

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**APPLICATION FOR PERMIT TO DRILL OR REENTER**

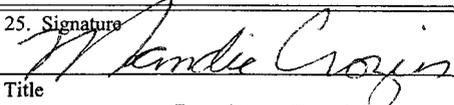
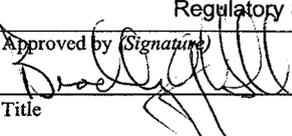
5. Lease Serial No. <b>UTU-69060</b>
6. If Indian, Allottee or Tribe Name <b>N/A</b>
7. If Unit or CA Agreement, Name and No. <b>N/A</b>
8. Lease Name and Well No. <b>Federal 12-21-8-16</b>
9. API Well No. <b>43-013-33999</b>
10. Field and Pool, or Exploratory <b>Monument Butte 165</b>
11. Sec., T., R., M., or Blk. and Survey or Area <b>NW/SW Sec. 21, T8S R16E</b>
12. County or Parish <b>Duchesne</b>
13. State <b>UT</b>

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		
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		
2. Name of Operator <b>Newfield Production Company</b>		
3a. Address <b>Route #3 Box 3630, Myton UT 84052</b>	3b. Phone No. (include area code) <b>(435) 646-3721</b>	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SW 1999' FSL 665' FWL <b>574090X 40.10168</b> At proposed prod. zone <b>4439195Y -110.13076</b>		
14. Distance in miles and direction from nearest town or post office* <b>Approximatley 8.4 miles southwest of Myton, Utah</b>		17. Spacing Unit dedicated to this well <b>40 Acres</b>
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 655' f/lse, NA' f/unit	16. No. of Acres in lease <b>1,130.40</b>	20. BLM/BIA Bond No. on file <b>WYB000493</b>
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1539'	19. Proposed Depth <b>6520'</b>	23. Estimated duration <b>Approximately seven (7) days from spud to rig release.</b>
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>5480' GL</b>	22. Approximate date work will start* <b>4th Quarter 2008</b>	

**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) <b>Mandie Crozier</b>	Date <b>5/29/08</b>
Title <b>Regulatory Specialist</b>		
Approved by (Signature) 	Name (Printed/Typed) <b>BRADLEY G. HILL</b>	Date <b>06-09-08</b>
Title <b>ENVIRONMENTAL MANAGER</b>	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 04 2008**

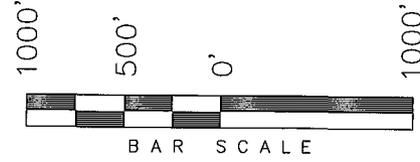
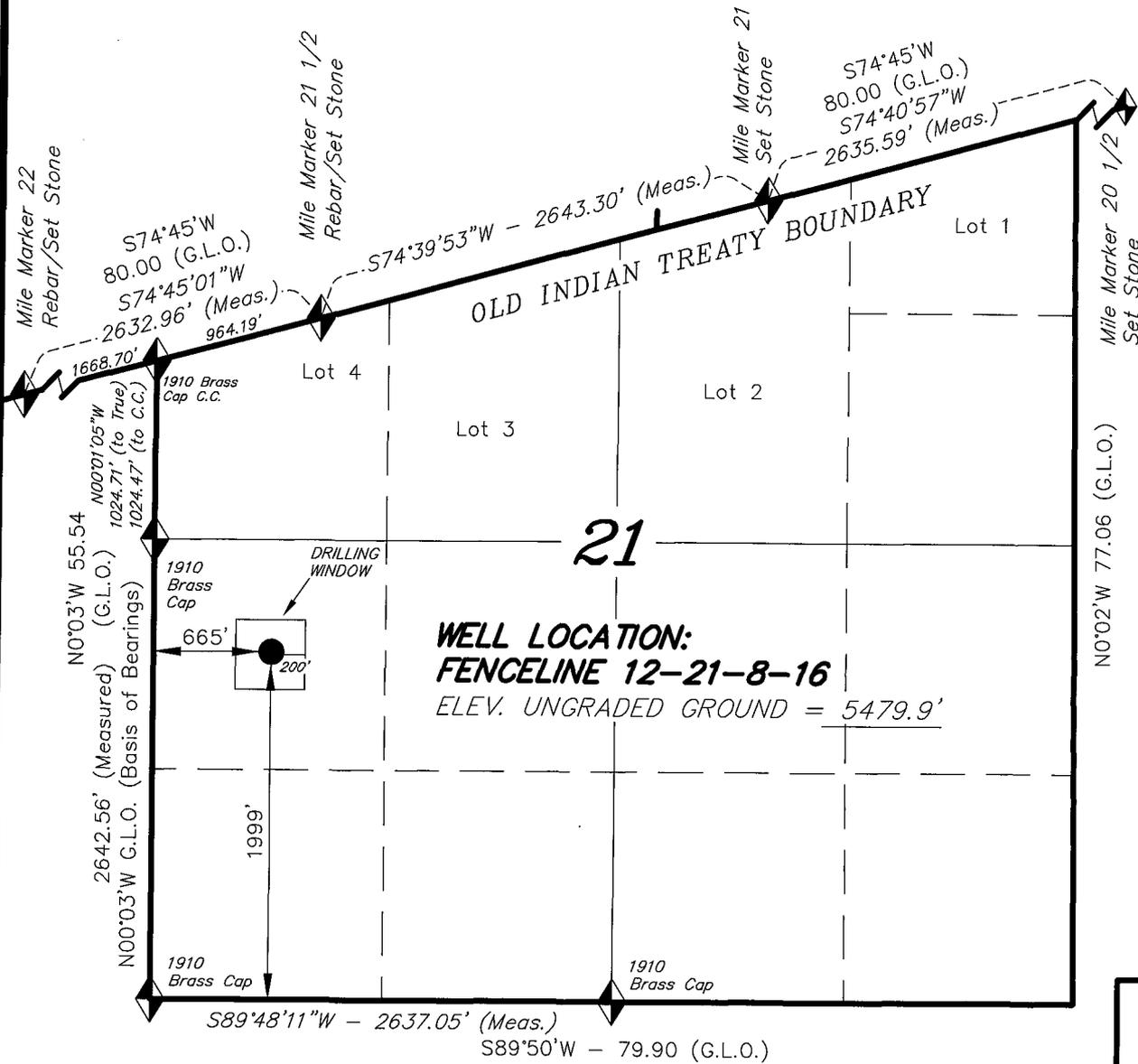
**DIV. OF OIL, GAS & MINING**

**Federal Approval of this  
Action Is Necessary**

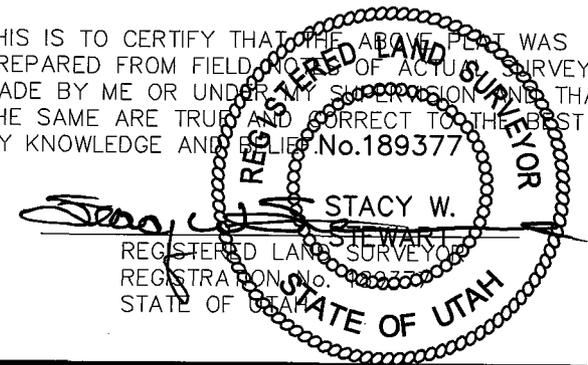
**T8S, R16E, S.L.B.&M.**

**NEWFIELD PRODUCTION COMPANY**

WELL LOCATION, FENCELINE 12-21-8-16,  
 LOCATED AS SHOWN IN THE NW 1/4 SW  
 1/4 OF SECTION 21, T8S, R16E,  
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



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



**WELL LOCATION:**  
**FENCELINE 12-21-8-16**  
 ELEV. UNGRADED GROUND = 5479.9'

**FENCELINE 12-21-8-16**  
 (Surface Location) NAD 83  
 LATITUDE = 40° 06' 06.04"  
 LONGITUDE = 110° 07' 53.25"

◆ = SECTION CORNERS LOCATED  
 BASIS OF ELEV;  
 U.S.G.S. 7-1/2 min QUAD (MYTON SW)

<b>TRI STATE LAND SURVEYING &amp; CONSULTING</b> 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
DATE SURVEYED: 11-27-07	SURVEYED BY: T.H.
DATE DRAWN: 01-16-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY  
FEDERAL 12-21-8-16  
NW/SW SECTION 21, 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' – 2880'
Green River	2880'
Wasatch	6520'

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

Green River Formation 2880' – 6520' - 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 12-21-8-16  
NW/SW SECTION 21, 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 12-21-8-16 located in the NW 1/4 SW 1/4 Section 21, 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 - 6.6 miles  $\pm$  to its junction with and existing road to the west; proceed westerly - 0.3 miles  $\pm$  to its junction with the beginning of the proposed access road to the northeast; proceed northeasterly along the proposed access road - 500' 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. Report #U-98-SJ-0262b, 9/5/98. Paleontological Resource Survey prepared by, Wade E. Miller, 4/30/08. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 500' of disturbed area be granted in Lease UTU-69060 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 500' of disturbed area be granted in Lease UTU-69060 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.

