



March 3, 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 1-24-9-16, 2-24-9-16, 3-24-9-16, 7-24-9-16, and 8-24-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

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

Mandie Crozier  
Regulatory Specialist

mc  
enclosures

**RECEIVED**  
**MAR 06 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

5. Lease Serial No.  
UTU-15855

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

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

8. Lease Name and Well No.  
Federal 7-24-9-16

9. API Well No.  
4301333085

10. Field and Pool, or Exploratory  
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area  
SW/NE Sec. 24, T9S R16E

12. County or Parish  
Duchesne

13. State  
UT

1a. Type of Work:  DRILL  REENTER

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

2. Name of Operator  
Newfield Production Company

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

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

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*  
At surface SW/NE 1790' FNL 2019' FEL 579807X 40.018728  
At proposed prod. zone 4430045Y -110.064822

14. Distance in miles and direction from nearest town or post office\*  
Approximatley 17.3 miles south of Myton, Utah

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1790' ft/ise, NA' ft/unit

16. No. of Acres in lease  
1200.00

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. 1204'

19. Proposed Depth  
5790'

20. BLM/BIA Bond No. on file  
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
5582' 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:

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

25. Signature *Mandie Crozier*

Name (Printed/Typed)  
Mandie Crozier

Date  
3/3/06

Title  
Regulatory Specialist

Approved by (Signature) *Bradley G Hill*

Name (Printed/Typed)  
BRADLEY G. HILL

Date  
03-09-05

Title  
ENVIRONMENTAL MANAGER

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

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

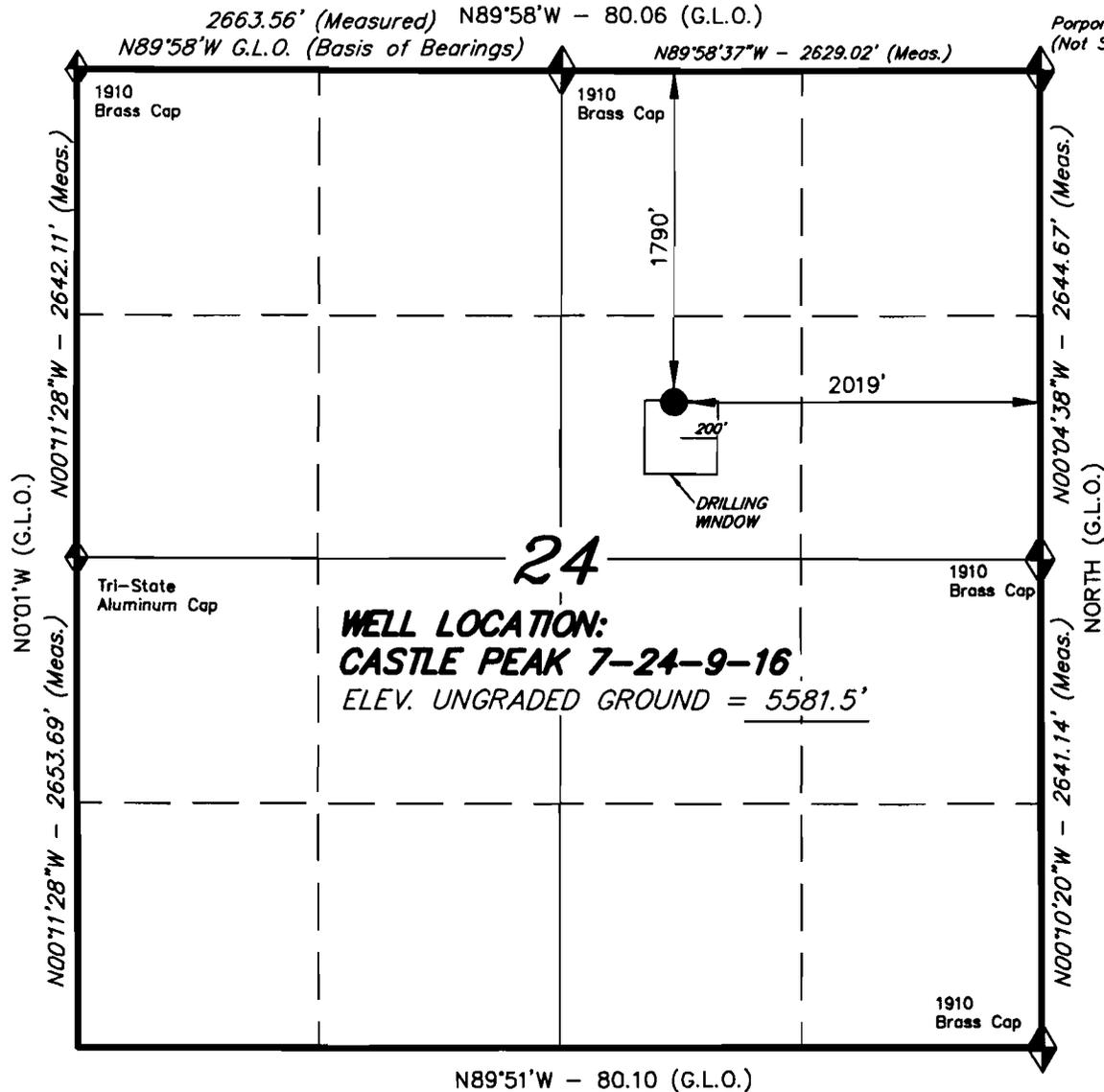
\*(Instructions on reverse)

Federal Approval of this  
Action is Necessary

RECEIVED  
MAR 06 2006  
DIV. OF OIL, GAS & MINING

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

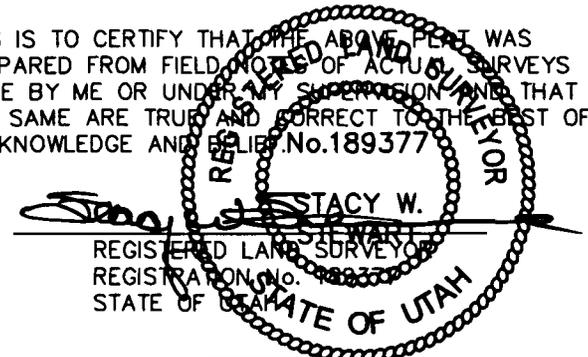
# NEWFIELD PRODUCTION COMPANY



WELL LOCATION, CASTLE PEAK  
 7-24-9-16, LOCATED AS SHOWN IN  
 THE SW 1/4 NE 1/4 OF SECTION 24,  
 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)

**CASTLE PEAK 7-24-9-16**  
 (Surface Location) NAD 83  
 LATITUDE = 40° 01' 07.36"  
 LONGITUDE = 110° 03' 55.97"

<b>TRI STATE LAND SURVEYING &amp; CONSULTING</b>	
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
DATE SURVEYED: 2-15-06	SURVEYED BY: C.M.
DATE DRAWN: 2-16-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY  
FEDERAL #7-24-9-16  
SW/NE SECTION 24, 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' – 2151'
Green River	2151'
Wasatch	5790'

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

Green River Formation 2151' – 5790' - 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 #7-24-9-16  
SW/NE SECTION 24, 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 #7-24-9-16 located in the SW 1/4 NE 1/4 Section 24, 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 southeasterly along Hwy 53 - 11.7 miles  $\pm$  to it's junction with an existing dirt road to the southwest; proceed southwesterly - 4.0 miles  $\pm$  to it's junction with the beginning of the proposed access road; proceed southeasterly along the proposed access road - 810'  $\pm$  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

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #05-270, 9/7/05. Paleontological Resource Survey prepared by, Wade E. Miller, 9/28/05. See attached report cover pages, Exhibit "D".

For the Federal #7-24-9-16 Newfield Production Company requests 810' of disturbed area be granted in Lease UTU-15855 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 810' of disturbed area be granted in Lease UTU-15855 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 a 1,100' ROW in Lease UTU-64805 and 3,320' of disturbed area be granted in Lease UTU-15855 to allow for construction of the proposed water lines. It is proposed that the ROW and 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**

**Golden Eagle:** Amy Torres to advise.

**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)

Crested Wheatgrass	<i>Agropyron Cristatum</i>	4 lbs/acre
Needle and Threadgrass	<i>Stipa Comata</i>	4 lbs/acre
Indian Ricegrass	<i>Oryzopsis Hymenoides</i>	4 lbs/acre

**Details of the On-Site Inspection**

The proposed Federal #7-24-9-16 was on-sited on 11/30/05. The following were present: Shon Mckinnon (Newfeild Production), Melissa Hawk (Bureau of Land Management), and Amy Torres (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 #7-24-9-16 SW/NE Section 24, Township 9S, Range 16E, Lease UTU-15855 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.

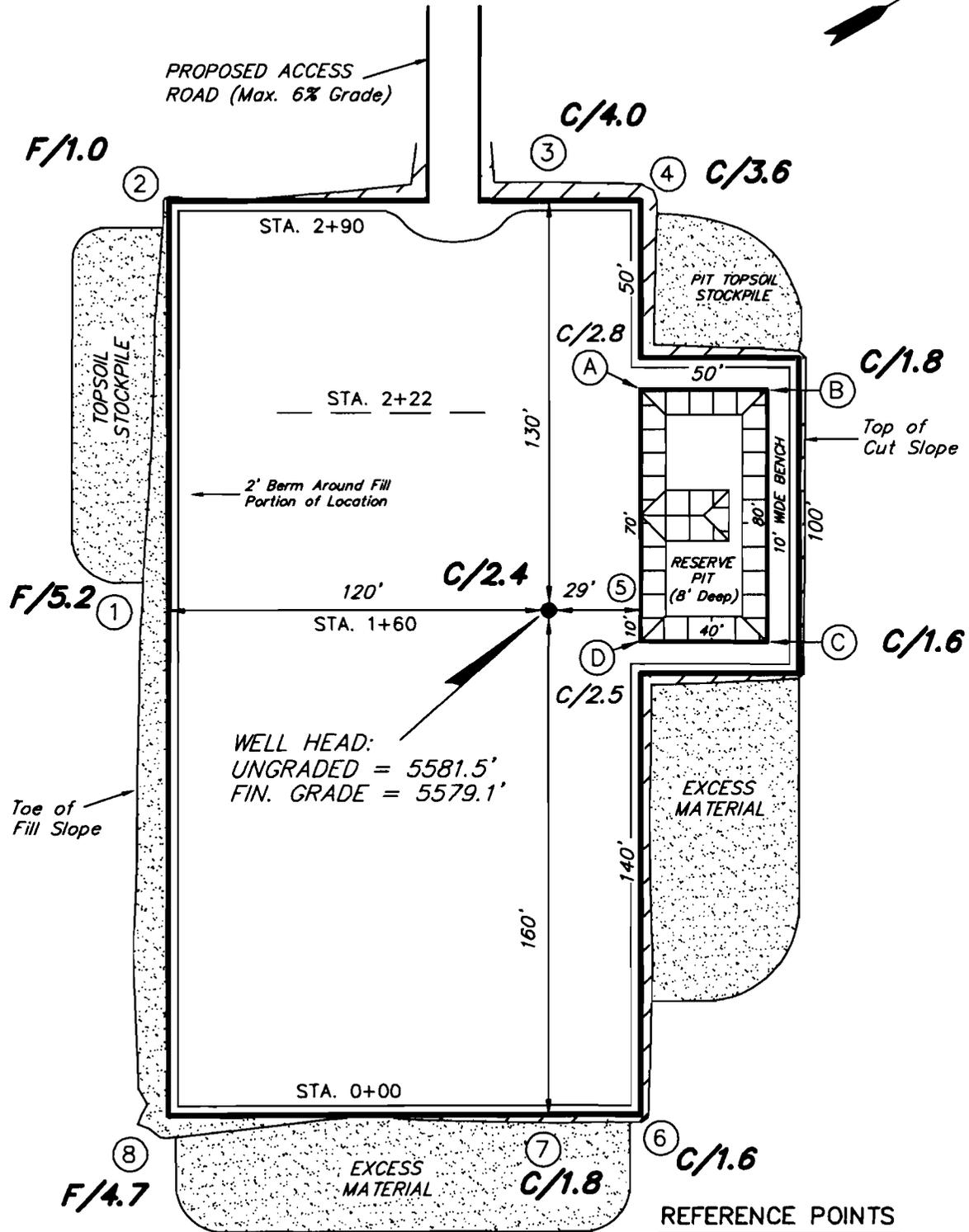
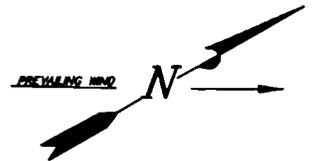
\_\_\_\_\_ 3/3/06  
Date

  
Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

# NEWFIELD PRODUCTION COMPANY

CASTLE PEAK 7-24-9-16

Section 24, T9S, R16E, S.L.B.&M.



