



April 6, 2006

State of Utah  
Division of Oil, Gas & Mining  
Attn: Diana Whitney  
1594 West North Temple - Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Federal 9-21-9-16, 11-21-9-16, 12-21-9-16,  
13-21-9-16, and 14-21-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 9-21-9-16 and 11-21-9-16 are Exception Locations. Our Land Department will send you the required Exception Location Letter. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

  
Mandie Crozier  
Regulatory Specialist

mc  
enclosures

**RECEIVED**  
**APR 07 2006**  
**DIV. OF OIL, GAS & MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-74392
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 9-21-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/SE 2247' FSL 756' FEL 575369 X 40.015254 At proposed prod. zone 4429614Y -110.116874		9. API Well No. 4301333145
14. Distance in miles and direction from nearest town or post office* Approximatley 24.2 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. 393' f/lse. NA f/unit		11. Sec., T., R., M., or Blk. and Survey or Area NE/SE Sec. 21, T9S R16E
16. No. of Acres in lease 2080.00		12. County or Parish Duchesne
17. Spacing Unit dedicated to this well 40 Acres		13. State UT
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1309'		19. Proposed Depth 5960'
20. BLM/BIA Bond No. on file UTB000192		21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5970' GL
22. Approximate date work will start* 2nd Quarter 2006		23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 4/6/06
Title Regulatory Specialist		
Approved by Signature 	Name (Printed/Typed) BRADLEY G. HILL	Date 06-08-06
Title OFF ENVIRONMENTAL MANAGER		

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

Conditions of approval, if any, are attached.

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

\*(Instructions on reverse)

Federal Approval of 4/6/06

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APR 07 2006

DIV. OF OIL, GAS & MINING



# NEWFIELD



June 2, 2006

Utah Division of Oil, Gas & Mining  
P.O. Box 145801  
Attn: Diana Whitney  
Salt Lake City, Utah 84114-5801

Re: Exception Locations: (1) Federal 9-21-9-16  
2247' FSL, 756' FEL-NESE Sec 21  
Avoid Arch Site; (2) Federal 11-21-9-16  
1742' FSL, 2052' FWL-NESW Sec 21  
Avoid Drainage  
Duschene Cty., Utah; Lease UTU-74392

Dear Ms. Whitney:

Pursuant to Rule R649-3-3 of the Oil & Gas Rules and Regulations of the State of Utah, Newfield Production Company, Inc. hereby requests an exception location for the drilling of the captioned well. Rule R649-3-2 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 above referenced locations are exception locations under Rule 649-3-2, the 9-21-9-16 being 56' north of the drilling window tolerance for the NESE of Sec 21-T9S-R16E. The 11-21-9-16 is 34' south of the drilling window tolerance for the NESW of Sec 21-T9S-R16E. The attached plats depict the proposed drillsite locations and illustrate the deviation from the drilling window, in accordance with Rule R649-3-2. The requested locations have been selected to avoid an Arch site and to avoid a drainage.

Please note the locations are located on Federal lease UTU-74392. The drillsite lease and all surrounding acreage within a four hundred sixty foot (460') radius of the proposed location are owned by Newfield Production Company, Yates Petroleum Corporation, Yates Drilling Company, Myco Industries, Inc. and Abo Petroleum Corporation. We have contacted these owners and their consent to these locations are attached.

If you have any questions or need additional information please contact me at (303)-382-4448. Thank you for your assistance in this matter.

Sincerely,  
NEWFIELD PRODUCTION COMPANY

Laurie Deseau  
Properties Administrator

**RECEIVED**

**JUN 08 2006**

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

Exception Locations  
Federal 9-21-9-16  
Federal 11-21-9-16

Please be advised that Yates Petroleum Corporation, Yates Drilling Company, Myco Industries, Inc. and Abo Petroleum Corporation do not have an objection to the proposed locations of the aforementioned wells.

By:  \_\_\_\_\_

Date: May 18, 2006

Ernest L. Carroll, Senior Landman  
Print Name and Title

NEWFIELD PRODUCTION COMPANY  
FEDERAL #9-21-9-16  
NE/SE SECTION 21, T9S, 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' – 2500'
Green River	2500'
Wasatch	5960'

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

Green River Formation 2500' – 5960' - 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 #9-21-9-16  
NE/SE SECTION 21, T9S, 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 #9-21-9-16 located in the NE 1/4 SE 1/4 Section 21, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southwesterly - 10.9 miles  $\pm$  to its junction with an existing road to the northeast; proceed northeasterly and then southwesterly - 10.1 miles  $\pm$  to its junction with an existing road to the southeast; proceed southeasterly and then northeasterly - 1.6 miles  $\pm$  to its junction with the beginning of the proposed access road; proceed along the proposed access road - 100'  $\pm$  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**

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 #05-240, 7/25/05. Paleontological Resource Survey prepared by. Wade E. Miller, 11/10/05. See attached report cover pages, Exhibit "D".

For the Federal #9-21-9-16 Newfield Production Company requests 100' of disturbed area be granted in Lease UTU-74392 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed 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 100' of disturbed area be granted in Lease UTU-74392 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. 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 100' of disturbed area be granted in Lease UTU-74392 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

**Water Disposal**

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

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

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

**Mountain Plover:** If new construction or surface disturbing activities are scheduled to occur between May 1 and June 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of

mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities will be allowed between March 15 and August 15 within a 0.5 mile radius of any documented mountain plover nest site.

**Reserve Pit Liner**

A 12 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)

Western Wheatgrass	<i>Pascopyrum Smithii</i>	6 lbs/acre
Galletta Grass	<i>Hilaria Jamesii</i>	6 lbs /acre

**Details of the On-Site Inspection**

The proposed Federal #9-21-9-16 was on-sited on 2/24/05. The following were present; Shon Mckinnon (Newfield Production), Chris Carusona (Bureau of Land Management), and Brandon McDonald (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

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

Representative

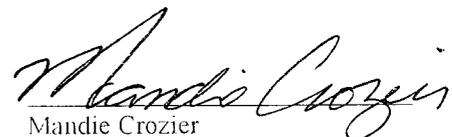
Name: Shon Mckinnon  
Address: Route #3 Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #9-21-9-16 NE/SE Section 21, Township 9S, Range 16E: Lease UTU-74392 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 Hartford Accident #4488944.

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

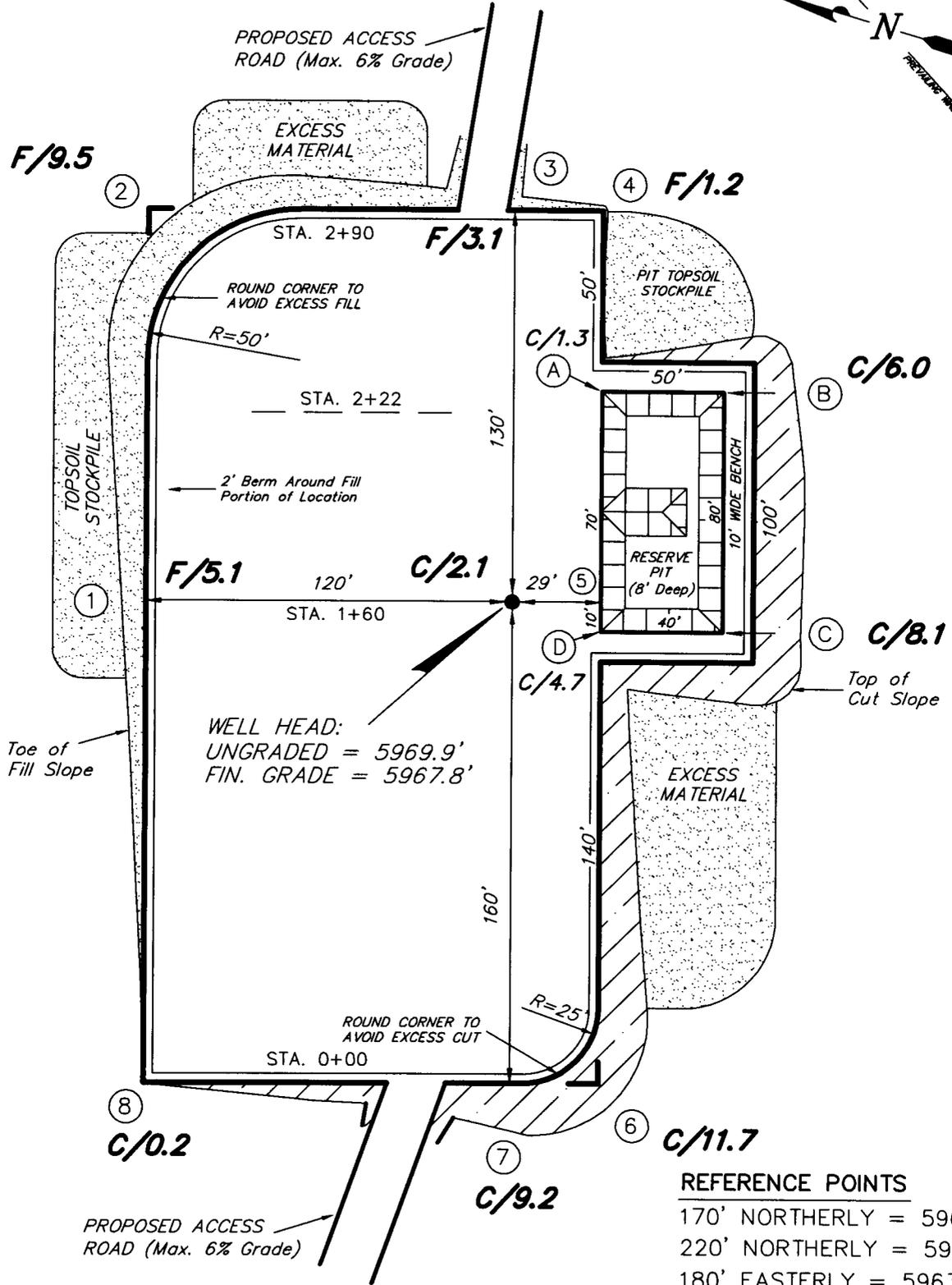
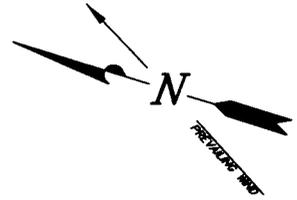
4/6/06  
Date

  
Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

# NEWFIELD PRODUCTION COMPANY

9 MILE 9-21-9-16

Section 21, T9S, R16E, S.L.B.&M.



WELL HEAD:  
UNGRADED = 5969.9'  
FIN. GRADE = 5967.8'

**REFERENCE POINTS**

- 170' NORTHERLY = 5961.6'
- 220' NORTHERLY = 5962.7'
- 180' EASTERLY = 5963.7'
- 230' EASTERLY = 5962.6'

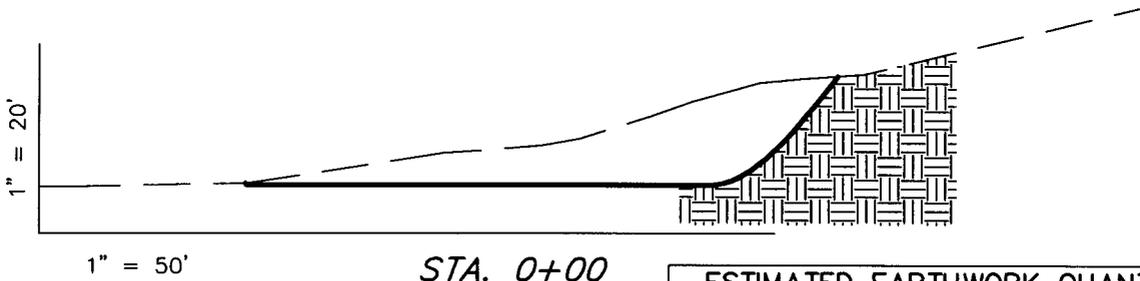
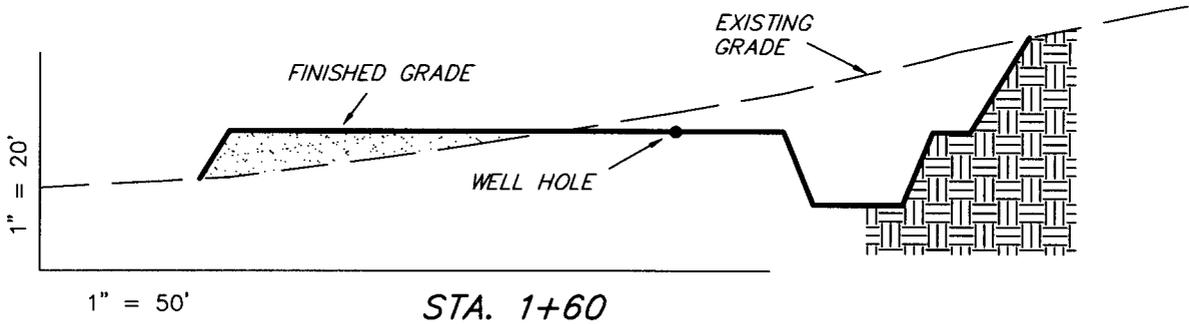
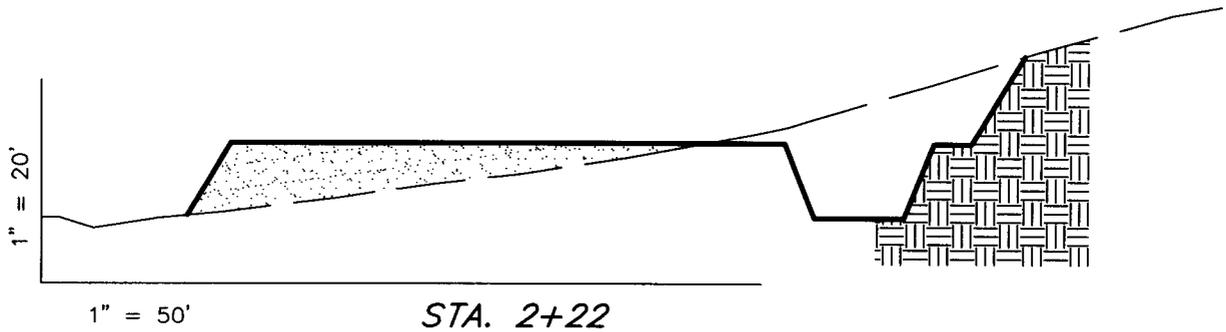
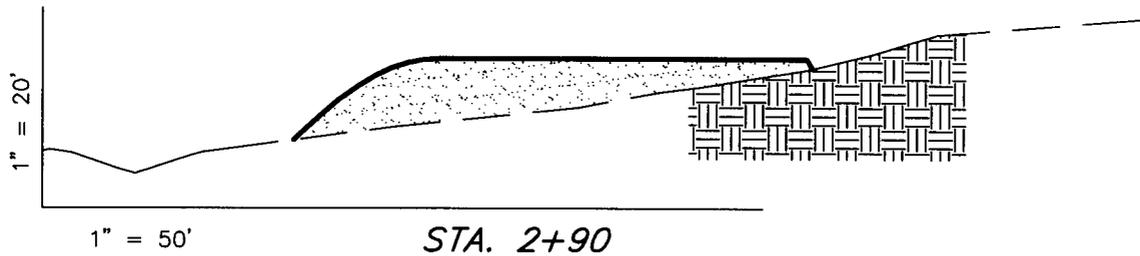
SURVEYED BY: C.M.	SCALE: 1" = 50'	<b>Tri State</b> Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078
DRAWN BY: M.W.	DATE: 3-21-06	

(435) 781-2501

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS

9 MILE 9-21-9-16



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	3,650	3,640	Topsoil is not included in Pad Cut	10
PIT	640	0		640
TOTALS	4,290	3,640	1,050	650

SURVEYED BY: C.M.

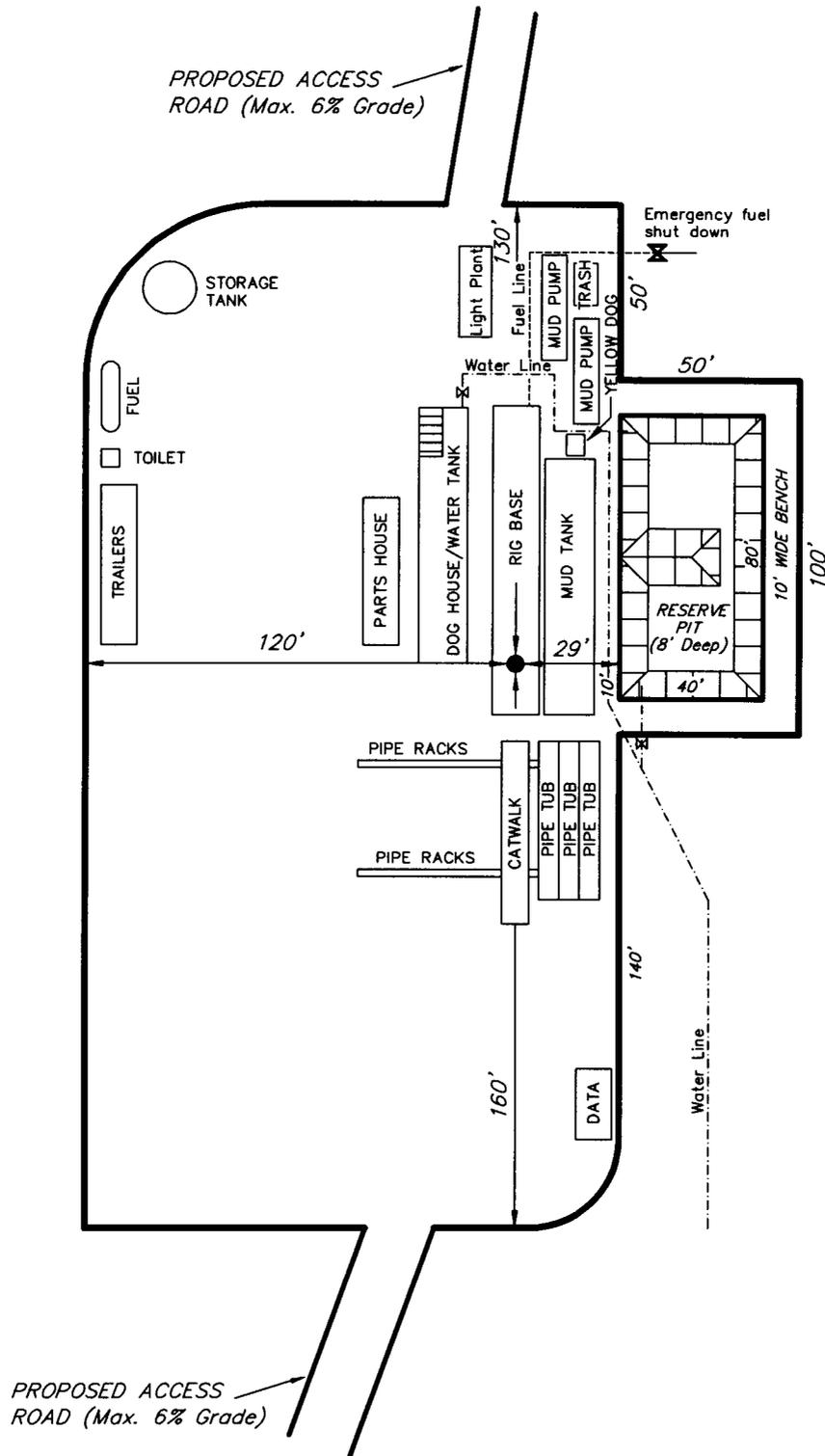
SCALE: 1" = 50'

DRAWN BY: M.W.

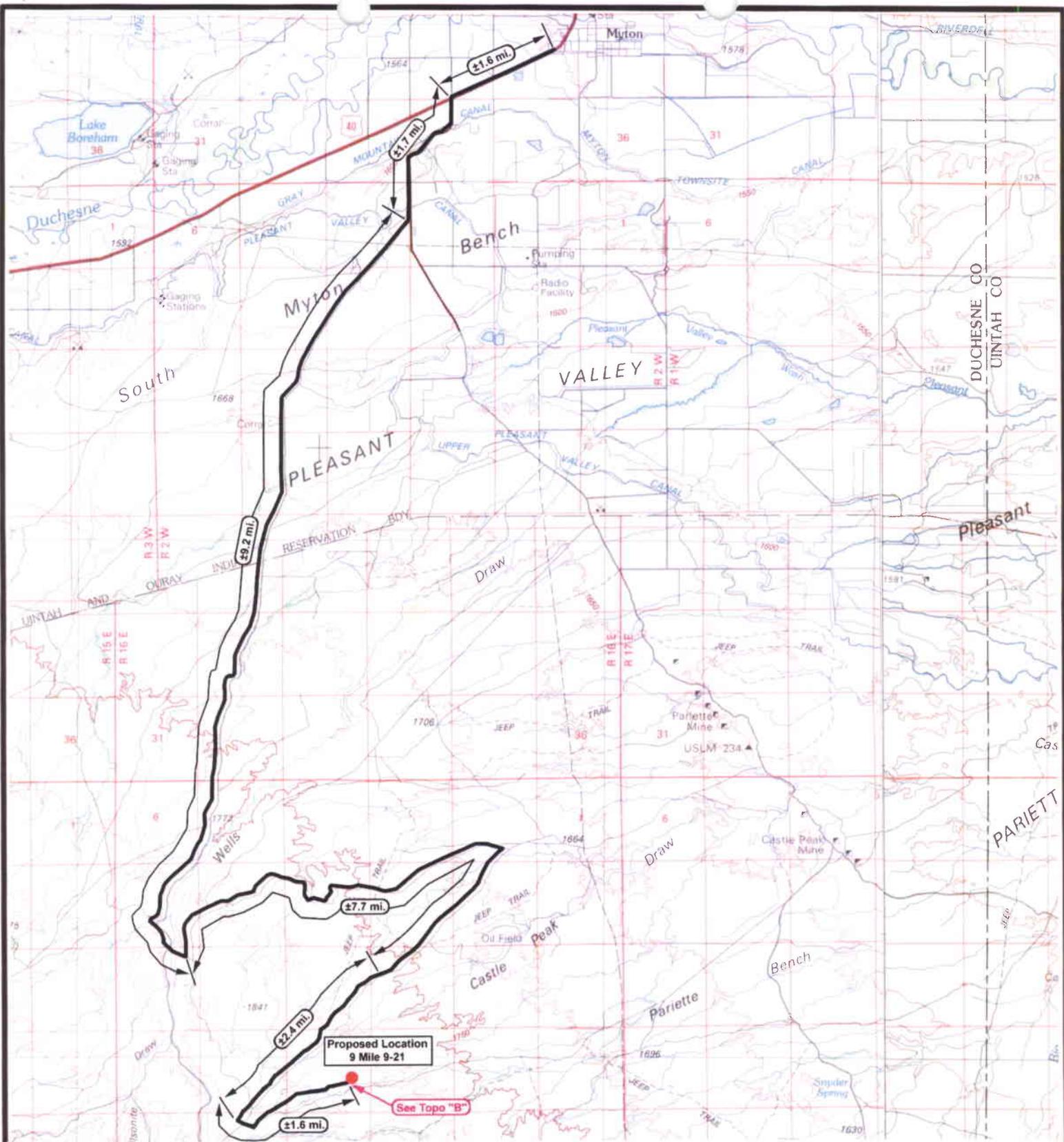
DATE: 3-21-06

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

**NEWFIELD PRODUCTION COMPANY**  
**TYPICAL RIG LAYOUT**  
**9 MILE 9-21-9-16**



SURVEYED BY: C.M.	SCALE: 1" = 50'	<b>Tri State</b> Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078 (435) 781-2501
DRAWN BY: M.W.	DATE: 3-21-06	



Proposed Location  
9 Mile 9-21

See Topo "B"

**NEWFIELD**  
Exploration Company

**9 Mile 9-21-9-16**  
**SEC. 21, T9S, R16E, S.L.B.&M.**



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

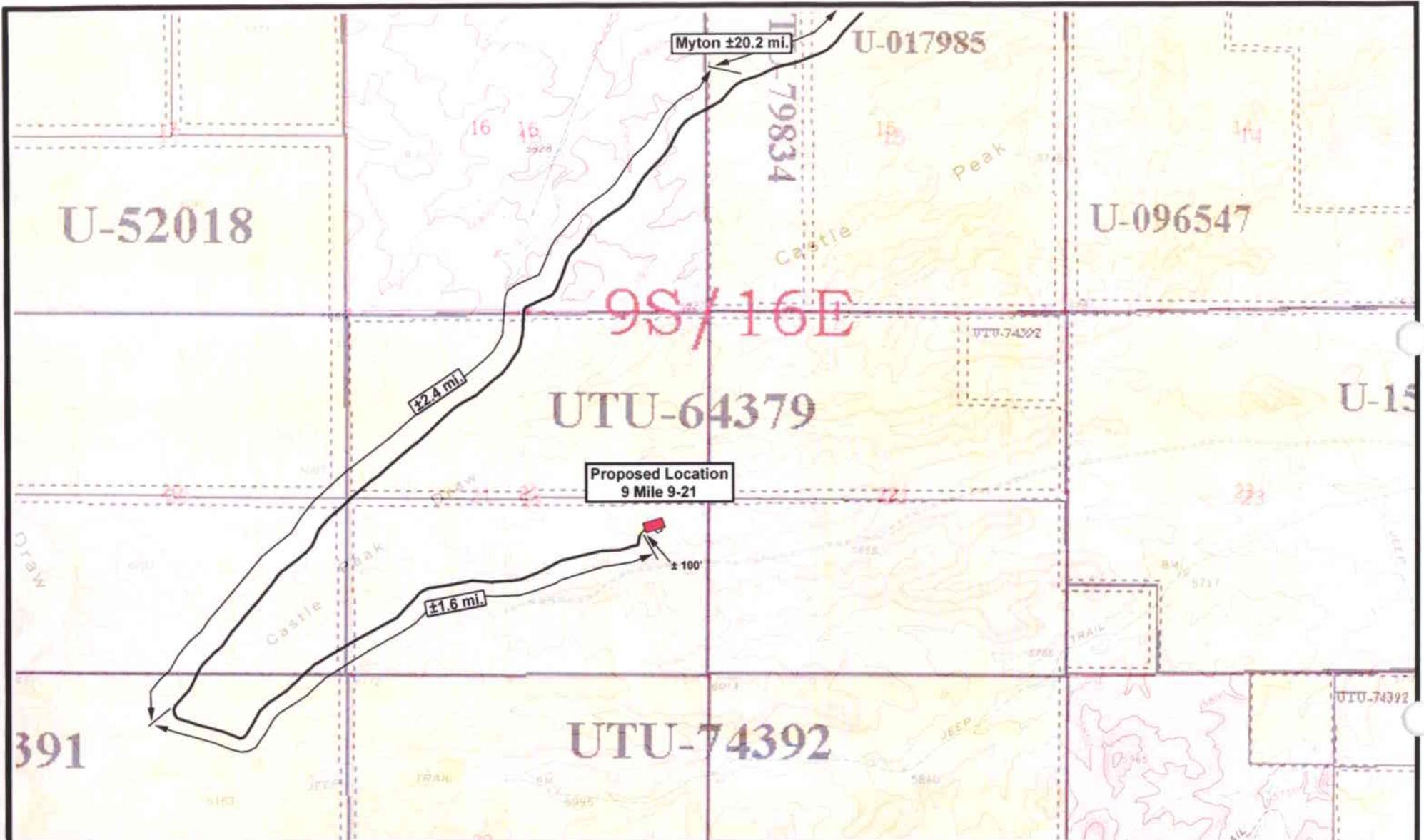
SCALE: 1 = 100,000  
DRAWN BY: mw  
DATE: 03-09-2006

**Legend**

Existing Road

TOPOGRAPHIC MAP

"A"



**NEWFIELD**  
Exploration Company

**9 Mile 9-21-9-16**  
**SEC. 21, T9S, R16E, S.L.B.&M.**

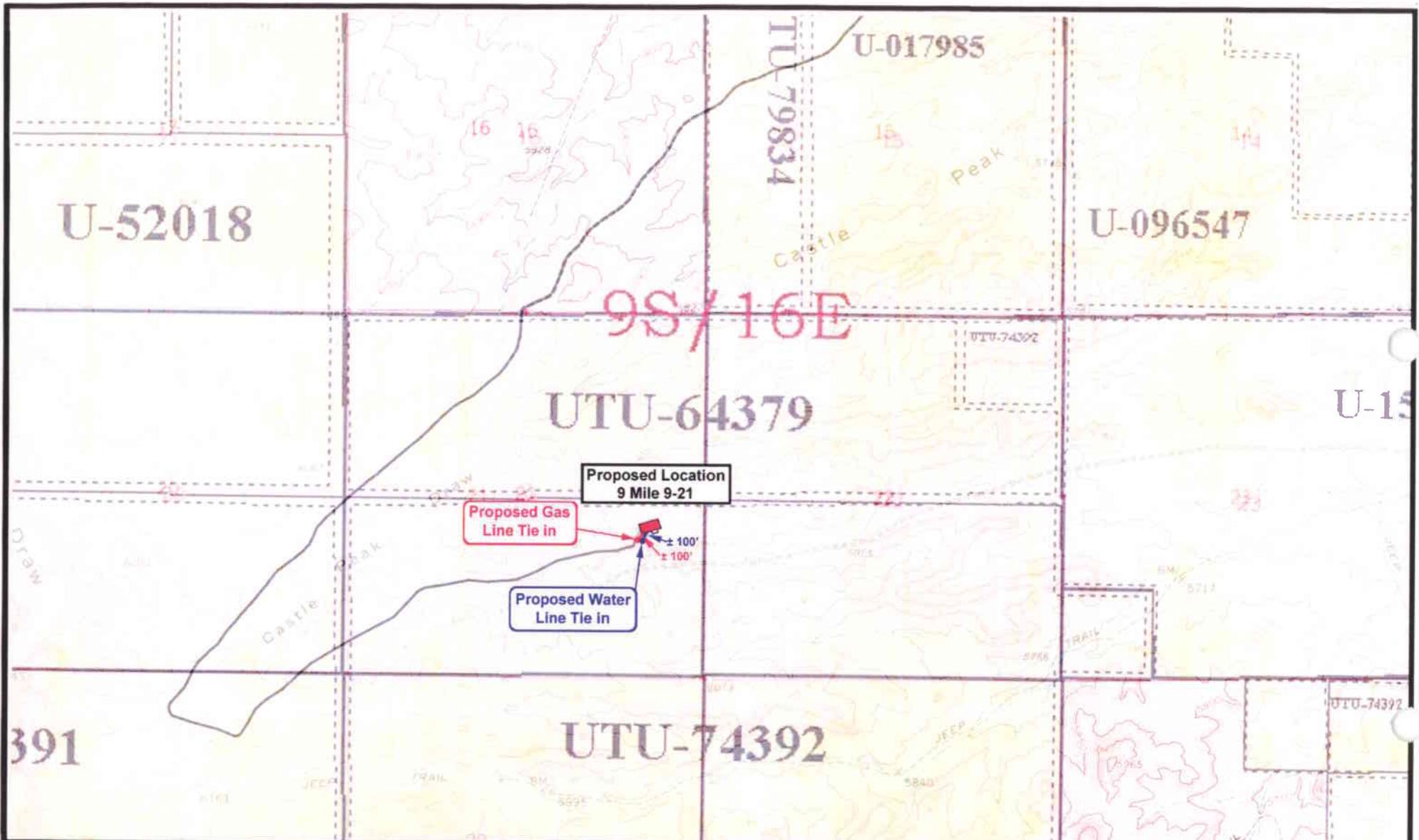
**Tri-State**  
*Land Surveying Inc.*  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 03-09-2006

**Legend**

- Existing Road
- Proposed Access

**TOPOGRAPHIC MAP**  
**"B"**



**NEWFIELD**  
Exploration Company

**9 Mile 9-21-9-16**  
**SEC. 21, T9S, R16E, S.L.B.&M.**

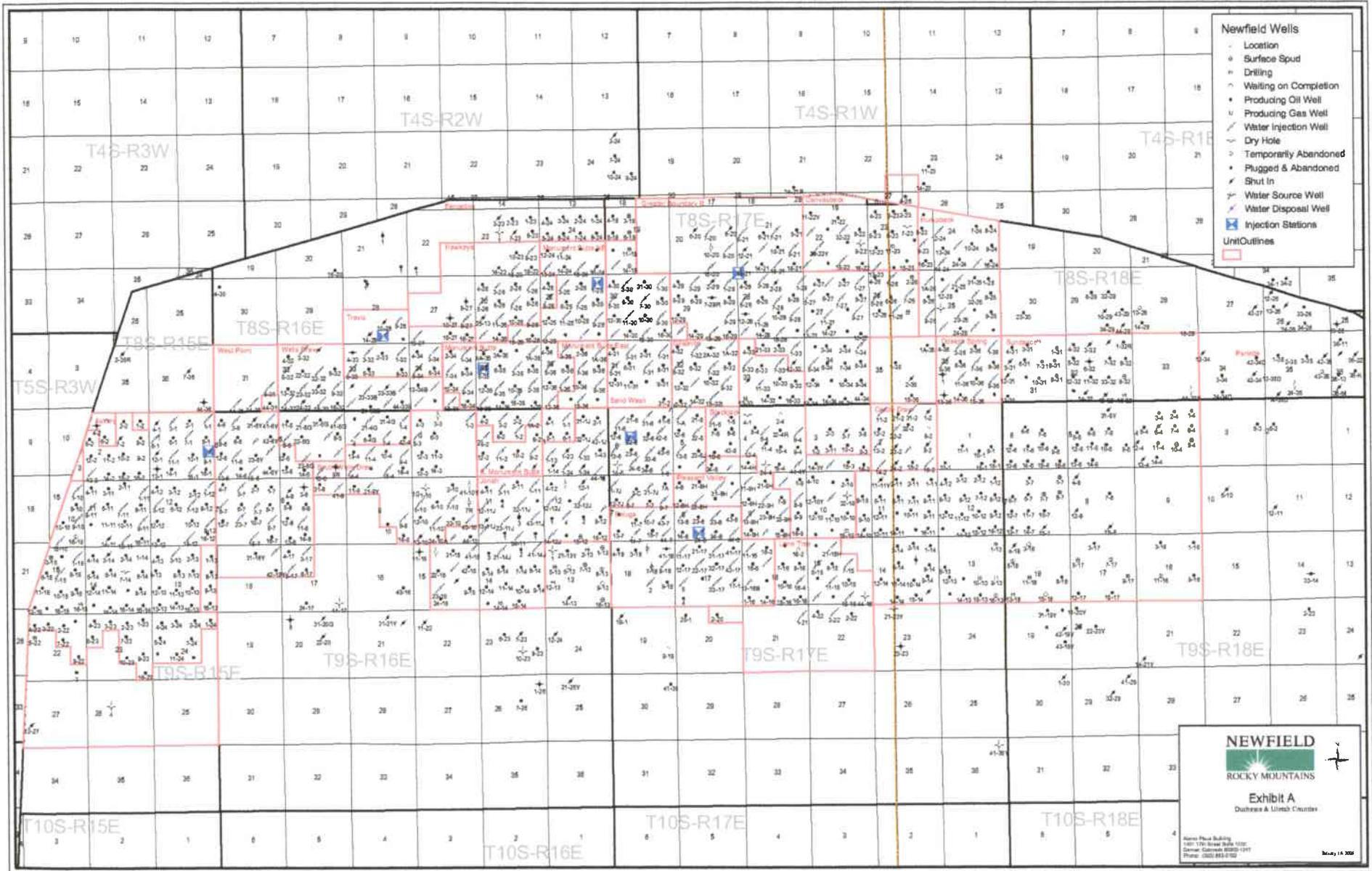
**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

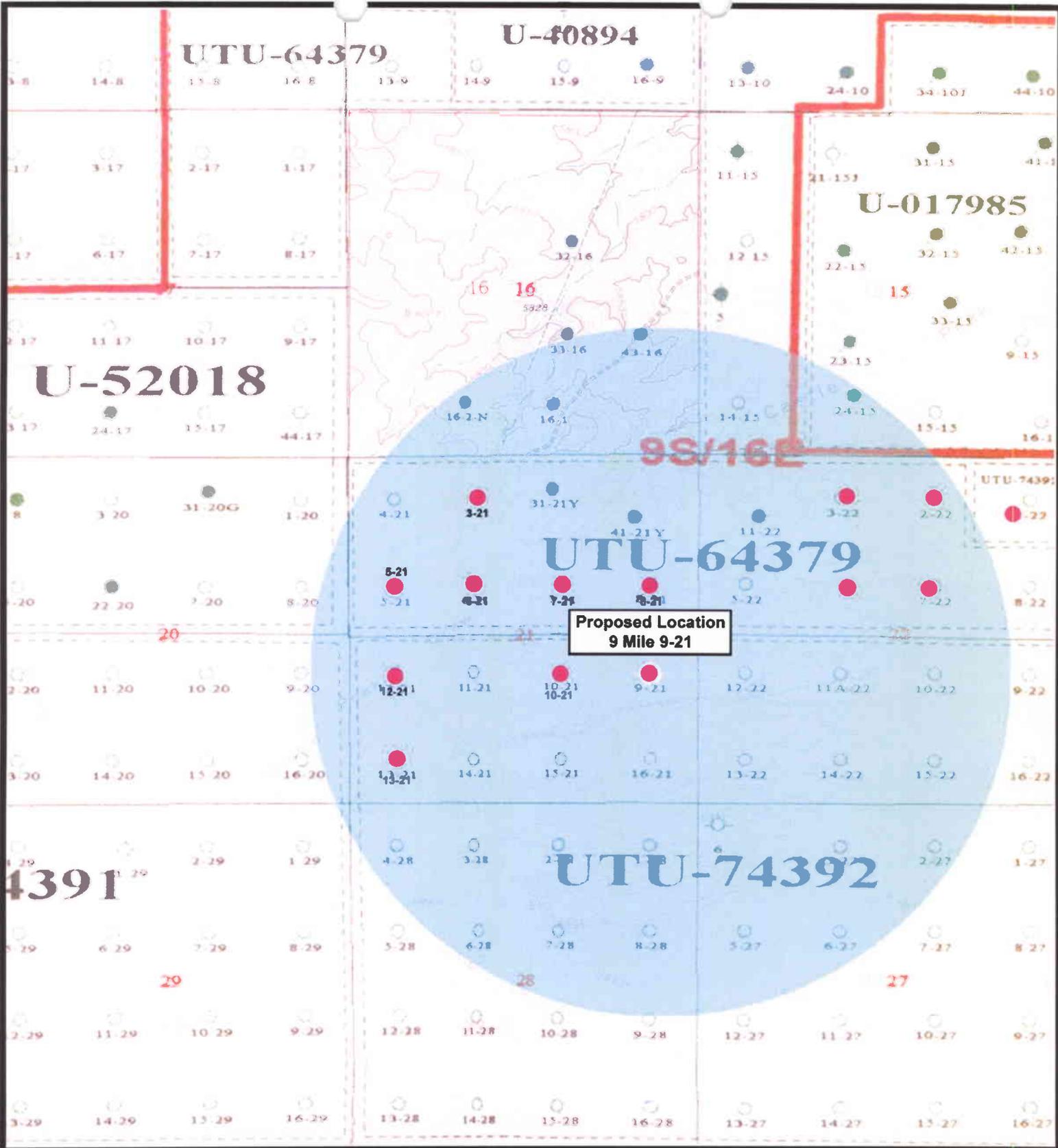
SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 03-09-2006

**Legend**

- Roads
- Proposed Gas Line
- Proposed Water Line

**TOPOGRAPHIC MAP**  
**"C"**





**Proposed Location  
9 Mile 9-21**

 **NEWFIELD**  
Exploration Company

---

**9 Mile 9-21-9-16**  
**SEC. 21, T9S, 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: 03-21-2006

**Legend**

- Well Locations
- One-Mile Radius

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**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

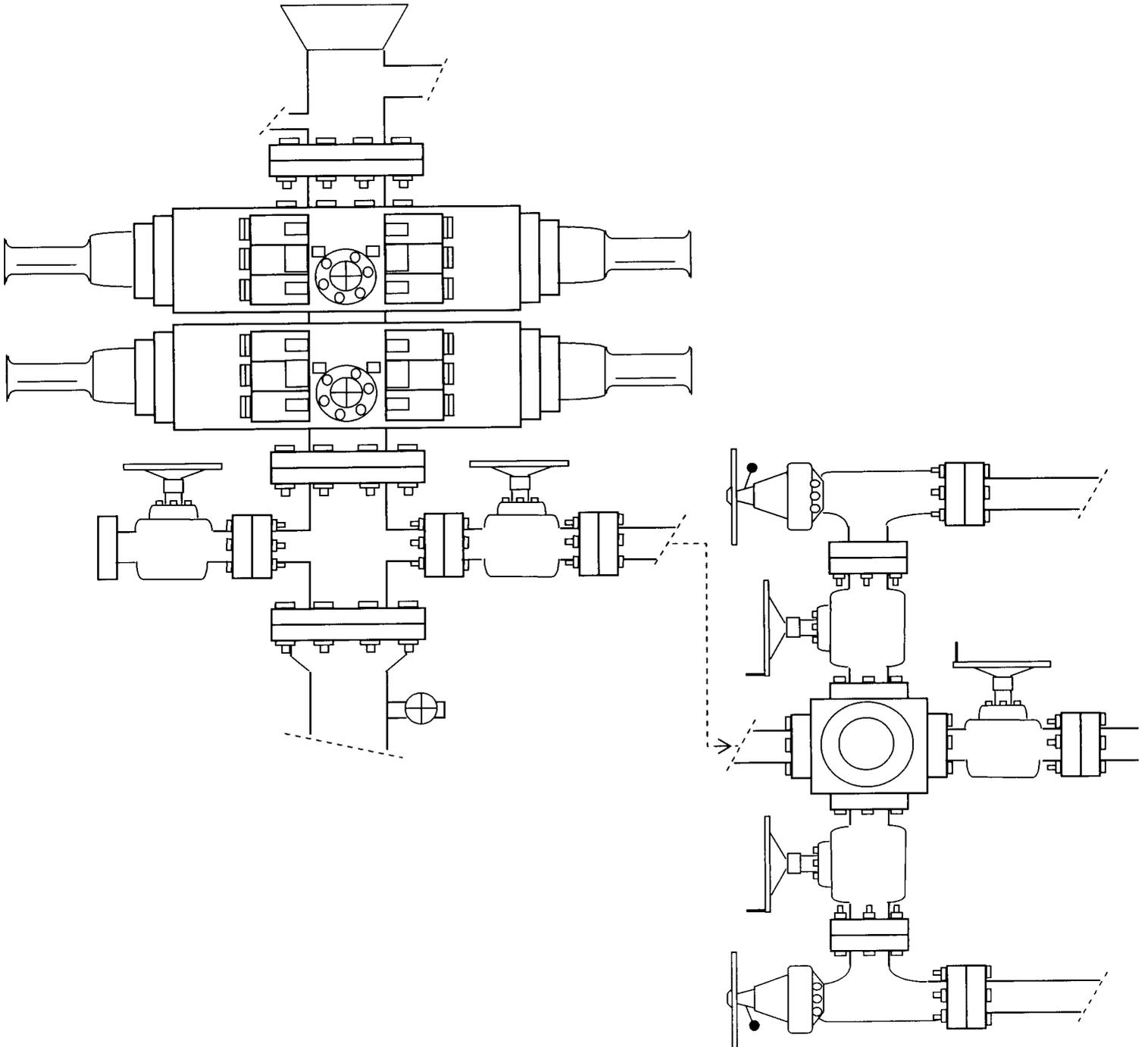


EXHIBIT C

Exhibit "D"  
Page 1 of 2

CULTURAL RESOURCE INVENTORY OF  
NEWFIELD EXPLORATION'S BLOCK PARCEL  
IN TOWNSHIP 9S, RANGE 16E, SECTION 21 and 22,  
DUCHESNE COUNTY, UTAH

By:

Katie Simon

Prepared For:

Bureau fo 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 147  
Moab, Utah 84532

MOAC Report No. 05-240

July 25, 2005

United States Department of Interior (FLPMA)  
Permit No. 05-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-05-MQ-0709b

**NEWFIELD PRODUCTION COMPANY**

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED  
PRODUCTION DEVELOPMENT AREAS,  
DUCHESNE COUNTY, UTAH**

Section 8, T 9 S, R 16 E [SW 1/4 & SE 1/4, NE 1/4; and SE 1/4]; Section 17, T 9 S, R 16 E [NE 1/4; NE 1/4, NW 1/4 & SW 1/4, SE 1/4; NE 1/4, NW 1/4, & SW 1/4, SW 1/4]; Section 19, T 9 S, R 16 E [entire section]; Section 20, T 9 S, R 16 E [excluding NW 1/4, NE 1/4; and NW 1/4 & SE 1/4, NW 1/4]; Section 21, T 9 S, R 16 E [excluding NE 1/4 & NW 1/4, NE 1/4]

**REPORT OF SURVEY**

Prepared for:

**Newfield Production Company**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
November 10, 2005

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 04/07/2006

API NO. ASSIGNED: 43-013-33145

WELL NAME: FEDERAL 9-21-9-16  
 OPERATOR: NEWFIELD PRODUCTION ( N2695 )  
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NESE 21 090S 160E  
 SURFACE: 2247 FSL 0756 FEL  
 BOTTOM: 2247 FSL 0756 FEL  
 COUNTY: DUCHESNE  
 LATITUDE: 40.01525 LONGITUDE: -110.1169  
 UTM SURF EASTINGS: 575369 NORTHINGS: 4429614  
 FIELD NAME: MONUMENT BUTTE ( 105 )

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

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-74392  
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UTB000192 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. MUNICIPAL )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

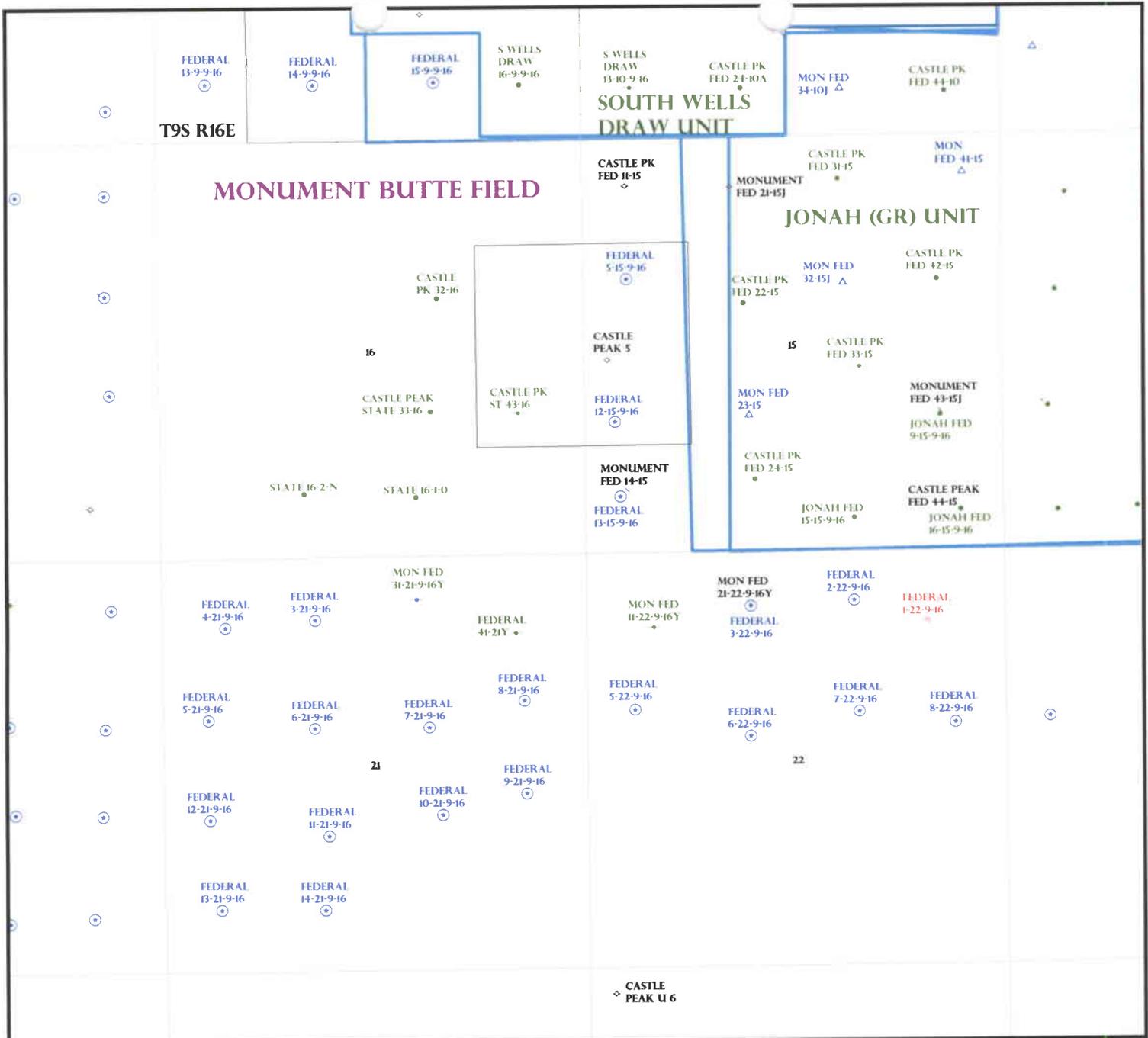
- R649-2-3.
- Unit: \_\_\_\_\_
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_
- R649-3-11. Directional Drill

COMMENTS:

*See Separate file*

STIPULATIONS:

*1- Federal Approval  
2 Spacing Strip*



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 21 T. 9S R. 16E

FIELD: MONUMENT FIELD (105)

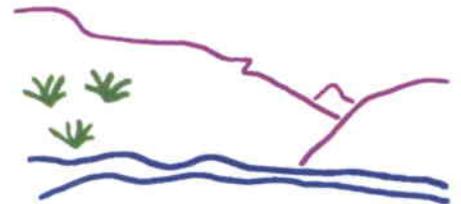
COUNTY: DUCHESNE

SPACING: R649-3-3 / EXCEPTION LOCATION

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

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

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



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 13-APRIL-2006



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

June 8, 2006

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

Re: Federal 9-21-9-16 Well, 2247' FSL, 756' FEL, NE SE, Sec. 21, T. 9 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 43-013-33145.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

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

**Operator:** Newfield Production Company  
**Well Name & Number** Federal 9-21-9-16  
**API Number:** 43-013-33145  
**Lease:** UTU-74392

**Location:** NE SE                      **Sec.** 21                      **T.** 9 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 Dan Jarvis at (801) 538-5338

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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.  
**UTU-74392**

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

7. If Unit or CA, Agreement Designation  
**N/A**

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
**FEDERAL 9-21-9-16**

9. API Well No.  
**43-013-33145**

2. Name of Operator  
**NEWFIELD PRODUCTION COMPANY**

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

3. Address and Telephone No.  
**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

11. County or Parish, State  
**DUCHESNE COUNTY, UT.**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**2247 FSL 756 FEL NE/SE Section 21, T9S R16E**

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other **Permit Extension**
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 6/8/06 (expiration 6/8/07).

