



October 31, 2008

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

RE: Directional Drilling
Greater Boundary II Federal M-3-9-17
Greater Boundary II Unit
UTU-77098X
Surface Hole: T9S R17E, Section 3: NESW
2067' FSL 2024' FWL
Bottom Hole: T9S R17E, Section 3
2630' FNL 2615' FWL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated October 29, 2008, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

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

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

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

Sincerely,

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

Roxann Eveland
Land Associate

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NOV 05 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

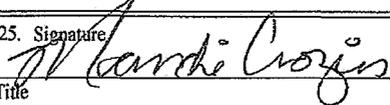
APPLICATION FOR PERMIT TO DRILL OR REENTER

| | | |
|--|--|--|
| 1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER | | 5. Lease Serial No. UTU-61252 |
| 1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone | | 6. If Indian, Allottee or Tribe Name NA |
| 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 M-3-9-17 |
| 3b. Phone No. (include area code) (435) 646-3721 | | 9. API Well No. |
| 4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NE/SW 2067' FSL 2024' FWL At proposed prod. zone 2630' FNL 2615' FWL | | 10. Field and Pool, or Exploratory Monument Butte |
| 14. Distance in miles and direction from nearest town or post office* Approximately 14.2 miles southeast of Myton, UT | | 11. Sec., T. R. M. or Blk. and Survey or Area Sec. 3, T9S R17E |
| 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 10' f/lse, 1330' f/unit | 16. No. of acres in lease 120.06 | 17. Spacing Unit dedicated to this well 20 Acres |
| 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1348' | 19. Proposed Depth 6,085' | 20. BLM/BIA Bond No. on file WYB000493 |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5123' GL | 22. Approximate date work will start* 1 st Qtr. 2009 | 23. Estimated duration (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, must 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 must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM. |

| | | |
|--|--|------------------|
| 25. Signature  | Name (Printed/Typed) Mandie Crozier | Date 10/29/08 |
| Title Regulatory Specialist | | |

| | | |
|-------------------------|----------------------|------|
| Approved by (Signature) | Name (Printed/Typed) | Date |
| Title | Office | |

Application approval 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.
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.

(Continued on page 2)

*(Instructions on page 2)

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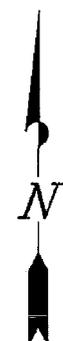
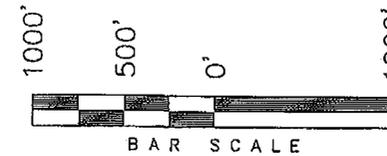
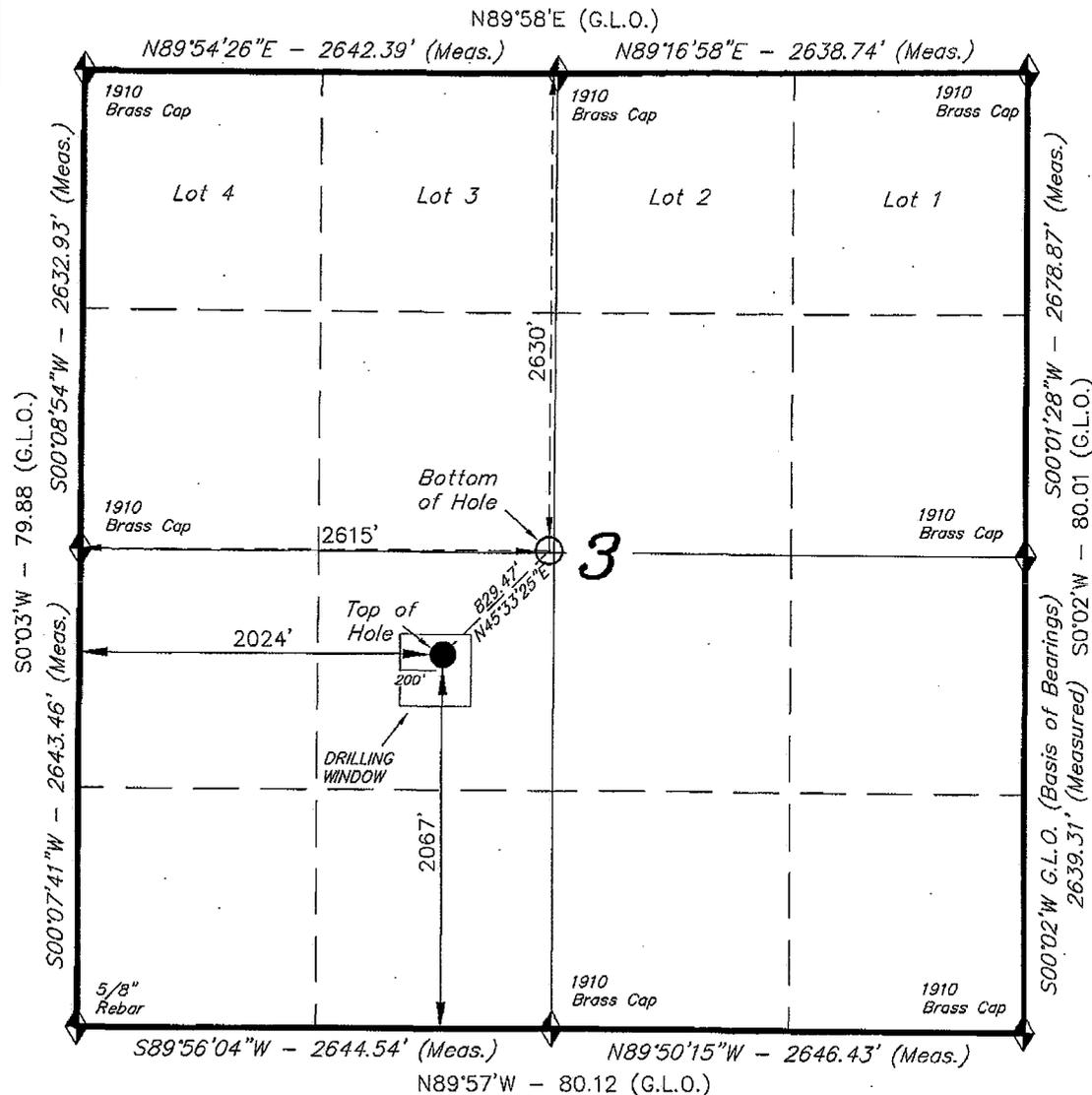
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DIV. OF OIL, GAS & MINING

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

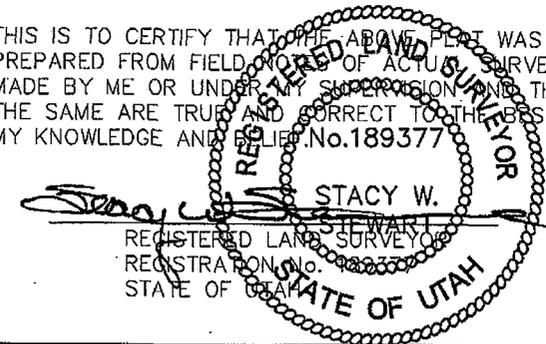
NEWFIELD PRODUCTION COMPANY

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



WELL LOCATION:
GREATER BOUNDARY M-3-9-17
ELEV. EXIST. GRADED GROUND = 5123'

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



TRI STATE LAND SURVEYING & CONSULTING

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

| | |
|----------------------------|-------------------|
| DATE SURVEYED: 07-10-08 | SURVEYED BY: T.H. |
| DATE DRAWN: 07-16-08 | DRAWN BY: F.T.M. |
| REVISED: | SCALE: 1" = 1000' |

◆ = SECTION CORNERS LOCATED

GREATER BOUNDARY M-3-9-17
(Surface Location) NAD 83
LATITUDE = 40° 03' 30.18"
LONGITUDE = 109° 59' 41.77"

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

| | |
|--|---|
| 5. Lease Serial No. UTU-61252 | |
| 6. If Indian, Allottee or Tribe Name NA | |
| 7. If Unit or CA Agreement, Name and No. Greater Boundary II | |
| 8. Lease Name and Well No. Greater Boundary II Federal M-3-9-17 | |
| 9. API Well No. 43-013-3428 | |
| 1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER | 10. Field and Pool, or Exploratory Monument Butte |
| 1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone | 11. Sec., T. R. M. or Blk. and Survey or Area Sec. 3, T9S R17E |
| 2. Name of Operator Newfield Production Company | 12. County or Parish Duchesne |
| 3a. Address Route #3 Box 3630, Myton UT 84052 | 13. State UT |
| 3b. Phone No. (include area code) (435) 646-3721 | |
| 4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NE/SW 2067' FSL 2024' FWL At proposed prod. zone 2630' FNL 2615' FWL | |
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- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the BLM.

| | | |
|---|---|------------------|
| 25. Signature <i>Mandie Crozier</i> | Name (Printed/Typed) Mandie Crozier | Date 10/29/08 |
| Title Regulatory Specialist | | |
| Approved by (Signature) <i>Bradley G. Hill</i> | Name (Printed/Typed) BRADLEY G. HILL | Date 11-8-08 |
| Title Regulatory Specialist | Office ENVIRONMENTAL MANAGER | |

Application approval 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.
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(Continued on page 2)

*(Instructions on page 2)

Surf

Federal Approval of this
Action is Necessary

BHL

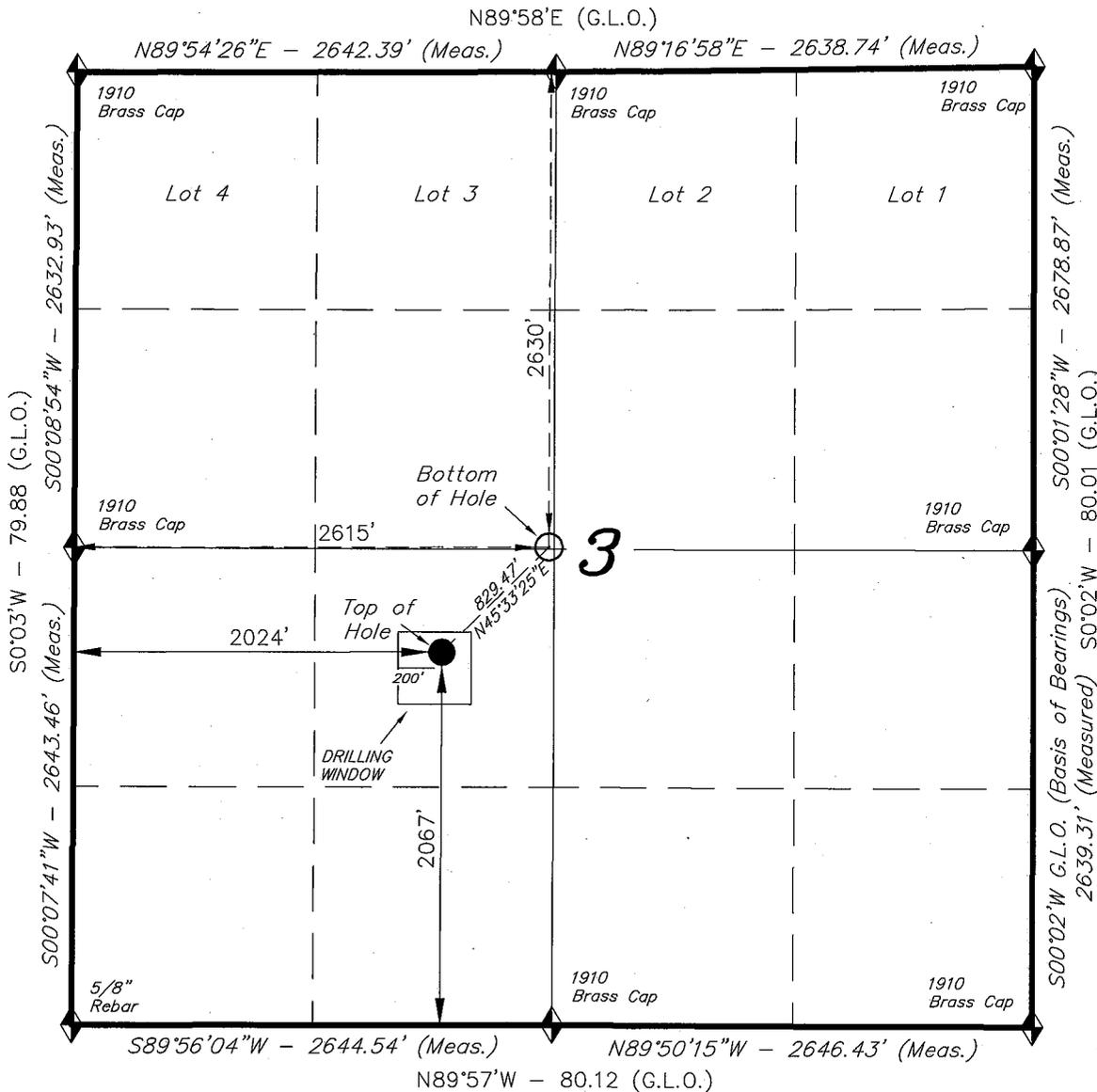
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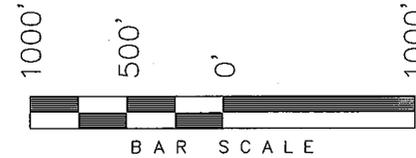
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T9S, R17E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

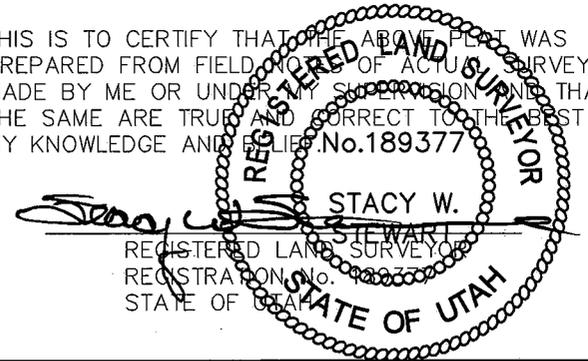


WELL LOCATION, GREATER BOUNDARY M-3-9-17, LOCATED AS SHOWN IN THE NE 1/4 SW 1/4 OF SECTION 3, T9S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



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GREATER BOUNDARY M-3-9-17
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◆ = SECTION CORNERS LOCATED

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

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| | |
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| DATE SURVEYED: 07-10-08 | SURVEYED BY: T.H. |
| DATE DRAWN: 07-16-08 | DRAWN BY: F.T.M. |
| REVISED: | SCALE: 1" = 1000' |

NEWFIELD PRODUCTION COMPANY
GREATER BOUNDARY II FEDERAL M-3-9-17
AT SURFACE: NE/SW SECTION 3, T9S, R17E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:
Uinta formation of Upper Eocene Age
2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:
Uinta 0' – 1435'
Green River 1435'
Wasatch 6085'
3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:
Green River Formation 1435' – 6085' - 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 M-3-9-17
AT SURFACE: NE/SW SECTION 3, T9S, R17E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

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

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly - 11.8 miles \pm to it's junction with an existing dirt road to the northeast; proceed northeasterly - 0.9 miles \pm to it's junction with an existing dirt road to the southeast; proceed southeasterly - 0.1 miles \pm to the existing Riviera 3-11-9-17 well lcoation.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Riviera 3-11-9-17 well pad. See attached Topographic Map "B".

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the Riviera 3-11-9-17 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Greater Boundary II Federal M-3-9-17. All permanent surface equipment will be painted Carlsbad Canyon.

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

Johnson Water District
Water Right : 43-7478

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

Newfield Collector Well

Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

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

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Greater Boundary II Federal M-3-9-17 will be drilled off of the existing Riviera 3-11-9-17 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

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

12. **OTHER ADDITIONAL INFORMATION**

Newfield Production Company requests 490' of disturbed area be granted in Lease UTU-44004 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP. In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies. A **cactus survey** will be required prior to construction of the water injection line.

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #08-252, 10/2/08. Paleontological Resource Survey prepared by, Wade E. Miller, 10/9/08. See attached report cover pages, Exhibit "D".