WELL HEAD:  
UNGRADED = 5581.5'  
FIN. GRADE = 5579.1'

- REFERENCE POINTS**
- 210' SOUTHEASTERLY = 5576.5'
  - 260' SOUTHEASTERLY = 5573.8'
  - 170' SOUTHWESTERLY = 5573.7'
  - 220' SOUTHWESTERLY = 5573.9'

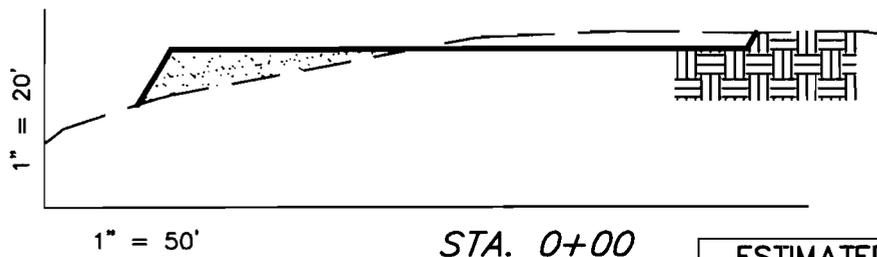
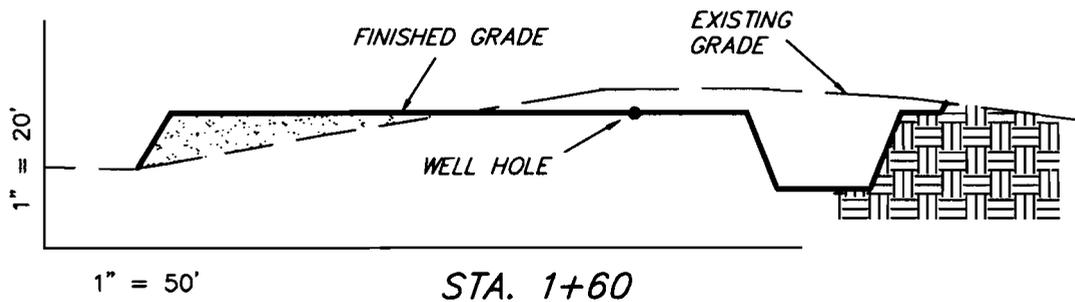
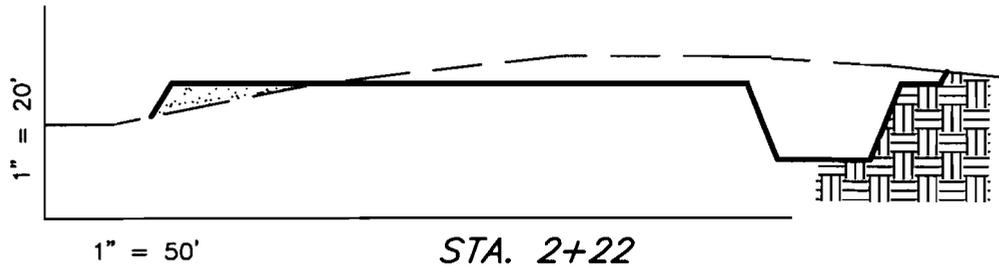
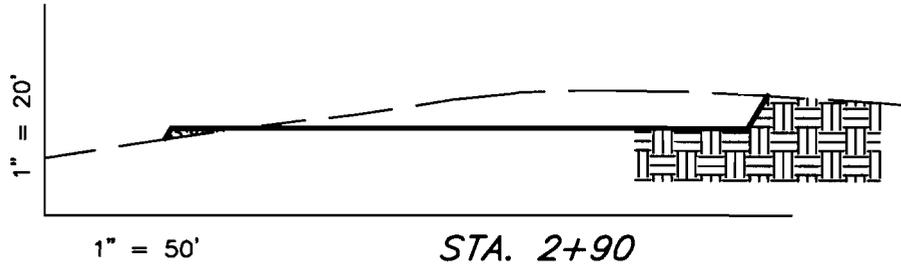
SURVEYED BY: C.M.	SCALE: 1" = 50'
DRAWN BY: M.W.	DATE: 2-16-06

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

# NEW FIELD PRODUCTION COMPANY

## CROSS SECTIONS

### CASTLE PEAK 7-24-9-16



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	1,880	1,880	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	2,520	1,880	980	640

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: M.W.