This APD has not been approved yet by the BLM.

Approved by the  
Utah Division of  
Oil, Gas and Mining

RECEIVED

MAY 31 2007

DIV. OF OIL, GAS & MINING

Date: 05-30-07

By: [Signature]

3-31-07  
RM

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

Signed Mandie Crozier Title Regulatory Specialist Date 5/29/2007  
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

CC: Utah DOGM

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

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

**API:** 43-013-33145  
**Well Name:** Federal 9-21-9-16  
**Location:** NE/SE Section 21, T9S R16E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 6/8/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes  No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes  No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes  No

Has the approved source of water for drilling changed? Yes  No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes  No

Is bonding still in place, which covers this proposed well? Yes  No

  
\_\_\_\_\_  
Signature

5/29/2007

\_\_\_\_\_  
Date

**Title:** Regulatory Specialist

**Representing:** Newfield Production Company

# NEWFIELD



Route #3 Box 3630  
Myton, Utah 84052  
(435) 646-4825, FAX: (435) 646-3031

March 3, 2008

Bureau of Land Management  
Attn: Michael Cutler  
170 South 500 East  
Vernal, Utah 84078-2799

RE: APD Amendment  
Federal 9-21-9-16

Dear Michael:

Since submission of the Federal 9-21-9-16, the proposed location was moved due to an Arch Site. Enclosed in a new top form page of the APD and a new plat page. The remainder of the APD will remain the same.

Sincerely,

A handwritten signature in cursive script that reads "Mandie Crozier".

Mandie Crozier  
Regulatory Specialist

cc: State of Utah DOGM

enclosures

**RECEIVED**

**MAR 05 2008**

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

**UTU-74392**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**N/A**

8. Well Name and No.

**FEDERAL 9-21-9-16**

9. API Well No.

**43-013-33145**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UT.**

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

**NEWFIELD PRODUCTION COMPANY**

3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

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

**2247 FSL 756 FEL NE/SE Section 21, T9S R16E**

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other **APD Change**

Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-

ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**NEWFIELD**

Since submission of the Federal 9-21-9-16, the proposed location was moved due to an Arch Site. Enclosed in a new top form page of the APD and a new plat package.

The remainder of the APD will remain the same.

Approved by the  
Utah Division of  
Oil, Gas and Mining

**COPY SENT TO OPERATOR**

Date: 4-28-2008

Initials: KS

2303' FSL  
582' FEL

575422X  
44296314  
40615405  
-110-116253

Date: 04-24-08

By: [Signature]

**RECEIVED**

**MAR 05 2008**

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

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

Signed Mandie Crozier Title

Regulatory Specialist

Date 3/3/2008

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

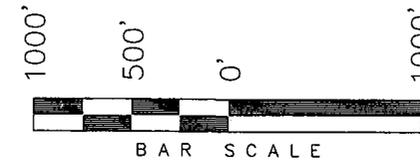
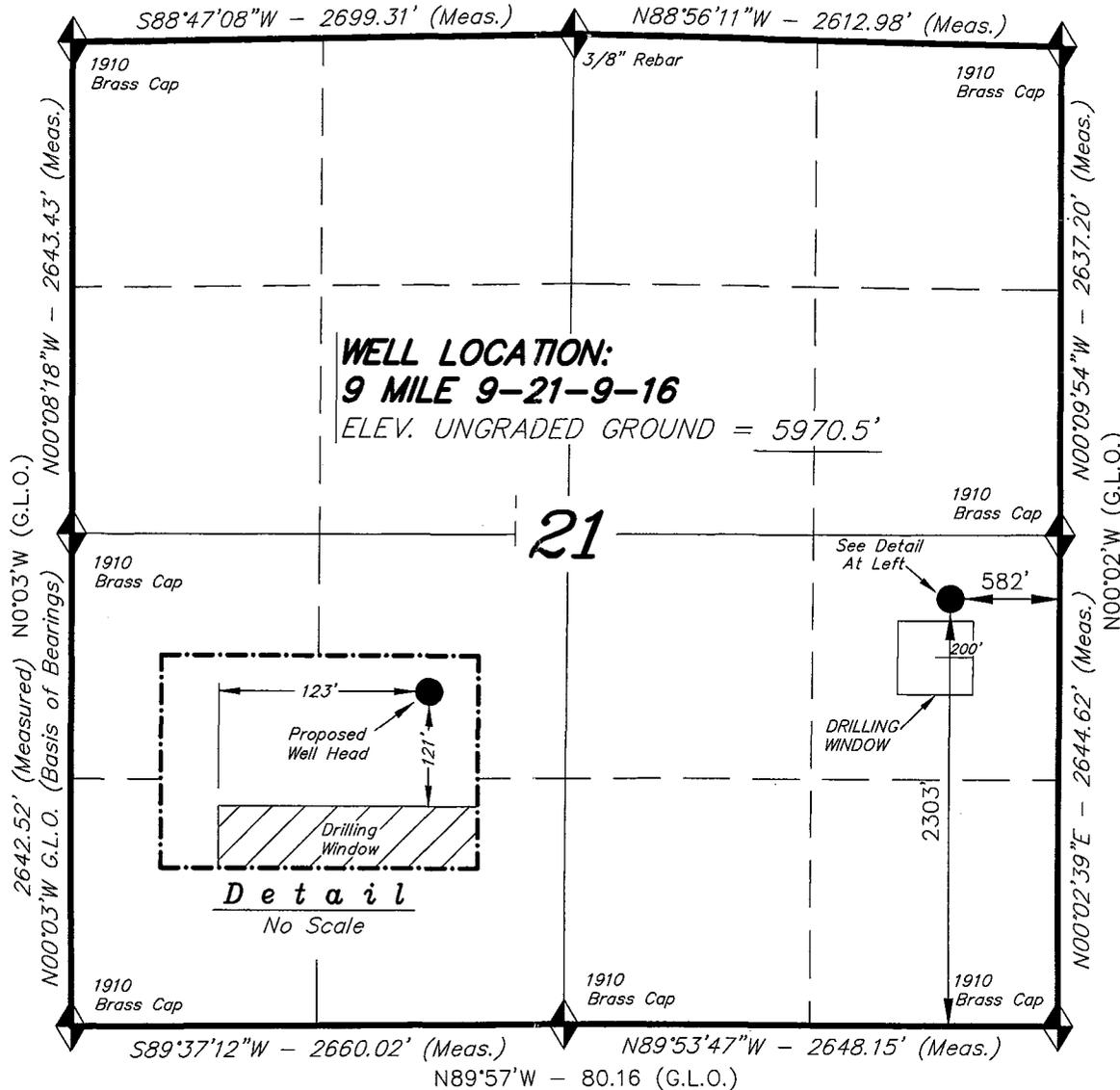
CC: Utah DOGM

# T9S, R16E, S.L.B.&M.

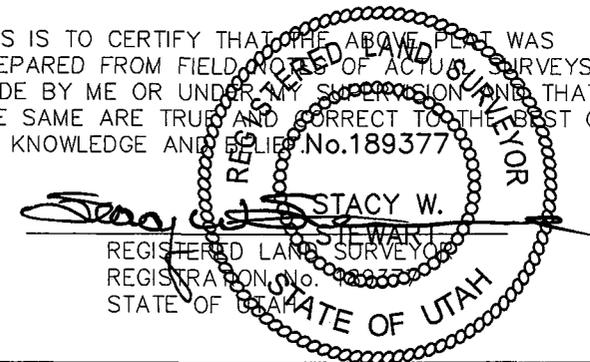
N89°57'W - 80.00 (G.L.O.)

## NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 9-21-9-16,  
LOCATED AS SHOWN IN THE NE 1/4 SE  
1/4 OF SECTION 21, T9S, 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



◆ = SECTION CORNERS LOCATED

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

**9 MILE 9-21-9-16**  
**(Surface Location) NAD 83**  
LATITUDE = 40° 00' 55.66"  
LONGITUDE = 110° 07' 00.82"

### TRI STATE LAND SURVEYING & CONSULTING

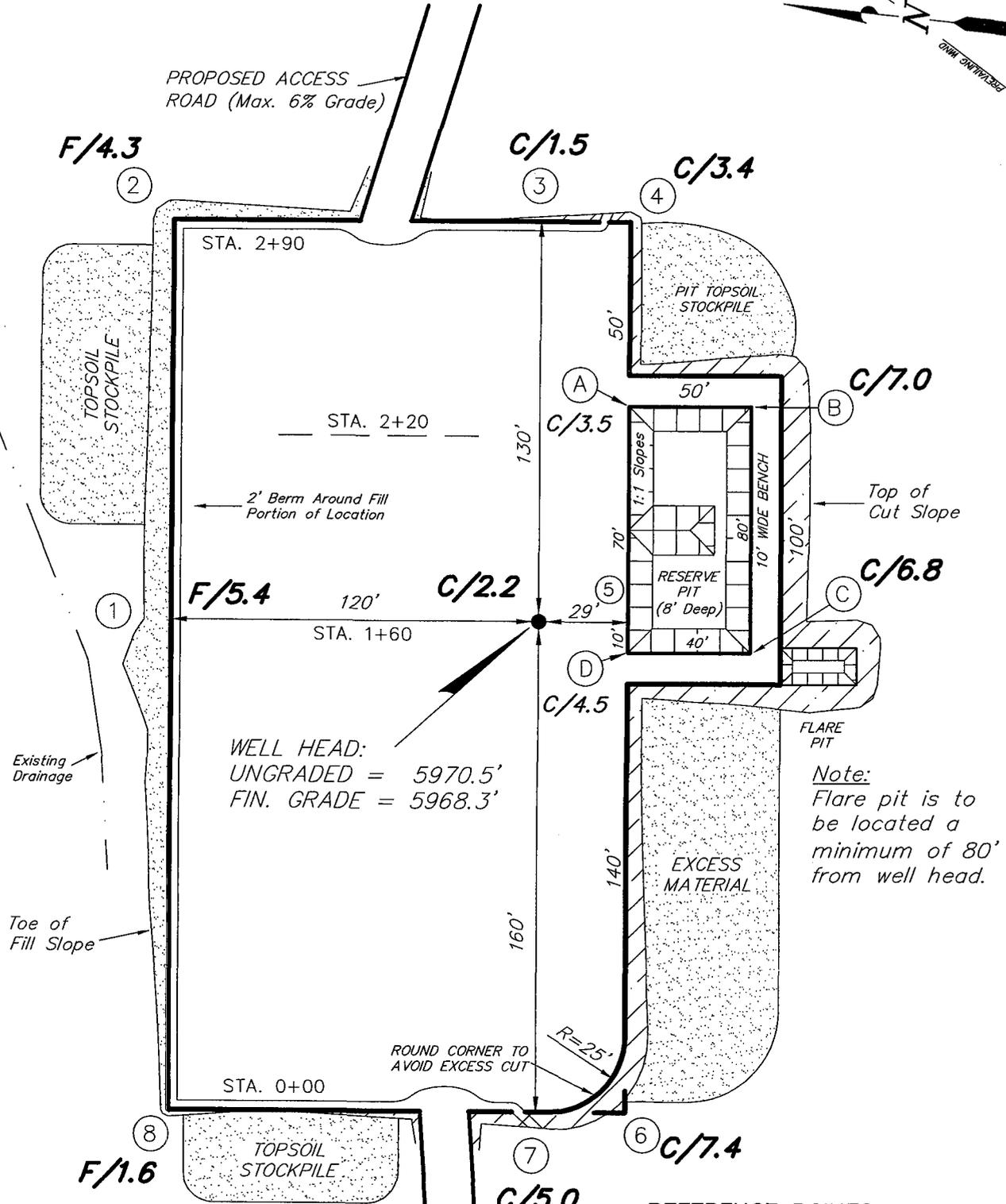
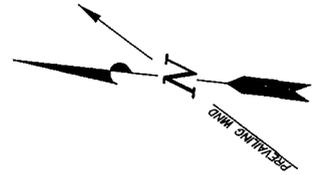
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

DATE SURVEYED: 1-23-08	SURVEYED BY: C.M.
DATE DRAWN: 1-31-08	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

# NEWFIELD PRODUCTION COMPANY

9 MILE 9-21-9-16

Section 21, T9S, R16E, S.L.B.&M.



WELL HEAD:  
UNGRADED = 5970.5'  
FIN. GRADE = 5968.3'

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

REFERENCE POINTS

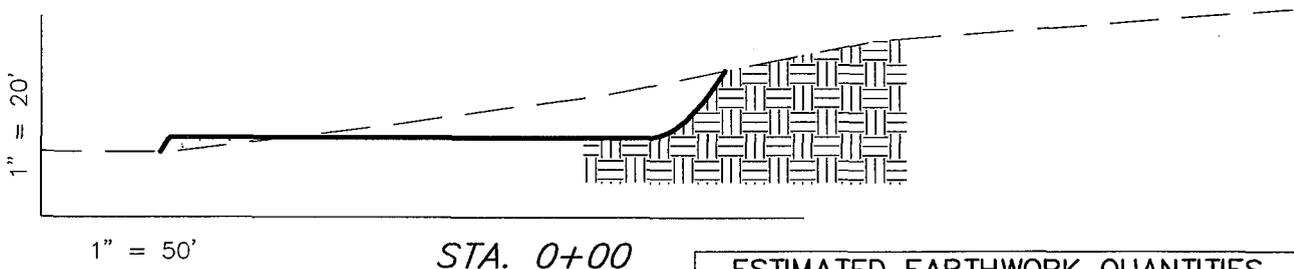
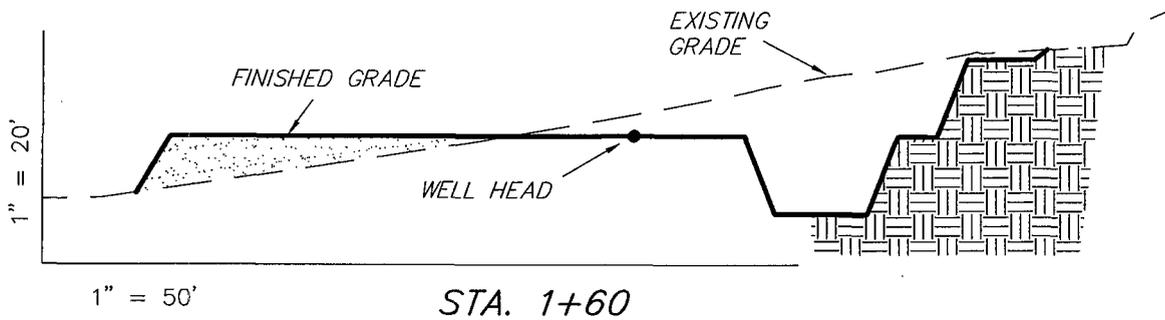
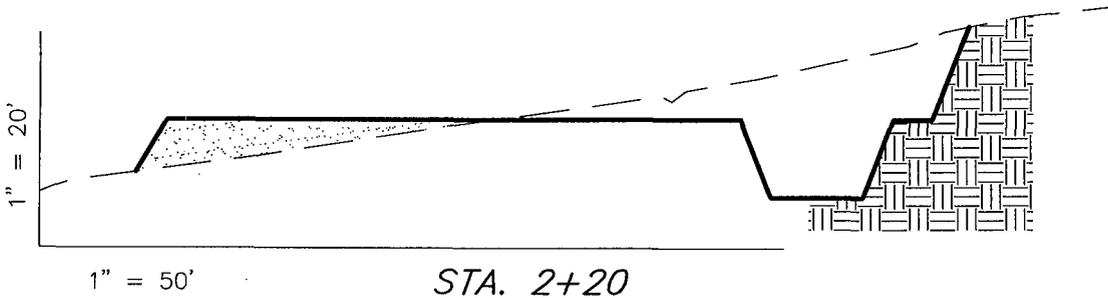
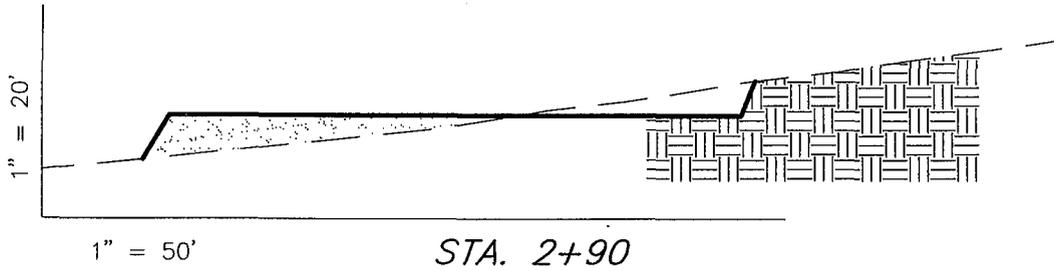
170' NORTH	- 5961.5'
220' NORTH	- 5964.2'
180' EAST	- 5969.9'
230' EAST	- 5967.8'

SURVEYED BY: C.M.	DATE SURVEYED: 1-23-08
DRAWN BY: M.W.	DATE DRAWN: 1-31-08
SCALE: 1" = 50'	REVISED:

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

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS 9 MILE 9-21-9-16



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

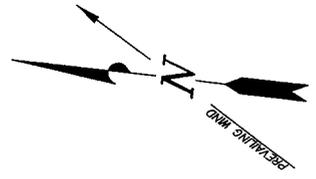
ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,750	2,750	Topsoil is not included in Pad Cut	0
PIT	640	0		640
<b>TOTALS</b>	<b>3,390</b>	<b>2,750</b>	<b>1,010</b>	<b>640</b>

SURVEYED BY: C.M.	DATE SURVEYED: 1-23-08
DRAWN BY: M.W.	DATE DRAWN: 1-31-08
SCALE: 1" = 50'	REVISED:

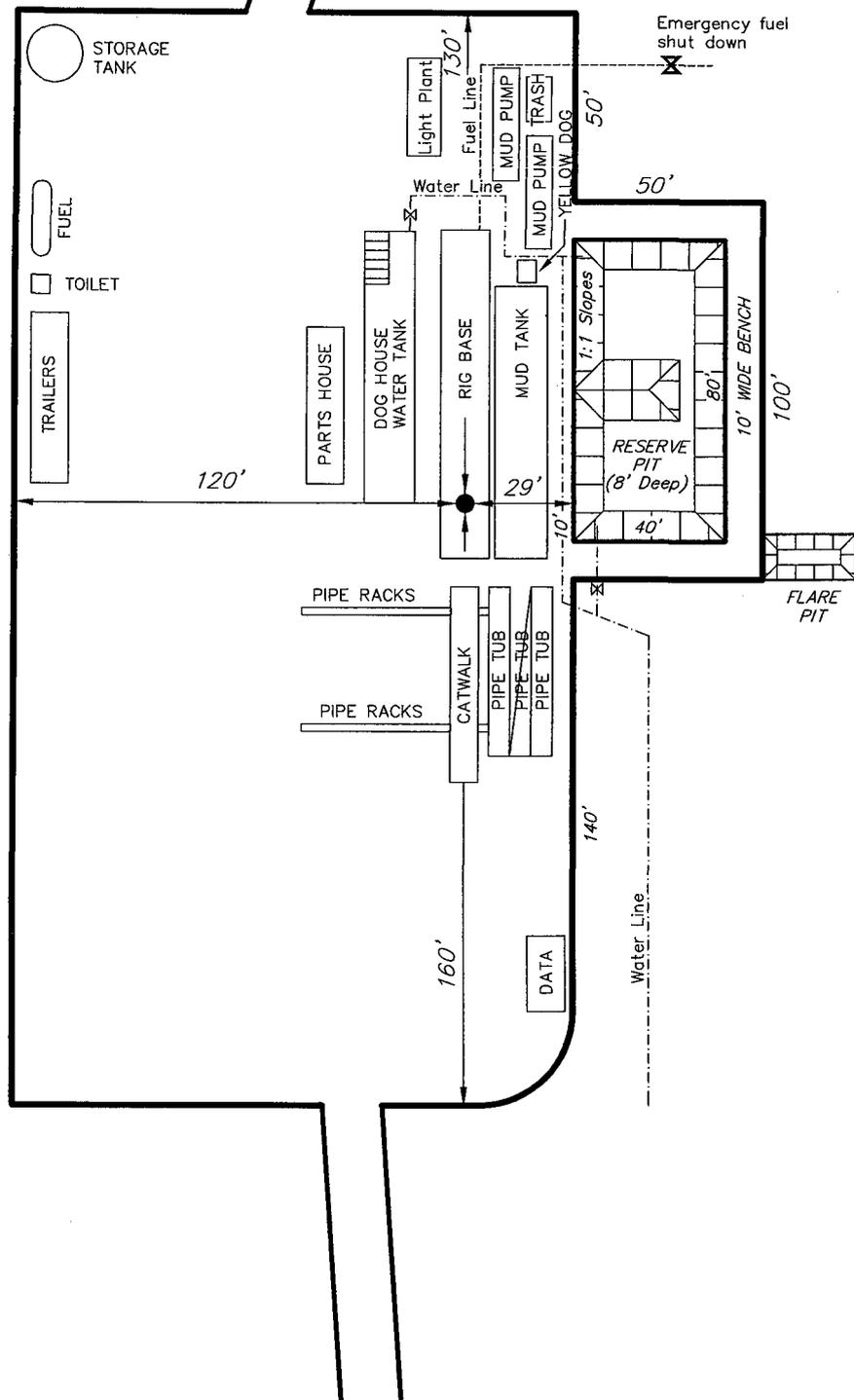
**Tri State**  
 Land Surveying, Inc.  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
 (435) 781-2501

# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT 9 MILE 9-21-9-16



PROPOSED ACCESS ROAD (Max. 6% Grade)



SURVEYED BY: C.M.	DATE SURVEYED: 1-23-08
DRAWN BY: M.W.	DATE DRAWN: 1-31-08
SCALE: 1" = 50'	REVISED:

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



April 22, 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 9-21-9-16**  
T9S R16E, Section 21: NESE  
2303' FSL 582' 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 121' north of the drilling window required by Rule R649-3-2, which requires a well to be located in the center of a forty (40) acre quarter-quarter section, or a substantially equivalent lot or tract, with a tolerance of two hundred (200) feet in any direction from the center.

The attached plat depicts the proposed location and illustrates the deviation from the drilling window. The requested location has been chosen to avoid an area of archeological interest within the required drilling window.

Please note the drillsite is on U-74392, is owned by NPC 50%, Yates Petroleum Corporation 20%, Yates Drilling Company 10%, Abo Petroleum Corporation 10% and Myco Industries, Inc. 10%. The drillsite is less than 460' from U-64379, which is owned by NPC 50% and Yates Petroleum Corporation 50%. 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**

**MAR 27 2008**

**MAIL ROOM YPC**

March 24, 2008

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

RE: Exception Location  
Federal 9-21-9-16  
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 9-21-9-16**  
UTU-74392  
T9S R16E, Section 21: NESE  
2303' FSL 582' PBL  
Duchesne County, Utah

This well is located 121' north of the drilling window as required by State of Utah R649-3-2 to avoid a site of archeological interest. It is therefore only 337' from the lease line between UTU-74392 and UTU-64379. It is necessary to obtain your written concurrence with this exception location as a 20% working interest owner in the lease the well will be drilled on and a 50% working interest owner in the lease the well will encroach 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

Fax to: 303-893-0103  
Newfield Production Company  
Attn: Roxann Eveland  
RE: Exception Location  
Federal 9-21-9-16  
UTU-74392  
T9S R16E, Section 21: NESE  
2303' FSL 582' 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: Cody Moore

Date: 4/21/08

Cody Moore Associate Landman  
Print Name and Title



March 24, 2008

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

RE: Exception Location  
Federal 9-21-9-16  
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 9-21-9-16**  
UTU-74392  
T9S R16E, Section 21: NESE  
2303' FSL 582' FEL  
Duchesne County, Utah

This well is located 121' north of the drilling window as required by State of Utah R649-3-2 to avoid a site of archeological interest. It is therefore only 337' from the lease line between UTU-74392 and UTU-64379. It is necessary to obtain your written concurrence with this exception location as a 10% working interest owner in 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".

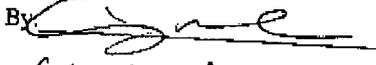
Roxann Eveland  
Land Associate

Enclosure

Fax to: 303-893-0103  
Attn: Newfield Production Company  
Roxann Eveland  
RE: Exception Location  
Federal 9-21-9-16  
UTU-74392  
T9S R16E, Section 21: NESE  
2303' FSL 582' 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:   
Cody Moore, Associate Landman  
Print Name and Title

Date: 4/21/08



March 24, 2008

ABO Petroleum Corporation  
PO Box 900  
Artesia, NM 88211

RE: Exception Location  
Federal 9-21-9-16  
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 9-21-9-16**  
UTU-74392  
T9S R16E, Section 21: NESE  
2303' FSL 582' FEL  
Duchesne County, Utah

This well is located 121' north of the drilling window as required by State of Utah R649-3-2 to avoid a site of archeological interest. It is therefore only 337' from the lease line between UTU-74392 and UTU-64379. It is necessary to obtain your written concurrence with this exception location as a 10% working interest owner in the lease the well will be drilled on.

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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,

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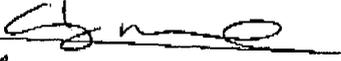
Roxann Eveland  
Land Associate

Enclosure

Fax to: 303-893-0103  
Newfield Production Company  
Attn: Roxann Eveland  
RE: Exception Location  
Federal 9-21-9-16  
UTU-74392  
T9S R16E, Section 21: NESE  
2303' FSL 582' FEL  
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:   
Cody Moore, Associate Landman  
Print Name and Title

Date: 4/21/04



March 24, 2008

Myco Industries Inc.  
PO Box 840  
Artesia, NM 88211

RE: Exception Location  
Federal 9-21-9-16  
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 9-21-9-16**  
UTU-74392  
T9S R16E, Section 21: NESE  
2303' FSL 582' FEL  
Duchesne County, Utah

This well is located 121' north of the drilling window as required by State of Utah R649-3-2 to avoid a site of archeological interest. It is therefore only 337' from the lease line between UTU-74392 and UTU-64379. It is necessary to obtain your written concurrence with this exception location as a 10% working interest owner in 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".

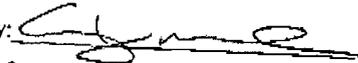
Roxann Eveland  
Land Associate

Enclosure

Fax to: 303-893-0103  
Attn: Newfield Production Company  
Roxann Eveland  
RE: Exception Location  
Federal 9-21-9-16  
UTU-74392  
T9S R16E, Section 21: NESE  
2303' FSL 582' FEL  
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:   
Cody Moore, Associate Landman  
Print Name and Title

Date: 4/21/08

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.  
**UTU-74392**

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

7. If Unit or CA, Agreement Designation  
**N/A**

8. Well Name and No.  
**FEDERAL 9-21-9-16**

9. API Well No.  
**43-013-33145**

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

11. County or Parish, State  
**DUCHESNE COUNTY, UT.**

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**NEWFIELD PRODUCTION COMPANY**

3. Address and Telephone No.  
**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**2303 FSL 582 FEL      NE/SE Section 21, T9S R16E**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <b>Permit Extension</b>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 6/8/06.

This APD has not been approved yet by the BLM.

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

Date: 05-28-08  
By: [Signature]

**COPY SENT TO OPERATOR**  
Date: 6-2-2008  
Initials: KS

14. I hereby certify that the foregoing is true and correct  
Signed Mandie Crozier Title Regulatory Specialist Date 5/28/2008  
Mandie Crozier

CC: UTAH DOGM  
(This space for Federal or State office use)  
Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:  
CC: Utah DOGM

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



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

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

**API:** 43-013-33145  
**Well Name:** Federal 9-21-9-16  
**Location:** NE/SE Section 21, T9S R16E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 6/8/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes  No  NA

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes  No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes  No

Has the approved source of water for drilling changed? Yes  No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes  No

Is bonding still in place, which covers this proposed well? Yes  No

  
Signature

5/27/2008  
Date

**Title:** Regulatory Specialist

**Representing:** Newfield Production Company

**RECEIVED**  
**MAY 28 2008**  
DIV. OF OIL, GAS & MINING

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-74392
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> FEDERAL 9-21-9-16
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013331450000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2303 FSL 0582 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 21 Township: 09.0S Range: 16.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE  <b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 5/26/2009	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

Newfield Production Company requests to extend the APD for this well for one more year.

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

**Date:** May 27, 2009

**By:**

<b>NAME (PLEASE PRINT)</b> Mandie Crozier	<b>PHONE NUMBER</b> 435 646-4825	<b>TITLE</b> Regulatory Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/26/2009	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013331450000

API: 43013331450000

Well Name: FEDERAL 9-21-9-16

Location: 2303 FSL 0582 FEL QTR NESE SEC 21 TWP 090S RNG 160E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 6/8/2006

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

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

Approved by the Utah Division of Oil, Gas and Mining

Signature: Mandie Crozier

Date: 5/26/2009

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY

Date: May 27, 2009

By: [Signature]

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5a. Address Route #3 Box 3630, Myton UT 84052		3b. Phone No. (include area code) (435) 646-3721	5. Lease Serial No. UTU-74392
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NE/SE 2303' FSL 582' FEL At proposed prod. zone		6. If Indian, Allottee or Tribe Name NA	
14. Distance in miles and direction from nearest town or post office* Approximately 24.8 miles southwest of Myton, UT		7. If Unit or CA Agreement, Name and No. NA	
15. Distance from proposed* location to nearest property or lease line, ft. Approx. 337' f/lse, NA' f/unit (Also to nearest drig. unit line, if any)	16. No. of acres in lease 2080.00	8. Lease Name and Well No. Federal 9-21-9-16	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1309'	19. Proposed Depth 5,960'	9. API Well No. 43-013-33145	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5971' GL	22. Approximate date work will start* 3rd Qtr. 2009	10. Field and Pool, or Exploratory Monument Butte	
24. Attachments		11. Sec., T. R. M. or Blk. and Survey or Area Sec. 21, T9S R16E	
		12. County or Parish Duchesne	13. State UT
		17. Spacing Unit dedicated to this well 40 Acres	
		20. BLM/BIA Bond No. on file RLB00100473 / WYB000493	
		23. Estimated duration (7) days from SPUD to rig release	

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must 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 must 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 BLM.

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 3/16/09
Title Regulatory Specialist		
Approved by (Signature) <i>Naomi Hatch</i>	Name (Printed/Typed) Naomi Hatch	Date 7/24/09
Title acting Assistant Field Manager Lands & Mineral Resources		
Office VERNAL FIELD OFFICE		

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

CONDITIONS OF APPROVAL ATTACHED

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

(Continued on page 2)

\*(Instructions on page 2)

BUREAU OF LAND MGMT  
 DEPT OF THE INTERIOR  
 APR 7 2009  
 2009 MAR 19 AM 11 45

RECEIVED  
 VERNAL FIELD OFFICE

NOTICE OF APPROVAL  
RECEIVED

JUL 30 2009

DIV. OF OIL, GAS & MINING  
073M4707A

UDOGM

No NOS



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

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



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

**Company:** Newfield Production Company  
**Well No:** Federal 9-21-9-16  
**API No:** 43-013-33145

**Location:** NESE, Sec. 21, T9S, R16E  
**Lease No:** UTU-74392  
**Agreement:** N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Christine Cimiluca	(435) 781-4475	
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Lori Ford	(435) 781-4406	
NRS/Enviro Scientist:	David Gordon	(435) 781-4424	
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544

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

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

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

**NOTIFICATION REQUIREMENTS**

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

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

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO<sub>x</sub> per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO<sub>x</sub> per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

**CONDITIONS OF APPROVAL:** (See Castle Peak EIS for standard COAs)

- Construction and drilling not allowed from May 1 - June 15 minimizing impacts during Mountain Plover nesting.
- Based on a 6 in topsoil average a topsoil pile around 779 feet long with a 20 foot base, a 8 foot top, and 3 feet thick needs to preserved and signed properly. This pile shall be located where identified in the APD package.
- 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 dry and free of all trash and residual hydrocarbons it will be 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
Forage Kochia	<i>Kochia Prostrata</i>	0.20	1/2"
Squirreltail grass	<i>Elymus elymoides</i>	3.0	1/4 - 1/2"
Siberian wheatgrass	<i>Agropyron fragile</i>	1.0	1/2"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	1/2"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	1/2"
Gardner's saltbush	<i>Atriplex gardneri</i>	0.50	1/2"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	1/8 - 1/4"

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

**Final reclamation:**

- 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, and in Green River reclamation guidelines. 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:**

- A variance is granted for O.O. #2 III. E. 1.
  - a. The blooie line shall be straight or have targeted tees for bends in the line.
  - b. Not requiring an automatic igniter or continuous pilot on the blooie line.
- Run a cement bond log from TD to the base of the surface casing shoe.

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

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

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

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

#### OPERATING REQUIREMENT REMINDERS:

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

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

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

*Spud*  
BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross #29 Submitted  
By Nathan Rutledge Phone Number 435-823-2050  
Well Name/Number Federal 9-21-9-16  
Qtr/Qtr NE/SE Section 21 Township 9S Range 16E  
Lease Serial Number UTU-74392  
API Number 43-013-33145

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

Date/Time July 31, 2009      9:00 AM  PM

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

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

Date/Time July 31, 2009      3:00 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 \_\_\_\_\_  
\_\_\_\_\_

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	17346	4301350018	HANCOCK 3-20-4-1	NENW	20	4S	1W	DUCHESNE	8/7/2009	8/13/09
WELL 1 COMMENTS: <i>GRRV</i>											
A	99999	17347	4301334257	LAMB 16-19-4-1	SESE	19	4S	1W	DUCHESNE	8/5/2009	8/13/09
WELL 2 COMMENTS: <i>GRRV</i>											
A	99999		4304740503	<del>UTE TRIBAL 4-30-4-1E</del>	NENW	30	4S	1E	UINTAH	7/16/2009	
Duplicate (submitted in July)											
A	99999	17348	4301333145	FEDERAL 9-21-9-16	NESE	21	9S	16E	DUCHESNE	7/31/2009	8/13/09
WELL 4 COMMENTS: <i>GRRV</i>											
B	99999	12276	4301334068	WELLS DRAW FEDERAL R-33-8-16	NWSE	33	8S	16E	DUCHESNE	7/29/2009	8/13/09
WELL 5 COMMENTS: <i>GRRV</i> <i>BHL = SWSE</i>											
B	99999	12276	4301334067	WELLS DRAW FEDERAL S-33-8-16	NWSE	33	8S	16E	DUCHESNE	8/1/2009	8/13/09
WELL 6 COMMENTS: <i>GRRV</i> <i>BHL = SESE</i>											

- 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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DIV. OF OIL, GAS & MINING

*Jentri Park*  
 Signature  
 Production Clerk  
 Date 08/12/09

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)  
435.646.3721

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

NESE Section 21 T9S R16E

5. Lease Serial No.

74392

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.

FEDERAL 9-21-9-16

9. API Well No.

4301333145

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	Spud Notice _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

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

On 7/31/09 MIRU Ross # 29. Spud well @ 9:00 AM. Drill 315' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgr. Set @ 322.23 KB. On 8/1/09 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 7 bbls cement to pit. WOC.

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

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

Justin Crum

Signature

Title

Drilling Foreman

Date

08/25/2009

**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)





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)

NESE Section 21 T9S R16E

5. Lease Serial No.

74392

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.

FEDERAL 9-21-9-16

9. API Well No.

4301333145

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 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 8/2/09 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 5887.85'. 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, 141 jt's of 5.5 J-55, 15.5# csgn. Set @ 5887' / KB. Cement with 260 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 400 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 27 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 85,000 #'s tension. Release rig @ 1:00 AM on 8/7/09.

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SEP 02 2009

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed) Justin Crum	Title Drilling Foreman
Signature 	Date 08/25/2009

**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)





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-74392

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.  
FEE

2. Name of Operator  
NEWFIELD EXPLORATION COMPANY

8. Lease Name and Well No.  
FEDERAL 9-21-9-16

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

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

9. AFI Well No.  
43-013-33145

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

At surface 2247' FSL & 756' FEL (NE/SE) SEC. 21, T9S, R16E  
2303 RY 592 FEL

10. Field and Pool or Exploratory  
MONUMENT BUTTE

11. Sec., T., R., M., on Block and  
Survey or Area SEC. 30, T4S, R1E

At top prod. interval reported below

12. County or Parish  
DUCHESNE

13. State  
UT

At total depth 5905'

14. Date Spudded  
07/31/2009

15. Date T.D. Reached  
08/06/2009

16. Date Completed 09/02/2009  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
5970' GL 5982' KB

18. Total Depth: MD 5905'  
TVD

19. Plug Back T.D.: MD 5848'  
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#		322'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#		5888'		260 PRIMLITE		120'	
						400 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 5621'	TA @ 5524'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER			(CP3) 5542-5548	.49"	3	36
B) GREEN RIVER			(A3)4958-64,4948-50,4939-	.34"	3	30
C) GREEN RIVER			(B2) 4811-4817'	.34"	3	18
D) GREEN RIVER			(C) (D3)(D1) see below	.34"	3	33

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

Depth Interval	Amount and Type of Material
5542-5548'	Frac CP3 sds w/ 15,136#'s of 20/40 sand in 294 bbls of Lightning 17 fluid.
4939-4950'	Frac A3 sds w/ 115,669#'s of 20/40 sand in 860 bbls of Lightning 17 fluid.
4811-4817'	Frac B2 sds w/ 25,293#'s of 20/40 sand in 360 bbls of Lightning 17 fluid.
4559-4699'	Frac C/D3/D1 sds w/ 111,451#'s of 20/40 sand in 780 bbls of Lightning 17 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
09/02/09	09/18/09	24	→	49	57	14			Central Hydraulic 2 1/2" X 1 1/2" X 20' X 24' RHAC rod pump w/ 229" max SL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

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

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\*(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	3534' 3746'
				GARDEN GULCH 2 POINT 3	3855' 4096'
				X MRKR Y MRKR	4358' 4393'
				DOUGALS CREEK MRK BI CARBONATE MRK	4505' 4741'
				B LIMESTON MRK CASTLE PEAK	4837' 5356'
				BASAL CARBONATE TOTAL DEPTH (LOGGERS)	5831' 5912'

32. Additional remarks (include plugging procedure):

Stage 1: Perforate stage #1 w/ 3 1/8" slick guns (19 gm charge, .49" EH, 120° phasing & 3 SPF) as follows: CP5 sds @ 6458-62' & CP4 sds @ 6395-98'.  
 Stage 2: Perforate CP sds @ 6234-36' & CP1 sds @ 6181-85', 6165-68' & 6148-50' w/ 3 1/8" slick guns ( 16 gram, .34" HE, 120°, 21.0" pen. ) w/ 3 spf for total of 33 shots. 519 BWTR  
 Stage 4: Perforate C sds @ 4694-99', D3 sds @ 4636-40' & D1 sds @ 4559-61' w/ 3 1/8" Slick Guns (.34"EH, 16 gram, 120°, 21.00" pen., TAG-3375-311SL) w/ 3 spf for total of 33 shots.

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 10/09/2009

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-74392
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> FEDERAL 9-21-9-16
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013331450000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2303 FSL 0582 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 21 Township: 09.0S Range: 16.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE  <b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/14/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The subject well has been converted from a producing oil well to an injection well on 09/12/2012. On 09/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/14/2012 the casing was pressured up to 1460 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was not a State representative available to witness the test.

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

**Date:** September 24, 2012

**By:**

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/21/2012	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company  
Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: \_\_\_\_\_ Date 9/19/12 Time 11:30 am pm  
Test Conducted by: Riley Bagley  
Others Present: \_\_\_\_\_

Well: <u>Federal 9-21-9-16</u>	Field: <u>Monument Butte</u>
Well Location: <u>Federal 9-21-9-16</u>	API No: <u>4301333145</u>

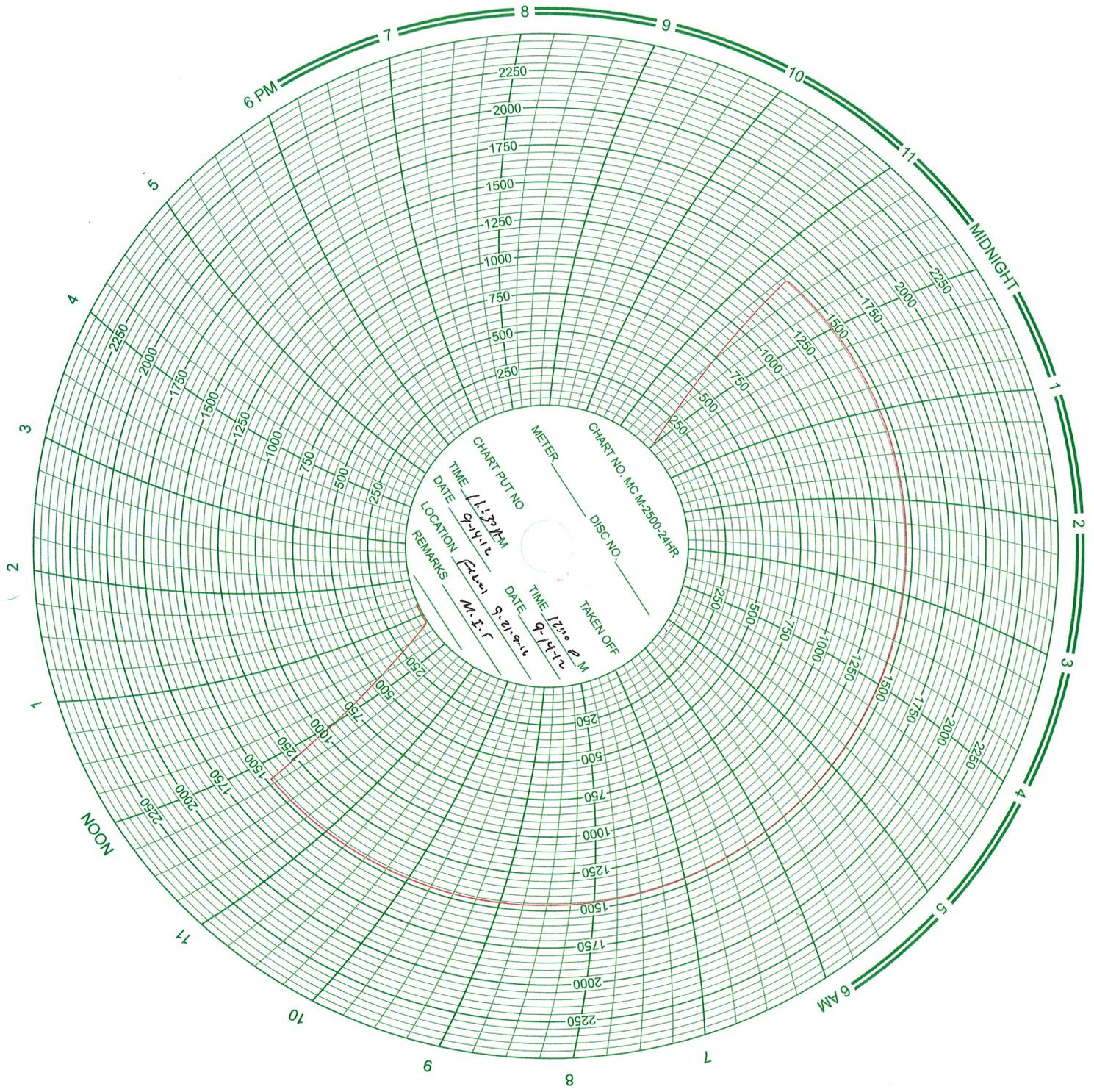
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1460</u>	psig
5	<u>1460</u>	psig
10	<u>1460</u>	psig
15	<u>1460</u>	psig
20	<u>1460</u>	psig
25	<u>1460</u>	psig
30 min	<u>1460</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 250 psig

Result: Pass Fail

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

Signature of Person Conducting Test: Riley Bagley



## Daily Activity Report

Format For Sundry

FEDERAL 9-21-9-16

7/1/2012 To 11/30/2012

9/17/2012 Day: 1

Conversion

WWS#9 on 9/17/2012 - MIRUSU, TOH & LD rods. - MIRUSU. Pump 60 bbls water down csg @ 250. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250. Softseat & pressure test tbg to 3000 psi w/ 15 bbls water. Good test. Unseat rod pump. TOH & LD w/ 104- 3/4 guided rods. SDFD. - MIRUSU. Pump 60 bbls water down csg @ 250. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250. Softseat & pressure test tbg to 3000 psi w/ 15 bbls water. Good test. Unseat rod pump. TOH & LD w/ 104- 3/4 guided rods. SDFD. - MIRUSU. Pump 60 bbls water down csg @ 250. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250. Softseat & pressure test tbg to 3000 psi w/ 15 bbls water. Good test. Unseat rod pump. TOH & LD w/ 104- 3/4 guided rods. SDFD. - MIRUSU. Pump 60 bbls water down csg @ 250. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250. Softseat & pressure test tbg to 3000 psi w/ 15 bbls water. Good test. Unseat rod pump. TOH & LD w/ 104- 3/4 guided rods. SDFD. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$23,760

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9/18/2012 Day: 2

Conversion

WWS#9 on 9/18/2012 - Cont to LD rods, TOH w/ tbg breaking collars. - Flush tbg w/ 30 bbls water @ 250. Cont to TOH breaking collars & applying liquid o-ring w/ 103- jts 2 7/8. LD w/ 35- jts 2 7/8. PU TIH w/ 2 3/8 XN nipple, 4' x 2 3/8 sub, 2 3/8 x 2 7/8 XO, 5 1/2 Arrowset pkr, on/off tool, 2 7/8 SN, 141- jts 2 7/8 j-55 tbg. Pump 10 bbls water down tbg & drop std valve. Pressure test tbg to 3000 psi w/ 8 bbls water for 1 hr. Good test. RU sandline to retrieve std valve. RD sandline. RD rig floor. ND BOP. NU wellhead. Pump 50 bbls fresh water w/ pkr fluid down csg. ND wellhead. Set Pkr w/ 150000 tension. NU wellhead. Fill annulus w/ 30 bbls fresh water w/ pkr fluid. Pressure test csg to 1500 psi for 1 hr. Good test. RDMOSU. READY FOR MIT!! - Pump 30 bbls water down csg @ 250. Flush tbg & rods w/ 30 bbls water @ 250. TOH & LD w/ 2- 3/4 guided rods, 36- 3/4 plain rods, 73- 3/4 guided rods, 6- 1 1/2 wt bars, rod pump. X-over to tbg eq. ND wellhead. Release TA. NU BOP. RU rig floor. Flush tbg w/ 30 bbls water @ 250. TOH w/ tbg breaking collars & applying liquid o-ring w/ 40- jts 2 7/8. SDFD. - Pump 30 bbls water down csg @ 250. Flush tbg & rods w/ 30 bbls water @ 250. TOH & LD w/ 2- 3/4 guided rods, 36- 3/4 plain rods, 73- 3/4 guided rods, 6- 1 1/2 wt bars, rod pump. X-over to tbg eq. ND wellhead. Release TA. NU BOP. RU rig floor. Flush tbg w/ 30 bbls water @ 250. TOH w/ tbg breaking collars & applying liquid o-ring w/ 40- jts 2 7/8. SDFD. - Pump 30 bbls water down csg @ 250. Flush tbg & rods w/ 30 bbls water @ 250. Cont to TOH breaking collars & applying liquid o-ring w/ 103- jts 2 7/8. LD w/ 35- jts 2 7/8. PU TIH w/ 2 3/8 XN nipple, 4' x 2 3/8 sub, 2 3/8 x 2 7/8 XO, 5 1/2 Arrowset pkr, on/off tool, 2 7/8 SN, 141- jts 2 7/8 j-55 tbg. Pump 10 bbls water down tbg & drop std valve. Pressure test tbg to 3000 psi w/ 8 bbls water for 1 hr. Good test. RU sandline to retrieve std valve. RD sandline. RD rig floor. ND BOP. NU wellhead. Pump 50 bbls fresh water w/ pkr fluid down csg. ND wellhead. Set Pkr w/ 150000 tension. NU wellhead. Fill annulus w/ 30 bbls fresh water w/ pkr fluid. Pressure test csg to 1500 psi for 1 hr. Good test. RDMOSU. READY FOR MIT!! - Pump 30 bbls water down csg @ 250. Flush tbg & rods w/ 30 bbls water @ 250. TOH & LD w/ 2- 3/4 guided rods, 36- 3/4 plain rods, 73- 3/4 guided rods, 6- 1 1/2 wt bars, rod pump. X-over to tbg eq. ND wellhead. Release TA. NU BOP. RU rig floor. Flush tbg w/ 30 bbls water @ 250. TOH w/ tbg breaking collars & applying liquid o-ring w/ 40- jts 2 7/8. SDFD. - Pump 30 bbls water down csg @ 250. Flush tbg & rods w/ 30 bbls water @ 250. TOH & LD w/ 2- 3/4 guided rods, 36- 3/4 plain rods, 73- 3/4 guided rods, 6- 1 1/2 wt bars, rod pump. X-over to tbg eq. ND wellhead. Release TA. NU BOP. RU rig floor.