Newfield Production Company requests a 1290' ROW in Lease UTU-77339 and 500' of disturbed area be granted in Lease UTU-69060 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line, with a permanent width of 30' upon completion of the proposed water return line. The construction phase of the proposed water lines will last approximately (5) days. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP. 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.

### **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 #12-21-8-16 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

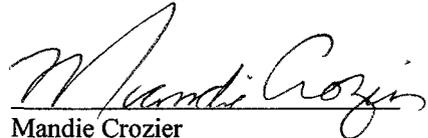
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #12-21-8-16 NW/SW Section 21, Township 8S, Range 16E: Lease UTU-69060 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.

5/29/08

Date



Mandie Crozier

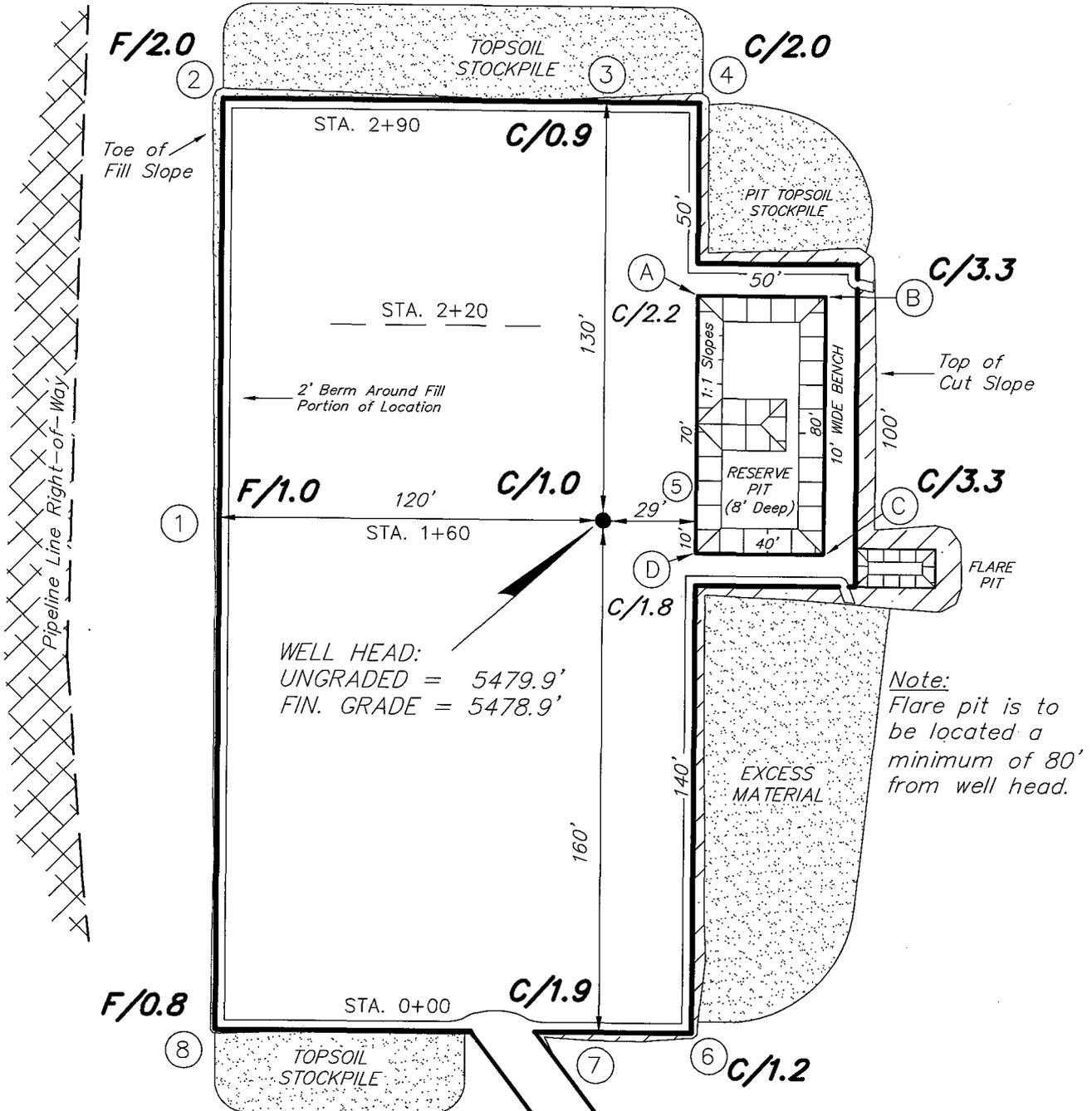
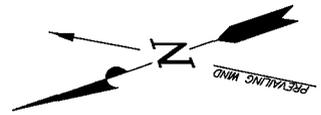
Regulatory Specialist

Newfield Production Company

# NEWFIELD PRODUCTION COMPANY

FENCELINE 12-21-8-16

Section 21, T8S, R16E, S.L.B.&M.



WELL HEAD:  
UNGRADED = 5479.9'  
FIN. GRADE = 5478.9'

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

**REFERENCE POINTS**

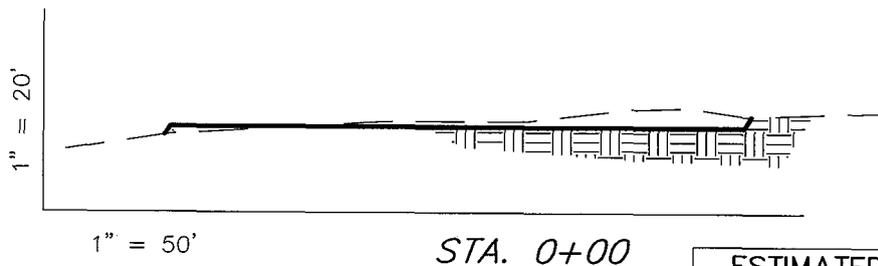
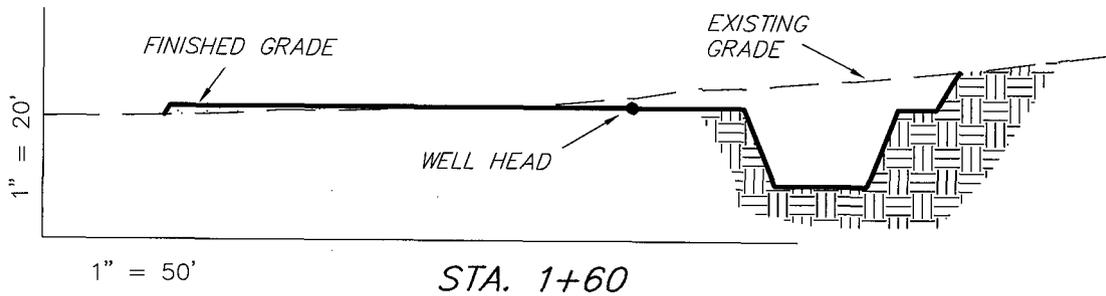
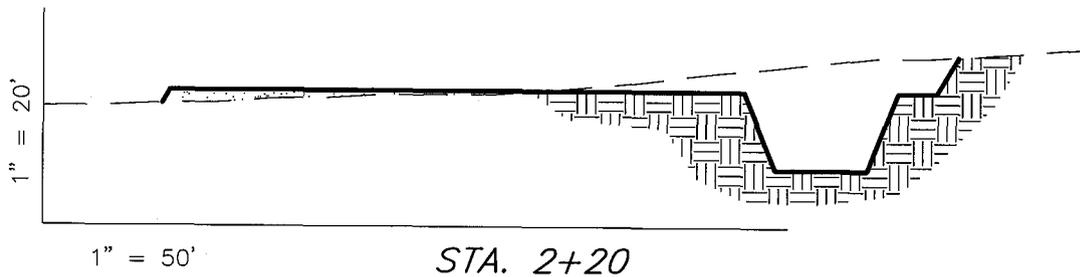
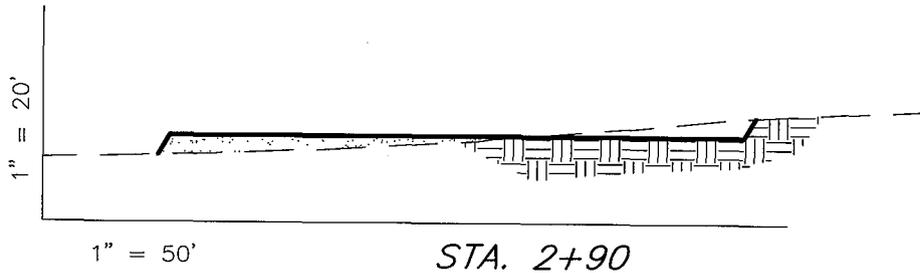
- 210' NORTHWEST = 5479.0'
- 260' NORTHWEST = 5477.8'
- 170' NORTHEAST = 5477.7'
- 220' NORTHEAST = 5477.2'