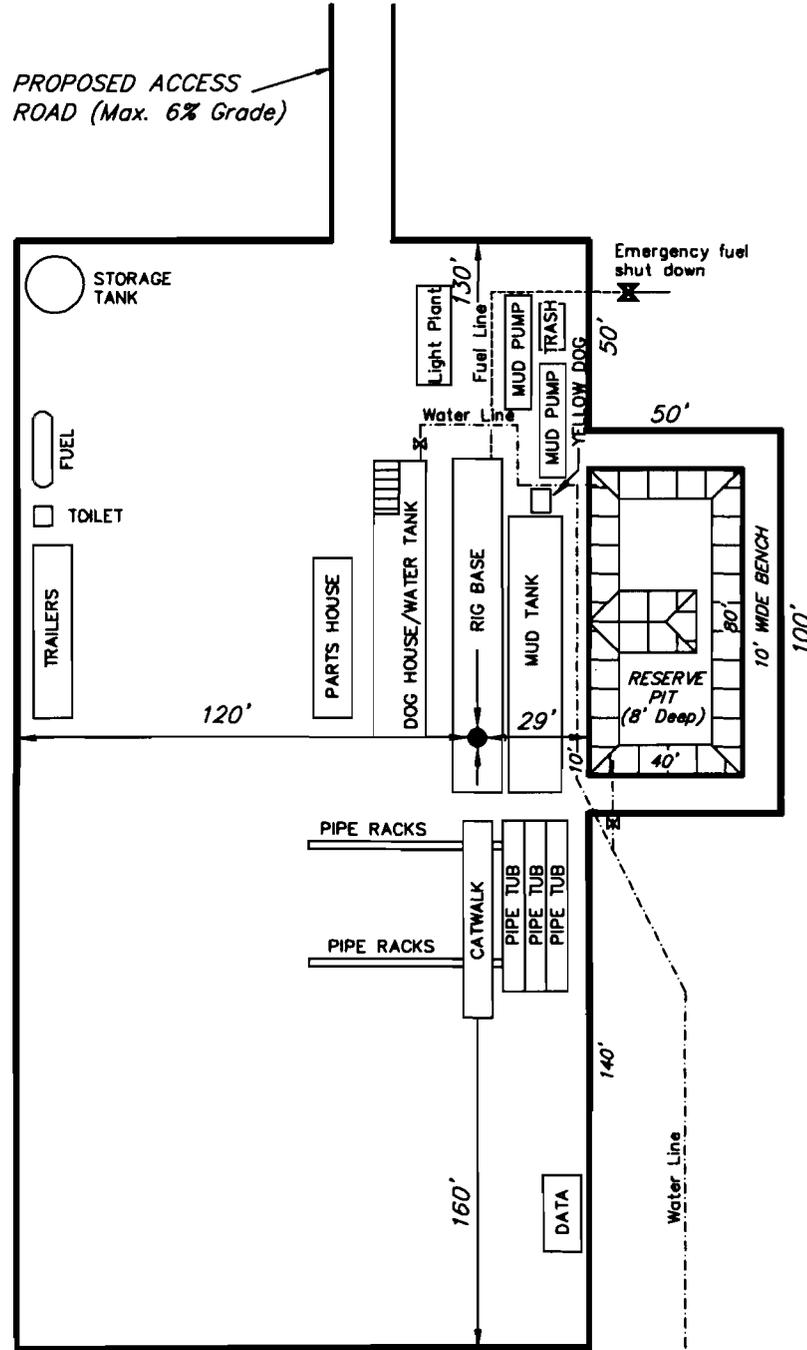
DATE: 2-16-06

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

# NEWFIELD PRODUCTION COMPANY

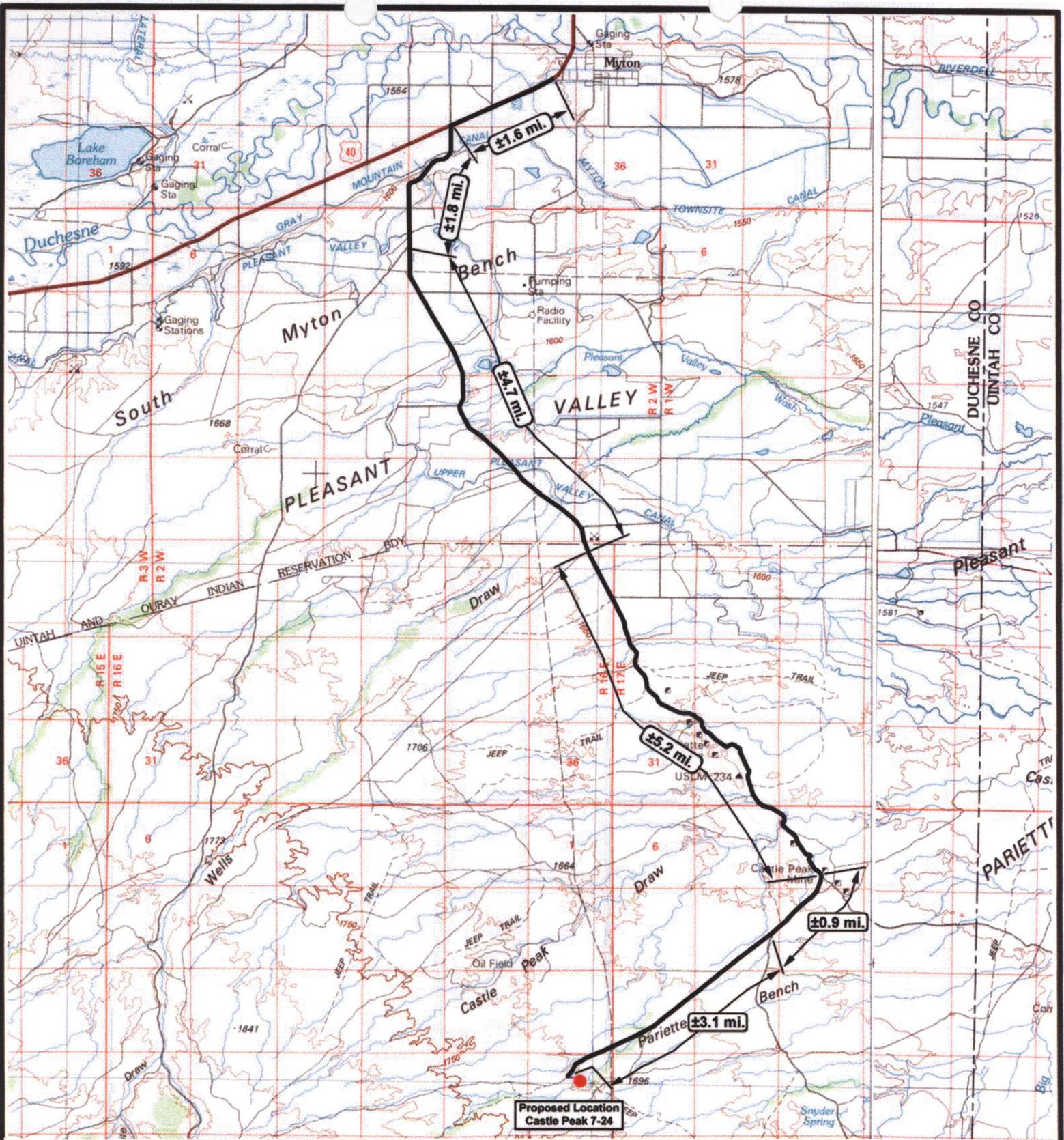
## TYPICAL RIG LAYOUT

### CASTLE PEAK 7-24-9-16



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: 2-16-06	

(435) 781-2501



**NEWFIELD**  
Exploration Company

**Castle Peak 7-24-9-16**  
**SEC. 24, T9S, R16E, S.L.B.&M.**



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

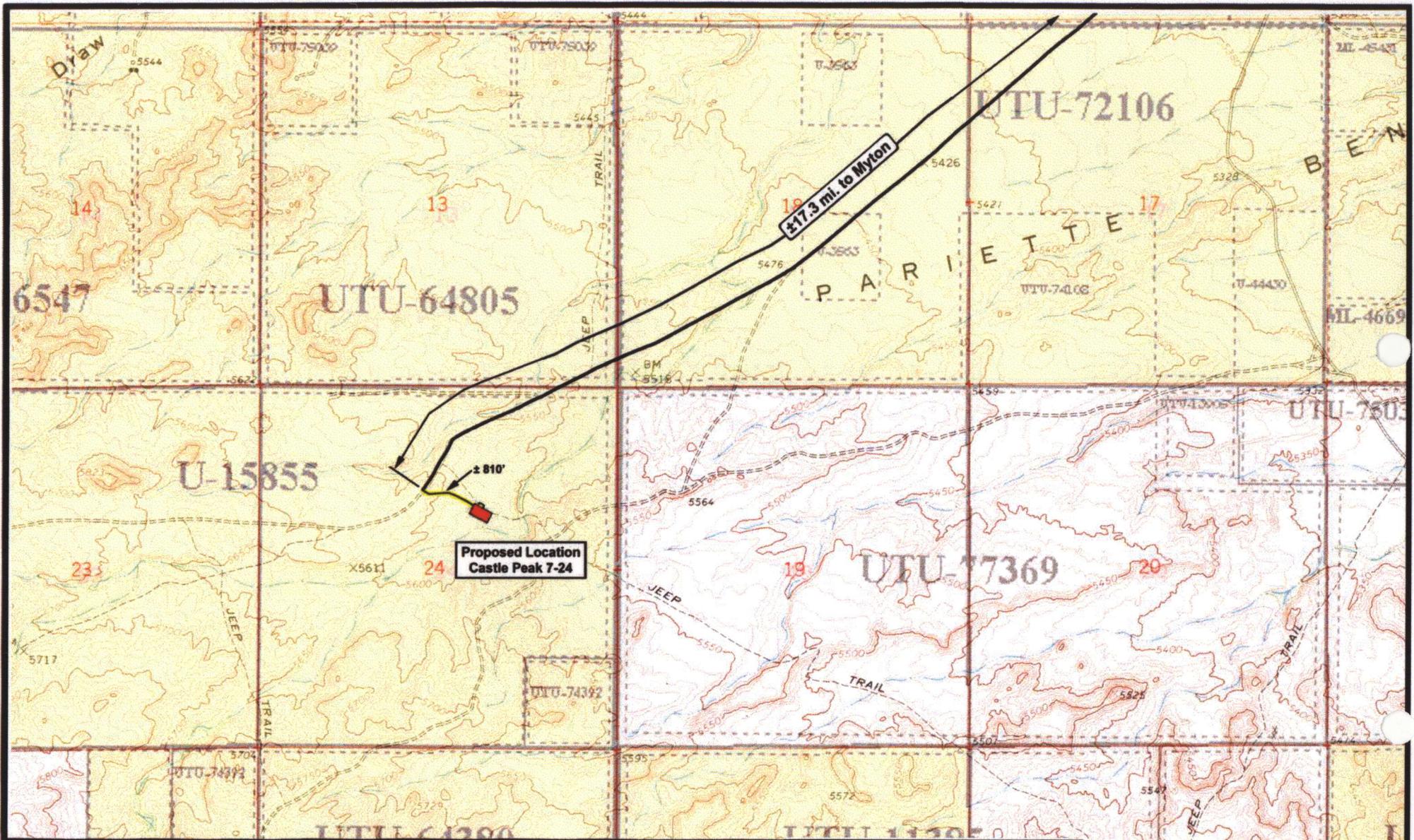
SCALE: 1 = 100,000  
DRAWN BY: mw  
DATE: 02-16-2006

**Legend**

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

**"A"**



**NEWFIELD**  
Exploration Company

**Castle Peak 7-24-9-16**  
**SEC. 24, T9S, R16E, S.L.B.&M.**



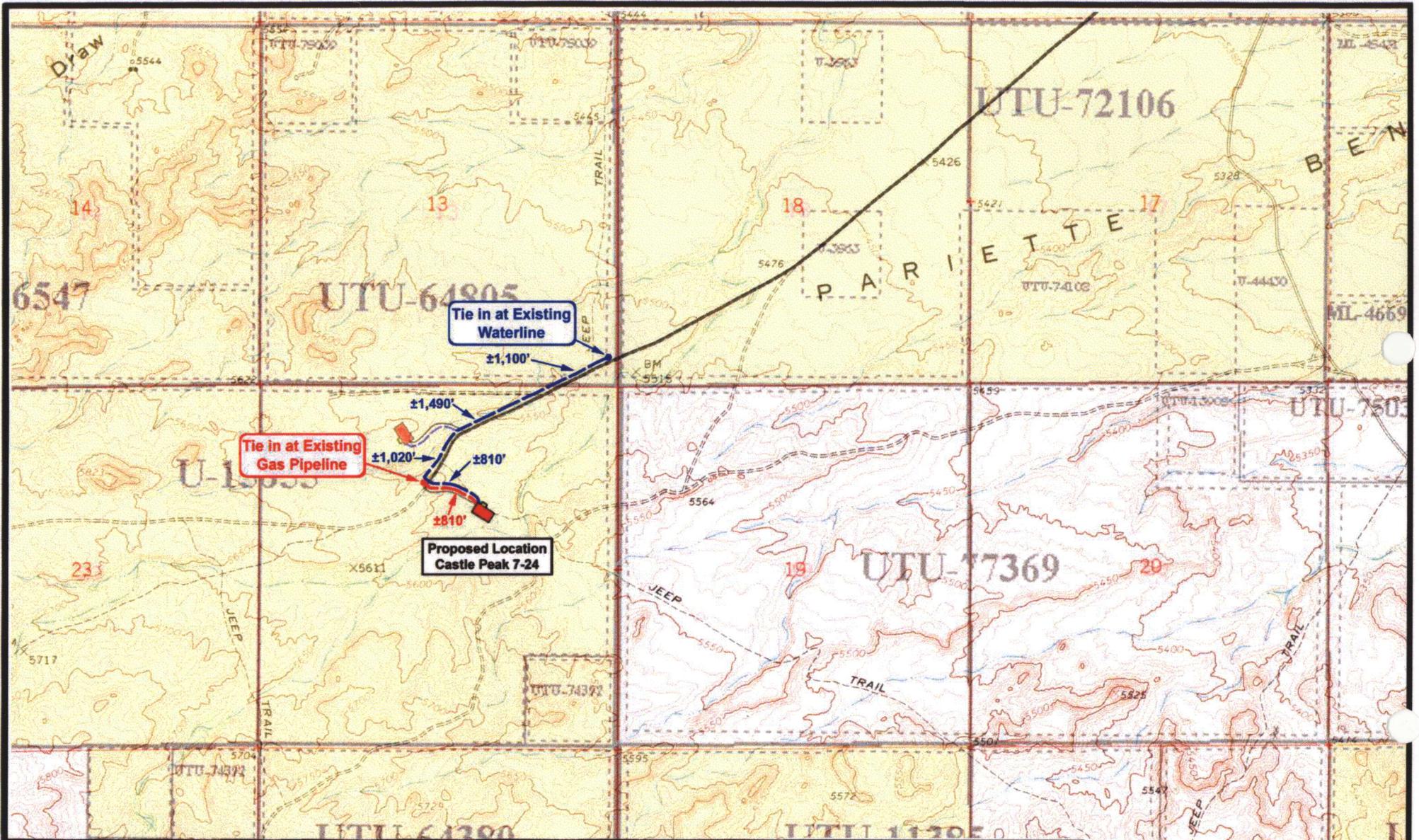
**Tri-State**  
*Land Surveying Inc.*  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 02-16-2006

**Legend**

- Existing Road
- Proposed Access

**"B"**



**NEWFIELD**  
Exploration Company

**Castle Peak 7-24-9-16**  
**SEC. 24, T9S, R16E, S.L.B.&M.**



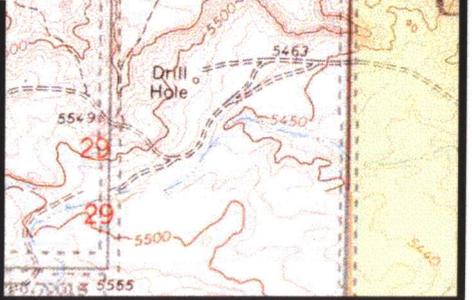
*Tri-State*  
*Land Surveying Inc.*  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

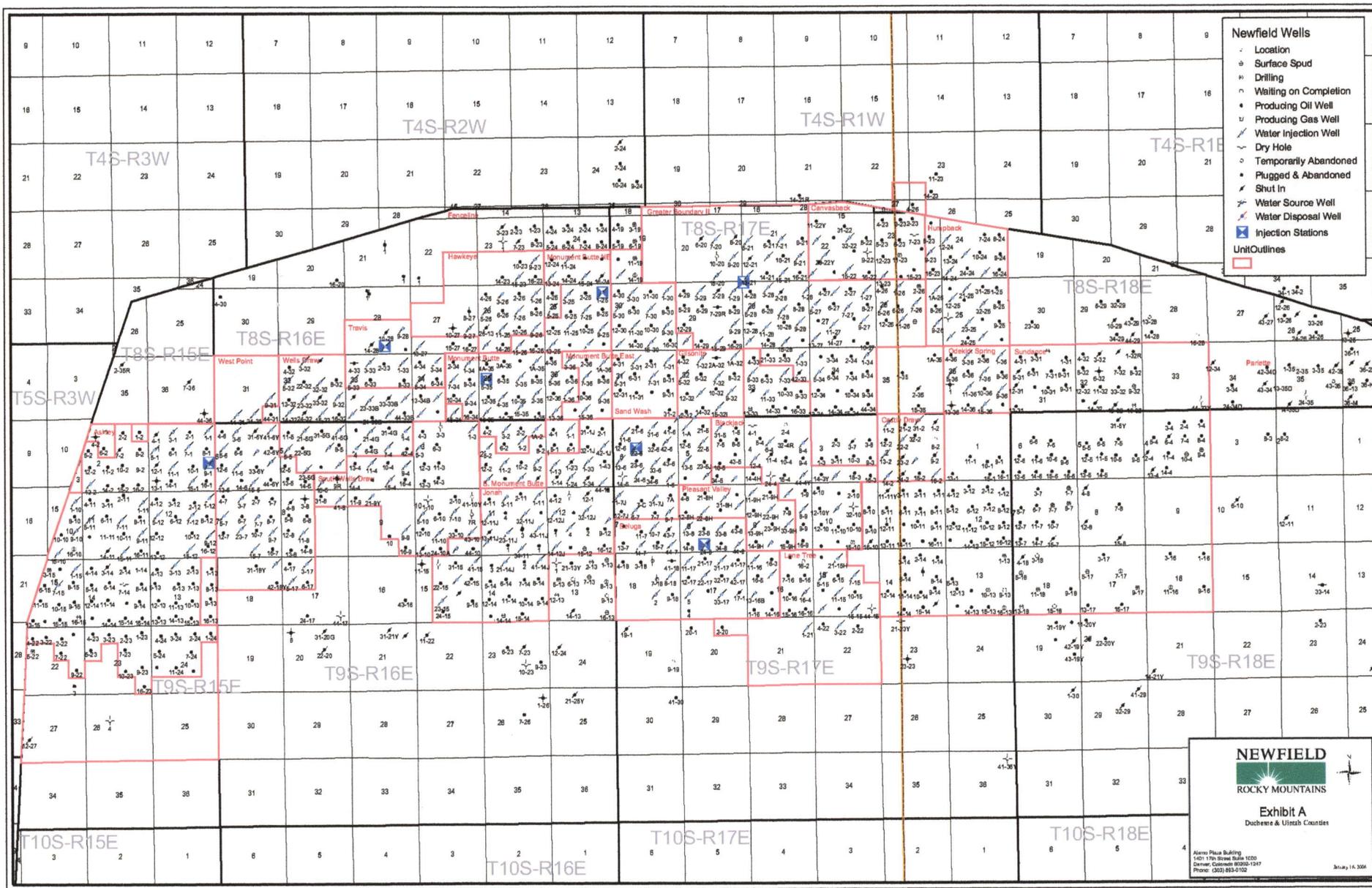
SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 02-15-2006