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tool, 2 7/8 SN, 141- jts 2 7/8 j-55 tbg. Pump 10 bbls water down tbg & drop std valve. Pressure test tbg to 3000 psi w/ 8 bbls water for 1 hr. Good test. RU sandline to retrieve std valve. RD sandline. RD rig floor. ND BOP. NU wellhead. Pump 50 bbls fresh water w/ pkr fluid down csg. ND wellhead. Set Pkr w/ 150000 tension. NU wellhead. Fill annulus w/ 30 bbls fresh water w/ pkr fluid. Pressure test csg to 1500 psi for 1 hr. Good test. RDMOSU. READY FOR MIT!! **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$29,855

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**9/19/2012 Day: 4**

**Conversion**

Rigless on 9/19/2012 - Conduct initial MIT - On 09/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/14/2012 the casing was pressured up to 1460 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was not a State representative available to witness the test. - On 09/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/14/2012 the casing was pressured up to 1460 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was not a State representative available to witness the test. - On 09/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/14/2012 the casing was pressured up to 1460 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was not a State representative available to witness the test. - On 09/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/14/2012 the casing was pressured up to 1460 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was not a State representative available to witness the test. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$132,780

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**Pertinent Files: [Go to File List](#)**

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-74392
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Water Injection Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> FEDERAL 9-21-9-16
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43013331450000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2303 FSL 0582 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 21 Township: 09.0S Range: 16.0E Meridian: S		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/5/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Put on Injection"/>

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

The above reference well was put on injection at 9:45 AM on  
10/05/2012.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
October 09, 2012**

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/8/2012	

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-74392

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
FEDERAL 9-21-9-16

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301333145

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: NESE, 21, T9S, R16E

STATE: UT

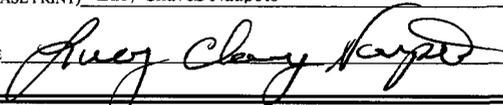
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: 09/24/2009	<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 09-02-09, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Production Tech

SIGNATURE  DATE 09/24/2009

(This space for State use only)

**RECEIVED**  
**SEP 28 2009**  
DIV. OF OIL, GAS & MINING

**Daily Activity Report**

Format For Sundry

**FEDERAL 9-21-9-16****7/1/2009 To 11/30/2009****8/21/2009 Day: 1****Completion**

Rigless on 8/21/2009 - Ran CBL & perf'd stage #1. - Install 5M frac head & NU Weatherford Cameron single blind BOP. RU HO trk & pressure test casing, wellhead, casing valves & blind rams to 4500 psi. RU Perforators LLC WLT & mast. Run CBL under pressure f/ WLTD of 5793' to sfc. Found cmt top @ 120'. Perforate stage #1, CP3 sds @ 5542-5548' W/ 3 1/8" slick gun (19 gm charge, .49" EH, 21.92" pen, 120° phasing & 3 JSPF). RD WLT. SIFN W/ est 139 BWTR.

**Daily Cost:** \$0**Cumulative Cost:** \$12,750**8/26/2009 Day: 2****Completion**

Rigless on 8/26/2009 - Frac 1 stg. - RU Phoenix Surverys inc WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug & 5', 4', 2' perf guns. Set plug @ 4750'. Perforate C sds @ 4694-99', D3 sds @ 4636-40' & D1 sds @ 4559-61' w/ 3 1/8" Slick Guns (.34"EH, 16 gram, 120°, 21.00" pen., TAG-3375-311SL) w/ 3 spf for total of 33 shots. RU BJ Services. 325 psi on well. Broke @ 1878 psi, ISIP @ 751 psi. FG @ .60. Frac C/D3/D1 sds w/ 111,451#'s of 20/40 sand in 780 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2453 psi w/ ave rate of 46 BPM. ISIP 1573 psi. FG. @ .77. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 3 hrs & died. Recovered 400 BWTR. SWIFN. 2033 BWTR. - RU Phoenix Surverys inc WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug & 5', 4', 2' perf guns. Set plug @ 4750'. Perforate C sds @ 4694-99', D3 sds @ 4636-40' & D1 sds @ 4559-61' w/ 3 1/8" Slick Guns (.34"EH, 16 gram, 120°, 21.00" pen., TAG-3375-311SL) w/ 3 spf for total of 33 shots. RU BJ Services. 325 psi on well. Broke @ 1878 psi, ISIP @ 751 psi. FG @ .60. Frac C/D3/D1 sds w/ 111,451#'s of 20/40 sand in 780 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2453 psi w/ ave rate of 46 BPM. ISIP 1573 psi. FG. @ .77. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 3 hrs & died. Recovered 400 BWTR. SWIFN. 2033 BWTR. - RU Phoenix Surverys inc WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug & 6' perf gun. Set plug @ 4870'. Perforate B2 sds @ 4811-17' w/ 3 1/8" Slick Guns (.34"EH, 16 gram, 120°, 21.00" pen., TAG-3375-311SL) w/ 3 spf for total of 18 shots. RU BJ Services. 1370 psi on well. Broke @ 3991 psi, ISIP @ 2000 psi, 1 min @ 1892 psi, 4 min @ 1782 psi. FG @ .85. Frac B2 sds w/ 25,293#'s of 20/40 sand in 360 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2480 psi w/ ave rate of 22.1 BPM. ISIP 2013 psi, 5 min @ 1631 psi, 10 min @ 1495 psi, 15 min @ 1387 psi. FG. @ .85. Leave pressure on well. 1653 BWTR - RU BJ Services. 20 psi on well. Broke @ 3445 psi. ISIP @ 1234 psi, 1 hr @ 688 psi. FG @ .66. Frac CP3 sds w/ 15,136#'s of 20/40 sand in 294 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2149 psi w/ ave rate of 21.8 BPM. ISIP 1714 psi, 5 min @ 1612 psi, 10 min @ 1557 psi, 15 min @ 1550 psi. FG @ .74. Leave pressure on well. 433 BWTR. - RU BJ Services. 515 psi on well. Broke @ 2018 psi. ISIP @ 803 psi, 1 min @ 755 psi, 4 min @ 716 psi. FG @ .60. Frac A3 sds w/ 115,669#'s of 20/40 sand in 860 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2430 psi w/ ave rate of 35.5 BPM. ISIP 2241 psi, 5 min @ 2206 psi, 10 min @ 2121 psi, 15 min @ 2018 psi. FG @ .89. Leave pressure on well. 1293 BWTR. - RU BJ Services. 515 psi on well. Broke @ 2018 psi. ISIP @ 803 psi, 1 min @ 755 psi, 4 min @ 716 psi. FG @ .60. Frac A3 sds w/ 115,669#'s of 20/40 sand in 860 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2430 psi w/ ave rate of 35.5 BPM. ISIP 2241 psi, 5 min @ 2206 psi, 10 min @ 2121 psi, 15 min @ 2018 psi. FG @ .89. Leave pressure on well. 1293 BWTR. - RU Phoenix Surverys inc WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite

flow through frac plug & 6', 2', 2' perf guns. Set plug @ 5030'. Perforate A3 sds @ 4958-64', 4948-50' & 4939-41' w/ 3 1/8" Slick Guns (.34"EH, 16 gram, 120°, 21.00¢ pen., TAG-3375-311SL) w/ 3 spf for total of 30 shots. - RU Phoenix Surverys inc WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug & 6', 2', 2' perf guns. Set plug @ 5030'. Perforate A3 sds @ 4958-64', 4948-50' & 4939-41' w/ 3 1/8" Slick Guns (.34"EH, 16 gram, 120°, 21.00¢ pen., TAG-3375-311SL) w/ 3 spf for total of 30 shots. - RU BJ Services. 20 psi on well. Broke @ 3445 psi. ISIP @ 1234 psi, 1 hr @ 688 psi. FG @ .66. Frac CP3 sds w/ 15,136#'s of 20/40 sand in 294 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2149 psi w/ ave rate of 21.8 BPM. ISIP 1714 psi, 5 min @ 1612 psi, 10 min @ 1557 psi, 15 min @ 1550 psi. FG @ .74. Leave pressure on well. 433 BWTR. - RU Phoenix Surverys inc WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug & 6' perf gun. Set plug @ 4870'. Perforate B2 sds @ 4811-17' w/ 3 1/8" Slick Guns (.34"EH, 16 gram, 120°, 21.00¢ pen., TAG-3375-311SL) w/ 3 spf for total of 18 shots. RU BJ Services. 1370 psi on well. Broke @ 3991 psi, ISIP @ 2000 psi, 1 min @ 1892 psi, 4 min @ 1782 psi. FG @ .85. Frac B2 sds w/ 25,293#'s of 20/40 sand in 360 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2480 psi w/ ave rate of 22.1 BPM. ISIP 2013 psi, 5 min @ 1631 psi, 10 min @ 1495 psi, 15 min @ 1387 psi. FG. @ .85. Leave pressure on well. 1653 BWTR

**Daily Cost:** \$0

**Cumulative Cost:** \$16,525

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**9/2/2009 Day: 6**

**Completion**

NC #2 on 9/2/2009 - Swab well - Open well. TBG 0 psi. CSG 0 psi. TIH w/ 20 jts tbg to put EOT @ 5780'. RU swab. RIH w/ swab to tag IFL @ 1000'. Swab well. Make 42 swab runs. Recover 60 bbls oil & 318 bw w/ good gas. Still making sand. FFL @ 1500'. SDFN - Open well. TBG 0 psi. CSG 0 psi. TIH w/ 20 jts tbg to put EOT @ 5780'. RU swab. RIH w/ swab to tag IFL @ 1000'. Swab well. Make 42 swab runs. Recover 60 bbls oil & 318 bw w/ good gas. Still making sand. FFL @ 1500'. SDFN - Open well. TBG 0 psi. CSG 0 psi. TIH w/ 20 jts tbg to put EOT @ 5780'. RU swab. RIH w/ swab to tag IFL @ 1000'. Swab well. Make 42 swab runs. Recover 60 bbls oil & 318 bw w/ good gas. Still making sand. FFL @ 1500'. SDFN - Open well. TBG 150 psi. CSG 150 psi. RIH w/ swab to tag fluid. Tag IFL @ 1500'. Make 19 swab runs to recover 130 bw. 40 bbls oil. Good gas. Still bringing sand. FFL @ 1800'. Was decided to TIH w/ tbg to tag fill. Tag fill @ 5808'. 40' of new fill. Clean out to PBD @ 5848'. LD excess tbg. TOOH w/ 176 jts tbg. LD bit & bit sub. MU btm hole assembly. TIH w/ production tbg detail as follows. NC, 2 jts tbg, PSN, 1 jt tbg, TAC, & 173 jts tbg. SDFN - Open well. TBG 150 psi. CSG 150 psi. RIH w/ swab to tag fluid. Tag IFL @ 1500'. Make 19 swab runs to recover 130 bw. 40 bbls oil. Good gas. Still bringing sand. FFL @ 1800'. Was decided to TIH w/ tbg to tag fill. Tag fill @ 5808'. 40' of new fill. Clean out to PBD @ 5848'. LD excess tbg. TOOH w/ 176 jts tbg. LD bit & bit sub. MU btm hole assembly. TIH w/ production tbg detail as follows. NC, 2 jts tbg, PSN, 1 jt tbg, TAC, & 173 jts tbg. SDFN - Open well. TBG 150 psi. CSG 150 psi. RIH w/ swab to tag fluid. Tag IFL @ 1500'. Make 19 swab runs to recover 130 bw. 40 bbls oil. Good gas. Still bringing sand. FFL @ 1800'. Was decided to TIH w/ tbg to tag fill. Tag fill @ 5808'. 40' of new fill. Clean out to PBD @ 5848'. LD excess tbg. TOOH w/ 176 jts tbg. LD bit & bit sub. MU btm hole assembly. TIH w/ production tbg detail as follows. NC, 2 jts tbg, PSN, 1 jt tbg, TAC, & 173 jts tbg. SDFN - Open well. TBG 150 psi. CSG 150 psi. RIH w/ swab to tag fluid. Tag IFL @ 1500'. Make 19 swab runs to recover 130 bw. 40 bbls oil. Good gas. Still bringing sand. FFL @ 1800'. Was decided to TIH w/ tbg to tag fill. Tag fill @ 5808'. 40' of new fill. Clean out to PBD @ 5848'. LD excess tbg. TOOH w/ 176 jts tbg. LD bit & bit sub. MU btm hole assembly. TIH w/ production tbg detail as follows. NC, 2 jts tbg, PSN, 1 jt tbg, TAC, & 173 jts tbg. SDFN - Open well. TBG 150 psi. CSG 150 psi. RIH w/ swab to tag fluid. Tag IFL @ 1500'. Make 19 swab runs to recover 130 bw. 40 bbls oil. Good gas. Still bringing sand. FFL @ 1800'. Was decided to TIH w/ tbg to tag fill. Tag fill @ 5808'. 40' of new fill. Clean out to PBD @ 5848'. LD excess tbg. TOOH w/ 176 jts tbg.

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Tag fill @ 4868'. Clean out to plug @ 4870'. Drill up CBP in 40 minutes. Cont to pick up tbg to tag fill. Tag fill @ 5029'. Clean out to plug @ 5030'. Drill up CBP in 45 minutes (lost 350 bw w/ drilling out last 2 plugs). Cont to pick up tbg to tag fill. Tag fill @ 5649'. 200' of fill. Clean out fill to csg pbsd @ 5848'. Circulate clean. TOOH w/ 20 jts tbg. SDFN Est wtr lost 350 bw - Open well. TBG 0 psi. CSG 0 psi. Cont pick up tbg to tag fill. Tag fill on top of first plug @ 4325'. Clean out to plug @ 4750'. Drill up CBP in 25 minutes. Cont to pick up tbg to tag fill. Tag fill @ 4868'. Clean out to plug @ 4870'. Drill up CBP in 40 minutes. Cont to pick up tbg to tag fill. Tag fill @ 5029'. Clean out to plug @ 5030'. Drill up CBP in 45 minutes (lost 350 bw w/ drilling out last 2 plugs). Cont to pick up tbg to tag fill. Tag fill @ 5649'. 200' of fill. Clean out fill to csg pbsd @ 5848'. Circulate clean. TOOH w/ 20 jts tbg. SDFN Est wtr lost 350 bw - Open well. TBG 0 psi. CSG 0 psi. 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**Finalized****Daily Cost:** \$0**Cumulative Cost:** \$354,181

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**Pertinent Files: Go to File List**



April 6, 2006

State of Utah  
Division of Oil, Gas & Mining  
Attn: Diana Whitney  
1594 West North Temple - Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Federal 9-21-9-16, 11-21-9-16, 12-21-9-16,  
13-21-9-16, and 14-21-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 9-21-9-16 and 11-21-9-16 are Exception Locations. Our Land Department will send you the required Exception Location Letter. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

  
Mandie Crozier  
Regulatory Specialist

mc  
enclosures

**RECEIVED**  
**APR 07 2006**  
**DIV. OF OIL, GAS & MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-74392
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 9-21-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/SE 2247' FSL 756' FEL 575369 X 40.015254 At proposed prod. zone 4429614Y -110.116874		9. API Well No. 4301333145
14. Distance in miles and direction from nearest town or post office* Approximatley 24.2 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. 393' f/lse. NA f/unit		11. Sec., T., R., M., or Blk. and Survey or Area NE/SE Sec. 21, T9S R16E
16. No. of Acres in lease 2080.00		12. County or Parish Duchesne
17. Spacing Unit dedicated to this well 40 Acres		13. State UT
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1309'		19. Proposed Depth 5960'
20. BLM/BIA Bond No. on file UTB000192		21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5970' GL
22. Approximate date work will start* 2nd Quarter 2006		23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 4/6/06
Title Regulatory Specialist		
Approved by Signature 	Name (Printed/Typed) BRADLEY G. HILL	Date 06-08-06
Title OFF ENVIRONMENTAL MANAGER		

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

Conditions of approval, if any, are attached.

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

\*(Instructions on reverse)

Federal Approval of 4/6/06

RECEIVED

APR 07 2006

DIV. OF OIL, GAS & MINING



# NEWFIELD



June 2, 2006

Utah Division of Oil, Gas & Mining  
P.O. Box 145801  
Attn: Diana Whitney  
Salt Lake City, Utah 84114-5801

Re: Exception Locations: (1) Federal 9-21-9-16  
2247' FSL, 756' FEL-NESE Sec 21  
Avoid Arch Site; (2) Federal 11-21-9-16  
1742' FSL, 2052' FWL-NESW Sec 21  
Avoid Drainage  
Duschene Cty., Utah; Lease UTU-74392

Dear Ms. Whitney:

Pursuant to Rule R649-3-3 of the Oil & Gas Rules and Regulations of the State of Utah, Newfield Production Company, Inc. hereby requests an exception location for the drilling of the captioned well. Rule R649-3-2 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 above referenced locations are exception locations under Rule 649-3-2, the 9-21-9-16 being 56' north of the drilling window tolerance for the NESE of Sec 21-T9S-R16E. The 11-21-9-16 is 34' south of the drilling window tolerance for the NESW of Sec 21-T9S-R16E. The attached plats depict the proposed drillsite locations and illustrate the deviation from the drilling window, in accordance with Rule R649-3-2. The requested locations have been selected to avoid an Arch site and to avoid a drainage.

Please note the locations are located on Federal lease UTU-74392. The drillsite lease and all surrounding acreage within a four hundred sixty foot (460') radius of the proposed location are owned by Newfield Production Company, Yates Petroleum Corporation, Yates Drilling Company, Myco Industries, Inc. and Abo Petroleum Corporation. We have contacted these owners and their consent to these locations are attached.

If you have any questions or need additional information please contact me at (303)-382-4448. Thank you for your assistance in this matter.

Sincerely,  
NEWFIELD PRODUCTION COMPANY

Laurie Deseau  
Properties Administrator

**RECEIVED**

**JUN 08 2006**

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

Exception Locations  
Federal 9-21-9-16  
Federal 11-21-9-16

Please be advised that Yates Petroleum Corporation, Yates Drilling Company, Myco Industries, Inc. and Abo Petroleum Corporation do not have an objection to the proposed locations of the aforementioned wells.

By:  \_\_\_\_\_

Date: May 18, 2006

Ernest L. Carroll, Senior Landman  
Print Name and Title

NEWFIELD PRODUCTION COMPANY  
FEDERAL #9-21-9-16  
NE/SE SECTION 21, T9S, 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' – 2500'
Green River	2500'
Wasatch	5960'

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

Green River Formation 2500' – 5960' - 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 #9-21-9-16  
NE/SE SECTION 21, T9S, 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 #9-21-9-16 located in the NE 1/4 SE 1/4 Section 21, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southwesterly - 10.9 miles  $\pm$  to its junction with an existing road to the northeast; proceed northeasterly and then southwesterly - 10.1 miles  $\pm$  to its junction with an existing road to the southeast; proceed southeasterly and then northeasterly - 1.6 miles  $\pm$  to its junction with the beginning of the proposed access road; proceed along the proposed access road - 100'  $\pm$  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**

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 #05-240, 7/25/05. Paleontological Resource Survey prepared by. Wade E. Miller, 11/10/05. See attached report cover pages, Exhibit "D".

For the Federal #9-21-9-16 Newfield Production Company requests 100' of disturbed area be granted in Lease UTU-74392 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed 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 100' of disturbed area be granted in Lease UTU-74392 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. 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 100' of disturbed area be granted in Lease UTU-74392 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

**Water Disposal**

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

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

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

**Mountain Plover:** If new construction or surface disturbing activities are scheduled to occur between May 1 and June 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of

mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities will be allowed between March 15 and August 15 within a 0.5 mile radius of any documented mountain plover nest site.

**Reserve Pit Liner**

A 12 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)

Western Wheatgrass	<i>Pascopyrum Smithii</i>	6 lbs/acre
Galletta Grass	<i>Hilaria Jamesii</i>	6 lbs /acre

**Details of the On-Site Inspection**

The proposed Federal #9-21-9-16 was on-sited on 2/24/05. The following were present; Shon Mckinnon (Newfield Production), Chris Carusona (Bureau of Land Management), and Brandon McDonald (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

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

Representative

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

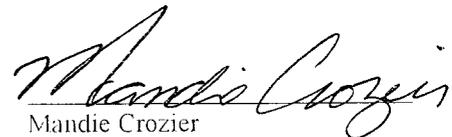
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #9-21-9-16 NE/SE Section 21, Township 9S, Range 16E: Lease UTU-74392 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 Hartford Accident #4488944.

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

4/6/06

Date

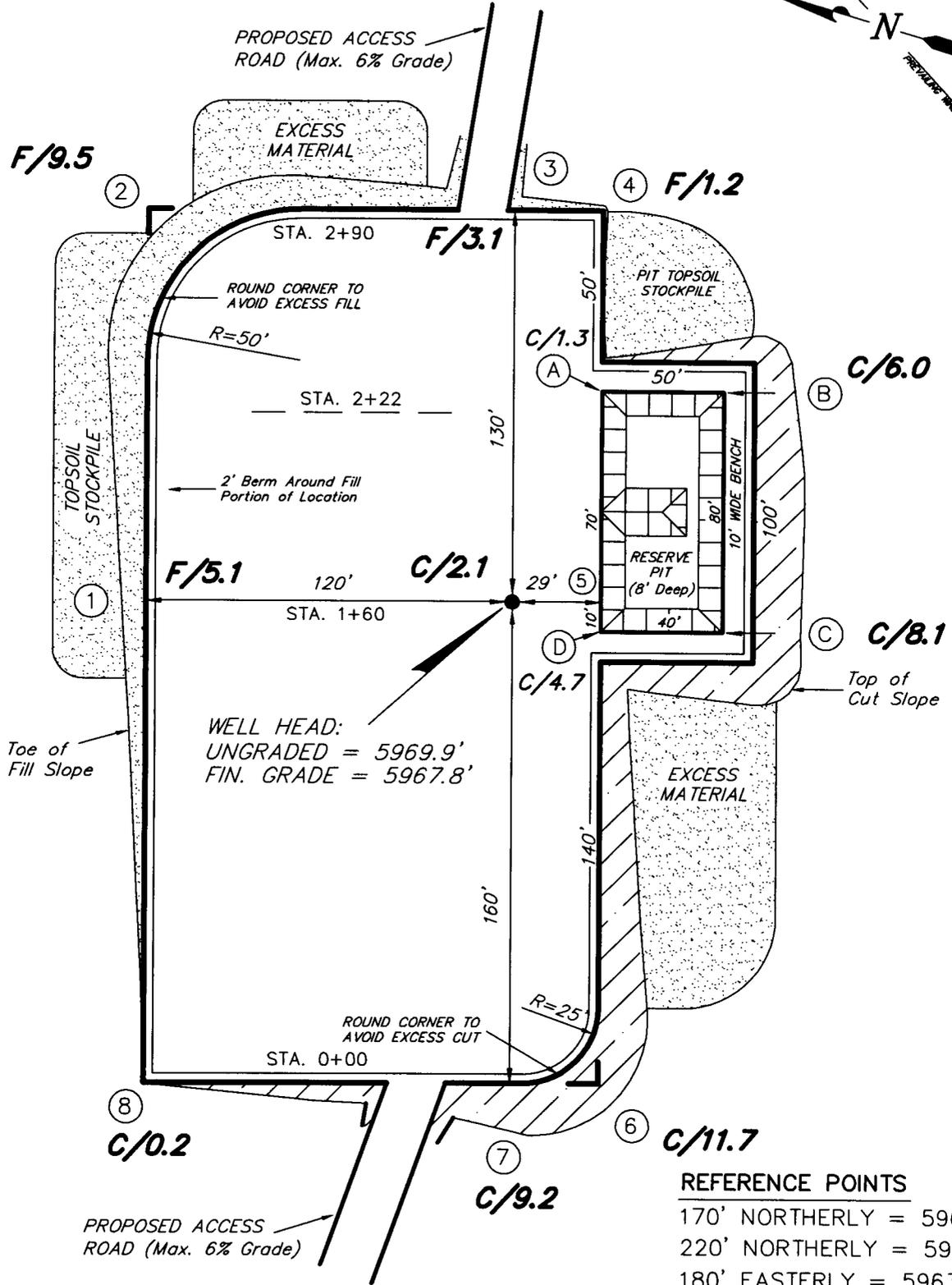
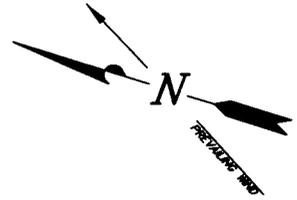


Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

# NEWFIELD PRODUCTION COMPANY

9 MILE 9-21-9-16

Section 21, T9S, R16E, S.L.B.&M.



**REFERENCE POINTS**

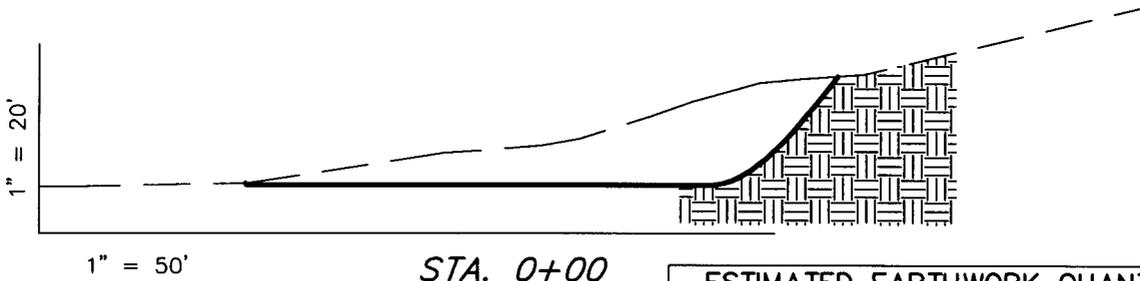
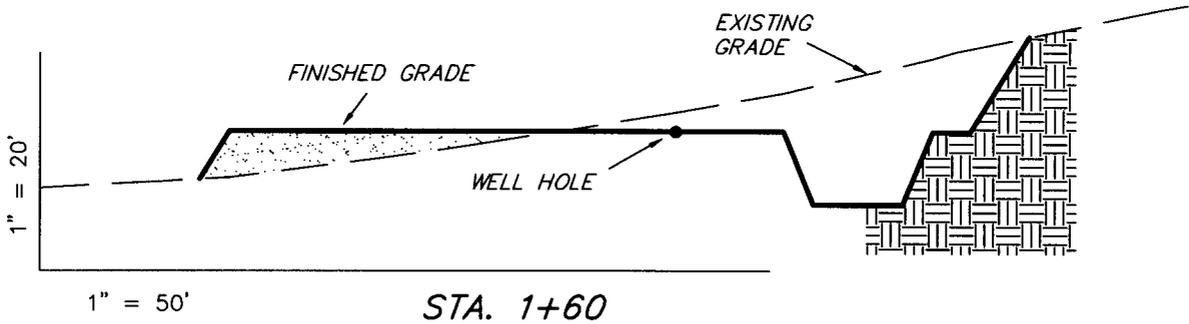
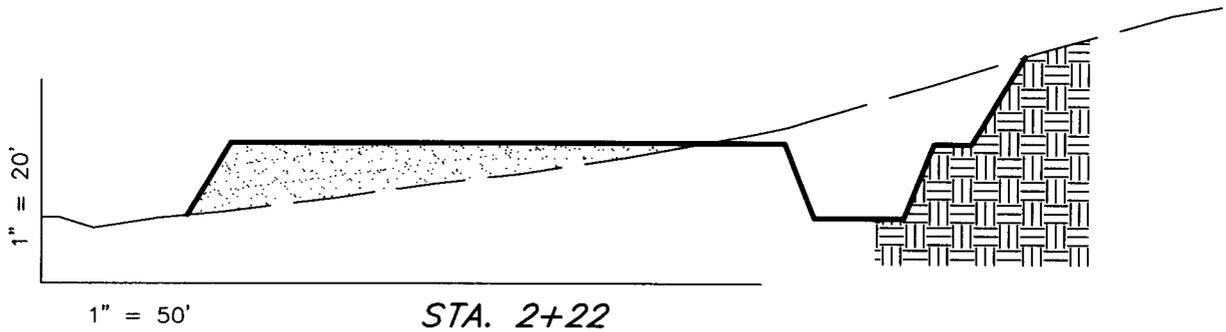
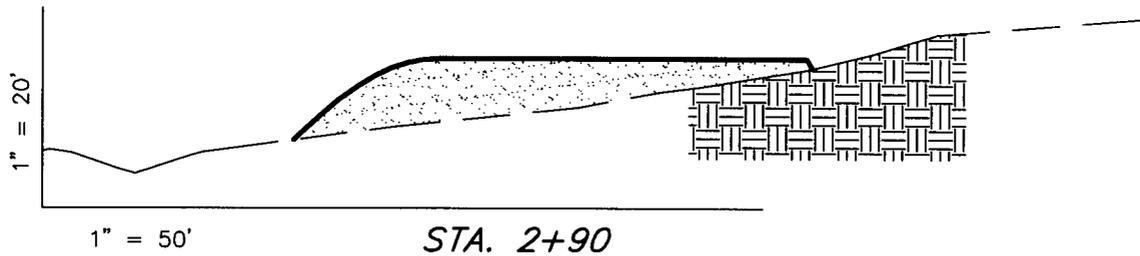
- 170' NORTHERLY = 5961.6'
- 220' NORTHERLY = 5962.7'
- 180' EASTERLY = 5963.7'
- 230' EASTERLY = 5962.6'

SURVEYED BY: C.M.	SCALE: 1" = 50'	<b>Tri State</b> Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078 (435) 781-2501
DRAWN BY: M.W.	DATE: 3-21-06	

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS

9 MILE 9-21-9-16



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	3,650	3,640	Topsoil is not included in Pad Cut	10
PIT	640	0		640
TOTALS	4,290	3,640	1,050	650

SURVEYED BY: C.M.

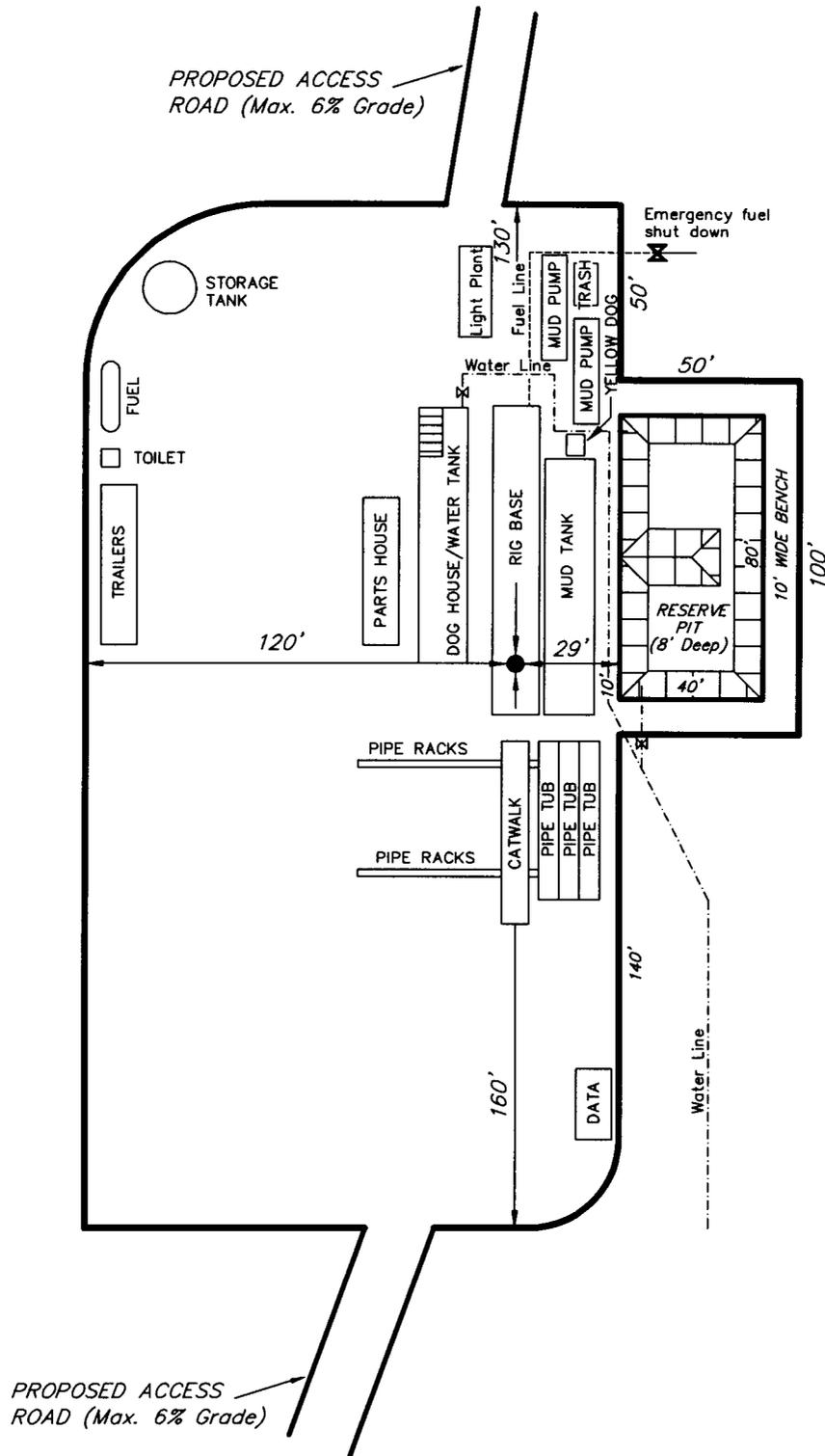
SCALE: 1" = 50'

DRAWN BY: M.W.

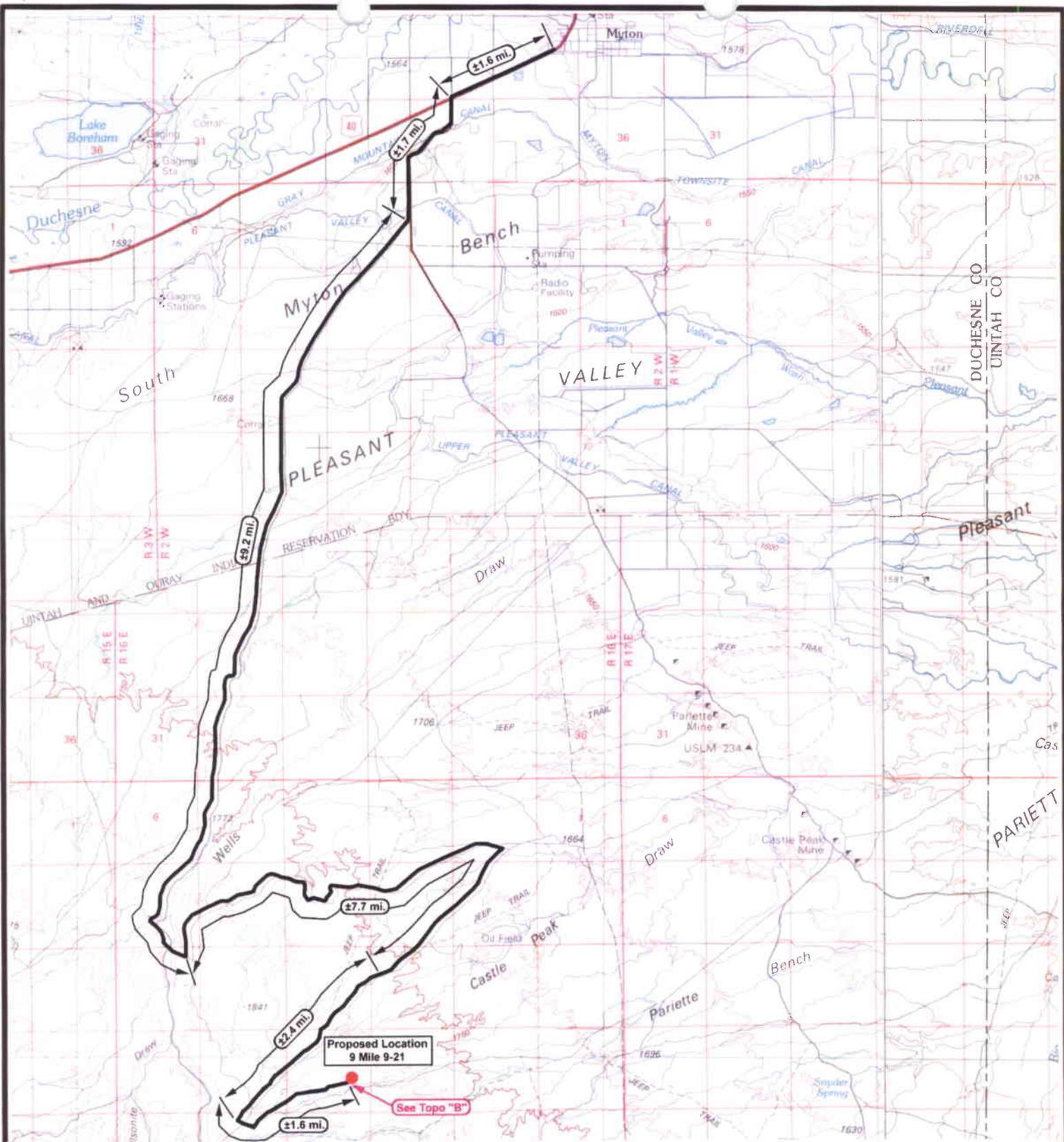
DATE: 3-21-06

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

**NEWFIELD PRODUCTION COMPANY**  
**TYPICAL RIG LAYOUT**  
**9 MILE 9-21-9-16**



SURVEYED BY: C.M.	SCALE: 1" = 50'	<b>Tri State</b> Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078 (435) 781-2501
DRAWN BY: M.W.	DATE: 3-21-06	



Proposed Location  
9 Mile 9-21

See Topo "B"

**NEWFIELD**  
Exploration Company

**9 Mile 9-21-9-16**  
**SEC. 21, T9S, R16E, S.L.B.&M.**



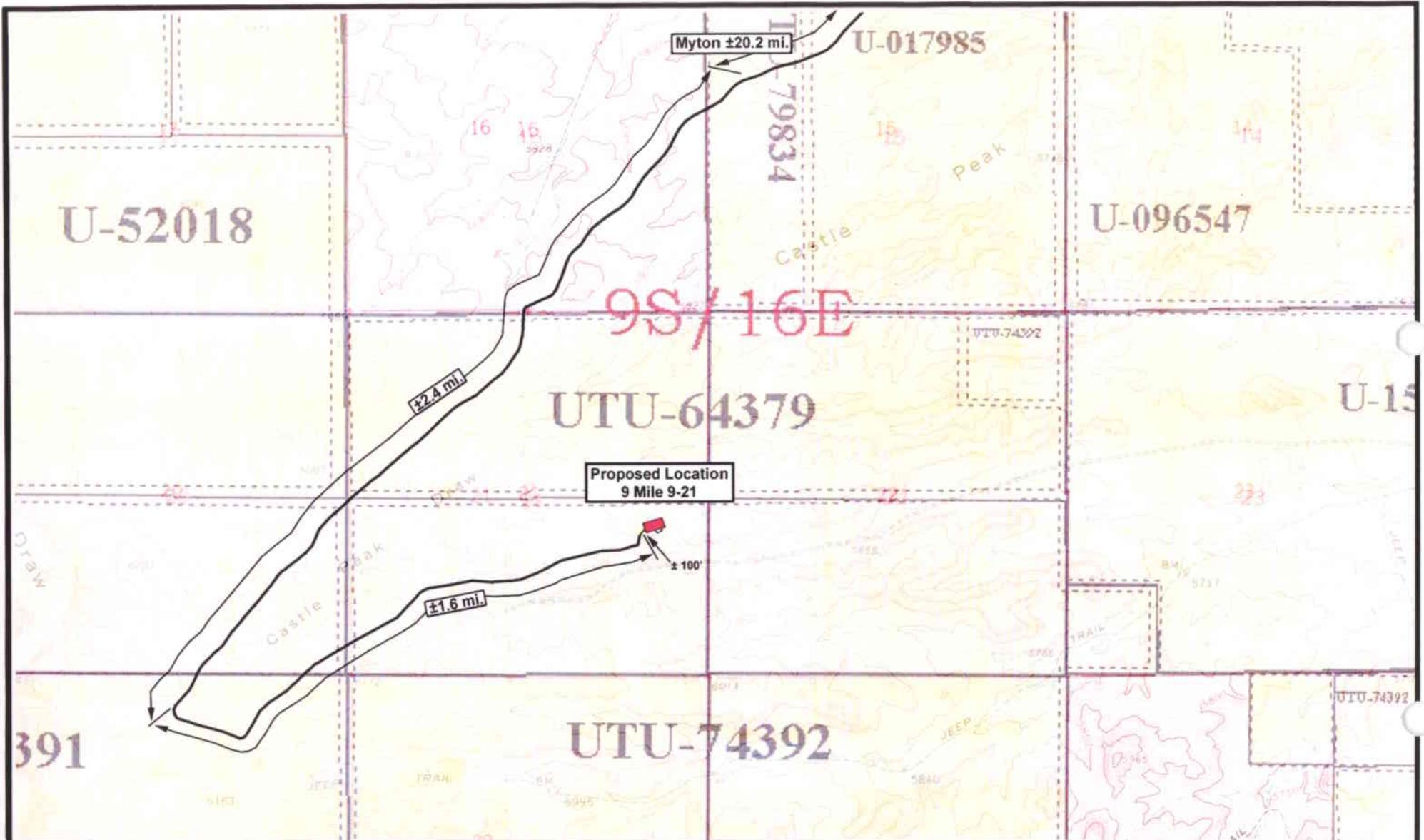
**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000  
DRAWN BY: mw  
DATE: 03-09-2006

