVED**  
**NOV 19 2008**  
 DIV. OF OIL, GAS & MINING





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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USA UTU-76954  
6. If Indian, Allottee or Tribe Name.

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

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

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
GREATER BOUNDARY FEDERAL 1198-17

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

9. API Well No.  
4301333737

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3b. Phone (include are code)  
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NENE Section 19 T8S R17E

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	<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 recomplete 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 recompletion 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.)

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I hereby certify that the foregoing is true and correct (Printed/ Typed) Xabier Laso	Title Drilling Foreman
Signature <i>Xabier Laso</i>	Date 11/06/2008

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Office _____		

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(Instructions on page 2)

**RECEIVED**

**DEC 15 2008**

**DIV. OF OIL, GAS & MINING**





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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-76954

**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: 1-19-8-17  
GREATER BOUNDARY FEDERAL

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301333737

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:

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENE, 19, T8S, R17E

STATE: UT

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

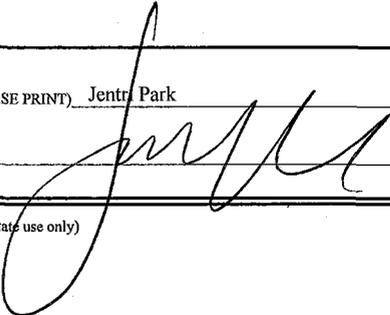
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will  _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  <u>01/09/2009</u>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The above subject well was completed on 12/03/08, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentr Park

TITLE Production Clerk

SIGNATURE 

DATE 01/09/2009

(This space for State use only)

**RECEIVED**  
**JAN 14 2009**  
DIV. OF OIL, GAS & MINING

## Daily Activity Report

Format For Sundry

**GRTR BNDRY II 1-19-8-17**

9/1/2008 To 1/30/2009

**11/20/2008 Day: 1**

**Completion**

Rigless on 11/19/2008 - Instal 5K frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6639' & cement top @ 62'. Perforate stage #1, CP2 sds @ 6330-36', 6303-16' w/ 3-1/8" Slick Guns (19 gram, .49"EH, 120°) w/ 4 spf for total of 64 shots. 158 bbls EWTR. SIFN.

**11/25/2008 Day: 2**

**Completion**

Rigless on 11/24/2008 - Day2a, Stage #1, CP2 sds. RU BJ Services. 90 psi on well. Frac CP2 sds w/ 49,943#'s of 20/40 sand in 497 bbls of Lightning 17 fluid. Broke @ 1990 psi. Treated w/ ave pressure of 1600 psi w/ ave rate of 23.2 BPM. ISIP 1852 psi. Leave pressure on well. 655 BWTR. See day 2b. Day 2b, Stage #2 C sds. RU Phoenix Surverys inc WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug & 8' perf gun. Set plug @ 5700'. Perforate C sds @ 5602-10' w/ 3-1/8" Slick Guns (.39"EH, 19 gram, 120°) w/ 4 spf for total of 32 shots. RU BJ Services. 1460 psi on well. Frac C sds w/ 35,486#'s of 20/40 sand in 394 bbls of Lightning 17 fluid. Broke @ 3824 psi. Treated w/ ave pressure of 1800 psi w/ ave rate of 23.3 BPM. ISIP 2021 psi. Leave pressure on well. 1049 BWTR. See day 2c. Day 2c, Stage #3 D2 sds. RU Phoenix Surverys inc WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug & 8' perf gun. Set plug @ 5480'. Perforate D2 sds @ 5430-38' w/ 3-1/8" Slick Guns (.39"EH, 19 gram, 120°) w/ 4 spf for total of 32 shots. RU BJ Services. 1608 psi on well. Frac D2 sds w/ 35,837#'s of 20/40 sand in 391 bbls of Lightning 17 fluid. Broke @ 1862 psi. Treated w/ ave pressure of 1800 psi w/ ave rate of 23.3 BPM. ISIP 2011 psi. Leave pressure on well. 1440 BWTR. See day 2d. Day 2d, Stage #4 GB6 sds. RU Phoenix Surverys inc WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug & 12' perf gun. Set plug @ 5000'. Perforate GB6 sds @ 4916-28' w/ 3-1/8" Slick Guns (.39"EH, 19 gram, 120°) w/ 4 spf for total of 48 shots. RU BJ Services. 1540 psi on well. Frac GB6 sds w/ 44,082#'s of 20/40 sand in 430 bbls of Lightning 17 fluid. Broke @ 3905 psi. Treated w/ ave pressure of 2250 psi w/ ave rate of 23.2 BPM. ISIP 2482 psi. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 4 hrs. & died. Recovered 540 bbls. SWIFN.

