

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.  
UTU-77339

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

7. If Unit or CA Agreement, Name and No.  
N/A

8. Lease Name and Well No.  
Federal 10-20-8-16

1a. Type of Work:  DRILL  REENTER

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

2. Name of Operator  
Newfield Production Company

9. API Well No.  
43013-33996

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

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

10. Field and Pool, or Exploratory  
~~Movement Data~~ Undersigned

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)  
At surface NW/SE (Lot #2) 1665' FSL 1925' FEL 573301X 40.16083  
At proposed prod. zone 44390934 -110.14003

11. Sec., T., R., M., or Blk. and Survey or Area  
NW/SE Sec. 20, T8S R16E

14. Distance in miles and direction from nearest town or post office\*  
Approximatley 8.3 miles southwest of Myton, Utah

12. County or Parish  
Duchesne

13. State  
UT

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1665' f/lse, NA' f/unit  
557.08

16. No. of Acres in lease  
557.08

17. Spacing Unit dedicated to this well  
40 Acres

18. Distance from proposed location\* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1007'  
6495'

19. Proposed Depth  
6495'

20. BLM/BIA Bond No. on file  
WYB000493

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
5504' GL

22. Approximate date work will start\*  
4th Quarter 2008

23. Estimated duration  
Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature *Mandie Crozier* Name (Printed/Typed) Mandie Crozier Date 5/28/08

Title Regulatory Specialist

Approved by (Signature) *Bradley G. Hill* Name (Printed/Typed) BRADLEY G. HILL Date 07-07-08

Title ENVIRONMENTAL MANAGER

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

Condtions of approval, if any, are attached.

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

\*(Instructions on reverse)

Federal Approval of this  
Action is Necessary

RECEIVED  
JUN 04 2008  
DIV. OF OIL, GAS & MINING

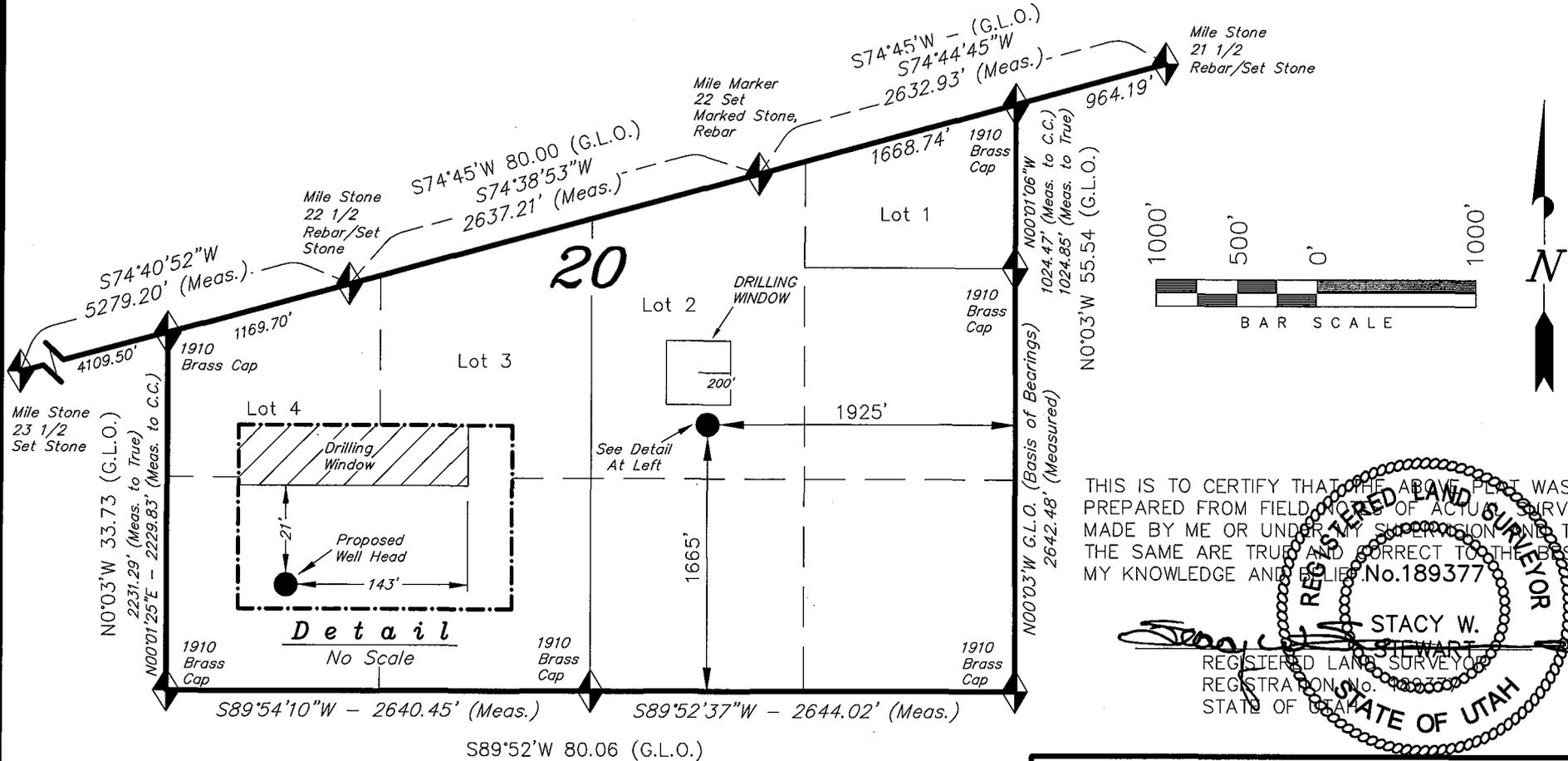
# T8S, R16E, S.L.B.&M.

# NEWFIELD PRODUCTION COMPANY

## WELL LOCATION: FENCELINE 10-20-8-16

ELEV. UNGRADED GROUND = 5503.5'

WELL LOCATION, FENCELINE 10-20-8-16,  
LOCATED AS SHOWN IN THE NW 1/4 SE  
1/4 (LOT 2) OF SECTION 20, T8S, R16E,  
S.L.B.&M. DUCHESNE COUNTY, UTAH.



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

**REGISTERED LAND SURVEYOR**  
**STACY W. STEWART**  
 REGISTERED LAND SURVEYOR  
 REGISTRATION No. 28237  
 STATE OF UTAH

◆ = SECTION CORNERS LOCATED

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

**FENCELINE 10-20-8-16**  
 (Surface Location) NAD 83  
 LATITUDE =  $40^{\circ} 06' 02.69''$   
 LONGITUDE =  $110^{\circ} 08' 26.58''$

## TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 11-27-07	SURVEYED BY: C.M.
DATE DRAWN: 12-18-07	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY  
FEDERAL 10-20-8-16  
NW/SE (LOT #2) SECTION 20, T8S, R16E  
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' – 2855'
Green River	2855'
Wasatch	6495'

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

Green River Formation 2855' – 6495' - 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  
FEDERAL 10-20-8-16  
NW/SE (LOT #2) SECTION 20, T8S, R16E  
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 Federal 10-20-8-16 located in the (Lot #2) Section 20, T8S, R16E, 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 southwesterly - 6.8 miles  $\pm$  to its junction with the beginning of the proposed access road to the west; proceed along the proposed access road - 550'  $\pm$  to the proposed well location.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon.  
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

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

Johnson Water District  
Water Right: 43-10136

Neil Moon Pond  
Water Right: 43-11787

Maurice Harvey Pond  
Water Right: 47-1358

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

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

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

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

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #08-102, 5/9/08. Paleontological Resource Survey prepared by, Wade E. Miller, 4/30/08. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 550' of disturbed area be granted in Lease UTU-77339 to allow for construction of the planned access road. **Refer to Topographic Map "B"**. A permanent width of 30' and a running surface of 18' is proposed for the planned access road. The construction phase of the planned access road will last approximately (5) days. The planned access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 550' of disturbed area be granted in Lease UTU-77339 to allow for construction of the proposed surface gas lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line and 30' wide upon completion of the proposed gas lines. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

**Water Disposal**

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

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

**Threatened, Endangered, And Other Sensitive Species**

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

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

**Reserve Pit Liner**

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

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

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

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

**Details of the On-Site Inspection**

The proposed Federal #10-20-8-16 was on-sited on 4/16/08. The following were present; Dave Allred (Newfield Production), Kevan Stevens (Newfield Production ), Michael Cutler (Bureau of Land Management), Brandon McDonald (Bureau of Land Management )and James Herford (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

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

Representative

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

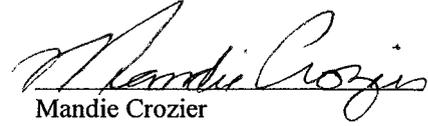
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #10-20-8-16 (Lot #2) Section 20, Township 8S, Range 16E: Lease UTU-77339 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.

5/28/08

Date



Mandie Crozier

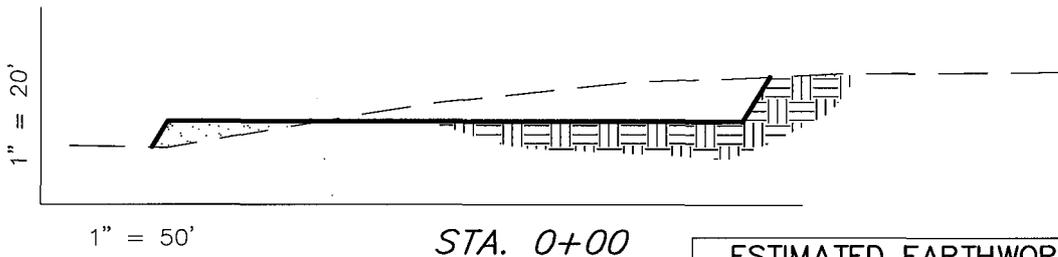
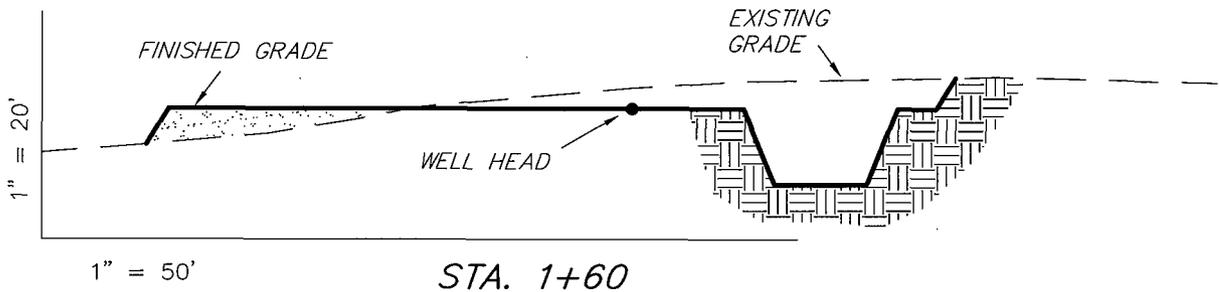
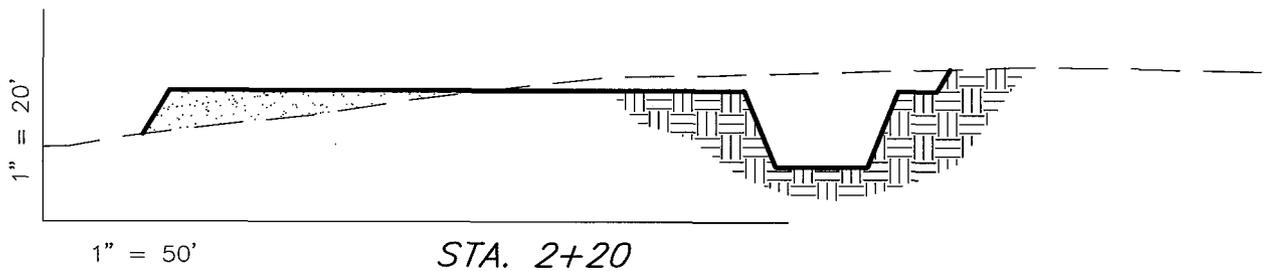
Regulatory Specialist