Water Disposal

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

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

Threatened, Endangered, And Other Sensitive Species

Ferruginous Hawk: Due to this proposed well location's proximity (less than 0.5 mile) to an existing inactive ferruginous hawk nest site, no new construction or surface disturbing activities will be allowed between March 1 and July 31. If the nest remains inactive on May 30th (based on a pre-

pre-construction survey by a qualified biologist), the operator may construct and drill the location after that date. If the nest site becomes active prior to May 30, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Reserve Pit Liner

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

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

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

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

Details of the On-Site Inspection

The proposed Greater Boundary II Federal M-3-9-17 was on-sited on 8/13/08. The following were present; Kevan Stevens (Newfield Production), Michael Cutler (Bureau of Land Management), Dave Gordon (Bureau of Land Management), and James Herford (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

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

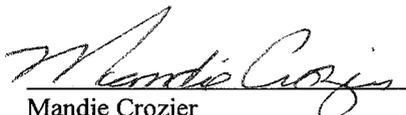
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #M-3-9-17 NE/SW Section 3, Township 9S, Range 17E: Lease UTU-61252 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

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

10/29/08

Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company



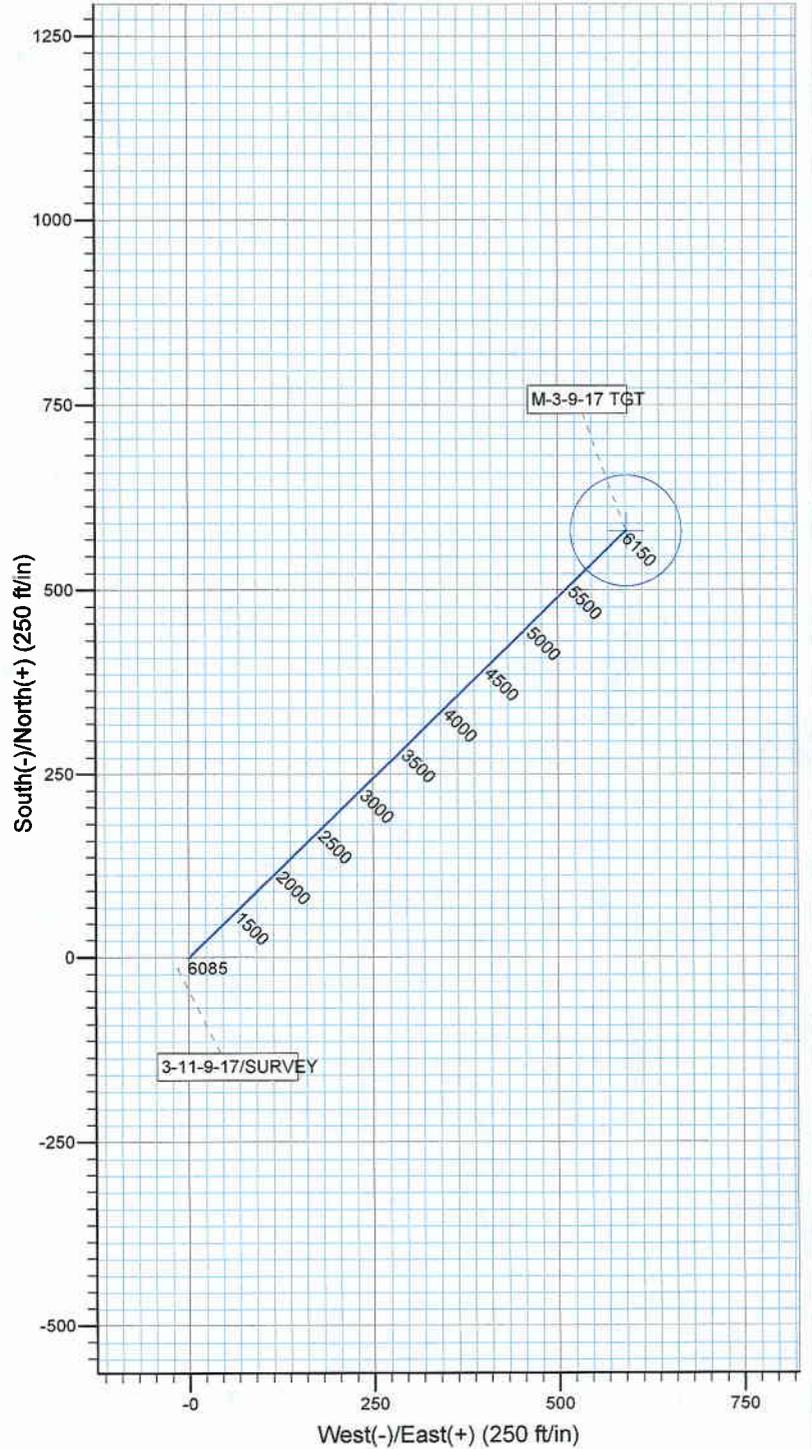
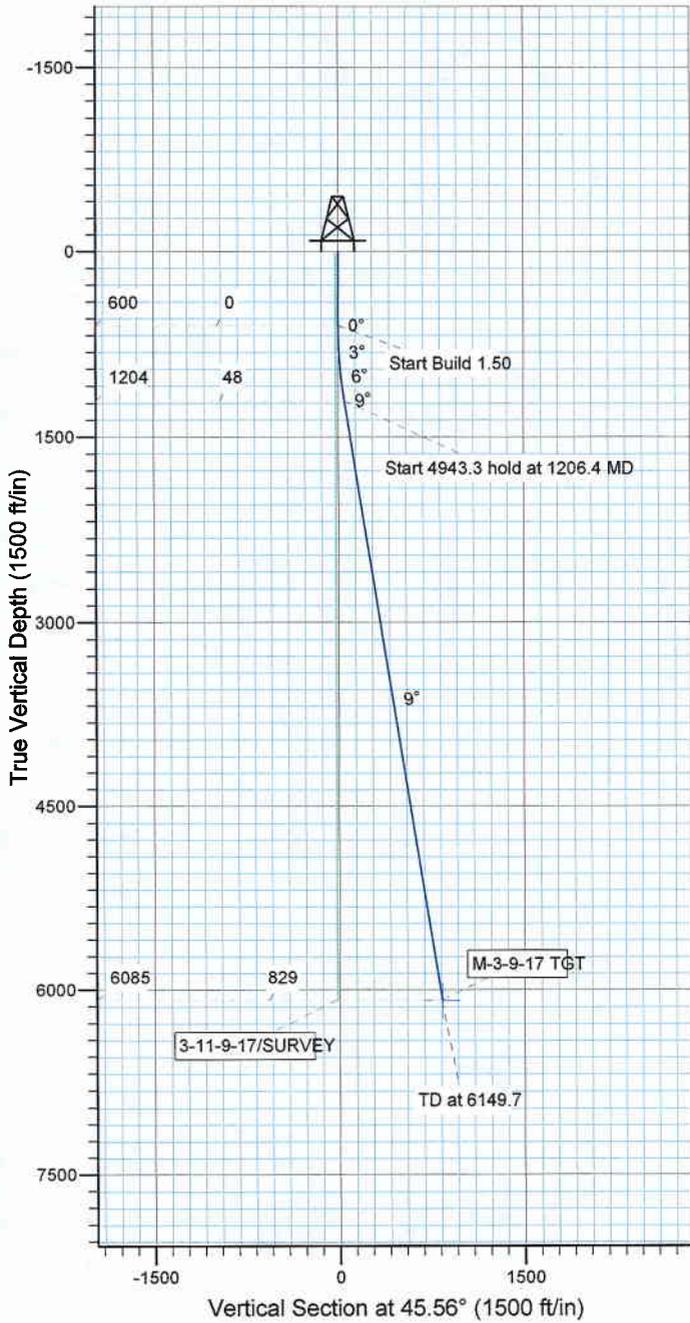
Project: USGS Myton SW (UT)
 Site: SECTION 3 T9S, R17E
 Well: M-3-9-17
 Wellbore: Wellbore #1
 Design: Design #1

KOP @ 600'
 DOGLEG RATE 1.5 DEG/100'
 TARGET RADIUS 75'



Azimuths to True North
 Magnetic North: 11.63°

Magnetic Field
 Strength: 52593.1nT
 Dip Angle: 65.90°
 Date: 8/27/2008
 Model: IGRF200510



WELLBORE TARGET DETAILS

| Name | TVD | +N-S | +E-W | Shape |
|--------------|--------|-------|-------|-----------------------|
| M-3-9-17 TGT | 6085.0 | 580.8 | 592.2 | Circle (Radius: 75.0) |

SECTION DETAILS

| Sec | MD | Inc | Azi | TVD | +N-S | +E-W | DLeg | TFace | VSec | Target |
|-----|--------|------|-------|--------|-------|-------|------|-------|-------|--------------|
| 1 | 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 2 | 600.0 | 0.00 | 0.00 | 600.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 3 | 1206.4 | 9.10 | 45.56 | 1203.8 | 33.6 | 34.3 | 1.50 | 45.56 | 48.0 | |
| 4 | 6149.7 | 9.10 | 45.56 | 6085.0 | 580.8 | 592.2 | 0.00 | 0.00 | 829.5 | M-3-9-17 TGT |



NEWFIELD



NEWFIELD EXPLORATION

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

Wellbore #1

Plan: Design #1

Standard Planning Report

28 August, 2008

HATHAWAY HB BURNHAM
DIRECTIONAL & MWD SERVICES



Hathaway Burnham

Planning Report



Database: EDM 2003.21 Single User Db
Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 3 T9S, R17E
Well: M-3-9-17
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well M-3-9-17
TVD Reference: M-3-9-17 @ 5135.0ft
MD Reference: M-3-9-17 @ 5135.0ft
North Reference: True
Survey Calculation Method: Minimum Curvature

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

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

| | | | | | | |
|-----------------------------|---|-----------|----------------------------|-----------------|----------------------|-------------------|
| Well | M-3-9-17, SHL LAT: 40 03 30.18, LONG: -109 59 41.77 | | | | | |
| Well Position | +N/-S | -610.1 ft | Northing: | 7,193,534.18 ft | Latitude: | 40° 3' 30.180 N |
| | +E/-W | -349.1 ft | Easting: | 2,061,661.25 ft | Longitude: | 109° 59' 41.770 W |
| Position Uncertainty | | 0.0 ft | Wellhead Elevation: | ft | Ground Level: | 0.0 ft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF200510 | 8/27/2008 | 11.63 | 65.90 | 52,593 |

| | | | | | |
|--------------------------|------------------------------|-------------------|----------------------|----------------------|--|
| Design | Design #1 | | | | |
| Audit Notes: | | | | | |
| Version: | Phase: | PROTOTYPE | Tie On Depth: | 0.0 | |
| Vertical Section: | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft) | Direction (°) | |
| | 0.0 | 0.0 | 0.0 | 45.56 | |

| Plan Sections | | | | | | | | | | |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|----------------------|---------------------|---------|--------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | TFO (°) | Target |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 600.0 | 0.00 | 0.00 | 600.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,206.4 | 9.10 | 45.56 | 1,203.8 | 33.6 | 34.3 | 1.50 | 1.50 | 0.00 | 45.56 | |
| 6,149.7 | 9.10 | 45.56 | 6,085.0 | 580.8 | 592.2 | 0.00 | 0.00 | 0.00 | 0.00 | M-3-9-17 TGT |



Hathaway Burnham

Planning Report



Database: EDM 2003.21 Single User Db
Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 3 T9S, R17E
Well: M-3-9-17
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well M-3-9-17
TVD Reference: M-3-9-17 @ 5135.0ft
MD Reference: M-3-9-17 @ 5135.0ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 50.0 | 0.00 | 0.00 | 50.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 100.0 | 0.00 | 0.00 | 100.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 150.0 | 0.00 | 0.00 | 150.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 200.0 | 0.00 | 0.00 | 200.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 250.0 | 0.00 | 0.00 | 250.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 300.0 | 0.00 | 0.00 | 300.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 350.0 | 0.00 | 0.00 | 350.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 400.0 | 0.00 | 0.00 | 400.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 450.0 | 0.00 | 0.00 | 450.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 500.0 | 0.00 | 0.00 | 500.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 550.0 | 0.00 | 0.00 | 550.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 600.0 | 0.00 | 0.00 | 600.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 650.0 | 0.75 | 45.56 | 650.0 | 0.2 | 0.2 | 0.3 | 1.50 | 1.50 | 0.00 |
| 700.0 | 1.50 | 45.56 | 700.0 | 0.9 | 0.9 | 1.3 | 1.50 | 1.50 | 0.00 |
| 750.0 | 2.25 | 45.56 | 750.0 | 2.1 | 2.1 | 2.9 | 1.50 | 1.50 | 0.00 |
| 800.0 | 3.00 | 45.56 | 799.9 | 3.7 | 3.7 | 5.2 | 1.50 | 1.50 | 0.00 |
| 850.0 | 3.75 | 45.56 | 849.8 | 5.7 | 5.8 | 8.2 | 1.50 | 1.50 | 0.00 |
| 900.0 | 4.50 | 45.56 | 899.7 | 8.2 | 8.4 | 11.8 | 1.50 | 1.50 | 0.00 |
| 950.0 | 5.25 | 45.56 | 949.5 | 11.2 | 11.4 | 16.0 | 1.50 | 1.50 | 0.00 |
| 1,000.0 | 6.00 | 45.56 | 999.3 | 14.7 | 14.9 | 20.9 | 1.50 | 1.50 | 0.00 |
| 1,050.0 | 6.75 | 45.56 | 1,049.0 | 18.5 | 18.9 | 26.5 | 1.50 | 1.50 | 0.00 |
| 1,100.0 | 7.50 | 45.56 | 1,098.6 | 22.9 | 23.3 | 32.7 | 1.50 | 1.50 | 0.00 |
| 1,150.0 | 8.25 | 45.56 | 1,148.1 | 27.7 | 28.2 | 39.5 | 1.50 | 1.50 | 0.00 |
| 1,200.0 | 9.00 | 45.56 | 1,197.5 | 32.9 | 33.6 | 47.0 | 1.50 | 1.50 | 0.00 |
| 1,206.4 | 9.10 | 45.56 | 1,203.8 | 33.6 | 34.3 | 48.0 | 1.50 | 1.50 | 0.00 |
| 1,250.0 | 9.10 | 45.56 | 1,246.9 | 38.5 | 39.2 | 54.9 | 0.00 | 0.00 | 0.00 |
| 1,300.0 | 9.10 | 45.56 | 1,296.3 | 44.0 | 44.9 | 62.8 | 0.00 | 0.00 | 0.00 |
| 1,350.0 | 9.10 | 45.56 | 1,345.7 | 49.5 | 50.5 | 70.7 | 0.00 | 0.00 | 0.00 |
| 1,400.0 | 9.10 | 45.56 | 1,395.0 | 55.1 | 56.1 | 78.6 | 0.00 | 0.00 | 0.00 |
| 1,450.0 | 9.10 | 45.56 | 1,444.4 | 60.6 | 61.8 | 86.5 | 0.00 | 0.00 | 0.00 |
| 1,500.0 | 9.10 | 45.56 | 1,493.8 | 66.1 | 67.4 | 94.4 | 0.00 | 0.00 | 0.00 |
| 1,550.0 | 9.10 | 45.56 | 1,543.1 | 71.7 | 73.1 | 102.3 | 0.00 | 0.00 | 0.00 |
| 1,600.0 | 9.10 | 45.56 | 1,592.5 | 77.2 | 78.7 | 110.3 | 0.00 | 0.00 | 0.00 |
| 1,650.0 | 9.10 | 45.56 | 1,641.9 | 82.7 | 84.4 | 118.2 | 0.00 | 0.00 | 0.00 |
| 1,700.0 | 9.10 | 45.56 | 1,691.2 | 88.3 | 90.0 | 126.1 | 0.00 | 0.00 | 0.00 |
| 1,750.0 | 9.10 | 45.56 | 1,740.6 | 93.8 | 95.6 | 134.0 | 0.00 | 0.00 | 0.00 |
| 1,800.0 | 9.10 | 45.56 | 1,790.0 | 99.3 | 101.3 | 141.9 | 0.00 | 0.00 | 0.00 |
| 1,850.0 | 9.10 | 45.56 | 1,839.4 | 104.9 | 106.9 | 149.8 | 0.00 | 0.00 | 0.00 |
| 1,900.0 | 9.10 | 45.56 | 1,888.7 | 110.4 | 112.6 | 157.7 | 0.00 | 0.00 | 0.00 |
| 1,950.0 | 9.10 | 45.56 | 1,938.1 | 115.9 | 118.2 | 165.6 | 0.00 | 0.00 | 0.00 |
| 2,000.0 | 9.10 | 45.56 | 1,987.5 | 121.5 | 123.9 | 173.5 | 0.00 | 0.00 | 0.00 |
| 2,050.0 | 9.10 | 45.56 | 2,036.8 | 127.0 | 129.5 | 181.4 | 0.00 | 0.00 | 0.00 |
| 2,100.0 | 9.10 | 45.56 | 2,086.2 | 132.5 | 135.2 | 189.3 | 0.00 | 0.00 | 0.00 |
| 2,150.0 | 9.10 | 45.56 | 2,135.6 | 138.1 | 140.8 | 197.2 | 0.00 | 0.00 | 0.00 |
| 2,200.0 | 9.10 | 45.56 | 2,185.0 | 143.6 | 146.4 | 205.1 | 0.00 | 0.00 | 0.00 |
| 2,250.0 | 9.10 | 45.56 | 2,234.3 | 149.1 | 152.1 | 213.0 | 0.00 | 0.00 | 0.00 |
| 2,300.0 | 9.10 | 45.56 | 2,283.7 | 154.7 | 157.7 | 220.9 | 0.00 | 0.00 | 0.00 |
| 2,350.0 | 9.10 | 45.56 | 2,333.1 | 160.2 | 163.4 | 228.8 | 0.00 | 0.00 | 0.00 |
| 2,400.0 | 9.10 | 45.56 | 2,382.4 | 165.7 | 169.0 | 236.7 | 0.00 | 0.00 | 0.00 |
| 2,450.0 | 9.10 | 45.56 | 2,431.8 | 171.3 | 174.7 | 244.6 | 0.00 | 0.00 | 0.00 |
| 2,500.0 | 9.10 | 45.56 | 2,481.2 | 176.8 | 180.3 | 252.5 | 0.00 | 0.00 | 0.00 |
| 2,550.0 | 9.10 | 45.56 | 2,530.6 | 182.3 | 185.9 | 260.4 | 0.00 | 0.00 | 0.00 |
| 2,600.0 | 9.10 | 45.56 | 2,579.9 | 187.9 | 191.6 | 268.3 | 0.00 | 0.00 | 0.00 |