SURVEYED BY: T.H.	DATE SURVEYED: 11-27-07
DRAWN BY: F.T.M.	DATE DRAWN: 01-16-08
SCALE: 1" = 50'	REVISED:

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

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS FENCELINE 12-21-8-16



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	1,020	1,020	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	1,660	1,020	950	640

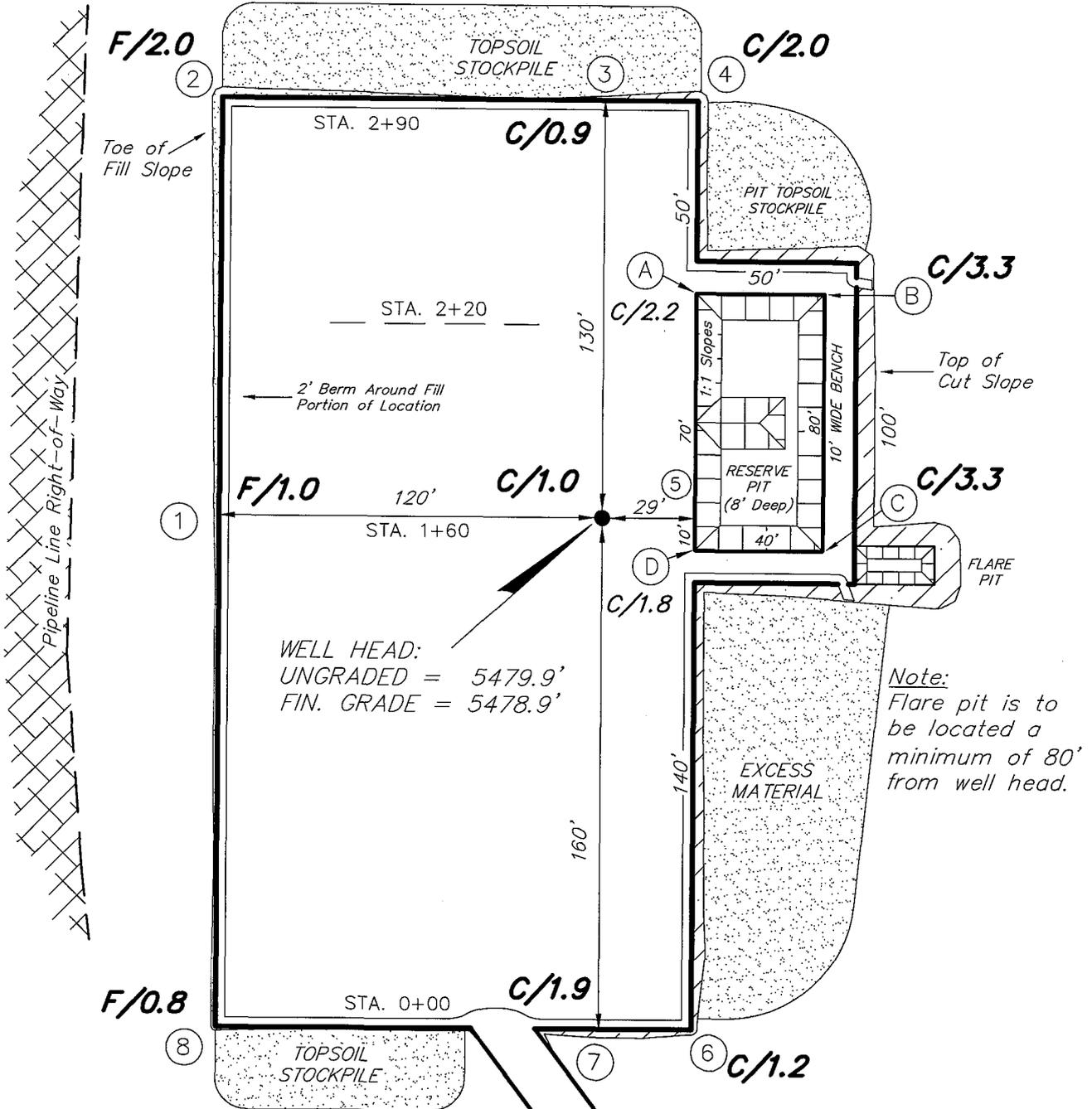
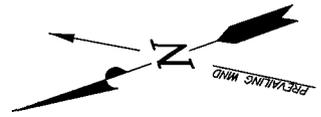
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DRAWN BY: F.T.M.	DATE DRAWN: 01-16-08
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Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

FENCELINE 12-21-8-16

Section 21, T8S, R16E, S.L.B.&M.



**REFERENCE POINTS**

- 210' NORTHWEST = 5479.0'
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 180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
 (435) 781-2501

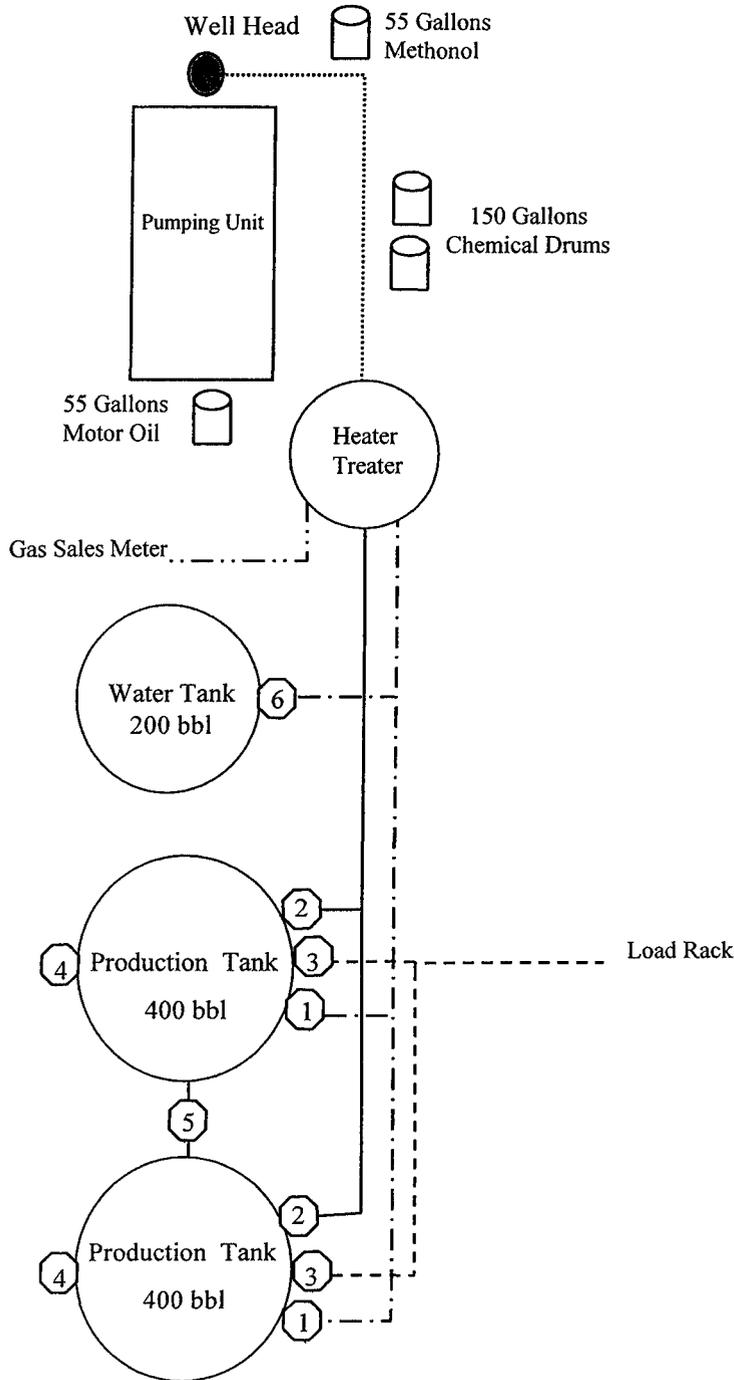
# Newfield Production Company Proposed Site Facility Diagram