Newfield Production Company



# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS FENCELINE 10-20-8-16



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

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

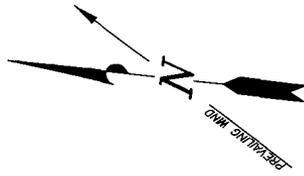
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,900	1,900	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	2,540	1,900	980	640

SURVEYED BY: C.M.	DATE SURVEYED: 11-27-07
DRAWN BY: F.T.M.	DATE DRAWN: 12-18-07
SCALE: 1" = 50'	REVISED:

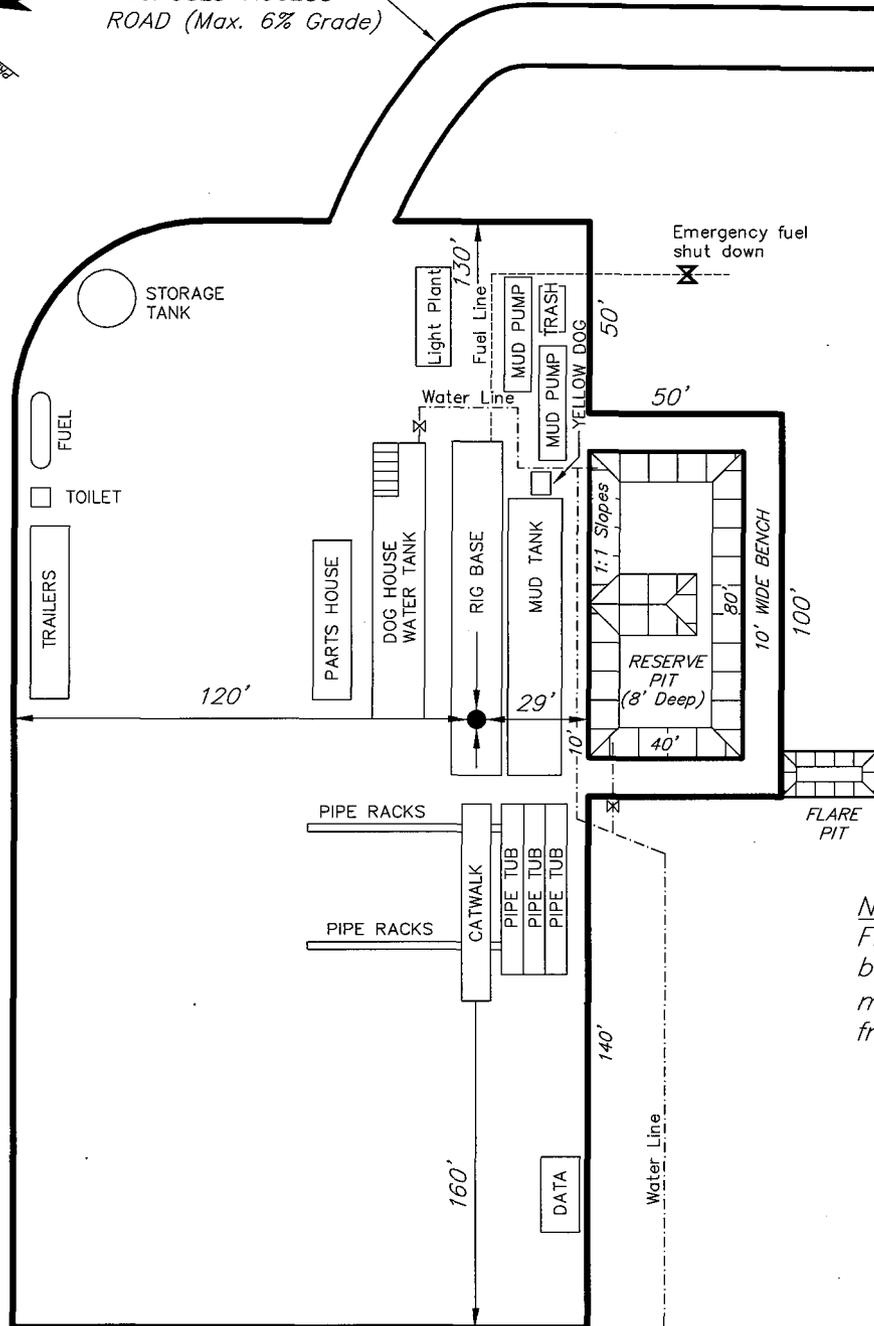
**Tri State** (435) 781-2501  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT FENCELINE 10-20-8-16



PROPOSED ACCESS ROAD (Max. 6% Grade)



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

*Proposed Access to the 12-20-8-16*

SURVEYED BY: C.M.	DATE SURVEYED: 11-27-07
DRAWN BY: F.T.M.	DATE DRAWN: 12-18-07
SCALE: 1" = 50'	REVISED:

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

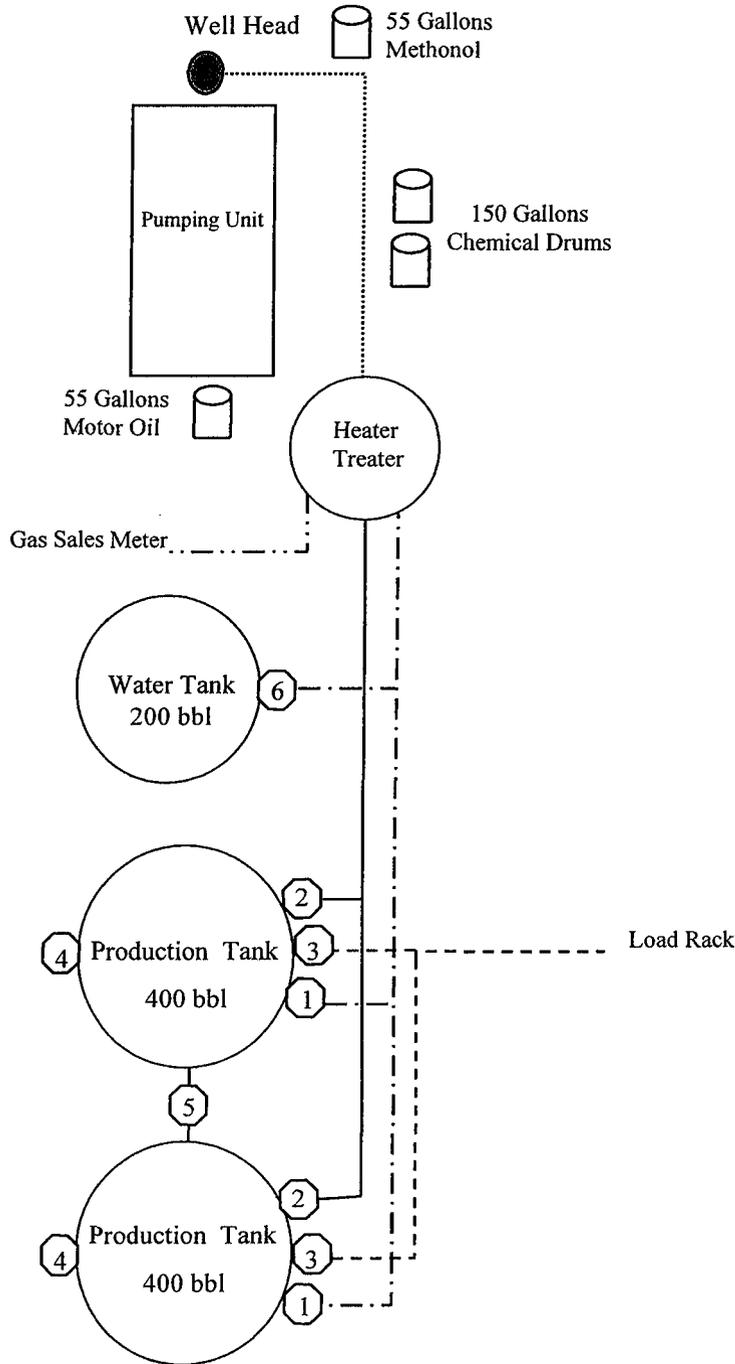
# Newfield Production Company Proposed Site Facility Diagram