Database: EDM 2003.21 Single User Db
 Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 3 T9S, R17E
 Well: M-3-9-17
 Wellbore: Wellbore #1
 Design: Design #1

Local Co-ordinate Reference: Well M-3-9-17
 TVD Reference: M-3-9-17 @ 5135.0ft
 MD Reference: M-3-9-17 @ 5135.0ft
 North Reference: True
 Survey Calculation Method: Minimum Curvature

Planned Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 2,650.0 | 9.10 | 45.56 | 2,629.3 | 193.4 | 197.2 | 276.2 | 0.00 | 0.00 | 0.00 |
| 2,700.0 | 9.10 | 45.56 | 2,678.7 | 198.9 | 202.9 | 284.1 | 0.00 | 0.00 | 0.00 |
| 2,750.0 | 9.10 | 45.56 | 2,728.0 | 204.5 | 208.5 | 292.0 | 0.00 | 0.00 | 0.00 |
| 2,800.0 | 9.10 | 45.56 | 2,777.4 | 210.0 | 214.2 | 299.9 | 0.00 | 0.00 | 0.00 |
| 2,850.0 | 9.10 | 45.56 | 2,826.8 | 215.5 | 219.8 | 307.9 | 0.00 | 0.00 | 0.00 |
| 2,900.0 | 9.10 | 45.56 | 2,876.2 | 221.1 | 225.4 | 315.8 | 0.00 | 0.00 | 0.00 |
| 2,950.0 | 9.10 | 45.56 | 2,925.5 | 226.6 | 231.1 | 323.7 | 0.00 | 0.00 | 0.00 |
| 3,000.0 | 9.10 | 45.56 | 2,974.9 | 232.1 | 236.7 | 331.6 | 0.00 | 0.00 | 0.00 |
| 3,050.0 | 9.10 | 45.56 | 3,024.3 | 237.7 | 242.4 | 339.5 | 0.00 | 0.00 | 0.00 |
| 3,100.0 | 9.10 | 45.56 | 3,073.6 | 243.2 | 248.0 | 347.4 | 0.00 | 0.00 | 0.00 |
| 3,150.0 | 9.10 | 45.56 | 3,123.0 | 248.8 | 253.7 | 355.3 | 0.00 | 0.00 | 0.00 |
| 3,200.0 | 9.10 | 45.56 | 3,172.4 | 254.3 | 259.3 | 363.2 | 0.00 | 0.00 | 0.00 |
| 3,250.0 | 9.10 | 45.56 | 3,221.8 | 259.8 | 264.9 | 371.1 | 0.00 | 0.00 | 0.00 |
| 3,300.0 | 9.10 | 45.56 | 3,271.1 | 265.4 | 270.6 | 379.0 | 0.00 | 0.00 | 0.00 |
| 3,350.0 | 9.10 | 45.56 | 3,320.5 | 270.9 | 276.2 | 386.9 | 0.00 | 0.00 | 0.00 |
| 3,400.0 | 9.10 | 45.56 | 3,369.9 | 276.4 | 281.9 | 394.8 | 0.00 | 0.00 | 0.00 |
| 3,450.0 | 9.10 | 45.56 | 3,419.2 | 282.0 | 287.5 | 402.7 | 0.00 | 0.00 | 0.00 |
| 3,500.0 | 9.10 | 45.56 | 3,468.6 | 287.5 | 293.2 | 410.6 | 0.00 | 0.00 | 0.00 |
| 3,550.0 | 9.10 | 45.56 | 3,518.0 | 293.0 | 298.8 | 418.5 | 0.00 | 0.00 | 0.00 |
| 3,600.0 | 9.10 | 45.56 | 3,567.4 | 298.6 | 304.5 | 426.4 | 0.00 | 0.00 | 0.00 |
| 3,650.0 | 9.10 | 45.56 | 3,616.7 | 304.1 | 310.1 | 434.3 | 0.00 | 0.00 | 0.00 |
| 3,700.0 | 9.10 | 45.56 | 3,666.1 | 309.6 | 315.7 | 442.2 | 0.00 | 0.00 | 0.00 |
| 3,750.0 | 9.10 | 45.56 | 3,715.5 | 315.2 | 321.4 | 450.1 | 0.00 | 0.00 | 0.00 |
| 3,800.0 | 9.10 | 45.56 | 3,764.8 | 320.7 | 327.0 | 458.0 | 0.00 | 0.00 | 0.00 |
| 3,850.0 | 9.10 | 45.56 | 3,814.2 | 326.2 | 332.7 | 465.9 | 0.00 | 0.00 | 0.00 |
| 3,900.0 | 9.10 | 45.56 | 3,863.6 | 331.8 | 338.3 | 473.8 | 0.00 | 0.00 | 0.00 |
| 3,950.0 | 9.10 | 45.56 | 3,913.0 | 337.3 | 344.0 | 481.7 | 0.00 | 0.00 | 0.00 |
| 4,000.0 | 9.10 | 45.56 | 3,962.3 | 342.8 | 349.6 | 489.6 | 0.00 | 0.00 | 0.00 |
| 4,050.0 | 9.10 | 45.56 | 4,011.7 | 348.4 | 355.2 | 497.5 | 0.00 | 0.00 | 0.00 |
| 4,100.0 | 9.10 | 45.56 | 4,061.1 | 353.9 | 360.9 | 505.5 | 0.00 | 0.00 | 0.00 |
| 4,150.0 | 9.10 | 45.56 | 4,110.4 | 359.4 | 366.5 | 513.4 | 0.00 | 0.00 | 0.00 |
| 4,200.0 | 9.10 | 45.56 | 4,159.8 | 365.0 | 372.2 | 521.3 | 0.00 | 0.00 | 0.00 |
| 4,250.0 | 9.10 | 45.56 | 4,209.2 | 370.5 | 377.8 | 529.2 | 0.00 | 0.00 | 0.00 |
| 4,300.0 | 9.10 | 45.56 | 4,258.6 | 376.0 | 383.5 | 537.1 | 0.00 | 0.00 | 0.00 |
| 4,350.0 | 9.10 | 45.56 | 4,307.9 | 381.6 | 389.1 | 545.0 | 0.00 | 0.00 | 0.00 |
| 4,400.0 | 9.10 | 45.56 | 4,357.3 | 387.1 | 394.7 | 552.9 | 0.00 | 0.00 | 0.00 |
| 4,450.0 | 9.10 | 45.56 | 4,406.7 | 392.6 | 400.4 | 560.8 | 0.00 | 0.00 | 0.00 |
| 4,500.0 | 9.10 | 45.56 | 4,456.0 | 398.2 | 406.0 | 568.7 | 0.00 | 0.00 | 0.00 |
| 4,550.0 | 9.10 | 45.56 | 4,505.4 | 403.7 | 411.7 | 576.6 | 0.00 | 0.00 | 0.00 |
| 4,600.0 | 9.10 | 45.56 | 4,554.8 | 409.2 | 417.3 | 584.5 | 0.00 | 0.00 | 0.00 |
| 4,650.0 | 9.10 | 45.56 | 4,604.2 | 414.8 | 423.0 | 592.4 | 0.00 | 0.00 | 0.00 |
| 4,700.0 | 9.10 | 45.56 | 4,653.5 | 420.3 | 428.6 | 600.3 | 0.00 | 0.00 | 0.00 |
| 4,750.0 | 9.10 | 45.56 | 4,702.9 | 425.8 | 434.2 | 608.2 | 0.00 | 0.00 | 0.00 |
| 4,800.0 | 9.10 | 45.56 | 4,752.3 | 431.4 | 439.9 | 616.1 | 0.00 | 0.00 | 0.00 |
| 4,850.0 | 9.10 | 45.56 | 4,801.6 | 436.9 | 445.5 | 624.0 | 0.00 | 0.00 | 0.00 |
| 4,900.0 | 9.10 | 45.56 | 4,851.0 | 442.4 | 451.2 | 631.9 | 0.00 | 0.00 | 0.00 |
| 4,950.0 | 9.10 | 45.56 | 4,900.4 | 448.0 | 456.8 | 639.8 | 0.00 | 0.00 | 0.00 |
| 5,000.0 | 9.10 | 45.56 | 4,949.8 | 453.5 | 462.5 | 647.7 | 0.00 | 0.00 | 0.00 |
| 5,050.0 | 9.10 | 45.56 | 4,999.1 | 459.0 | 468.1 | 655.6 | 0.00 | 0.00 | 0.00 |
| 5,100.0 | 9.10 | 45.56 | 5,048.5 | 464.6 | 473.8 | 663.5 | 0.00 | 0.00 | 0.00 |
| 5,150.0 | 9.10 | 45.56 | 5,097.9 | 470.1 | 479.4 | 671.4 | 0.00 | 0.00 | 0.00 |
| 5,200.0 | 9.10 | 45.56 | 5,147.2 | 475.6 | 485.0 | 679.3 | 0.00 | 0.00 | 0.00 |
| 5,250.0 | 9.10 | 45.56 | 5,196.6 | 481.2 | 490.7 | 687.2 | 0.00 | 0.00 | 0.00 |
| 5,300.0 | 9.10 | 45.56 | 5,246.0 | 486.7 | 496.3 | 695.1 | 0.00 | 0.00 | 0.00 |

Database: EDM 2003.21 Single User Db
Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 3 T9S, R17E
Well: M-3-9-17
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well M-3-9-17
TVD Reference: M-3-9-17 @ 5135.0ft
MD Reference: M-3-9-17 @ 5135.0ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 5,350.0 | 9.10 | 45.56 | 5,295.4 | 492.3 | 502.0 | 703.1 | 0.00 | 0.00 | 0.00 |
| 5,400.0 | 9.10 | 45.56 | 5,344.7 | 497.8 | 507.6 | 711.0 | 0.00 | 0.00 | 0.00 |
| 5,450.0 | 9.10 | 45.56 | 5,394.1 | 503.3 | 513.3 | 718.9 | 0.00 | 0.00 | 0.00 |
| 5,500.0 | 9.10 | 45.56 | 5,443.5 | 508.9 | 518.9 | 726.8 | 0.00 | 0.00 | 0.00 |
| 5,550.0 | 9.10 | 45.56 | 5,492.8 | 514.4 | 524.5 | 734.7 | 0.00 | 0.00 | 0.00 |
| 5,600.0 | 9.10 | 45.56 | 5,542.2 | 519.9 | 530.2 | 742.6 | 0.00 | 0.00 | 0.00 |
| 5,650.0 | 9.10 | 45.56 | 5,591.6 | 525.5 | 535.8 | 750.5 | 0.00 | 0.00 | 0.00 |
| 5,700.0 | 9.10 | 45.56 | 5,641.0 | 531.0 | 541.5 | 758.4 | 0.00 | 0.00 | 0.00 |
| 5,750.0 | 9.10 | 45.56 | 5,690.3 | 536.5 | 547.1 | 766.3 | 0.00 | 0.00 | 0.00 |
| 5,800.0 | 9.10 | 45.56 | 5,739.7 | 542.1 | 552.8 | 774.2 | 0.00 | 0.00 | 0.00 |
| 5,850.0 | 9.10 | 45.56 | 5,789.1 | 547.6 | 558.4 | 782.1 | 0.00 | 0.00 | 0.00 |
| 5,900.0 | 9.10 | 45.56 | 5,838.4 | 553.1 | 564.0 | 790.0 | 0.00 | 0.00 | 0.00 |
| 5,950.0 | 9.10 | 45.56 | 5,887.8 | 558.7 | 569.7 | 797.9 | 0.00 | 0.00 | 0.00 |
| 6,000.0 | 9.10 | 45.56 | 5,937.2 | 564.2 | 575.3 | 805.8 | 0.00 | 0.00 | 0.00 |
| 6,050.0 | 9.10 | 45.56 | 5,986.6 | 569.7 | 581.0 | 813.7 | 0.00 | 0.00 | 0.00 |
| 6,100.0 | 9.10 | 45.56 | 6,035.9 | 575.3 | 586.6 | 821.6 | 0.00 | 0.00 | 0.00 |
| 6,149.7 | 9.10 | 45.56 | 6,085.0 | 580.8 | 592.2 | 829.5 | 0.00 | 0.00 | 0.00 |

M-3-9-17 TGT

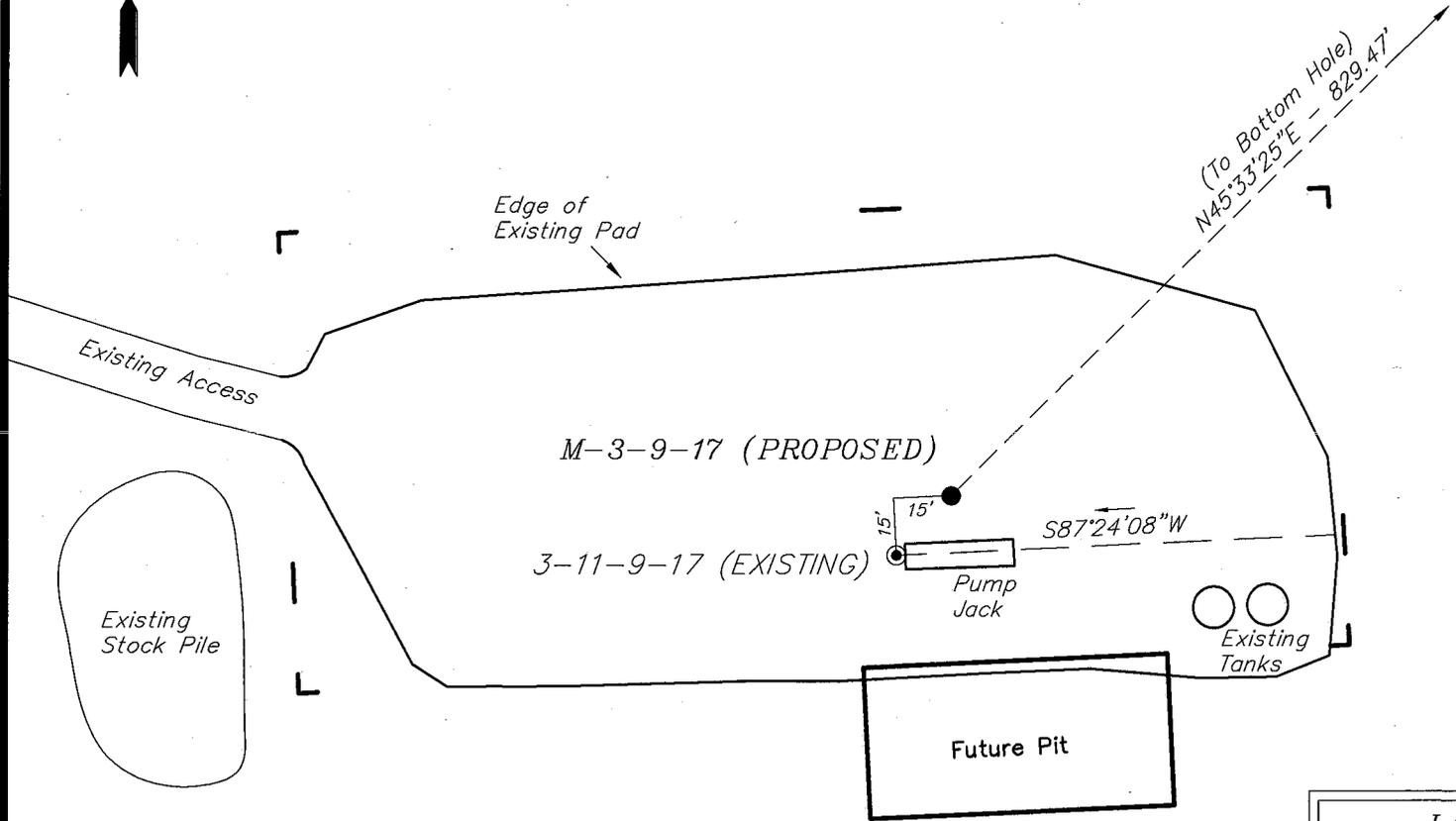
NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

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

GREATER BOUNDARY 3-11-9-17 (Existing Well)

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



TOP HOLE FOOTAGES

M-3-9-17 (PROPOSED)
2067' FSL & 2024' FWL

BOTTOM HOLE FOOTAGES

M-3-9-17 (PROPOSED)
2630' FNL & 2615' FWL

Note:
Bearings are based on
GLO Information.

| <i>RELATIVE COORDINATES</i> | | |
|-------------------------------------|-------|------|
| <i>From top hole to bottom hole</i> | | |
| WELL | NORTH | EAST |
| M-3-9-17 | 581' | 592' |

| <i>LATITUDE & LONGITUDE</i> | | |
|---|----------------|-----------------|
| <i>Surface position of Wells (NAD 83)</i> | | |
| WELL | LATITUDE | LONGITUDE |
| M-3-9-17 | 40° 03' 30.18" | 109° 59' 41.77" |
| 3-11-9-17 | 40° 03' 30.03" | 109° 59' 41.96" |

| | |
|-------------------|-------------------------|
| SURVEYED BY: T.H. | DATE SURVEYED: 07-10-08 |
| DRAWN BY: F.T.M. | DATE DRAWN: 07-16-08 |
| SCALE: 1" = 50' | REVISED: |

Tri State
Land Surveying, Inc.