Federal 12-21-8-16

NW/SW Sec. 21, T8S, R16E

Duchesne County, Utah

UTU-69060



## 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:

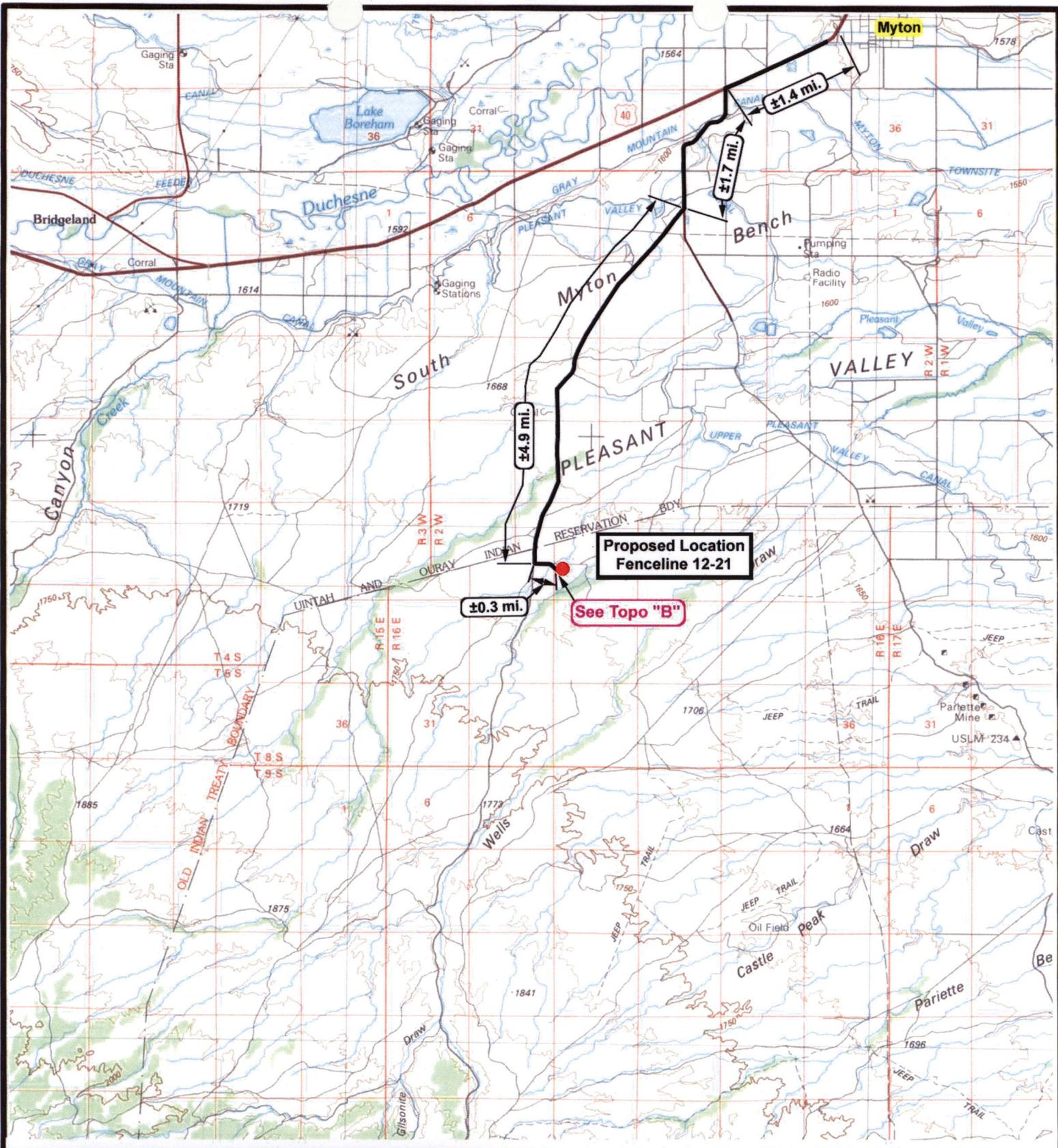
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

## Draining Phase:

- 1) Valves 1 and 6 open

Diked Section






  
**NEWFIELD**  
 Exploration Company

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**Fenceline 12-21-8-16**  
**SEC. 21, T8S, R16E, S.L.B.&M.**

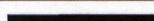


  
**Tri-State**  
 Land Surveying Inc.  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

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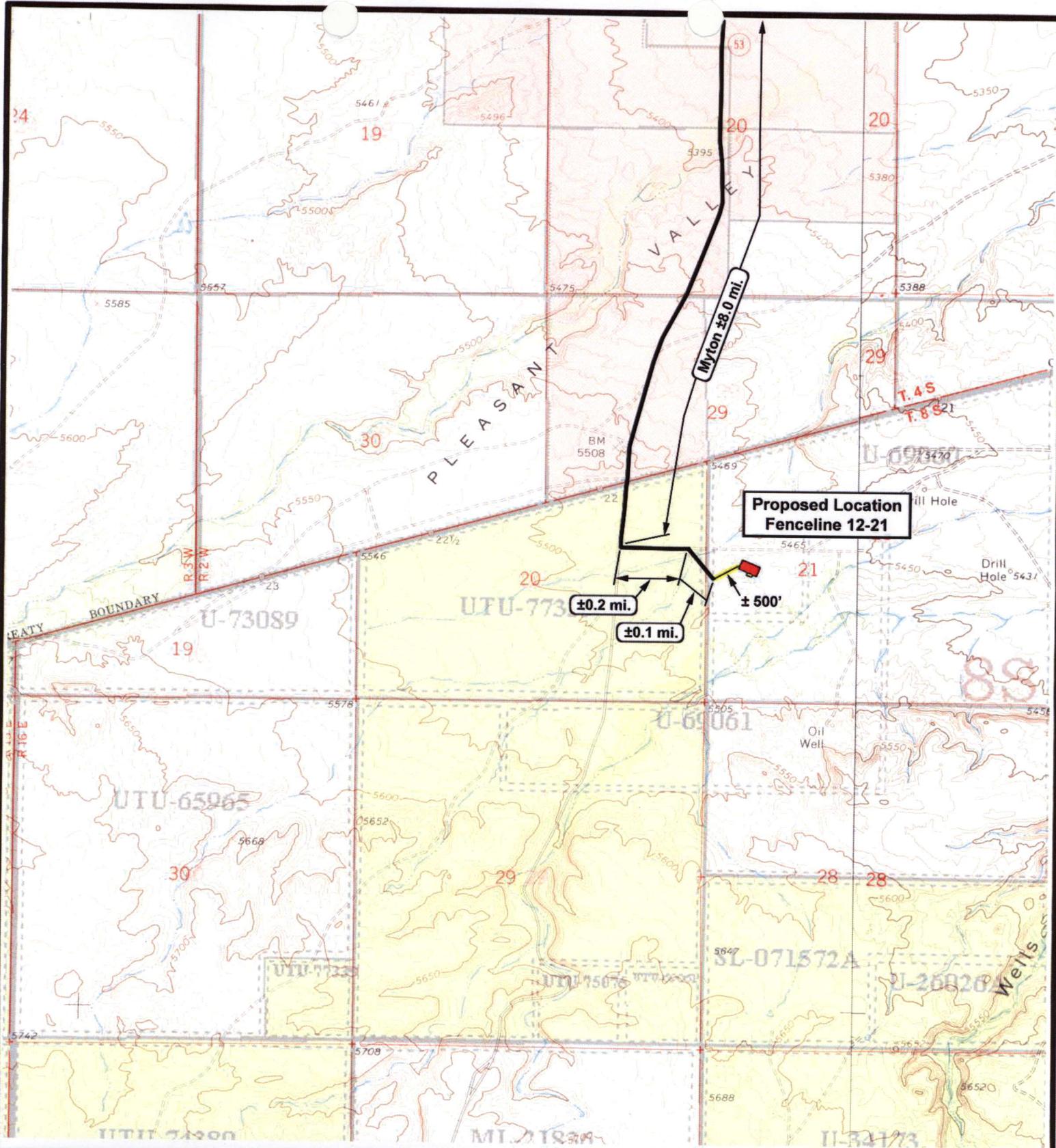
SCALE: 1 = 100,000  
 DRAWN BY: mw  
 DATE: 01-18-2008

**Legend**

-  Existing Road
-  Proposed Access

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TOPOGRAPHIC MAP  
"A"