**Legend**

Existing Road

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



**NEWFIELD**  
Exploration Company

**9 Mile 9-21-9-16**  
**SEC. 21, T9S, R16E, S.L.B.&M.**

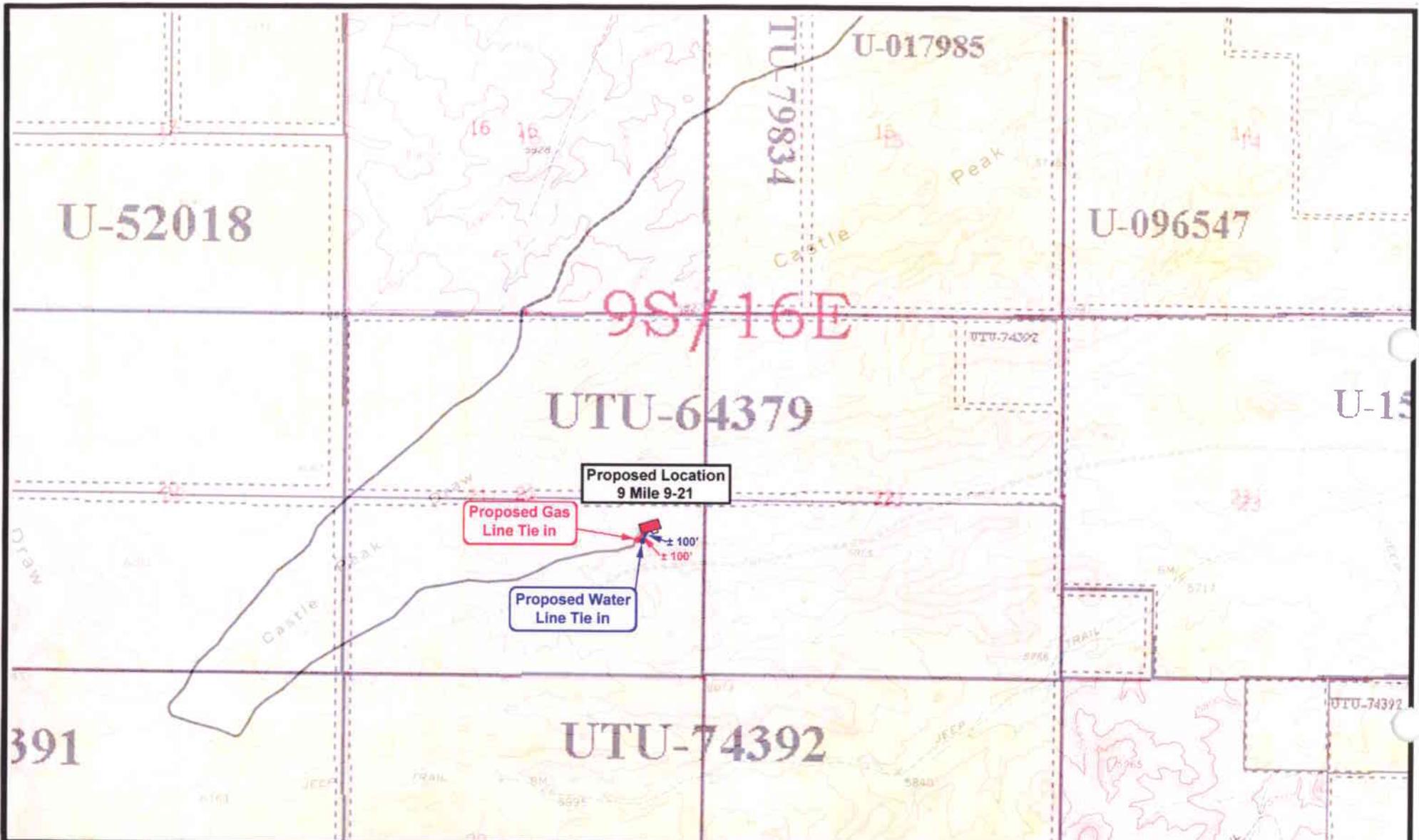
**Tri-State**  
*Land Surveying Inc.*  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 03-09-2006

**Legend**

- Existing Road
- Proposed Access

**TOPOGRAPHIC MAP**  
**"B"**



**NEWFIELD**  
Exploration Company

**9 Mile 9-21-9-16**  
**SEC. 21, T9S, R16E, S.L.B.&M.**

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

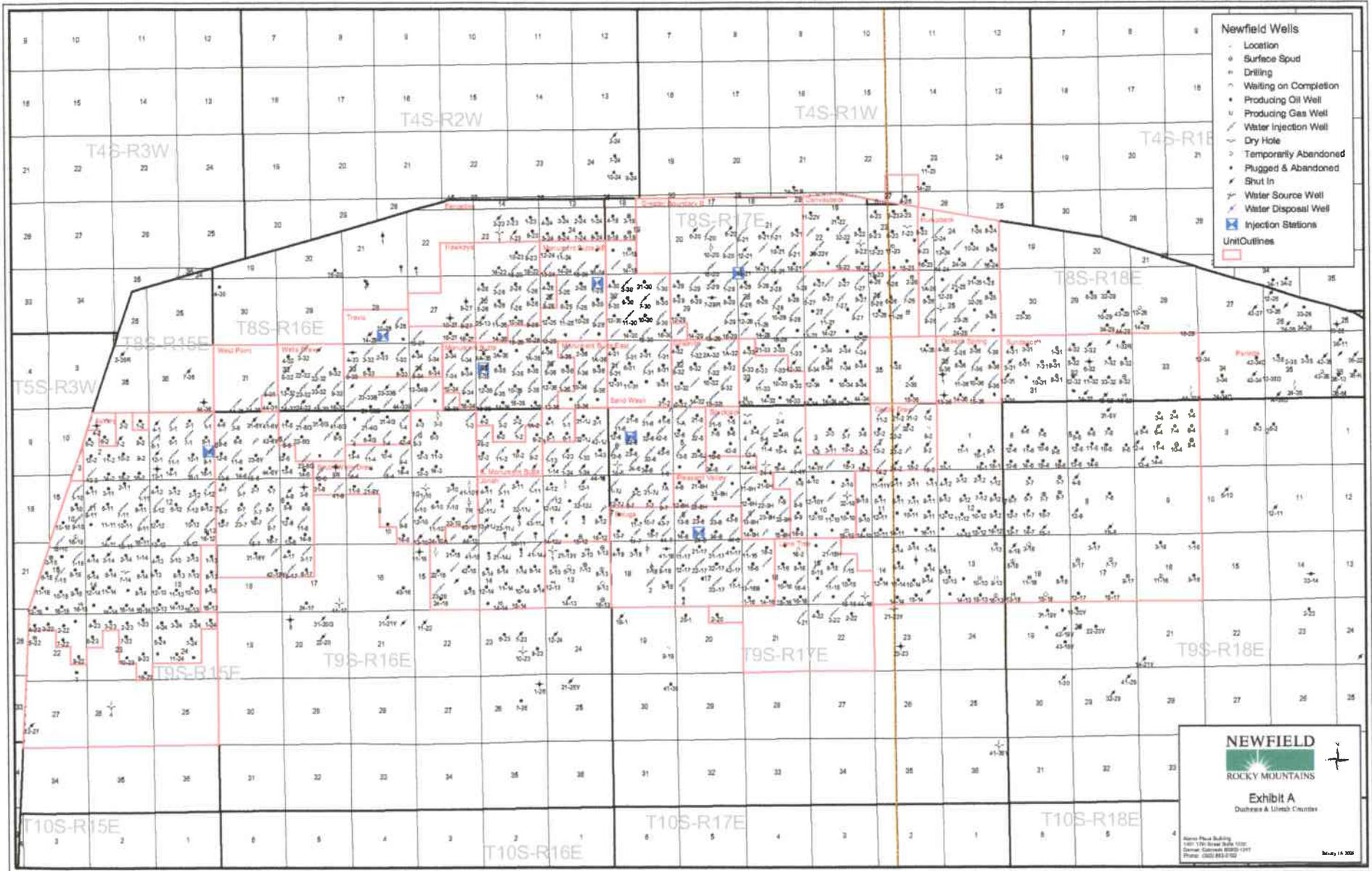
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DATE: 03-09-2006

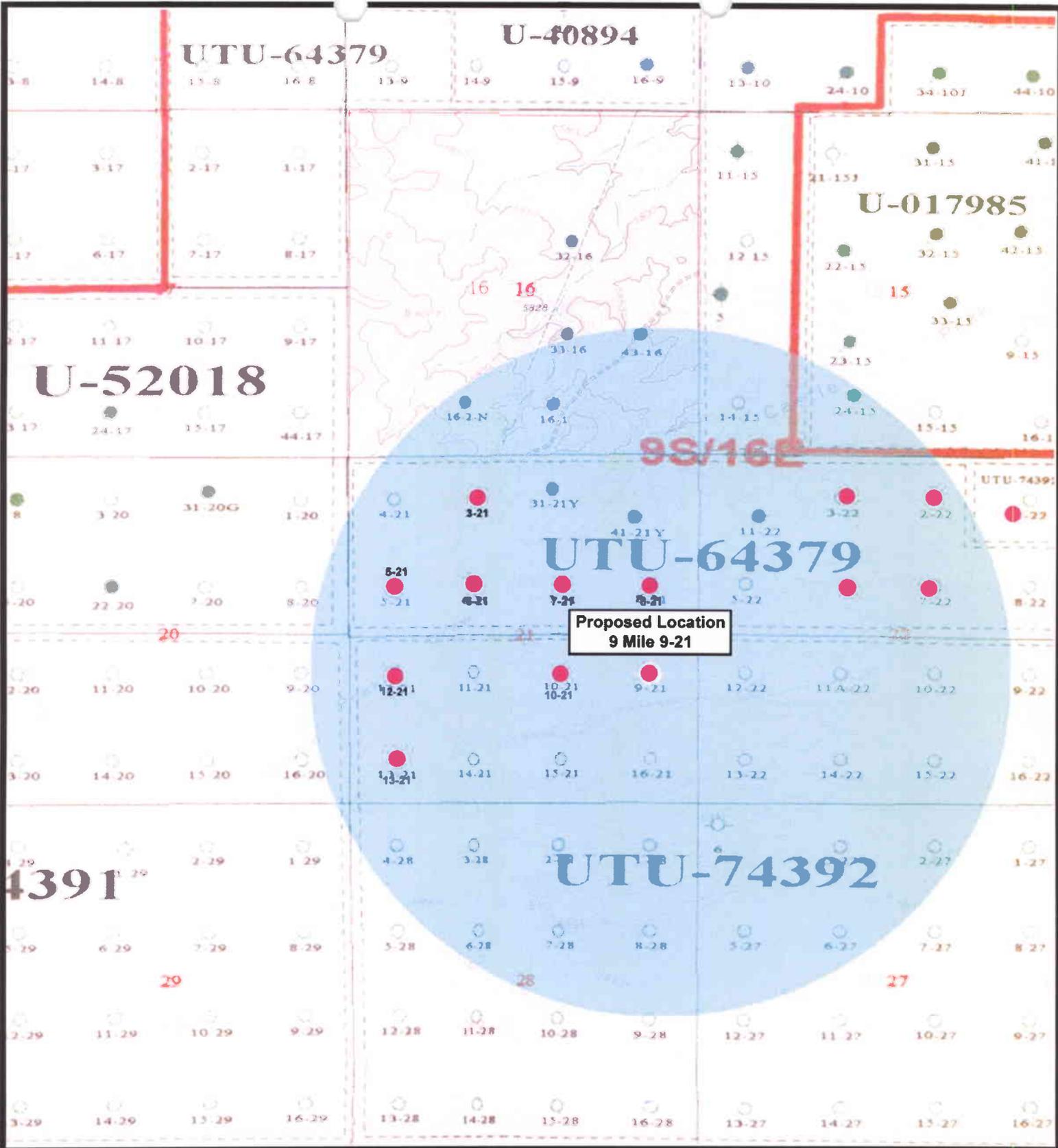
**Legend**

- Roads
- Proposed Gas Line
- Proposed Water Line

**TOPOGRAPHIC MAP**

**"C"**





**Proposed Location  
9 Mile 9-21**

 **NEWFIELD**  
Exploration Company

**9 Mile 9-21-9-16**  
**SEC. 21, T9S, 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: 03-21-2006

**Legend**

- Well Locations
- One-Mile Radius

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

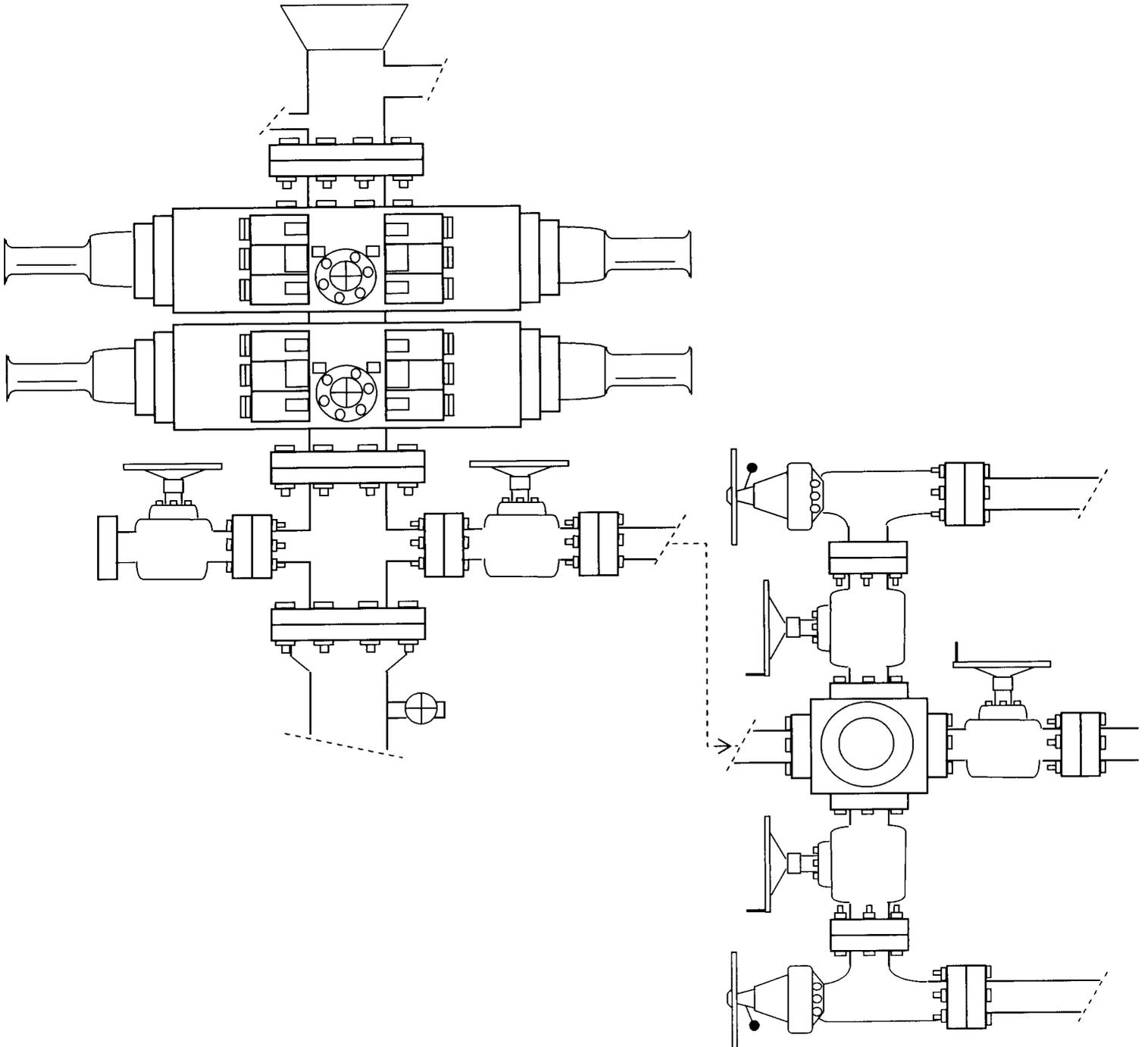


EXHIBIT C

Exhibit "D"  
Page 1 of 2

CULTURAL RESOURCE INVENTORY OF  
NEWFIELD EXPLORATION'S BLOCK PARCEL  
IN TOWNSHIP 9S, RANGE 16E, SECTION 21 and 22,  
DUCHESNE COUNTY, UTAH

By:

Katie Simon

Prepared For:

Bureau fo 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 147  
Moab, Utah 84532

MOAC Report No. 05-240

July 25, 2005

United States Department of Interior (FLPMA)  
Permit No. 05-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-05-MQ-0709b

**NEWFIELD PRODUCTION COMPANY**

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED  
PRODUCTION DEVELOPMENT AREAS,  
DUCHESNE COUNTY, UTAH**

Section 8, T 9 S, R 16 E [SW 1/4 & SE 1/4, NE 1/4; and SE 1/4]; Section 17, T 9 S, R 16 E [NE 1/4; NE 1/4, NW 1/4 & SW 1/4, SE 1/4; NE 1/4, NW 1/4, & SW 1/4, SW 1/4]; Section 19, T 9 S, R 16 E [entire section]; Section 20, T 9 S, R 16 E [excluding NW 1/4, NE 1/4; and NW 1/4 & SE 1/4, NW 1/4]; Section 21, T 9 S, R 16 E [excluding NE 1/4 & NW 1/4, NE 1/4]

**REPORT OF SURVEY**

Prepared for:

**Newfield Production Company**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
November 10, 2005

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 04/07/2006

API NO. ASSIGNED: 43-013-33145

WELL NAME: FEDERAL 9-21-9-16  
 OPERATOR: NEWFIELD PRODUCTION ( N2695 )  
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NESE 21 090S 160E  
 SURFACE: 2247 FSL 0756 FEL  
 BOTTOM: 2247 FSL 0756 FEL  
 COUNTY: DUCHESNE  
 LATITUDE: 40.01525 LONGITUDE: -110.1169  
 UTM SURF EASTINGS: 575369 NORTHINGS: 4429614  
 FIELD NAME: MONUMENT BUTTE ( 105 )

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

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-74392  
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UTB000192 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. MUNICIPAL )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

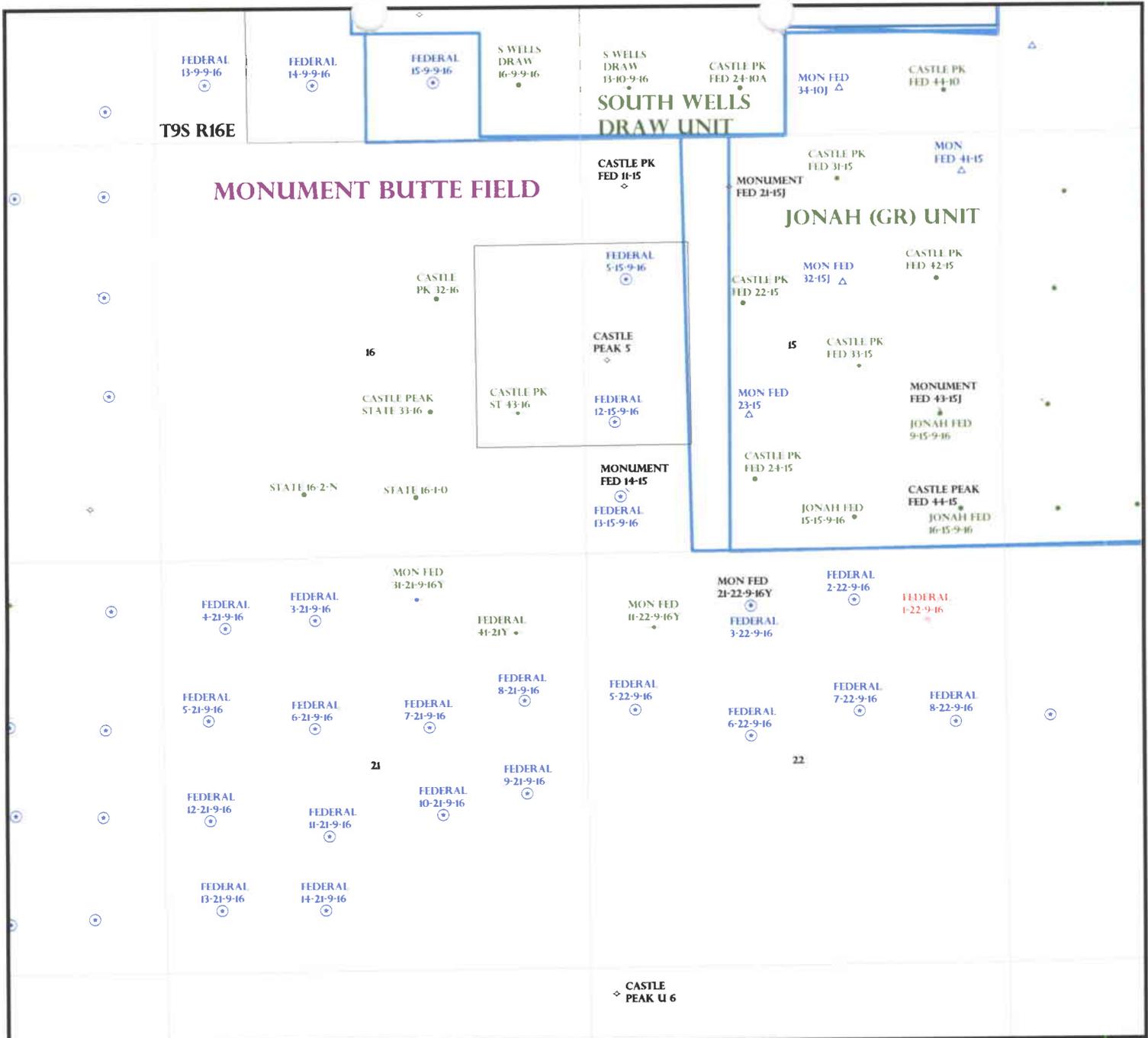
- R649-2-3.
- Unit: \_\_\_\_\_
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_
- R649-3-11. Directional Drill

COMMENTS:

*See Separate file*

STIPULATIONS:

*1- Federal Approval  
2 Spacing Strip*



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 21 T. 9S R. 16E

FIELD: MONUMENT FIELD (105)

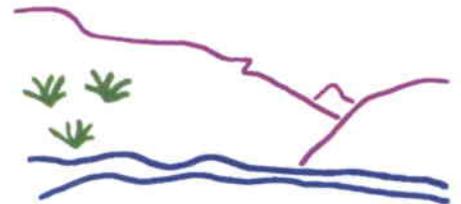
COUNTY: DUCHESNE

SPACING: R649-3-3 / EXCEPTION LOCATION

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

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

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



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 13-APRIL-2006



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

June 8, 2006

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

Re: Federal 9-21-9-16 Well, 2247' FSL, 756' FEL, NE SE, Sec. 21, T. 9 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 43-013-33145.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

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

**Operator:** Newfield Production Company  
**Well Name & Number** Federal 9-21-9-16  
**API Number:** 43-013-33145  
**Lease:** UTU-74392

**Location:** NE SE                      **Sec.** 21                      **T.** 9 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 Dan Jarvis at (801) 538-5338

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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.  
**UTU-74392**

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

7. If Unit or CA, Agreement Designation  
**N/A**

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
**FEDERAL 9-21-9-16**

9. API Well No.  
**43-013-33145**

2. Name of Operator  
**NEWFIELD PRODUCTION COMPANY**

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

3. Address and Telephone No.  
**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

11. County or Parish, State  
**DUCHESNE COUNTY, UT.**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**2247 FSL 756 FEL NE/SE Section 21, T9S R16E**

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other Permit Extension
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 6/8/06 (expiration 6/8/07).

This APD has not been approved yet by the BLM.

Approved by the  
Utah Division of  
Oil, Gas and Mining

RECEIVED  
MAY 31 2007

DIV. OF OIL, GAS & MINING

Date: 05-30-07  
By: [Signature]

3-31-07  
RM

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

Signed Mandie Crozier Title Regulatory Specialist Date 5/29/2007  
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

CC: Utah DOGM

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

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

**API:** 43-013-33145  
**Well Name:** Federal 9-21-9-16  
**Location:** NE/SE Section 21, T9S R16E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 6/8/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes  No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes  No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes  No

Has the approved source of water for drilling changed? Yes  No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes  No

Is bonding still in place, which covers this proposed well? Yes  No

  
\_\_\_\_\_  
Signature

5/29/2007

\_\_\_\_\_  
Date

**Title:** Regulatory Specialist

**Representing:** Newfield Production Company

# NEWFIELD



Route #3 Box 3630  
Myton, Utah 84052  
(435) 646-4825, FAX: (435) 646-3031

March 3, 2008

Bureau of Land Management  
Attn: Michael Cutler  
170 South 500 East  
Vernal, Utah 84078-2799

RE: APD Amendment  
Federal 9-21-9-16

Dear Michael:

Since submission of the Federal 9-21-9-16, the proposed location was moved due to an Arch Site. Enclosed in a new top form page of the APD and a new plat page. The remainder of the APD will remain the same.

Sincerely,

A handwritten signature in black ink that reads "Mandie Crozier".

Mandie Crozier  
Regulatory Specialist

cc: State of Utah DOGM

enclosures

**RECEIVED**

**MAR 05 2008**

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

**UTU-74392**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**N/A**

8. Well Name and No.

**FEDERAL 9-21-9-16**

9. API Well No.

**43-013-33145**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UT.**

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

**NEWFIELD PRODUCTION COMPANY**

3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

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

**2247 FSL 756 FEL NE/SE Section 21, T9S R16E**

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

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other **APD Change**  
 Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-

ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**NEWFIELD**

Since submission of the Federal 9-21-9-16, the proposed location was moved due to an Arch Site. Enclosed in a new top form page of the APD and a new plat package.

The remainder of the APD will remain the same.

Approved by the  
Utah Division of  
Oil, Gas and Mining

COPY SENT TO OPERATOR

Date: 4-28-2008

Initials: KIS

2303' FSL  
582' FEL

575422X  
44296314  
40615405  
-110-116253

Date: 04-24-08

By: [Signature]

RECEIVED

MAR 05 2008

DIV. OF OIL, GAS & MINING

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

Signed

Mandie Crozier  
Mandie Crozier

Title

Regulatory Specialist

Date

3/3/2008

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

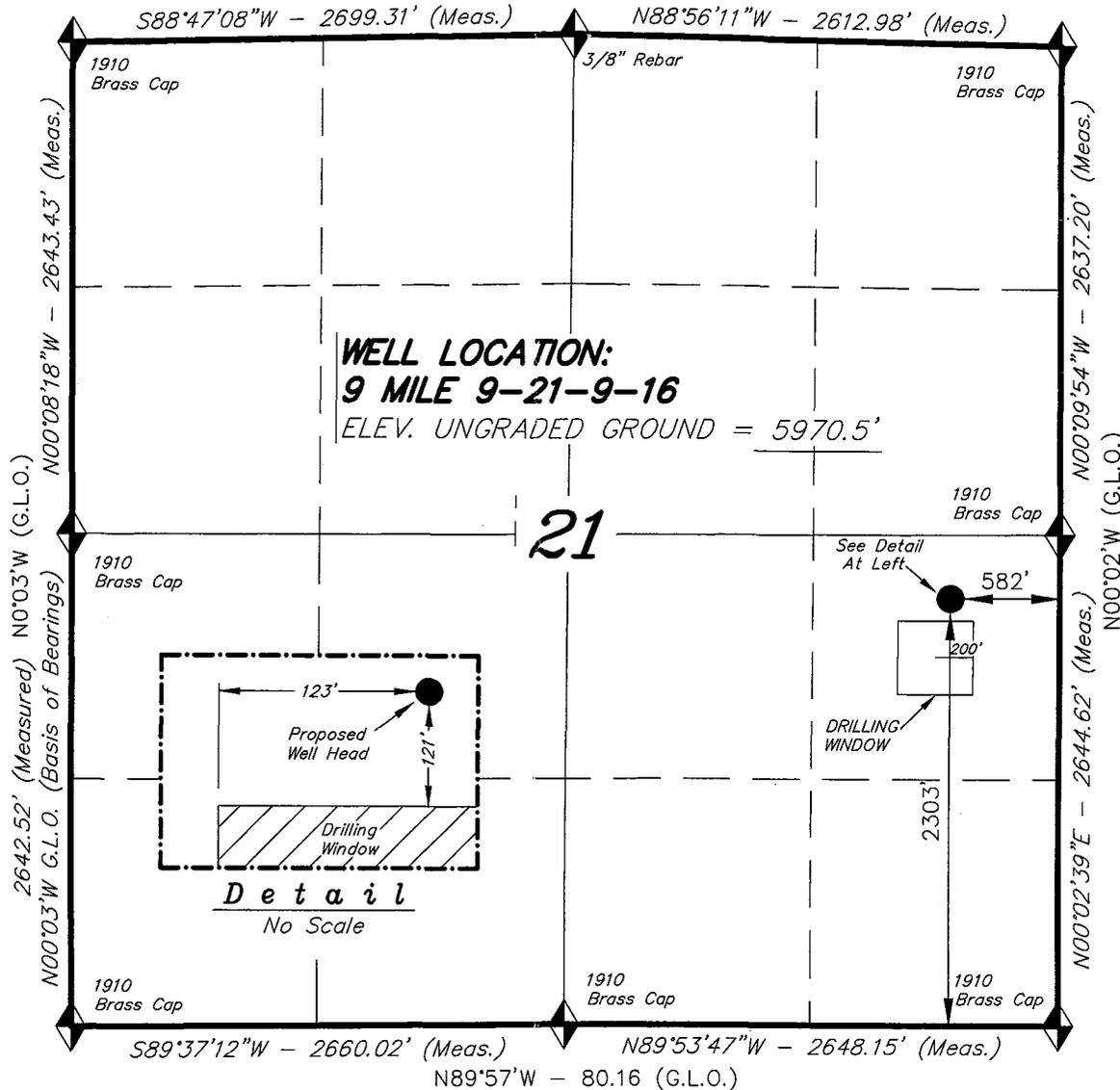
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# T9S, R16E, S.L.B.&M.

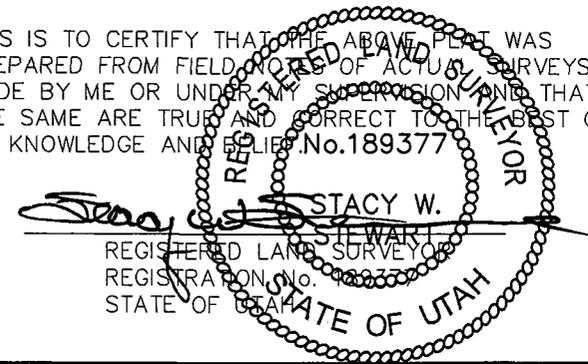
N89°57'W - 80.00 (G.L.O.)

## NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 9-21-9-16,  
LOCATED AS SHOWN IN THE NE 1/4 SE  
1/4 OF SECTION 21, T9S, 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



◆ = SECTION CORNERS LOCATED

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

**9 MILE 9-21-9-16**  
**(Surface Location) NAD 83**  
LATITUDE = 40° 00' 55.66"  
LONGITUDE = 110° 07' 00.82"

### TRI STATE LAND SURVEYING & CONSULTING

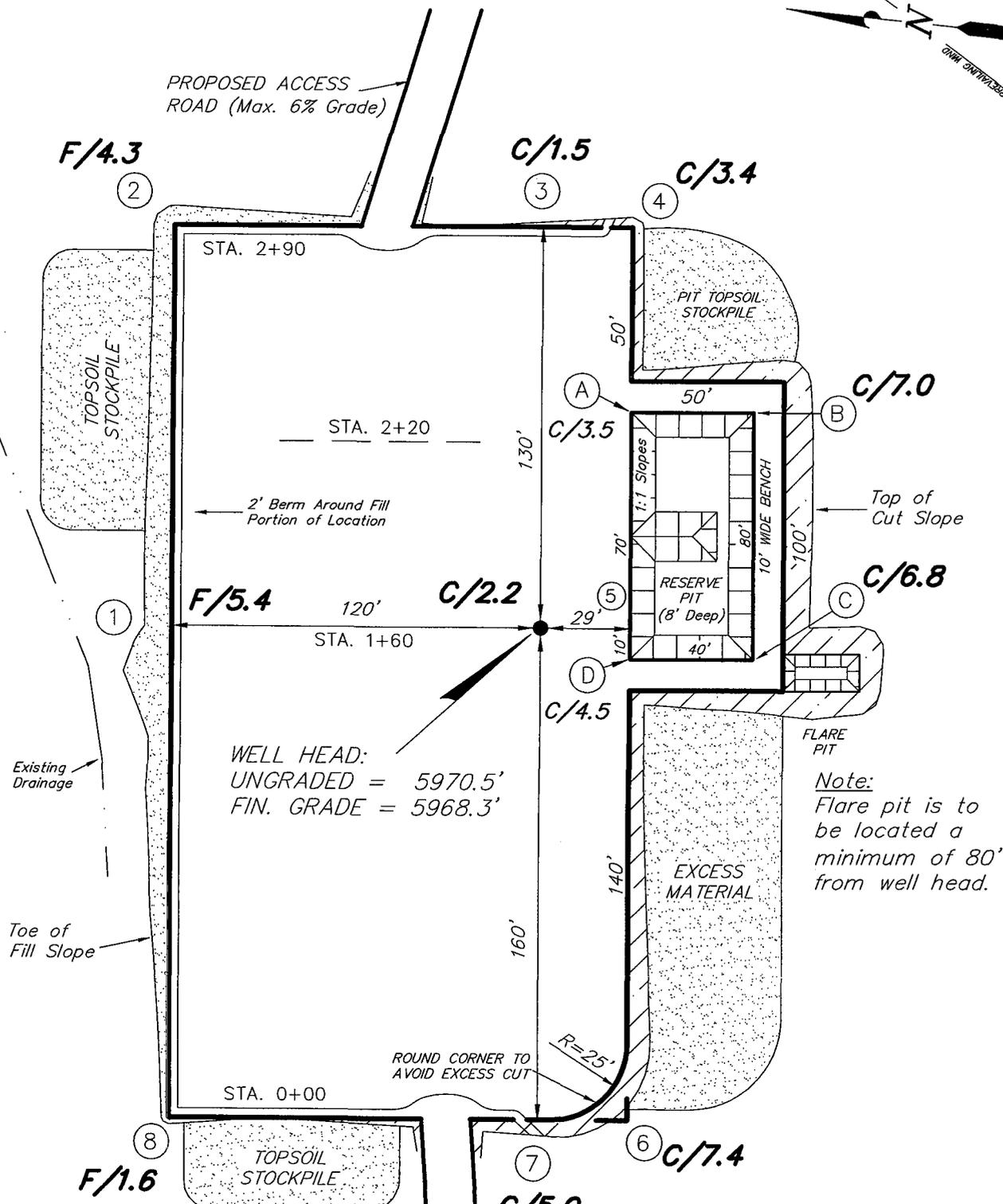
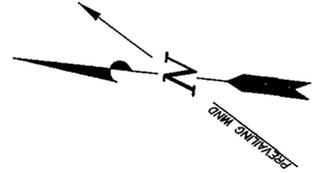
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

DATE SURVEYED: 1-23-08	SURVEYED BY: C.M.
DATE DRAWN: 1-31-08	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

# NEWFIELD PRODUCTION COMPANY

9 MILE 9-21-9-16

Section 21, T9S, R16E, S.L.B.&M.



WELL HEAD:  
UNGRADED = 5970.5'  
FIN. GRADE = 5968.3'

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

REFERENCE POINTS

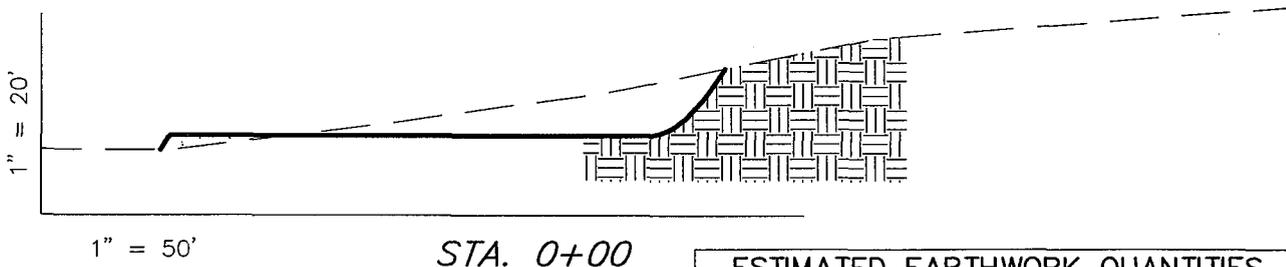
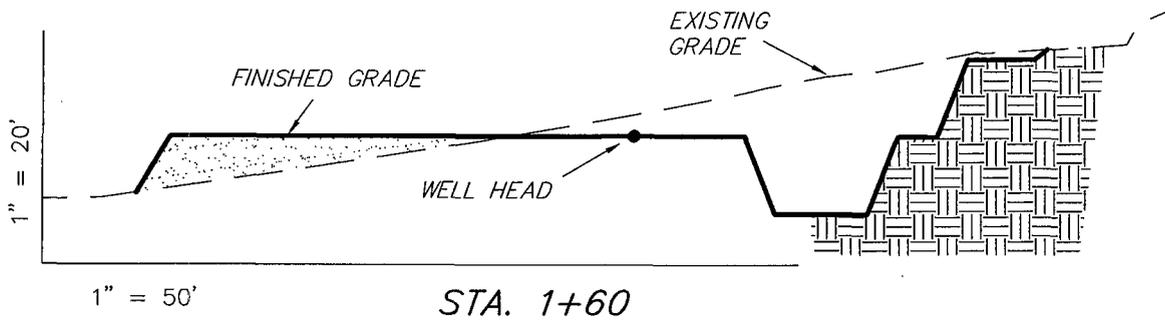
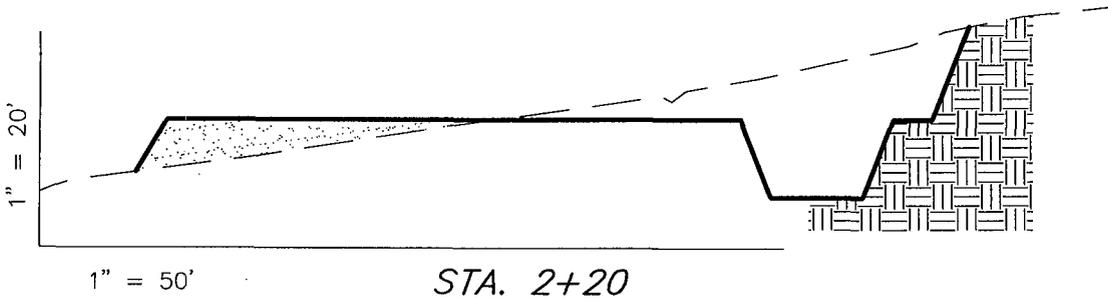
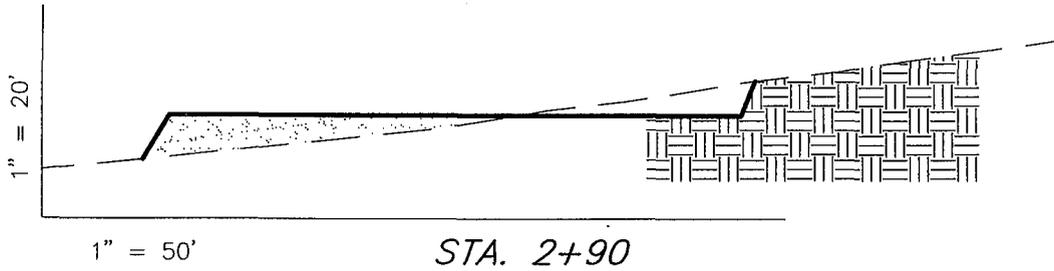
170' NORTH	- 5961.5'
220' NORTH	- 5964.2'
180' EAST	- 5969.9'
230' EAST	- 5967.8'

SURVEYED BY: C.M.	DATE SURVEYED: 1-23-08
DRAWN BY: M.W.	DATE DRAWN: 1-31-08
SCALE: 1" = 50'	REVISED:

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

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS 9 MILE 9-21-9-16



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

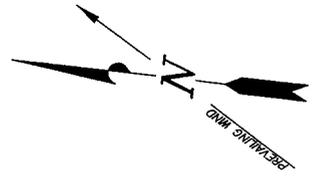
ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,750	2,750	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	3,390	2,750	1,010	640

SURVEYED BY: C.M.	DATE SURVEYED: 1-23-08
DRAWN BY: M.W.	DATE DRAWN: 1-31-08
SCALE: 1" = 50'	REVISED:

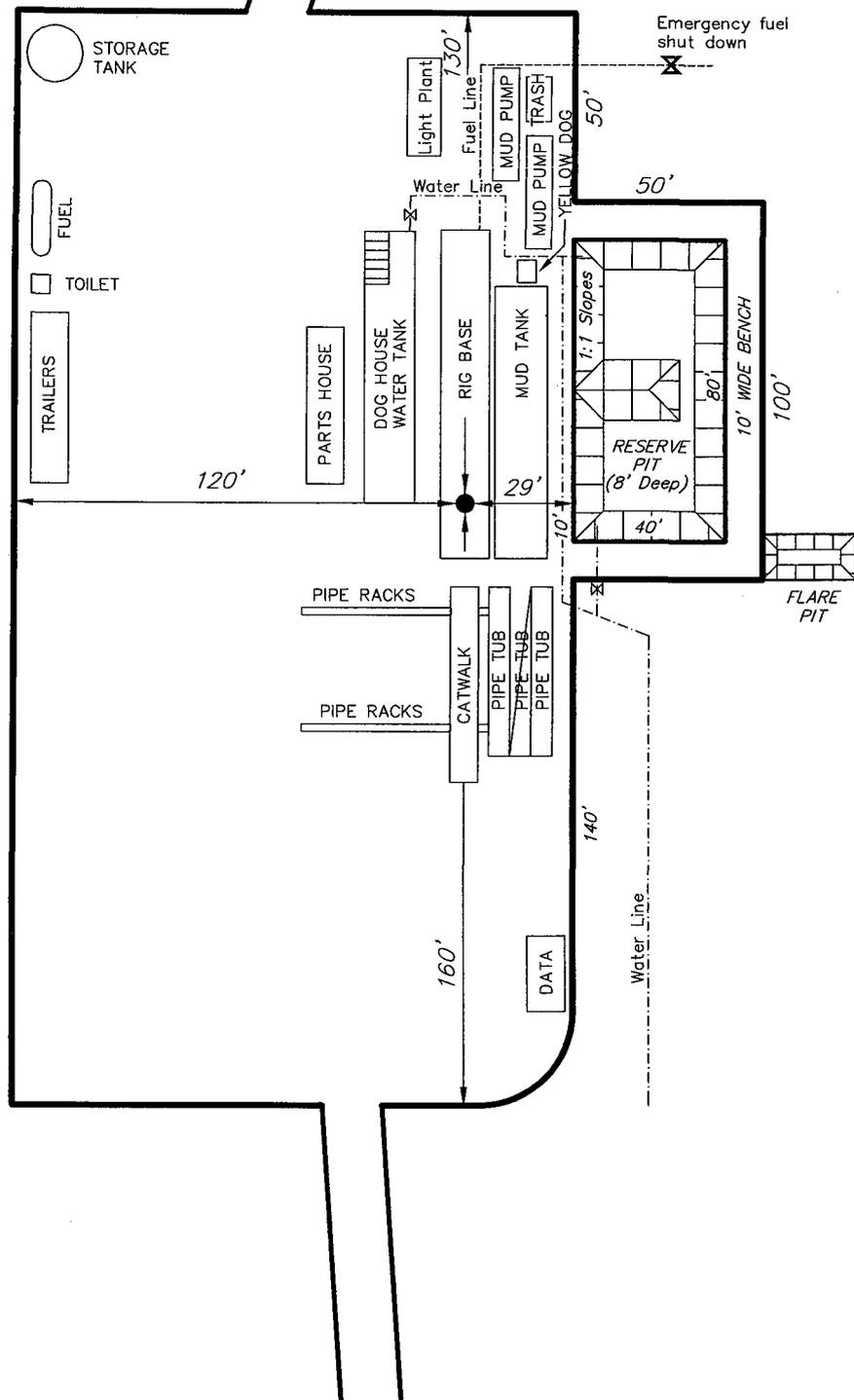
**Tri State**  
 Land Surveying, Inc.  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
 (435) 781-2501

# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT 9 MILE 9-21-9-16



PROPOSED ACCESS ROAD (Max. 6% Grade)



SURVEYED BY: C.M.	DATE SURVEYED: 1-23-08
DRAWN BY: M.W.	DATE DRAWN: 1-31-08
SCALE: 1" = 50'	REVISED:

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



April 22, 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 9-21-9-16**  
T9S R16E, Section 21: NESE  
2303' FSL 582' 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 121' north of the drilling window required by Rule R649-3-2, which requires a well to be located in the center of a forty (40) acre quarter-quarter section, or a substantially equivalent lot or tract, with a tolerance of two hundred (200) feet in any direction from the center.

The attached plat depicts the proposed location and illustrates the deviation from the drilling window. The requested location has been chosen to avoid an area of archeological interest within the required drilling window.

Please note the drillsite is on U-74392, is owned by NPC 50%, Yates Petroleum Corporation 20%, Yates Drilling Company 10%, Abo Petroleum Corporation 10% and Myco Industries, Inc. 10%. The drillsite is less than 460' from U-64379, which is owned by NPC 50% and Yates Petroleum Corporation 50%. 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**

**MAR 27 2008**

**MAIL ROOM YPC**

March 24, 2008

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

RE: Exception Location  
Federal 9-21-9-16  
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 9-21-9-16**  
UTU-74392  
T9S R16E, Section 21: NESE  
2303' FSL 582' PBL  
Duchesne County, Utah

This well is located 121' north of the drilling window as required by State of Utah R649-3-2 to avoid a site of archeological interest. It is therefore only 337' from the lease line between UTU-74392 and UTU-64379. It is necessary to obtain your written concurrence with this exception location as a 20% working interest owner in the lease the well will be drilled on and a 50% working interest owner in the lease the well will encroach 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

Fax to: 303-893-0103  
Newfield Production Company  
Attn: Roxann Eveland  
RE: Exception Location  
Federal 9-21-9-16  
UTU-74392  
T9S R16E, Section 21: NESE  
2303' FSL 582' 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: Cody Moore

Date: 4/21/08

Cody Moore Associate Landman  
Print Name and Title



March 24, 2008

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

RE: Exception Location  
Federal 9-21-9-16  
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 9-21-9-16**  
UTU-74392  
T9S R16E, Section 21: NESE  
2303' FSL 582' FEL  
Duchesne County, Utah

This well is located 121' north of the drilling window as required by State of Utah R649-3-2 to avoid a site of archeological interest. It is therefore only 337' from the lease line between UTU-74392 and UTU-64379. It is necessary to obtain your written concurrence with this exception location as a 10% working interest owner in 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".

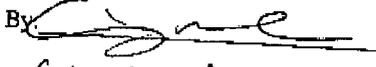
Roxann Eveland  
Land Associate

Enclosure

Fax to: 303-893-0103  
Attn: Newfield Production Company  
Roxann Eveland  
RE: Exception Location  
Federal 9-21-9-16  
UTU-74392  
T9S R16E, Section 21: NESE  
2303' FSL 582' 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:   
Cody Moore, Associate Landman  
Print Name and Title

Date: 4/21/08



March 24, 2008

ABO Petroleum Corporation  
PO Box 900  
Artesia, NM 88211

RE: Exception Location  
Federal 9-21-9-16  
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 9-21-9-16**  
UTU-74392  
T9S R16E, Section 21: NESE  
2303' FSL 582' FEL  
Duchesne County, Utah

This well is located 121' north of the drilling window as required by State of Utah R649-3-2 to avoid a site of archeological interest. It is therefore only 337' from the lease line between UTU-74392 and UTU-64379. It is necessary to obtain your written concurrence with this exception location as a 10% working interest owner in 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".

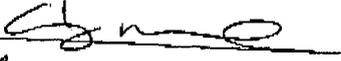
Roxann Eveland  
Land Associate

Enclosure

Fax to: 303-893-0103  
Newfield Production Company  
Attn: Roxann Eveland  
RE: Exception Location  
Federal 9-21-9-16  
UTU-74392  
T9S R16E, Section 21: NESE  
2303' FSL 582' FEL  
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:   
Cody Moore, Associate Landman  
Print Name and Title

Date: 4/21/04



March 24, 2008

Myco Industries Inc.  
PO Box 840  
Artesia, NM 88211

RE: Exception Location  
Federal 9-21-9-16  
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 9-21-9-16**  
UTU-74392  
T9S R16E, Section 21: NESE  
2303' FSL 582' FEL  
Duchesne County, Utah

This well is located 121' north of the drilling window as required by State of Utah R649-3-2 to avoid a site of archeological interest. It is therefore only 337' from the lease line between UTU-74392 and UTU-64379. It is necessary to obtain your written concurrence with this exception location as a 10% working interest owner in 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".

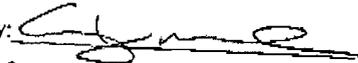
Roxann Eveland  
Land Associate

Enclosure

Fax to: 303-893-0103  
Attn: Newfield Production Company  
Roxann Eveland  
RE: Exception Location  
Federal 9-21-9-16  
UTU-74392  
T9S R16E, Section 21: NESE  
2303' FSL 582' FEL  
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:   
Cody Moore, Associate Landman  
Print Name and Title

Date: 4/21/08

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.  
**UTU-74392**

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

7. If Unit or CA, Agreement Designation  
**N/A**

8. Well Name and No.  
**FEDERAL 9-21-9-16**

9. API Well No.  
**43-013-33145**

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

11. County or Parish, State  
**DUCHESNE COUNTY, UT.**

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**NEWFIELD PRODUCTION COMPANY**

3. Address and Telephone No.  
**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**2303 FSL 582 FEL      NE/SE Section 21, T9S R16E**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <b>Permit Extension</b>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 6/8/06.