Federal 10-20-8-16

NW/SE (Lot #2) Sec. 20, T8S, R16E

Duchesne County, Utah

UTU-77339



## Legend

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

## Production Phase:

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

## Sales Phase:

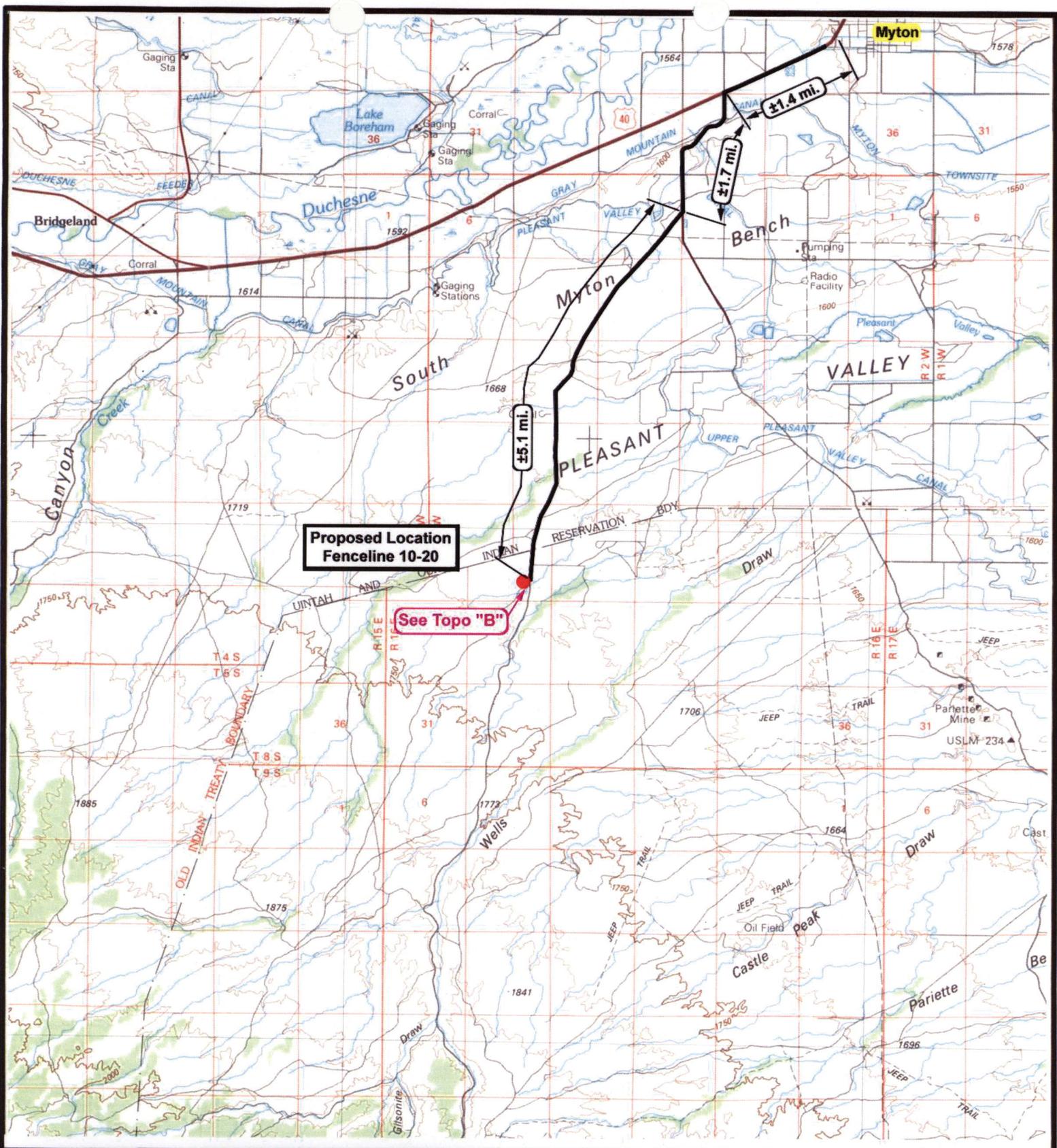
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

## Draining Phase:

- 1) Valves 1 and 6 open

Diked Section





**NEWFIELD**  
Exploration Company

**Fenceline 10-20-8-16**  
**SEC. 20, T8S, R16E, S.L.B.&M.**



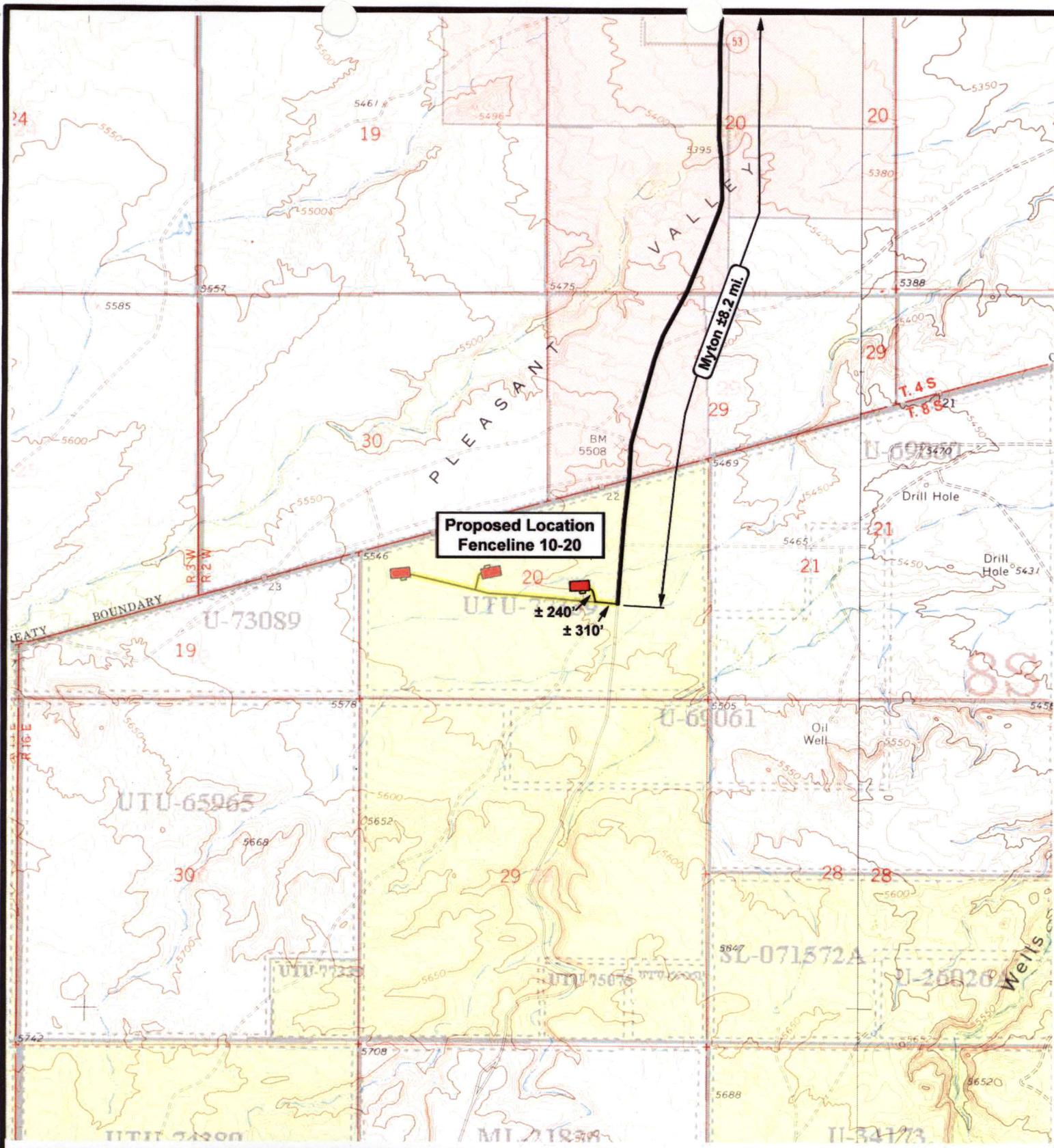
**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000  
DRAWN BY: mw  
DATE: 01-02-2008

**Legend**

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP  
**"A"**



 **NEWFIELD**  
Exploration Company

**Fenceline 10-20-8-16**  
**SEC. 20, T8S, R16E, S.L.B.&M.**



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

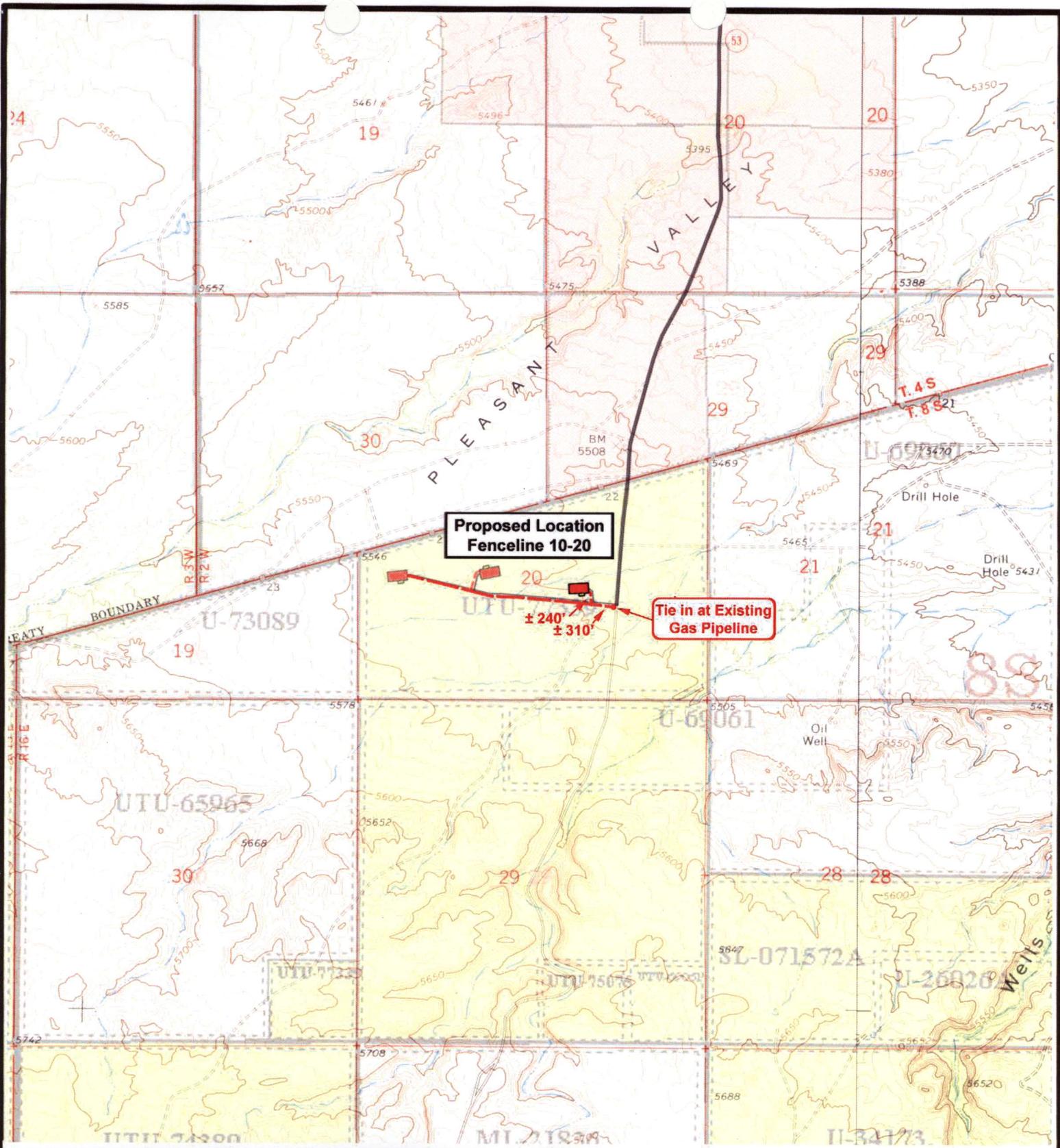
SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 01-02-2008