 **NEWFIELD**  
Exploration Company

**Fenceline 12-21-8-16**  
**SEC. 21, T8S, R16E, S.L.B.&M.**



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

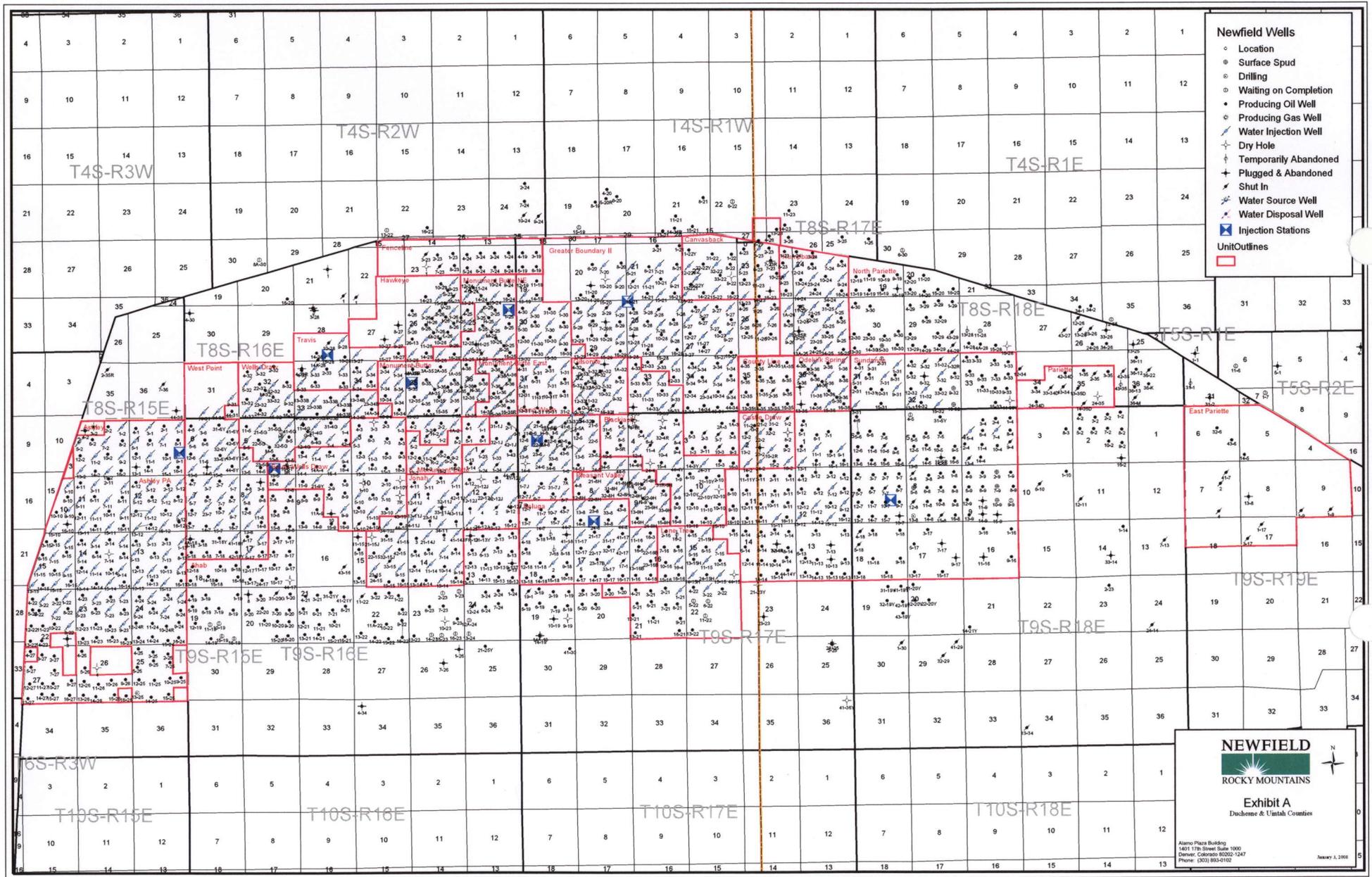
SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 01-18-2008

**Legend**

 Existing Road  
 Proposed Access

TOPOGRAPHIC MAP  
**"B"**





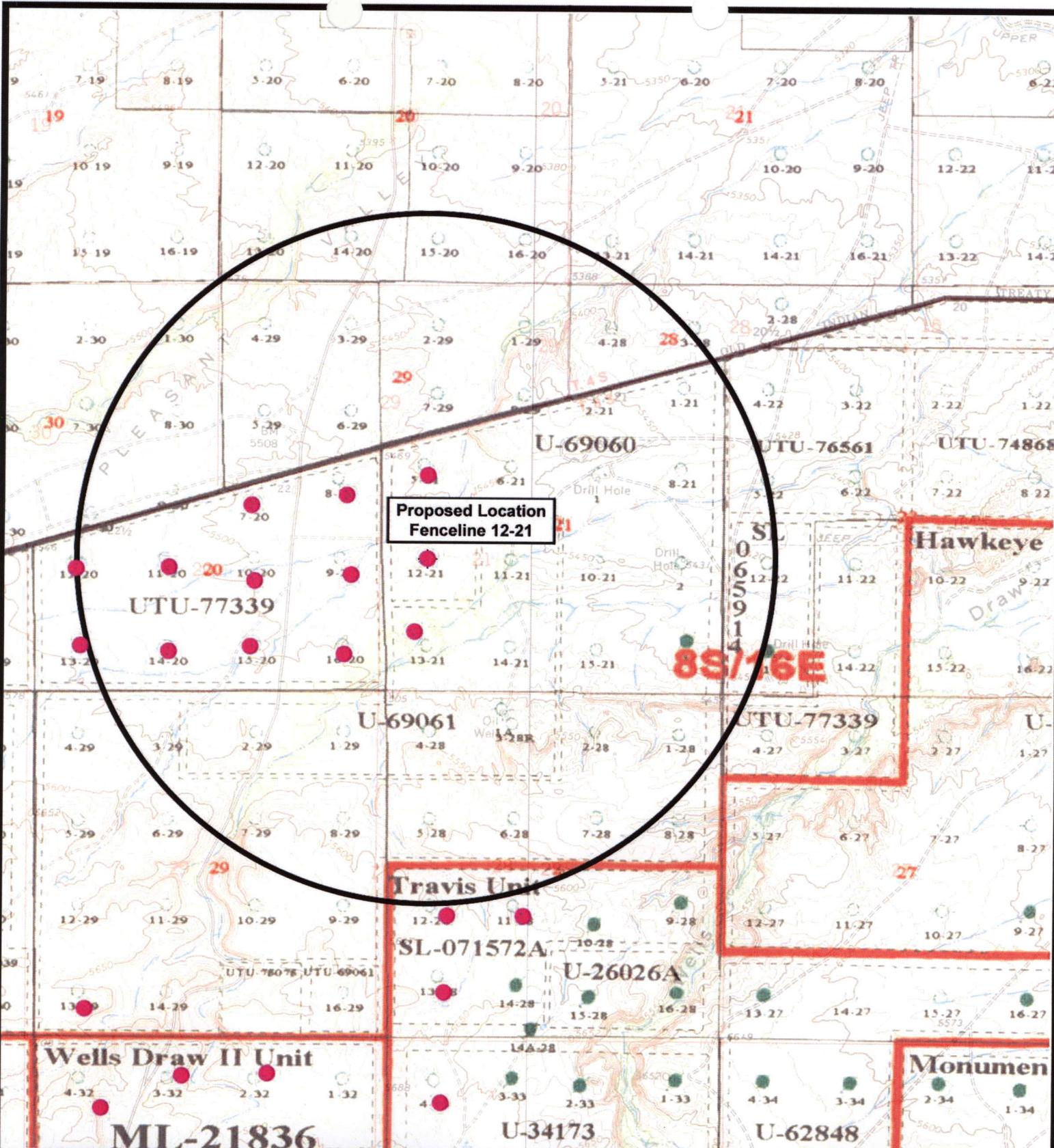
- Newfield Wells**
- Location
  - Surface Spud
  - Drilling
  - Waiting on Completion
  - Producing Oil Well
  - Producing Gas Well
  - Water Injection Well
  - Dry Hole
  - Temporarily Abandoned
  - Plugged & Abandoned
  - Shut In
  - Water Source Well
  - Water Disposal Well
  - ⊠ Injection Stations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

**NEWFIELD**  
 ROCKY MOUNTAINS

Exhibit A  
 Duchesne & Uintah Counties

Alamo Plaza Building  
 1401 17th Street Suite 1000  
 Denver, Colorado 80202-1247  
 Phone: (303) 955-0102