**11/26/2008 Day: 3**

**Completion**

Rigless on 11/25/2008 - MIRU Nabors #823. Bleed off well. ND Cameron BOP & 5m frac head. NU 3m production head & Shaffer BOP. SWIFN.

**11/27/2008 Day: 4**

**Completion**

Nabors #823 on 11/26/2008 - Bleed off well. RIH w/ 4 3/4" chomp bit, bit sub & 100 new 2 7/8" tbg. from pipe rack (tallying & drifting). RU pump. Circulate gas out of well. Cont. RIH w/ tbg. Tag sand @ 4994'. RU powerswivel. C/O to CBP @ 5000'. DU CBP in 35 min. Circulate well clean. Cont. RIH w/ tbg. to 5254'. SWIFN.

**12/2/2008 Day: 5**

**Completion**

Nabors #823 on 12/1/2008 - Bleed off well. Cont. RIH w/ tbg. Tag CBP @ 5480'. DU

✓ CBP in 30 min. Cont. RIH w/ tbg. Tag sand @ 5628'. C/O to CBP @ 5700'. DU CBP in 30 min. Cont. RIH w/ tbg. Tag sand @ 6528'. C/O to PBSD @ 6652'. Circulate well clean. Pull up to 6528'. RIH w/ swab. SFL @ surface. Made 19 runs. Recovered 138 bbls. Trace of oil. No show of sand. EFL @ 1200'. SWIFN.

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**12/3/2008 Day: 6**

**Completion**

Nabors #823 on 12/2/2008 - Bleed off well. Pump 30 bbls water down tbg. RIH w/ tbg. Tag PBSD @ 6652'. Circulate well clean. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 2 jts 2 7/8" tbg, 5 1/2" TAC, 202 jts 2 7/8" tbg. ND BOP. Set TAC w/ 17,000# tension. NU wellhead. Flush tbg. w/ 60 bbls water. X-over for rods. RIH w/ CDI rod pump, 6- 1 1/2" weight bars, 20- 3/4" guided rods, 132- 3/4" slick rods. SWIFN w/ polished rod.

---

**12/4/2008 Day: 7**

**Completion**

Nabors #823 on 12/3/2008 - Bleed off well. Cont. RIH w/ rods. Seat pump. Fill tbg. w/ 2 bbls. Stroke test to 800 psi. Good pump action. RU pumping unit. Hang off rods. RD. Put well on production @ 12:00 p.m. 86" stroke length, 5 spm. Final Report.

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**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-76954

6. If Indian, Allottee or Tribe Name  
NA

7. Unit or CA Agreement Name and No.  
FEDERAL

8. Lease Name and Well No.  
FEDERAL 1-19-8-17

9. AFI Well No. **GB11**  
43-013-33737

10. Field and Pool or Exploratory  
MONUMENT BUTTE

11. Sec., T., R., M., on Block and  
Survey or Area  
SEC. 19, T8S, R17E

12. County or Parish  
DUCHESNE

13. State  
UT

14. Date Spudded  
11/03/2008

15. Date T.D. Reached  
11/10/2008

16. Date Completed 12/03/2008  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
5326' GL 5338' KB

18. Total Depth: MD 6725'  
TVD

19. Plug Back T.D.: MD 6652'  
TVD

20. Depth Bridge Plug Set: MD  
TVD

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

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

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#		314'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#		6699'		375 LEAD 435 TAIL		62'	

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 @ 6413'	TA @ 6284'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER			(CP2)6330-36,6303-16'	.49"	4	64
B) GREEN RIVER			(C) 5602-10'	.49"	4	32
C) GREEN RIVER			(D2) 5430-38'	.49"	4	32
D) GREEN RIVER			(GB6) 4916-4928'	.49"	4	48