This APD has not been approved yet by the BLM.

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

Date: 05-28-08  
By: [Signature]

**COPY SENT TO OPERATOR**  
Date: 6-2-2008  
Initials: KS

14. I hereby certify that the foregoing is true and correct  
Signed Mandie Crozier Title Regulatory Specialist Date 5/28/2008  
Mandie Crozier

CC: UTAH DOGM  
(This space for Federal or State office use)  
Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:  
CC: Utah DOGM

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

RESET

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

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

**API:** 43-013-33145  
**Well Name:** Federal 9-21-9-16  
**Location:** NE/SE Section 21, T9S R16E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 6/8/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes  No  NA

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes  No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes  No

Has the approved source of water for drilling changed? Yes  No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes  No

Is bonding still in place, which covers this proposed well? Yes  No

  
Signature

5/27/2008

Date

**Title:** Regulatory Specialist

**Representing:** Newfield Production Company

RECEIVED

MAY 28 2008

DIV. OF OIL, GAS & MINING

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-74392
	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
	<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> FEDERAL 9-21-9-16
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013331450000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2303 FSL 0582 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 21 Township: 09.0S Range: 16.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
	<b>COUNTY:</b> DUCHESNE
	<b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 5/26/2009	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:

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

Newfield Production Company requests to extend the APD for this well for one more year.

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

Date: May 27, 2009

By: 

<b>NAME (PLEASE PRINT)</b> Mandie Crozier	<b>PHONE NUMBER</b> 435 646-4825	<b>TITLE</b> Regulatory Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/26/2009	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013331450000

API: 43013331450000

Well Name: FEDERAL 9-21-9-16

Location: 2303 FSL 0582 FEL QTR NESE SEC 21 TWP 090S RNG 160E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 6/8/2006

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

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

Approved by the Utah Division of Oil, Gas and Mining

Signature: Mandie Crozier

Date: 5/26/2009

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY

Date: May 27, 2009

By: [Handwritten Signature]

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No. UTU-74392	
6. If Indian, Allottee or Tribe Name NA	
7. If Unit or CA Agreement, Name and No. NA	
8. Lease Name and Well No. Federal 9-21-9-16	
9. API Well No. 43-013-33145	
10. Field and Pool, or Exploratory Monument Butte	11. Sec., T. R. M. or Blk. and Survey or Area Sec. 21, T9S R16E
12. County or Parish Duchesne	13. State UT
14. Distance in miles and direction from nearest town or post office* Approximately 24.8 miles southwest of Myton, UT	15. Distance from proposed* location to nearest property or lease line, ft. Approx. 337' f/lse, NA' f/unit (Also to nearest drig. unit line, if any)
16. No. of acres in lease 2080.00	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. 1309'	19. Proposed Depth 5,960'
20. BLM/BIA Bond No. on file RLB00100473 / WYB000493	21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5971' GL
22. Approximate date work will start* 3rd Qtr. 2009	23. Estimated duration (7) days from SPUD to rig release
24. Attachments	

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

- 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 must 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 BLM.

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 3/16/09
--	--	-----------------

Title Regulatory Specialist		
Approved by (Signature) <i>Namm Hatch</i>	Name (Printed/Typed) Namm Hatch	Date 7/24/09
Title Assistant Field Manager acting Lands & Mineral Resources		
Office VERNAL FIELD OFFICE		

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

CONDITIONS OF APPROVAL ATTACHED

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

(Continued on page 2)

\*(Instructions on page 2)

BUREAU OF LAND MGMT  
DEPT OF THE INTERIOR  
APR 7 2009  
2009 APR 10 11 45

RECEIVED  
VERNAL FIELD OFFICE

NOTICE OF APPROVAL  
RECEIVED

JUL 30 2009

DIV. OF OIL, GAS & MINING  
07BM4707A

UDOGM

No NOS



**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>NESE, Sec. 21, T9S, R16E</b>
<b>Well No:</b>	<b>Federal 9-21-9-16</b>	<b>Lease No:</b>	<b>UTU-74392</b>
<b>API No:</b>	<b>43-013-33145</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:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Christine Cimiluca	(435) 781-4475	
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Lori Ford	(435) 781-4406	
NRS/Enviro Scientist:	David Gordon	(435) 781-4424	
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544

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

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

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

**NOTIFICATION REQUIREMENTS**

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

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

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO<sub>x</sub> per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO<sub>x</sub> per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

**CONDITIONS OF APPROVAL:** (See Castle Peak EIS for standard COAs)

- Construction and drilling not allowed from May 1 - June 15 minimizing impacts during Mountain Plover nesting.
- Based on a 6 in topsoil average a topsoil pile around 779 feet long with a 20 foot base, a 8 foot top, and 3 feet thick needs to preserved and signed properly. This pile shall be located where identified in the APD package.
- 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 dry and free of all trash and residual hydrocarbons it will be 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
Forage Kochia	<i>Kochia Prostrata</i>	0.20	1/2"
Squirreltail grass	<i>Elymus elymoides</i>	3.0	1/4 - 1/2"
Siberian wheatgrass	<i>Agropyron fragile</i>	1.0	1/2"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	1/2"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	1/2"
Gardner's saltbush	<i>Atriplex gardneri</i>	0.50	1/2"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	1/8 - 1/4"

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

**Final reclamation:**

- 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, and in Green River reclamation guidelines. 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:**

- A variance is granted for O.O. #2 III. E. 1.
  - a. The blooie line shall be straight or have targeted tees for bends in the line.
  - b. Not requiring an automatic igniter or continuous pilot on the blooie line.
- Run a cement bond log from TD to the base of the surface casing shoe.

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

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

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

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

#### OPERATING REQUIREMENT REMINDERS:

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

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

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

*Spud*  
BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross #29 Submitted  
By Nathan Rutledge Phone Number 435-823-2050  
Well Name/Number Federal 9-21-9-16  
Qtr/Qtr NE/SE Section 21 Township 9S Range 16E  
Lease Serial Number UTU-74392  
API Number 43-013-33145

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

Date/Time July 31, 2009      9:00 AM  PM

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

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

Date/Time July 31, 2009      3:00 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 \_\_\_\_\_  
\_\_\_\_\_

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	17346	4301350018	HANCOCK 3-20-4-1	NENW	20	4S	1W	DUCHESNE	8/7/2009	8/13/09
WELL 1 COMMENTS: <i>GRUV</i>											
A	99999	17347	4301334257	LAMB 16-19-4-1	SESE	19	4S	1W	DUCHESNE	8/5/2009	8/13/09
WELL 2 COMMENTS: <i>GRUV</i>											
A	99999		4304740503	<del>UTE TRIBAL 4-30-4-1E</del>	NENW	30	4S	1E	UINTAH	7/16/2009	
Duplicate (submitted in July)											
A	99999	17348	4301333145	FEDERAL 9-21-9-16	NESE	21	9S	16E	DUCHESNE	7/31/2009	8/13/09
WELL 4 COMMENTS: <i>GRUV</i>											
B	99999	12276	4301334068	WELLS DRAW FEDERAL R-33-8-16	NWSE	33	8S	16E	DUCHESNE	7/29/2009	8/13/09
WELL 5 COMMENTS: <i>GRUV</i> <i>BHL = SWSE</i>											
B	99999	12276	4301334067	WELLS DRAW FEDERAL S-33-8-16	NWSE	33	8S	16E	DUCHESNE	8/1/2009	8/13/09
WELL 5 COMMENTS: <i>GRUV</i> <i>BHL = SESE</i>											

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.

RECEIVED  
 AUG 12 2009

DIV. OF OIL, GAS & MINING

*[Signature]*  
 Signature  
 Jentri Park  
 Production Clerk  
 08/12/09  
 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)  
                               NESE Section 21 T9S R16E

5. Lease Serial No.  
 74392

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
 FEDERAL 9-21-9-16

9. API Well No.  
 4301333145

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	Spud Notice _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

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

On 7/31/09 MIRU Ross # 29. Spud well @ 9:00 AM. Drill 315' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 322.23 KB. On 8/1/09 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/sk yield. Returned 7 bbls cement to pit. WOC.

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

I hereby certify that the foregoing is true and correct (Printed/ Typed) Justin Crum	Title Drilling Foreman
Signature <i>Justin Crum</i>	Date 08/25/2009

**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.





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)  
 NESE Section 21 T9S R16E

5. Lease Serial No.  
 74392

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
 FEDERAL 9-21-9-16

9. API Well No.  
 4301333145

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	Weekly Status Report _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

On 8/2/09 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 5887.85'. 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, 141 jt's of 5.5 J-55, 15.5# csgn. Set @ 5887' / KB. Cement with 260 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 400 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 27 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 85,000 #'s tension. Release rig @ 1:00 AM on 8/7/09.

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

I hereby certify that the foregoing is true and correct (Printed/ Typed) Justin Crum	Title Drilling Foreman
Signature 	Date 08/25/2009

**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



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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-74392

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
FEDERAL 9-21-9-16

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301333145

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: NESE, 21, T9S, 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 type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: 09/24/2009	<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 09-02-09, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Production Tech

SIGNATURE *Lucy Chavez-Naupoto* DATE 09/24/2009

(This space for State use only)

**RECEIVED**  
**SEP 28 2009**  
DIV. OF OIL, GAS & MINING

**Daily Activity Report**

Format For Sundry

**FEDERAL 9-21-9-16****7/1/2009 To 11/30/2009****8/21/2009 Day: 1****Completion**

Rigless on 8/21/2009 - Ran CBL & perf'd stage #1. - Install 5M frac head & NU Weatherford Cameron single blind BOP. RU HO trk & pressure test casing, wellhead, casing valves & blind rams to 4500 psi. RU Perforators LLC WLT & mast. Run CBL under pressure f/ WLTD of 5793' to sfc. Found cmt top @ 120'. Perforate stage #1, CP3 sds @ 5542-5548' W/ 3 1/8" slick gun (19 gm charge, .49" EH, 21.92" pen, 120° phasing & 3 JSPF). RD WLT. SIFN W/ est 139 BWTR.

**Daily Cost:** \$0**Cumulative Cost:** \$12,750**8/26/2009 Day: 2****Completion**

Rigless on 8/26/2009 - Frac 1 stg. - RU Phoenix Surverys inc WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug & 5', 4', 2' perf guns. Set plug @ 4750'. Perforate C sds @ 4694-99', D3 sds @ 4636-40' & D1 sds @ 4559-61' w/ 3 1/8" Slick Guns (.34"EH, 16 gram, 120°, 21.00" pen., TAG-3375-311SL) w/ 3 spf for total of 33 shots. RU BJ Services. 325 psi on well. Broke @ 1878 psi, ISIP @ 751 psi. FG @ .60. Frac C/D3/D1 sds w/ 111,451#'s of 20/40 sand in 780 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2453 psi w/ ave rate of 46 BPM. ISIP 1573 psi. FG. @ .77. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 3 hrs & died. Recovered 400 BWTR. SWIFN. 2033 BWTR. - RU Phoenix Surverys inc WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug & 5', 4', 2' perf guns. Set plug @ 4750'. Perforate C sds @ 4694-99', D3 sds @ 4636-40' & D1 sds @ 4559-61' w/ 3 1/8" Slick Guns (.34"EH, 16 gram, 120°, 21.00" pen., TAG-3375-311SL) w/ 3 spf for total of 33 shots. RU BJ Services. 325 psi on well. Broke @ 1878 psi, ISIP @ 751 psi. FG @ .60. Frac C/D3/D1 sds w/ 111,451#'s of 20/40 sand in 780 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2453 psi w/ ave rate of 46 BPM. ISIP 1573 psi. FG. @ .77. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 3 hrs & died. Recovered 400 BWTR. SWIFN. 2033 BWTR. - RU Phoenix Surverys inc WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug & 6' perf gun. Set plug @ 4870'. Perforate B2 sds @ 4811-17' w/ 3 1/8" Slick Guns (.34"EH, 16 gram, 120°, 21.00" pen., TAG-3375-311SL) w/ 3 spf for total of 18 shots. RU BJ Services. 1370 psi on well. Broke @ 3991 psi, ISIP @ 2000 psi, 1 min @ 1892 psi, 4 min @ 1782 psi. FG @ .85. Frac B2 sds w/ 25,293#'s of 20/40 sand in 360 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2480 psi w/ ave rate of 22.1 BPM. ISIP 2013 psi, 5 min @ 1631 psi, 10 min @ 1495 psi, 15 min @ 1387 psi. FG. @ .85. Leave pressure on well. 1653 BWTR - RU BJ Services. 20 psi on well. Broke @ 3445 psi. ISIP @ 1234 psi, 1 hr @ 688 psi. FG @ .66. Frac CP3 sds w/ 15,136#'s of 20/40 sand in 294 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2149 psi w/ ave rate of 21.8 BPM. ISIP 1714 psi, 5 min @ 1612 psi, 10 min @ 1557 psi, 15 min @ 1550 psi. FG @ .74. Leave pressure on well. 433 BWTR. - RU BJ Services. 515 psi on well. Broke @ 2018 psi. ISIP @ 803 psi, 1 min @ 755 psi, 4 min @ 716 psi. FG @ .60. Frac A3 sds w/ 115,669#'s of 20/40 sand in 860 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2430 psi w/ ave rate of 35.5 BPM. ISIP 2241 psi, 5 min @ 2206 psi, 10 min @ 2121 psi, 15 min @ 2018 psi. FG @ .89. Leave pressure on well. 1293 BWTR. - RU BJ Services. 515 psi on well. Broke @ 2018 psi. ISIP @ 803 psi, 1 min @ 755 psi, 4 min @ 716 psi. FG @ .60. Frac A3 sds w/ 115,669#'s of 20/40 sand in 860 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2430 psi w/ ave rate of 35.5 BPM. ISIP 2241 psi, 5 min @ 2206 psi, 10 min @ 2121 psi, 15 min @ 2018 psi. FG @ .89. Leave pressure on well. 1293 BWTR. - RU Phoenix Surverys inc WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite

flow through frac plug & 6', 2', 2' perf guns. Set plug @ 5030'. Perforate A3 sds @ 4958-64', 4948-50' & 4939-41' w/ 3 1/8" Slick Guns (.34"EH, 16 gram, 120°, 21.00¢ pen., TAG-3375-311SL) w/ 3 spf for total of 30 shots. - RU Phoenix Surverys inc WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug & 6', 2', 2' perf guns. Set plug @ 5030'. Perforate A3 sds @ 4958-64', 4948-50' & 4939-41' w/ 3 1/8" Slick Guns (.34"EH, 16 gram, 120°, 21.00¢ pen., TAG-3375-311SL) w/ 3 spf for total of 30 shots. - RU BJ Services. 20 psi on well. Broke @ 3445 psi. ISIP @ 1234 psi, 1 hr @ 688 psi. FG @ .66. Frac CP3 sds w/ 15,136#'s of 20/40 sand in 294 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2149 psi w/ ave rate of 21.8 BPM. ISIP 1714 psi, 5 min @ 1612 psi, 10 min @ 1557 psi, 15 min @ 1550 psi. FG @ .74. Leave pressure on well. 433 BWTR. - RU Phoenix Surverys inc WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug & 6' perf gun. Set plug @ 4870'. Perforate B2 sds @ 4811-17' w/ 3 1/8" Slick Guns (.34"EH, 16 gram, 120°, 21.00¢ pen., TAG-3375-311SL) w/ 3 spf for total of 18 shots. RU BJ Services. 1370 psi on well. Broke @ 3991 psi, ISIP @ 2000 psi, 1 min @ 1892 psi, 4 min @ 1782 psi. FG @ .85. Frac B2 sds w/ 25,293#'s of 20/40 sand in 360 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2480 psi w/ ave rate of 22.1 BPM. ISIP 2013 psi, 5 min @ 1631 psi, 10 min @ 1495 psi, 15 min @ 1387 psi. FG. @ .85. Leave pressure on well. 1653 BWTR

**Daily Cost:** \$0

**Cumulative Cost:** \$16,525

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**9/2/2009 Day: 6**

**Completion**

NC #2 on 9/2/2009 - Swab well - Open well. TBG 0 psi. CSG 0 psi. TIH w/ 20 jts tbg to put EOT @ 5780'. RU swab. RIH w/ swab to tag IFL @ 1000'. Swab well. Make 42 swab runs. Recover 60 bbls oil & 318 bw w/ good gas. Still making sand. FFL @ 1500'. SDFN - Open well. TBG 0 psi. CSG 0 psi. TIH w/ 20 jts tbg to put EOT @ 5780'. RU swab. RIH w/ swab to tag IFL @ 1000'. Swab well. Make 42 swab runs. Recover 60 bbls oil & 318 bw w/ good gas. Still making sand. FFL @ 1500'. SDFN - Open well. TBG 0 psi. CSG 0 psi. TIH w/ 20 jts tbg to put EOT @ 5780'. RU swab. RIH w/ swab to tag IFL @ 1000'. Swab well. Make 42 swab runs. Recover 60 bbls oil & 318 bw w/ good gas. Still making sand. FFL @ 1500'. SDFN - Open well. TBG 150 psi. CSG 150 psi. RIH w/ swab to tag fluid. Tag IFL @ 1500'. Make 19 swab runs to recover 130 bw. 40 bbls oil. Good gas. Still bringing sand. FFL @ 1800'. Was decided to TIH w/ tbg to tag fill. Tag fill @ 5808'. 40' of new fill. Clean out to PBD @ 5848'. LD excess tbg. TOOH w/ 176 jts tbg. LD bit & bit sub. MU btm hole assembly. TIH w/ production tbg detail as follows. NC, 2 jts tbg, PSN, 1 jt tbg, TAC, & 173 jts tbg. SDFN - Open well. TBG 150 psi. CSG 150 psi. RIH w/ swab to tag fluid. Tag IFL @ 1500'. Make 19 swab runs to recover 130 bw. 40 bbls oil. Good gas. Still bringing sand. FFL @ 1800'. Was decided to TIH w/ tbg to tag fill. Tag fill @ 5808'. 40' of new fill. Clean out to PBD @ 5848'. LD excess tbg. TOOH w/ 176 jts tbg. LD bit & bit sub. MU btm hole assembly. TIH w/ production tbg detail as follows. NC, 2 jts tbg, PSN, 1 jt tbg, TAC, & 173 jts tbg. SDFN - Open well. TBG 150 psi. CSG 150 psi. RIH w/ swab to tag fluid. Tag IFL @ 1500'. Make 19 swab runs to recover 130 bw. 40 bbls oil. Good gas. Still bringing sand. FFL @ 1800'. Was decided to TIH w/ tbg to tag fill. Tag fill @ 5808'. 40' of new fill. Clean out to PBD @ 5848'. LD excess tbg. TOOH w/ 176 jts tbg. LD bit & bit sub. MU btm hole assembly. TIH w/ production tbg detail as follows. NC, 2 jts tbg, PSN, 1 jt tbg, TAC, & 173 jts tbg. SDFN - Open well. TBG 150 psi. CSG 150 psi. RIH w/ swab to tag fluid. Tag IFL @ 1500'. Make 19 swab runs to recover 130 bw. 40 bbls oil. Good gas. Still bringing sand. FFL @ 1800'. Was decided to TIH w/ tbg to tag fill. Tag fill @ 5808'. 40' of new fill. Clean out to PBD @ 5848'. LD excess tbg. TOOH w/ 176 jts tbg. LD bit & bit sub. MU btm hole assembly. TIH w/ production tbg detail as follows. NC, 2 jts tbg, PSN, 1 jt tbg, TAC, & 173 jts tbg. SDFN - Open well. TBG 150 psi. CSG 150 psi. RIH w/ swab to tag fluid. Tag IFL @ 1500'. Make 19 swab runs to recover 130 bw. 40 bbls oil. Good gas. Still bringing sand. FFL @ 1800'. Was decided to TIH w/ tbg to tag fill. Tag fill @ 5808'. 40' of new fill. Clean out to PBD @ 5848'. LD excess tbg. TOOH w/ 176 jts tbg.

LD bit & bit sub. MU btm hole assembly. TIH w/ production tbg detail as follows. NC, 2 jts tbg, PSN, 1 jt tbg, TAC, & 173 jts tbg. SDFN - Open well. TBG psi. CSG psi. RD workflow. ND BOP. Set TAC. MU wellhead bonnet. Land tbg on wellhead flange w/ 18000# tension. X-over to rod equipment. Pick up & prime new CDI 2 1/2" x 1 3/4" x 12' x 16 1/2' RHBC McGyver pump. PU rods as follows. 1 - 7/8" x 2' pony sub, 6 - 1 1/2" wt bars, 20 - 3/4" guided rods, 94 - 3/4" plain rods, 100 - 3/4" guided rods, 1 - 3/4" slick rod, 1 - 4' pony sub, & 1 - 1 1/2" x 26' polished rod. Get in hole w/ rods. Seat & space out pump. Fill & test tbg to 200 psi w/ 8 bw. Stroke test pump to 800 psi w/unit. RDMOSU. PWOP @ 2:30 PM W/ 122" SL @ 5 SPM FINAL REPORT! - Open well. TBG psi. CSG psi. RD workflow. ND BOP. Set TAC. MU wellhead bonnet. Land tbg on wellhead flange w/ 18000# tension. X-over to rod equipment. Pick up & prime new CDI 2 1/2" x 1 3/4" x 12' x 16 1/2' RHBC McGyver pump. 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Tag fill @ 4868'. Clean out to plug @ 4870'. Drill up CBP in 40 minutes. Cont to pick up tbg to tag fill. Tag fill @ 5029'. Clean out to plug @ 5030'. Drill up CBP in 45 minutes (lost 350 bw w/ drilling out last 2 plugs). Cont to pick up tbg to tag fill. Tag fill @ 5649'. 200' of fill. Clean out fill to csg pbsd @ 5848'. Circulate clean. TOO H w/ 20 jts tbg. SDFN Est wtr lost 350 bw - Open well. TBG 0 psi. CSG 0 psi. Cont pick up tbg to tag fill. Tag fill on top of first plug @ 4325'. Clean out to plug @ 4750'. Drill up CBP in 25 minutes. Cont to pick up tbg to tag fill. Tag fill @ 4868'. Clean out to plug @ 4870'. Drill up CBP in 40 minutes. Cont to pick up tbg to tag fill. Tag fill @ 5029'. Clean out to plug @ 5030'. Drill up CBP in 45 minutes (lost 350 bw w/ drilling out last 2 plugs). Cont to pick up tbg to tag fill. Tag fill @ 5649'. 200' of fill. Clean out fill to csg pbsd @ 5848'. Circulate clean. TOO H w/ 20 jts tbg. SDFN Est wtr lost 350 bw - Open well. TBG 0 psi. CSG 0 psi. Cont pick up tbg to tag fill. Tag fill on top of first plug @ 4325'. Clean out to plug @ 4750'. Drill up CBP in 25 minutes. Cont to pick up tbg to tag fill. Tag fill @ 4868'. Clean out to plug @ 4870'. Drill up CBP in 40 minutes. Cont to pick up tbg to tag fill. Tag fill @ 5029'. Clean out to plug @ 5030'. Drill up CBP in 45 minutes (lost 350 bw w/ drilling out last 2 plugs). Cont to pick up tbg to tag fill. Tag fill @ 5649'. 200' of fill. Clean out fill to csg pbsd @ 5848'. Circulate clean. TOO H w/ 20 jts tbg. SDFN Est wtr lost 350 bw - Open well. TBG psi. CSG psi. RD workflow. ND BOP. Set TAC. MU wellhead bonnet. Land tbg on wellhead flange w/ 18000# tension. X-over to rod equipment. Pick up & prime new CDI 2 1/2" x 1 3/4" x 12' x 16 1/2' RHBC McGyver pump. PU rods as follows. 1 - 7/8" x 2' pony sub, 6 - 1 1/2" wt bars, 20 - 3/4" guided rods, 94 - 3/4" plain rods, 100 - 3/4" guided rods, 1 - 3/4" slick rod, 1 - 4' pony sub, & 1 - 1 1/2" x 26' polished rod. Get in hole w/ rods. Seat & space out pump. Fill & test tbg to 200 psi w/ 8 bw. Stroke test pump to 800 psi w/unit. RDMOSU. PWOP @ 2:30 PM W/ 122" SL @ 5 SPM FINAL REPORT! - Open well. TBG 0 psi. CSG 0 psi. Cont pick up tbg to tag fill. Tag fill on top of first

plug @ 4325'. Clean out to plug @ 4750'. Drill up CBP in 25 minutes. Cont to pick up tbg to tag fill. Tag fill @ 4868'. Clean out to plug @ 4870'. Drill up CBP in 40 minutes. Cont to pick up tbg to tag fill. Tag fill @ 5029'. Clean out to plug @ 5030'. Drill up CBP in 45 minutes (lost 350 bw w/ drilling out last 2 plugs). Cont to pick up tbg to tag fill. Tag fill @ 5649'. 200' of fill. Clean out fill to csg pbsd @ 5848'. Circulate clean. TOOH w/ 20 jts tbg. SDFN Est wtr lost 350 bw - MIRUSU NC #2. Open well 0 psi. ND BOP. Break out frac head. MU 3000 wellhead. NU BOP. RU workfloor. Talley & pick up 114 jts 2 7/8" 6.5# J-55 tbg to leave EOT @ 3606'. SDFN - MIRUSU NC #2. Open well 0 psi. ND BOP. Break out frac head. MU 3000 wellhead. NU BOP. RU workfloor. Talley & pick up 114 jts 2 7/8" 6.5# J-55 tbg to leave EOT @ 3606'. SDFN - MIRUSU NC #2. Open well 0 psi. ND BOP. Break out frac head. MU 3000 wellhead. NU BOP. RU workfloor. Talley & pick up 114 jts 2 7/8" 6.5# J-55 tbg to leave EOT @ 3606'. SDFN - MIRUSU NC #2. Open well 0 psi. ND BOP. Break out frac head. MU 3000 wellhead. NU BOP. RU workfloor. Talley & pick up 114 jts 2 7/8" 6.5# J-55 tbg to leave EOT @ 3606'. SDFN - MIRUSU NC #2. Open well 0 psi. ND BOP. Break out frac head. MU 3000 wellhead. NU BOP. RU workfloor. Talley & pick up 114 jts 2 7/8" 6.5# J-55 tbg to leave EOT @ 3606'. SDFN - Open well. TBG 0 psi. CSG 0 psi. Cont pick up tbg to tag fill. Tag fill on top of first plug @ 4325'. Clean out to plug @ 4750'. Drill up CBP in 25 minutes. Cont to pick up tbg to tag fill. Tag fill @ 4868'. Clean out to plug @ 4870'. Drill up CBP in 40 minutes. Cont to pick up tbg to tag fill. Tag fill @ 5029'. Clean out to plug @ 5030'. Drill up CBP in 45 minutes (lost 350 bw w/ drilling out last 2 plugs). Cont to pick up tbg to tag fill. Tag fill @ 5649'. 200' of fill. Clean out fill to csg pbsd @ 5848'. Circulate clean. TOOH w/ 20 jts tbg. SDFN Est wtr lost 350 bw

**Finalized****Daily Cost:** \$0**Cumulative Cost:** \$354,181

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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. Resvr.,  
 Other: \_\_\_\_\_

5. Lease Serial No.  
UTU-74392

6. If Indian, Allottee or Tribe Name  
NA

7. Unit or CA Agreement Name and No.  
FEE

2. Name of Operator  
NEWFIELD EXPLORATION COMPANY

8. Lease Name and Well No.  
FEDERAL 9-21-9-16

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

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

9. AFI Well No.  
43-013-33145

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

At surface R303 FS 592 FEL  
2247' FSL & 756' FEL (NE/SE) SEC. 21, T9S, R16E

10. Field and Pool or Exploratory  
MONUMENT BUTTE

11. Sec., T., R., M., on Block and  
Survey or Area SEC. 21, T9S, R16E

At top prod. interval reported below

12. County or Parish  
DUCHESNE

13. State  
UT

At total depth 5905'

14. Date Spudded  
07/31/2009

15. Date T.D. Reached  
08/06/2009

16. Date Completed 09/02/2009  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
5970' GL 5982' KB

18. Total Depth: MD 5905'  
TVD

19. Plug Back T.D.: MD 5848'  
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#		322'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#		5888'		260 PRIMLITE		120'	
						400 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT @ 5621'	TA @ 5524'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER			(CP3) 5542-5548	.49"	3	36
B) GREEN RIVER			(A3) 4958-64, 4948-50, 4939-	.34"	3	30
C) GREEN RIVER			(B2) 4811-4817'	.34"	3	18
D) GREEN RIVER			(C) (D3)(D1) see below	.34"	3	33

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

Depth Interval	Amount and Type of Material
5542-5548'	Frac CP3 sds w/ 15,136#'s of 20/40 sand in 294 bbls of Lightning 17 fluid.
4939-4950'	Frac A3 sds w/ 115,669#'s of 20/40 sand in 860 bbls of Lightning 17 fluid.
4811-4817'	Frac B2 sds w/ 25,293#'s of 20/40 sand in 360 bbls of Lightning 17 fluid.
4559-4699'	Frac C/D3/D1 sds w/ 111,451#'s of 20/40 sand in 780 bbls of Lightning 17 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
09/02/09	09/18/09	24	→	49	57	14			Central Hydraulic 2 1/2" X 1 1/2" X 20' X 24' RHAC rod pump w/ 229" max SL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

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

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OCT 14 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	3534' 3746'
				GARDEN GULCH 2 POINT 3	3855' 4096'
				X MRKR Y MRKR	4358' 4393'
				DOUGALS CREEK MRK BI CARBONATE MRK	4505' 4741'
				B LIMESTON MRK CASTLE PEAK	4837' 5356'
				BASAL CARBONATE TOTAL DEPTH (LOGGERS)	5831' 5912'

32. Additional remarks (include plugging procedure):

Stage 1: Perforate stage #1 W/ 3 1/8" slick guns (19 gm charge, .49" EH, 120° phasing & 3 SPF) as follows: CP5 sds @ 6458-62' & CP4 sds @ 6395-98'.  
 Stage 2: Perforate CP sds @ 6234-36' & CP1 sds @ 6181-85', 6165-68' & 6148-50' w/ 3 1/8" slick guns ( 16 gram, .34" HE, 120°, 21.0" pen, ) w/ 3 spf for total of 33 shots. 519 BWTR  
 Stage 4: Perforate C sds @ 4694-99', D3 sds @ 4636-40' & D1 sds @ 4559-61' w/ 3 1/8" Slick Guns (.34"EH, 16 gram, 120°, 21.00<sub>z</sub> pen., TAG-3375-311SL) w/ 3 spf for total of 33 shots.

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 10/09/2009

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.



April 30, 2012

Mr. Mark Reinbold  
State of Utah  
Division of Oil, Gas and Mining  
1594 W North Temple  
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well  
Federal #9-21-9-16  
Monument Butte Field, Lease #UTU-74392  
Section 21-Township 9S-Range 16E  
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #9-21-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg", with a long horizontal line extending to the right.

Eric Sundberg  
Regulatory Lead

**RECEIVED**

**MAY 01 2012**

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

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**FEDERAL #9-21-9-16**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #UTU-74392**  
**APRIL 30, 2012**

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# Federal 9-21-9-16

Spud Date: 07/31/09  
Put on Production: 09/02/09

GL: 5970' KB: 5982'

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 6 jts. (264')  
DEPTH LANDED: 322'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt

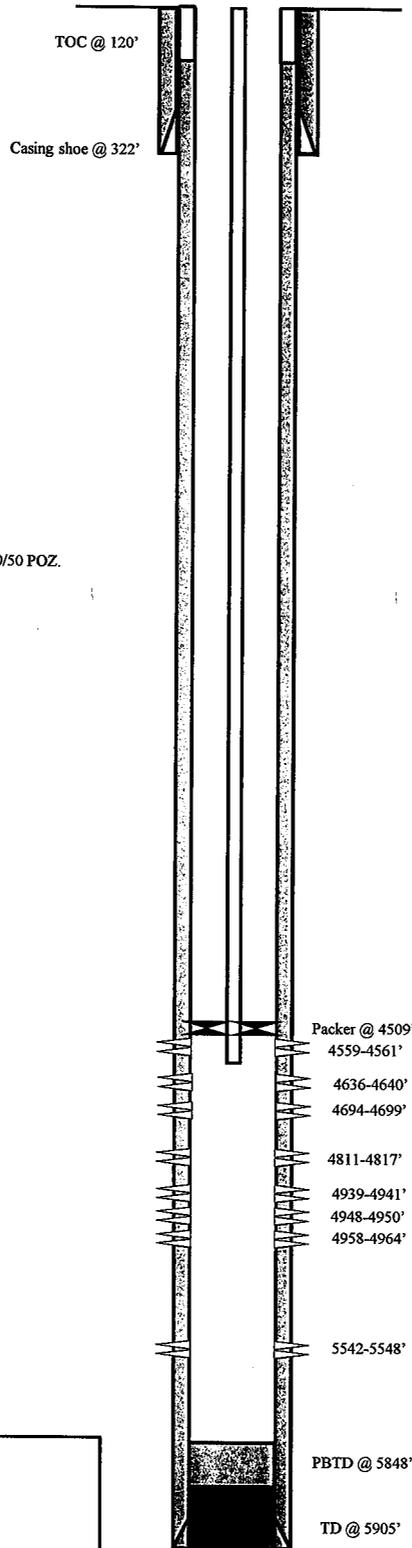
## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 140 jts. (5836')  
HOLE SIZE: 7-7/8"  
DEPTH LANDED: 5887.85'  
CEMENT DATA: 260 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.  
CEMENT TOP AT: 120'

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 172 jts (5509.1')  
TUBING ANCHOR: 5521'  
NO. OF JOINTS: 1 jts (31.4')  
SEATING NIPPLE: 2-7/8" (1.1')  
SN LANDED AT: 5555.4' KB  
NO. OF JOINTS: 2 jts (64.1')  
TOTAL STRING LENGTH: EOT @ 5621'

## Proposed Injection Wellbore Diagram



## FRAC JOB

9-2-09	5542-5548'	<b>Frac CP3 sands as follows:</b> Frac with 15136# 20/40 sand in 122 bbls Lightning 17 fluid.
9-2-09	4939-4964'	<b>Frac A3 sands as follows:</b> Frac with 115669# 20/40 sand in 698 bbls Lightning 17 fluid.
9-2-09	4811-4817'	<b>Frac B2 sands as follows:</b> Frac with 25293# 20/40 sand in 204 bbls Lightning 17 fluid.
9-2-09	4559-4699'	<b>Frac C, D1, &amp; D3 sands as follows:</b> Frac with 111451# 20/40 sand in 635 bbls Lightning 17 fluid.
11/25/10		Pump Change. Rod & tubing updated.
3/30/11		Tubing leak. Rod & tubing detail updated.

## PERFORATION RECORD

5542-5548'	3 JSPF	18 holes
4958-4964'	3 JSPF	18 holes
4948-4950'	3 JSPF	6 holes
4939-4941'	3 JSPF	6 holes
4811-4817'	3 JSPF	18 holes
4694-4699'	3 JSPF	15 holes
4636-4640'	3 JSPF	12 holes
4559-4561'	3 JSPF	6 holes

## NEWFIELD



2303' FSL  
582' FEL

Federal 9-21-9-16  
2247' FSL & 756' FEL NE/SE

Section 21-T9S-R16E

Duchesne Co, Utah

API #43-013-33145; Lease #UTU-74392

## WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS  
RULE R615-5-1**

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

**2.1 The name and address of the operator of the project.**

Newfield Production Company  
1001 17<sup>th</sup> Street, Suite 2000  
Denver, Colorado 80202

**2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

**2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Federal #9-21-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

**2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

**2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Federal #9-21-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3855' - 5848'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3534' and the TD is at 5905'.

**2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Federal #9-21-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-74392) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,  
STORAGE AND ENHANCED RECOVERY WELLS  
SECTION V – RULE R615-5-2**

1. **Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
  
2. **The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
  - 2.1 **A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.
  
  - 2.2 **Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
  
  - 2.3 **A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
  
  - 2.4 **Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
  
  - 2.5 **A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 322' KB, and 5-1/2", 15.5# casing run from surface to 5888' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
  
  - 2.6 **A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
  
  - 2.7 **Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

**The proposed average and maximum injection pressures.**

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1543 psig.

**2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Federal #9-21-9-16, for existing perforations (4559' - 5548') calculates at 0.78 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1543 psig. We may add additional perforations between 3534' and 5905'. See Attachments G and G-1.

**2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Federal #9-21-9-16, the proposed injection zone (3855' - 5848') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

**2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-12.

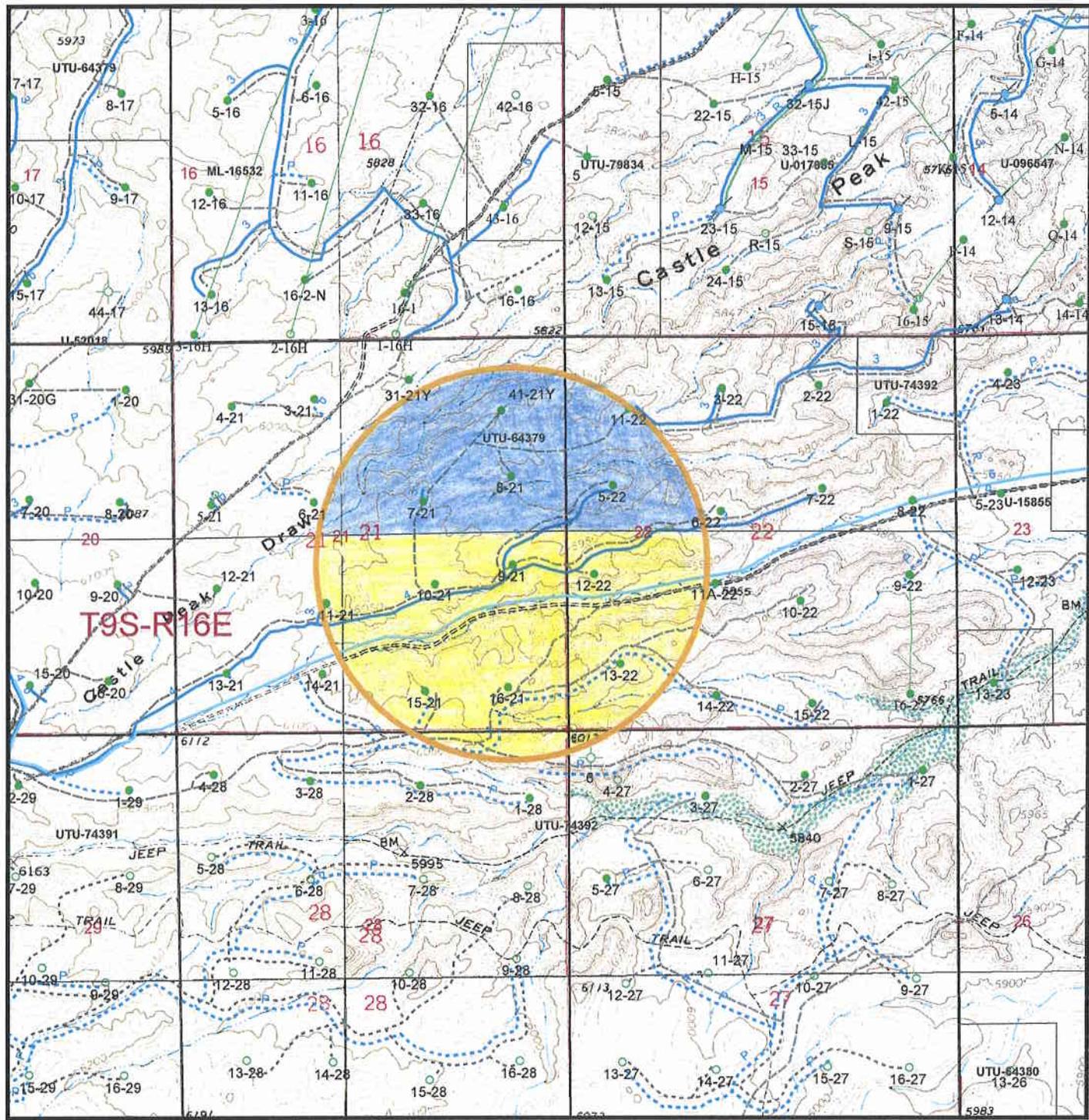
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

**2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

**2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.



**WellStatus\_HalfMile\_Buffer**

**Well Status**

- Location
- ⊕ CTI
- ⊕ Surface Spud
- ⊕ Drilling
- ⊕ Waiting on Completion
- Producing Oil Well
- ⊕ Producing Gas Well
- ⊕ Water Injection Well
- ⊕ Dry Hole
- ⊕ Temporarily Abandoned
- ⊕ Plugged & Abandoned
- ⊕ Shut In

**Countyline**

**Injection system**

- high pressure
- low pressure
- ⋯ proposed
- return
- ⋯ return proposed

**Leases**

**Mining tracts**

UTU-74392

UTU-64379

Federal 9-21  
Section 21, T9S-R16E

**NEWFIELD**  
ROCKY MOUNTAINS 1" = 2000'

**1/2 Mile Radius Map**  
Duchesne & Uintah Counties

1001 17th Street Suite 2000  
Denver, Colorado 80202  
Phone: (303) 893-0102

January 25, 2012

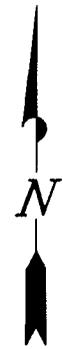
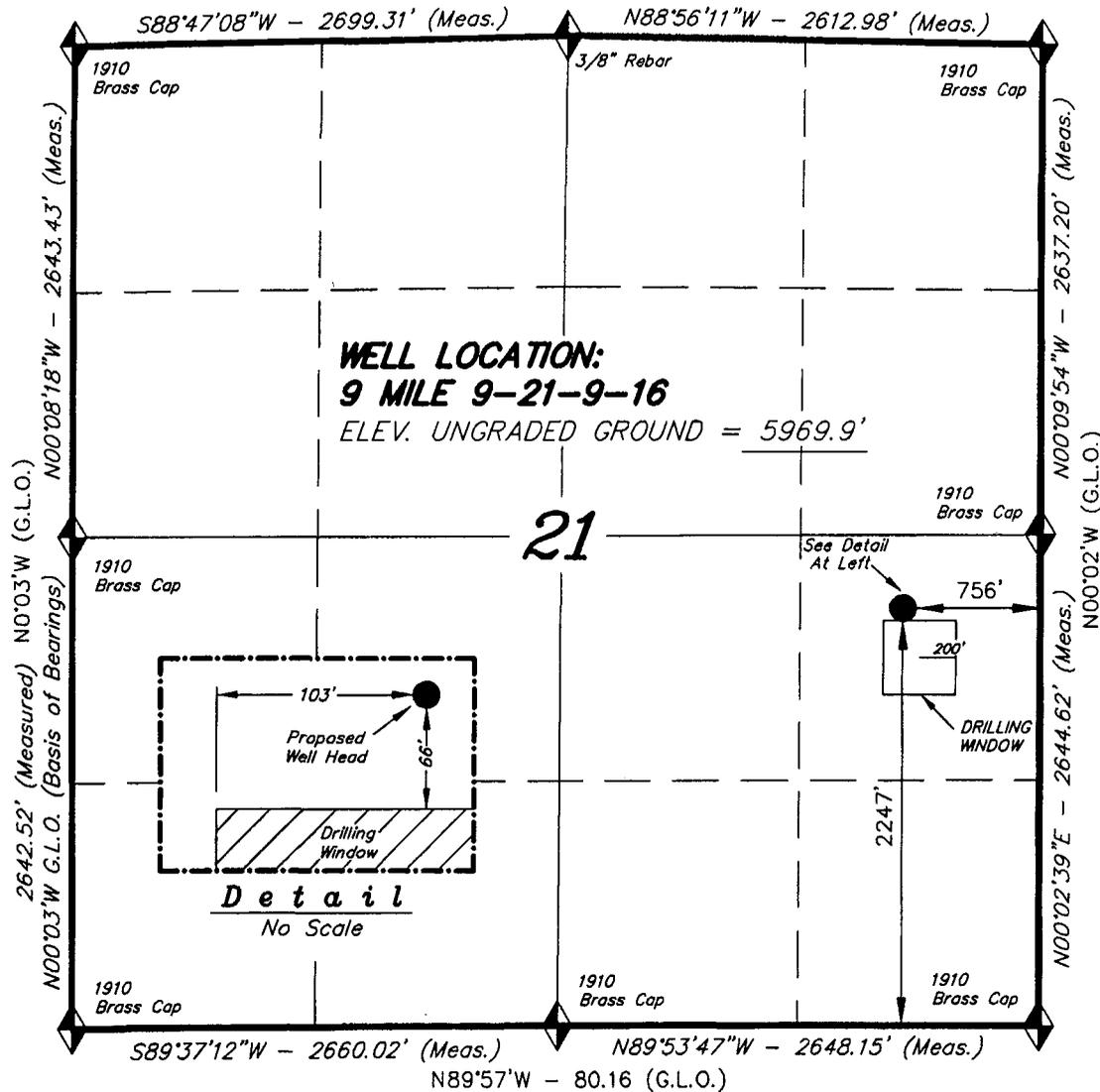
UTU-64380  
13-26

## T9S, R16E, S.L.B.&M.

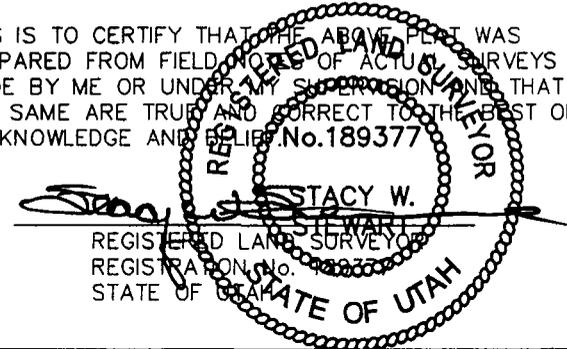
N89°57'W - 80.00 (G.L.O.)

## NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 9-21-9-16,  
LOCATED AS SHOWN IN THE NE 1/4 SE  
1/4 OF SECTION 21, T9S, 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



### TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 3-8-06	SURVEYED BY: C.M.
DATE DRAWN: 3-9-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

◆ = SECTION CORNERS LOCATED

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

**9 MILE 9-21-9-16**  
(Surface Location) NAD 83  
LATITUDE = 40° 00' 55.16"  
LONGITUDE = 110° 07' 03.04"

EXHIBIT B

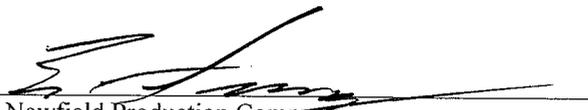
#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM	USA	Newfield Production Company	USA
	Section 21: S2	UTU-74392	Newfield RMI LLC	
	Section 22: NENE, S2	HBP	ABO Petroleum Corp	
	Section 23: SWSW		MYCO Industries Inc	
	Section 24: SESE		OXY Y-1 Corp	
	Section 26: NENE		Yates Petroleum Corp	
	Section 27: All			
	Section 28: All			
2	T9S-R16E SLM	USA	Newfield Production Company	USA
	Section 8: SWNE, SE	UTU-64379	Newfield RMI LLC	
	Section 9: SWSW	HBP	Yates Petroleum Corp	
	Section 17: NE			
	Section 18: E2SW, SE, Lots 3, 4			
	Section 19: NE, E2NW, Lots 1,2			
	Section 21: N2			
	Section 22: W2NE, SENE, NW			

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Federal #9-21-9-16

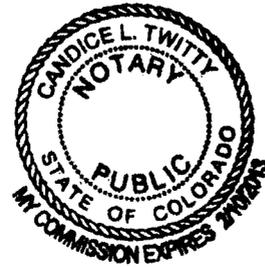
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed:   
Newfield Production Company  
Eric Sundberg  
Regulatory Lead

Sworn to and subscribed before me this 30<sup>th</sup> day of April, 2012.