January 4, 2008



**Fenceline 12-21-8-16**  
**SEC. 21, 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: 01-18-2008

**Legend**

- Location
- One-Mile Radius

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

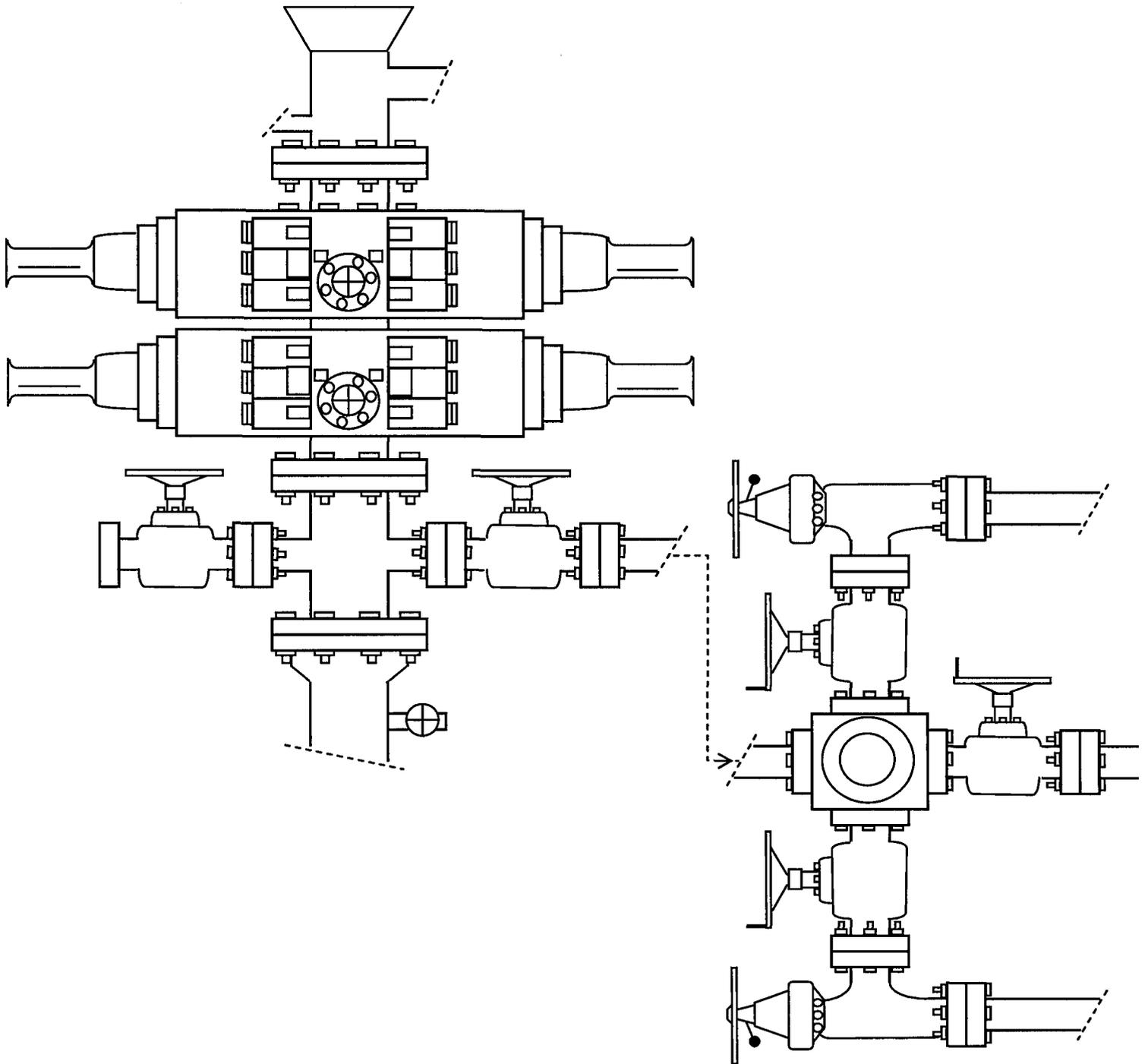


EXHIBIT C

A CULTURAL RESOURCE INVENTORY OF SECTIONS 21 AND 28

WITHIN THE MONUMENT BUTTE AND TRAVIS UNITS,

DUCHESNE COUNTY, UTAH

by

Ann S. Polk  
Senior Archaeologist

and

Danielle J. Diamond  
Assistant Archaeologist

Prepared for:

Inland Production Company  
P.O. Box 790233  
Vernal, Utah 84079-0233

Prepared by:

Sagebrush Consultants, L.L.C.  
3670 Quincy Avenue, Suite 203  
Ogden, Utah 84403

Under Authority of Cultural Resources Use Permit No. 97UT54630

and

Utah State Antiquities Permit No. U-98-SJ-0262b

Archaeological Report No. 1041-01

August 5, 1998

NEWFIELD EXPLORATION COMPANY

2 of 2

**PALEONTOLOGICAL SURVEY OF PROPOSED  
PRODUCTION DEVELOPMENT AREAS,  
DUCHESNE & UTAH 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: 43-013-33999
--------------------------------

WELL NAME: FEDERAL 12-21-8-16  
 OPERATOR: NEWFIELD PRODUCTION ( N2695 )  
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWSW 21 080S 160E  
 SURFACE: 1999 FSL 0665 FWL  
 BOTTOM: 1999 FSL 0665 FWL  
 COUNTY: DUCHESNE  
 LATITUDE: 40.10168 LONGITUDE: -110.1308  
 UTM SURF EASTINGS: 574090 NORTHINGS: 4439195  
 FIELD NAME: MONUMENT BUTTE ( 105 )

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

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-69060  
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

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

LOCATION AND SITING:

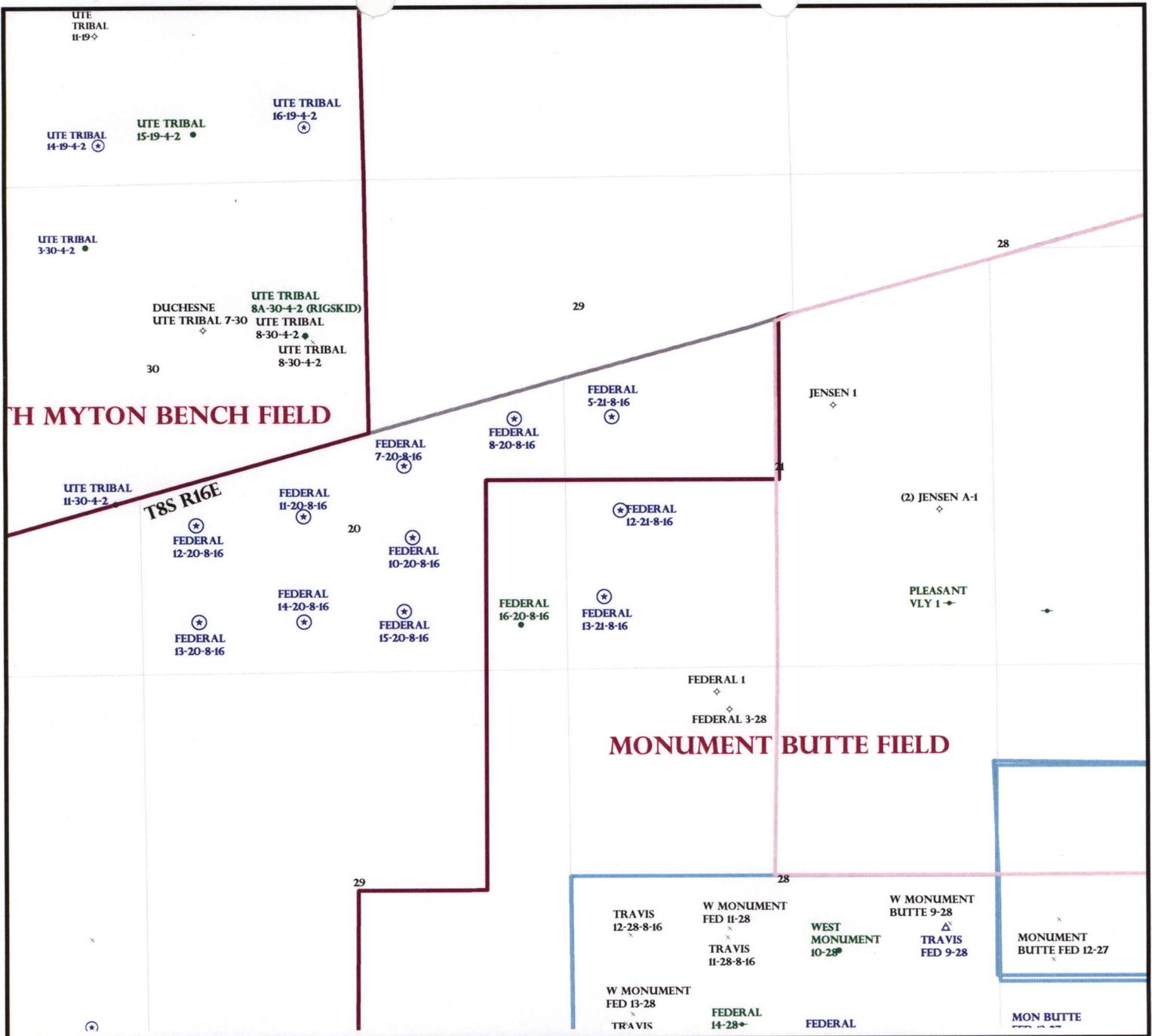
- \_\_\_\_\_ R649-2-3.
- Unit: \_\_\_\_\_
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- \_\_\_\_\_ R649-3-3. Exception
- \_\_\_\_\_ Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_
- \_\_\_\_\_ R649-3-11. Directional Drill

COMMENTS:

*See Separate File*

STIPULATIONS:

1. Federal Approval
2. Spacing Slip



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 20 T.8S R. 16E

FIELD: UNDESIGNATED(002)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

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

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

**Wells Status**

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



OIL, GAS & MINING



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



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

**State of Utah**  
**DEPARTMENT OF NATURAL RESOURCES**

MICHAEL R. STYLER  
Executive Director

**Division of Oil, Gas and Mining**

JOHN R. BAZA  
Division Director

June 9, 2008

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

Re: Federal 12-21-8-16 Well, 1999' FSL, 665' FWL, NW SW, Sec. 21, 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.

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 43-013-33999.