26. Perforation Record

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

Depth Interval	Amount and Type of Material
6306-6336'	Frac w/ 49943# of 20/40 sand 497 bbls fluid
5602-5610'	Frac w/ 35486# 20/40 sand 394 bbls fluid
5430-5438'	Frac w/ 35837# 20/40 sand 391 bbls fluid
4916-4928'	Frac w/ 44082# 20/40 sand 430 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
12/03/08	12/30/08	24	→	88	66	45			2-1/2" x 1-1/2" x 14' x 18' RHAC Rod Pump

Choke Size: SI  
Tbg. Press. SI  
Csg. Press. SI  
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: SI  
Tbg. Press. SI  
Csg. Press. SI  
24 Hr. Rate: →  
Oil BBL: →  
Gas MCF: →  
Water BBL: →  
Gas/Oil Ratio: →  
Well Status: →

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

28b. Production - Interval C

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

28c. Production - Interval D

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

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

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	4317' 4522'
				GARDEN GULCH 2 POINT 3	4648' 4942'
				X MRKR Y MRKR	5173' 5208'
				DOUGALS CREEK MRK BI CARBONATE MRK	5337' 5611'
				B LIMESTON MRK CASTLE PEAK	5745' 6223'
				BASAL CARBONATE TOTAL DEPTH (LOGGERS)	6608' 6748'

32. Additional remarks (include plugging procedure):

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

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

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) Tammil Lee      Title Production Clerk  
 Signature *Tammil Lee*      Date 01/15/2009

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.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-76954
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> GB II FED 1-19-8-17
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43013337370000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0361 FNL 1217 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 19 Township: 08.0S Range: 17.0E Meridian: S		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

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 Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/23/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

The subject well has been converted from a producing oil well to an injection well on 12/23/2014. Initial MIT on the above listed well. On 12/23/2014 the casing was pressured up to 1383 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10721

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
January 06, 2015**

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 1/5/2015	

## Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 12 / 23 / 14  
 Test conducted by: Kane Stevenson  
 Others present: \_\_\_\_\_

Well Name: <u>Gleider Boundary Federal</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Management Butte</u>		
Location: <u>1</u> Sec: <u>19</u> T <u>8</u> N/S R <u>17</u> E/W County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>Newfield Exploration</u>		
Last MIT: <u>/ /</u>	Maximum Allowable Pressure:	<u>PSIG</u>

Is this a regularly scheduled test?     Yes     No  
 Initial test for permit?                 Yes     No  
 Test after well rework?                  Yes     No  
 Well injecting during test?              Yes     No    If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: CSG-0 TBG-0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	0 psig	psig	psig
End of test pressure	0 psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	1381 psig	psig	psig
5 minutes	1381 psig	psig	psig
10 minutes	1381 psig	psig	psig
15 minutes	1382 psig	psig	psig
20 minutes	1382 psig	psig	psig
25 minutes	1382 psig	psig	psig
30 minutes	1383 psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test ?     Yes     No