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

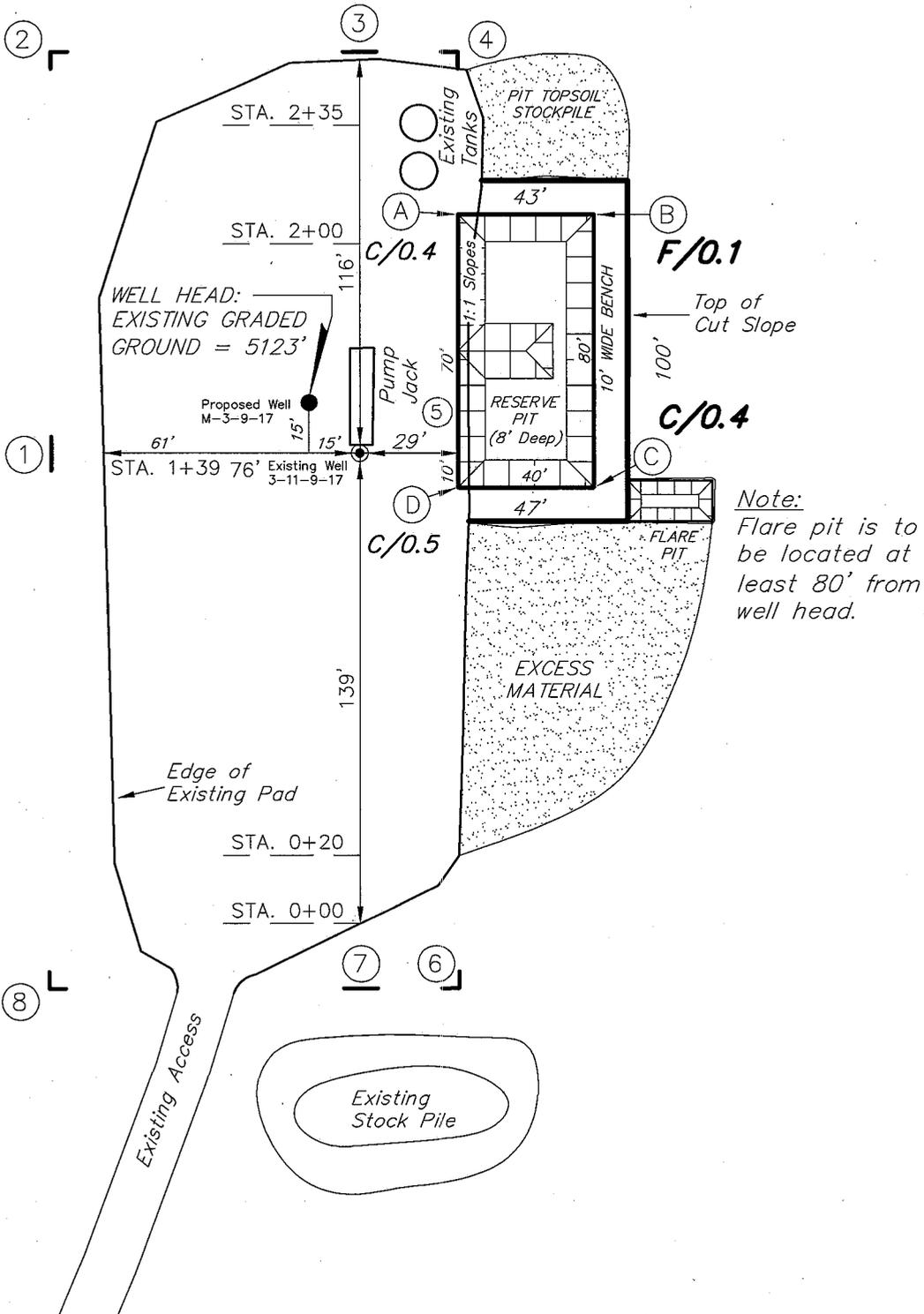
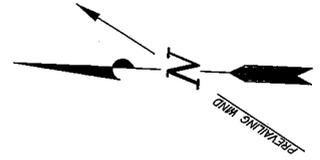
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

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

GREATER BOUNDARY 3-11-9-17 (Existing Well)

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



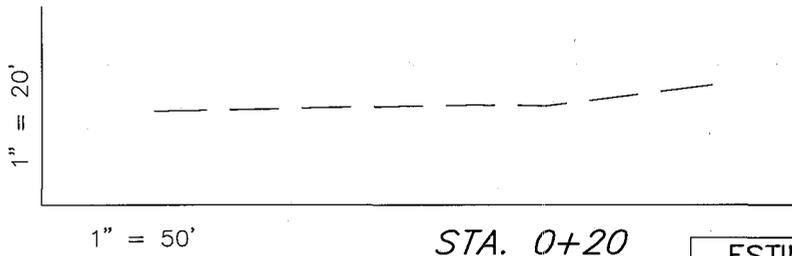
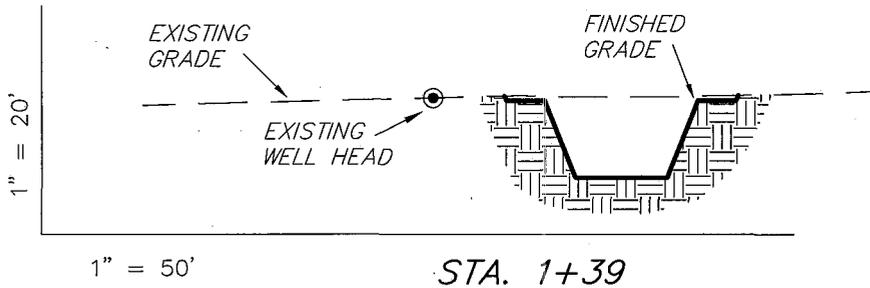
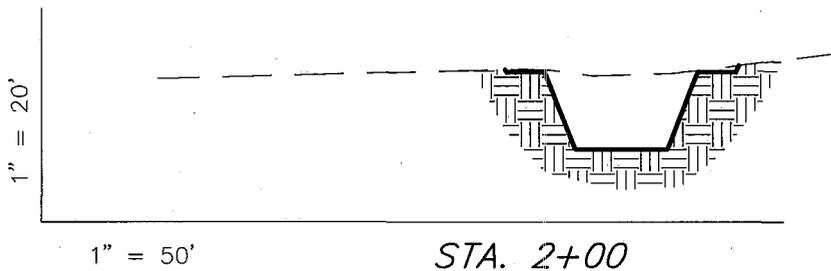
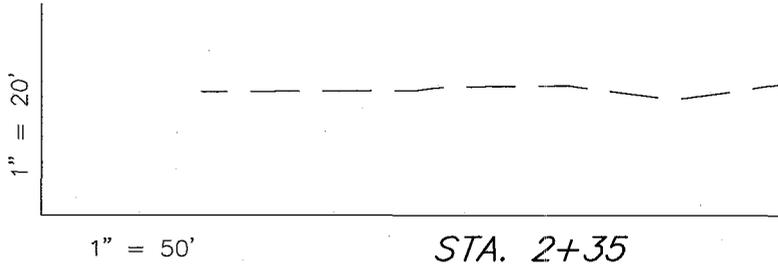
| | |
|-------------------|-------------------------|
| SURVEYED BY: T.H. | DATE SURVEYED: 07-10-08 |
| DRAWN BY: F.T.M. | DATE DRAWN: 07-16-08 |
| SCALE: 1" = 50' | REVISED: |

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

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

GREATER BOUNDARY M-3-9-17 (Proposed Well)
 GREATER BOUNDARY 3-11-9-17 (Existing Well)



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

ESTIMATED EARTHWORK QUANTITIES
 (No Shrink or swell adjustments have been used)
 (Expressed in Cubic Yards)

| ITEM | CUT | FILL | 6" TOPSOIL | EXCESS |
|--------|-----|------|------------------------------------|--------|
| PAD | 70 | 10 | Topsoil is not included in Pad Cut | 60 |
| PIT | 640 | 0 | | 640 |
| TOTALS | 710 | 10 | 120 | 700 |

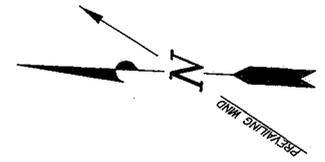
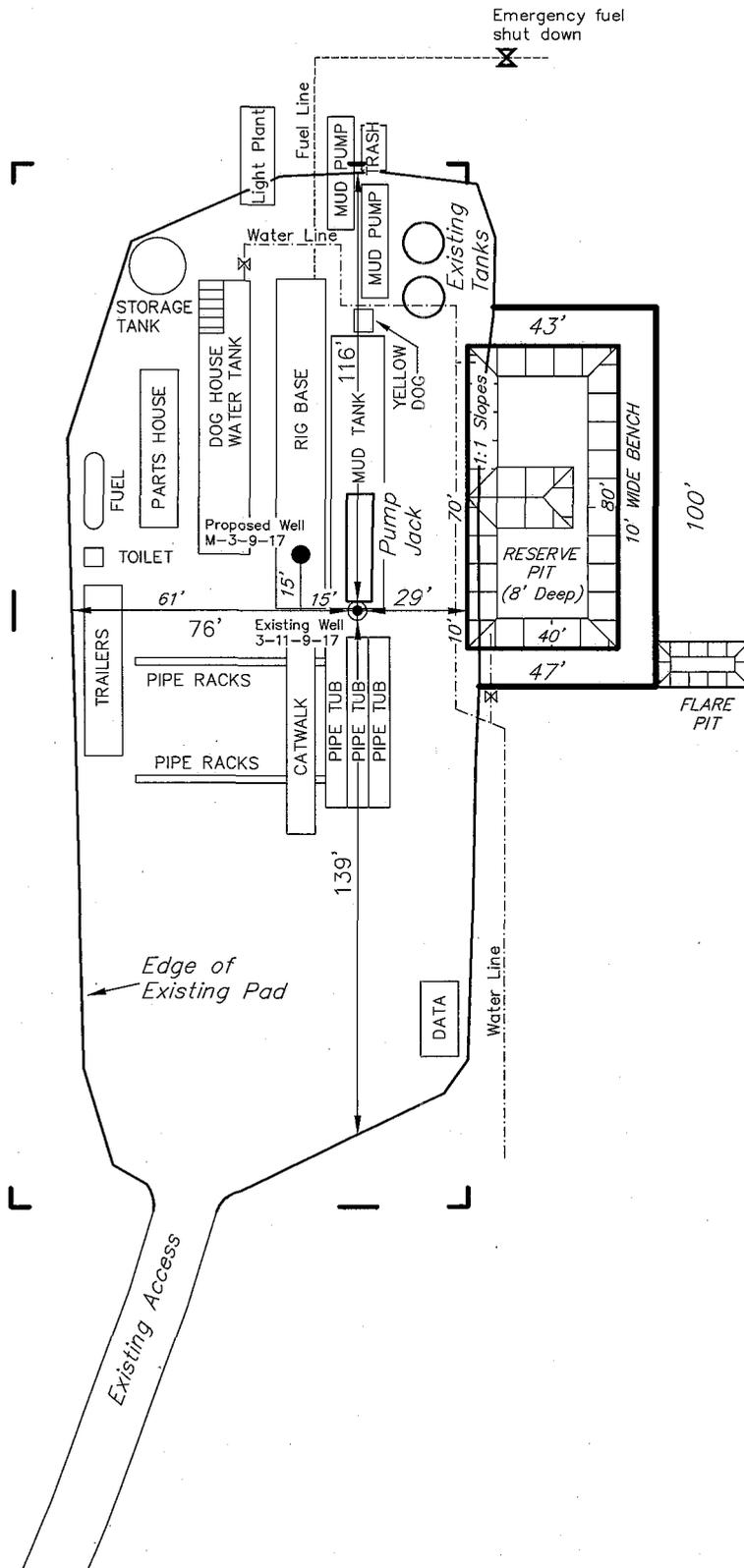
| | |
|-------------------|-------------------------|
| SURVEYED BY: T.H. | DATE SURVEYED: 07-10-08 |
| DRAWN BY: F.T.M. | DATE DRAWN: 07-16-08 |
| SCALE: 1" = 50' | REVISED: |

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

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

GREATER BOUNDARY M-3-9-17 (Proposed Well)
 GREATER BOUNDARY 3-11-9-17 (Existing Well)



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

| | |
|-------------------|-------------------------|
| SURVEYED BY: T.H. | DATE SURVEYED: 07-10-08 |
| DRAWN BY: F.T.M. | DATE DRAWN: 07-16-08 |
| SCALE: 1" = 50' | REVISED: |