**Legend**

- Roads
- Proposed Gas Line
- Proposed Water Line

**"C"**





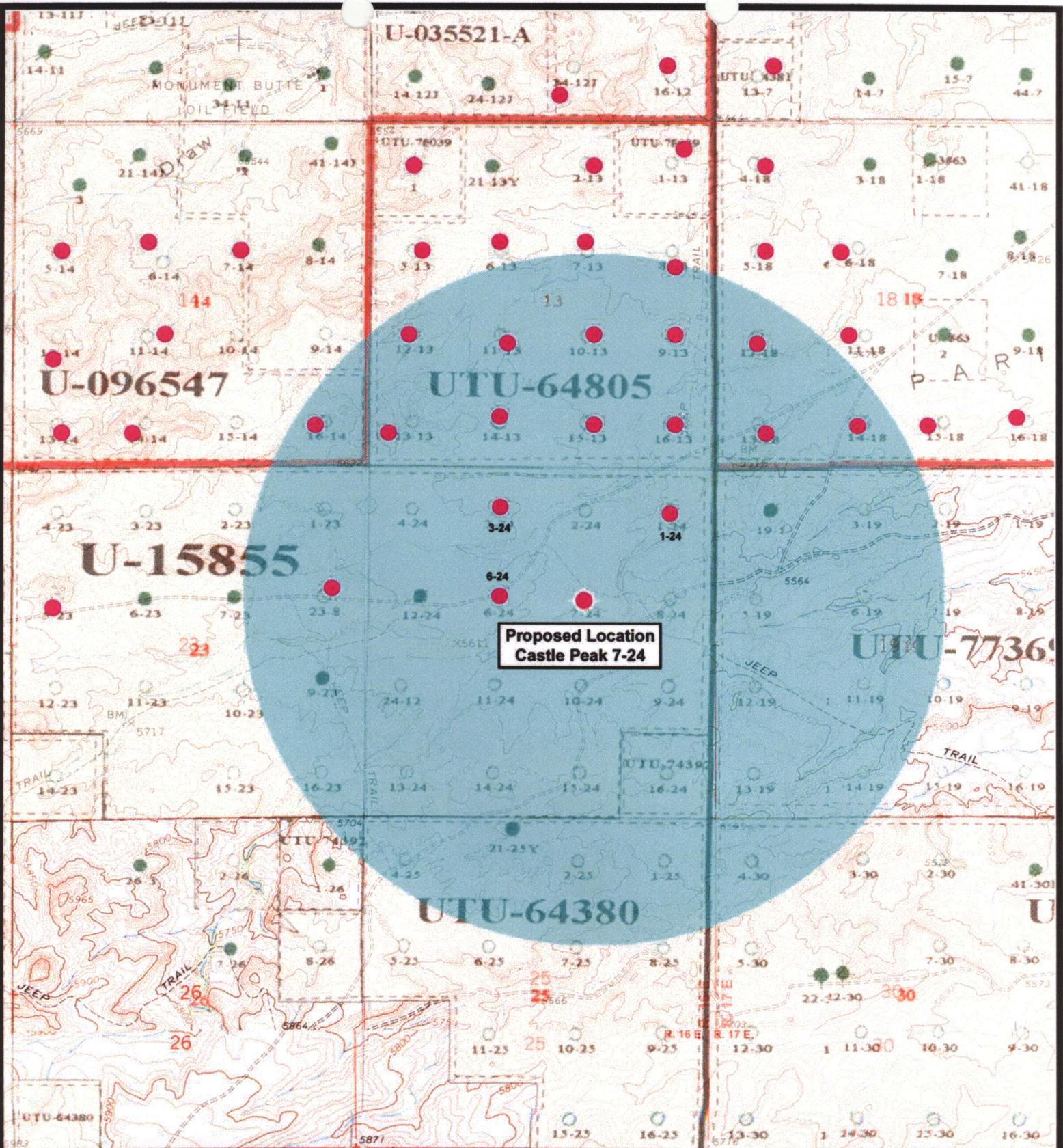
- Newfield Wells**
- Location
  - Surface Spud
  - Drilling
  - Waiting on Completion
  - Producing Oil Well
  - Producing Gas Well
  - Water Injection Well
  - Dry Hole
  - Temporarily Abandoned
  - Plugged & Abandoned
  - Shut In
  - Water Source Well
  - Water Disposal Well
  - Injection Stations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

**NEWFIELD**  
 ROCKY MOUNTAINS

Exhibit A  
 Duchesne & Uintah Counties

Alamo Plaza Building  
 1201 17th Street Suite 1000  
 Denver, Colorado 80202-1247  
 Phone: (303) 855-0100

May 14, 2008



Proposed Location  
Castle Peak 7-24

**Legend**

- Well Locations
- One-Mile Radius

**NEWFIELD**  
Exploration Company

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

**Castle Peak 7-24-9-16**  
**SEC. 24, T9S, R16E, S.L.B.&M.**



SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 02-16-2006

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

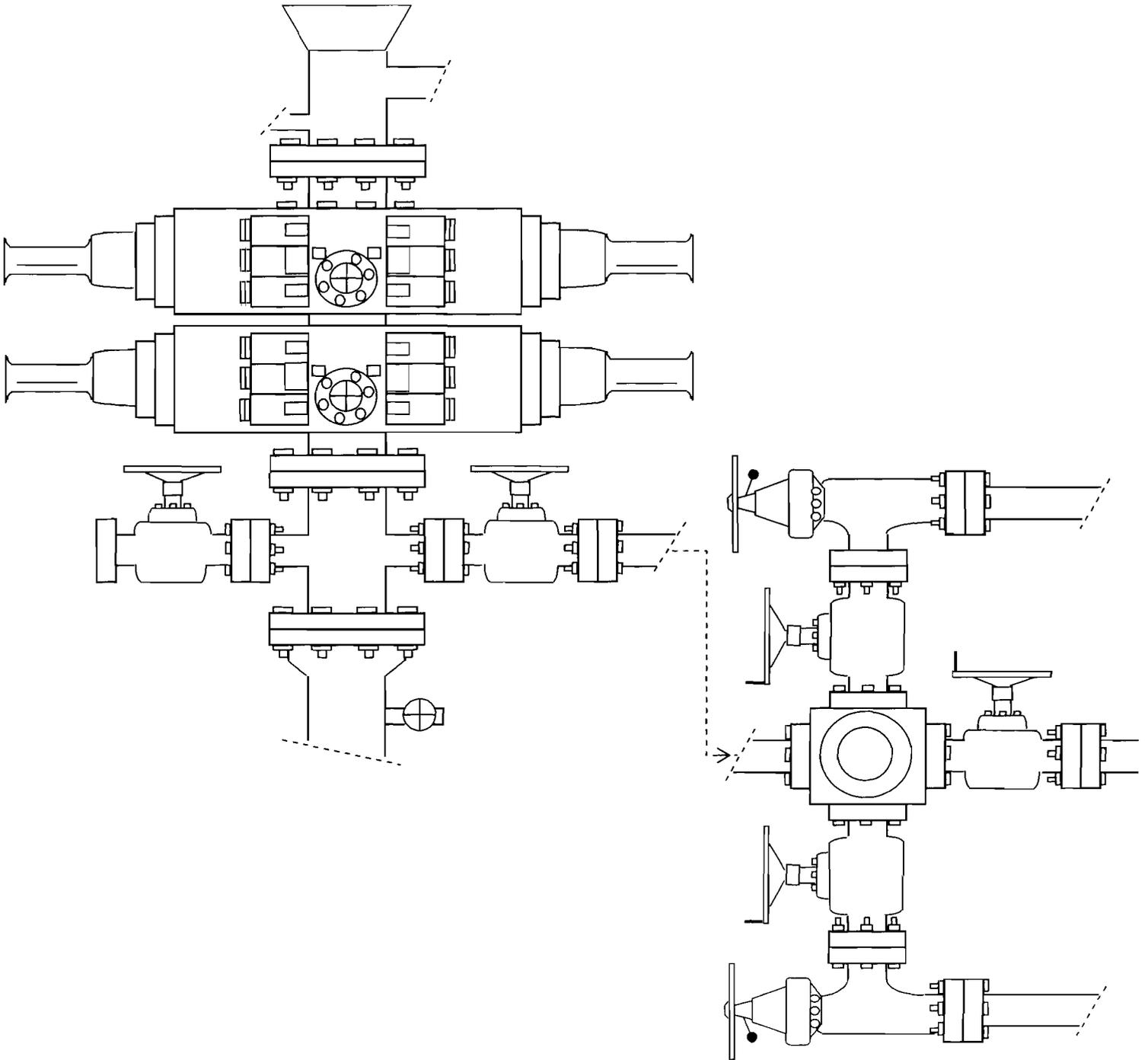


EXHIBIT C

Exhibit "D"  
Page 1 of 2

CULTURAL RESOURCE INVENTORY OF  
NEWFIELD EXPLORATION'S BLOCK PARCEL  
IN TOWNSHIP 9S, RANGE 16E, SECTION 23 and 24,  
DUCHESNE COUNTY, UTAH

By:

Andre' Jendresen  
and  
Keith Montgomery

Prepared For:

Bureau of Land Management Vernal Field Office

Prepared Under Contract With:

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

Submitted By:

Keith R. Montgomery  
Montgomery Archaeological Consultants, Inc.  
P.O. Box 147  
Moab, Utah 84532

MOAC Report No. 05-270

September 7, 2005

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

State of Utah Antiquities Project (Survey)  
Permit No. U-05-MQ-0831b

**NEWFIELD PRODUCTION COMPANY**

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

SW 1/4, SE 1/4, and SW 1/4, Section 9 [9,11,12,13 & 14-9-9-16]; Entire Section 22 (excluding NE 1/4, NE 1/4 & NW 1/4, NW 1/4) [2,3,5 through 16-9-9-16]; Entire Section 23 (excluding SE 1/4, NW 1/4, SW 1/4, NE 1/4, NE 1/4 & NW 1/4, SE 1/4) [1 through 5, 8,11 through 16-9-9-16]; Entire Section 24 (excluding SW 1/4, NW 1/4) [1 through 4, 6 through 16-9-9-16] all in Township 9 South, Range 16 East

**REPORT OF SURVEY**

Prepared for:

**Newfield Production Company**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
September 28, 2005

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 03/06/2006

API NO. ASSIGNED: 43-013-33085

WELL NAME: FEDERAL 7-24-9-16  
 OPERATOR: NEWFIELD PRODUCTION ( N2695 )  
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWNE 24 090S 160E  
 SURFACE: 1790 FNL 2019 FEL  
 BOTTOM: 1790 FNL 2019 FEL  
 COUNTY: DUCHESNE  
 LATITUDE: 40.01873 LONGITUDE: -110.0648  
 UTM SURF EASTINGS: 579807 NORTHINGS: 4430045  
 FIELD NAME: MONUMENT BUTTE ( 105 )

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

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-15855  
 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: 24 T. 9S R. 16E

FIELD: MONUMENT BUTTE (105)

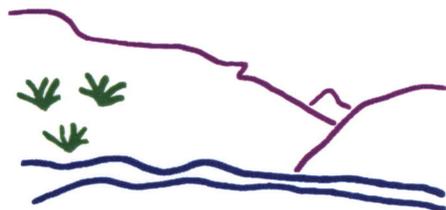
COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

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

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

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



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 09-MARCH-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*

March 9, 2006

Newfield Production Company  
Route #3, Box 3630  
Myton, UT 84052

Re: Federal 7-24-9-16 Well, 1790' FNL, 2019' FEL, SW NE, Sec. 24, 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.

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 43-013-33085.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

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 7-24-9-16  
**API Number:** 43-013-33085  
**Lease:** UTU-15855

**Location:** SW NE                      **Sec.** 24                      **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.

RECEIVED

MAR 06 2006

Form 3160-3  
(September 2001)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CANYON, UTAH

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

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-15855
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 7-24-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/NE 1790' FNL 2019' FEL At proposed prod. zone		9. API Well No. 43-013-33085
14. Distance in miles and direction from nearest town or post office* Approximatley 17.3 miles south 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. 1790' f/lse, NA' f/unit	16. No. of Acres in lease 1200.00	11. Sec., T., R., M., or Blk. and Survey or Area SW/NE Sec. 24, T9S R16E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1204'	19. Proposed Depth 5790'	12. County or Parish Duchesne
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5582' GL	22. Approximate date work will start* 2nd Quarter 2006	13. State UT
20. BLM/BIA Bond No. on file UTB000192		
23. Estimated duration Approximately seven (7) days from spud to rig release.		

24. Attachments

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

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

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 3/3/06
Title Regulatory Specialist		
Approved by (Signature) <i>Jerry Kenczka</i>	Name (Printed/Typed) JERRY KENCZKA	Date 2-15-2007
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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

Conditions of approval, if any, are attached. **CONDITIONS OF APPROVAL ATTACHED**

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

\*(Instructions on reverse)

RECEIVED

FEB 26 2007

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING

UDOGM

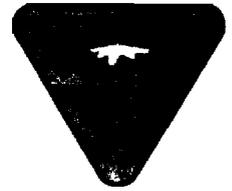
No NOS

078M4768A



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

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



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

**Company:** Newfield Production Company      **Location:** SWNE, Sec 24, T9S, R16E  
**Well No:** Federal 7-24-9-16      **Lease No:** UTU-15855  
**API No:** 43-013-33085      **Agreement:** N/A

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Petroleum Engineer:	Jim Ashley	Office: 435-781-4470	Cell: 435-828-7874
Petroleum Engineer:	Ryan Angus	Office: 435-781-4430	
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Chuck Macdonald	Office: 435-781-4441	
Natural Resource Specialist:	Darren Williams	Office: 435-781-4447	
Natural Resource Specialist:	Verlyn Pindell	Office: 435-781-3402	
<b>After Hours Contact Number:</b>	<b>435-781-4513</b>	<b>Fax:</b> 435-781-4410	

**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 one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

- Location Construction (Notify Chuck Macdonald) - Forty-Eight (48) hours prior to construction of location and access roads.
- Location Completion (Notify Chuck Macdonald) - 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 Jamie Sparger) - Twenty-Four (24) hours prior to running casing and cementing all casing strings.
- BOP & Related Equipment Tests (Notify Jamie Sparger) - 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)***

**LEASE STIPULATIONS AND NOTICES**

1. **There is a Golden Eagle nest located 0.13 miles E of the proposed location. No construction or drilling shall occur from February 1 through July 15 to protect the eagle during nesting season.**
  2. **There is habitat for Burrowing Owl within the area of the proposed location. No construction or drilling shall occur from April 1 through August 15 to protect the owl during nesting season.**
- Lease Notices from RMP: Lessee/operator is given notice the area has been identified as containing Golden Eagle and Ferruginous Hawk habitat. Modifications may be required in the Surface Use Plan to protect the Golden Eagle and Ferruginous Hawk and/or their habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
  - Comments:
    1. The Division of Wildlife Resources has designated lands in this area as containing potential antelope habitat and Mountain Plover habitat.
    2. If it is anticipated that construction or drilling will occur during the given timing restrictions for any wildlife, a BLM or qualified biologist must be contacted at least 2 weeks prior to the anticipated construction start date so surveys can be initiated.