**Legend**

-  Existing Road
-  Proposed Access

TOPOGRAPHIC MAP

**"B"**




**NEWFIELD**  
Exploration Company

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**Fenceline 10-20-8-16**  
**SEC. 20, T8S, R16E, S.L.B.&M.**




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

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SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 01-02-2008

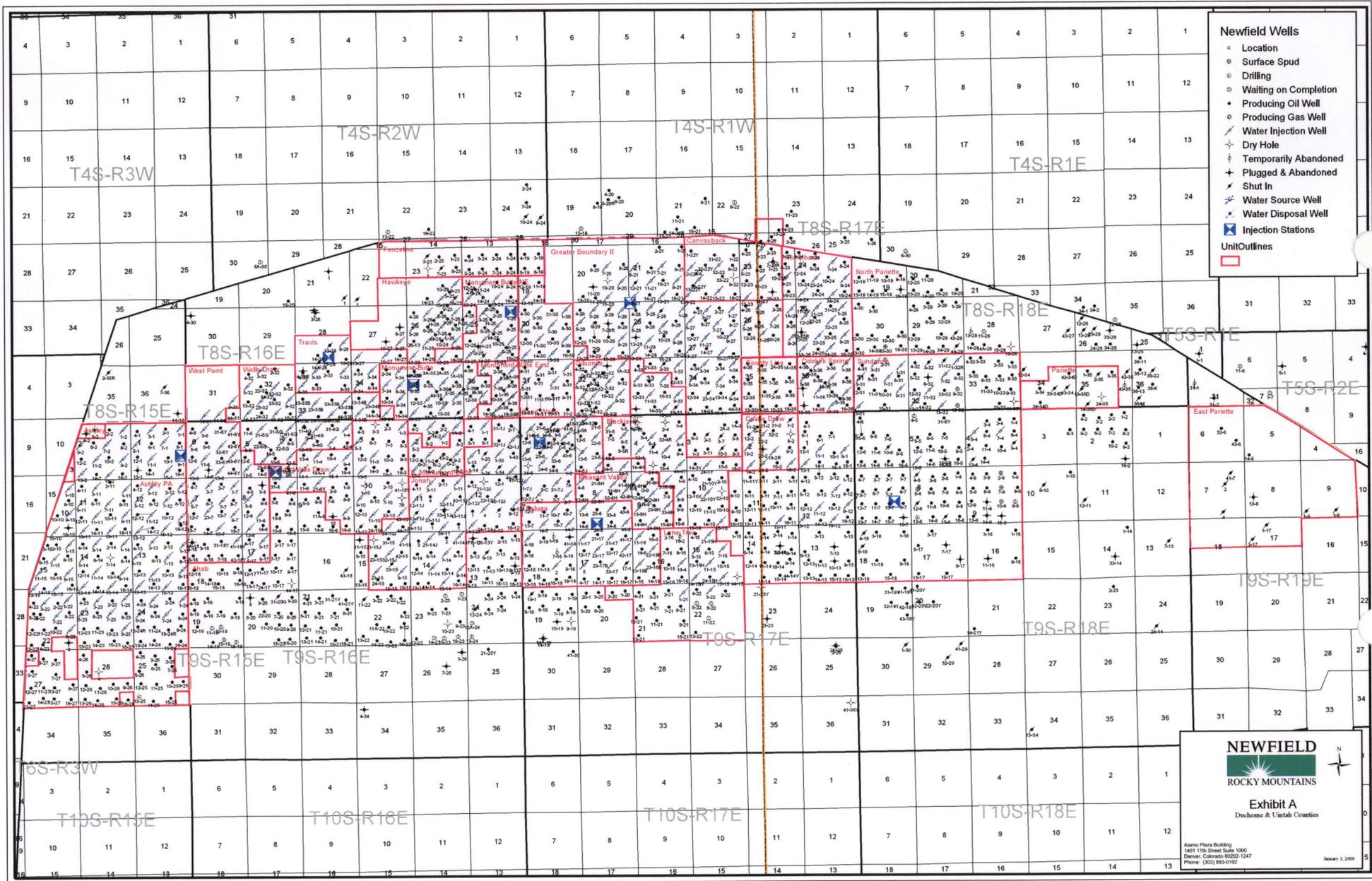
**Legend**

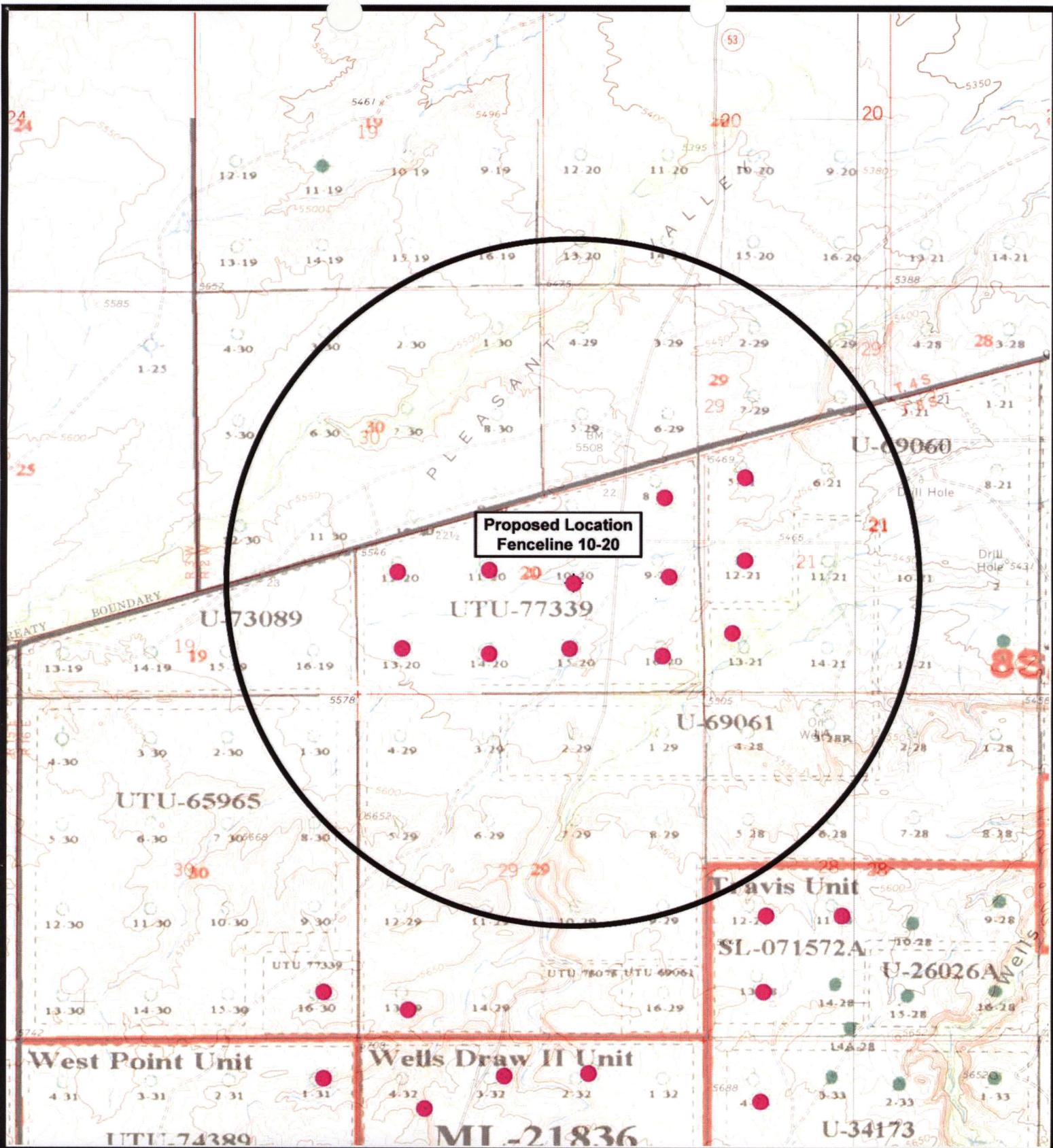
-  Roads
-  Proposed Gas Line

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TOPOGRAPHIC MAP

**"C"**





**Proposed Location  
Fenceline 10-20**



**NEWFIELD**  
Exploration Company

**Fenceline 10-20-8-16  
SEC. 20, T8S, R16E, S.L.B.&M.**




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

SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 01-02-2008

**Legend**

- Location
- One-Mile Radius

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

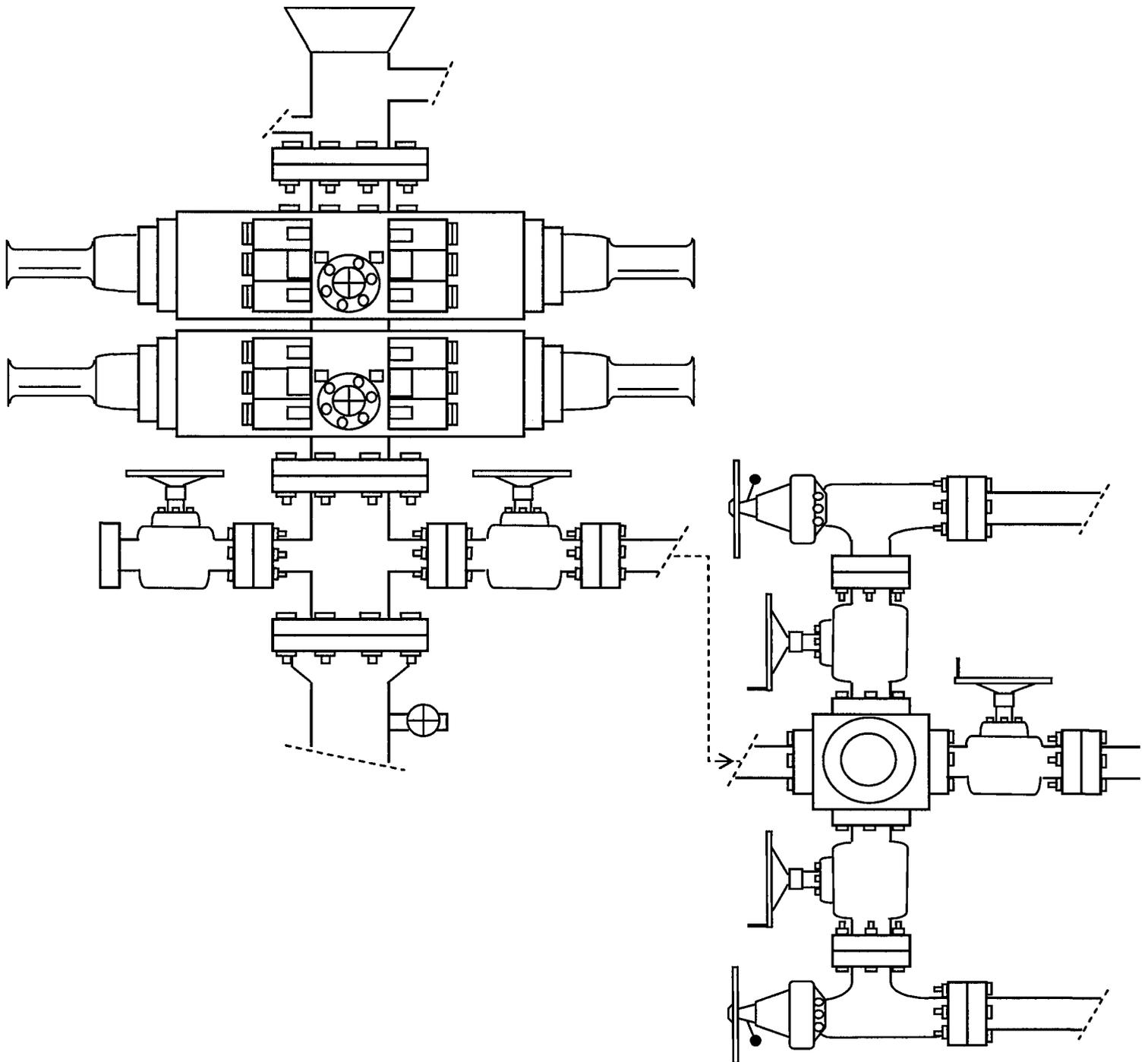


EXHIBIT C

Exhibit "D"