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

Newfield Production Company Proposed Site Facility Diagram

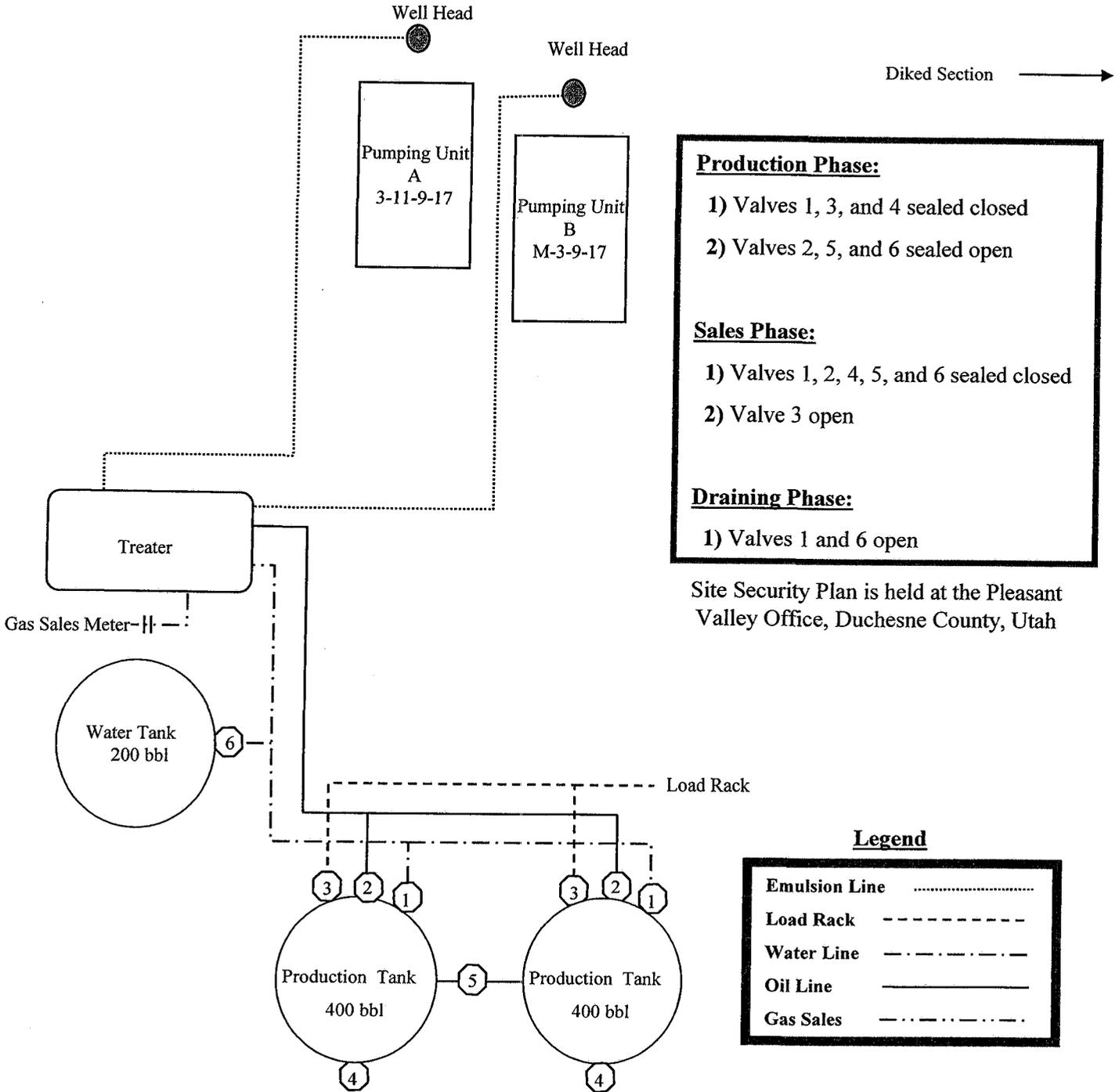
Greater Boundary II Federal M-3-9-17

From the 3-11-9-17 Location

NE/SW Sec. 3 T9S, R17E

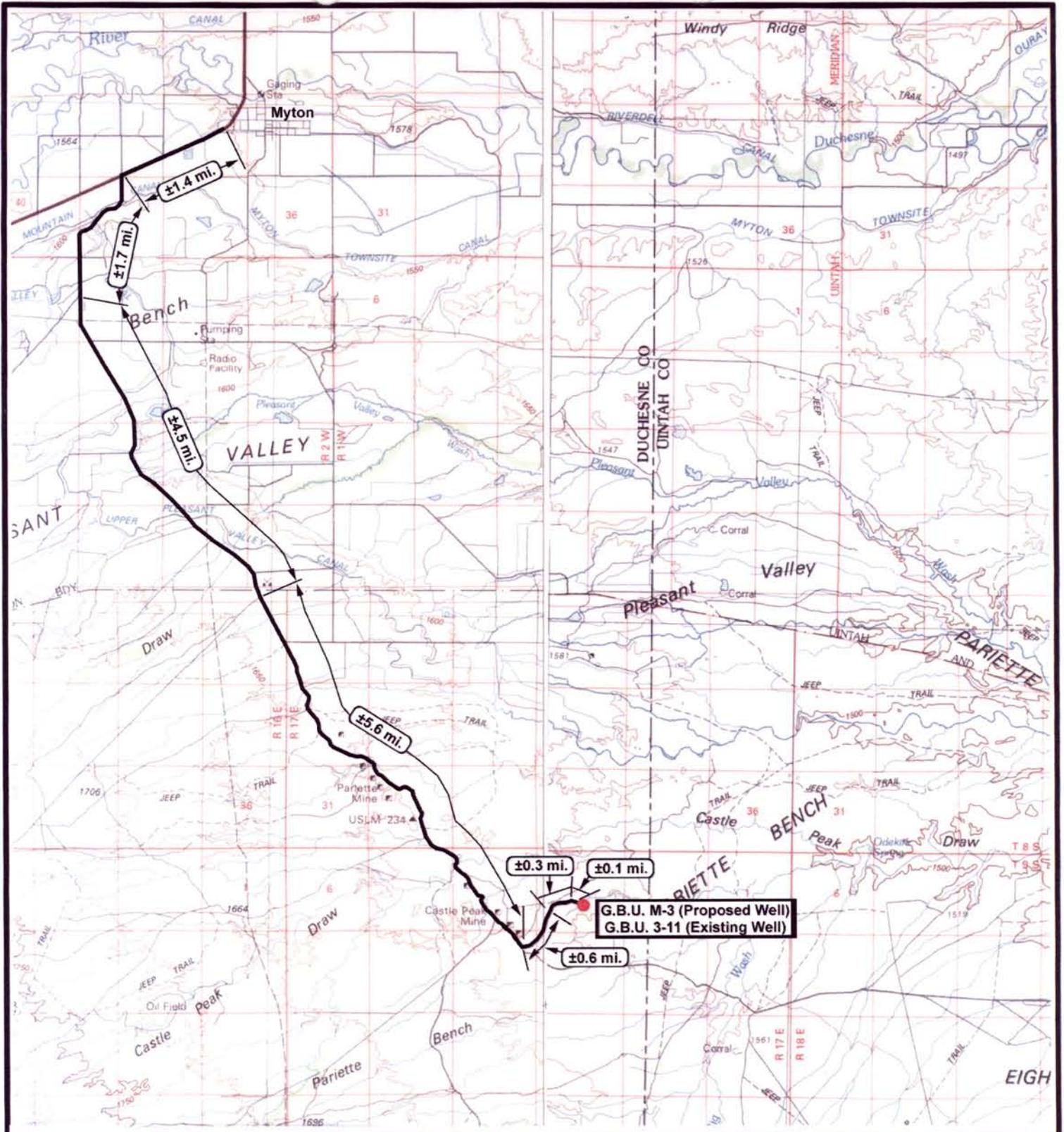
Duchesne County, Utah

UTU-61252



- Production Phase:**
- 1) Valves 1, 3, and 4 sealed closed
 - 2) Valves 2, 5, and 6 sealed open
- Sales Phase:**
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
 - 2) Valve 3 open
- Draining Phase:**
- 1) Valves 1 and 6 open

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




NEWFIELD
Exploration Company

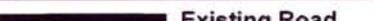
Greater Boundary M-3-9-17 (Proposed Well)
Greater Boundary 3-11-9-17 (Existing Well)
 Pad Location NESW SEC. 3, T9S, R17E, S.L.B.&M.




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

SCALE: 1 = 100,000
 DRAWN BY: JAS
 DATE: 08-12-2008

Legend

 Existing Road

TOPOGRAPHIC MAP
"A"



NEWFIELD
Exploration Company

Greater Boundary M-3-9-17 (Proposed Well)
Greater Boundary 3-11-9-17 (Existing Well)
Pad Location NESW SEC. 3, T9S, R17E, S.L.B.&M.



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

SCALE: 1" = 2,000'

DRAWN BY: JAS

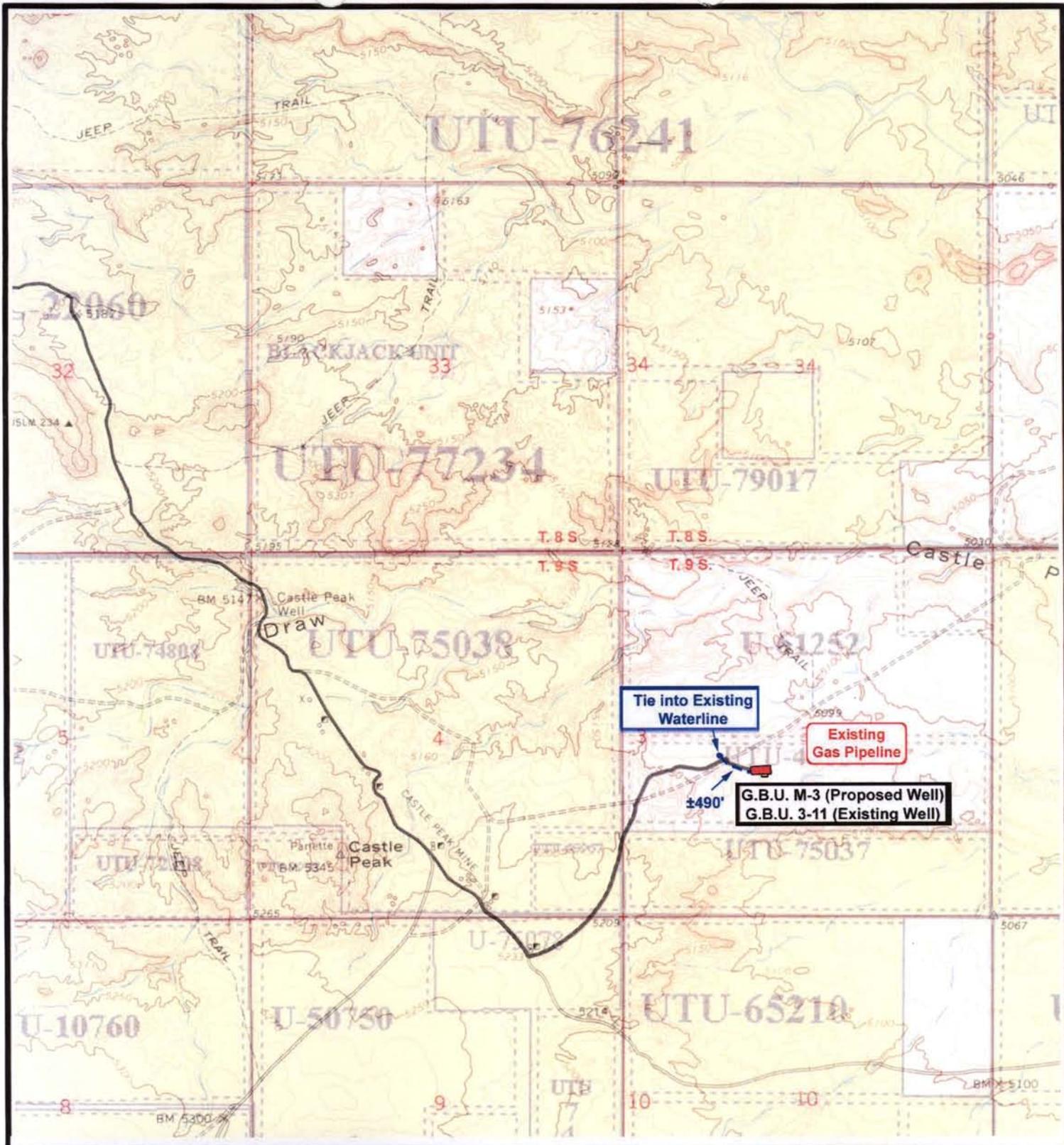
DATE: 08-12-2008

Legend

Existing Road

TOPOGRAPHIC MAP

"B"



NEWFIELD
Exploration Company

Greater Boundary M-3-9-17 (Proposed Well)
Greater Boundary 3-11-9-17 (Existing Well)
 Pad Location NESW SEC. 3, T9S, R17E, S.L.B.&M.



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

SCALE: 1" = 2,000'

DRAWN BY: JAS

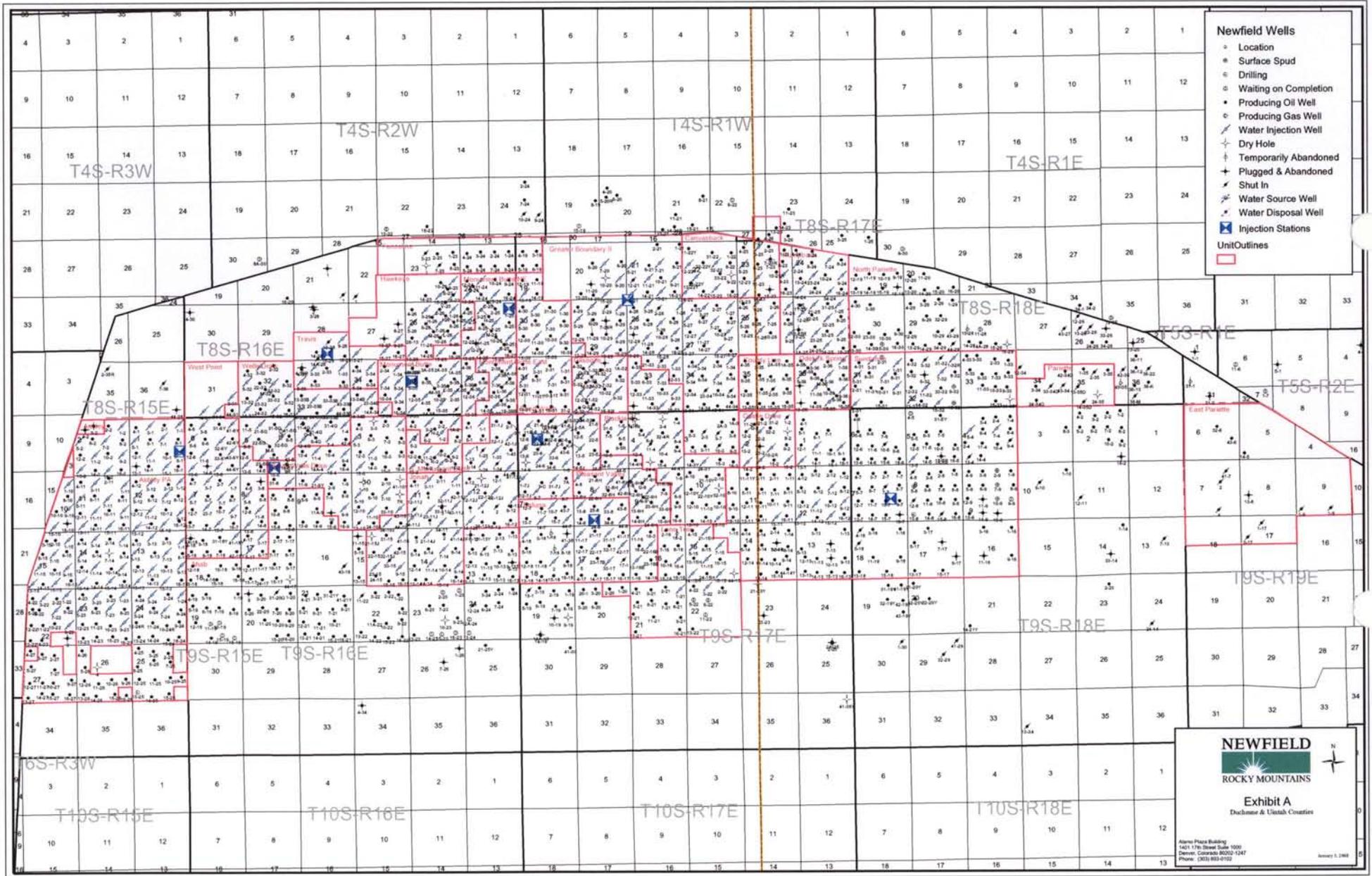
DATE: 08-12-2008

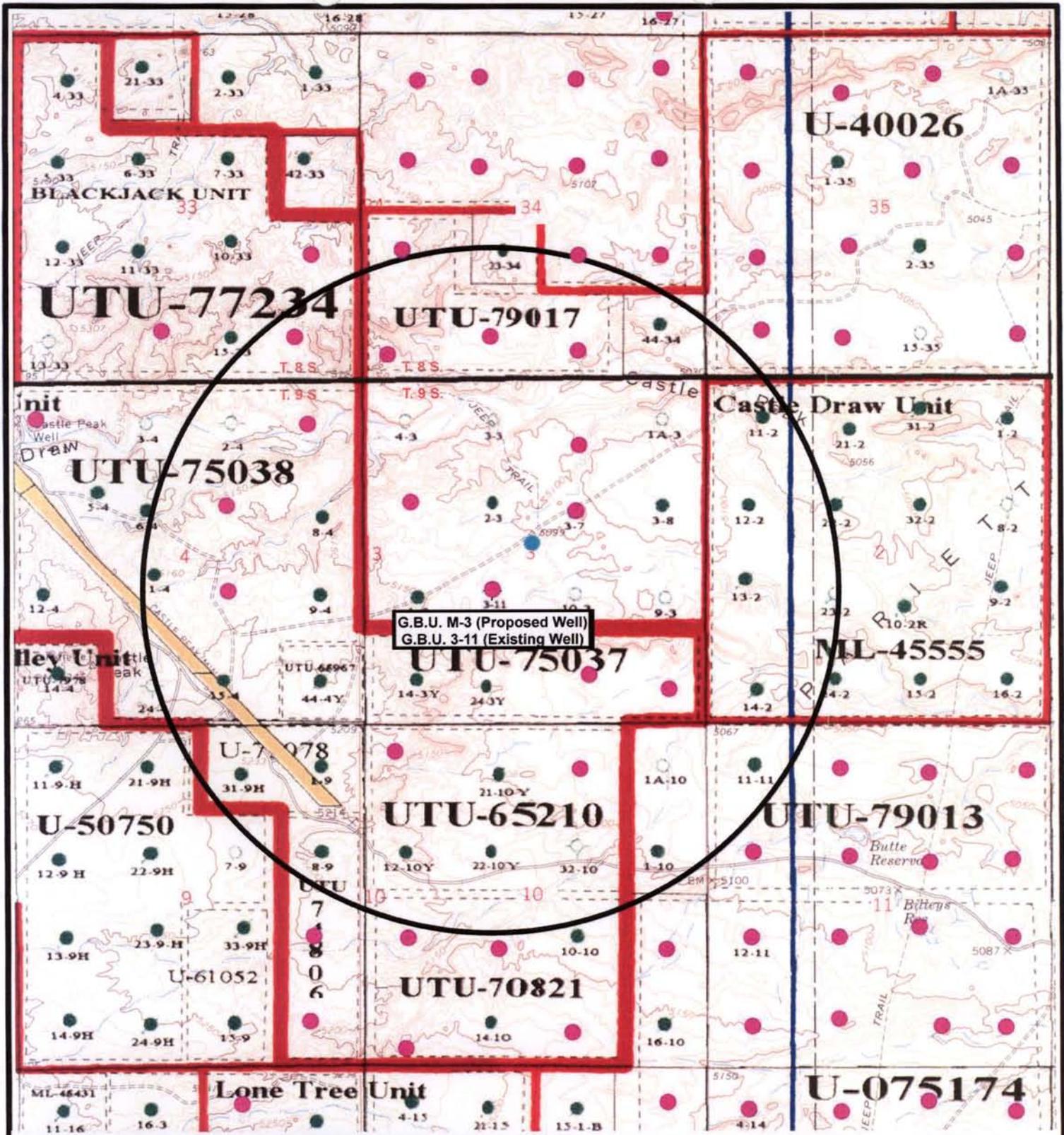
Legend

- Roads
- Proposed Water Line

TOPOGRAPHIC MAP

"C"





NEWFIELD
Exploration Company

Greater Boundary M-3-9-17 (Proposed Well)
Greater Boundary 3-11-9-17 (Existing Well)
Pad Location NESW SEC. 3, T9S, R17E, S.L.B.&M.