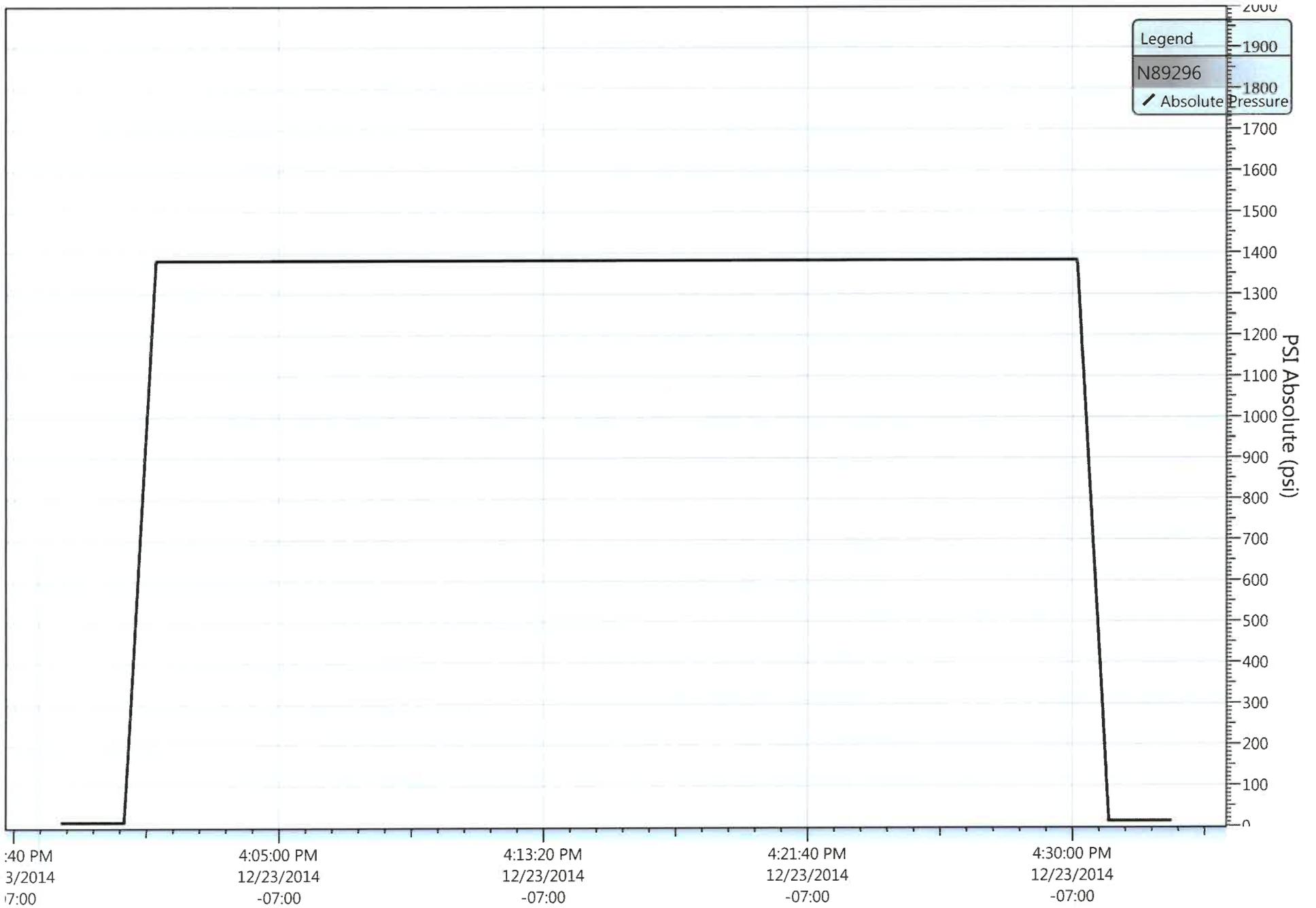
### MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: \_\_\_\_\_