CULTURAL RESOURCE INVENTORY OF  
NEWFIELD EXPLORATION'S NINE 40 ACRE PARCELS:  
7-20, 8-20, 9-20, 10-20, 11-20, 12-20, 13-20, 14-20,  
AND 15-20 (T 8S, R 16E, SECTION 20)  
DUCHESNE COUNTY, UTAH

1 of 2

By:

Patricia Stavish

Prepared For:

Bureau of Land Management  
Vernal Field Office

Prepared Under Contract With:

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

Prepared By:

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

MOAC Report No. 08-102

May 9, 2008

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

State of Utah Antiquities Project (Survey)  
Permit No. U-08-MQ-0337b

**NEWFIELD EXPLORATION COMPANY**

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

Section 21, T 8 S, R 16 E [Entire section excluding NE/NW (3-21) & NW/NW(4-21)];  
Section 20, T 8 S, R 16 E [SW/NE (7-20), SE/NE (8-20), NE/SE (9-20), NW/SE (10-20),  
NE/SW (11-20), NW/SW (12-20), SW/SW (13-20), SE/SW (14-20), & SW/SE (15-20);  
SE/SE, Section 32, T 8 S, R 18 E (16-32-8-18), NE/NE, Section 36, T 8 S, R 17 E (1-36-8-17),  
NE/NW & SW/NW, Section 18, T 9 S, R 19 E (3 & 5-18-9-19), and Proposed Water Injection  
Line at SE/SW, Section 1, T 9 S, R 15 E (14-1-9-15).

**REPORT OF SURVEY**

Prepared for:

**Newfield Exploration Company**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
April 30 & May 1, 2008

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 06/04/2008

API NO. ASSIGNED: 43-013-33996

WELL NAME: FEDERAL 10-20-8-16

OPERATOR: NEWFIELD PRODUCTION ( N2695 )

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

PROPOSED LOCATION:

NWSE 20 080S 160E  
 SURFACE: 1665 FSL 1925 FEL  
 BOTTOM: 1665 FSL 1925 FEL  
 COUNTY: DUCHESNE  
 LATITUDE: 40.10083 LONGITUDE: -110.1400  
 UTM SURF EASTINGS: 573301 NORTHINGS: 4439093  
 FIELD NAME: UNDESIGNATED ( 2 )

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

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-77339  
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. WYB0000493 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 43-10136 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

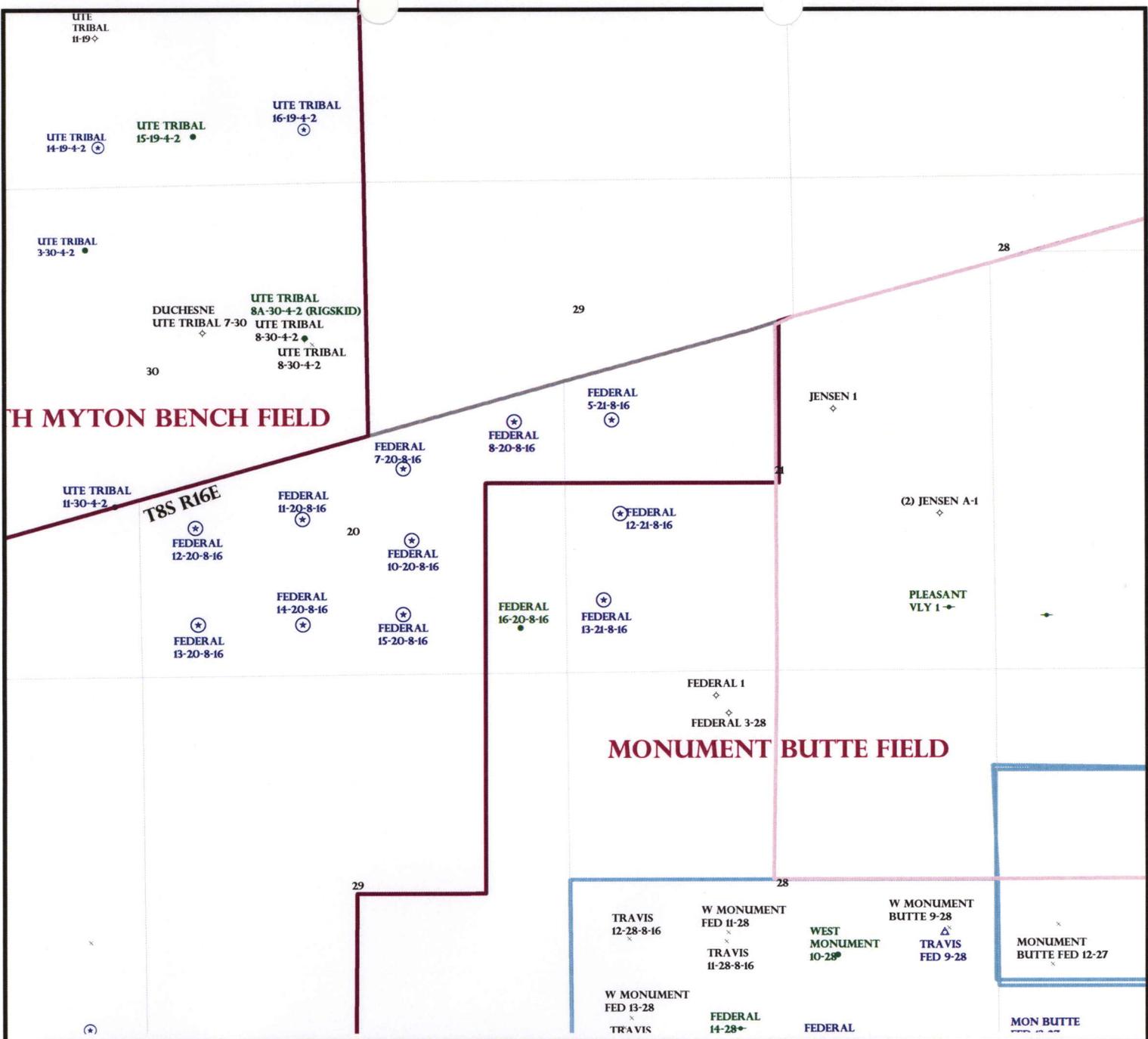
- \_\_\_ R649-2-3.
- Unit: \_\_\_\_\_
- \_\_\_ R649-3-2. General
- Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- \_\_\_ Drilling Unit
- Board Cause No: \_\_\_\_\_
- Eff Date: \_\_\_\_\_
- Siting: \_\_\_\_\_
- \_\_\_ R649-3-11. Directional Drill

COMMENTS:

*See Separate file*

STIPULATIONS:

1. Federal Approval
2. Spacing Strip



OPERATOR: NEWFIELD PROD CO (N2695)  
 SEC: 20 T.8S R. 16E  
 FIELD: UNDESIGNATED(002)  
 COUNTY: DUCHESNE  
 SPACING: R649-3-3 / EXCEPTION LOCATION

Field Status	Unit Status
ABANDONED	EXPLORATORY
ACTIVE	GAS STORAGE
COMBINED	NF PP OIL
INACTIVE	NF SECONDARY
PROPOSED	PENDING
STORAGE	PI OIL
TERMINATED	PP GAS
	PP GEOTHERML
	PP OIL
	SECONDARY
	TERMINATED

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



PREPARED BY: DIANA MASON  
 DATE: 04-JUNE-2008



June 26, 2008

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

RE: Exception Location  
**Federal 10-20-8-16**  
T8S R16E, Section 10: Lot 2  
1665' FSL 1925' FEL  
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to Rule 649-3-3 of the Oil & Gas Rules and Regulations of the State of Utah, Newfield Production Company ("NPC") hereby requests an exception location for the drilling of the captioned well. The proposed drillsite for this well is located 21' south of the drilling window required by Rule R649-3-2, which requires a well to be located in the center of a forty (40) acre quarter-quarter section, or a substantially equivalent lot or tract, with a tolerance of two hundred (200) feet in any direction from the center.

The attached plat depicts the proposed location and illustrates the deviation from the drilling window. The requested location is outside of the required drilling window due to the irregular size of the lot it is located on.

Please note the drillsite and all acreage within 460' is on U-77339, which is owned by NPC 50%, Yates Petroleum Corporation 20%, Yates Drilling Company 10%, Abo Petroleum Corporation 10% and Myco Industries Inc. 10%. You will find copies of consent letters from the aforementioned owners attached to this letter.

If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at [reveland@newfield.com](mailto:reveland@newfield.com). Your consideration of this matter is greatly appreciated.