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 12-21-8-16

**API Number:** 43-013-33999

**Lease:** UTU-69060

**Location:** NW SW                      **Sec.** 21                      **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 office      (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 11

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-69060
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 12-21-8-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SW 1999' FSL 665' FWL At proposed prod. zone		9. API Well No. 43-013-33999
14. Distance in miles and direction from nearest town or post office* Approximatley 8.4 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. 655' f/lse, NA' f/unit	16. No. of Acres in lease 1,130.40	11. Sec., T., R., M., or Blk. and Survey or Area NW/SW Sec. 21, T8S R16E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1539'	19. Proposed Depth 6520'	12. County or Parish Duchesne
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5480' GL	22. Approximate date work will start* 4th Quarter 2008	13. State UT
23. Estimated duration Approximately seven (7) days from spud to rig release.		
24. Attachments		

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

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

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 5/29/08
Title Regulatory Specialist		
Approved by (Signature) <i>Jeffrey Kewzda</i>	Name (Printed/Typed) Jeffrey Kewzda	Date FEB 05 2009
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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

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

\*(Instructions on reverse)

UDOGM

NOTICE OF APPROVAL

RECEIVED

FEB 10 2009

DIV. OF OIL, GAS & MINING

NO5 3/17/08  
08PP0607A



**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>NWSW, Sec. 21, T8S, R16E</b>
<b>Well No:</b>	<b>Federal 12-21-8-16</b>	<b>Lease No:</b>	<b>UTU-69060</b>
<b>API No:</b>	<b>43-013-33999</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:	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
NRS/Enviro Scientist:	David Gordon	(435) 781-4424	
NRS/Enviro Scientist:	Christine Cimiluca	(435) 781-4475	

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

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

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

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

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

**SITE SPECIFIC COAs:**

**NEPA Document number:** DOI-BLM-UT-G010-2009-0158-EA

**Company/Operator:** Newfield Production Company

**Well Name & Number:** Federal Q-25-8-16, Federal S-24-8-16, Federal R-25-8-16, Federal 5-21-8-16, Federal 12-21-8-16, Federal 13-21-8-16, Federal B-25-8-16, Federal R-33-8-16, Federal S-33-8-16.

**Surface Ownership:** BLM

**CONDITIONS OF APPROVAL:**

**Wildlife**

**Burrowing Owl**

Timing restriction during construction of the project to minimize disturbance during Burrowing Owl nesting from April 1 – July 15 on well sites (13-21-8-16, 12-21-8-16, 5-21-8-16).

**Golden Eagle**

There are two documented Golden Eagle nests approximately 0.23 miles north and 0.5 miles north of the project area. Both nests have been active from 2006-2008. With this occurrence there will be a timing restriction during construction and drilling to minimize disturbance to Golden Eagle nesting from February 1 – July 15.

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 survey, permission to proceed may or may not be recommended or granted.

- 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 re-spreading 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 re-contoured and the topsoil re-spread, 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:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Forage Kochia	<i>Kochia Prostrata</i>	0.20	½"
Squirreltail grass	<i>Elymus elymoides</i>	3.0	¼ - ½"
Siberian wheatgrass	<i>Agropyron fragile</i>	1.0	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>	0.10	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 re-contoured to natural topography, topsoil shall be re-spread, 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.

- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be re-contoured and the topsoil re-spread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be re-contoured to natural topology, topsoil shall be re-spread, and the entire location shall be seeded with a seed mix recommended by the AO (see above). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.

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

**SITE SPECIFIC DOWNHOLE COAs:**

- Production casing cement shall be brought up and into the surface.
- Covering air/gas drilling operations, requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E. 1. Drilling Operations, Special Drilling Operations, air/gas drilling.
- Logging: A Gamma Ray well Log shall be run from the well Total Depth to the surface. A copy of the Gamma Ray well Log shall be submitted to the BLM Vernal Field Office.

**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 ( $\frac{1}{4}$  $\frac{1}{4}$ , Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

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

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

Spud  
BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig  
Name/# Ross #21 Submitted By Alvin  
Nielsen Phone Number 435-823-  
7468  
Well Name/Number Federal 12-21-8-  
16  
Qtr/Qtr NW/SW Section 21 Township 8S  
Range 16E  
Lease Serial Number UTU  
69060  
API Number 43-013-  
33999

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

Date/Time 2/26/09 8:00 AM   
PM

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

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

Date/Time 2/26/09 2:00 AM  PM

BOPE

Initial BOPE test at surface casing point

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

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

Remarks Ross Rig # 21 spud the Federal 12-21-8-16 on  
2/26/09 @ 8:00 AM & Run casing around 2:00 PM 2/26/09.

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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	17291	4301333999 ✓	FEDERAL 12-21-8-16	NWSW	21	8S	16E	DUCHESNE	2/26/2009	3/5/09
WELL 1 COMMENTS: <i>GRRV</i>											
B	99999	12187 ✓	4301333759	HAWKEYE FEDERAL G-26-8-16	NWNW	26	8S	16E	DUCHESNE	2/27/2009	3/5/09
WELL 2 COMMENTS: <i>GRRV</i> <i>BHL = NWNW</i>											
WELL 5 COMMENTS:											
WELL 5 COMMENTS:											

- ACTION CODES (See instructions on back of form)
- A - new entity for new well (single well only)
  - B - well to existing entity (group or unit well)
  - C - from one existing entity to another existing entity
  - D - well from one existing entity to a new entity
  - E - ther (explain in comments section)

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

RECEIVED

FEB 26 2009

DIV. OF OIL, GAS & MINING

*[Signature]*  
 Signature  
 Production Clerk

Jentri Park

Production Clerk

02/26/09

Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

1. Type of Well  
 Oil Well    Gas Well    Other

2. Name of Operator  
 NEWFIELD PRODUCTION COMPANY

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

3b. Phone    (include are code)  
                   435.646.3721

4. Location of Well    (Footage, Sec., T., R., M., or Survey Description)  
                             NWSW Section 21 T8S R16E

5. Lease Serial No.  
 Federal

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
 FEDERAL 12-21-8-16

9. API Well No.  
 4301333999

10. Field and Pool, or Exploratory Area  
 MONUMENT BUTTE

11. County or Parish, State  
 UT

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

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

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate 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 recompleation 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 2/26/09 MIRU Ross # 29. Spud well @ 8:00 AM. Drill 330' of 12 1/4" hole with air mist. TIH W/ 8 Jt's 8 5/8" J-55 24 # csgn. Set @ 336.42 KB. On 3/3/09 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/sk yeild. Returned 6 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Justin Crum	Title Drilling Foreman
Signature <i>Justin Crum</i>	Date 03/12/2009

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

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

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

(Instructions on page 2)

**RECEIVED**  
**MAR 30 2009**  
DIV. OF OIL, GAS & MINING





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)

NWSW Section 21 T8S R16E

5. Lease Serial No.

UTU-69060

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.

FEDERAL 12-21-8-16

9. API Well No.

4301333999

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

. 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	

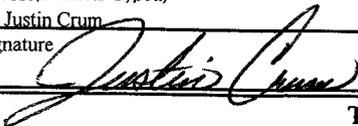
13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical 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 3/12/09 MIRU NDSI Rig # 1. 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 6475'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 164 jt's of 5.5 J-55, 15.5# csgn. Set @ 6458' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 425 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 10 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 110,000 #'s tension. Release rig @ 6:00 AM on 3/17/09.

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

Justin Crum

Signature



Title

Drilling Foreman

Date

03/24/2009

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

Approved by .....

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

Title

Date

Office

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

(Instructions on page 2)

RECEIVED

MAR 30 2009

DIV. OF OIL, GAS & MINING





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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU-69060

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
FEDERAL 12-21-8-16

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301333999

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:  
MONUMENT BUTTE

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE:

COUNTY:

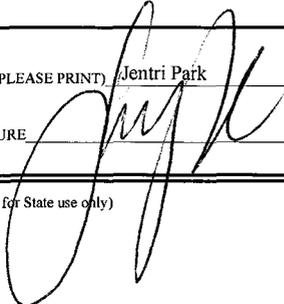
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSW, 21, T8S, R16E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: <u>05/28/2009</u>	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
The above subject well was completed on 04/17/09, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk  
SIGNATURE  DATE 05/28/2009

(This space for State use only)

**RECEIVED**  
**JUN 02 2009**  
DIV. OF OIL, GAS & MINING

## Daily Activity Report

Format For Sundry

**FEDERAL 12-21-8-16**

**2/1/2009 To 6/30/2009**

**4/6/2009 Day: 1**

**Completion**

Rigless on 4/6/2009 - (4-7-2009) MIRU Perforators LLC. Run CBL & perforate 1st stage. - 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 @ 6375' cement top @ 37'. Perforate stage #1. CP3 sds @ 6197- 6206' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 36 shots. 152 BWTR. SIFN.