### Greater Boundary Federal 1-19-8-17 (New Conversion) 12/23/2014

12/23/2014 3:56:34 PM



**NEWFIELD**

**Schematic**

**Well Name: Grtr Bndry II 1-19-8-17**

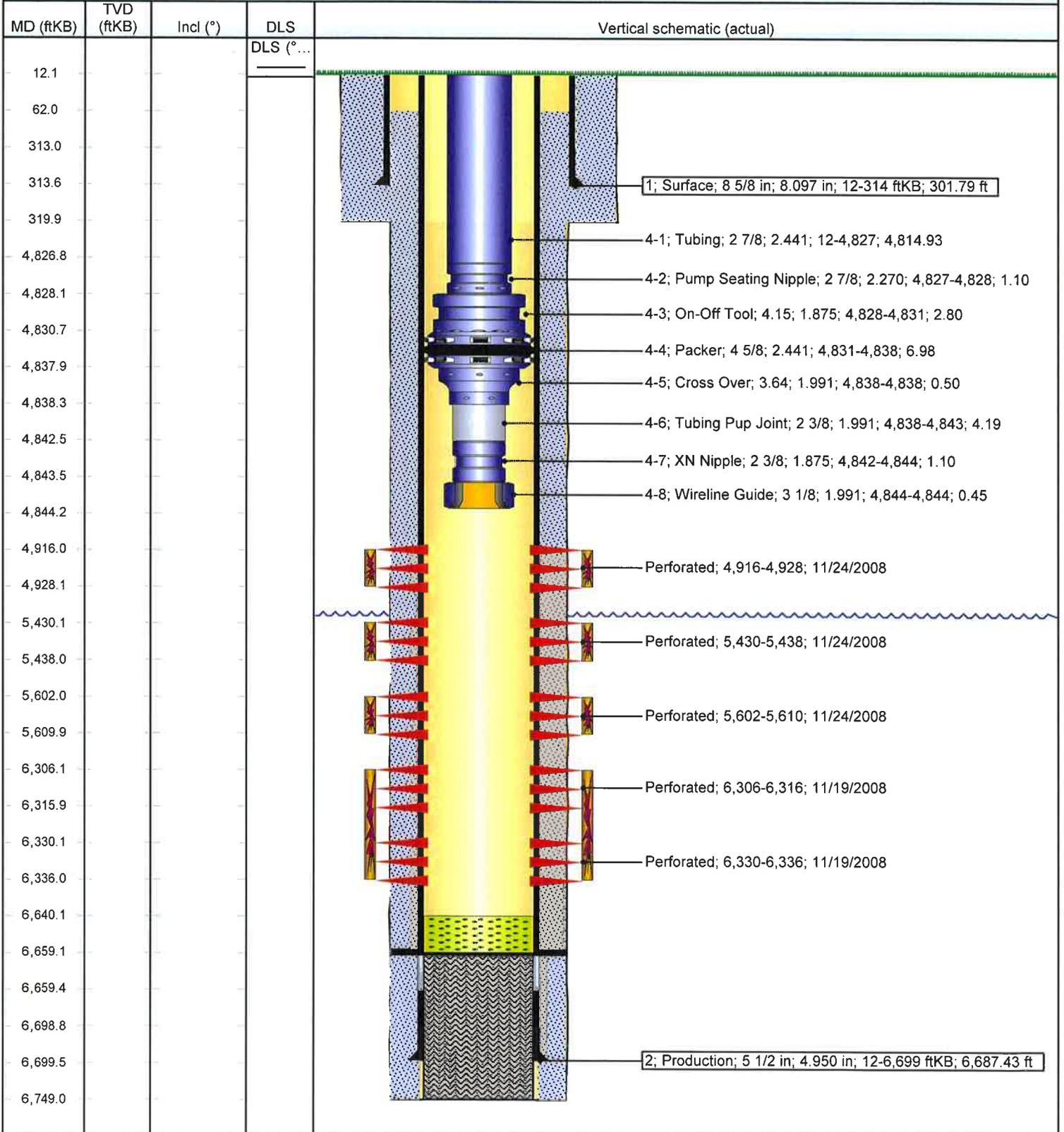
Surface Legal Location 19-8S-17E		API/UWI 43013337370000	Well RC 500178151	Lease	State/Province Utah	Field Name GMBU CTB7	County DUCHESNE
Spud Date 11/3/2008	Rig Release Date 11/11/2008	On Production Date 12/3/2008	Original KB Elevation (ft) 5,338	Ground Elevation (ft) 5,326	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 6,659.0	

**Most Recent Job**

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 12/18/2014	Job End Date 12/23/2014
---------------------------------------	--------------------------------	-----------------------------	------------------------------	----------------------------

**TD: 6,749.0**

Vertical - Original Hole, 1/5/2015 8:14:29 AM



**NEWFIELD****Newfield Wellbore Diagram Data  
Grtr Bndry II 1-19-8-17**

Surface Legal Location 19-8S-17E		API/UWI 43013337370000		Lease	
County DUCHESNE		State/Province Utah		Basin Uintah Basin	
Well Start Date 11/5/2008		Spud Date 11/3/2008		Final Rig Release Date 11/11/2008	
Original KB Elevation (ft) 5,338		Ground Elevation (ft) 5,326		Total Depth (ftKB) 6,749.0	
				Total Depth All (TVD) (ftKB) PBTd (All) (ftKB) Original Hole - 6,659.0	

**Casing Strings**

Csg Des	Run Date	OD (in)	ID (in)	W/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	11/3/2008	8 5/8	8.097	24.00	J-55	314
Production	11/11/2008	5 1/2	4.950	15.50	J-55	6,699

**Cement****String: Surface, 314ftKB 11/4/2008**

Cementing Company BJ Services Company		Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 320.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 2% CaCL2+1/4#sk Cello-Flake		Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0