Sincerely,

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

Roxann Eveland  
Land Associate

Attachment

RECEIVED

JUN 30 2008

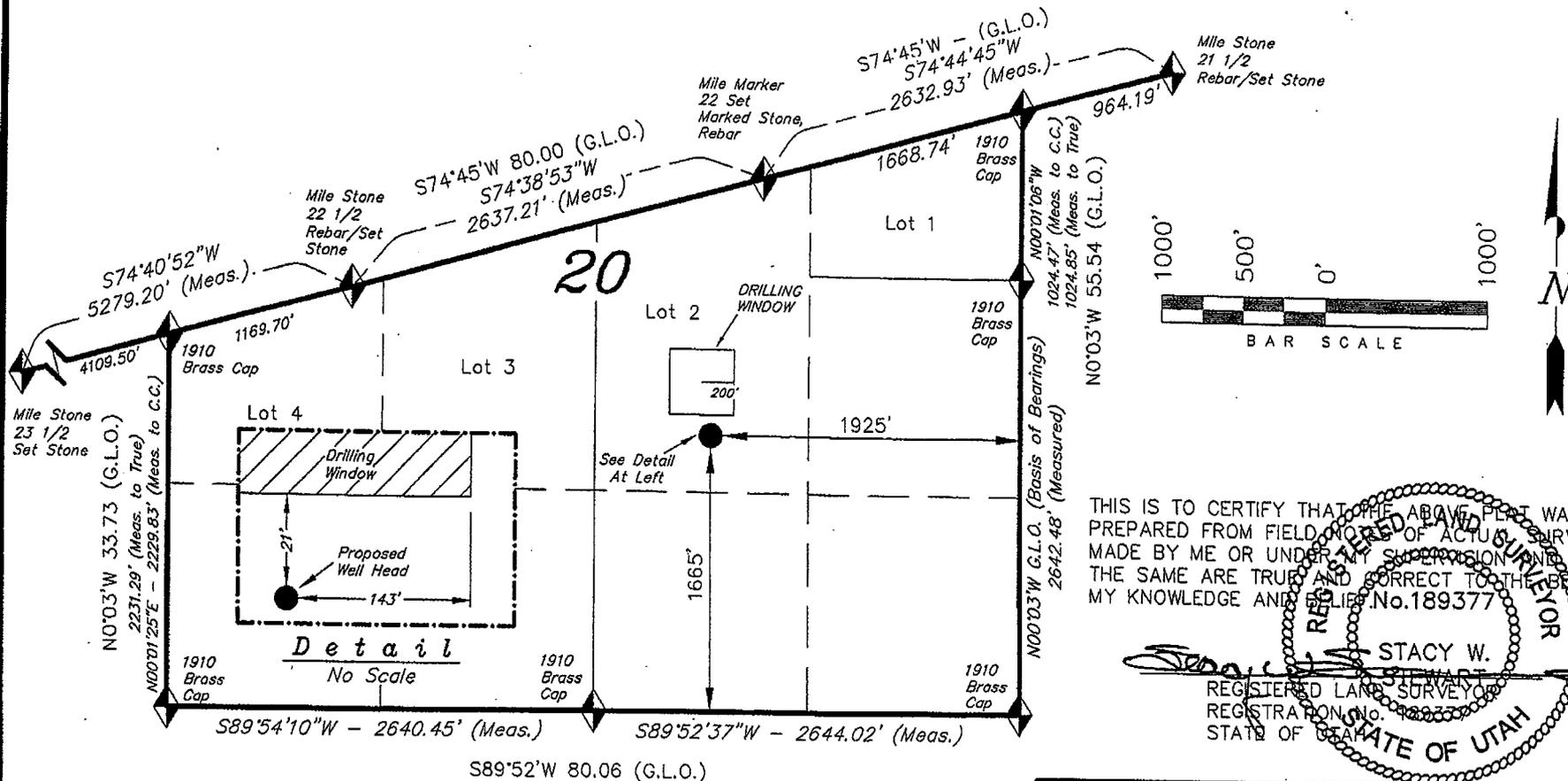
DIV. OF OIL, GAS & MINING

T8S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION:  
**FENCELINE 10-20-8-16**  
 ELEV. UNGRADED GROUND = 5503.5'

WELL LOCATION, FENCELINE 10-20-8-16,  
 LOCATED AS SHOWN IN THE NW 1/4 SE  
 1/4 (LOT 2) OF SECTION 20, T8S, R16E,  
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



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

REGISTERED LAND SURVEYOR  
 STACY W. STEWART  
 REGISTERED LAND SURVEYOR  
 REGISTRATION No. 189377  
 STATE OF UTAH

◆ = SECTION CORNERS LOCATED

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

FENCELINE 10-20-8-16  
 (Surface Location) NAD 83  
 LATITUDE = 40° 06' 02.69"  
 LONGITUDE = 110° 08' 26.58"

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

DATE SURVEYED: 11-27-07	SURVEYED BY: C.M.
DATE DRAWN: 12-18-07	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

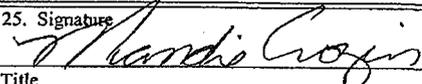
FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

5. Lease Serial No. UTU-77339	
6. If Indian, Allottee or Tribe Name N/A	
7. If Unit or CA Agreement, Name and No. N/A	
8. Lease Name and Well No. Federal 10-20-8-16	
9. API Well No.	
10. Field and Pool, or Exploratory Monument Butte	
11. Sec., T., R., M., or Blk. and Survey or Area NW/SE Sec. 20, T8S R16E	
12. County or Parish Duchesne	13. State UT
14. Distance in miles and direction from nearest town or post office* Approximatley 8.3 miles southwest of Myton, Utah	15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any) Approx. 1665' f/ise, NA' f/unit
16. No. of Acres in lease 557.08	17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1007'	19. Proposed Depth 6495'
20. BLM/BIA Bond No. on file WYB000493	21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5504' GL
22. Approximate date work will start* 4th Quarter 2008	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 5/28/08
Title Regulatory Specialist		

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

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

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

\*(Instructions on reverse)

RECEIVED  
JUN 30 2008  
DIV. OF OIL, GAS & MINING



June 10, 2008

Yates Petroleum Corporation  
ATTN: Cody Moore  
105 S. 4<sup>th</sup> Street  
Artesia, NM 88210

RE: Exception Location  
Federal 10-20-8-16  
Duchesne County, Utah

Dear Mr. Moore;

Please be advised Newfield Production Company has submitted an application for permit to drill for the following well:

**Federal 10-20-8-16**  
UTU-77339  
T8S R16E, Section 20: Lot 2  
1665' FSL 1925' FEL  
Duchesne County, Utah

This well is located outside of the drilling window as required by State of Utah R649-3-2 due to issues with the terrain. It is necessary to obtain your written concurrence with this exception location as a 20% working interest owner in UTU-77339, the lease the well will be drilled on.

Enclosed you will find a plat showing the location of the above referenced well. If you are in agreement to this location, please verify your consent by signing and dating where indicated on page 2 of this letter and returning to my attention as soon as possible by fax to 303-893-0103 or email at [reveland@newfield.com](mailto:reveland@newfield.com).

If you have any questions or need further information, please do not hesitate to contact me at 303-382-4444. I appreciate your prompt attention to this matter.

Sincerely,

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

Roxann Eveland  
Land Associate

Enclosure

TO: Newfield Production Company  
Attn: Roxann Eveland  
[reveland@newfield.com](mailto:reveland@newfield.com)  
303-893-0103 fax

RE: Exception Location  
Federal 10-20-8-16  
UTL-77339  
T8S R16E, Section 20, Lot 2  
1665' FSL 1925' FEL  
Duchesne County, Utah

Please be advised Yates Petroleum Corporation does not have an objection to the proposed location of the  
aforementioned well.

YATES PETROLEUM CORPORATION

By:   
Cole Moore, Associate Landman  
Print Name and Title

Date: 6/23/08



June 10, 2008

Yates Drilling Company  
ATTN: Cody Moore  
105 S. 4<sup>th</sup> Street  
Artesia, NM 88210

RE: Exception Location  
Federal 10-20-8-16  
Duchesne County, Utah

Dear Mr. Moore;

Please be advised Newfield Production Company has submitted an application for permit to drill for the following well:

**Federal 10-20-8-16**  
UTU-77339  
T8S R16E, Section 20: Lot 2  
1665' FSL 1925' FEL  
Duchesne County, Utah

This well is located outside of the drilling window as required by State of Utah R649-3-2 due to issues with the terrain. It is necessary to obtain your written concurrence with this exception location as a 10% working interest owner in UTU-77339, the lease the well will be drilled on.

Enclosed you will find a plat showing the location of the above referenced well. If you are in agreement to this location, please verify your consent by signing and dating where indicated on page 2 of this letter and returning to my attention **as soon as possible** by fax to 303-893-0103 or email at [reveland@newfield.com](mailto:reveland@newfield.com).

If you have any questions or need further information, please do not hesitate to contact me at 303-382-4444. I appreciate your prompt attention to this matter.

Sincerely,

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

Roxann Eveland  
Land Associate

Enclosure

TO: Newfield Production Company  
Attn: Roxann Eveland  
[reveland@newfield.com](mailto:reveland@newfield.com)  
303-893-0103 fax

RE: Exception Location  
Federal 10-20-8-16  
UTU-77339  
T8S R16E, Section 20; Lot 2  
1665' FSL 1925' FEL  
Duchesne County, Utah

Please be advised Yates Drilling Company does not have an objection to the proposed location of the  
aforementioned well.

YATES DRILLING COMPANY

By: 

Date: 6/23/08

Cody Moore, Associate Landman  
Print Name and Title



June 10, 2008

Abo Petroleum Corporation  
PO Box 900  
Artesia, NM 88211

RE: Exception Location  
Federal 10-20-8-16  
Duchesne County, Utah

Ladies and/or Gentlemen;

Please be advised Newfield Production Company has submitted an application for permit to drill for the following well:

**Federal 10-20-8-16**  
UTU-77339  
T8S R16E, Section 20: Lot 2  
1665' FSL 1925' FEL  
Duchesne County, Utah

This well is located outside of the drilling window as required by State of Utah R649-3-2 due to issues with the terrain. It is necessary to obtain your written concurrence with this exception location as a 10% working interest owner in UTU-77339, the lease the well will be drilled on.

Enclosed you will find a plat showing the location of the above referenced well. If you are in agreement to this location, please verify your consent by signing and dating where indicated on page 2 of this letter and returning to my attention as soon as possible by fax to 303-893-0103 or email at [reveland@newfield.com](mailto:reveland@newfield.com).

If you have any questions or need further information, please do not hesitate to contact me at 303-382-4444. I appreciate your prompt attention to this matter.

Sincerely,

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

Roxann Eveland  
Land Associate

Enclosure

TO: Newfield Production Company  
Attn: Roxann Eveland  
[reveland@newfield.com](mailto:reveland@newfield.com)  
303-893-0103 fax

RE: Exception Location  
Federal 10-20-8-16  
UTU-77339  
T8S R16E, Section 20, Lot 2  
1665' FSL, 1925' FFL  
Duchesne County, Utah

Please be advised Abo Petroleum Corporation does not have an objection to the proposed location of the  
aforementioned well.

**ABO PETROLEUM CORPORATION**

By:   
Cady Moore, Associate Landman  
Print Name and Title

Date: 6/23/08



June 10, 2008

Myco Industries Inc.  
PO Box 840  
Artesia, NM 88211

RE: Exception Location  
Federal 10-20-8-16  
Duchesne County, Utah

Ladies and/or Gentlemen;

Please be advised Newfield Production Company has submitted an application for permit to drill for the following well:

**Federal 10-20-8-16**  
UTU-77339  
T8S R16E, Section 20: Lot 2  
1665' FSL 1925' FEL  
Duchesne County, Utah

This well is located outside of the drilling window as required by State of Utah R649-3-2 due to issues with the terrain. It is necessary to obtain your written concurrence with this exception location as a 10% working interest owner in UTU-77339, the lease the well will be drilled on.