Notary Public in and for the State of Colorado: Candice L. Twitty  
My Commission Expires  
02/10/2013

My Commission Expires: \_\_\_\_\_



## Federal 9-21-9-16

Spud Date: 07/31/09  
 Put on Production: 09/02/09  
 GL: 5970' KB: 5982'

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 6 jts. (264')  
 DEPTH LANDED: 322'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

### PRODUCTION CASING

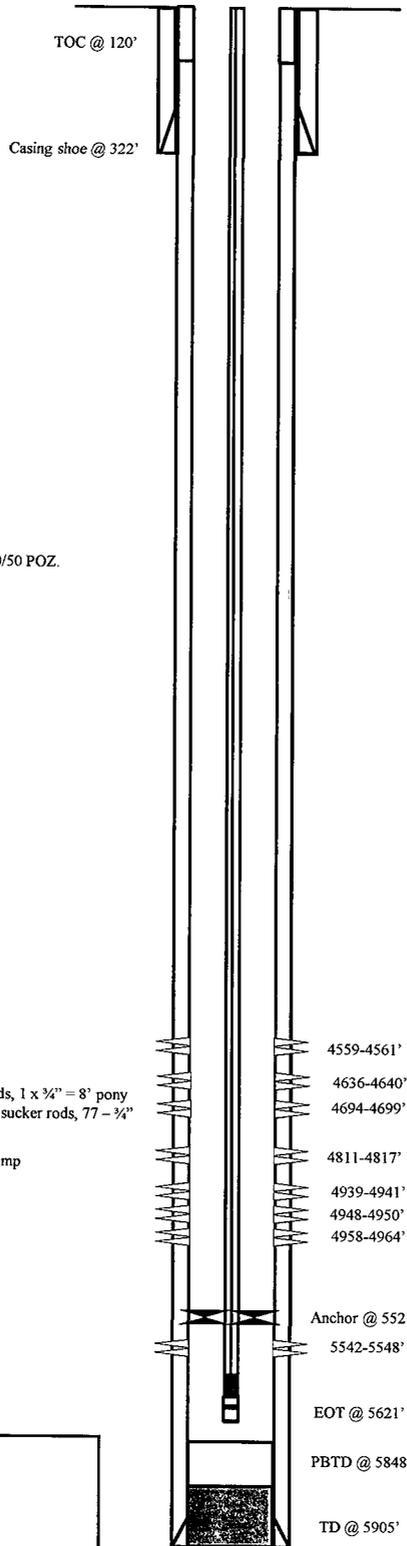
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 140 jts. (5836')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 5887.85'  
 CEMENT DATA: 260 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 120'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 172 jts (5509.1')  
 TUBING ANCHOR: 5521'  
 NO. OF JOINTS: 1 jts (31.4')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 5555.4' KB  
 NO. OF JOINTS: 2 jts (64.1')  
 TOTAL STRING LENGTH: EOT @ 5621'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 26'  
 SUCKER RODS: 2 x 3/4" = 8' pony rod, 1 x 3/4" = 6' pony rods, 1 x 3/4" = 8' pony rods, 104 - 3/4" = 2600' (4 per) guided rods, 34 - 3/4" = 850' sucker rods, 77 - 3/4" = 1925' (4 per) guided rods, 6 - 1 1/2" = 150' sinker bars  
 PUMP SIZE: CDI 2 1/2" x 1 1/25" x 17' RTBC McGyver pump  
 STROKE LENGTH: 122  
 PUMP SPEED, SPM 5



### FRAC JOB

9-2-09	5542-5548'	<b>Frac CP3 sands as follows:</b> Frac with 15136# 20/40 sand in 122 bbls Lightning 17 fluid.
9-2-09	4939-4964'	<b>Frac A3 sands as follows:</b> Frac with 115669# 20/40 sand in 698 bbls Lightning 17 fluid.
9-2-09	4811-4817'	<b>Frac B2 sands as follows:</b> Frac with 25293# 20/40 sand in 204 bbls Lightning 17 fluid.
9-2-09	4559-4699'	<b>Frac C, D1, &amp; D3 sands as follows:</b> Frac with 111451# 20/40 sand in 635 bbls Lightning 17 fluid.
11/25/10		Pump Change. Rod & tubing updated.
3/30/11		Tubing leak. Rod & tubing detail updated.

### PERFORATION RECORD

5542-5548'	3 JSPP	18 holes
4958-4964'	3 JSPP	18 holes
4948-4950'	3 JSPP	6 holes
4939-4941'	3 JSPP	6 holes
4811-4817'	3 JSPP	18 holes
4694-4699'	3 JSPP	15 holes
4636-4640'	3 JSPP	12 holes
4559-4561'	3 JSPP	6 holes

**NEWFIELD**

2303 FSL  
 532' FEL

Federal 9-21-9-16  
~~2247 FSL & 756 FEL~~ NE/SE  
 Section 21-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-33145; Lease #UTU-74392

## Federal 7-21-9-16

Spud Date: 4-27-07  
 Put on Production: 7-19-07  
 GL: 6006' KB: 6018'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (306.20')  
 DEPTH LANDED: 318.05' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 138 jts (6095.73')  
 DEPTH LANDED: 6094.98' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 236'

### TUBING

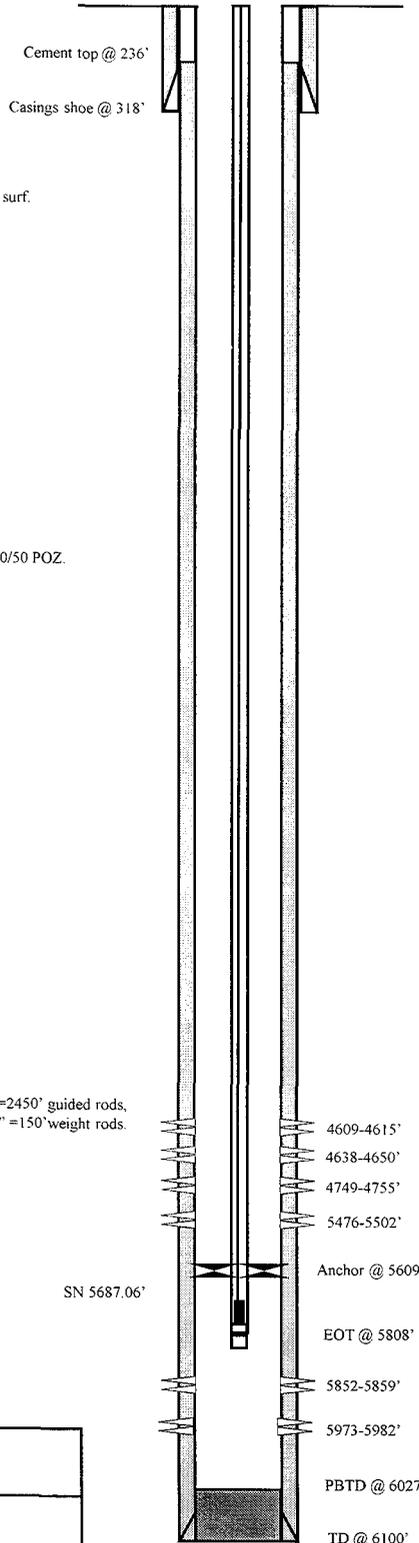
SIZE/GRADE/WT.: 2-7/8" / J-55  
 NO. OF JOINTS: 179 (5609.1')  
 TUBING ANCHOR: 5609.1'  
 NO. OF JOINTS: 2 jts (63.2')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5675.1'  
 NO. OF JOINTS: 1 jts (31.7')  
 NO. OF JOINTS: 3 Jts. 94.40'  
 TOTAL STRING LENGTH: EOT @ 5808'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM  
 SUCKER RODS: 1-4', 1-6', & 1-8' x 3/4" pony rods, 98- 3/4"=2450' guided rods, 90- 3/4"=2250' sucker rods, 32- 3/4"=800' guided rods, 6- 1 1/2"=150' weight rods.  
 PUMP SIZE: 2-1/2" x 1-1/4" x 16' x 20' CDI NF 181 J  
 STROKE LENGTH: 120"  
 PUMP SPEED, SPM: 5 SPM

### FRAC JOB

07-11-07	5973-5982'	<b>Frac BSC sands as follows:</b> 40929# 20/40 sand in 364 bbls Lightning 17 frac fluid. Treated @ avg press of 2699 psi w/avg rate of 24.8 BPM. ISIP 3967 psi. Calc flush: 5971 gal. Actual flush: 2129 gal.
07-16-07	5852-5859'	<b>Frac BSC sands as follows:</b> 15775# 20/40 sand in 299 bbls Lightning 17 frac fluid. Treated @ avg press of 2760 psi w/avg rate of 22.3 BPM. ISIP 2583 psi. Calc flush: 5850 gal. Actual flush: 5376 gal.
07-16-07	5476-5502'	<b>Frac CP1 sands as follows:</b> 116102# 20/40 sand in 859 bbls Lightning 17 frac fluid. Treated @ avg press of 1840 psi w/avg rate of 24.4 BPM. ISIP 2275 psi. Calc flush: 5474 gal. Actual flush: 4956 gal.
07-16-07	4749-4755'	<b>Frac C sand as follows:</b> 24885# 20/40 sand in 348 bbls Lightning 17 frac fluid. Treated @ avg press of 2138 w/ avg rate of 2448 BPM. ISIP 1780 psi. Calc flush: 4747 gal. Actual flush: 4284 gal.
07-16-07	4609-4650'	<b>Frac D1 &amp; D2 sand as follows:</b> 53260# 20/40 sand in 585 bbls Lightning 17 frac fluid. Treated @ avg press of 2082 w/ avg rate of 24.5 BPM. ISIP 1820 psi. Calc flush: 4691 gal. Actual flush: 4494 gal.
11-26-07		Pump Change. Updated rod & tubing details.
10/30/09		Pump Change. Updated rod & tubing details.
8/16/11		Parted Rods. Updated rod & tubing details.



### PERFORATION RECORD

07-05-07	5973-5982'	4 JSPF	36 holes
07-16-07	5852-5859'	4 JSPF	28 holes
07-16-07	5476-5502'	4 JSPF	104 holes
07-16-07	4749-4755'	4 JSPF	24 holes
07-16-07	4638-4650'	4 JSPF	48 holes
07-16-07	4609-4615'	4 JSPF	24 holes



**Federal 7-21-9-16**  
 2172' FNL & 1967' FEL  
 SW/NE Section 21-T9S-R16E  
 Duchesne Co, Utah  
 API # 43-013-33022; Lease # UTU-64379

# Federal 8-21-9-16

Spud Date: 6-7-7  
 Put on Production: 7-9-07  
 GL: 5944' KB: 5956'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (288.93')  
 DEPTH LANDED: 312.98' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

**PRODUCTION CASING**

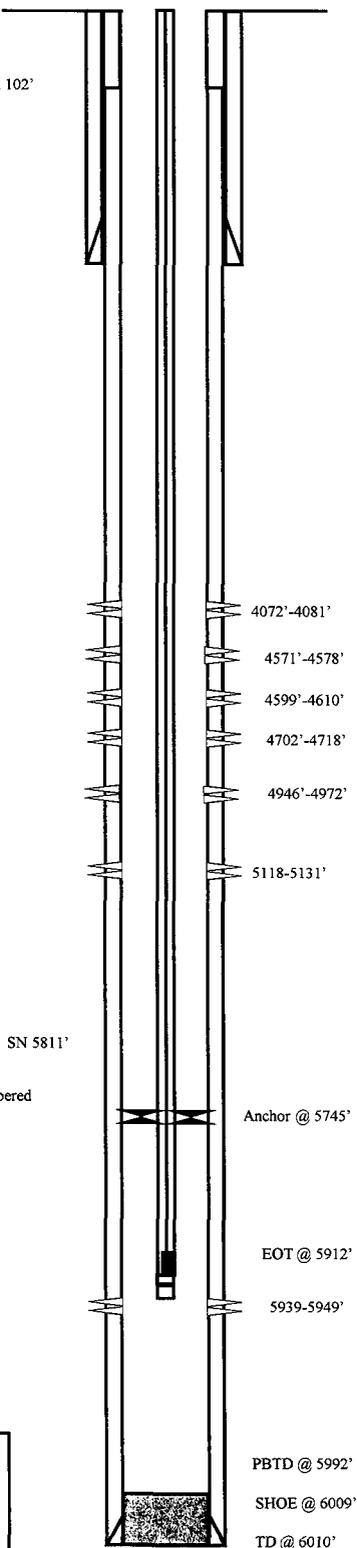
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts. (6009.83')  
 DEPTH LANDED: 6009.08' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.  
 CEMENT TOP AT: 102'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 182 jts (5733.1')  
 TUBING ANCHOR: 5745.01' KB  
 NO. OF JOINTS: 2 jts (63.4')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5811.24' KB  
 NO. OF JOINTS: 2 jts (61.1')  
 TOTAL STRING LENGTH: EOT @ 5912' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 26' SM  
 SUCKER RODS: 1-8", 1-6", 1-4" & 1-2" X 3/4" pony rods, 98- 3/4" scraped rods, 106- 3/4" plain rods, 20- 3/4" scraped rods, 6- 1/2" weight rods  
 PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC w/SM plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5 SPM



**FRAC JOB**

07-05-07	5939-5949'	<b>Frac BSC sands as follows:</b> 58253# 20/40 sand in 543 bbls Lightning 17 frac fluid. Treated @ avg press of 2135 psi w/avg rate of 24.5 BPM. ISIP 2834 psi. Calc flush: 5937 gal. Actual flush: 5859 gal.
08-21-07	5118-5131'	<b>Frac LODC sands as follows:</b> 80405# 20/40 sand in 985 bbls Lightning 17 frac fluid. Treated @ avg press of 2045 psi w/avg rate of 24.7 BPM. ISIP 2410 psi.
08-22-07	4946-4972'	<b>Frac A1 sands as follows:</b> 79934# 20/40 sand in 636 bbls Lightning 17 frac fluid. Treated @ avg press of 3383 psi w/avg rate of 22.2 BPM. ISIP 3225 psi. Calc flush: 5116 gal. Actual flush: 4612 gal
08-22-07	4702-4718'	<b>Frac C sands as follows:</b> 50281# 20/40 sand in 462 bbls Lightning 17 frac fluid. Treated @ avg press of 1735 psi w/avg rate of 24.7 BPM. ISIP 1850 psi.
08-22-07	4571-4610'	<b>Frac D1 &amp; D2 sands as follows:</b> 80148# 20/40 sand in 985 bbls Lightning 17 frac fluid. Treated @ avg press of 1780 psi w/avg rate of 24.7 BPM. ISIP 2055 psi
08-23-07	4072-4081'	<b>Frac GB6 sands as follows:</b> 32787# 20/40 sand in 366 bbls Lightning 17 frac fluid. Treated @ avg press of 1686 psi w/avg rate of 24.7 BPM. ISIP 1810 psi.
6/22/2010		Pump Change. Update rod ant tubing details

**PERFORATION RECORD**

Date	Interval	Tool	Holes
06-29-07	5939-5949'	4 JSPF	40 holes
08-20-07	5118-5131'	4 JSPF	52 holes
08-20-07	4956-4972'	4 JSPF	104 holes
08-20-07	4702-4718'	4 JSPF	64 holes
06-29-07	4599-4610'	4 JSPF	44 holes
08-20-07	4571-4578'	4 JSPF	28 holes
08-20-07	4072-4081'	4 JSPF	36 holes

**NEWFIELD**

**Federal 8-21-9-16**

1852' FNL & 771' FEL

SE/NE Section 21-T9S-R16E

Duchesne Co, Utah

API # 43-013-33023; Lease # UTU-64379

## FEDERAL 10-21-9-16

Spud Date: 05/12/07  
 Put on Production: 07/26/07  
 GL: 6032' KB: 6044'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (306.20')  
 DEPTH LANDED: 323.56' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 144 jts. (6041.1')  
 DEPTH LANDED: 6054.25' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP: 214'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
 NO. OF JOINTS: 176 jts (5540.93')  
 TUBING ANCHOR: 5552.93'  
 NO. OF JOINTS: 1 jts (31.50')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5587.23'  
 NO. OF JOINTS: 4 jts (123.34')  
 TOTAL STRING LENGTH: EOT @ 5717.80'

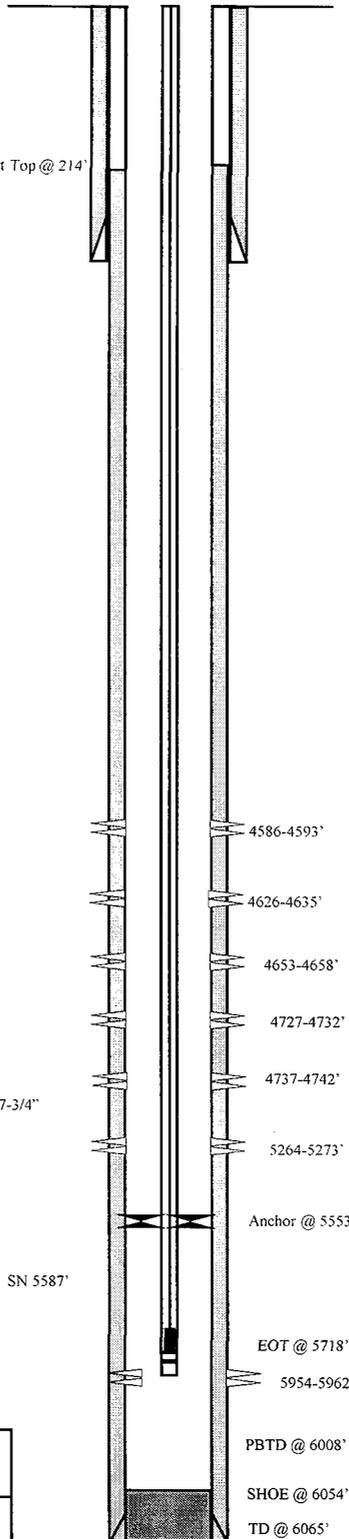
### SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods  
 SUCKER RODS: 1-8", 1-6" x 3/4" pony rods, 99-3/4" scraped rods, 97-3/4" plain rods, 20-3/4" scraped rods, 6-1 1/2" weight rods.  
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 15" RHAC W/ sm plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED: 4.5 SPM:

### FRAC JOB

07/20/07	5954-5962'	<b>Frac BSLS sands as follows:</b> 40380# 20/40 sand in 429 bbls Lightning 17 frac fluid. Treated @ avg press of 2388 psi w/avg rate of 24.9 BPM. ISIP 4330 psi. Calc flush: 5952 gal. Actual flush: 5208 gal.
07/20/07	5264-5273'	<b>Frac LODC sands as follows:</b> 15583# 20/40 sand in 279 bbls Lightning 17 frac fluid. Treated @ avg press of 2484 psi w/avg rate of 24.8 BPM. ISIP 2438 psi. Calc flush: 5262 gal. Actual flush: 4746 gal.
07/20/07	4727-4742'	<b>Frac C sands as follows:</b> 45637# 20/40 sand in 434 bbls Lightning 17 frac fluid. Treated @ avg press of 1823 psi w/avg rate of 24.8 BPM. ISIP 1756 psi. Calc flush: 4725 gal. Actual flush: 4284 gal.
07/20/07	4586-4658'	<b>Frac D3, D2, &amp; D1 sands as follows:</b> 0# 20/40 sand in 211 bbls Lightning 17 frac fluid. Treated @ avg press of 1823 psi w/avg rate of 24.8 BPM. ISIP 1597 psi. Calc flush: 4584 gal. Actual flush: 0 gal. (BJ blender broke.)
07/21/07	4586-4658'	<b>Frac D sands as follows:</b> 111055# 20/40 sand in 812 bbls Lightning 17 frac fluid. Treated @ avg press of 1670 psi w/avg rate of 24.8 BPM. ISIP 1770 psi. Calc flush: 4584 gal. Actual flush: 4578 gal
1-23-08		Parted rods. Updated rod & tubing details.
4/21/09		Pump Change. Updated r & t details.

Cement Top @ 214'



### PERFORATION RECORD

07/20/07	5954-5962'	4 JSPF	32 holes
07/20/07	5264-5273'	4 JSPF	36 holes
07/20/07	4737-4742'	4 JSPF	20 holes
07/20/07	4727-4732'	4 JSPF	20 holes
07/20/07	4653-5658'	4 JSPF	20 holes
07/20/07	4626-4635'	4 JSPF	36 holes
07/21/07	4586-4593'	4 JSPF	28 holes



**FEDERAL 10-21-9-16**  
 1992' FSL & 1810' FEL  
 NW/SE Section 21-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-33110; Lease # UTU-74392

## Federal 11-21-9-16

Spud Date: 7-04-07  
 Put on Production: 8-06-07  
 GL: 6040' KB: 6052'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (309.74')  
 DEPTH LANDED: 321.59' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts (6017.88')  
 DEPTH LANDED: 6031.13' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 223'

### TUBING

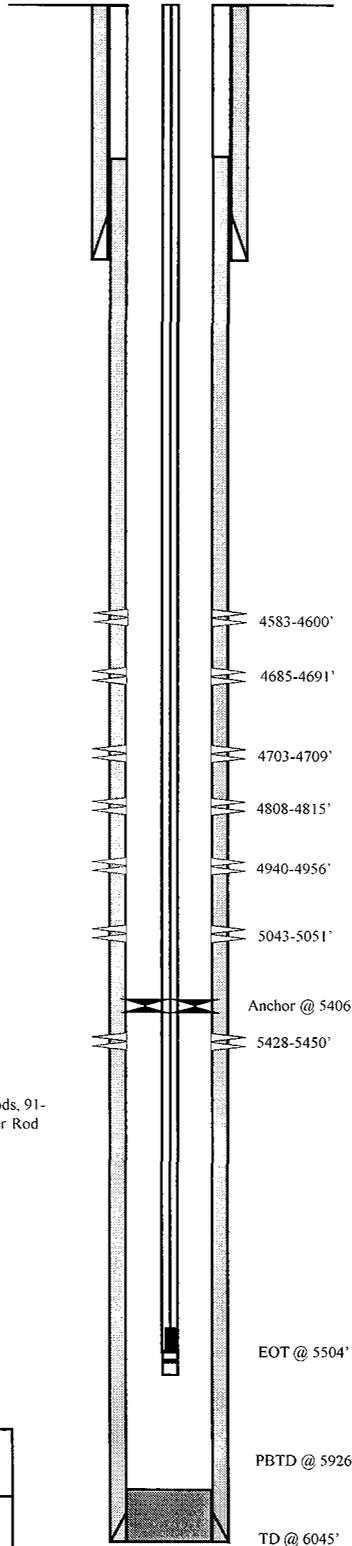
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 172 jts (5405.76')  
 TUBING ANCHOR: 5406' KB  
 NO. OF JOINTS: 1 jts (31.54')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5440.1' KB  
 NO. OF JOINTS: 2 jts (63.10')  
 TOTAL STRING LENGTH: EOT @ 5504' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM  
 SUCKER RODS: 1-2", 1-4", & 1-8" x 3/4" pony rods, 100-3/4" guided rods, 91-3/4" guided rods, 20-3/4" guided rods, 6-1 1/2" sinker bars, 1-1" Stabilizer Rod  
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' x 20' RHAC w/SM plunger  
 STROKE LENGTH: 102"  
 PUMP SPEED, SPM: 4.5 SPM

### FRAC JOB

08-01-07	5428-5450'	<b>Frac CP1 sands as follows:</b> 99480# 20/40 sand in 758 bbls Lightning 17 frac fluid. Treated @ avg press of 2388 psi w/avg rate of 24.8 BPM. ISIP 2100 psi. Calc flush: 5426 gal. Actual flush: 4839 gal.
08-01-07	5043-5051'	<b>Frac LODC sands as follows:</b> 24293# 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 2280 psi w/avg rate of 24.9 BPM. ISIP 2492 psi. Calc flush: 5041 gal. Actual flush: 4524 gal.
0801-07	4940-4956'	<b>Frac A3 sands as follows:</b> 70072# 20/40 sand in 595 bbls Lightning 17 frac fluid. Treated @ avg press of 2180 psi w/avg rate of 24.9 BPM. ISIP 2368 psi. Calc flush: 4938 gal. Actual flush: 4431 gal.
08-01-07	4808-4815'	<b>Frac B2 sand as follows:</b> 14168# 20/40 sand in 280 bbls Lightning 17 frac fluid. Treated @ avg press of 2415 w/ avg rate of 25 BPM. ISIP 1720 psi. Calc flush: 4806 gal. Actual flush: 4301 gal.
08-01-07	4685-4709'	<b>Frac C sand as follows:</b> 19350# 20/40 sand in 304 bbls Lightning 17 frac fluid. Treated @ avg press of 1870 w/ avg rate of 24.8 BPM. ISIP 1717 psi. Calc flush: 4683 gal. Actual flush: 4179 gal.
08-01-07	4583-4600'	<b>Frac D2 sand as follows:</b> 112592# 20/40 sand in 813 bbls Lightning 17 frac fluid. Treated @ avg press of 1600 w/ avg rate of 24.7 BPM. ISIP 1750 psi. Calc flush: 4581 gal. Actual flush: 4494 gal.
12/18/08 05/25/11		Stuck Pump. Updated rod & tubing details. Parted Rods Rod & tubing updated.



### PERFORATION RECORD

07-24-07	5428-5450'	4 JSPF	22 holes
08-01-07	5043-5051'	4 JSPF	32 holes
08-01-07	4940-4956'	4 JSPF	64 holes
08-01-07	4808-4815'	4 JSPF	28 holes
08-01-07	4703-4709'	4 JSPF	24 holes
08-01-07	4685-4691'	4 JSPF	24 holes
08-01-07	4583-4600'	4 JSPF	68 holes



**Federal 11-21-9-16**  
 1742' FSL & 2052' FWL  
 NE/SW Section 21-T9S-R16E  
 Duchesne Co, Utah  
 API # 43-013-33144; Lease # UTU-74392

## Federal 15-21-9-16

Spud Date: 5-16-07  
 Put on Production: 7-13-07  
 GL: 6043' KB: 6055'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (307.37')  
 DEPTH LANDED: 319.22' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 133 jts (5842.19')  
 DEPTH LANDED: 5855.44' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 128'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 164 jts (5169.2')  
 TUBING ANCHOR: 5181.2' KB  
 NO. OF JOINTS: 1 jts (31.6')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5215.6' KB  
 NO. OF JOINTS: 2 jts (63.3')  
 TOTAL STRING LENGTH: EOT @ 5280' KB

### SUCKER RODS

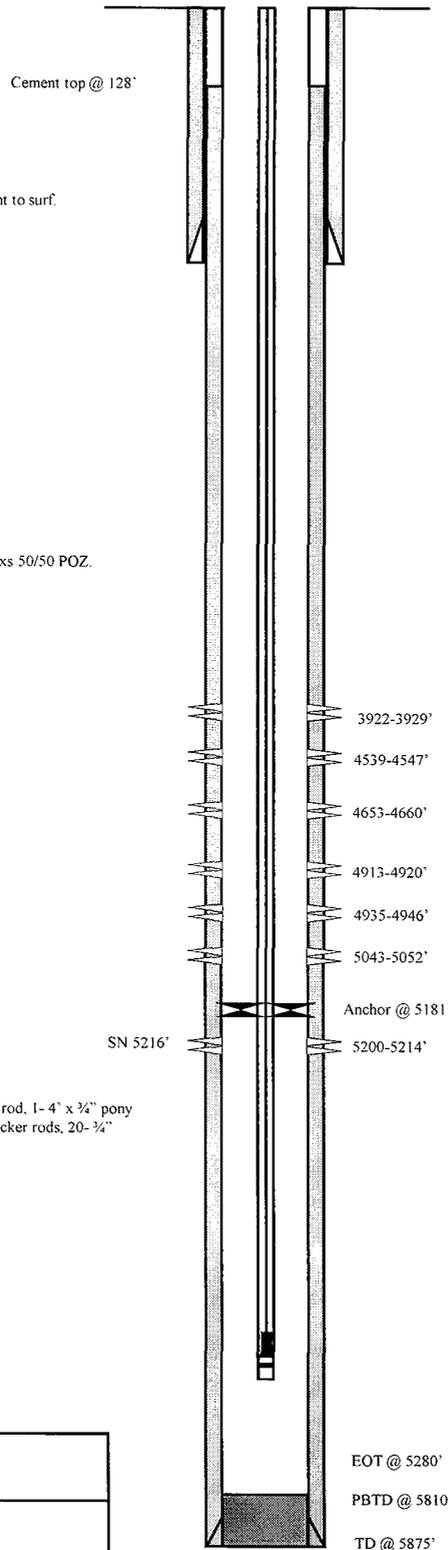
POLISHED ROD: 1-1/2" x 26' SM  
 SUCKER RODS: 1-8' x 3/4" pony rod, 1-6' x 3/4" pony rod, 1-4' x 3/4" pony rod, 1-2' x 3/4" pony rod, 99-3/4" guided rods, 82-3/4" sucker rods, 20-3/4" guided rods, 6-1 1/2" sinker bars  
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' x 12" RHAC  
 STROKE LENGTH: 74"  
 PUMP SPEED, SPM: 5 SPM

### FRAC JOB

07-05-07	5200-5214'	<b>Frac LODC sands as follows:</b> 49991# 20/40 sand in 493 bbls Lightning 17 frac fluid. Treated @ avg press of 2442 psi w/avg rate of 24.5 BPM. ISIP 2660 psi. Calc flush: 5198 gal. Actual flush: 4796 gal.
07-06-07	5043-5052'	<b>Frac LODC sands as follows:</b> 44714# 20/40 sand in 452 bbls Lightning 17 frac fluid. Treated @ avg press of 2384 psi w/avg rate of 24.3 BPM. ISIP 2743 psi. Calc flush: 5041 gal. Actual flush: 4578 gal.
07-06-07	4913-4946'	<b>Frac A3 sands as follows:</b> 80345# 20/40 sand in 626 bbls Lightning 17 frac fluid. Treated @ avg press of 1776 psi w/avg rate of 24.6 BPM. ISIP 2172 psi. Calc flush: 4911 gal. Actual flush: 4406 gal.
07-06-07	4653-4660'	<b>Frac C sand as follows:</b> 14684# 20/40 sand in 262 bbls Lightning 17 frac fluid. Treated @ avg press of 1891 w/avg rate of 24.5 BPM. ISIP 1694 psi. Calc flush: 4651 gal. Actual flush: 4187 gal.
07-06-07	4539-4547'	<b>Frac D1 sand as follows:</b> 35061# 20/40 sand in 409 bbls Lightning 17 frac fluid. Treated @ avg press of 1813 w/avg rate of 24.6 BPM. ISIP 1813 psi. Calc flush: 4537 gal. Actual flush: 3990 gal.
07-07-07	3922-3929'	<b>Frac GB2 sand as follows:</b> 20191# 20/40 sand in 288 bbls Lightning 17 frac fluid. Treated @ avg press of 1587 w/avg rate of 24.7 BPM. ISIP 1651 psi. Calc flush: 3920 gal. Actual flush: 3864 gal.
11/11/08		Pump Change. Updated rod & tubing details.
1/15/2010		Pump Change. Updated rod and tubing detail.
4/24/2010		Pump change. Updated rod and tubing detail.
10/26/10		Pump Change. Rod & Tubing detail updated.

### PERFORATION RECORD

06-15-07	5200-5214'	4 JSPF	56 holes
06-22-07	5043-5052'	4 JSPF	36 holes
06-22-07	4935-4946'	4 JSPF	44 holes
06-22-07	4913-4920'	4 JSPF	28 holes
06-22-07	4653-4660'	4 JSPF	28 holes
06-22-07	4539-4547'	4 JSPF	32 holes
06-22-07	3922-3929'	4 JSPF	28 holes



**NEWFIELD**

**Federal 15-21-9-16**

559' FSL & 1954' FEL

SW/SE Section 21-T9S-R16E

Duchesne Co, Utah

API # 43-013-33164; Lease # UTU-74392

## FEDERAL 16-21-9-16

Spud Date: 05/07/07  
 Put on Production: 07/05/07  
 GL: 6027' KB: 6039'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (311.91')  
 DEPTH LANDED: 323.76' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cnt, 3.5 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 135 jts. (5887.06')  
 DEPTH LANDED: 5900.31' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 328 sxs Prem. Lite II mixed & 402 sxs 50/50 POZ.  
 CEMENT TOP: 244'

### TUBING

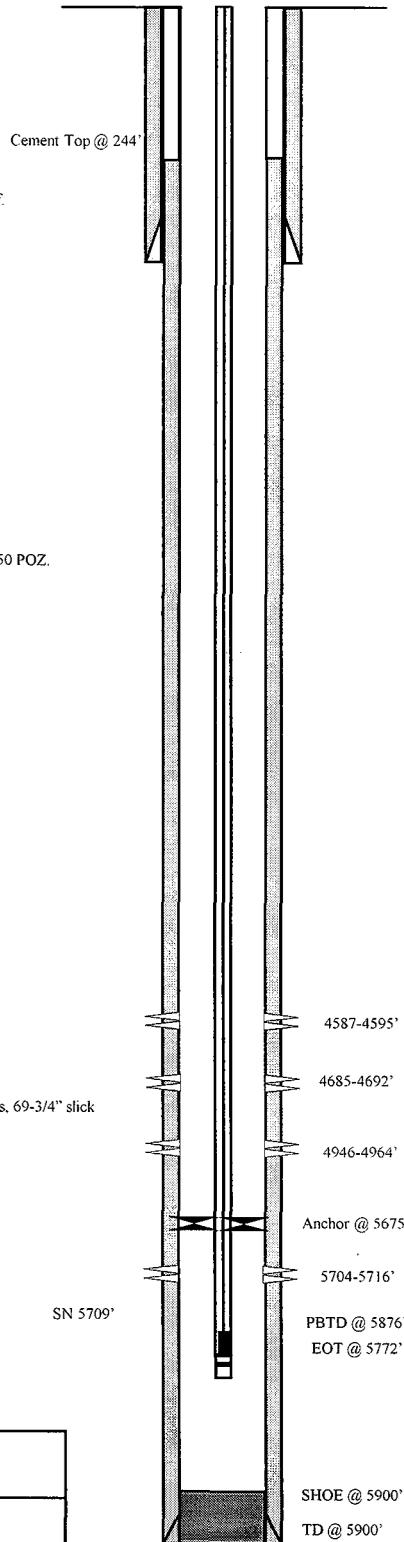
SIZE/GRADE/WT.: 2-7/8" / J-55 /  
 NO. OF JOINTS: 180 jts (5663.1')  
 TUBING ANCHOR: 5675.1'  
 NO. OF JOINTS: 1 jts (31.5')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5709.3'  
 NO. OF JOINTS: 2 jts (61.1')  
 TOTAL STRING LENGTH: EOT @ 5772'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 26' polished rod  
 SUCKER RODS: 1" x 3/4" pony rods, 100-3/4" scraped rods, 69-3/4" slick rods, 53-3/4" scraped rods, 6-1 1/2" weight rods.  
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12 x 16' RHAC  
 STROKE LENGTH: 86"  
 PUMP SPEED: 5 SPM:

### FRAC JOB

06/28/07	5704-5716'	<b>Frac CP5 sands as follows:</b> 55584# 20/40 sand in 485 bbls Lightning 17 frac fluid. Treated @ avg press of 2306 psi w/avg rate of 24.5 BPM. ISIP 2630 psi. Calc flush 5702 gal. Actual flush: 5162 gal.
06/29/07	4946-4964'	<b>Frac A1 sands as follows:</b> 140302# 20/40 sand in 956 bbls Lightning 17 frac fluid. Treated @ avg press of 1929 psi w/avg rate of 24.8 BPM. ISIP 2095 psi. Calc flush: 4944 gal. Actual flush: 4439 gal.
06/29/07	4685-4692'	<b>Frac C sands as follows:</b> 24299# 20/40 sand in 323 bbls Lightning 17 frac fluid. Treated @ avg press of 1973 psi w/avg rate of 24.6 BPM. ISIP 1950 psi. Calc flush: 4683 gal. Actual flush: 4225 gal.
06/29/07	4587-4595'	<b>Frac D2 sands as follows:</b> 72627# 20/40 sand in 606 bbls Lightning 17 frac fluid. Treated @ avg press of 1400 psi w/avg rate of 24.7 BPM. ISIP 1838 psi. Calc flush: 4585 gal. Actual flush: 4536 gal.
10/16/07		Stuck Pump. Updated rod & tubign details.
05/27/08		Major Workover. Rod & Tubing updated.
05/27/08	4587-4595'	<b>Acidize D2 sands:</b> Pump 250 gals techni-hib 767, W/ 200 gals acid, ISIP @ 1339 psi.
05/27/08	4685-4692'	<b>Acidize C sands:</b> Pump 250 gals techni-hib 767, W/ 200 gals acid, ISIP @ 1343 psi.
05/27/08	4946-4964'	<b>Acidize A1 sands:</b> Pump 500 gals techni-hib 767, W/ 400 gals acid, ISIP @ 1179 psi
05/27/08	5704-5716'	<b>Acidize CP5 sands:</b> Pump 375 gals techni-hib 767, W/ 300 gals acid, ISIP @ 2066 psi
4/23/09		Tubing Leak. Updated r & t details.
8/25/2010		Tubing Leak. Update rod and tubing details.



### PERFORATION RECORD

06/28/07	5704-5716'	4 JSPF	48 holes
06/29/07	4946-4964'	4 JSPF	72 holes
06/29/07	4685-4692'	4 JSPF	28 holes
06/29/07	4587-4595'	4 JSPF	32 holes



**FEDERAL 16-21-9-16**

606' FSL & 831' FEL

SE/SE Section 21-T9S-R16E

Duchesne Co, Utah

API #43-013-33165; Lease # UTU-74392

## Federal 5-22-9-16

Spud Date: 3-18-08  
 Put on Production: 5-9-08  
 GL: 5918' KB: 5930'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts  
 DEPTH LANDED: 318'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: To surface with 160 sx Class "G" cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 141 jts  
 DEPTH LANDED: 5920'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 114'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 167 jts (5256.2')  
 TUBING ANCHOR: 5268.2'  
 NO. OF JOINTS: 2 jts (63.20')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5331.1' KB  
 NO. OF JOINTS: 2 jts (62.76')  
 TOTAL STRING LENGTH: EOT @ 5397.0

### SUCKER RODS

POLISHED ROD: 1-1/2" x 26'  
 SUCKER RODS: 1-2", 2-6' x 3/4" pony rods, 99-3/4" guided rods, 59-3/4" guided rods, 48-3/4" guided rods, 6-1 1/2" weight rods.  
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12"x15" RHAC pump w/SM plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 4 SPM

### FRAC JOB

05-06-08 5307-5313' **RU BJ & frac LODC sds as follows:**  
 99,254# 20/40 sand in 750 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2444 w/ ave rate of 28.6 bpm w/ 8 ppg of sand. ISIP was 2669. Actual Flush: 4746 gal.

05-06-08 4916-4923' **RU BJ & frac stage #2 as follows:**  
 19,006# 20/40 sand in 304 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2172 w/ ave rate of 23.4 bpm w/ 6.5 ppg of sand. ISIP was 2395. Actual Flush: 4452 gal.

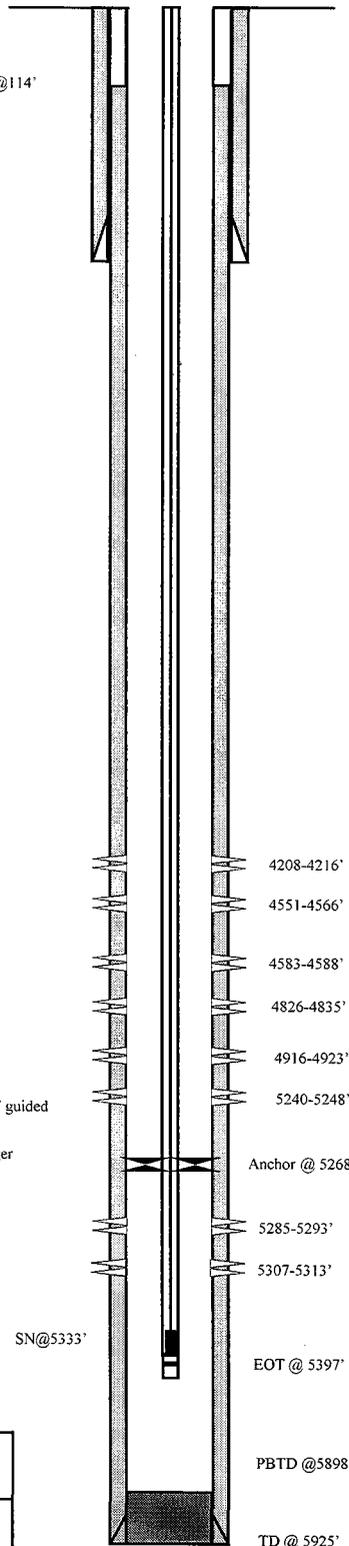
05-06-08 4826-4835' **RU BJ & frac stage #3 as follows:**  
 29,485# 20/40 sand in 377 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1724 w/ ave rate of 23.4 bpm w/ 6.5 ppg of sand. ISIP was 1676. Actual Flush: 4326 gal.

05-06-08 4551-4556' **RU BJ & frac stage #4 as follows:**  
 19,618# 20/40 sand in 297 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1788 w/ ave rate of 23.2 bpm w/ 6.5 ppg of sand. ISIP was 1868. Actual Flush: 4074 gal.

05-06-08 4208-4216' **RU BJ & frac stage #5 as follows:**  
 24,768# 20/40 sand in 330 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2518 w/ ave rate of 23.2 bpm w/ 6.5 ppg of sand. ISIP was 2984. Actual Flush: 4116 gal.

10/7/09

Tubing Leak. Updated rod & tubing details.



### PERFORATION RECORD

Date	Interval	Tool	Holes
04-24-08	5307-5313'	4 JSPF	24 holes
04-30-08	5285-5293'	4 JSPF	32 holes
04-30-08	5240-5248'	4 JSPF	32 holes
04-30-08	4916-4923'	4 JSPF	28 holes
04-30-08	4826-4835'	4 JSPF	36 holes
04-30-08	4583-4588'	4 JSPF	20 holes
04-30-08	4551-4566'	4 JSPF	20 holes
04-30-08	4208-4216'	4 JSPF	32 holes



**Federal 5-22-9-16**  
 1989' FNL & 613' FWL  
 SW/NW Section 22-T9S-R16E  
 Duchesne Co, Utah  
 API # 43-013-33025; Lease # UTU-64379

Spud Date: 4/28/2009  
 Put on Production: 7/22/2009  
 GL: 5966' KB: 5978'

# Federal 12-22-9-16

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (275')  
 HOLE SIZE: 12-1/4"  
 DEPTH LANDED: 326' KB  
 CEMENT DATA: 160 sx class 'G' cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 148 jts (5828')  
 HOLE SIZE: 7 7/8"  
 DEPTH LANDED: 5881.89'  
 CEMENT DATA: 275 sx Prem. Lite and 401 sx 50/50 poz  
 CEMENT TOP AT: 56'

### TUBING

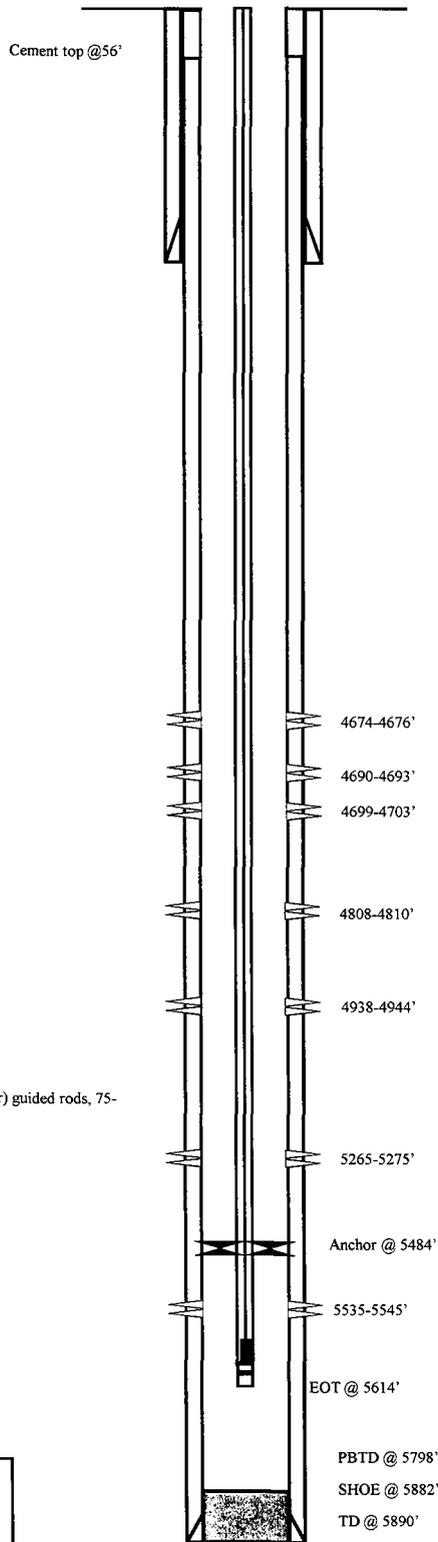
SIZE/GRADE/WT.: 2-7/8" / J-55  
 NO. OF JOINTS: 174jts (5389')  
 TUBING ANCHOR: 5484' KB  
 NO. OF JOINTS: 2 jts (62.9')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 5549' KB  
 NO. OF JOINTS: 2 jts (63.1')  
 TOTAL STRING LENGTH: EOT @ 5614'

### SUCKER RODS

POLISHED ROD: 1 1/2" X 26' polished rod  
 SUCKER RODS: 1-4", 6", 8" x 3/4" pony rod, 100- 3/4" (4 per) guided rods, 75- 3/4" sucker rods, 40- 3/4" guided rods, 6-1 1/2" sinker bars.  
 PUMP SIZE: 2 1/2" x 1 1/2" x 16' x 19 1/2' RHAC pump  
 STROKE LENGTH: ?"  
 PUMP SPEED, SPM: ?

### FRAC JOB

7-23-09 5535-5545' **Frac CP3 sands as follows:**  
 Frac with 34,344# 20/40 sand in 249 bbls of Lightning 17 fluid.  
 7-23-09 5265-5275' **Frac LODC sands as follows:**  
 Frac with 65,879# 20/40 sand in 147 bbls of Lightning 17 fluid.  
 7-23-09 4808-4944' **Frac A3 & B2 sands as follows:**  
 Frac with 34,625# 20/40 sand in 285 bbls of Lightning 17 fluid.  
 7-23-09 4674-4703' **Frac C sands as follows:**  
 Frac with 34344# 20/40 sand in 249 bbls of Lightning 17 fluid.  
 03/16/2011 **Tubing Leak.** Rod & tubing deatail updated.