**String: Production, 6,699ftKB 11/11/2008**

Cementing Company BJ Services Company		Top Depth (ftKB) 62.0	Bottom Depth (ftKB) 6,749.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 05 #/sk static free + 3% bwow potassium chloride + .5 #/sk cello flake + 2 #/sk kol seal		Fluid Type Lead	Amount (sacks) 375	Class Premium Light	Estimated Top (ftKB) 62.0
Fluid Description .05 #/sk static free + 3% bwow potassium chloride + .5% bwoc EC-1		Fluid Type Tail	Amount (sacks) 435	Class 50/50 POZ	Estimated Top (ftKB) 3,405.0

**Tubing Strings**

Tubing Description					Run Date	Set Depth (ftKB)			
Tubing					12/19/2014	4,844.1			
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)	
Tubing	155	2 7/8	2.441	6.50	J-55	4,814.93	12.0	4,826.9	
Pump Seating Nipple	1	2 7/8	2.270			1.10	4,826.9	4,828.0	
On-Off Tool	1	4.151	1.875			2.80	4,828.0	4,830.8	
Packer	1	4 5/8	2.441			6.98	4,830.8	4,837.8	
Cross Over	1	3.635	1.991			0.50	4,837.8	4,838.3	
Tubing Pup Joint	1	2 3/8	1.991			4.19	4,838.3	4,842.5	
XN Nipple	1	2 3/8	1.875			1.10	4,842.5	4,843.6	
Wireline Guide	1	3 1/8	1.991			0.45	4,843.6	4,844.1	

**Rod Strings**

Rod Description					Run Date	Set Depth (ftKB)			
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)		

**Other In Hole**

Des		Top (ftKB)	Btm (ftKB)	Run Date	Pull Date
Fill		6,640	6,659	5/14/2010	

**Perforation Intervals**

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
4	GB6, Original Hole	4,916	4,928	4	120	0.390	11/24/2008
3	D2, Original Hole	5,430	5,438	4	120	0.390	11/24/2008
2	C, Original Hole	5,602	5,610	4	120	0.390	11/24/2008
1	CP2, Original Hole	6,306	6,316	4	120	0.490	11/19/2008
1	CP2, Original Hole	6,330	6,336	4	120	0.490	11/19/2008

**Stimulations & Treatments**

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	1,852	0.73	23.5	2,086			
2	2,021	0.79	23.5	2,100			
3	2,011	0.8	23.6	2,180			
4	2,482	0.94	23.5	2,470			

**Proppant**

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant Sand 49943 lb
2		Proppant Sand 35486 lb
3		Proppant Sand 35837 lb
4		Proppant Sand 44082 lb

**NEWFIELD****Job Detail Summary Report****Well Name: Grtr Bndry II 1-19-8-17****Jobs**

Primary Job Type Conversion	Job Start Date 12/18/2014	Job End Date 12/23/2014
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**Daily Operations**