Enclosed you will find a plat showing the location of the above referenced well. If you are in agreement to this location, please verify your consent by signing and dating where indicated on page 2 of this letter and returning to my attention **as soon as possible** by fax to 303-893-0103 or email at [reveland@newfield.com](mailto:reveland@newfield.com).

If you have any questions or need further information, please do not hesitate to contact me at 303-382-4444. I appreciate your prompt attention to this matter.

Sincerely,

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

Roxann Eveland  
Land Associate

Enclosure

TO: Newfield Production Company  
Attn: Roxann Eveland  
reveland@newfield.com  
303-893-0103 fax

RE: Exception Location  
Federal 10-20-8-16  
UTU-77339  
T8S R16E, Section 20, Lot 2  
1665' FSL 1925' FLL  
Duchesne County, Utah

Please be advised Myco Industries Inc. does not have an objection to the proposed location of the  
aforementioned well.

MYCO INDUSTRIES INC.

By:   
Cindy Blaxie, Associate Geologist  
Print Name and Title

Date: 6/23/08



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

July 7, 2008

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

Re: Federal 10-20-8-16 Well, 1665' FSL, 1925' FEL, NW SE, Sec. 20, T. 8 South, R. 16 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.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby 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 43-013-33996.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

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



Operator: Newfield Production Company

Well Name & Number Federal 10-20-8-16

API Number: 43-013-33996

Lease: UTU-77339

Location: NW SE                      Sec. 20                      T. 8 South                      R. 16 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. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

RECEIVED  
VERNAL FIELD OFFICE

2008 JUN 4 PM 1 09

Form 3160-3  
(September 2001)

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-77339
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 10-20-8-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SE (Lot #2) 1665' FSL 1925' FEL At proposed prod. zone		9. API Well No. 43 013 33916
14. Distance in miles and direction from nearest town or post office* Approximatley 8.3 miles southwest of Myton, Utah		10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1665' f/lse, NA' f/unit	16. No. of Acres in lease 557.08	11. Sec., T., R., M., or Blk. and Survey or Area NW/SE Sec. 20, T8S R16E
17. Spacing Unit dedicated to this well 40 Acres	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1007'	12. County or Parish Duchesne
19. Proposed Depth 6495'	20. BLM/BIA Bond No. on file WYB000493	13. State UT
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5504' GL	22. Approximate date work will start* 4th Quarter 2008	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 5/28/08
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) Julie Kevall	Date SEP 17 2008
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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

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

\*(Instructions on reverse)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

RECEIVED

SEP 23 2008

DIV. OF OIL, GAS & MINING

NOS 3/17/08  
08PP0003A



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

170 South 500 East      VERNAL, UT 84078      (435) 781-4400



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

<b>Company:</b>	<b>Newfield Production Company</b>	<b>Location:</b>	<b>Lot 2, Sec 20, T8S, R16E</b>
<b>Well No:</b>	<b>Federal 10-20-8-16</b>	<b>Lease No:</b>	<b>UTU-77339</b>
<b>API No:</b>	<b>43-013-33996</b>	<b>Agreement:</b>	<b>N/A</b>

<b>Title</b>	<b>Name</b>	<b>Office Phone Number</b>	<b>Cell Phone Number</b>
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

**Fax: (435) 781-3420**

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify NRS/Enviro Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS/Enviro 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 Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings
BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician)	-	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)**

### **General Surface COAs**

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

### **Specific Surface COAs**

#### **STIPULATIONS:**

- An active colony of prairie dogs and their burrows (burrowing owl habitat) were observed on and around the proposed site. With this occurrence there will be a timing restriction during project activity (construction and drilling) to minimize disturbance during Burrowing Owl nesting from April 1 – July 15.
- The proposed area contains Mountain plover habitat. With this occurrence there will be a timing restriction during project activity (construction and drilling) to minimize disturbance during Mountain plover nesting from May 1 – June 15.

#### **Lease Notices from RMP:**

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

#### **Comments:**

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

#### **Follow-up Actions and/or Recommendations:**

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

#### **CONDITIONS OF APPROVAL:**

- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- All pipelines (surface and buried) will be laid within one 50' wide construction ROW, on one side of the road, and will reduce down to a 30' wide permanent ROW on lease.

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

Seed mix:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirreltail grass	<i>Elymus elymoides</i>	5.0	¼ - ½"
Siberian wheatgrass	<i>Agropyron fragile</i>	3.0	½"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	½"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	½"
Gardner's saltbush	<i>Atriplex gardneri</i>	0.50	½"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.20	⅛ - ¼"

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

Final reclamation:

- Once the location is plugged and abandoned, the well location, access, and any disturbed areas shall be recontoured to natural topography, topsoil shall be respread, and the entire location shall be seeded following guidelines in the seed mix bullet statement above. Final seed mix: same as interim.
- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- The 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, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (see above). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding shall take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.

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

## **DOWNHOLE CONDITIONS OF APPROVAL**

### **SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

- None

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

### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

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

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

## **OPERATING REQUIREMENT REMINDERS:**

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

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

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

Spud  
BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig  
Name/# NDSI NS #1 Submitted By Jim  
Smith Phone Number 823-2072  
Well Name/Number Federal 10-20-8-16

Qtr/Qtr NW/SE Section 20 Township 8S  
Range 16E

Lease Serial Number UTU-  
77339

API Number 43-013-  
33996

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

Date/Time 11/07/08 8:45 AM  PM

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

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

Date/Time 11/07/08 2:00 AM   
PM

BOPE

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

Other

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

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

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

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

OPERATOR ACCT. NO. **N2695**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	17211	4301333996	FEDERAL 10-20-8-16	NWSE	20	8S	16E	DUCHESNE	11/7/2008	11/25/08
WELL 5 COMMENTS: GRRV											
B	99999	12391	4301333736	GREATER BOUNDARY FEDERAL 2-19-8-17	NWNE	19	8S	17E	DUCHESNE	11/7/2008	11/25/08
WELL 5 COMMENTS: GRRV											
A	99999	17212	4301333993	FEDERAL 12-20-8-16	NWSW	20	8S	16E	DUCHESNE	11/1/2008	11/25/08
WELL 5 COMMENTS: GRRV											
A	99999	17213	4304739672	FEDERAL 4-28-9-18	NWNW	28	9S	18E	UINTAH	11/8/2008	11/25/08
WELL 5 COMMENTS: GRRV											
B	99999	11492	4301334011	JONAH FEDERAL N-14-9-16	NWSW	14	9S	16E	DUCHESNE	11/10/2008	11/25/08
WELL 5 COMMENTS: GRRV BHL = NESW											
B	99999	12391	4301333735	GREATER BOUNDARY FEDERAL 7-19-8-17	SWNE	19	8S	17E	DUCHESNE	11/10/2008	11/25/08
WELL 5 COMMENTS: GRRV											

ACTION CODES (See instructions on back of form)

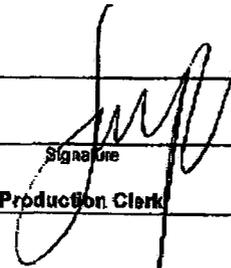
- A - new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - Other (explain in comments section)

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

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NOV 13 2008

DIV. OF OIL, GAS & MINING

Signature:   
Jenri park  
Production Clerk  
Date: 11/13/08

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)  
435.646.3721

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

NWSE Section 20 T8S R16E

5. Lease Serial No.

USA UTU-77339

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.

FEDERAL 10-20-8-16

9. API Well No.

4301333996

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

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

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

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

On 11/7/08 MIRU NS # 1. Spud well @ 8:45am. Drill 320' of 121/4" hole with air mist. TIH w/7 jt's 85/8" j-55 24# csgn. set @ 321.93KB On 11/14/08 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello-Flake mixed @15.8 ppg>1.17 cf/sk yeild. Returned 0 bbls cement to pit. Woc. On 11/16/08 cemented 1" top off job 36'. 2bbls returned to pit.

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

Jay Burton

Signature

*Jay P. Burton*

Title

Drilling Foreman

Date

11/17/2008

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

Approved by

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

Title

Office

Date

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

(Instructions on page 2)

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**NOV 19 2008**

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





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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Oil Well  Gas Well  Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

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Myton, UT 84052

3b. Phone (include are code)  
435.646.3721

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

NWSE Section 20 T8S R16E

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USA UTU-77339

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

8. Well Name and No.

FEDERAL 10-20-8-16

9. API Well No.

4301333996

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

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

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

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

On 12/5/08 MIRU Patterson # 155. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6460'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 165 jt's of 5.5 J-55, 15.5# csgn. Set @ 6453.93KB. Cement with 340 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 52 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 106,000 #'s tension. Release rig @ 6:00am on 12/12/08.

RECEIVED

DEC 23 2008

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed)	Title
Jay Burton	Drilling Foreman
Signature <i>Jay C. Burton</i>	Date
	12/12/2008

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

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

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

(Instructions on page 2)

**NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT**

**5 1/2" CASING SET @ 6453.93**

LAST CASING: 8-5/8" SET @ 321.23  
 DATUM (KB) 12  
 DATUM TO CUT OFF CASING 12  
 DATUM TO BRADENHEAD FLANGE 12  
 DRILLER TD 6460 LOGGER TD 6452  
 HOLE SIZE 7-7/8" TOP FLOAT COLLAR @ 6414.10  
 TOP SHORT JT @ 4357.53

OPERATOR: Newfield Production Company  
 WELL: Fed 10-20-8-16  
 FIELD/PROSPECT: Monument Butte  
 CONTRACTOR & RIG #: Patterson # 155

**LOG OF CASING STRING:**

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
1		Landing Jt	15.5#	J-55	8rd	A	14
164	5 1/2"	LT&C CASING	15.5#	J-55	8rd	A	6402.10
1	5 1/2"	FLOAT COLLAR	-	-	-	A	0.6
1	5 1/2"	LT&C CASING	15.5#	J-55	8rd	A	38.58
1	5 1/2"	GUIDE SHOE					0.65

TOTAL LENGTH OF STRING	6455.93
(-) LANDING JT	14
(-) AMOUNT CUTOFF	0
(+) KB ELEVATION	12
<b>CASING SET DEPTH</b>	<b>6453.93</b>

CASING INVENTORY BAL.	FEET	JTS
TOTAL LENGTH OF STRING	6455.93	165
LESS NON CSG. ITEMS	15.25	-
PLUS FULL JTS. LEFT OUT	159.45	4
<b>TOTAL</b>	<b>6600.13</b>	<b>169</b>
TOTAL CSG. DEL. (W/O THRDS)	6600.13	169

COMPARE (SHOULD BE EQUAL)