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

SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 08-12-2008

Legend

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

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

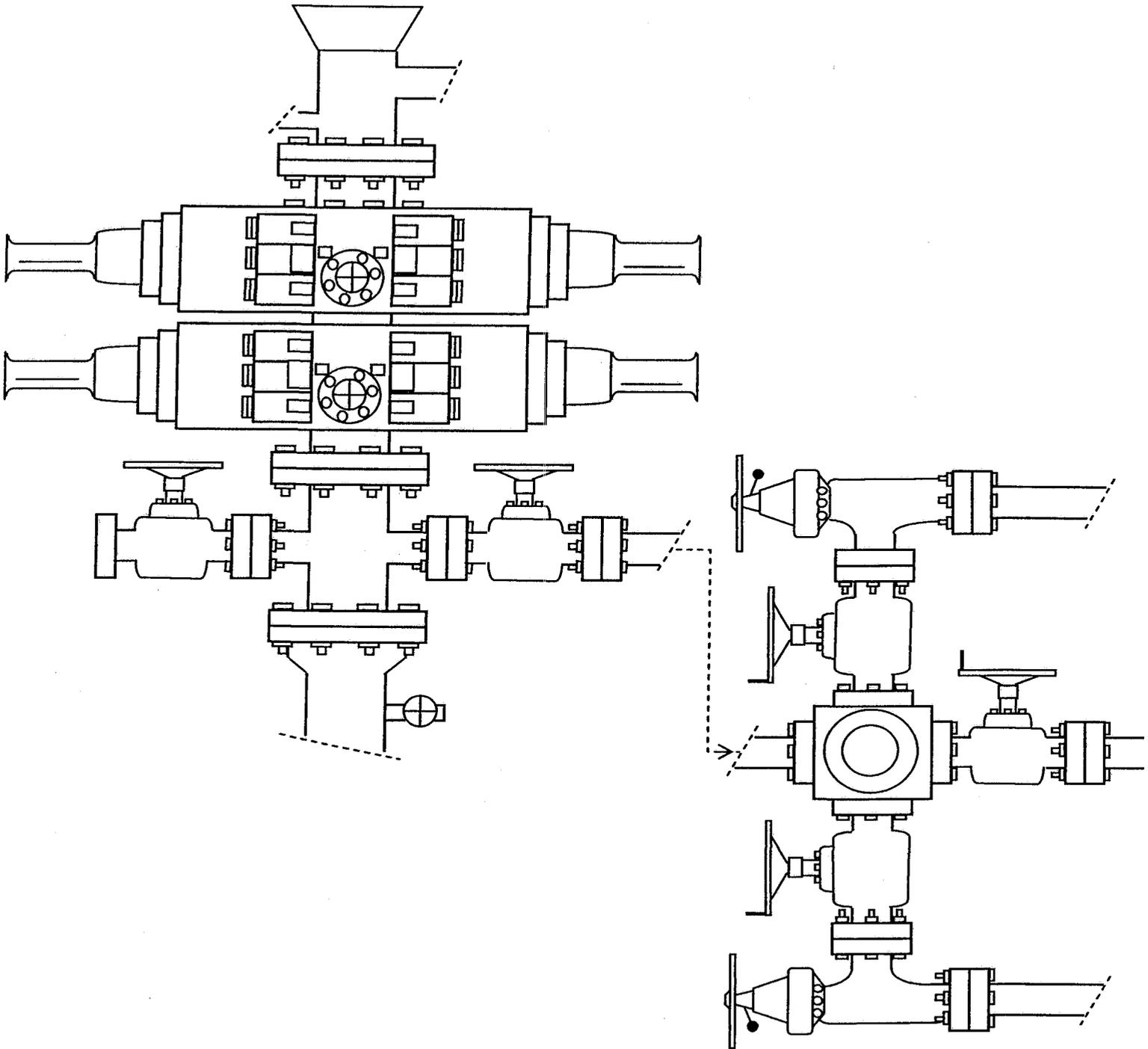


EXHIBIT C

Exhibit "D"

1 of 2

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S FIVE PROPOSED WATERLINES
GREATER BOUNDARY #3-11-9-17, #5-3-9-17, #9-3-9-17,
BELUGA UNIT #16-3-9-17, AND LONE TREE UNIT #15-16-9-17
(T9S, R17E, SEC. 3, 9, AND 16)
DUCHESNE COUNTY, UTAH

By:

Patricia Stavish

Prepared for:

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

Prepared Under Contract With:

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

Submitted By:

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

MOAC Report No. 08-252

October 2, 2008

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

State of Utah Antiquities Project (Survey)
Permit No. U-08-MQ-0849b,s

NEWFIELD EXPLORATION COMPANY

**PALEONTOLOGICAL SURVEY OF PROPOSED
HIGH PRESSURE GAS PIPELINE
NW 1/4, Sec. 31, T 8 S, R 18 E, to SW 1/4, Sec. 28, T 8 S, R 18 E
(3-31-8-18 to 13 & 14-28-8-18)**

AND

**ONE 40 ACRE PARCEL
SW 1/4, SW 1/4, Sec. 21, T 8 S, R 18 E
(13-21-8-18)**

AND

**WATER PIPELINE TIE-INS
NE 1/4, NW 1/4, Sec. 33, T 8 S, R 17 E (2-33-8-17); NE 1/4, SW 1/4, Sec. 3, T 9 S, R 17 E
(3-11-9-17); SW 1/4, NW 1/4, Sec. 3, T 9 S, R 17 E (5-3-9-17); NE 1/4, SE 1/4, Sec. 3, T 9 S,
R 17 E (9-3-9-17); NE 1/4, NW 1/4, Sec. 16, T 9 S, R 17 E (16-3-9-17); SE 1/4, NW 1/4, Sec.
35, T 8 S, R 16 E (6-35-8-16); NE 1/4, NW 1/4, Sec. 35, T 8 S, R 16 E (3A-35-8-16); NW 1/4,
SE 1/4, Sec. 34, T 8 S, R 16 E (10-34-8-16)**

Duchesne & Uintah Counties, Utah

REPORT OF SURVEY

Prepared for:

Newfield Exploration Company

Prepared by:

Wade E. Miller
October 9, 2008

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/10/2008

API NO. ASSIGNED: 43-013-34128

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

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

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

NESW 03 090S 170E
 SURFACE: 2067 FSL 2024 FWL
 BOTTOM: 2630 FNL 2615 FWL
 COUNTY: DUCHESNE
 LATITUDE: 40.05841 LONGITUDE: -109.9942
 UTM SURF EASTINGS: 585784 NORTHINGS: 4434515
 FIELD NAME: MONUMENT BUTTE (105)

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

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

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

LOCATION AND SITING:

- _____ R649-2-3.
- Unit: GREATER BOUNDARY II (GR)
- _____ R649-3-2. General
- Siting: 460 From Qtr/Qtr & 920' Between Wells
- _____ R649-3-3. Exception
- Drilling Unit
- Board Cause No: 225-04
- Eff Date: 9-27-04
- Siting: Suspends General Siting
- R649-3-11. Directional Drill

COMMENTS: Sep, Separate file

STIPULATIONS: Under Approval

API Number: 4301334128

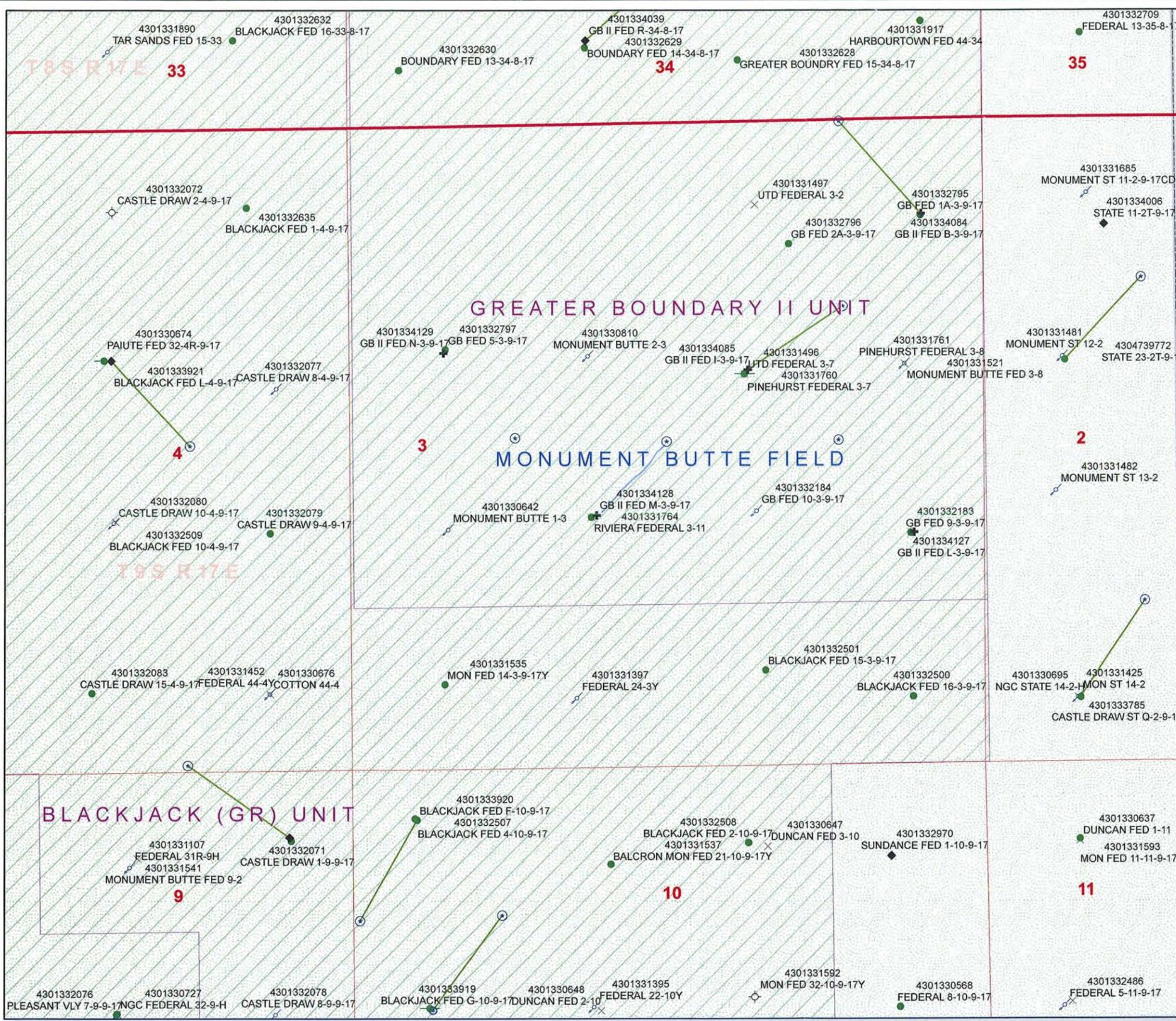
Well Name: GB II FED M-3-9-17

Township 09.0 S Range 17.0 E Section 03

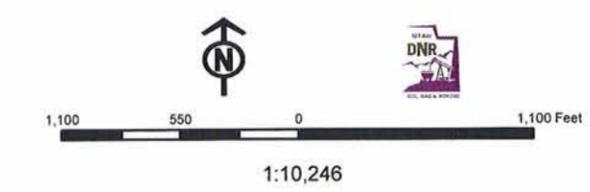
Meridian: SLBM

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
Map Produced by Diana Mason



| Units | Wells Query Events |
|---------------|--------------------|
| STATUS | GIS_STAT_TYPE |
| ACTIVE | <Null> |
| EXPLORATORY | APD |
| GAS STORAGE | DRL |
| NF PP OIL | GI |
| NF SECONDARY | GS |
| PI OIL | LA |
| PP GAS | NEW |
| PP GEOTHERMAL | OPS |
| PP OIL | PA |
| SECONDARY | PGW |
| TERMINATED | POW |
| Fields | RET |
| STATUS | SGW |
| ACTIVE | SOW |
| COMBINED | TA |
| Sections | TW |
| Township | WD |
| | WI |
| | WS |



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

November 12, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2008 Plan of Development Greater Boundary Unit,
Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the Greater Boundary Unit, Duchesne County, Utah.

| API# | WELL NAME | LOCATION |
|---------------------------|---|----------|
| (Proposed PZ Green River) | | |
| 43-013-34127 | GB II Fed L-3-9-17 Sec 03 T09S R17E 1901 FSL 0604 FEL BHL Sec 03 T09S R17E 2640 FNL 1224 FEL | |
| 43-013-34128 | GB II Fed M-3-9-17 Sec 03 T09S R17E 2067 FSL 2024 FWL BHL Sec 03 T09S R17E 2630 FNL 2615 FWL | |
| 43-013-34129 | GB II Fed N-3-9-17 Sec 03 T09S R17E 1871 FNL 0760 FWL BHL Sec 03 T09S R17E 2580 FNL 1350 FWL | |

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File – Greater Boundary Unit
Division of Oil Gas and Mining
Central Files



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

November 18, 2008

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

Re: Greater Boundary II Federal M-3-9-17 Well, Surface Location 2067' FSL, 2024' FWL, NE SW, Sec. 3, T. 9 South, R. 17 East, Bottom Location 2630' FNL, 2615' FWL, NE SW, Sec. 3, T. 9 South, R. 17 East, Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-34128.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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



Operator: Newfield Production Company
Well Name & Number Greater Boundary II Federal M-3-9-17
API Number: 43-013-34128
Lease: UTU-61252

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

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

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

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

3. Reporting Requirements

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

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

| | | |
|--|--|--|
| 1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER | | 5. Lease Serial No. UTU-61252 |
| 1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone | | 6. If Indian, Allottee or Tribe Name NA |
| 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 M-3-9-17 |
| 3b. Phone No. (include area code) (435) 646-3721 | | 9. API Well No. 43 013 34128 |
| 4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NE/SW 2067' FSL 2024' FWL At proposed prod. zone 2630' FNL 2615' FWL SENEW | | 10. Field and Pool, or Exploratory Monument Butte |
| 14. Distance in miles and direction from nearest town or post office* Approximately 14.2 miles southeast of Myton, UT | | 11. Sec., T. R. M. or Blk. and Survey or Area Sec. 3, T9S R17E |
| 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 10' f/lse, 1330' f/unit | 16. No. of acres in lease 120.06 279.570 | 17. Spacing Unit dedicated to this well 20 Acres |
| 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1348' | 19. Proposed Depth 6,085' | 20. BLM/BIA Bond No. on file WYB000493 |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5123' GL | 22. Approximate date work will start* 1 st Qtr. 2009 | 23. Estimated duration (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, must 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 must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM. |

| | | |
|--|--|------------------|
| 25. Signature <i>Mandie Crozier</i> | Name (Printed/Typed) Mandie Crozier | Date 10/29/08 |
| Title Regulatory Specialist | | |

| | | |
|---|--------------------------------------|---------------------|
| Approved by (Signature) <i>Jerry Kenels</i> | Name (Printed/Typed) Jerry Kenels | Date MAY 28 2009 |
| Title Assistant Field Manager Lands & Mineral Resources | | |
| Office VENNAL FIELD OFFICE | | |

Application approval 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.

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.

(Continued on page 2)

*(Instructions on page 2)

NOTICE OF APPROVAL

UDOGN

BUREAU OF LAND MANAGEMENT
DEPT OF THE INTERIOR

RECEIVED
JUN 11 2009
RECEIVED

DIV. OF OIL, GAS & MINING

NOS 8-708
AFMSS# 08PP1073A



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

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

| | | | |
|-----------------|---|-------------------|--------------------------------------|
| Company: | Newfield Production Company | Location: | NESW, Sec. 3, T9S, R17E |
| Well No: | Greater Boundary II Federal M-3-9-17 | Lease No: | UTU-61252 |
| API No: | 43-013-34128 | Agreement: | Greater Boundary II (GR) Unit |

| Title | Name | Office Phone Number | Cell Phone Number |
|-----------------------------------|--------------------|----------------------------|--------------------------|
| Petroleum Engineer: | Matt Baker | (435) 781-4490 | (435) 828-4470 |
| Petroleum Engineer: | Michael Lee | (435) 781-4432 | (435) 828-7875 |
| Petroleum Engineer: | 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: | Christine Cimiluca | (435) 781-4475 | |
| NRS/Enviro Scientist: | Dan Emmett | (435) 781-3414 | (435) 828-4029 |
| NRS/Enviro Scientist: | Anna Figueroa | (435) 781-3407 | (435) 828-3548 |
| NRS/Enviro Scientist: | Lori Ford | (435) 781-4406 | |
| NRS/Enviro Scientist: | David Gordon | (435) 781-4424 | |
| 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: | Nathan Packer | (435) 781-3405 | (435) 828-3545 |
| NRS/Enviro Scientist: | Paul Percival | (435) 781-4493 | (435) 828-7381 |
| NRS/Enviro Scientist: | Verlyn Pindell | (435) 781-3402 | (435) 828-3547 |
| NRS/Enviro Scientist: | Holly Villa | (435) 781-4404 | (435) 828-3544 |

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)**

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- 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.
- There is a Ferruginous hawk nest ¼ mile southeast of the location. With this occurrence there will be a timing restriction during construction and drilling activities to minimize disturbance to Ferruginous hawk nesting from March 1 – July 15.
- If it is anticipated that construction or drilling will occur during any of the given timing restrictions, 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 by the BLM biologist.
- A hospital muffler will be utilized on the pump jack upon completion. This mitigation measure will minimize noise disturbance during raptor nesting.
- A cactus survey will be required prior to the construction of the water injection line.
- 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.
- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim/Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

Interim Reclamation:

The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be 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. Forage Kochia seeds must be broadcast. Seeding shall occur in the fall (August 1st until snow or ground is frozen) with the following seed mix:

Seed mix:

| Common name | Latin name | lbs/acre | Recommended seed planting depth |
|---------------------|-------------------------------|----------|---------------------------------|
| Forage Kochia | <i>Kochia prostrata</i> | 0.20 | 1/4" |
| Squirreltail grass | <i>Elymus elymoides</i> | 3.0 | 1/4 - 1/2" |
| Siberian wheatgrass | <i>Agropyron fragile</i> | 1.0 | 1/2" |
| Shadscale saltbush | <i>Atriplex confertifolia</i> | 0.50 | 1/2" |
| Four-wing saltbush | <i>Atriplex canescens</i> | 0.50 | 1/2" |
| Gardner's saltbush | <i>Atriplex gardneri</i> | 0.50 | 1/2" |
| Scarlet globemallow | <i>Sphaeralcea coccinea</i> | 0.10 | 1/8 - 1/4" |

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

Final reclamation:

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 in the same manner as the location topsoil.