Report Start Date 12/18/2014	Report End Date 12/18/2014	24hr Activity Summary MIRU
Start Time 14:00	End Time 15:00	Comment Rig Move
Start Time 15:00	End Time 18:00	Comment MIRU NC#4, R/U Preferred H/Oiler To Csg, Pmp 60BW @ 250*, Blow Well Down, R/D Pmp Unit, Pull Pmp Off Seat, Flush Rods & Tbg W/25BW, Soft Seat Rod Pmp, Pmp 40BW, Tbg Would Not Fill, Tbg Volume 35BW, HIT, R/U Rod Eqp, Spot Trailer In To L/D Rod String, Prep To L/D Rod String, SWI, 6:00PM CSDFN
Start Time 18:00	End Time 18:30	Comment C/Trvl
Report Start Date 12/19/2014	Report End Date 12/19/2014	24hr Activity Summary Cont POOH rds, ND WH, NU BOP
Start Time 05:30	End Time 06:00	Comment C/Trvl
Start Time 06:00	End Time 18:00	Comment OWU, Pull Pmp Off Seat, POOH W/ Rod String & L/D Rod String As Shown-1 1/2X26' Polish Rod, 2-2' 7/8 Ponys, 1-8' 7/8 Pony, 92-7/8 4 Pers, 63-3/4 Slick Rods(7 Bad Do To Wear On Tbg), 92-3/4 4 Pers, 6 Wt Bars & 1 Rod Pump, Flush W/30BW Durring Trip To Clean Rods, R/D Rod Eqp, N/D W/H-D, P/U 6' Tbg Pup, N/U BOPs, R/U Rig Flr, R/U Tbg Eqp, Work To Release T/A, Release T/A, L/D 6' Tbg Pup, POOH W/ Tbg String As Shown, 202jts 2 7/8 J-55 Tbg, T/A, 2jts, S/N, 2jts, & N/C, Brake & Dope, 156jts Tbg, L/D 50jts Tbg Total, Flush W/40BW Durring Trip To Clean Inside Of Tbg, P/U & RIH W/ Guide Collar, X/N Nipple, 4' Tbg Pup, X/O, 5 1/2 Weatherford Arrow Set Pkr, On/Off Tool, S/N, SWI, 6:00PM CSDFN
Start Time 18:00	End Time 18:30	Comment C/Trvl
Report Start Date 12/22/2014	Report End Date 12/22/2014	24hr Activity Summary TIH w/ tbg
Start Time 05:30	End Time 06:00	Comment C/Trvl
Start Time 06:00	End Time 18:00	Comment OWU, Tally & TIH W/ 155jts Tbg & Weatherford Injection Pkr Assembly, Watch For Hole, Psr Tst Tbg In Hole, C/E @ 4832.13, EOT @ 4842.09, Pmp 5BW Pad, Drop S/Vlve, Fill W/25BW @ 85*, Install Gauge, Psr Tbg To 3000psi, Watch Prs, Psr Bled Off To 2450psi @ 5psi Per Min, Bump Back Up To 3000psi, Bled Off To 2400psi @ .67psi Per Min, Bump Up To 3000psi, Bled Off To 2400psi @ .33psi Per Min, Bled Psr Off, P/U & RIH W/ 6' Tbg Pup, SWI,
Start Time 18:00	End Time 18:30	Comment C/Trvl
Report Start Date 12/23/2014	Report End Date 12/23/2014	24hr Activity Summary Psr Test Tbg, Pump Paker Fluid, Set Packer, N/U Injection Tree & Psr Test Casing Conduct MIT
Start Time 05:30	End Time 06:00	Comment C/Trvl

**NEWFIELD****Job Detail Summary Report****Well Name: Grtr Bndry II 1-19-8-17**

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Start Time 06:00	End Time 18:00	Comment 6:00AM OWU, L/D 6' Tbg Sub, R/U Preferred H/Oiler & Psr Tbg Up To 3000psi, Psr Fell To 2904psi @ .33psi Per Min & Held For 1 Hour, Good Tst, Bled Psr Off, R/U S/Lne W/Fishing Tool, P/U & RIH, Latch Onto S/Vive, Pull Off Seat, POOH W/S/Vive, L/D & R/D S/Lne, P/U 6' Tbg Pup, R/D Tbg Eqp, R/D Rig Flr, Tighten Up W/H-D, R/D BOPs, N/U W/H-D, Pmp 60BW W/ Pkr Fluid In It Down Csg, N/D W/H-D, Set Pkr In 17K# Tension, L/D 6' Tbg Pup, L/D W/H-D Flange, N/U Injection Tree, Fill Csg W/10BW, Psr Csg Up To 1500psi, Pst Fell To 1400psi @ .67psi Per Min & Held 1400psi For One Hour, Call For MIT, Wait On MIT Hand, R/U MIT Hand, MIT Well, Initial MIT on the above listed well. On 12/23/2014 the casing was pressured up to 1383 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10721 R/D & M/O NC#4 csdfn
Start Time 18:00	End Time 18:30	Comment C/TRVL

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<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>	
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.	
<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-76954	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)	<b>8. WELL NAME and NUMBER:</b> GB II FED 1-19-8-17
<b>1. TYPE OF WELL</b> Water Injection Well	<b>9. API NUMBER:</b> 43013337370000
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0361 FNL 1217 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 19 Township: 08.0S Range: 17.0E Meridian: S	<b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH

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 Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/23/2015	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The above reference well was put on injection at 10:45 AM on  
04/23/2015.

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
 FOR RECORD ONLY  
 June 29, 2016**

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/29/2016	