CEMENT DATA		TIME	DATE
BEGIN RUN CSG.		10:30pm	12/11/2008
CSG. IN HOLE		3:00am	12/12/2008
BEGIN CIRC		3:30am	12/12/2008
BEGIN PUMP CMT		4:38am	12/12/2008
BEGIN DSPL. CMT		5:40am	12/12/2008
PLUG DOWN		6:05am	12/12/2008

GOOD CIRC THRU JOB: yes  
 Bbls CMT CIRC TO SURFACE: 52  
 RECIPROCATED PIPE: No  
 DID BACK PRES. VALVE HOLD ? yes  
 BUMPED PLUG TO: 1790 PSI

**RECEIVED**  
**DEC 23 2008**  
 DIV. OF OIL, GAS & MINING

**CEMENT USED**

CEMENT COMPANY:	BJ	
STAGE	# SX	CEMENT TYPE & ADDITIVES
1 (lead)	340	Premium Lite II cement + 0.05 lbs/sack Static Free + 3% bwoc Potassium Chloride + 0.5 lbs/sack Cello Flake + 2 lbs/sack Kol Seal + 0.002 gps FP-6L + 10% bwoc Bentonite + 0.5% bwoc Sodium Metasilicate + 5 lbs/sack CSE-2 + 204.7% Fresh Water
2 (tail)	450	(50:50) Poz (Fly Ash): Class G Cement + 0.05 lbs/sack Static Free + 3% bwoc Potassium Chloride + 0.5% bwoc EC-1 + 0.25 lbs/sack Cello Flake + 0.002 gps FP-6L + 2% bwoc Bentonite + 0.3% bwoc Sodium Metasilicate + 54.7% Fresh Water

**CENTRALIZER & SCRATCHER PLACEMENT (SHOW MAKE & SPACING)**

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

COMPANY REPRESENTATIVE

Jay Burton

DATE 12/12/2008



## Daily Activity Report

Format For Sundry

**FEDERAL 10-20-8-16**

**11/1/2008 To 3/28/2009**

**12/31/2008 Day: 1**

**Completion**

Rigless on 12/30/2008 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6373' cement top @ 42'. Perforate stage #1. CP4 sds @ 6188-98' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 40 shots. 153 BWTR. SIFN.

**1/3/2009 Day: 2**

**Completion**

Rigless on 1/2/2009 - Day2a. RU BJ Services "Ram Head" frac flange. RU BJ & frac CP4 sds, stage #1 down casing w/ 39,921#'s of 20/40 sand in 443 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 3070 psi. Pump 30 gals of Techna Hib 767W chemical @ 4% by volume. Treated @ ave pressure of 2558 w/ ave rate of 23 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2647. 596 bbls EWTR. Leave pressure on well. See day2b. Day2b. RU Perforators LLC. WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 12', 8' perf guns. Set plug @ 6120'. Perforate CP2 sds @ 6042-54', CP1 sds @ 5998-6006' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°) w/ 4 spf for total of 80 shots. RU BJ & frac stage #2 w/ 60,762#'s of 20/40 sand in 539 bbls of Lightning 17 frac fluid. Open well w/ 1761 psi on casing. Perfs broke down @ 3681 psi. Pump 30 gals of Techna Hib 767W chemical @ 4% by volume. Treated @ ave pressure of 2540 w/ ave rate of 27 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2381. 1135 bbls EWTR. Leave pressure on well. See day2b. Day2c. RU WLT. RIH w/ frac plug & 6' perf gun. Set plug @ 5660'. Perforate A.5 sds @ 5554-60' w/ 4 spf for total of 80 shots. RU BJ & frac stage #3 w/ 35,589#'s of 20/40 sand in 386 bbls of Lightning 17 frac fluid. Open well w/ 1871 psi on casing. Perfs broke down @ 3020 psi. Pump 30 gals of Techna Hib 767W chemical @ 4% by volume. Treated @ ave pressure of 2163 w/ ave rate of 23 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2014. 1521 bbls EWTR. Leave pressure on well. See day2c. Day2d. RU WLT. RIH w/ frac plug & 6', 8', 7' perf guns. Set plug @ 4630'. Perforate GB4 sds @ 4524-30' & GB2 sds @ 4482-90', 4450-57' w/ 4 spf for total of 94 shots. RU BJ & frac stage #4 w/ 60,568#'s of 20/40 sand in 494 bbls of Lightning 17 frac fluid. Open well w/ 1715 psi on casing. Perfs broke down @ 1788 psi. Pump 30 gals of Techna Hib 767W chemical @ 4% by volume. Treated @ ave pressure of 2324 w/ ave rate of 25 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2426. 2015 bbls EWTR. Leave pressure on well. See day2e. Day2e. RU WLT. RIH w/ frac plug & 8' perf gun. Set plug @ 4380'. Perforate GG2 sds @ 4314-22' w/ 4 spf for total of 32 shots. RU BJ & frac stage #5 w/ 39,298#'s of 20/40 sand in 389 bbls of Lightning 17 frac fluid. Open well w/ 1899 psi on casing. Perfs broke down @ 3841 psi. Pump 30 gals of Techna Hib 767W chemical @ 4% by volume. Treated @ ave pressure of 1834 w/ ave rate of 23 bpm w/ 8 ppg of sand. ISIP was 1897. 2404 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 8 hours & won't dye. SIFN

**1/7/2009 Day: 3**

**Completion**

Western #3 on 1/6/2009 - MIRUSU. Thaw well out. Open well w/ 490 psi on casing. Well flowed for 210 bbls fluid. RD Cameron BOP's & frac head. Instal 3M production tbg head & Scheafer BOP's. RU 4-3/4" Chomp mill & x-over sub. Tally pickup & TIH w/ 2-7/8" new J-55, 6.5# tbg to tag plug @ 4380'. RU swivel, pump & tanks. Drlg out plug #1. TIH w/ tbg to tag plug @ 4630'. Drlg out plug #2. Leave EOT @ 4649'. SIFN.

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**1/8/2009 Day: 4****Completion**

Western #3 on 1/7/2009 - Thaw well out. Open well w/ 180 psi on casing. RU swivel, pump & tanks. TIH w/ tbg to tag sand @ 5534'. C/O to plug @ 5660'. Drlg out plug #3. TIH w/ tbg to tag plug @ 6120'. Drlg out plug #4. TIH w/ tbg to tag fill @ 6304'. C/O to PBD @ 6414'. LD 2 jts tbg. RU swab equipment. Made 9 runs to rec'd 115 bbls of fluid. IFL was surface. FFL was 600'. Last run showed no sand w/ trace of oil. Leave EOT @ 6362'. SIFN.

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**1/9/2009 Day: 5****Completion**

Western #3 on 1/8/2009 - Thaw well out. Open well w/ 100 psi on casing. TOOH w/ tbg. LD mill & x-over sub. TIH w/ NC, 2 jts tbg, SN, 2 jt tbg, TA new CDI w/ 45,000# shear, 195 jts tbg. RD BOP's. Set TA @ 6147' w/ 16,000#'s tension w/ SN @ 6213' & EOT @ 6277'. Flush tbg w/ 60 bbls water. Pickup & prime pump. TIH w/ new CDI 2-1/2" x 1-1/2" x 16' x 20' RHAC pump w/ 174"SL, 6- 1-1/2" weight rods, 20- 3/4" guided rods, 121- 3/4" plain rods, 101- 7/8" guided rods, 1-1/2" x 26' polished rod. Space pump. Test tbg & pump to 800 psi. RDMOSU. POP @ 5:30PM w/ 5 spm w/ 102"SL. Final Report.

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**Pertinent Files: Go to File List**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
UTU-77339

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

6. If Indian, Allottee or Tribe Name  
NA

7. Unit or CA Agreement Name and No.  
FEDERAL

2. Name of Operator  
NEWFIELD EXPLORATION COMPANY

8. Lease Name and Well No.  
FEDERAL 10-20-8-16

3. Address 1401 17TH ST. SUITE 1000 DENVER, CO 80202 3a. Phone No. (include area code)  
(435)646-3721

9. AFI Well No.  
43-013-33996

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

10. Field and Pool or Exploratory  
MONUMENT BUTTE

At surface 1665' FSL & 1925' FEL (NW/SE) SEC. 20, T8S, R16E

11. Sec., T., R., M., on Block and  
Survey or Area SEC. 20, T8S, R16E

At top prod. interval reported below

12. County or Parish DUCHESNE 13. State UT

At total depth 6460'

14. Date Spudded 11/07/2008 15. Date T.D. Reached 12/11/2008 16. Date Completed 01/08/2009  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
5504' GL 5516' KB

18. Total Depth: MD 6460' TVD 19. Plug Back T.D.: MD 6414' TVD 20. Depth Bridge Plug Set: MD TVD

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

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

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#		323'		260 CLASS G			
7-7/8"	5-1/2" J-55	15.5#		6454'		340 PRIMLITE		42'	
						450 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 6278'	TA @ 6147'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER			(CP4) 6188-6198'	.49"	4	40
B) GREEN RIVER			(CP2) & (CP1)see below	.49"	4	80
C) GREEN RIVER			(A5) 5554-5560'	.49"	4	80
D) GREEN RIVER			(GB2) & (GB4)see below	.49"	4	94

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

Depth Interval	Amount and Type of Material
6188-6198'	Frac w/ 39921# of 20/40 snd 443 bbls fluid
5998-6054'	Frac w/ 60762# 20/40 snd 539 bbls fluid
5554-5560'	Frac w/ 35589# 20/40 snd 386 bbls fluid
4450-4530'	Frac w/ 60568# 20/40 snd 494 bbls fluid

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
01/08/09	01/25/09	24	→	38	92	108			2-1/2" x 1-1/2" x 16' x 20' RHAC Pump W/ sm Plunger
Choke Size	Tbg. Press. Flwg. Press.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
SI			→					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. Press.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
SI			→						

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

RECEIVED

FEB 03 2009

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	3981'	
				GARDEN GULCH 1	4211'	
				GARDEN GULCH 2	4330'	
				POINT 3	4617'	
				X MRKR	4879'	
				Y MRKR	4912'	
				DOUGALS CREEK MRK	5034'	
				BI CARBONATE MRK	5290'	
				B LIMESTON MRK	5431'	
				CASTLE PEAK	5954'	
				BASAL CARBONATE	6366'	
				TOTAL DEPTH (LOGGERS)	6452'	

32. Additional remarks (include plugging procedure):

(CP2) 6042-6054' (CP1) 5998-6006'  
 (GB4) 4524-4530' (GB2) 4482-4490', 4450-4457'  
 (GG2) 4314-4322' .49" 4/32 4314-4322' Frac w/ 39298#'s of 20/40 sand in 389 bbls of fluid

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

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

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

Name (please print) Tammi Lee      Title Production Clerk  
 Signature *Tammi Lee*      Date 01/29/2009

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