### PERFORATION RECORD

5535-5545'	3 JSPF	30 holes
5265-5275'	3 JSPF	30 holes
4938-4944'	3 JSPF	18 holes
4808-4810'	3 JSPF	6 holes
4699-4703'	3 JSPF	12 holes
4690-4693'	3 JSPF	9 holes
4674-4676'	3 JSPF	6 holes

**NEWFIELD**

**Federal 12-22-9-16**

2113' FSL & 349' FWL NW/SW  
 Section 22-T9S-R16E  
 Duchesne Co, Utah  
 API # 43-013-33586; Lease # UTU-74392

## Federal 13-22-9-16

Spud Date: 5-9-2007  
Put on Production: 6-25-2007

GL: 5994' KB: 6006'

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (302.02')  
DEPTH LANDED: 313.87' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 134 jts (5879.22')  
DEPTH LANDED: 5892.47' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 325 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.  
CEMENT TOP AT: 60'

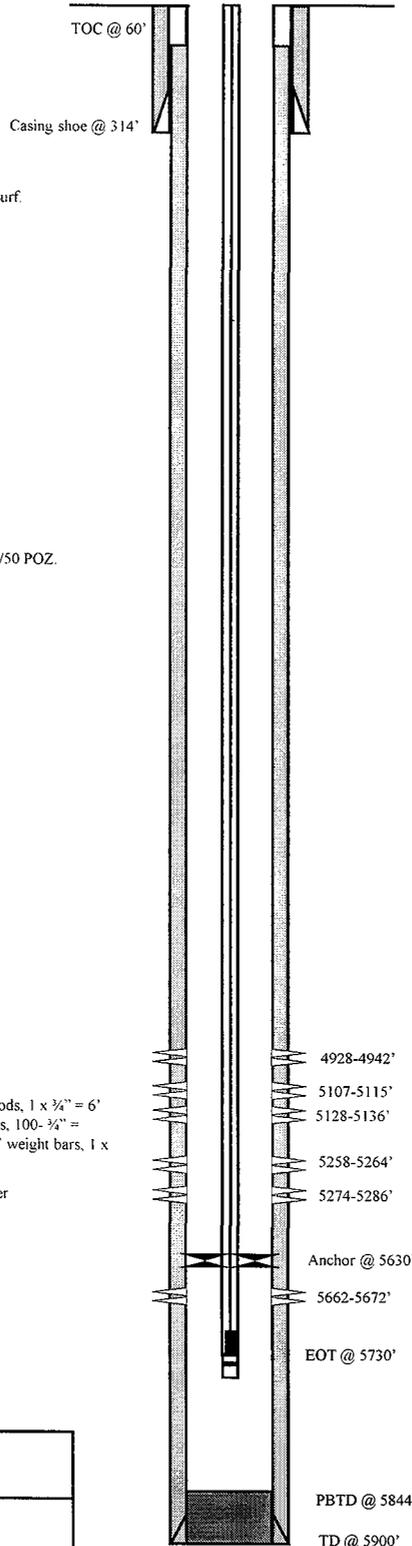
### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 179 jts (5630.4')  
TUBING ANCHOR: 5630.4' KB  
NO. OF JOINTS: 1 jts (31.60')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5664.8' KB  
NO. OF JOINTS: 2 jts (63.3')  
TOTAL STRING LENGTH: EOT @ 5730'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM  
SUCKER RODS: 1 X 3/4" = 2' pony rods, 1 x 3/4" = 4' pony rods, 1 x 3/4" = 6' pony rods, 1 x 3/4" = 8' pony rods, 99-3/4" = 2475' guided rods, 100-3/4" = 2500' sucker rods, 20-3/4" = 500' guided rods, 6-1 1/2" = 150' weight bars, 1 x 1" = 4' stabilizer rod  
PUMP SIZE: 2-1/2" x 1-1/4" x 12 x 16' RHAC w/SM plunger  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 5 SPM

### Wellbore Diagram



Initial Production: BOPD,  
MCFD, BWPD

### FRAC JOB

Date	Well ID	Description
06-19-07	5662-5672'	<b>Frac CP5 sands as follows:</b> 41156# 20/40 sand in 409 bbls Lightning 17 frac fluid. Treated @ avg press of 1991 psi w/avg rate of 21.8 BPM. ISIP 2175 psi. Calc flush: 5660 gal. Actual flush: 5158 gal.
06-19-07	5258-5286'	<b>Frac LODC sands as follows:</b> 79611# 20/40 sand in 602 bbls Lightning 17 frac fluid. Treated @ avg press of 2528 psi w/avg rate of 21.8 BPM. ISIP 2750 psi. Calc flush: 5256 gal. Actual flush: 4788 gal.
06-18-07	5107-5136'	<b>Frac LODC sands as follows:</b> 55106# 20/40 sand in 451 bbls Lightning 17 frac fluid. Treated @ avg press of 2838 psi w/avg rate of 24.7 BPM. ISIP 3235 psi. Calc flush: 5105 gal. Actual flush: 4620 gal.
06-19-07	4928-4942'	<b>Frac A1 sands as follows:</b> 59043# 20/40 sand in 475 bbls Lightning 17 frac fluid. Treated @ avg press of 1937 psi w/avg rate of 24.7 BPM. ISIP 2260 psi. Calc flush: 4926 gal. Actual flush: 4872 gal.
08/27/07		Pump Change
5/29/08		Stuck pump
1/31/09		Pump Change. Updated r & t detail.
3/16/2011		Pump Change. Updated rod & tubing detail.

### PERFORATION RECORD

Date	Well ID	Perforation Type	Holes
06-18-07	5662-5672'	4 JSPF	40 holes
06-19-07	5274-5286'	4 JSPF	48 holes
06-19-07	5258-5264'	4 JSPF	24 holes
06-19-07	5128-5136'	4 JSPF	32 holes
06-19-07	5103-5110'	4 JSPF	32 holes
06-19-07	4928-4942'	4 JSPF	56 holes

**NEWFIELD**

**Federal 13-22-9-16**

906' FSL & 702' FWL

SW/SW Section 22-T9S-R16E

Duchesne Co, Utah

API # 43-013-33148; Lease # UTU-74392

## Federal 11-24-9-16

Spud Date: 1/28/08  
 Put on Production: 03/27/08  
 GL: 5524' KB: 5536'

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (324.53')  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 134jts. (5713')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 5683.90'  
 CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 98'

#### TUBING

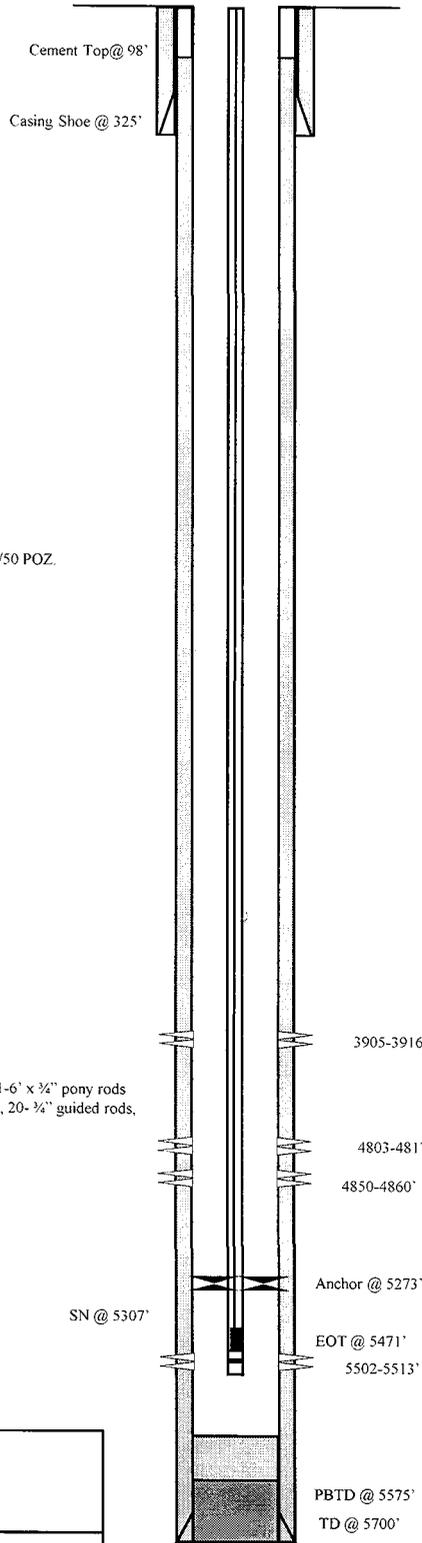
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 167 jts (5260.7')  
 TUBING ANCHOR: 5272.7'  
 NO. OF JOINTS: 1 jts (31.7')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5307.1' KB  
 NO. OF JOINTS: 2 jts (63.0')  
 PBGA: 3 @ 5.20' (5371.2')  
 NO. OF JOINTS: 3 (94.4')  
 TOTAL STRING LENGTH: EOT @ 5471.0'

#### SUCKER RODS

POLISHED ROD: 1-1/2" x 26'  
 SUCKER RODS: 1-2' x 3/4" pony rods, 1-4' x 3/4" pony rods, 1-6' x 3/4" pony rods  
 1-8' x 3/4" pony rod, 98- 3/4" guided rods, 87- 3/4" guided rods, 20- 3/4" guided rods,  
 6- 1 1/2" weight bars  
 PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 15" RHAC  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5

#### FRAC JOB

3-17-08	5502-5513'	<b>Frac CP.5 sands as follows:</b> Frac with 19765# 20/40 sand in 317bbbs Lightning 17 fluid. Treat with ave pressure of 2298 psi @ 25.0 BPM. ISIP 1934 psi.
3-17-08	4803-4860'	<b>Frac A3 &amp; A1 sands as follows:</b> Frac with 44956# 20/40 sand in 505 bbbs Lightning 17 fluid. Treat with ave pressure of 2193psi @ 24.5 BPM. ISIP 2242psi.
3-17-08	3905-3916'	<b>Frac GB6 sands as follows:</b> Frac with 35394# 20/40 sand in 401 bbbs Lightning 17 fluid. Treat with ave pressure of 1791psi @ 24.8 BPM. ISIP 1896 psi
1/11/10		Parted rods. Updated rod and tubing detail.



#### PERFORATION RECORD

3905-3916'	4 JSPF	44 holes
4803-4817'	4 JSPF	56 holes
4850-4860'	4 JSPF	40 holes
5502-5513'	4 JSPF	44 holes



**Federal 11-24-9-16**  
 1852' FSL & 2094' FWL  
 NESW Section 24 -T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-33340; Lease UTU-15855

## Monument Federal #11-22

Spud Date:  
Put on Production:  
GL: 5917' KB: 5927'

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8 5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (248.10')  
DEPTH LANDED: 258.10' KB  
HOLE SIZE: 12 1/4"  
CEMENT DATA: 160sxs Class "G" mixed cmt. est 5 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5 1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 145 jts. (5648.71')  
DEPTH LANDED: 5658.71' KB  
HOLE SIZE: 7 7/8"  
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ mix.  
CEMENT TOP AT: 474'

### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
NO. OF JOINTS: 155 jts (4848.93')  
NO. OF JOINTS: 2jts (62.78)  
SEATING NIPPLE: 2 7/8" (1.10')  
SN LANDED AT: 4858.93' KB  
NO. OF JOINTS: 1jts (31.45)  
TOTAL STRING LENGTH: EOT @ 4957.51' w/ 12' KB

### SUCKER RODS

POLISHED ROD: 1-1/4" x 22' SM  
SUCKER RODS: 2-2', 1-4', 6', 8' X 3/4" pony rods, 170- 3/4" plain rods, 20- 3/4" guided rods, 6- 1 1/2" weight rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 14 1/2' RHAC w/SM plunger  
STROKE LENGTH: 74"  
PUMP SPEED, SPM: 5 SPM

### ACID JOB /BREAKDOWN

9/6/96 4754'-4761' BJ Services: 1428 gal 2% KCL  
4871'-4878' water w/ 28 ball sealers. Balled  
4880'-4884' off. ATP= 1900 psi, ATR= 3.0 bpm,  
ISIP= 1400 psi.

9/6/96 4871'-4878' BJ Services: 1596 gal 2% KCL  
4890'-4894' water w/ 44 ball sealers. Balled  
off. ATP= 1600 psi, ATR= 3.0 bpm,  
ISIP= 1300 psi.

9/7/96 4057'-4066' BJ Services: 2268 gal 2% KCL  
water w/ 72 ball sealers. Ball  
action but no ball off. ATP= 2000 psi,  
ATR= 3.5 bpm, ISIP=1400 psi.

### FRAC JOB

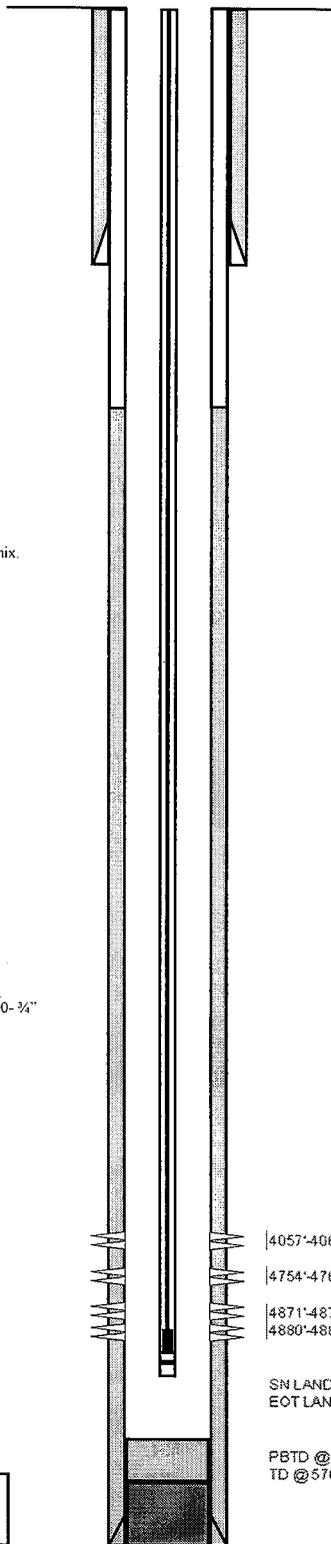
9/7/96 4754'-4761' BJ Services: 24,402 gal 2%  
4871'-4878' KCL water w/ 80,100# 16/30  
4890'-4894' sand. ATP= 2200 psi, ATR=  
35.4 bpm, ISIP= 2100 psi,  
5 min=1780 psi, 10 min= 1690 psi,  
15 min= 1640 psi.

9/7/96 4057'-4066' BJ Services: 14,532 gal 2%  
KCL water w/ 39,000# 16/30  
sand. ATP= 2000 psi, ATR= 31.0 bpm,  
ISIP= 1600 psi, 5 min= 1400 psi,  
10 min= 1290 psi, 15 min= 1230 psi,  
30 min= 1130 psi.

### PERFORATION RECORD

Date	Company	Interval	SPF
9/6/96	Schlumberger	4754'-4761'	2 SPF
		4871'-4878'	2 SPF
		4880'-4884'	2 SPF
9/7/96	Schlumberger	4057'-4066'	4 SPF

3-20-08 Workover. Updated rod and tubing detail.



**Monument Federal 11-22-9-16Y**  
957' FNL & 832' FWL  
NW/NW Section 22-T9S-R16E  
Duchesne Co, Utah  
API #43-013-31647; Lease #UTU-64379

## Balcron Federal #41-21y

Wellbore Diagram

Elev.GR - 5953.5' GL  
Elev.KB - 5966' (13' KB)

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 250'  
DEPTH LANDED: 258' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 15 sks class "G"

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 6004.02'  
DEPTH LANDED: 5999' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 165 sks thrifty lite. Tailed  
w/ 275 sks 50-50 POZ.

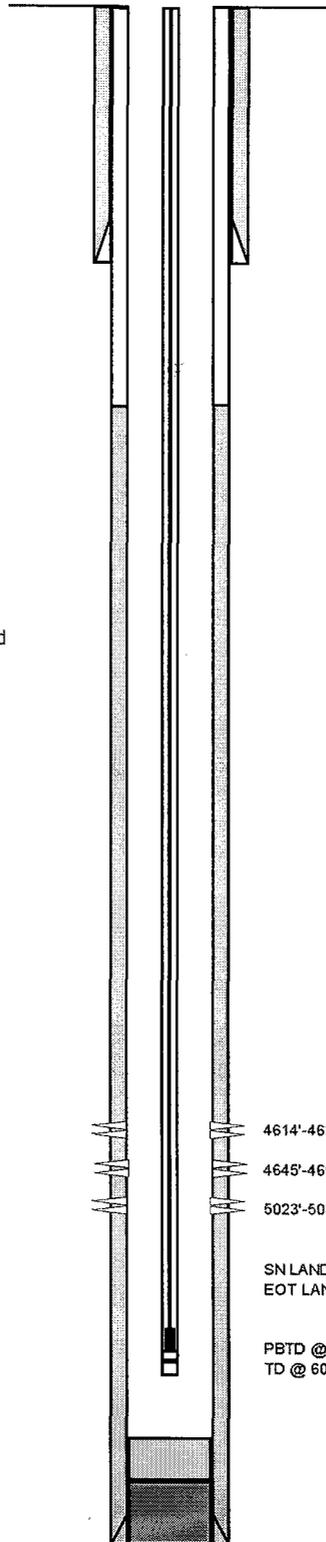
CEMENT TOP AT: 2980' KB

### TUBING

SIZE/GRADE/WT.: 2-7/8" 8rd EUE / J-55 / 6.5#  
NO. OF JOINTS: 144 jts  
TUBING ANCHOR: 2-7/8"x5-1/2"  
NO. OF JOINTS: 21 Jts  
SEATING NIPPLE: 2-7/8"x1.10'  
PERFORATED SUB: 2-7/8"x3.20'  
MUD ANCHOR: 2-7/8"x31.82'  
STRING LENGTH:  
SN LANDED AT:

### SUCKER RODS

POLISHED ROD: 1-1/4"x22' SM  
SUCKER RODS:  
2-3/4"x4' Pony  
1-3/4"x8' Pony  
195-3/4"x25' Plain  
8-1"x25' EL w/2.5 guides  
TOTAL STRING LENGTH: 5061'  
PUMP NUMBER: Trico #1193  
PUMP SIZE: 2-1/2"x1-1/2"x16' RWAC  
STROKE LENGTH: 58 inches  
PUMP SPEED, SPM: 6.5 SPM  
PUMPING UNIT SIZE:  
PUMPING UNIT:  
PRIME MOVER:



### ACID JOB /BREAKDOWN

8/24/93	5023'-5036'	Halliburton: ATP=2500 psi, ATR=2.5 bpm, ISIP=1950 psi.
8/28/96	4645'-4650' 4614'-4624'	Halliburton: ATR=6.5 bpm, ATP=2650 psi.

### FRAC JOB

8/25/93	5023'-5036'	No vols or quantities in report. Max. Rate=36 bpm, max. Press.=3200 psi, ATP=2470 psi, ISIP=2084 psi, 5 min=1770 psi, 10 min=1723 psi, 15 min=1672 psi.
8/28/96	4645'-4650' 4614'-4624'	Halliburton: No vols or quantities in report. Max. Rate=35 bpm, ISIP=1972 psi, 5 min=1791 psi, 10 min=1679 psi, 15 min=1607 psi.

### PERFORATION RECORD

8/23/93	Cutter	5023'-5036'	2 SPF
8/27/93	Schlumberger	4645'-4650' 4614'-4624'	1 SPF 1 SPF

4614'-4624'

4645'-4650'

5023'-5036'

SN LANDED @5061' KB  
EOT LANDED @ 5098' KB

PBD @ 5950' KB  
TD @ 6000' KB



Balcron Federal #41-21y

Monument Butte

Lease #U-64379

NE NE Section 21, T9S, R16E

970.2' FNL, 893.8 FEL

Duchesne County, Utah

API # 43-013-31392

## Federal 11A-22-9-16

Spud Date: 5-15-07  
 Put on Production: 7-18-07  
 GL: 5867' KB: 5879'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jnts (311.35')  
 DEPTH LANDED: 323.2' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 134 jnts (5829.37')  
 DEPTH LANDED: 5842.62' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TO SURFACE: 183'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 178 jts (5538.8')  
 TUBING ANCHOR: 5538.8' KB  
 NO. OF JOINTS: 2 jts (63.2')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5604.8' KB  
 NO. OF JOINTS: 2 jts (60.4')  
 TOTAL STRING LENGTH: EOT @ 5667' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM  
 SUCKER RODS: 1-8' x 3/4" pony rod, 1-4' x 3/4" pony rod, 1-2' x 3/4" pony rod, 100-3/4" guided rods, 52-3/4" guided rods, 66-3/4" guided rods, 6-1 1/2" weight bars  
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' x 20' RHAC w/SM plunger  
 STROKE LENGTH: 120  
 PUMP SPEED, SPM: 5

### FRAC JOB

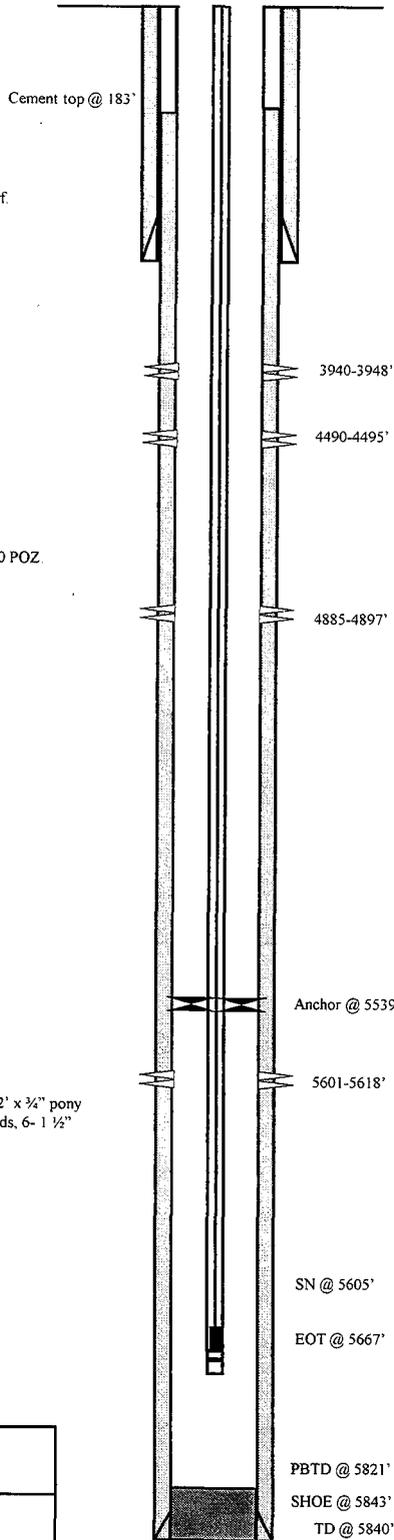
7-9-07 5601-5618' **Frac CPS sands as follows:**  
 50556# 20/40 sand in 495 bbls Lightning 17 frac fluid. Treated @ avg press of 1972 psi w/avg rate of 24.8 BPM. ISIP 2200 psi. Calc flush: 5599 gal. Actual flush: 5082 gal

7-11-07 4885-4897' **Frac A1 sands as follows:**  
 70631# 20/40 sand in 616 bbls Lightning 17 frac fluid. Treated @ avg press of 1959 psi w/avg rate of 24.8 BPM. ISIP 2160 psi. Calc flush: 48831 gal. Actual flush: 4410 gal

7-13-07 4490-4495' **Frac D1 sands as follows:**  
 20088# 20/40 sand in 310 bbls Lightning 17 frac fluid. Treated @ avg press of 1769 psi w/avg rate of 24.8 BPM. ISIP 1908 psi. Calc flush: 4489 gal. Actual flush: 3990 gal

7-13-07 3940-3948' **Frac GB4 sands as follows:**  
 42107# 20/40 sand in 394 bbls Lightning 17 frac fluid. 24.8BPM ISIP 1470psi. Calc flush: 3938 gal. Actual flush: 3906 gal.  
 Workover. Rod & Tubing detail updated.  
 Tubing leak. Updated rod and tubing detail.

06/25/08  
 1/18/2010



### PERFORATION RECORD

7-9-07	5601-5618'	4 JSPF	68 holes
7-18-07	4885-4897'	4 JSPF	48 holes
7-11-07	4490-4495'	4 JSPF	20 holes
7-13-07	3940-3948'	4 JSPF	32 holes

**NEWFIELD**

**Federal 11A-22-9-16**

2007' FSL & 1783' FWL  
 NE/SW Section 22-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-33149; Lease #UTU-74392

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**  
Well Name: **SWDIF**  
Sample Point: **After production filter**  
Sample Date: **12/9/2011**  
Sample ID: **WA-204150**

Sales Rep: **Darren Betts**  
Lab Tech: **Gary Peterson**

Scaling potential predicted using ScaleSoftPitzer from  
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations		Anions	
		mg/L		mg/L	
Test Date:	12/9/2011	Sodium (Na):	6799.09	Chloride (Cl):	10000.00
System Temperature 1 (°F):	300.00	Potassium (K):	26.10	Sulfate (SO4):	2.00
System Pressure 1 (psig):	3000.00	Magnesium (Mg):	9.40	Bicarbonate (HCO3):	1024.80
System Temperature 2 (°F):	70.00	Calcium (Ca):	26.80	Carbonate (CO3):	0.00
System Pressure 2 (psig):	14.70	Strontium (Sr):	0.00	Acetic Acid (CH3COO)	0.00
Calculated Density (g/ml):	1.01	Barium (Ba):	24.20	Propionic Acid (C2H5COO)	0.00
pH:	8.20	Iron (Fe):	0.47	Butanoic Acid (C3H7COO)	0.00
Calculated TDS (mg/L):	17913.62	Zinc (Zn):	0.00	Isobutyric Acid ((CH3)2CHCOO)	0.00
CO2 in Gas (%):	0.00	Lead (Pb):	0.70	Fluoride (F):	0.00
Dissolved CO2 (mg/L):	0.00	Ammonia NH3:	0.00	Bromine (Br):	0.00
H2S in Gas (%):	0.00	Manganese (Mn):	0.06	Silica (SiO2):	0.00
H2S in Water (mg/L):	10.00				

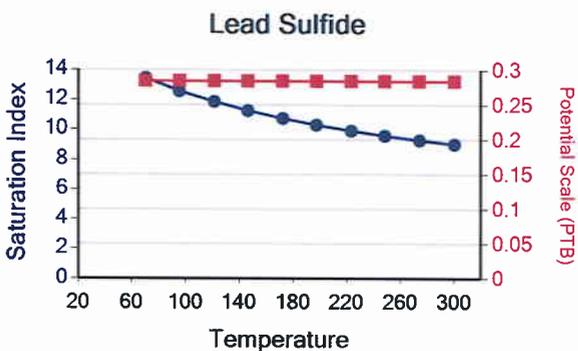
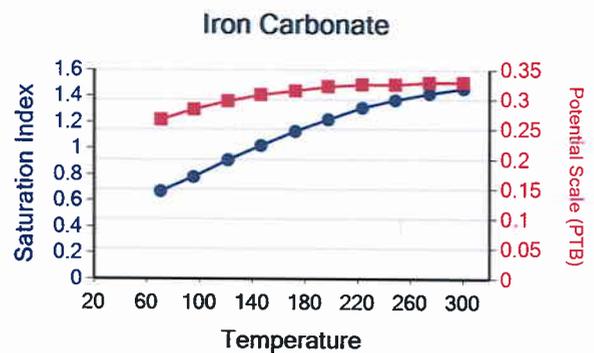
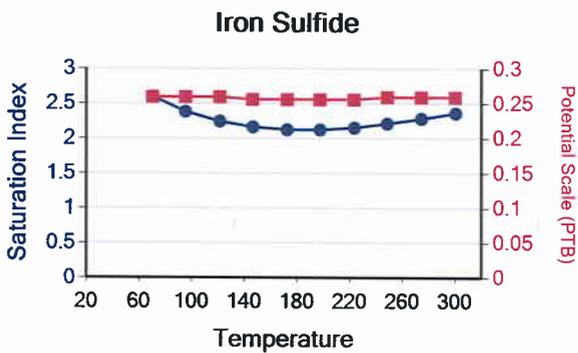
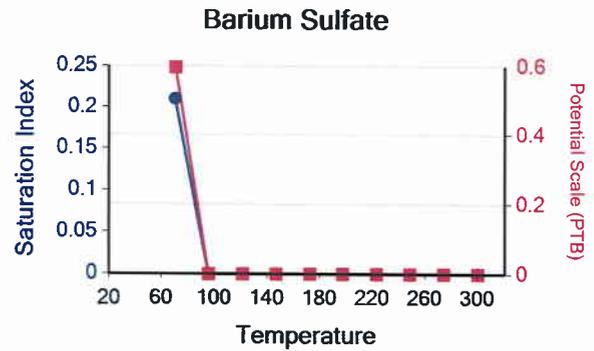
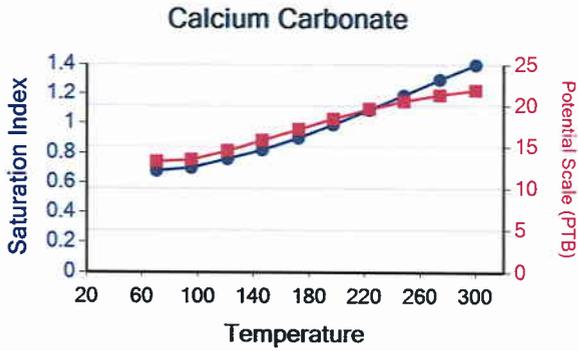
Notes:

(PTB = Pounds per Thousand Barrels)

Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.68	13.26	0.21	0.60	2.60	0.26	0.67	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.70	13.48	0.00	0.00	2.38	0.26	0.78	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.76	14.55	0.00	0.00	2.24	0.26	0.91	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.82	15.79	0.00	0.00	2.16	0.26	1.02	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.90	17.10	0.00	0.00	2.12	0.26	1.13	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.99	18.39	0.00	0.00	2.12	0.26	1.22	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	1.09	19.55	0.00	0.00	2.15	0.26	1.31	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	1.19	20.54	0.00	0.00	2.21	0.26	1.37	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	1.30	21.32	0.00	0.00	2.28	0.26	1.42	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	1.40	21.90	0.00	0.00	2.36	0.26	1.46	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Temp (°F)	PSI	Hemihydrate CaSO4~0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.45	0.28	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.59	0.28	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.89	0.28	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.28	0.28	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.76	0.28	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.32	0.28	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.93	0.28	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.60	0.28	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.30	0.28	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.03	0.28	0.00	0.00	0.00	0.00	0.00	0.00

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Lead Sulfide



Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**

Sales Rep: **Darren Betts**

Well Name: **FEDERAL 9-21-9-16**

Lab Tech: **Gary Peterson**

Sample Point:

Sample Date: **4/11/2012**

Sample ID: **WA-212129**

Scaling potential predicted using ScaleSoftPitzer from Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	4/25/2012	Cations		Anions	
		mg/L		mg/L	
System Temperature 1 (°F):	300.00	Sodium (Na):	7776.45	Chloride (Cl):	11000.00
System Pressure 1 (psig):	3000.0000	Potassium (K):	51.10	Sulfate (SO4):	22.00
System Temperature 2 (°F):	70.00	Magnesium (Mg):	15.10	Bicarbonate (HCO3):	1903.20
System Pressure 2 (psig):	14.7000	Calcium (Ca):	21.50	Carbonate (CO3):	0.00
Calculated Density (g/ml):	1.01	Strontium (Sr):	0.00	Acetic Acid (CH3COO)	0.00
pH:	9.10	Barium (Ba):	0.30	Propionic Acid (C2H5COO)	0.00
Calculated TDS (mg/L):	20790.66	Iron (Fe):	0.98	Butanoic Acid (C3H7COO)	0.00
CO2 in Gas (%):	0.00	Zinc (Zn):	0.01	Isobutyric Acid ((CH3)2CHCOO)	0.00
Dissolved CO2 (mg/L):	0.00	Lead (Pb):	0.00	Fluoride (F):	0.00
H2S in Gas (%):	0.00	Ammonia NH3:	0.00	Bromine (Br):	0.00
H2S in Water (mg/L):	15.00	Manganese (Mn):	0.02	Silica (SiO2):	0.00

Notes:

(PTB = Pounds per Thousand Barrels)

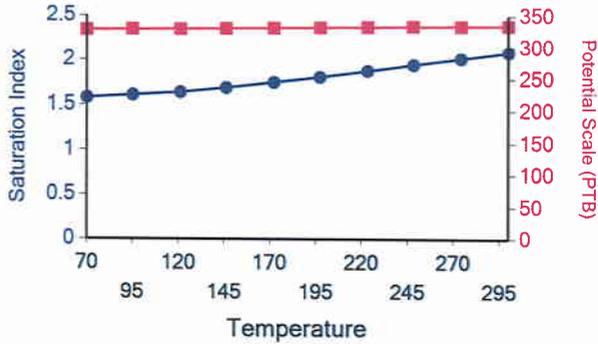
Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70.00	14.00	1.58	18.27	0.00	0.00	3.97	0.54	1.96	0.70	0.00	0.00	0.00	0.00	0.00	0.00	10.25	0.00
95.00	346.00	1.61	18.30	0.00	0.00	3.74	0.54	2.08	0.71	0.00	0.00	0.00	0.00	0.00	0.00	9.72	0.00
121.00	678.00	1.64	18.34	0.00	0.00	3.58	0.54	2.19	0.71	0.00	0.00	0.00	0.00	0.00	0.00	9.27	0.00
146.00	1009.00	1.69	18.39	0.00	0.00	3.47	0.54	2.28	0.71	0.00	0.00	0.00	0.00	0.00	0.00	8.89	0.00
172.00	1341.00	1.75	18.44	0.00	0.00	3.41	0.54	2.36	0.71	0.00	0.00	0.00	0.00	0.00	0.00	8.56	0.00
197.00	1673.00	1.81	18.49	0.00	0.00	3.38	0.54	2.43	0.71	0.00	0.00	0.00	0.00	0.00	0.00	8.27	0.00
223.00	2004.00	1.88	18.54	0.00	0.00	3.38	0.54	2.48	0.71	0.00	0.00	0.00	0.00	0.00	0.00	8.02	0.00
248.00	2336.00	1.95	18.58	0.00	0.00	3.39	0.54	2.52	0.71	0.00	0.00	0.00	0.00	0.00	0.00	7.80	0.00
274.00	2668.00	2.02	18.62	0.00	0.00	3.41	0.54	2.53	0.71	0.00	0.00	0.00	0.00	0.00	0.00	7.59	0.00
300.00	3000.00	2.09	18.65	0.00	0.00	3.44	0.54	2.53	0.71	0.00	0.00	0.00	0.00	0.00	0.00	7.39	0.00

Temp (°F)	PSI	Hemihydrate CaSO4·0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.00	346.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121.00	678.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146.00	1009.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.00	1341.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197.00	1673.00	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223.00	2004.00	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248.00	2336.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274.00	2668.00	0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	3000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.82	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

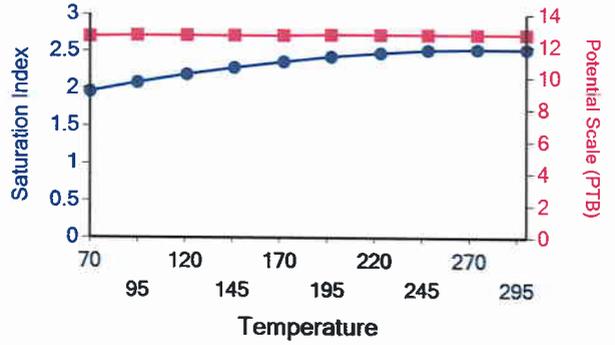
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate Zinc Sulfide

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate

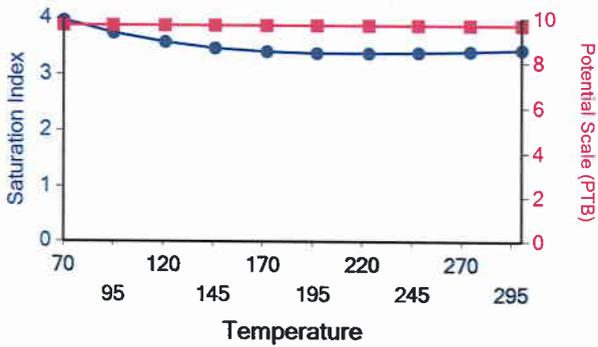
Calcium Carbonate



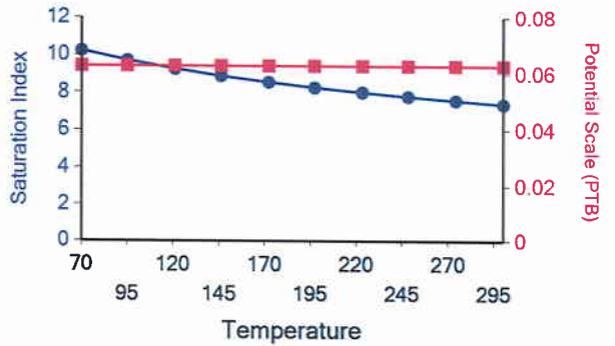
Iron Carbonate



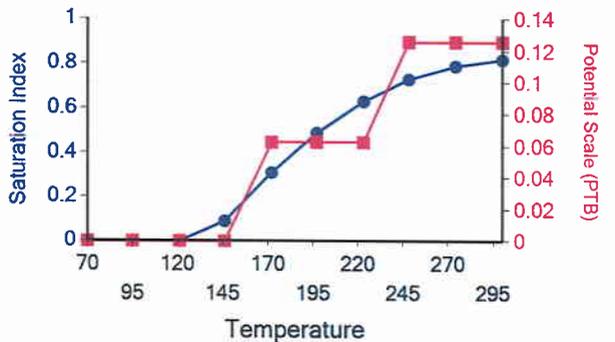
Iron Sulfide



Zinc Sulfide



Zinc Carbonate



**Attachment "G"**

**Federal #9-21-9-16  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5542	5548	5545	1714	0.74	1678
4939	4964	4952	2241	0.89	2209
4811	4817	4814	2013	0.85	1982
4559	4699	4629	1573	0.78	1543 ←
				<b>Minimum</b>	<u><u>1543</u></u>

Calculation of Maximum Surface Injection Pressure  
 $P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$   
 where pressure gradient for the fresh water is .433 psi/ft and  
 specific gravity of the injected water is 1.015.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.

**NEWFIELD**



ROCKY MOUNTAINS

**Daily Completion Report**

Well Name: **FEDERAL 9-21-9-16**

AFE: 11368

Report Date: 8/21/09

Operation: Wait on frac jobs

Field:	GMBU CTB6	Rig Name:	Rigless	Work Performed:	8/20/2009
Location:	STR	Supervisor:	Gary Dietz	Day:	1
County:		Phone:	435- 823-4211	Daily Cost:	12,750
State:	UT	Email:	gdietz@newfield	Cum DCR:	12,750
				Cum. Well Cost:	538,091

**24 Hr Summary:** Ran CBL & perf'd stage #1.

**24 Hr Plan Forward:** Frac well.

<b>Incidents:</b> None	<b>Newfield Pers:</b> 1	<b>Contract Pers:</b> 3	<b>Conditions:</b>
------------------------	-------------------------	-------------------------	--------------------

**Critical Comments**

0 Hr(s); P : Install 5M frac head & NU Weatherford Cameron single blind BOP. RU HO trk & pressure test casing, wellhead, casing valves & blind rams to 4500 psi. RU Perforators LLC WLT & mast. Run CBL under pressure f/ WLTD of 5793' to sfc. Found cmt top @ 120'. Perforate stage #1, CP3 sds @ 5542-5548' w/ 3 1/8" slick gun (19 gm charge, .49" EH, 21.92" pen, 120° phasing & 3 JSPPF). RD WLT. SIFN W/ est 139 BWTR.L:



## Daily Completion Report

Well Name: FEDERAL 9-21-9-16

AFE: 11368

Report Date: 8/26/09

Operation: Frac well.

Field:	GMBU CTB6	Rig Name:	Rigless	Work Performed:	8/25/2009
Location:	STR	Supervisor:	Don Dulen	Day:	2
County:		Phone:	435-823-6772	Daily Cost:	\$3,775
State:	UT	Email:	dduluen@newfield	Cum DCR:	\$16,525
				Cum. Well Cost:	\$541,866

24 Hr Summary:	Frac 1 stg.				
24 Hr Plan Forward:	Frac remaining stages.				
Incidents:	None	Newfield Pers:	1	Contract Pers:	21
Conditions:					

**Critical Comments**

0 Hr(s); P : RU BJ Services. 20 psi on well. Broke @ 3445 psi. ISIP @ 1234 psi, 1 hr @ 688 psi. FG @ .66. Frac CP3 sds w/ 15,136#'s of 20/40 sand in 294 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2149 psi w/ ave rate of 21.8 BPM. ISIP 1714 psi, 5 min @ 1612 psi, 10 min @ 1557 psi, 15 min @ 1550 psi. FG @ .74. Leave pressure on well. 433 BWTR.ii

0 Hr(s); P : RU Phoenix Surverys inc WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug & 6', 2', 2' perf guns. Set plug @ 5030'. Perforate A3 sds @ 4958-64', 4948-50' & 4939-41' w/ 3 1/8" Slick Guns (.34"EH, 16 gram, 120°, 21.00¢ pen., TAG-3375-311SL) w/ 3 spf for total of 30 shots.□



## Daily Completion Report

**Well Name:** FEDERAL 9-21-9-16

**AFE:** 11368

**Report Date:** 8/26/09

**Operation:** Frac well.

<b>Field:</b>	GMBU CTB6	<b>Rig Name:</b>	Rigless	<b>Work Performed:</b>	8/25/2009
<b>Location:</b>	STR	<b>Supervisor:</b>	Don Dulen	<b>Day:</b>	3
<b>County:</b>		<b>Phone:</b>	435-823-6772	<b>Daily Cost:</b>	\$67,423
<b>State:</b>	UT	<b>Email:</b>	dduluen@newfield	<b>Cum DCR:</b>	\$83,948
				<b>Cum. Well Cost:</b>	\$609,289

<b>24 Hr Summary:</b>	Frac well.				
<b>24 Hr Plan Forward:</b>	Wait on completion rig.				
<b>Incidents:</b>	None	<b>Newfield Pers:</b>	1	<b>Contract Pers:</b>	18
<b>Conditions:</b>					

**Critical Comments**

0 Hr(s); P : RU BJ Services. 515 psi on well. Broke @ 2018 psi. ISIP @ 803 psi, 1 min @ 755 psi, 4 min @ 716 psi. FG @ .60. Frac A3 sds w/ 115,669#'s of 20/40 sand in 860 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2430 psi w/ ave rate of 35.5 BPM. ISIP 2241 psi, 5 min @ 2206 psi, 10 min @ 2121 psi, 15 min @ 2018 psi. FG @ .89. Leave pressure on well. 1293 BWTR..

0 Hr(s); P : RU Phoenix Surverys inc WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug & 6' perf gun. Set plug @ 4870'. Perforate B2 sds @ 4811-17' w/ 3 1/8" Slick Guns (.34"EH, 16 gram, 120°, 21.00; pen., TAG-3375-311SL) w/ 3 spf for total of 18 shots. RU BJ Services. 1370 psi on well. Broke @ 3991 psi, ISIP @ 2000 psi, 1 min @ 1892 psi, 4 min @ 1782 psi. FG @ .85. Frac B2 sds w/ 25,293#'s of 20/40 sand in 360 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2480 psi w/ ave rate of 22.1 BPM. ISIP 2013 psi, 5 min @ 1631 psi, 10 min @ 1495 psi, 15 min @ 1387 psi. FG. @ .85. Leave pressure on well. 1653 BWTR.!!

0 Hr(s); P : RU Phoenix Surverys inc WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug & 5', 4', 2' perf guns. Set plug @ 4750'. Perforate C sds @ 4694-99', D3 sds @ 4636-40' & D1 sds @ 4559-61' w/ 3 1/8" Slick Guns (.34"EH, 16 gram, 120°, 21.00; pen., TAG-3375-311SL) w/ 3 spf for total of 33 shots. RU BJ Services. 325 psi on well. Broke @ 1878 psi, ISIP @ 751 psi. FG @ .60. Frac C/D3/D1 sds w/ 111,451#'s of 20/40 sand in 780 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2453 psi w/ ave rate of 46 BPM. ISIP 1573 psi. FG. @ .77. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 3 hrs & died. Recovered 400 BWTR. SWIFN. 2033 BWTR.!!



## Daily Completion Report

Well Name: FEDERAL 9-21-9-16

AFE: 11368

Report Date: 9/2/09

Operation: RUSU NC #2 PU tbg to drill out plugs

Field: <u>GMBU CTB6</u>	Rig Name: <u>NC #2</u>	Work Performed: <u>9/1/2009</u>
Location: <u>STR</u>	Supervisor: <u>Chris Meacham</u>	Day: <u>4</u>
County: _____	Phone: <u>435-823-4349</u>	Daily Cost: <u>\$16,843</u>
State: <u>UT</u>	Email: <u>cmeacham@newfield.com</u>	Cum DCR: <u>\$100,791</u>
		Cum. Well Cost: <u>\$626,132</u>

24 Hr Summary:	RUSU & pick up tbg to drill out CBP				
24 Hr Plan Forward:	Continue pick up tbg to clean out to PBTB				
Incidents:	None	Newfield Pers:	4	Contract Pers:	0
Conditions:					

**Critical Comments**

0 Hr(s); P : MIRUSU NC #2. Open well 0 psi. ND BOP. Break out frac head. MU 3000 wellhead. NU BOP. RU workflow. Talley & pick up 114 jts 2 7/8" 6.5# J-55 tbg to leave EOT @ 3606'. SDFN□

**NEWFIELD**



**Daily Completion Report**

Well Name: FEDERAL 9-21-9-16

AFE: 11368

Report Date: 9/2/09

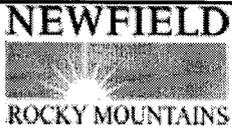
Operation: Drill out CBP & clean out to PBSD

Field:	GMBU CTB6	Rig Name:	NC #2	Work Performed:	9/1/2009
Location:	S T R	Supervisor:	Chris Meacham	Day:	5
County:		Phone:	435- 823-4349	Daily Cost:	\$33,295
State:	UT	Email:	cmeacham@newfield.com	Cum DCR:	\$134,086
				Cum. Well Cost:	\$659,427

24 Hr Summary:	Clean out to PBSD				
24 Hr Plan Forward:	Swab				
Incidents:	None	Newfield Pers:	4	Contract Pers:	0
Conditions:					

**Critical Comments**

0 Hr(s); P : Open well. TBG 0 psi. CSG 0 psi. Cont pick up tbg to tag fill. Tag fill on top of first plug @ 4325'. Clean out to plug @ 4750'. Drill up CBP in 25 minutes. Cont to pick up tbg to tag fill. Tag fill @ 4868'. Clean out to plug @ 4870'. Drill up CBP in 40 minutes. Cont to pick up tbg to tag fill. Tag fill @ 5029'. Clean out to plug @ 5030'. Drill up CBP in 45 minutes (lost 350 bw w/ drilling out last 2 plugs). Cont to pick up tbg to tag fill. Tag fill @ 5649'. 200' of fill. Clean out fill to csg pbsd @ 5848'. Circulate clean. TOOH w/ 20 jts tbg. SDFN Est wtr lost 350 bw!