**4/13/2009 Day: 2**

**Completion**

Rigless on 4/13/2009 - 4-13-09 Frac well. - Stage #5: RU WLT. RIH w/ frac plug & 9' perf gun. Set plug @ 4620'. Perforate GB4 sds @ 4515-4524' w/ 4 spf for total of 36 shots. RU BJ & frac GB4 sds w/ 41,620#'s of 20/40 sand in 411 bbls of Lightning 17 frac fluid. Open well w/ 1517 psi on casing. Perfs broke down @ 1968 back to 1881 w/ 1 bbls. ISIP was 1579 w/ .78FG. 1 minute was 1488. Pressure to low. Pump 30 gals of Techna Hib chemical @ 4% by volume. Treated @ ave pressure of 2242 w/ ave rate of 26 bpm w/ 8 ppg of sand. ISIP was 1943 w/ .79FG. 5 min was 2208. 10 min was 2136. 15 min was 2101. 1950 Bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 4.5 hours & died w/ 600 bbls rec'd. SIFN., Stage #2: RU Perforators LLC. WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 6', 7' perf guns. Set plug @ 6140'. Perforate CP2 sds @ 6099-6105', 6078-6085' w/ 3-1/8" Slick Guns (19 gram, .49"EH, 120°) w/ 4 spf for total of 52 shots. RU BJ & frac CP2 sds w/ 14,812#'s of 20/40 sand in 305 bbls of Lightning 17 frac fluid. Open well w/ 1805 psi on casing. Perfs broke down @ 3427 back to 2180 w/ 2 bbls. ISIP was 1980 w/ .76FG. 1 minute was 1838. 4 min was 1805. Pump 30 gals of Techna Hib chemical @ 4% by volume. Treated @ ave pressure of 2269 w/ ave rate of 25 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2286 w/ .81FG. 5 min was 2147. 10 min was 2117. 15 min was 2096. 707 Bbls EWTR. Leave pressure on well., Stage #4: RU WLT. RIH w/ frac plug & 7' perf gun. Set plug @ 5305'. Perforate C sds @ 5244-5251' w/ 4 spf for total of 28 shots. RU BJ & perfs won't break down. RU WLT. RIH w/ DB & spot 8 gals of 15% HCL acid on perfs. RU BJ & frac C sds w/ 15,047#'s of 20/40 sand in 280 bbls of Lightning 17 frac fluid. Open well w/ 1501 psi on casing. Perfs broke down @ 2286 back to 2256 w/ 1 bbls. ISIP was 1915 w/ .80FG. 1 minute was 1655. 4 min was 1512. Pump 30 gals of Techna Hib chemical @ 4% by volume. Treated @ ave pressure of 2236 w/ ave rate of 23 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2013 w/ .82FG. 5 min was 1645. 10 min was 1606. 15 min was 1590. 1539 Bbls EWTR. Leave pressure on well., Stage #3: RU WLT. RIH w/ frac plug & 5', 11' perf guns. Set plug @ 5518'. Perforate B2 sds @ 5413-5418" & B1 sds @ 5375-5386' w/ 4 spf for total of 64 shots. RU BJ & frac B sds w/ 65,332#'s of 20/40 sand in 552 bbls of Lightning 17 frac fluid. Open well w/ 1973 psi on casing. Perfs broke down @ 3437 back to 1706 w/ 1 bbls. ISIP was 1706 w/ .75FG. Pressure to low. Pump 30 gals of Techna Hib chemical @ 4% by volume. Treated @ ave pressure of 2413 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 1943 w/ .79FG. 5 min was 1813. 10 min was 1754. 15 min was 1744. 1259 Bbls EWTR. Leave pressure on well., Stage #1: RU BJ Services "Ram Head" frac flange. RU BJ & frac CP3 sds down casing w/ 14,812#'s of 20/40 sand in 313 bbls of Lightning 17 frac fluid. Open well w/ 32 psi on casing. Perfs broke down @ 2973 back to 2285 w/ 3 bbls. ISIP was 2121 w/ .78FG. 1 minute was 1851. 4 min was 1651. Pump 30 gals of Techna Hib chemical @ 4% by volume. Treated @ ave pressure of 2388 w/ ave rate of 26 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL in flush for next stage. ISIP was 2413 w/ .82FG. 5 min was 2128. 10 min was 2008. 15 min was 2388. 465 Bbls EWTR. Leave pressure on well.

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**4/15/2009 Day: 3****Completion**

Leed #731 on 4/15/2009 - 4-15-09 MIRU. Drlg plugs.- MIRUSU. Open well w/ 30 psi on casing. RD Cameron BOP's & frac head. Instal 3M production tbg head & Schafer BOP's. RU 4-3/4" used Hurricane mill & x-over sub. Tally pickup & TIH w/ new 2-7/8", J-55, 6.5# to tag plug @ 4620'. RU swivel, pump & tanks. Drlg out plug #1. TIH w/ tbg to tag plug @ 5305'. Drlg out plug #2. SIFN.

---

**4/16/2009 Day: 4****Completion**

Leed #731 on 4/16/2009 - 4-16-09 Drlg plugs & swab.- Open well w/ psi on casing. TIH w/ tbg to tag plug @ 5518'. Drlg out plug #3. TIH w/ tbg to tag plug @ 6140'. Drlg out plug #4. TIH w/ tbg to tag fill @ 6334'. C/O to PBD @ 6419'. LD 3 jts tbg. RU swab. Made 7 runs to rec'd 150 bbls of fluid. IFL was surface. FFL was 800'. Last run showed trace of oil w/ no sand. RD swab. TIH w/ tbg to tag 3' of new sand. Circulate well clean. TOOH w/ tbg. LD mill & x-over sub. NC, 2 jt tbg, SN, 1 jt tbg, TA new Central Hydraulic w/ 45,000# shear, 199 jts in hole. 1350 bbls EWTR. SIFN.

---

**4/17/2009 Day: 5****Completion**

Leed #731 on 4/17/2009 - 4-17-09: Put well on pump.- Open well w/ 0 psi on casing. Continue TIH w/ tbg. RD BOP's. Set TA @ 6177' w/ 18,000#'s tension w/ SN @ 6211', EOT @ 6273'. Pickup & prime pump. TIH w/ 2-1/2" x 1-1/2" x 16' x 20' new Central Hydraulic RHAC pump w/ 180"SL, 6- 1-1/2" weight rods, 20- 3/4" guided rods, 121- 3/4" plain rods, 100-7/8" guided rods, 2', 6', 8' x 7/8" pony rod, 1-1/2" x 26' polished rod. Space pump. Test tbg & pump to 800 psi w/ 0 bbls fluid. RD MOSU. POP @ 4spm w/ 122" SL @ 3 spm w/ 1350 bbls EWTR. Final Report. **Finalized**

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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**

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface **1999' FSL & 665' FWL (NW/SW) SEC. 21, T8S, R16E**  
 At top prod. interval reported below  
 At total depth **6475'**

5. Lease Serial No.  
**UTU-69060**

6. If Indian, Allottee or Tribe Name  
**NA**

7. Unit or CA Agreement Name and No.  
**FEDERAL**

8. Lease Name and Well No.  
**FEDERAL 12-21-8-16**

9. AFI Well No.  
**43-013-33999**

10. Field and Pool or Exploratory  
**MONUMENT BUTTE**

11. Sec., T., R., M., on Block and Survey or Area  
**SEC. 21, T8S, R16E**

12. County or Parish **UINTAH** 13. State **UT**

14. Date Spudded **02/26/2009** 15. Date T.D. Reached **03/16/2009** 16. Date Completed **04/16/2009**  
 D & A  Ready to Prod. 17. Elevations (DF, RKB, RT, GL)\*  
**5480' GL 5492' KB**

18. Total Depth: MD **6475'** TVD 19. Plug Back T.D.: MD **6419'** 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#		336'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#		6459'		300 PRIMLITE		37'	
						425 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@ 6237'	TA @6177'						

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER			(CP1) 6197-6206'	.49"	4	36
B) GREEN RIVER			(CP2) 6099-6105,6078-85'	.49"	4	52
C) GREEN RIVER			(B2)5413-18(B1)5375-86'	.49"	4	64
D) GREEN RIVER			(C) 5244-5251'	.49"	4	28

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

Depth Interval	Amount and Type of Material
6197-6206'	Frac w/ 14812# of 20/40 snd 313 bbls fluid
6078-6105'	Frac w/ 15091# 20/40 snd 305 bbls fluid
5378-5418'	Frac w/ 65332# 20/40 snd 552 bbls fluid
5244-5251'	Frac w/ 15047# 20/40 snd 280 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
04/16/09	050709	24	→	20	75	48			2-1/2" x 1-1/2" x 16' x 20' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

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

**RECEIVED**  
**JUN 08 2009**

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

28b. Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➔						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➔						

28c. Production - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➔						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➔						

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

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	4007' 4238'
				GARDEN GULCH 2 POINT 3	4352' 4630'
				X MRKR Y MRKR	4891' 4923'
				DOUGALS CREEK MRK BI CARBONATE MRK	5038' 5289'
				B LIMESTON MRK CASTLE PEAK	5431' 6001'
				BASAL CARBONATE TOTAL DEPTH (LOGGERS)	6402' 6483'

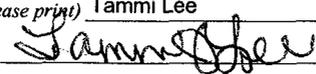
32. Additional remarks (include plugging procedure):

Stage # 5: (GB6) 4515-4524' 4/36 Frac w 41620#'s of 20/40 sand in 411 bbls of Lightning 17 frac 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  Date 06/03/2009

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.

(Continued on page 3)

(Form 3160-4, page 2)