**CONDITIONS OF APPROVAL**

- ROW (Right of Way):
  1. Access roads will be Crowned (2 to 3%), ditched, and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet during construction.
  2. Construction of gas pipelines. The disturbed area will be 50 feet wide to allow for construction of a surface 6" gas gathering line, and a surface 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure.
  3. Construction of water pipelines. Water pipelines will be buried 4 to 5 feet deep to avoid freezing. The disturbed area will be 50 feet wide to allow for construction and 30 feet wide for operations. Buried water pipelines will be 3" steel water injection line and 3" poly water return line.
- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.

- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- The interim seed mix for this location shall be:

Crested wheatgrass ( <i>Agropyron cristatum</i> ):	4 lbs/acre
Needle and Threadgrass ( <i>Hesperostipa comata</i> ):	4 lbs/acre
Indian Ricegrass ( <i>Achnatherum hymenoides</i> ):	4 lbs/acre

  - All pounds are in pure live seed.
  - Rates are set for drill seeding; double the rate if broadcasting.
  - Reseeding may be required if initial seeding is not successful.
- The operator will be responsible for treatment and control of invasive and noxious weeds.

- 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 (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding shall take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.
- Operator shall notify any active gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.

### ***DOWNHOLE CONDITIONS OF APPROVAL***

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

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

1. 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.
2. Run a cement bond log from TD to the base of the surface casing shoe.

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

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. 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. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. 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.

5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
7. The lessee/operator must report encounters of all non oil and gas mineral resources (such as gilsonite, tar sands, oil shale, 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.
8. 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.
9. 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.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. 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 pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

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.

10. 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.

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\_Wellogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**

11. 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.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

12. Oil and gas meters shall be calibrated in place prior to any deliveries. The 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.
13. 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.
14. This APD is approved subject to the requirement that, 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:
  - a. Operator name, address, and telephone number.
  - b. Well name and number.
  - c. Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
  - e. 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).

- f. 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.
  - g. Unit agreement and / or participating area name and number, if applicable.
  - h. Communitization agreement number, if applicable.
15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
16. 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
17. 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.
18. 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.

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-15855**

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

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

8. Well Name and No.  
**FEDERAL 7-24-9-16**

9. API Well No.  
**43-013-33085**

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)

**1790 FNL 2019 FEL SW/NE Section 24, 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 **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.)\*

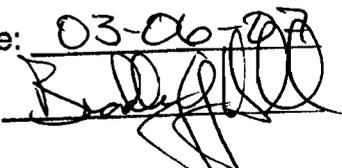
Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 3/9/06 (expiration 3/9/07).

This APD is not yet due to expire with the BLM.

Approved by the  
Utah Division of  
Oil, Gas and Mining

RECEIVED

MAR 06 2007

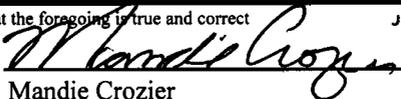
Date: 03-06-2007  
By: 

DIV. OF OIL, GAS & MINING

3-7-07  
RM

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

Signed

  
Mandie Crozier

Title

Regulatory Specialist

Date

3/5/2007

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:** 43-013-33085  
**Well Name:** Federal 7-24-9-16  
**Location:** SW/NE Section 24,T9S R16E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 3/9/2006

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

*Mandi Curzin*  
 \_\_\_\_\_  
 Signature

3/5/2007  
 \_\_\_\_\_  
 Date

Title: Regulatory Specialist

**RECEIVED  
MAR 06 2007**

Representing: Newfield Production Company

DIV. OF OIL, GAS & MINING

**DIVISION OF OIL, GAS AND MINING**

**SPUDDING INFORMATION**

Name of Company: Newfield Production Company

Well Name: Federal 7-24-9-16

API No: 43-013-33085 Lease Type: Federal

Section 24 Township 09S Range 16E County Duchesne

Drilling Contractor NDSI Rig # NS# 1

**SPUDDED:**

Date 10-8-07

Time 1:30 PM

How Dry

**Drilling will Commence:** \_\_\_\_\_

Reported by Brandon Hall

Telephone # 435-828-6110

Date 10-9-07 Signed RM

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

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

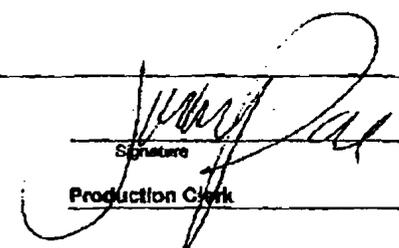
OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
WELL 1 COMMENTS:											
A	99999	16408	4301333082	FEDERAL 1-24-9-16	NENE	24	9S	16E	DUCHESNE	10/10/2007	10/17/07
GRUV											
A	99999	16409	4301332999	FEDERAL 13-18-9-16	SWSW	18	9S	16E	DUCHESNE	10/4/2007	10/17/07
GRUV											
A	99999	16410	4301333180	FEDERAL 13-23-9-16	SWSW	23	9S	16E	DUCHESNE	10/5/2007	10/17/07
GRUV											
A	99999	16411	4301333085	FEDERAL 7-24-9-16	SWNE	24	9S	16E	DUCHESNE	10/8/2007	10/17/07
WELL 5 COMMENTS: GRUV											
A	99999	16412	4301333160	FEDERAL 11-19-9-16	NESW	19	9S	16E	DUCHESNE	10/9/2007	10/17/07
WELL 5 COMMENTS: GRUV											

ACTION CODES (See Instructions on back of form)

- A - 1 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 - test (explain in comments section)

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

  
 Jentri Park  
 Signature  
 Production Clerk  
 10/11/07  
 Date

RECEIVED  
 OCT 11 2007  
 DIV. OF OIL, GAS & MINING



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

8 5/8 CASING SET AT 320.63

LAST CASING 8 5/8" set @ 320.63'kb  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 320' LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company  
 WELL Federal 7-24-9-16  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # NDSI NS # 1

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 43.90'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	312.36
		<b>GUIDE</b> shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			310.63
TOTAL LENGTH OF STRING		310.63	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			<b>320.63</b>
TOTAL		308.78	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		308.78	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.	Spud	10/8/2007	1:30 PM	GOOD CIRC THRU JOB			Yes
CSG. IN HOLE		10/12/2007	12:15 PM	Bbls CMT CIRC TO SURFACE			7
BEGIN CIRC		10/17/2007	8:10 AM	RECIPROCATED PIPE FOR			N/A
BEGIN PUMP CMT		10/17/2007	8:23 AM				
BEGIN DSPL. CMT		10/17/2007	8:34 AM	BUMPED PLUG TO			105 PSI
PLUG DOWN		10/17/2007	8:41 AM				
CEMENT USED		CEMENT COMPANY- <b>B. J.</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third for 3							

COMPANY REPRESENTATIVE Jim Smith

DATE 10/17/2007

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

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

5. Lease Serial No.  
USA UTU-15855

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
FEDERAL 7-24-9-16

9. API Well No.  
4301333085

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
DUCHESNE, UT

SUBMIT IN TRIPLICATE - Other instructions on reverse side

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 area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1790 FNL 2019 FEL  
SWNE Section 24 T9S R16E

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	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

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

On 11/02/07 MIRU NDSI Rig # 3. 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 5750'. 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, 133 jt's of 5.5 J-55, 15.5# csgn. Set @ 5722.07' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. The 400 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 19 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 105,000 #'s tension. Release rig @ 6:30 PM on 11/11/07.

RECEIVED  
NOV 27 2007  
DIV OF OIL, GAS & MINING

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

Title  
Drilling Foreman

Date  
11/21/2007

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 reverse)

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

5 1/2" CASING SET AT 5722.07

Flt cllr @ 5664.77

LAST CASING 8 5/8" Set @ 320.63  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING 12'  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 5750' Loggers 5744'  
 HOLE SIZE 7 7/8"

OPERATOR Newfield F  
 WELL Federal 7-24-9-16  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # NDSI #3

**LOG OF CASING STRING:**

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 4093'/6.20'					
132	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5665.42
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	43.4
		<b>GUIDE</b> shoe			8rd	A	0.65

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	5724.07
TOTAL LENGTH OF STRING	5724.07	133	LESS CUT OFF PIECE	14
LESS NON CSG. ITEMS	15.25		PLUS DATUM TO T/CUT OFF CSG	12
PLUS FULL JTS. LEFT OUT	339	8	CASING SET DEPTH	<b>5722.07</b>
<b>TOTAL</b>	<b>6047.82</b>	<b>141</b>		

TOTAL CSG. DEL. (W/O THRDS)	6047.82	141	} COMPARE
TIMING	1ST STAGE	2nd STAGE	
BEGIN RUN CSG.	11/11/2007	7:00 AM	GOOD CIRC THRU JOB <u>YES</u>
CSG. IN HOLE	11/11/2007	11:00 AM	Bbls CMT CIRC TO SURFACE
BEGIN CIRC	11/11/2007	11:15 AM	RECIPROCATED PIPE FOR <u>THRUSTROKE NA</u>
BEGIN PUMP CMT	11/11/2007	11:42 AM	DID BACK PRES. VALVE HOLD ? <u>YES</u>
BEGIN DSPL. CMT	11/11/2007	12:42 PM	BUMPED PLUG TO <u>1590</u> PSI
PLUG DOWN	11/11/2007	1:02 PM	

CEMENT USED		CEMENT COMPANY- <b>B. J.</b>
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	300	Premilite II w/ 10% gel + 3 % KCL, 5#'s /sk CSE + 2# sk/kolseal + 1/2#'s/sk Cello Flake mixed @ 11.0 ppg W / 3.43 cf/sk yield
2	400	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.		

COMPANY REPRESENTATIVE Jim Smith DATE 11/10/2007

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.

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

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)  
1790 FNL 2019 FEL  
SWNE Section 24 T9S R16E

5. Lease Serial No.  
USA UTU-15855

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
FEDERAL 7-24-9-16

9. API Well No.  
4301333085

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
DUCHESNE, UT

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

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

Formation water is produced 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.

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

**RECEIVED**  
DEC 05 2007

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed) Mandie Crozier	Title Regulatory Specialist
Signature <i>Mandie Crozier</i>	Date 12/03/2007

**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 reverse)

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-15855

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
FEDERAL 7-24-9-16

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301333085

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: 1790 FNL 2019 FEL COUNTY: DUCHESNE  
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNE, 24, 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: 11/29/2007	<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 11/29/07, attached is a daily completion status report.

NAME (PLEASE PRINT) Tammi Lee TITLE Production Clerk  
SIGNATURE *Tammi Lee* DATE 12/27/2007

(This space for State use only)

**RECEIVED**

**JAN 03 2008**

DIV. OF OIL, GAS & MINING

**Daily Activity Report**

Format For Sundry

**FEDERAL 7-24-9-16**

9/1/2007 To 1/30/2008

**11/21/2007 Day: 1****Completion**

Rigless on 11/20/2007 - Instal 5K frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5637' & cement top @ 102'. Perforate stage #1, A.5 sds @ 4773-4780' w/ 3-1/8" Slick Guns (19 gram, .49"HE. 120°) w/ 4 spf for total of 28 shots. 135 bbls EWTR. SIFN.

**11/27/2007 Day: 2****Completion**

Rigless on 11/26/2007 - RU BJ Services "Ram Head" frac flange. RU BJ & frac A.5 sds, stage #1 down casing w/ 17,251#'s of 20/40 sand in 275 bbls of Lightning 17 frac fluid. Open well w/ 20 psi on casing. Perfs broke down @ 2976 psi. Pump 30 gals of Techna Hib. Treated @ ave pressure of 2409 @ ave rate of 23 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2414. 410 bbls EWTR. Leave pressure on well. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 7' perf gun. Set plug @ 4740'. Perforate B2 sds @ 4707-14' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 spf for total of 28 shots. RU BJ & frac stage #2 w/ 14,724#'s of 20/40 sand in 259 bbls of Lightning 17 frac fluid. Open well w/ 1888 psi on casing. Perfs broke down @ 2548 psi. Pump 30 gals of Techna Hib. Treated @ ave pressure of 2302 @ ave rate of 23 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2046. 669 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 8' perf gun. Set plug @ 4680'. Perforate B1 sds @ 4648-56' w/ 4 spf for total of 32 shots. RU BJ & frac stage #3 w/ 34,965#'s of 20/40 sand in 404 bbls of Lightning 17 frac fluid. Open well w/ 1648 psi on casing. Perfs broke down @ 1929 psi. Pump 30 gals of Techna Hib. Treated @ ave pressure of 2184 @ ave rate of 23 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2285. 1073 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 11' perf gun. Set plug @ 4590'. Perforate D3 sds @ 4507-18' w/ 4 spf for total of 44 shots. RU BJ & frac stage #4 w/ 19,882#'s of 20/40 sand in 289 bbls of Lightning 17 frac fluid. Open well w/ 1712 psi on casing. Perfs broke down @ 2344 psi. Pump 30 gals of Techna Hib. Treated @ ave pressure of 2096 @ ave rate of 23 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1854. 1362 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 8' perf gun. Set plug @ 4200'. Perforate PB8 sds @ 4086-94' w/ 4 spf for total of 32 shots. RU BJ & frac stage #5 w/ 39,746#'s of 20/40 sand in 382 bbls of Lightning 17 frac fluid. Open well w/ 1577 psi on casing. Perfs broke down @ 1900 psi. Pump 30 gals of Techna Hib. Treated @ ave pressure of 2344 @ ave rate of 23 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2153. 1744 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 11' perf gun. Set plug @ 4010'. Perforate GB6 sds @ 3937-48' w/ 4 spf for total of 44 shots. RU BJ & frac stage #6 w/ 9,438#'s of 20/40 sand in 219 bbls of Lightning 17 frac fluid. Open well w/ 1560 psi on casing. Perfs broke down @ 1816 psi. Pump 30 gals of Techna Hib. Treated @ ave pressure of 2045 @ ave rate of 23 bpm w/ 6.5 ppg of sand. ISIP was 1931. 1963 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 5 hours & died w/ 350 bbls rec'd. SIFN.