## Daily Completion Report

Well Name: FEDERAL 9-21-9-16

AFE: 11368

Report Date: 9/2/09

Operation: Swabbing

Field:	GMBU CTB6	Rig Name:	NC #2	Work Performed:	9/1/2009
Location:	STR	Supervisor:	Chris Meacham	Day:	6
County:		Phone:	435-823-4349	Daily Cost:	\$6,320
State:	UT	Email:	cmeacham@newfield.com	Cum DCR:	\$140,406
				Cum. Well Cost:	\$665,747

24 Hr Summary:	Swab well
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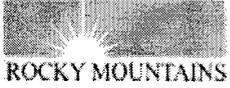
24 Hr Plan Forward:	Cont to swab
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Incidents:	None	Newfield Pers:	4	Contract Pers:	0	Conditions:
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**Critical Comments**

0 Hr(s); P : Open well. TBG 0 psi. CSG 0 psi. TIH w/ 20 jts tbg to put EOT @ 5780'. RU swab. RIH w/ swab to tag IFL @ 1000'. Swab well. Make 42 swab runs. Recover 60 bbls oil & 318 bw w/ good gas. Still making sand. FFL @ 1500'. SDFN

**NEWFIELD**



**Daily Completion Report**

Well Name: FEDERAL 9-21-9-16

AFE: 11368

Report Date: 9/2/09

Operation: Cont swab, clean out, trip production

Field: GMBU CTB6  
 Location: S T R  
 County: \_\_\_\_\_  
 State: UT

Rig Name: NC #2  
 Supervisor: Chris Meacham  
 Phone: 435-823-4349  
 Email: cmeacham@newfield.com

Work Performed: 9/1/2009  
 Day: 7  
 Daily Cost: \$5,591  
 Cum DCR: \$145,997  
 Cum. Well Cost: \$671,338

**24 Hr Summary:** Swab, clean out to PBTD, & trip tbg for production

**24 Hr Plan Forward:** Pick up rods & PWOP

**Incidents:** Newfield Pers: \_\_\_\_\_ Contract Pers: \_\_\_\_\_ Conditions: \_\_\_\_\_

**Critical Comments**

0 Hr(s); P : Open well. TBG 150 psi. CSG 150 psi. RIH w/ swab to tag fluid. Tag IFL @ 1500'. Make 19 swab runs to recover 130 bw. 40 bbls oil. Good gas. Still bringing sand. FFL @ 1800'. Was decided to TIH w/ tbg to tag fill. Tag fill @ 5808'. 40' of new fill. Clean out to PBTD @ 5848'. LD excess tbg. TOOH w/ 176 jts tbg. LD bit & bit sub. MU btm hole assembly. TIH w/ production tbg detail as follows. NC, 2 jts tbg, PSN, 1 jt tbg, TAC, & 173 jts tbg. SDFN!

**NEWFIELD**



**Final Daily Completion Report**

Well Name: FEDERAL 9-21-9-16

AFE: 11368

Report Date: 9/2/09

Operation: Land tbg & PU rods to PWOP

Field:	GMBU CTB6	Rig Name:	NC #2	Work Performed:	9/1/2009
Location:	S T R	Supervisor:	Chris Meacham	Day:	8
County:		Phone:	435- 823-4349	Daily Cost:	\$26,779
State:	UT	Email:	cmeacham@newfield.com	Cum DCR:	\$172,776
				Cum. Well Cost:	\$698,117

<b>24 Hr Summary:</b>	Land tbg, pick up rods, & PWOP						
<b>24 Hr Plan Forward:</b>	Produce well!						
<b>Incidents:</b>	None	<b>Newfield Pers:</b>	4	<b>Contract Pers:</b>	0	<b>Conditions:</b>	

**Critical Comments**

0 Hr(s); P : Open well. TBG psi. CSG psi. RD workfloor. ND BOP. Set TAC. MU wellhead bonnet. Land tbg on wellhead flange w/ 18000# tension. X-over to rod equipment. Pick up & prime new CDI 2 1/2" x 1 3/4" x 12' x 16 1/2' RHBC McGyver pump. PU rods as follows. 1 - 7/8" x 2' pony sub, 6 - 1 1/2" wt bars, 20 - 3/4" guided rods, 94 - 3/4" plain rods, 100 - 3/4" guided rods, 1 - 3/4" slick rod, 1 - 4' pony sub, & 1 - 1 1/2" x 26' polished rod. Get in hole w/ rods. Seat & space out pump. Fill & test tbg to 200 psi w/ 8 bw. Stroke test pump to 800 psi w/unit. RDMOSU. PWOP @ 2:30 PM W/ 122" SL @ 5 SPM FINAL REPORT!

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4509'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 173' balance plug using 20 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 42 sx Class "G" cement down 5 ½" casing to 372'

The approximate cost to plug and abandon this well is \$42,000.

## Federal 9-21-9-16

Spud Date: 07/31/09  
 Put on Production: 09/02/09  
 GL: 5970' KB: 5982'

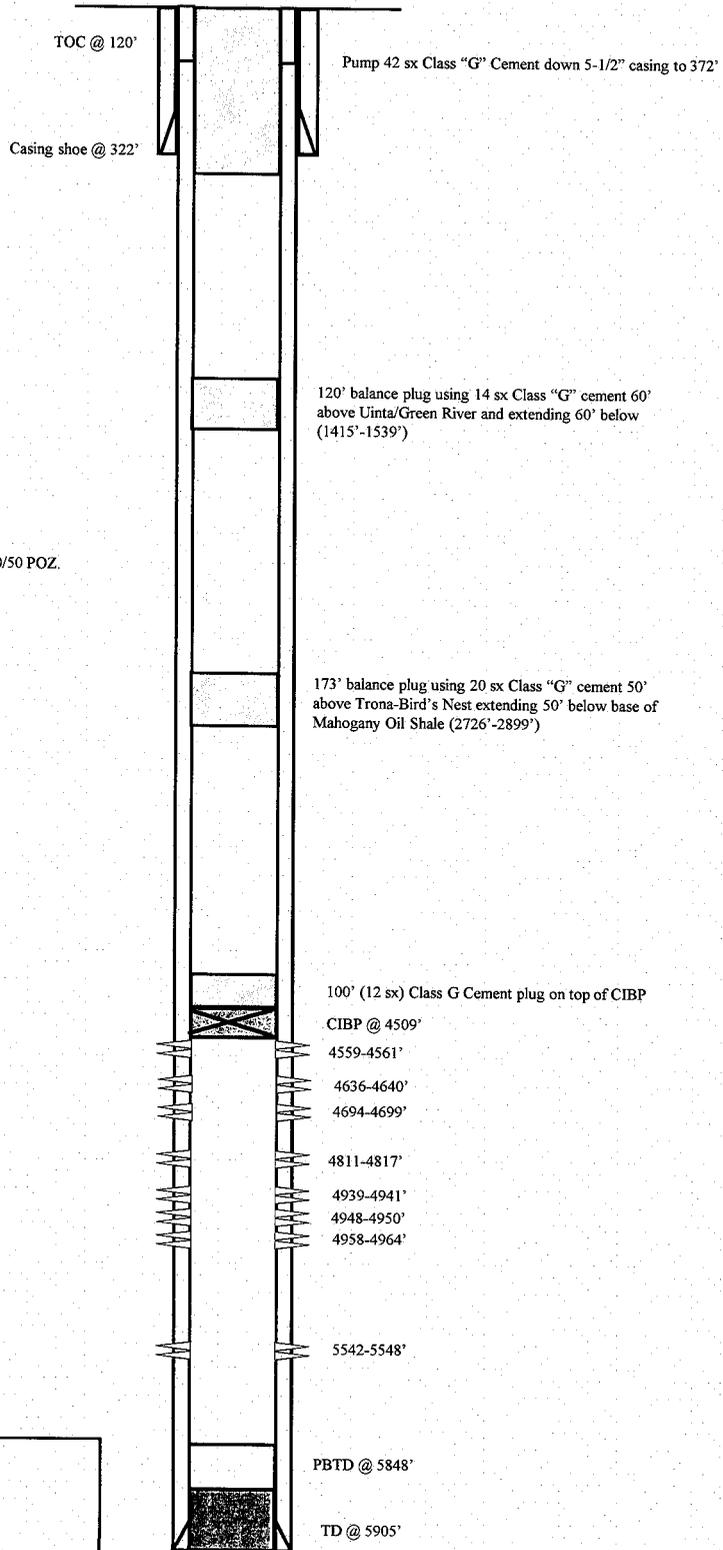
### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 6 jts. (264')  
 DEPTH LANDED: 322'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 140 jts. (5836')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 5887.85'  
 CEMENT DATA: 260 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 120'

### Proposed P & A Wellbore Diagram



**NEWFIELD**

**Federal 9-21-9-16**  
 2247<sup>3</sup> FSL & 756<sup>3</sup> FEL NE/SE  
 Section 21-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-33145; Lease #UTU-74392

3307 FSL  
5837 FEL

1770 S. 5600 W.  
 P.O. BOX 704005  
 WEST VALLEY CITY, UTAH 84170  
 FEDERAL TAX I.D.# 87-0217663

The Salt Lake Tribune

MEDIAONE

Deseret News

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING,  1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	5/25/2012

RECEIVED  
 JUN 04 2012  
 DIV OF OIL, GAS & MINING

BEFORE THE DIVISION OF OIL, GAS AND MINING  
 DEPARTMENT OF NATURAL RESOURCES  
 STATE OF UTAH  
 NOTICE OF AGENCY ACTION  
 CAUSE NO. UIC-392

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER#
8015385340	0000794885
SCHEDULE	
Start 05/25/2012	End 05/25/2012
CUST. REF. NO.	
Newfield Prod UIC-392	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT	
SIZE	
87 Lines	3.00
TIMES	
3	
MISC. CHARGES	AD
	TC

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 12, 13, 15, 17, 19, 20, 21, 22, 23, 24, AND 25, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER. Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:  
 Monument Federal 22-12J well located in SE/4 NW/4, Section 12, Township 9 South, Range 16 East  
 API 43-013-15796  
 Federal 5-13-9-16 well located in SW/4 NW/4, Section 13, Township 9 South, Range 16 East  
 API 43-013-32658  
 Federal 13-15-9-16 well located in SW/4 SW/4, Section 15, Township 9 South, Range 16 East  
 API 43-013-33136  
 Federal 7-17-9-16 well located in SW/4 NE/4, Section 17, Township 9 South, Range 16 East  
 API 43-013-33030  
 Federal 1-19-9-16 well located in NE/4 NE/4, Section 19, Township 9 South, Range 16 East  
 API 43-013-33062  
 Federal 5-19-9-16 well located in SW/4 NW/4, Section 19, Township 9 South, Range 16 East  
 API 43-013-33174  
 Federal 1-20-9-16 well located in NE/4 NE/4, Section 20, Township 9 South, Range 16 East  
 API 43-013-33066  
 Federal 3-20-9-16 well located in NE/4 NW/4, Section 20, Township 9 South, Range 16 East  
 API 43-013-33067  
 Federal 5-20-9-16 well located in SW/4 NW/4, Section 20, Township 9 South, Range 16 East  
 API 43-013-33104  
 Federal 9-20-9-16 well located in NE/4 SE/4, Section 20, Township 9 South, Range 16 East  
 API 43-013-33068  
 Federal 9-21-9-16 well located in NE/4 SE/4, Section 21, Township 9 South, Range 16 East  
 API 43-013-33145  
 Monument Federal 31-21-9-16Y well located in NW/4 NE/4, Section 21, Township 9 South Range 16 East  
 API 43-013-31726  
 Federal 1-22-9-16 well located in NE/4 NE/4, Section 22, Township 9 South, Range 16 East  
 API 43-013-32612  
 Federal 7-22-9-16 well located in SW/4 NE/4, Section 22, Township 9 South, Range 16 East  
 API 43-013-33027  
 Federal 3-23-9-16 well located in NE/4 NW/4, Section 23, Township 9 South, Range 16 East  
 API 43-013-33176  
 Federal 11-23-9-16 well located in NE/4 SW/4, Section 23, Township 9 South, Range 16 East  
 API 43-013-33178  
 Federal 15-23-9-16 well located in SW/4 SE/4, Section 23, Township 9 South, Range 16 East  
 API 43-013-33182  
 Federal 3-24-9-16 well located in NE/4 NW/4, Section 24, Township 9 South, Range 16 East  
 API 43-013-33084  
 Federal 15-24-9-16 well located in SW/4 SE/4, Section 24, Township 9 South, Range 16 East  
 API 43-013-33344  
 Federal 21-25Y well located in NE/4 NW/4, Section 25, Township 9 South, Range 16 East  
 API 43-013-31394

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how the matter affects their interests.

Dated this 22nd day of May, 2012.

STATE OF UTAH  
 DIVISION OF OIL, GAS & MINING  
 /s/ Brad Hill  
 Permitting Manager  
 794885

AFFIDAVIT OF PUBLICATION:

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I C  
**BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES**  
**CAUSE NO. UIC-392 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING**  
 COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND I  
 ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SAL  
 NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON  
 UTAHLEGALS.COM INDEFINITELY.

Start 05/25/2012 End 05/25/2012

PUBLISHED ON

SIGNATURE

*[Handwritten Signature]*

5/25/2012



VIRGINIA CRAFT  
 Notary Public, State of Utah  
 Commission # 581489  
 My Commission Expires  
 January 12, 2014

*[Handwritten Signature: Virginia Craft]*

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"  
 PLEASE PAY FROM BILLING STATEMENT

Send Payments to:  
 Uintah Basin Standard  
 268 S 200 E  
 Roosevelt, Utah 84066  
 Phone: 435-722-5131  
 Fax: 435-722-4140



Invoice Number	30968	Invoice Date	5/30/2012
Advertiser No.	2080	Invoice Amount	\$191.45
		Due Date	6/29/2012

DIVISION OF OIL GAS & MINING  
 Rose Nolton  
 1594 W. N.TEMPLE STE 121  
 PO BOX 145801  
 SALT LAKE CITY, UT 84114-5801

1 1/2% fee will be charged to all past due balances.

**Amount Enclosed**

Please detach top portion and return with your payment.

**INVOICE**

Uintah Basin Standard		DIVISION OF OIL GAS & MINING			Invoice No. 30968	5/30/2012
Date	Order	Description	Ad Size	SubTotal	Sales Tax	Amount
5/30/2012	15615 UBS	UBS Legal Notice: Not of Agcy Actn: Newfield Cause No. UIC-392 Pub. May 29, 2012				\$191.45
				Sub Total:		\$191.45
				Total Transactions: 1	Total:	\$191.45

<b>SUMMARY</b>	Advertiser No.	2080	Invoice No.	30968
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1 1/2% fee will be charged to all past due balances.

Thank You for your business!

Thank you for advertising with us, we appreciate your business!



BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-392

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 12, 13, 15, 17, 19, 20, 21, 22, 23, 24, AND 25, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17<sup>th</sup> Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

- Monument Federal 22-12J well located in SE/4 NW/4, Section 12, Township 9 South, Range 16 East  
API 43-013-15796
- Federal 5-13-9-16 well located in SW/4 NW/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32658
- Federal 13-15-9-16 well located in SW/4 SW/4, Section 15, Township 9 South, Range 16 East  
API 43-013-33136
- Federal 7-17-9-16 well located in SW/4 NE/4, Section 17, Township 9 South, Range 16 East  
API 43-013-33030
- Federal 1-19-9-16 well located in NE/4 NE/4, Section 19, Township 9 South, Range 16 East  
API 43-013-33062
- Federal 5-19-9-16 well located in SW/4 NW/4, Section 19, Township 9 South, Range 16 East  
API 43-013-33174
- Federal 1-20-9-16 well located in NE/4 NE/4, Section 20, Township 9 South, Range 16 East  
API 43-013-33066
- Federal 3-20-9-16 well located in NE/4 NW/4, Section 20, Township 9 South, Range 16 East  
API 43-013-33067
- Federal 5-20-9-16 well located in SW/4 NW/4, Section 20, Township 9 South, Range 16 East  
API 43-013-33104
- Federal 9-20-9-16 well located in NE/4 SE/4, Section 20, Township 9 South, Range 16 East  
API 43-013-33068
- Federal 9-21-9-16 well located in NE/4 SE/4, Section 21, Township 9 South, Range 16 East  
API 43-013-33145
- Monument Federal 31-21-9-16Y well located in NW/4 NE/4, Section 21, Township 9 South, Range 16 East  
API 43-013-31726
- Federal 1-22-9-16 well located in NE/4 NE/4, Section 22, Township 9 South, Range 16 East  
API 43-013-32612
- Federal 7-22-9-16 well located in SW/4 NE/4, Section 22, Township 9 South, Range 16 East  
API 43-013-33027
- Federal 3-23-9-16 well located in NE/4 NW/4, Section 23, Township 9 South, Range 16 East  
API 43-013-33176

Federal 11-23-9-16 well located in NE/4 SW/4, Section 23, Township 9 South, Range 16 East  
API 43-013-33178  
Federal 15-23-9-16 well located in SW/4 SE/4, Section 23, Township 9 South, Range 16 East  
API 43-013-33182  
Federal 3-24-9-16 well located in NE/4 NW/4, Section 24, Township 9 South, Range 16 East  
API 43-013-33084  
Federal 15-24-9-16 well located in SW/4 SE/4, Section 24, Township 9 South, Range 16 East  
API 43-013-33344  
Federal 21-25Y well located in NE/4 NW/4, Section 25, Township 9 South, Range 16 East  
API 43-013-31394

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 22<sup>nd</sup> day of May, 2012.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING



---

Brad Hill  
Permitting Manager

**Newfield Production Company**

**MONUMENT FEDERAL 22-12J, FEDERAL 5-13-9-16, FEDERAL 13-15-9-16, FEDERAL 7-17-9-16, FEDERAL 1-19-9-16, FEDERAL 5-19-9-16, FEDERAL 1-20-9-16, FEDERAL 3-20-9-16, FEDERAL 5-20-9-16, FEDERAL 9-20-9-16, FEDERAL 9-21-9-16, MONUMENT FEDERAL 31-21-9-16Y, FEDERAL 1-22-9-16, FEDERAL 7-22-9-16, FEDERAL 3-23-9-16, FEDERAL 11-23-9-16, FEDERAL 15-23-9-16, FEDERAL 3-24-9-16, FEDERAL 15-24-9-16, FEDERAL 21-25Y**

**Cause No. UIC-392**

Publication Notices were sent to the following:

Newfield Production Company  
1001 17th Street, Suite 2000  
Denver, CO 80202

SITLA  
675 E 500 S Ste 500  
Salt Lake City, UT 84102-2818

Uintah Basin Standard  
268 S 200 E  
Roosevelt, UT 84066  
via e-mail [ubs@ubstandard.com](mailto:ubs@ubstandard.com)

Duchesne County Planning  
P O Box 317  
Duchesne, UT 84021-0317

Salt Lake Tribune  
P O Box 45838  
Salt Lake City, UT 84145  
via e-mail [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

Bruce Suchomel  
US EPA Region 8  
MS 8P-W-GW  
1595 Wynkoop Street  
Denver, CO 80202-1129

Vernal Office  
Bureau of Land Management  
170 S 500 E  
Vernal, UT 84078

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

  
\_\_\_\_\_



GARY R. HERBERT  
*Governor*

GREGORY S. BELL  
*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*

May 22, 2012

Via e-mail [legals@ubstandard.com](mailto:legals@ubstandard.com)

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-392

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure

**Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-392**

---

**From:** Cindy Kleinfelter <classifieds@ubstandard.com>  
**To:** Jean Sweet <jsweet@utah.gov>  
**Date:** 5/23/2012 3:07 PM  
**Subject:** Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-392

---

On 5/22/2012 2:09 PM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary  
Utah Div. of Oil, Gas & Mining  
1594 West Temple, Suite 1210  
Salt Lake City, UT  
801-538-5329  
[jsweet@utah.gov](mailto:jsweet@utah.gov)

It will be in the May 29 edition.  
Thank you.  
Cindy



GARY R. HERBERT  
Governor

GREGORY S. BELL  
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

May 22, 2012

Via e-mail [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

Salt Lake Tribune  
P. O. Box 45838  
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-392

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure

**From:** "Fultz, Mark" <naclegal@mediaoneutah.com>  
**To:** <jsweet@utah.gov>  
**Date:** 5/22/2012 2:32 PM  
**Subject:** Proof for Notice of Agency Action  
**Attachments:** OrderConf.pdf

AD# 794885  
Run SL Trib 5/25/12  
Cost \$331.25  
Please advise of any changes  
Thank You  
Ken

### Order Confirmation for Ad #0000794885-01

<b>Client</b>	DIV OF OIL-GAS & MINING	<b>Payor Customer</b>	DIV OF OIL-GAS & MINING
<b>Client Phone</b>	801-538-5340	<b>Payor Phone</b>	801-538-5340
<b>Account#</b>	[REDACTED]	<b>Payor Account</b>	[REDACTED]
<b>Address</b>	1594 W NORTH TEMP #1210,P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	<b>Payor Address</b>	1594 W NORTH TEMP #1210,P.O. BO; SALT LAKE CITY, UT 84114
<b>Fax</b>	801-359-3940	<b>Ordered By</b>	<b>Acct. Exec</b>
<b>EMail</b>	earlenerussell@utah.gov	Jean	kstowe

<b>Total Amount</b>	<b>\$331.25</b>			
<b>Payment Amt</b>	<b>\$0.00</b>			
<b>Amount Due</b>	<b>\$331.25</b>	<b>Tear Sheets</b>	<b>Proofs</b>	<b>Affidavits</b>
		0	0	1
<b>Payment Method</b>		<b>PO Number</b>	Newfield Prod UIC-392	
<b>Confirmation Notes:</b>				
<b>Text:</b>	Jean			

<b>Ad Type</b>	<b>Ad Size</b>	<b>Color</b>
Legal Liner	3.0 X 87 Li	<NONE>

<b>Product</b>	<b>Placement</b>	<b>Position</b>
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
<b>Scheduled Date(s):</b>	05/25/2012	
<b>Product</b>	<b>Placement</b>	<b>Position</b>
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
<b>Scheduled Date(s):</b>	05/25/2012	
<b>Product</b>	<b>Placement</b>	<b>Position</b>
utahlegals.com::	utahlegals.com	utahlegals.com
<b>Scheduled Date(s):</b>	05/25/2012	

### Order Confirmation for Ad #0000794885-01

Ad Content Proof Actual Size

# Order Confirmation for Ad #0000794885-01

Ad Content Proof 135%

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-392

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 12, 13, 15, 17, 19, 20, 21, 22, 23, 24, AND 25, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

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API 43-013-32658

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API 43-013-33136

Federal 7-17-9-16 well located in SW/4 NE/4, Section 17, Township 9 South, Range 16 East

API 43-013-33030

Federal 1-19-9-16 well located in NE/4 NE/4, Section 19, Township 9 South, Range 16 East

API 43-013-33062

Federal 5-19-9-16 well located in SW/4 NW/4, Section 19, Township 9 South, Range 16 East

API 43-013-33174

Federal 1-20-9-16 well located in NE/4 NE/4, Section 20, Township 9 South, Range 16 East

API 43-013-33066

Federal 3-20-9-16 well located in NE/4 NW/4, Section 20, Township 9 South, Range 16 East

API 43-013-33067

Federal 5-20-9-16 well located in SW/4 NW/4, Section 20, Township 9 South, Range 16 East

API 43-013-33104

Federal 9-20-9-16 well located in NE/4 SE/4, Section 20, Township 9 South, Range 16 East

API 43-013-33068

Federal 9-21-9-16 well located in NE/4 SE/4, Section 21, Township 9 South, Range 16 East

API 43-013-33145

Monument Federal 31-21-9-16Y well located in NW/4 NE/4, Section 21, Township 9 South, Range 16 East

API 43-013-31726

Federal 1-22-9-16 well located in NE/4 NE/4, Section 22, Township 9 South, Range 16 East

API 43-013-32612

Federal 7-22-9-16 well located in SW/4 NE/4, Section 22, Township 9 South, Range 16 East

API 43-013-33027

Federal 3-23-9-16 well located in NE/4 NW/4, Section 23, Township 9 South, Range 16 East

API 43-013-33176

Federal 11-23-9-16 well located in NE/4 SW/4, Section 23, Township 9 South, Range 16 East

API 43-013-33178

Federal 15-23-9-16 well located in SW/4 SE/4, Section 23, Township 9 South, Range 16 East

API 43-013-33182

Federal 3-24-9-16 well located in NE/4 NW/4, Section 24, Township 9 South, Range 16 East

API 43-013-33084

Federal 15-24-9-16 well located in SW/4 SE/4, Section 24, Township 9 South, Range 16 East

API 43-013-33344

Federal 21-25Y well located in NE/4 NW/4, Section 25, Township 9 South, Range 16 East

API 43-013-31394

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Greer River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 22nd day of May, 2012.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

/s/ Brad Hill  
Permitting Manager

794885

UFAXLP



GARY R. HERBERT  
Governor

GREGORY S. BELL  
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

August 15, 2012

Newfield Production Company  
1001 Seventeenth Street, Suite 2000  
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Federal 9-21-9-16, Section 21, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33145

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any observed pressure changes shall be reported to the Division immediately.
5. Because the cement top is problematic in the Federal 41-21Y well (43-013-31392), pressure between the surface casing and the production casing in that well shall be monitored on a regular basis. Any observed pressure changes shall be reported to the Division immediately.



Page 2

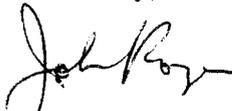
August 15, 2012

Conversion Approval Federal 9-21-9-16

6. The top of the injection interval shall be limited to a depth no higher than 3,855 feet in the Federal 9-21-9-16 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

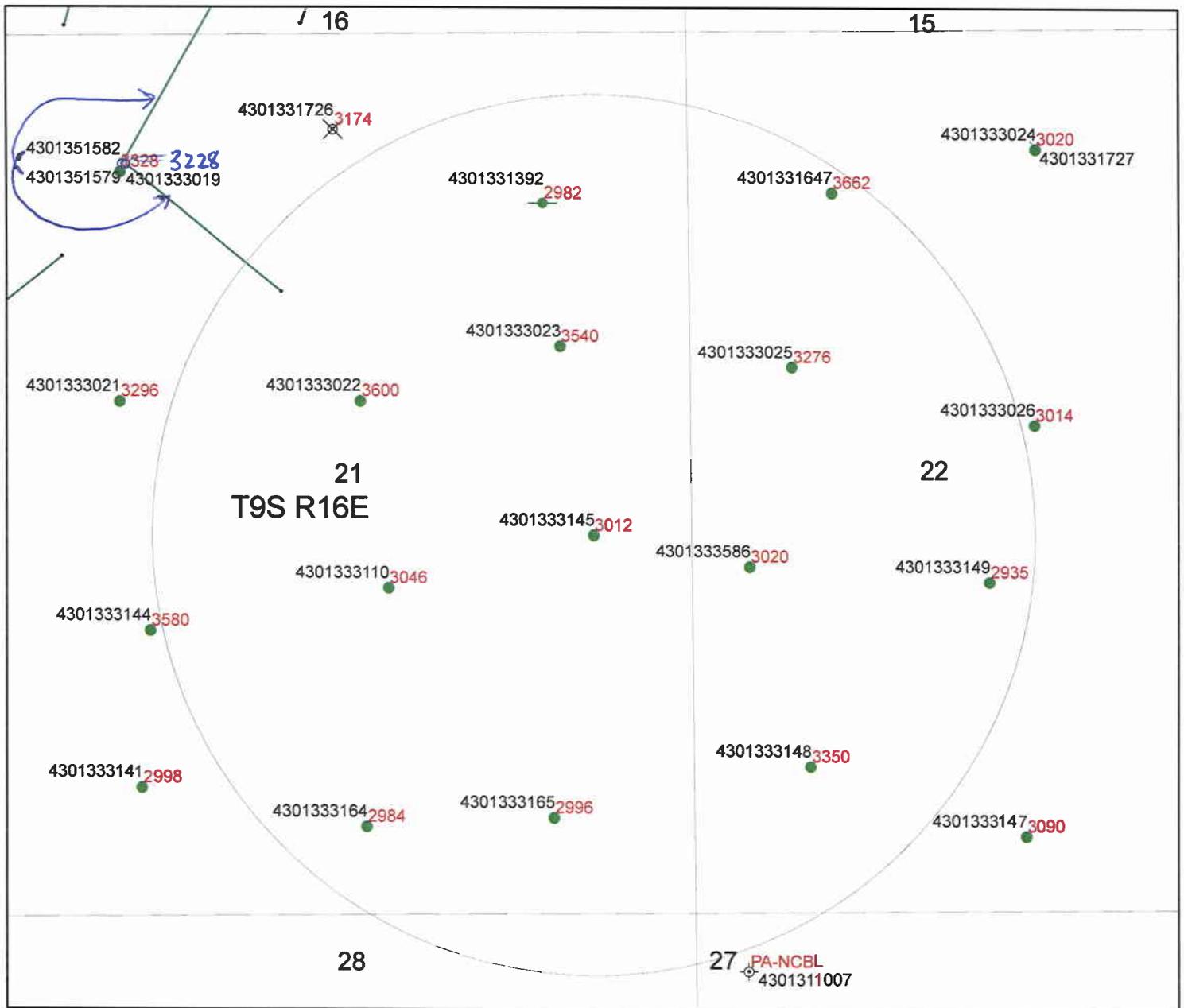


John Rogers  
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Duchesne County  
Newfield Production Company, Myton  
Well File

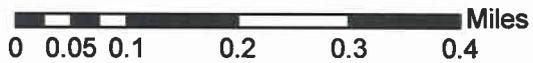
N:\O&G Reviewed Docs\ChronFile\UIC



Cement Bond Tops  
 FEDERAL 9-21-9-16  
 API #43-013-33145  
 UIC 392.11

**Legend**

- |   |   |
|---|---|
| Buffer_of_SGID93_ENERGY_DNROilGasWells_85 | PGW                                     |
| SGID93_ENERGY_DNROilGasWells              | POW                                     |
| <b>SGID93.ENERGY.DNROilGasWells</b>       | RET                                     |
| <b>GIS_STAT_TYPE</b>                      | SGW                                     |
| APD                                       | SOW                                     |
| DRL                                       | TA                                      |
| GIW                                       | TW                                      |
| GSW                                       | WDW                                     |
| LA  | WIW                                     |
| LOC                                       | WSW                                     |
| OPS                                       | SGID93_BOUNDARIES_Countries             |
| PA  | • SGID93_ENERGY_DNROilGasWells_HDBottom |
|   | SGID93_ENERGY_DNROilGasWells_HDPath     |
|   | • Wells-CbtopsMaster07_06_12            |



1870calc = approx cement top calculated from well completion report

**DIVISION OF OIL, GAS AND MINING  
UNDERGROUND INJECTION CONTROL PROGRAM  
PERMIT  
STATEMENT OF BASIS**

**Applicant:** Newfield Production Company      **Well:** Federal 9-21-9-16

**Location:** 21/9S/16E      **API:** 43-013-33145

**Ownership Issues:** The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

**Well Integrity:** The proposed well has surface casing set at 322 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,888 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,012 feet. A 2 7/8 inch tubing with a packer will be set at 4,509 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 11 producing wells and 1 shut-in well in the AOR. In addition, there is 1 proposed surface location outside the AOR from which a directional well will be drilled to a bottom hole location inside the AOR. All of the existing wells appear to have adequate casing and cement for the proposed injection interval. However, the cement top based on the CBL (8/23/1993) in the Federal 41-21Y well (API# 43-013-31392), located approximately 0.4 mile north of the Federal 9-21 well, is somewhat problematic. The cement top of 2,982 feet is believed to represent the top of "lite" cement in the 41-21Y well. Because of some concern about the quality of this cement, Newfield will be required to monitor pressure between surface casing and production casing in the 41-21Y well on a regular basis.

**Ground Water Protection:** As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2700 feet. Injection shall be limited to the interval between 3,855 feet and 5,848 feet in the Green River Formation. However, as described in the previous paragraph, Newfield will be required to monitor pressure between surface casing and production casing in the Federal 41-21Y well on a regular basis. Information submitted by Newfield indicates that the fracture gradient for the 9-21-9-16 well is 0.78 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,543 psig. The requested maximum pressure is 1,543 psig. The anticipated average injection pressure is 1100 psig. Injection at this

**Federal 9-21-9-16**

**page 2**

pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the BLM

**Actions Taken and Further Approvals Needed:** A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date: 8/9/2012

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74392
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FEDERAL 9-21-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013331450000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2303 FSL 0582 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 21 Township: 09.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE  COUNTY: DUCHESNE  STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/14/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The subject well has been converted from a producing oil well to an injection well on 09/12/2012. On 09/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/14/2012 the casing was pressured up to 1460 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was not a State representative available to witness the test.

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

Date: September 24, 2012  
By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/21/2012	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company  
Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: \_\_\_\_\_ Date 9/19/12 Time 11:30 am pm  
Test Conducted by: Riley Bagley  
Others Present: \_\_\_\_\_

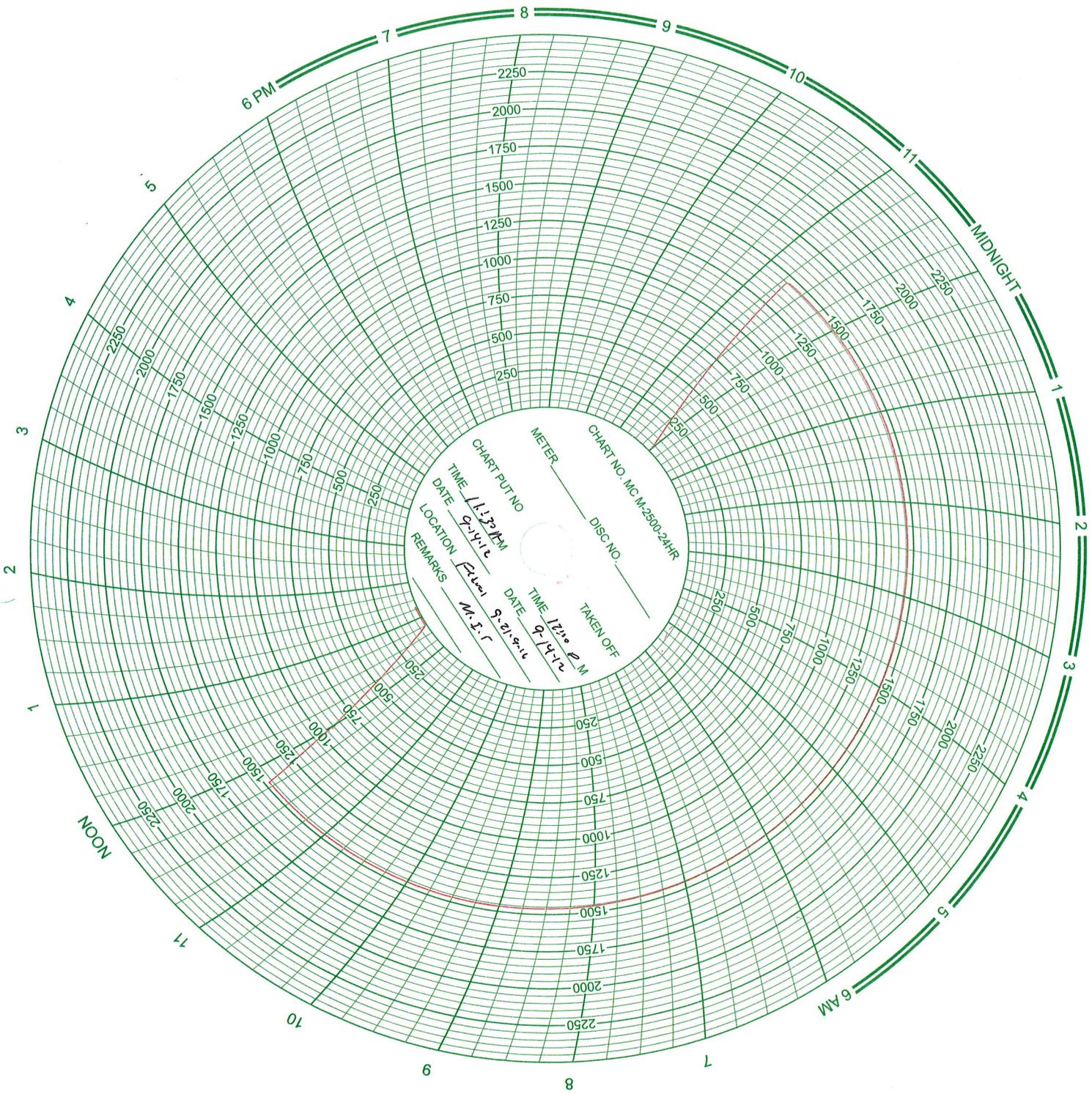
Well: <u>Federal 9-21-9-16</u>	Field: <u>Monument Butte</u>
Well Location: <u>Federal 9-21-9-16</u>	API No: <u>4301333145</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1460</u>	psig
5	<u>1460</u>	psig
10	<u>1460</u>	psig
15	<u>1460</u>	psig
20	<u>1460</u>	psig
25	<u>1460</u>	psig
30 min	<u>1460</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 250 psig

Result: Pass Fail

Signature of Witness: \_\_\_\_\_  
Signature of Person Conducting Test: Riley Bagley



**Daily Activity Report**

Format For Sundry

**FEDERAL 9-21-9-16****7/1/2012 To 11/30/2012****9/17/2012 Day: 1****Conversion**

WWS#9 on 9/17/2012 - MIRUSU, TOH & LD rods. - MIRUSU. Pump 60 bbls water down csg @ 250. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250. Softseat & pressure test tbg to 3000 psi w/ 15 bbls water. Good test. Unseat rod pump. TOH & LD w/ 104- 3/4 guided rods. SDFD. - MIRUSU. Pump 60 bbls water down csg @ 250. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250. Softseat & pressure test tbg to 3000 psi w/ 15 bbls water. Good test. Unseat rod pump. TOH & LD w/ 104- 3/4 guided rods. SDFD. - MIRUSU. Pump 60 bbls water down csg @ 250. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250. Softseat & pressure test tbg to 3000 psi w/ 15 bbls water. Good test. Unseat rod pump. TOH & LD w/ 104- 3/4 guided rods. SDFD. - MIRUSU. Pump 60 bbls water down csg @ 250. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250. Softseat & pressure test tbg to 3000 psi w/ 15 bbls water. Good test. Unseat rod pump. TOH & LD w/ 104- 3/4 guided rods. SDFD. **Finalized**

**Daily Cost:** \$0**Cumulative Cost:** \$23,760**9/18/2012 Day: 2****Conversion**

WWS#9 on 9/18/2012 - Cont to LD rods, TOH w/ tbg breaking collars. - Flush tbg w/ 30 bbls water @ 250. Cont to TOH breaking collars & applying liquid o-ring w/ 103- jts 2 7/8. LD w/ 35- jts 2 7/8. PU TIH w/ 2 3/8 XN nipple, 4' x 2 3/8 sub, 2 3/8 x 2 7/8 XO, 5 1/2 Arrowset pkr, on/off tool, 2 7/8 SN, 141- jts 2 7/8 j-55 tbg. Pump 10 bbls water down tbg & drop std valve. Pressure test tbg to 3000 psi w/ 8 bbls water for 1 hr. Good test. RU sandline to retrieve std valve. RD sandline. RD rig floor. ND BOP. NU wellhead. Pump 50 bbls fresh water w/ pkr fluid down csg. ND wellhead. Set Pkr w/ 150000 tension. NU wellhead. Fill annulus w/ 30 bbls fresh water w/ pkr fluid. Pressure test csg to 1500 psi for 1 hr. Good test. RD MOSU. READY FOR MIT!! - Pump 30 bbls water down csg @ 250. Flush tbg & rods w/ 30 bbls water @ 250. TOH & LD w/ 2- 3/4 guided rods, 36- 3/4 plain rods, 73- 3/4 guided rods, 6- 1 1/2 wt bars, rod pump. X-over to tbg eq. ND wellhead. Release TA. NU BOP. RU rig floor. Flush tbg w/ 30 bbls water @ 250. TOH w/ tbg breaking collars & applying liquid o-ring w/ 40- jts 2 7/8. SDFD. - Pump 30 bbls water down csg @ 250. Flush tbg & rods w/ 30 bbls water @ 250. TOH & LD w/ 2- 3/4 guided rods, 36- 3/4 plain rods, 73- 3/4 guided rods, 6- 1 1/2 wt bars, rod pump. X-over to tbg eq. ND wellhead. Release TA. NU BOP. RU rig floor. Flush tbg w/ 30 bbls water @ 250. TOH w/ tbg breaking collars & applying liquid o-ring w/ 40- jts 2 7/8. SDFD. - Flush tbg w/ 30 bbls water @ 250. Cont to TOH breaking collars & applying liquid o-ring w/ 103- jts 2 7/8. LD w/ 35- jts 2 7/8. PU TIH w/ 2 3/8 XN nipple, 4' x 2 3/8 sub, 2 3/8 x 2 7/8 XO, 5 1/2 Arrowset pkr, on/off tool, 2 7/8 SN, 141- jts 2 7/8 j-55 tbg. Pump 10 bbls water down tbg & drop std valve. Pressure test tbg to 3000 psi w/ 8 bbls water for 1 hr. Good test. RU sandline to retrieve std valve. RD sandline. RD rig floor. ND BOP. NU wellhead. Pump 50 bbls fresh water w/ pkr fluid down csg. ND wellhead. Set Pkr w/ 150000 tension. NU wellhead. Fill annulus w/ 30 bbls fresh water w/ pkr fluid. Pressure test csg to 1500 psi for 1 hr. Good test. RD MOSU. READY FOR MIT!! - Pump 30 bbls water down csg @ 250. Flush tbg & rods w/ 30 bbls water @ 250. TOH & LD w/ 2- 3/4 guided rods, 36- 3/4 plain rods, 73- 3/4 guided rods, 6- 1 1/2 wt bars, rod pump. X-over to tbg eq. ND wellhead. Release TA. NU BOP. RU rig floor. Flush tbg w/ 30 bbls water @ 250. TOH w/ tbg breaking collars & applying liquid o-ring w/ 40- jts 2 7/8. SDFD. - Pump 30 bbls water down csg @ 250. Flush tbg & rods w/ 30 bbls water @ 250. TOH & LD w/ 2- 3/4 guided rods, 36- 3/4 plain rods, 73- 3/4 guided rods, 6- 1 1/2 wt bars, rod pump. X-over to tbg eq. ND wellhead. Release TA. NU BOP. RU rig floor.

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tool, 2 7/8 SN, 141- jts 2 7/8 j-55 tbg. Pump 10 bbls water down tbg & drop std valve. Pressure test tbg to 3000 psi w/ 8 bbls water for 1 hr. Good test. RU sandline to retrieve std valve. RD sandline. RD rig floor. ND BOP. NU wellhead. Pump 50 bbls fresh water w/ pkr fluid down csg. ND wellhead. Set Pkr w/ 150000 tension. NU wellhead. Fill annulus w/ 30 bbls fresh water w/ pkr fluid. Pressure test csg to 1500 psi for 1 hr. Good test. RDMOSU. READY FOR MIT!! **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$29,855

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**9/19/2012 Day: 4**

**Conversion**

Rigless on 9/19/2012 - Conduct initial MIT - On 09/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/14/2012 the casing was pressured up to 1460 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was not a State representative available to witness the test. - On 09/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/14/2012 the casing was pressured up to 1460 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was not a State representative available to witness the test. - On 09/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/14/2012 the casing was pressured up to 1460 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was not a State representative available to witness the test. - On 09/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/14/2012 the casing was pressured up to 1460 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was not a State representative available to witness the test. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$132,780

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**Pertinent Files: Go to File List**

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-74392	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  	<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Water Injection Well	<b>8. WELL NAME and NUMBER:</b> FEDERAL 9-21-9-16
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013331450000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext
<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE	<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2303 FSL 0582 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 21 Township: 09.0S Range: 16.0E Meridian: S
<b>COUNTY:</b> DUCHESNE	
<b>STATE:</b> UTAH	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/5/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Put on Injection"/>

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

The above reference well was put on injection at 9:45 AM on 10/05/2012.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 October 09, 2012

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/8/2012	

Spud Date: 07/31/09  
 Put on Production: 09/02/09  
 GL: 5970' KB: 5982'

# Federal 9-21-9-16

## Injection Wellbore Diagram

### SURFACE CASING

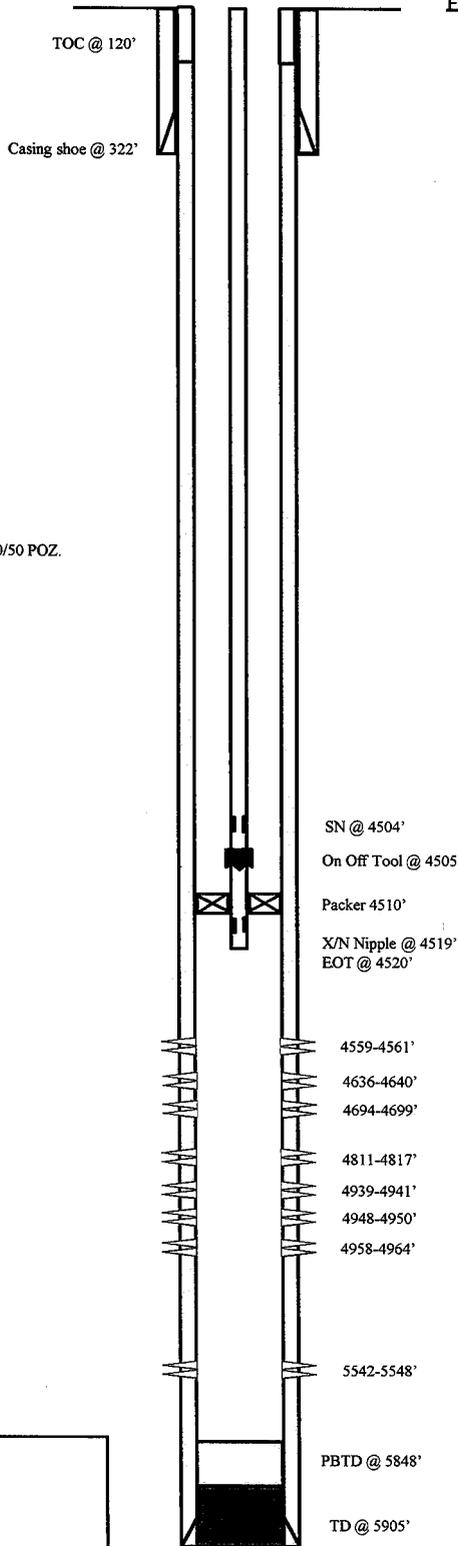
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 6 jts. (264')  
 DEPTH LANDED: 322'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 140 jts. (5836')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 5887.85'  
 CEMENT DATA: 260 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 120'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 141 jts (4492.4')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 4504.4' KB  
 ON/OFF TOOL AT 4505.5'  
 PACKER 5-1/2" AT: 4510'  
 XO AT: 4513'  
 TBG PUP 2-3/8" AT: 4514.4'  
 X/N NIPPLE AT: 4518.6'  
 TOTAL STRING LENGTH: EOT @ 4520'



### FRAC JOB

9-2-09 5542-5548' **Frac CP3 sands as follows:** Frac with 15136# 20/40 sand in 122 bbls Lightning 17 fluid.  
 9-2-09 4939-4964' **Frac A3 sands as follows:** Frac with 115669# 20/40 sand in 698 bbls Lightning 17 fluid.  
 9-2-09 4811-4817' **Frac B2 sands as follows:** Frac with 25293# 20/40 sand in 204 bbls Lightning 17 fluid.  
 9-2-09 4559-4699' **Frac C, D1, & D3 sands as follows:** Frac with 111451# 20/40 sand in 635 bbls Lightning 17 fluid.  
 11/25/10 **Pump Change.** Rod & tubing updated.  
 3/30/11 **Tubing leak.** Rod & tubing detail updated.  
 09/12/12 **Convert to Injection Well**  
 09/14/12 **Conversion MIT Finalized** - updtg detail

### PERFORATION RECORD

5542-5548'	3 JSPF	18 holes
4958-4964'	3 JSPF	18 holes
4948-4950'	3 JSPF	6 holes
4939-4941'	3 JSPF	6 holes
4811-4817'	3 JSPF	18 holes
4694-4699'	3 JSPF	15 holes
4636-4640'	3 JSPF	12 holes
4559-4561'	3 JSPF	6 holes



**Federal 9-21-9-16**  
 2303' FSL & 582' FEL  
 NE/SE Section 21-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-33145; Lease #UTU-74392



GARY R. HERBERT  
Governor

GREGORY S. BELL  
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

## UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-392

**Operator:** Newfield Production Company  
**Well:** Federal 9-21-9-16  
**Location:** Section 21, Township 9 South, Range 16 East  
**County:** Duchesne  
**API No.:** 43-013-33145  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on August 15, 2012.
2. Maximum Allowable Injection Pressure: 1,543 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,855' – 5,848')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

  
John Rogers  
Associate Director

10-1-2012  
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Eric Sundberg, Newfield Production Company, Denver  
Newfield Production Company, Myton  
Duchesne County  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield