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 unless otherwise instructed. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- Newfield Production Co. shall adhere to all referenced requirements in the SOP (version: June 24, 2008) along with all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal Onshore Oil and Gas Orders.

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

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

(from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

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

OPERATING REQUIREMENT REMINDERS:

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

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

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

| | |
|--|--|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-61252 |
| | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: _____ |
| | 7. UNIT or CA AGREEMENT NAME: GREATER BOUNDARY II (GR) |
| 1. TYPE OF WELL Oil Well | 8. WELL NAME and NUMBER: GB II FED M-3-9-17 |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | 9. API NUMBER: 43013341280000 |
| 3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052 | PHONE NUMBER: 435 646-4825 Ext |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 2067 FSL 2024 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 03 Township: 09.0S Range: 17.0E Meridian: S | 9. FIELD and POOL or WILDCAT: MONUMENT BUTTE |
| | COUNTY: DUCHESNE |
| | STATE: UTAH |

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

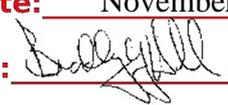
| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|--|--|---|---|
| <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/10/2009 | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> CASING REPAIR |
| <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> CHANGE WELL NAME |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE |
| <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> NEW CONSTRUCTION |
| | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> PLUG BACK |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | <input type="checkbox"/> TEMPORARY ABANDON |
| | <input type="checkbox"/> TUBING REPAIR | <input type="checkbox"/> VENT OR FLARE | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> WATER SHUTOFF | <input type="checkbox"/> SI TA STATUS EXTENSION | <input checked="" type="checkbox"/> APD EXTENSION |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> OTHER | OTHER: _____ |

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

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

Approved by the Utah Division of Oil, Gas and Mining

Date: November 12, 2009

By: 

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



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013341280000

API: 43013341280000

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

Location: 2067 FSL 2024 FWL QTR NESW SEC 03 TWP 090S RNG 170E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 11/18/2008

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

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

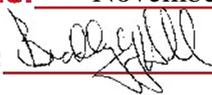
**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Mandie Crozier

Date: 11/10/2009

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

Date: November 12, 2009

By: 

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU-61252

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
GMBU

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

1a. Type of Well Oil Well Gas Well Dry Other

b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Reserv.,
Other: _____

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

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

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

9. AFI Well No.
43-013-34128

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface 2067' FSL & 2024' FWL (NE/SW) SEC. 3, T9S, R17E (UTU-61252)
At top prod. interval reported below 2522' FSL & 2468' FWL (NE/SW) SEC. 3, T9S, R17E (UTU-61252)
At total depth 2560' FNL & 2530' FEL (SW/NE) SEC. 3, T9S, R17E (UTU-61252)

10. Field and Pool or Exploratory
MONUMENT BUTTE

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

12. County or Parish
DUCHESNE

13. State
UT

14. Date Spudded
03/31/2010

15. Date T.D. Reached
04/07/2010

16. Date Completed 04/26/2010
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5123' GL 5135' KB

18. Total Depth: MD 6155'
TVD 6058'

19. Plug Back T.D.: MD 6110'
TVD 6014'

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 Cement Depth | No. of Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|-------------|-------------|----------|-------------|--------------------|------------------------------|-------------------|-------------|---------------|
| 12-1/4" | 8-5/8" J-55 | 24# | 0 | 320' | | 160 CLASS G | | | |
| 7-7/8" | 5-1/2" J-55 | 15.5# | 0 | 6155' | | 280 PRIMLITE | | 110' | |
| | | | | | | 400 50/50 POZ | | | |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|--------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2-7/8" | EOT@ 5941' | TA @ 5774' | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|----------------|-----|--------|----------------------|------|-----------|--------------|
| A) Green River | | | 5702-5888' CP2 3 4 5 | .36" | 3 | 42 |
| B) Green River | | | 5638-5648' CP1 | .36" | 3 | 30 |
| C) Green River | | | 5268-5273' A3 | .36" | 3 | 15 |
| D) Green River | | | 4946-4950' C | .36" | 3 | 12 |

26. Perforation Record 4218

| Depth Interval | Amount and Type of Material |
|----------------|--|
| 5702-5888' | Frac w/ 75748#'s 20/40 sand in 465 bbls of Lightning 17 fluid. (CP2 CP3 CP4 CP5) |
| 5638-5648' | Frac w/ 34080#'s 20/40 sand in 226 bbls of Lightning 17 fluid. |
| 5268-5273' | Frac w/ 9609#'s 20/40 sand in 92 bbls of Lightning 17 fluid. |
| 4946-4950' | Frac w/ 9581#'s 20/40 sand in 92 bbls of Lightning 17 fluid. |

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

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 |
|---------------------|-----------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|---------------------------------------|
| 4-27-10 | 5-10-10 | 24 | → | 48 | 0 | 31 | | | 2-1/2" x 1-3/4" x 20' x 24' RHAC Pump |

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

28a. Production - Interval B

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|-----------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | | | → | | | | | | |

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

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JUN 01 2010

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

28b. Production - Interval C

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

28c. Production - Interval D

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

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

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

GEOLOGICAL MARKERS

| Formation | Top | Bottom | Descriptions, Contents, etc. | Name | Top |
|-----------|-----|--------|------------------------------|---------------------------------------|----------------|
| | | | | | Meas. Depth |
| | | | | GARDEN GULCH MRK GARDEN GULCH 1 | 3756' 3941' |
| | | | | GARDEN GULCH 2 POINT 3 | 4060' 4323' |
| | | | | X MRKR Y MRKR | 4572' 4610' |
| | | | | DOUGALS CREEK MRK BI CARBONATE MRK | 4741' 4993' |
| | | | | B LIMESTON MRK CASTLE PEAK | 5143' 5592' |
| | | | | BASAL CARBONATE | 6016' |

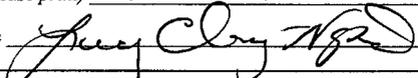
32. Additional remarks (include plugging procedure):

Stage 5: Green River Formation (DS2) 4663-4667', .36" 3/12 Frac w/ 9370#'s of 20/40 sand in 92 bbls of Lightning 17 fluid
 Stage 6: Green River Formation (GB4) 4218-4256', .36" 3/36 Frac w/ 52243#'s of 20/40 sand in 313 bbls of Lightning 17 fluid

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

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

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

Name (please print) Lucy Chavez-Naupoto Title Administrative Assistant
 Signature  Date 05/27/2010

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

NEWFIELD



NEWFIELD EXPLORATION

USGS Myton SW (UT)

SECTION 3 T9S, R17E

M-3-9-17

Wellbore #1

Survey: Survey #1

Standard Survey Report

15 April, 2010



HATHAWAYBURNHAM

Survey Report

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

Local Co-ordinate Reference: Well M-3-9-17
TVD Reference: M-3-9-17 @ 5135.0ft
MD Reference: M-3-9-17 @ 5135.0ft
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

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

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

| | | | | | | |
|-----------------------------|---|----------------------------|------------------|----------------------|-------------------|-------------------|
| Well | M-3-9-17, SHL LAT: 40 03 30.18, LONG: -109 59 41.77 | | | | | |
| Well Position | +N/-S | 0.0 ft | Northing: | 7,193,534.18 ft | Latitude: | 40° 3' 30.180 N |
| | +E/-W | 0.0 ft | Easting: | 2,061,661.25 ft | Longitude: | 109° 59' 41.770 W |
| Position Uncertainty | 0.0 ft | Wellhead Elevation: | ft | Ground Level: | 0.0ft | |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF200510 | 8/27/2008 | 11.63 | 65.90 | 52,593 |

| | | | | | |
|--------------------------|------------------------------|-------------------|-------------------|----------------------|-----|
| Design | Wellbore #1 | | | | |
| Audit Notes: | | | | | |
| Version: | 1.0 | Phase: | ACTUAL | Tie On Depth: | 0.0 |
| Vertical Section: | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft) | Direction (°) | |
| | 0.0 | 0.0 | 0.0 | 45.91 | |

| | | | | |
|-----------------------|----------------|--------------------------|------------------|--------------------|
| Survey Program | Date 4/15/2010 | | | |
| From (ft) | To (ft) | Survey (Wellbore) | Tool Name | Description |
| 451.0 | 6,155.0 | Survey #1 (Wellbore #1) | MWD | MWD - Standard |

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 451.0 | 0.44 | 221.53 | 451.0 | -1.3 | -1.1 | -1.7 | 0.10 | 0.10 | 0.00 |
| 481.0 | 0.70 | 263.60 | 481.0 | -1.4 | -1.4 | -2.0 | 1.59 | 0.87 | 140.23 |
| 513.0 | 0.40 | 68.30 | 513.0 | -1.4 | -1.5 | -2.0 | 3.41 | -0.94 | 514.69 |
| 543.0 | 0.79 | 36.33 | 543.0 | -1.2 | -1.3 | -1.7 | 1.66 | 1.30 | -106.57 |
| 574.0 | 1.50 | 46.80 | 574.0 | -0.7 | -0.9 | -1.1 | 2.38 | 2.29 | 33.77 |
| 605.0 | 1.60 | 53.20 | 605.0 | -0.2 | -0.2 | -0.3 | 0.64 | 0.32 | 20.65 |
| 635.0 | 1.90 | 47.40 | 635.0 | 0.4 | 0.5 | 0.6 | 1.16 | 1.00 | -19.33 |
| 665.0 | 2.29 | 50.17 | 664.9 | 1.1 | 1.3 | 1.7 | 1.34 | 1.30 | 9.23 |
| 696.0 | 2.90 | 45.90 | 695.9 | 2.1 | 2.4 | 3.1 | 2.06 | 1.97 | -13.77 |
| 727.0 | 4.00 | 41.00 | 726.9 | 3.4 | 3.6 | 5.0 | 3.67 | 3.55 | -15.81 |
| 757.0 | 4.00 | 47.20 | 756.8 | 4.9 | 5.1 | 7.1 | 1.44 | 0.00 | 20.67 |
| 788.0 | 5.10 | 45.40 | 787.7 | 6.6 | 6.9 | 9.5 | 3.58 | 3.55 | -5.81 |



HATHAWAYBURNHAM

Survey Report

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

Local Co-ordinate Reference: Well M-3-9-17
TVD Reference: M-3-9-17 @ 5135.0ft
MD Reference: M-3-9-17 @ 5135.0ft
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 818.0 | 5.95 | 46.10 | 817.5 | 8.6 | 8.9 | 12.4 | 2.84 | 2.83 | 2.33 |
| 849.0 | 6.60 | 47.20 | 848.4 | 11.0 | 11.4 | 15.8 | 2.13 | 2.10 | 3.55 |
| 882.0 | 6.90 | 45.90 | 881.1 | 13.6 | 14.2 | 19.7 | 1.02 | 0.91 | -3.94 |
| 912.0 | 7.00 | 47.70 | 910.9 | 16.1 | 16.9 | 23.3 | 0.80 | 0.33 | 6.00 |
| 945.0 | 6.70 | 45.10 | 943.7 | 18.8 | 19.7 | 27.3 | 1.31 | -0.91 | -7.88 |
| 1,009.0 | 7.50 | 44.40 | 1,007.2 | 24.4 | 25.3 | 35.2 | 1.26 | 1.25 | -1.09 |
| 1,041.0 | 7.80 | 47.60 | 1,038.9 | 27.4 | 28.3 | 39.4 | 1.63 | 0.94 | 10.00 |
| 1,072.0 | 7.80 | 47.70 | 1,069.6 | 30.2 | 31.4 | 43.6 | 0.04 | 0.00 | 0.32 |
| 1,102.0 | 8.20 | 48.00 | 1,099.3 | 33.0 | 34.5 | 47.8 | 1.34 | 1.33 | 1.00 |
| 1,135.0 | 8.70 | 48.40 | 1,132.0 | 36.3 | 38.2 | 52.6 | 1.53 | 1.52 | 1.21 |
| 1,167.0 | 9.20 | 44.80 | 1,163.6 | 39.7 | 41.8 | 57.6 | 2.35 | 1.56 | -11.25 |
| 1,199.0 | 9.10 | 43.80 | 1,195.2 | 43.3 | 45.3 | 62.7 | 0.59 | -0.31 | -3.13 |
| 1,229.0 | 9.70 | 44.30 | 1,224.8 | 46.9 | 48.7 | 67.6 | 2.02 | 2.00 | 1.67 |
| 1,261.0 | 10.00 | 45.40 | 1,256.3 | 50.7 | 52.6 | 73.1 | 1.11 | 0.94 | 3.44 |
| 1,292.0 | 9.80 | 45.20 | 1,286.8 | 54.5 | 56.4 | 78.4 | 0.65 | -0.65 | -0.65 |
| 1,325.0 | 10.70 | 46.90 | 1,319.3 | 58.6 | 60.6 | 84.3 | 2.88 | 2.73 | 5.15 |
| 1,356.0 | 11.10 | 45.80 | 1,349.7 | 62.6 | 64.8 | 90.1 | 1.45 | 1.29 | -3.55 |
| 1,387.0 | 10.90 | 46.10 | 1,380.2 | 66.7 | 69.1 | 96.1 | 0.67 | -0.65 | 0.97 |
| 1,419.0 | 11.60 | 45.10 | 1,411.6 | 71.1 | 73.6 | 102.3 | 2.27 | 2.19 | -3.13 |
| 1,514.0 | 12.30 | 42.00 | 1,504.5 | 85.3 | 87.1 | 121.9 | 1.00 | 0.74 | -3.26 |
| 1,609.0 | 11.60 | 40.70 | 1,597.4 | 100.1 | 100.1 | 141.5 | 0.79 | -0.74 | -1.37 |
| 1,704.0 | 11.50 | 34.70 | 1,690.5 | 115.1 | 111.7 | 160.3 | 1.27 | -0.11 | -6.32 |
| 1,801.0 | 12.10 | 34.80 | 1,785.5 | 131.4 | 123.0 | 179.8 | 0.62 | 0.62 | 0.10 |
| 1,895.0 | 12.20 | 35.90 | 1,877.4 | 147.6 | 134.5 | 199.3 | 0.27 | 0.11 | 1.17 |
| 1,990.0 | 11.70 | 40.70 | 1,970.3 | 163.0 | 146.6 | 218.7 | 1.17 | -0.53 | 5.05 |
| 2,085.0 | 10.83 | 43.85 | 2,063.5 | 176.7 | 159.1 | 237.2 | 1.12 | -0.92 | 3.32 |
| 2,180.0 | 10.80 | 45.60 | 2,156.8 | 189.4 | 171.6 | 255.1 | 0.35 | -0.03 | 1.84 |
| 2,275.0 | 9.82 | 47.69 | 2,250.3 | 201.1 | 184.0 | 272.1 | 1.10 | -1.03 | 2.20 |
| 2,370.0 | 10.92 | 46.27 | 2,343.7 | 212.8 | 196.5 | 289.2 | 1.19 | 1.16 | -1.49 |
| 2,464.0 | 12.00 | 48.00 | 2,435.8 | 225.5 | 210.2 | 307.8 | 1.21 | 1.15 | 1.84 |
| 2,560.0 | 11.60 | 44.10 | 2,529.8 | 239.1 | 224.3 | 327.5 | 0.93 | -0.42 | -4.06 |
| 2,655.0 | 11.30 | 44.90 | 2,622.9 | 252.5 | 237.5 | 346.3 | 0.36 | -0.32 | 0.84 |
| 2,750.0 | 9.50 | 45.30 | 2,716.3 | 264.6 | 249.7 | 363.5 | 1.90 | -1.89 | 0.42 |
| 2,845.0 | 10.00 | 48.02 | 2,810.0 | 275.7 | 261.4 | 379.5 | 0.72 | 0.53 | 2.86 |
| 2,940.0 | 9.98 | 38.66 | 2,903.5 | 287.6 | 272.7 | 395.9 | 1.71 | -0.02 | -9.85 |
| 3,035.0 | 12.40 | 40.10 | 2,996.7 | 301.8 | 284.4 | 414.3 | 2.56 | 2.55 | 1.52 |
| 3,130.0 | 11.03 | 34.80 | 3,089.7 | 317.1 | 296.1 | 433.3 | 1.83 | -1.44 | -5.58 |
| 3,226.0 | 11.80 | 43.60 | 3,183.9 | 331.8 | 308.1 | 452.1 | 1.98 | 0.80 | 9.17 |
| 3,321.0 | 12.80 | 42.30 | 3,276.7 | 346.6 | 321.9 | 472.4 | 1.09 | 1.05 | -1.37 |
| 3,415.0 | 11.80 | 46.70 | 3,368.5 | 360.9 | 335.9 | 492.4 | 1.46 | -1.06 | 4.68 |
| 3,510.0 | 10.90 | 44.80 | 3,461.7 | 373.9 | 349.3 | 511.1 | 1.03 | -0.95 | -2.00 |
| 3,606.0 | 11.40 | 47.60 | 3,555.8 | 386.7 | 362.7 | 529.6 | 0.77 | 0.52 | 2.92 |
| 3,700.0 | 10.80 | 49.30 | 3,648.1 | 398.7 | 376.3 | 547.7 | 0.73 | -0.64 | 1.81 |
| 3,796.0 | 10.20 | 52.60 | 3,742.5 | 409.8 | 389.8 | 565.1 | 0.88 | -0.63 | 3.44 |
| 3,891.0 | 10.00 | 47.20 | 3,836.0 | 420.5 | 402.6 | 581.7 | 1.02 | -0.21 | -5.68 |
| 3,986.0 | 10.60 | 49.70 | 3,929.5 | 431.7 | 415.3 | 598.7 | 0.79 | 0.63 | 2.63 |
| 4,082.0 | 11.40 | 52.50 | 4,023.7 | 443.2 | 429.5 | 616.9 | 1.00 | 0.83 | 2.92 |
| 4,177.0 | 11.80 | 49.10 | 4,116.8 | 455.3 | 444.3 | 635.9 | 0.83 | 0.42 | -3.58 |
| 4,271.0 | 11.80 | 46.70 | 4,208.8 | 468.2 | 458.6 | 655.1 | 0.52 | 0.00 | -2.55 |
| 4,366.0 | 10.70 | 49.90 | 4,302.0 | 480.5 | 472.4 | 673.7 | 1.33 | -1.16 | 3.37 |
| 4,461.0 | 10.20 | 50.10 | 4,395.4 | 491.6 | 485.6 | 690.8 | 0.53 | -0.53 | 0.21 |
| 4,556.0 | 11.27 | 50.61 | 4,488.7 | 502.9 | 499.2 | 708.5 | 1.13 | 1.13 | 0.54 |
| 4,652.0 | 10.80 | 48.70 | 4,582.9 | 514.8 | 513.2 | 726.8 | 0.62 | -0.49 | -1.99 |
| 4,747.0 | 10.86 | 52.21 | 4,676.3 | 526.1 | 527.0 | 744.6 | 0.70 | 0.06 | 3.69 |