**11/28/2007 Day: 3****Completion**

NC #2 on 11/27/2007 - MIRU NC #2. Bleed off well. ND 5000# BOPs & frac head. NU 3000# wellhead & BOPs. RU rig floor. Pickup 127- jts 2 7/8" J-55 6.5# tbg from pipe racks (tallying & drifting). Tag fill @ 3980'. RU pump lines. SDFN.

**11/29/2007 Day: 4****Completion**

NC #2 on 11/28/2007 - RU power swivel. Clean out to plug @ 4010' & drill up plug in 28 minutes. Circulate well clean. PU tbg & tag fill @ 4190'. Clean out to plug @ 4200' & drill up plug in 25

minutes. Circulate well clean. PU tbg & tag fill @ 4550'. Clean out to plug @ 4590' & drill up plug in 30 minutes. Circulate well clean. PU tbg & tag fill @ 4660'. Clean out to plug @ 4680' & drill up plug in 26 minutes. Circulate well clean. PU tbg & tag fill @ 4700'. Clean out to plug @ 4740' & drill up plug in 30 minutes. Circulate well clean. PU tbg & tag fill @ 5590'. Clean out to PBD @ 5677'. Circulate well clean. RD power swivel. TOOH w/ 2- jts tbg. RU swab equipment. Made 13 swab runs w/ SFL @ surface & EFL @ 1350'. Ending w/ small show of gas & approx. 4% oil cut. Swabbed total of 117 Bbls. SDFN.

---

11/30/2007 Day: 5

Completion

NC #2 on 11/29/2007 - TIH & tag PBD @ 5677'. LD 33- jts tbg. TOOH w/ tbg & LD BHA. TIH w/ 2 7/8 NC, 2- jts 2 7/8 J-55 6.5# tbg, SN, 1-jt tbg, TA, 151- jts tbg. RD rig floor. ND BOPs. Set TA @ 4753.65' w/ 16000# tension. NU wellhead. Flush tbg w/ 60 BW @ 250°. X-over for rods. PU & prime CDI 2 1/2" X 1 1/2" X 14' X 18' RHAC rod pump. PU rods from trailer as detailed below. RU pumping unit. Hang rods off & adjust tag. Fill tbg w/ 8 BW & test to 200 psi. Stroke test pump w/ unit to 800 psi (good test). RDMO. PWOP @ 5:30 PM w/ 96" SL & 5 SPM. Est 1661 BWTR. Final Report!

---

Pertinent Files: Go to File List

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WORK  
 OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

1b. TYPE OF WELL  
 NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF RESVR.  Other \_\_\_\_\_

5. LEASE DESIGNATION AND SERIAL NO.  
UTU-15855

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NA

7. UNIT AGREEMENT NAME  
CASTLE PEAK

8. FARM OR LEASE NAME, WELL NO.  
FEDERAL 7-24-9-16

9. WELL NO.  
43-013-33286-33085

2. NAME OF OPERATOR  
Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.  
1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)\*  
 At Surface 1790' FNL 2019' FEL SW/NE SEC. 24, T9S, R16E  
 At top prod. Interval reported below

10. FIELD AND POOL OR WILDCAT  
MONUMENT BUTTE

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
SEC. 24, T9S, R16E

12. COUNTY OR PARISH  
Duchesne

13. STATE  
UT

14. API NO.  
43-013-33085

DATE ISSUED  
3/9/07

15. DATE SPUNDED  
10/8/07

16. DATE T.D. REACHED  
11/10/07

17. DATE COMPL. (Ready to prod.)  
11/29/07

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*  
5582' GL 5594' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD  
5750'

21. PLUG BACK T.D., MD & TVD  
5677'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY  
----->

ROTARY TOOLS  
X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*  
Green River 3937'-4780'

25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED  
No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	321'	12 1/4	SURFACE W/160 SX CLASS "G" CEME	
5-1/2" J-55	15.5#	5722	7 7/8	300SX PRIMLITE II & 400 SX 50/50 POZ	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	EOT @ 4852	TA @ 4754'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

A.5 sds 4773'-4780'	.49"	4/28	4773'-4780'	Frac w/17,251#s of 20/40 in 275 bbl of fluid
B2 sds 4707'-4714'	.49"	4/28	4707'-4714'	Frac w/ 414,724 #s of 20/40 in 4259 bbl of fluid
B1 sds 4648'-4656'	.49"	4/32	4648'-4656'	Frac w/34,965 #s of 20/40 in 404 bbls of fluid
D3 sds 4507'-4518'	.49"	4/44	4507'-4518'	Frac w/ 19,882 #s 20/40 in 289 bbls of fluid
PB8 sds 4086'-4094'	.49"	4/32	4086'-4094'	Frac w/ 39,746 #s 20/40 in 382 bbls of fluid
GB6 sds 3937'-3948'	.49"	4/44	3937'-3948'	Frac w/ 9,438 #s of 20/40 in 219 bbls of fluid

33.\* PRODUCTION

DATE FIRST PRODUCTION  
11/29/07

PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)  
2-1/2" x 1-1/2" x 14 x 18' RHAC Rod Pump

WELL STATUS (Producing or shut-in)  
PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 day ave			----->	364	263	789	472

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)
		----->				

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
Sold & Used for Fuel

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Tammi Lee TITLE Production Technician DATE 12/27/2007

Tammi Lee

RECEIVED  
TEST WITNESSED BY  
JAN 18 2008

\*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (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);

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Federal 7-24-9-16			
				Garden Gulch Mkr	3226'	
				Garden Gulch 1	3406'	
				Garden Gulch 2	3512'	
				Point 3 Mkr	3758'	
				X Mkr	4010'	
				Y-Mkr	4044'	
				Douglas Creek Mkr	4164'	
				BiCarbonate Mkr	4390'	
				B Limestone Mkr	4596'	
				Castle Peak	5011'	
				Basal Carbonate	5420'	
				Wasatch	5554'	
				Total Depth (Loggers)	5592'	

# NEWFIELD



Well Name: Federal 7-24-9-16  
 LOCATION: S24, T9S, R16E  
 COUNTY/STATE: Duchesne  
 API: 43-013-33085

Spud Date: 10-8-07  
 TD: 5750'  
 CSG: 11-11-07  
 POP:

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	SPM	Comments
11/29/2007				1653				Waiting for final report
11/30/2007	1	0	20	1633	0	0	5	Surface equipment failure.
12/1/2007	0	0	0	1633	0	0	0	Down - waiting for mechanic
12/2/2007	0	0	0	1633	0	0	0	Down - waiting for mechanic
12/3/2007	0	0	0	1633	0	0	0	replacing surface equipment
12/4/2007	12	0	136	1497	0	35	5	
12/5/2007	24	0	35	1462	0	50	5	
12/6/2007	24	0	27	1435	0	57	5	
12/7/2007	24	0	12	1423	0	55	5	
12/8/2007	24	0	33	1390	0	55	5	
12/9/2007	24	53	70	1320	18	50	5	
12/10/2007	24	72	70	1250	16	50	5	
12/11/2007	24	57	83	1167	15	50	5	
12/12/2007	24	48	78	1089	20	55	5	
12/13/2007	24	51	70	1019	96	55	5	
12/14/2007	24	43	83	936	30	55	5	
12/15/2007	24	38	57	879	43	55	5	
12/16/2007	24	50	81	798	49	55	5	
12/17/2007	24	26	125	673	24	55	5	
12/18/2007	24	41	80	593	34	55	5	
12/19/2007	24	45	85	508	34	55	5	
12/20/2007	24	28	80	428	25	63	5	
12/21/2007	24	38	87	341	6	63	5	
12/22/2007	24	36	85	256	6	65	5	
12/23/2007	24	35	60	196	30	55	5	
12/24/2007	24	40	88	108	30	55	5	
12/25/2007	24	73	73	35	29	50	5	
12/26/2007	24	0	85	-50	39	50	5	
12/27/2007				-50				
12/28/2007				-50				
12/29/2007				-50				
12/30/2007				-50				
		<b>774</b>	<b>1703</b>		<b>544</b>			

<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.	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-15855
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	8. WELL NAME and NUMBER: FEDERAL 7-24-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1790 FNL 2019 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 24 Township: 09.0S Range: 16.0E Meridian: S	9. API NUMBER: 43013330850000
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	COUNTY: DUCHESNE
9. API NUMBER: 43013330850000	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: 7/10/2012	<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 07/03/2012. On 07/06/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/10/2012 the casing was pressured up to 1875 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 500 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: July 16, 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> 7/11/2012	

# Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: \_\_\_\_\_ Date 7,10,12 Time 11:00  am  pm  
Test Conducted by: Cody Marx  
Others Present: \_\_\_\_\_

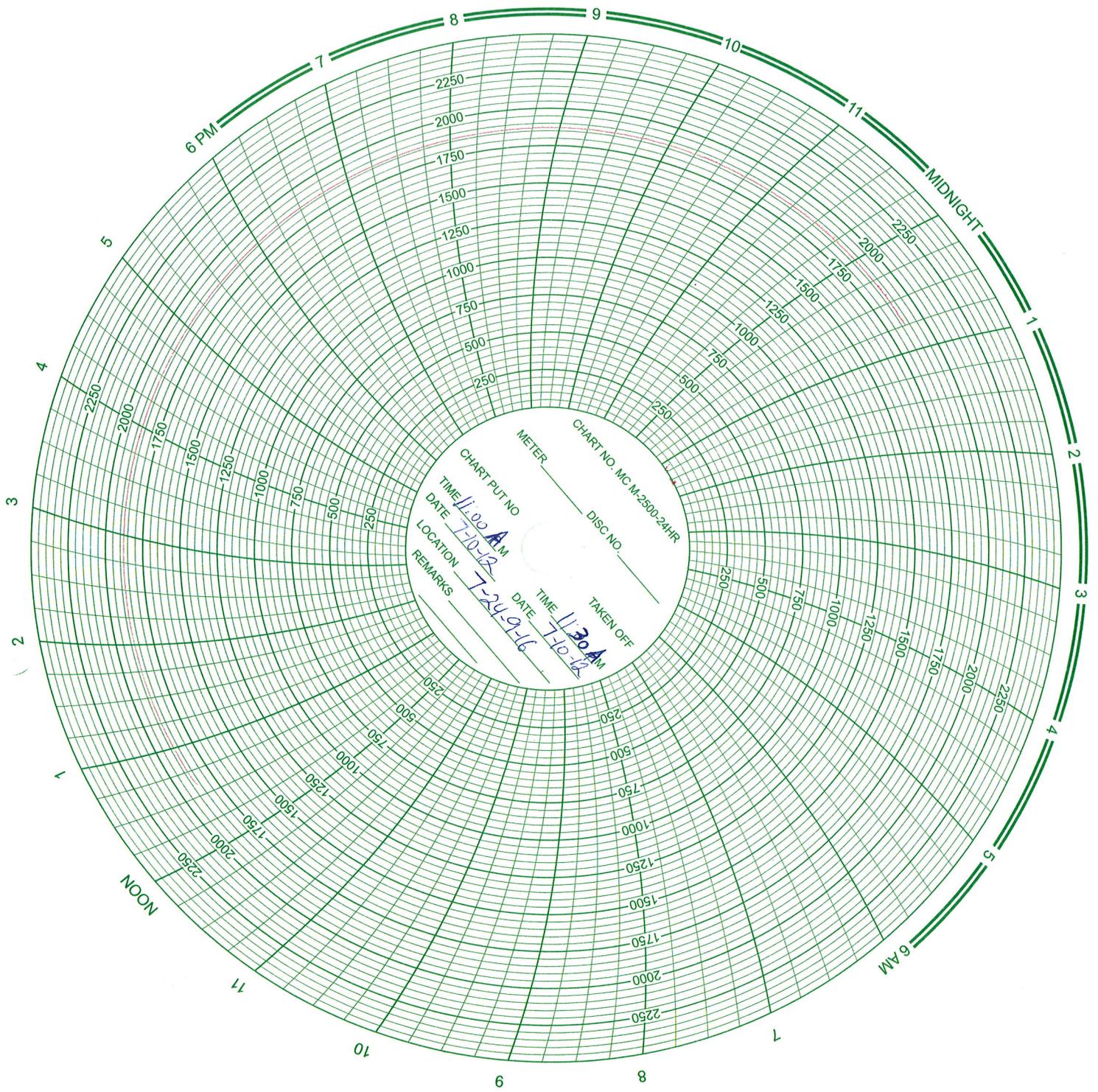
Well: <del>Federal 7-24-9-16</del>	Field: <u>Monument Butte</u>
Well Location: <u>sw/NE Sec. 24, T9S, R16E</u>	API No: <u>43-013-33085</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1875</u>	psig
5	<u>1875</u>	psig
10	<u>1875</u>	psig
15	<u>1875</u>	psig
20	<u>1875</u>	psig
25	<u>1875</u>	psig
30 min	<u>1875</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 500 psig

Result:  **Pass**  **Fail**

Signature of Witness: \_\_\_\_\_  
Signature of Person Conducting Test: Cody Marx



## Daily Activity Report

Format For Sundry

FEDERAL 7-24-9-16

5/1/2012 To 9/30/2012

7/2/2012 Day: 1

Conversion

NC #3 on 7/2/2012 - MIRUSU, TOH & LD w/ rods. - ND wellhead. Release TA, NU BOP, RU rig floor. TOH breaking collars, inspecting pins, & applying liquid o-ring w/ 124- jts 2 7/8. LD 27- jts 2 7/8, TA, 1- jt 2 7/8, SN, 2- jts 2 7/8, NC. PU TIH w/ XN- nipple, Arrowset Pkr, on/off tool, 2 7/8 SN, 124- jts 2 7/8. Pump 10 bbls water down tbg & drop std valve. Pressure test tbg to 3000 psi w/ 20 bbls water. Leave pressure on tbg. SDFD. - Road rig to location. MIRUSU. Pump 60 bbls water @ 250 down csg. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250. Softseat & pressure test tbg to 3000 psi w/ 10 bbls water. Good test. TOH & LD w/ 101- 3/4 guided. Flush tbg & rods w/ 20 bbls water @ 250. Cont. TOH & LD w/ 68- 3/4 slick, 16- 3/4 guided, 6- wt bars, pump. X-over to tbg eq. SDFD. - ND wellhead. Release TA, NU BOP, RU rig floor. TOH breaking collars, inspecting pins, & applying liquid o-ring w/ 124- jts 2 7/8. LD 27- jts 2 7/8, TA, 1- jt 2 7/8, SN, 2- jts 2 7/8, NC. PU TIH w/ XN- nipple, Arrowset Pkr, on/off tool, 2 7/8 SN, 124- jts 2 7/8. Pump 10 bbls water down tbg & drop std valve. Pressure test tbg to 3000 psi w/ 20 bbls water. Leave pressure on tbg. SDFD. - ND wellhead. Release TA, NU BOP, RU rig floor. TOH breaking collars, inspecting pins, & applying liquid o-ring w/ 124- jts 2 7/8. LD 27- jts 2 7/8, TA, 1- jt 2 7/8, SN, 2- jts 2 7/8, NC. PU TIH w/ XN- nipple, Arrowset Pkr, on/off tool, 2 7/8 SN, 124- jts 2 7/8. Pump 10 bbls water down tbg & drop std valve. Pressure test tbg to 3000 psi w/ 20 bbls water. Leave pressure on tbg. SDFD. - Road rig to location. MIRUSU. Pump 60 bbls water @ 250 down csg. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250. Softseat & pressure test tbg to 3000 psi w/ 10 bbls water. Good test. TOH & LD w/ 101- 3/4 guided. Flush tbg & rods w/ 20 bbls water @ 250. Cont. TOH & LD w/ 68- 3/4 slick, 16- 3/4 guided, 6- wt bars, pump. X-over to tbg eq. SDFD. - Road rig to location. MIRUSU. Pump 60 bbls water @ 250 down csg. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250. Softseat & pressure test tbg to 3000 psi w/ 10 bbls water. Good test. TOH & LD w/ 101- 3/4 guided. Flush tbg & rods w/ 20 bbls water @ 250. Cont. TOH & LD w/ 68- 3/4 slick, 16- 3/4 guided, 6- wt bars, pump. X-over to tbg eq. SDFD. - ND wellhead. Release TA, NU BOP, RU rig floor. TOH breaking collars, inspecting pins, & applying liquid o-ring w/ 124- jts 2 7/8. LD 27- jts 2 7/8, TA, 1- jt 2 7/8, SN, 2- jts 2 7/8, NC. PU TIH w/ XN- nipple, Arrowset Pkr, on/off tool, 2 7/8 SN, 124- jts 2 7/8. Pump 10 bbls water down tbg & drop std valve. Pressure test tbg to 3000 psi w/ 20 bbls water. Leave pressure on tbg. SDFD. - ND wellhead. Release TA, NU BOP, RU rig floor. TOH breaking collars, inspecting pins, & applying liquid o-ring w/ 124- jts 2 7/8. LD 27- jts 2 7/8, TA, 1- jt 2 7/8, SN, 2- jts 2 7/8, NC. PU TIH w/ XN- nipple, Arrowset Pkr, on/off tool, 2 7/8 SN, 124- jts 2 7/8. Pump 10 bbls water down tbg & drop std valve. Pressure test tbg to 3000 psi w/ 20 bbls water. Leave pressure on tbg. SDFD. - Road rig to location. MIRUSU. Pump 60 bbls water @ 250 down csg. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250. Softseat & pressure test tbg to 3000 psi w/ 10 bbls water. Good test. TOH & LD w/ 101- 3/4 guided. Flush tbg & rods w/ 20 bbls water @ 250. Cont. TOH & LD w/ 68- 3/4 slick, 16- 3/4 guided, 6- wt bars, pump. X-over to tbg eq. SDFD. - Road rig to location. MIRUSU. Pump 60 bbls water @ 250 down csg. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250. Softseat & pressure test tbg to 3000 psi w/ 10 bbls water. Good test. TOH & LD w/ 101- 3/4 guided. Flush tbg & rods w/ 20 bbls water @ 250. Cont. TOH & LD w/ 68- 3/4 slick, 16- 3/4 guided, 6- wt bars, pump. X-over to tbg eq. SDFD. - ND wellhead. Release TA, NU BOP, RU rig floor. TOH breaking collars, inspecting pins, & applying liquid o-ring w/ 124- jts 2 7/8. LD 27- jts 2 7/8,

TA, 1- jt 2 7/8, SN, 2- jts 2 7/8, NC. PU TIH w/ XN- nipple, Arrowset Pkr, on/off tool, 2 7/8 SN, 124- jts 2 7/8. Pump 10 bbls water down tbg & drop std valve. Pressure test tbg to 3000 psi w/ 20 bbls water. Leave pressure on tbg. SDFD. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$6,572

---

**7/3/2012 Day: 3**

**Conversion**

NC #3 on 7/3/2012 - Pressure test tbg & csg. - Repressure tbg to 3000 psi. Held solid for 1 hr. RD rig floor. ND BOP. NU wellhead. Pump 50 bbls fresh water w/ pkr fluid down csg. ND wellhead. Set Pkr w/ 15000 tension. NU wellhead. Fill csg w/ 10 bbls fresh water. Pressure test csg & pkr to 1500 psi for 1 hr. Good test. RDMOSU. READY FOR MIT!! - Repressure tbg to 3000 psi. Held solid for 1 hr. RD rig floor. ND BOP. NU wellhead. Pump 50 bbls fresh water w/ pkr fluid down csg. ND wellhead. Set Pkr w/ 15000 tension. NU wellhead. Fill csg w/ 10 bbls fresh water. Pressure test csg & pkr to 1500 psi for 1 hr. Good test. RDMOSU. READY FOR MIT!! - Repressure tbg to 3000 psi. Held solid for 1 hr. RD rig floor. ND BOP. NU wellhead. Pump 50 bbls fresh water w/ pkr fluid down csg. ND wellhead. Set Pkr w/ 15000 tension. NU wellhead. Fill csg w/ 10 bbls fresh water. Pressure test csg & pkr to 1500 psi for 1 hr. Good test. RDMOSU. READY FOR MIT!! **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$114,850

---

**7/11/2012 Day: 4**

**Conversion**

Rigless on 7/11/2012 - Conduct initial MIT - On 007/06/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/10/2012 the casing was pressured up to 1875 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 500 psig during the test. There was not a State representative available to witness the test. - On 007/06/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/10/2012 the casing was pressured up to 1875 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 500 psig during the test. There was not a State representative available to witness the test. - On 007/06/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/10/2012 the casing was pressured up to 1875 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 500 psig during the test. There was not a State representative available to witness the test. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$146,120

---

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

<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-15855
<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 7-24-9-16
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013330850000
<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> 1790 FNL 2019 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 24 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: 8/2/2012	<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 11:50 AM on  
08/02/2012

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 August 07, 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> 8/2/2012	



March 23, 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 #7-24-9-16  
Monument Butte Field, Lease #UTU-15855  
Section 24-Township 9S-Range 16E  
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #7-24-9-16 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, sweeping underline.

Eric Sundberg  
Regulatory Lead

**RECEIVED**  
**MAR 28 2012**  
DIV. OF OIL, GAS & MINING

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**FEDERAL #7-24-9-16**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #UTU-15855**  
**MARCH 23, 2012**

## TABLE OF CONTENTS

LETTER OF INTENT	
COVER PAGE	
TABLE OF CONTENTS	
UIC FORM 1 – APPLICATION FOR INJECTION WELL	
WELLBORE DIAGRAM OF PROPOSED INJECTION	
WORK PROCEDURE FOR INJECTION CONVERSION	
COMPLETED RULE R615-5-1 QUESTIONNAIRE	
COMPLETED RULE R615-5-2 QUESTIONNAIRE	
ATTACHMENT A	ONE-HALF MILE RADIUS MAP
ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – FEDERAL #7-24-9-16
ATTACHMENT E-1	WELLBORE DIAGRAM – FEDERAL #15-13-9-16
ATTACHMENT E-2	WELLBORE DIAGRAM – FEDERAL #5-19-9- <del>16</del> 17
ATTACHMENT E-3	WELLBORE DIAGRAM – FEDERAL #1-24-9-16
ATTACHMENT E-4	WELLBORE DIAGRAM – FEDERAL #2-24-9-16
ATTACHMENT E-5	WELLBORE DIAGRAM – FEDERAL #3-24-9-16
ATTACHMENT E-6	WELLBORE DIAGRAM – FEDERAL #6-24-9-16
ATTACHMENT E-7	WELLBORE DIAGRAM – FEDERAL #8-24-9-16
ATTACHMENT E-8	WELLBORE DIAGRAM – FEDERAL #9-24-9-16
ATTACHMENT E-9	WELLBORE DIAGRAM – FEDERAL #10-24-9-16
ATTACHMENT E-10	WELLBORE DIAGRAM – FEDERAL #11-24-9-16
ATTACHMENT E-11	WELLBORE DIAGRAM – CASTLE PEAK FEDERAL #12-24-9-16
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED – 11/21/07 – 11/30/07
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL



# FEDERAL 7-24-9-16

Spud Date: 10/08/07  
 Put on Production: 11/29/07  
 GL: 5582' KB: 5594'

Initial Production: BOPD,  
 MCFD, BWPD

## Proposed Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (312.36')  
 DEPTH LANDED: 320.63' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 1- 160, sxs Class "G" cmt, 7 bbls cmt to surf.