HATHAWAYBURNHAM

Survey Report

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

Local Co-ordinate Reference: Well M-3-9-17
TVD Reference: M-3-9-17 @ 5135.0ft
MVD Reference: M-3-9-17 @ 5135.0ft
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 4,842.0 | 11.80 | 51.00 | 4,769.4 | 537.7 | 541.6 | 763.2 | 1.02 | 0.99 | -1.27 |
| 4,937.0 | 11.42 | 45.75 | 4,862.5 | 550.4 | 555.9 | 782.3 | 1.18 | -0.40 | -5.53 |
| 5,032.0 | 10.92 | 46.37 | 4,955.7 | 563.2 | 569.2 | 800.7 | 0.54 | -0.53 | 0.65 |
| 5,127.0 | 11.00 | 45.50 | 5,048.9 | 575.7 | 582.1 | 818.7 | 0.19 | 0.08 | -0.92 |
| 5,222.0 | 10.40 | 48.10 | 5,142.3 | 587.8 | 595.0 | 836.4 | 0.81 | -0.63 | 2.74 |
| 5,317.0 | 10.90 | 45.20 | 5,235.6 | 599.9 | 607.7 | 853.9 | 0.77 | 0.53 | -3.05 |
| 5,413.0 | 10.50 | 47.00 | 5,330.0 | 612.2 | 620.6 | 871.7 | 0.54 | -0.42 | 1.88 |
| 5,507.0 | 10.00 | 43.60 | 5,422.5 | 624.0 | 632.5 | 888.4 | 0.83 | -0.53 | -3.62 |
| 5,602.0 | 9.70 | 45.00 | 5,516.1 | 635.6 | 643.8 | 904.7 | 0.40 | -0.32 | 1.47 |
| 5,698.0 | 11.80 | 50.80 | 5,610.4 | 647.6 | 657.1 | 922.6 | 2.46 | 2.19 | 6.04 |
| 5,793.0 | 12.08 | 50.74 | 5,703.3 | 660.0 | 672.4 | 942.1 | 0.30 | 0.29 | -0.06 |
| 5,888.0 | 12.22 | 53.25 | 5,796.2 | 672.3 | 688.1 | 962.0 | 0.58 | 0.15 | 2.64 |
| 5,983.0 | 11.43 | 50.41 | 5,889.2 | 684.3 | 703.4 | 981.4 | 1.03 | -0.83 | -2.99 |
| 6,100.0 | 9.43 | 49.93 | 6,004.2 | 697.9 | 719.7 | 1,002.5 | 1.71 | -1.71 | -0.41 |
| 6,155.0 | 9.00 | 48.50 | 6,058.5 | 703.6 | 726.4 | 1,011.3 | 0.89 | -0.78 | -2.60 |

Checked By: _____ Approved By: _____ Date: _____

NEWFIELD



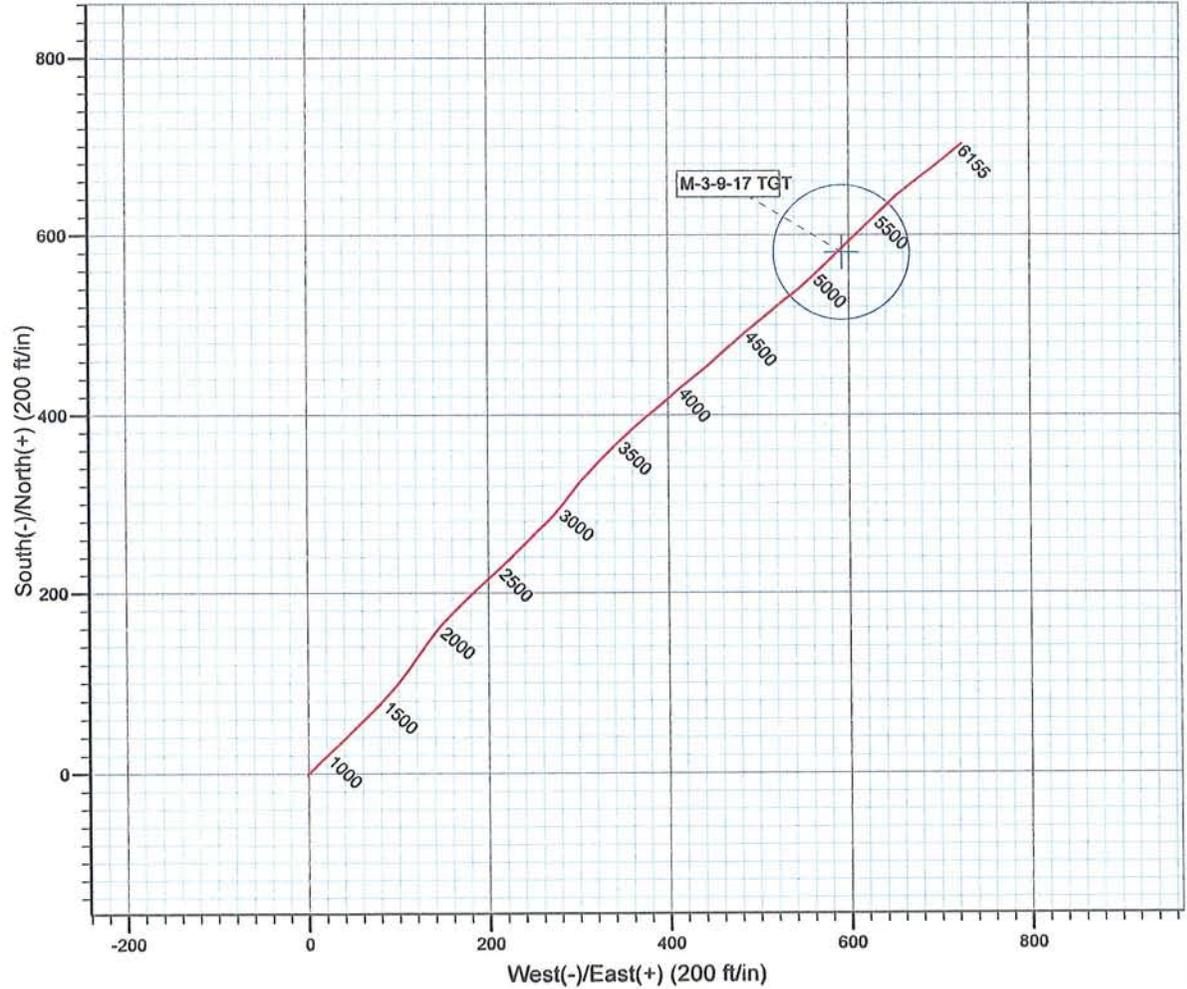
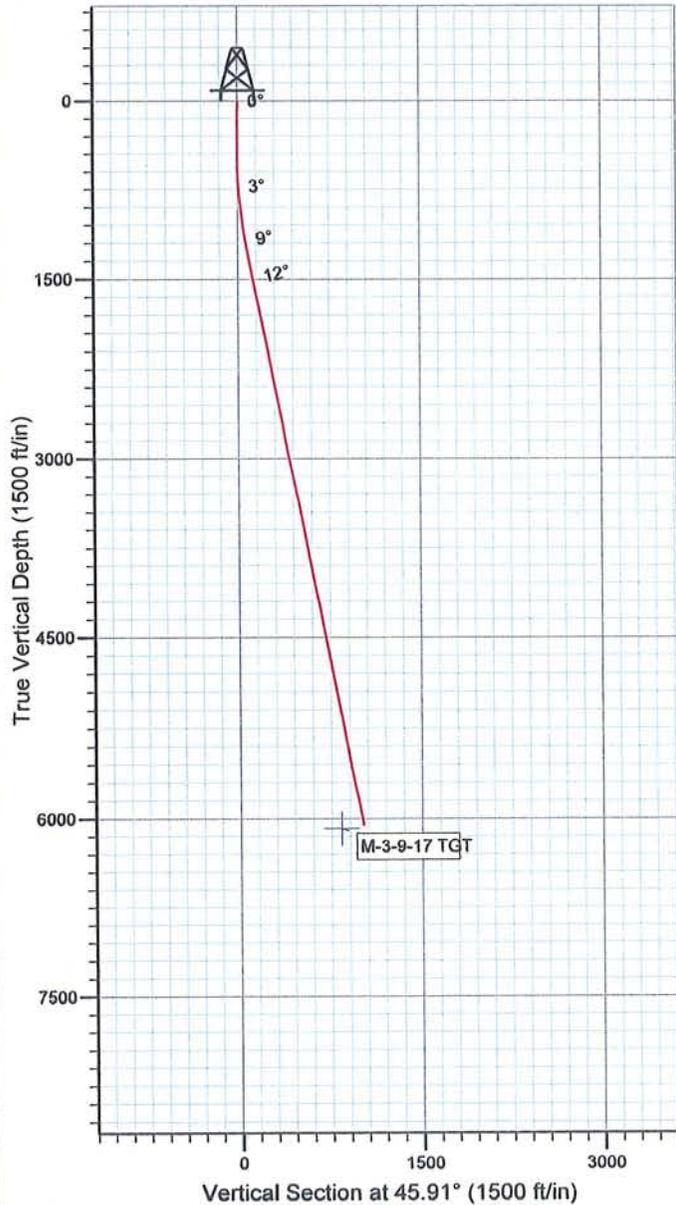
Project: USGS Myton SW (UT)
 Site: SECTION 3 T9S, R17E
 Well: M-3-9-17
 Wellbore: Wellbore #1
 SURVEY: Wellbore #1

FINAL SURVEY REPORT



Azimuths to True North
 Magnetic North: 11.63°

Magnetic Field
 Strength: 52593.1snT
 Dip Angle: 65.90°
 Date: 8/27/2008
 Model: IGRF200510



Survey: Survey #1 (M-3-9-17/Wellbore #1)

Created By: *Jim Hudson* Date: 10:13, April 15 2010

THIS SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

Daily Activity Report

Format For Sundry

GRTR BNDRY II M-3-9-17**2/1/2010 To 6/30/2010****GRTR BNDRY II M-3-9-17****Waiting on Cement****Date:** 4/1/2010

Ross #21 at 320. Days Since Spud - Ross Rig #21 Spud The Greater Boundary II Federal M-3-9-17 @ 1:00 PM On 3/31/10 To Depth Of 320'. - 15.8 ppg & 1.17 yield. Returned 5 bbls To Pit. - On 4/1/10 Cemented 8 5/8" Csg With BJ. Pumped 160 sks Class G + 2% CaCl + .25#sk Cello-flake Mixed @ - BLM & State Were Notified Of The Spud & Run of Casing. - They Ran 8 5/8" Csg (Guide Shoe,Shoe Jt,Baffel Plate,6 jts) Set @ 320.54' KB

Daily Cost: \$0**Cumulative Cost:** \$46,052**GRTR BNDRY II M-3-9-17****Rigging Up****Date:** 4/4/2010

NDSI #2 at 320. 0 Days Since Spud - Rig Down Prepair For Rig Move To GB II Fed M-3-9-17

Daily Cost: \$0**Cumulative Cost:** \$48,782**GRTR BNDRY II M-3-9-17****Drill 7 7/8" hole with fresh water****Date:** 4/5/2010

NDSI #2 at 1886. 1 Days Since Spud - Rams,Choke Line,Choke Manifold To 2,000 PSI For 10 Mins, Test 8 5/8" Casing To 1500 PSI For 30 Mins - Accept Rig On 4/4/10 @ 13:00. R/U B&C Quick Test,Test Upper Kelly Valve,Safety Valve,Pipe Rams,Blind - 4/4/10 MIRU ON GB II Federal M-3-9-17 With Marcus Liddell Trucking (1 Mile Move From L-3-9-17) - 4/4/10 - 24 Hrs Sent Via Email To BLM & State.4/3/10 Noitfly Of Rig Move 4/4/10 @ 7:00 AM BOPE Test @ 1:00 PM - Everything Tested OK. - P/U BHA ,Smith MI 616 7 7/8"PDC Bit,6.5" Hunting 7/8 4.8 Stage .33 Rev Fixed Mud Motor, 1x30' Monel - Collar,1x2' X-over,1x3' Gap Sub, 1x2' X-Over Sub,1x2' Antena Sub,1x30 Monel DC.25 Jts HWDP. - No H2s Reported Last 24 Hrs - Noo Flow @ 1500' - Boiler 10 Hrs - Drill 77/8" Hole From320' To 1886'.18,000 lbs WOB,TRPM 151, GPM 290.116 fph AVG ROP

Daily Cost: \$0**Cumulative Cost:** \$104,511**GRTR BNDRY II M-3-9-17****Drill 7 7/8" hole with fresh water****Date:** 4/6/2010

NDSI #2 at 4485. 2 Days Since Spud - No H2S in the last 24 hrs - Rig serv function test bops - Drill 77/8" Hole From1886' To 2679'.30,000 lbs WOB,TRPM 151, GPM 290.132 fph AVG ROP - Drill 77/8" Hole From2679' To 4485'.30,000 lbs WOB,TRPM 151, GPM 290.103 fph AVG ROP

Daily Cost: \$0**Cumulative Cost:** \$123,720**GRTR BNDRY II M-3-9-17****Drill 7 7/8" hole with fresh water****Date:** 4/7/2010

NDSI #2 at 5816. 3 Days Since Spud - Drill 77/8" Hole From 4485' to 4802' WOB 20,000, 151 TRPM 1300 PSI 91fph avg ROP - Function Test BOP and Crown-O-Matic, Grease Crown, blocks and swivel - Drill 77/8" Hole From 4802' to 5816' WOB 20,000, 151 TRPM 1300 PSI 91fph avg ROP

Daily Cost: \$0

Cumulative Cost: \$142,769

GRTR BNDRY II M-3-9-17

Wait on Completion

Date: 4/8/2010

NDSI #2 at 6155. 4 Days Since Spud - 400sks50:50:2 +3%KCL+0.5%EC-

1+.25#CF+.5#SF+.3SMS+FP-6L Mixed @ - 280 sks PL11+3%

KCL+5#CF+2#KOL+.5SMS+FP+SF Mixed @11ppg W/ 3.5 yield - Rig up BJ Hardlines and circulate W/ Rig pump - Rig up B&C Quick Test and test 5 1/2" casing rams to 2,000PSI tested OK - R/U PSI and Run wireline logs Rig down - Laydown drill pipe and BHA - Mix and pump Gel sweep, circulate well F/ Logs - Drill 77/8" Hole From 5816' to 6155' WOB 25,000, 151 TRPM 1500 PSI 96fph avg ROP - 11ppg W/1.24 yield Returned 32bbls to pit - Nipple down Set slips W/ 100,000 Tension - Clean Mud Tanks - Rig up casers and run 142 jts 5 1/2" casing set @ 6155'KB

Daily Cost: \$0

Cumulative Cost: \$266,114

GRTR BNDRY II M-3-9-17

Rigging down

Date: 4/9/2010

NDSI #2 at 6155. 5 Days Since Spud - Clean Mud Tanks - Release Rig @ 9:30 AM 4/8/10

Finalized

Daily Cost: \$0

Cumulative Cost: \$268,319

Pertinent Files: Go to File List