### PRODUCTION CASING

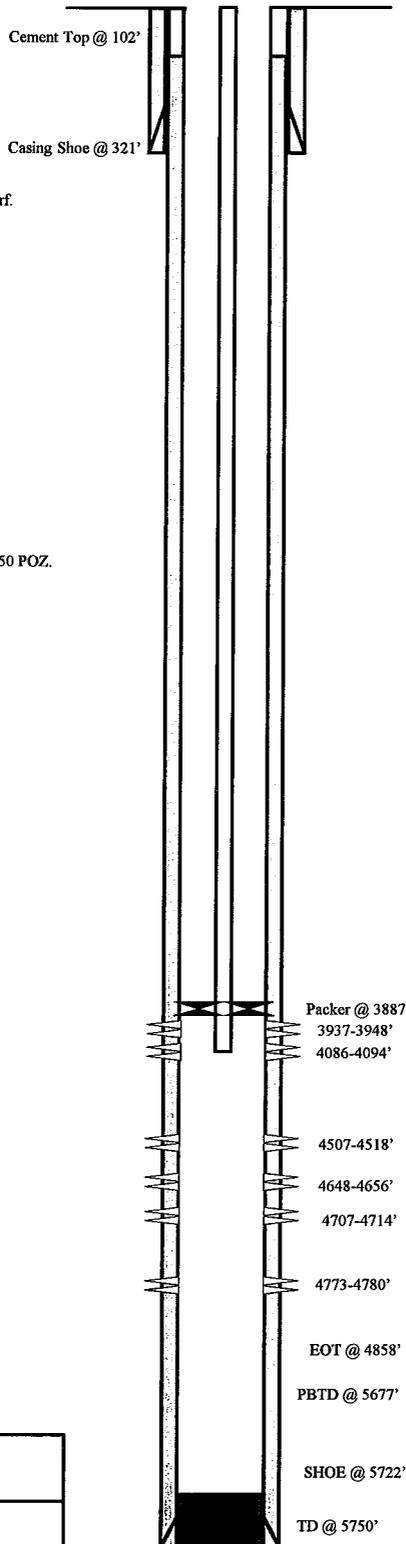
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 133 jts. (5708.82')  
 DEPTH LANDED: 5722.07' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP: 102'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 151 jts (4747')  
 TUBING ANCHOR: 4759' KB  
 NO. OF JOINTS: 1 jts (31.4')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4793.2' KB  
 NO. OF JOINTS: 2 jts (62.8')  
 TOTAL STRING LENGTH: EOT @ 4858' KB

### FRAC JOB

11/28/07	4773-4780'	<b>Frac A.5 sands as follows:</b> 17251# 20/40 sand in 275 bbls Lightning 17 frac fluid. Treated @ avg press of 2409 psi w/avg rate of 23 BPM. ISIP 2414 psi. Calc flush: 4771 gal. Actual flush: 4326 gal.
11/28/07	4707-4714'	<b>Frac B2 sands as follows:</b> 14724# 20/40 sand in 259 bbl Lightning 17 frac fluid. Treated @ avg press of 2302 psi w/avg rate of 23 BPM. ISIP 2046 psi. Calc flush: 4705 gal. Actual flush: 4242 gal.
11/28/07	4648-4656'	<b>Frac B1 sands as follows:</b> 34965# 20/40 sand in 404 bbls Lightning 17 frac fluid. Treated @ avg press of 2184 psi w/avg rate of 23 BPM. ISIP 2285 psi. Calc flush: 4646 gal. Actual flush: 4200 gal.
11/28/07	4507-4518'	<b>Frac D3 sands as follows:</b> 19882# 20/40 sand in 289 bbls Lightning 17 frac fluid. Treated @ avg press of 2096 psi w/avg rate of 23 BPM. ISIP 1854 psi. Calc flush: 4505 gal. Actual flush: 3990 gal.
11/28/07	4086-4094'	<b>Frac PB8 sands as follows:</b> 39746# 20/40 sand in 382 bbls Lightning 17 frac fluid. Treated @ avg press of 2344 psi w/avg rate of 23 BPM. ISIP 2153 psi. Calc flush: 4084 gal. Actual flush: 3612 gal.
11/28/07	3937-3948'	<b>Frac GB6 sands as follows:</b> 9438# 20/40 sand in 219 bbls Lightning 17 frac fluid. Treated @ avg press of 2045 psi w/avg rate of 23 BPM. ISIP 1931 psi. Calc flush: 3935 gal. Actual flush: 3864 gal.
7/17/08		pump change. Updated rod and tubing detail
9/16/09		Pump Change. Updated rod & tubing details.
1/14/10		Tubing Leak. Updated rod and tubing detail.



### PERFORATION RECORD

4773-4780'	4 JSPF	28 holes
4707-4714'	4 JSPF	28 holes
4648-4656'	4 JSPF	32 holes
4507-4518'	4 JSPF	44 holes
4086-4094'	4 JSPF	32 holes
3937-3948'	4 JSPF	44 holes

<b>NEWFIELD</b>

<b>FEDERAL 7-24-9-16</b>
1790' FNL & 2019' FEL
SW/NE Section 24-T9S-R16E
Duchesne Co, Utah
API #43-013-33085; Lease # UTU-15855

## **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 #7-24-9-16 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 #7-24-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3720' - 5677'). 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 3403' and the TD is at 5750'.

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

The referenced log for the Federal #7-24-9-16 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-15855) 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 321' KB, and 5-1/2", 15.5# casing run from surface to 5722' 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 1825 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 #7-24-9-16, for existing perforations (3948' - 4780') calculates at 0.84 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 1825 psig. We may add additional perforations between 3403' and 5750'. 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 #7-24-9-16, the proposed injection zone (3720' - 5677') 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-11.

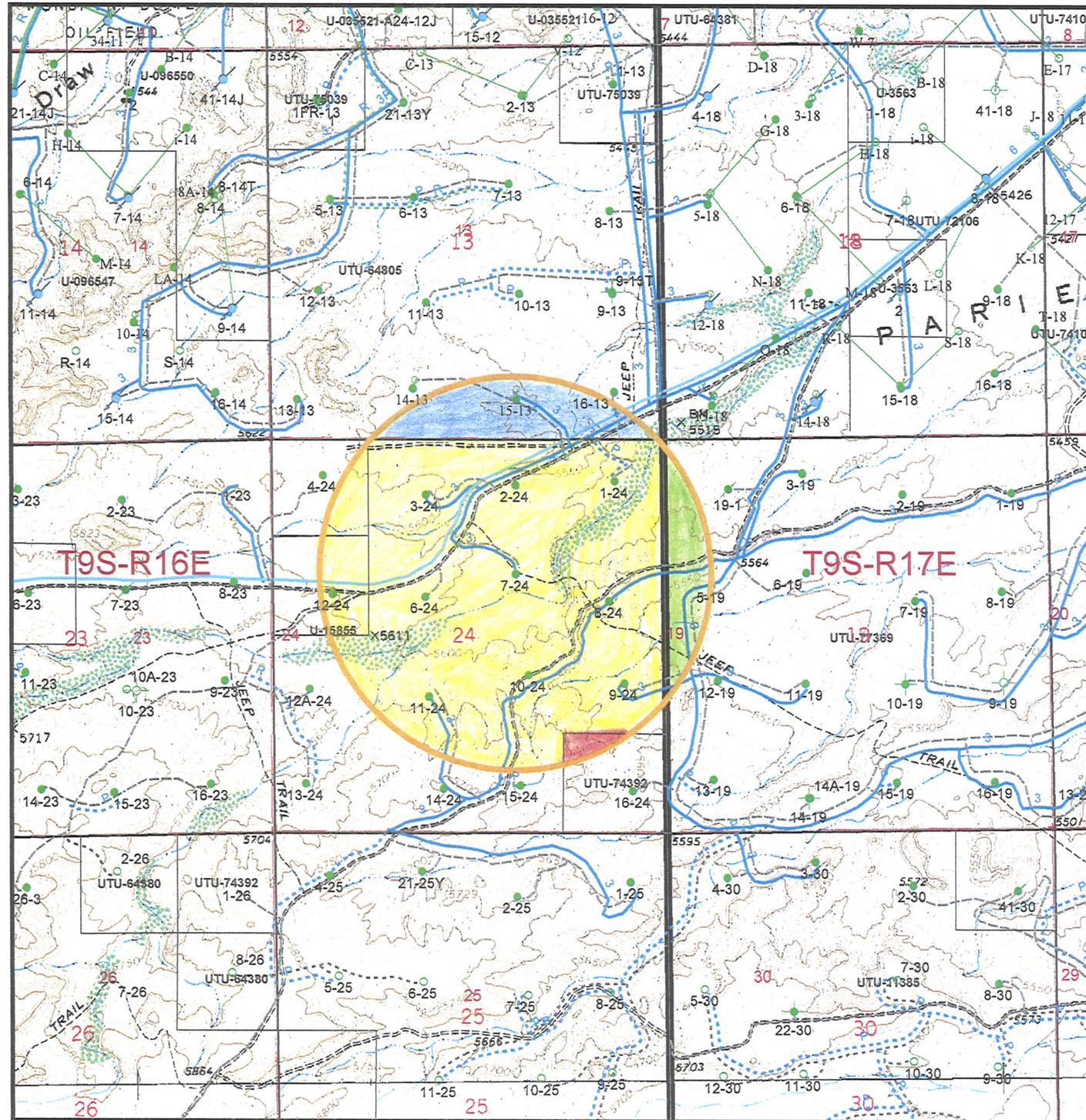
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure 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-15855

UTU-64805

UTU-77369

UTU-74392

Federal 7-24  
Section 24, T9S-R16E

**NEWFIELD**

ROCKY MOUNTAINS 1" = 2000'

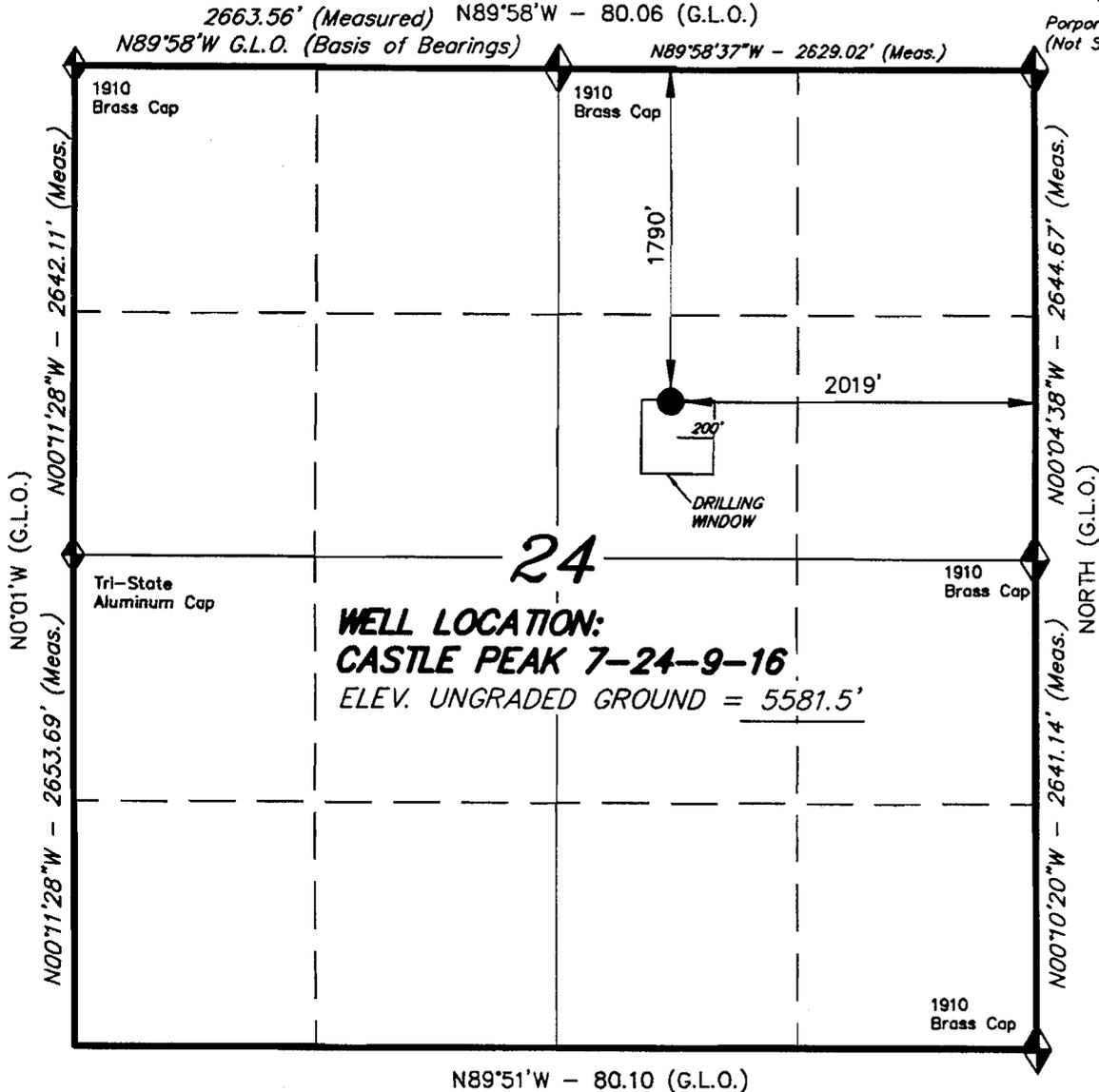
**1/2 Mile Radius Map**  
Duchesne & Uintah Counties

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

January 25, 2012

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

# NEWFIELD PRODUCTION COMPANY

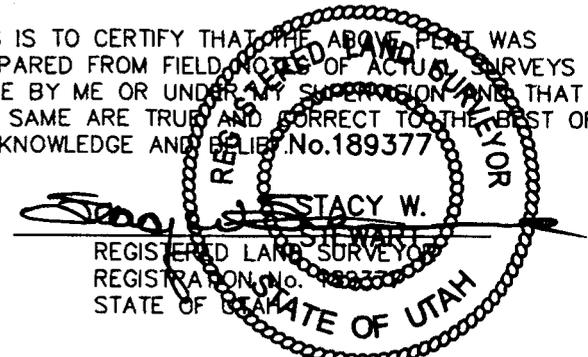


WELL LOCATION, CASTLE PEAK  
 7-24-9-16, LOCATED AS SHOWN IN  
 THE SW 1/4 NE 1/4 OF SECTION 24,  
 T9S, R16E, S.L.B.&M. DUCHESNE COUNTY,  
 UTAH.

## ATTACHMENT A1



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



◆ = SECTION CORNERS LOCATED

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

**CASTLE PEAK 7-24-9-16**  
 (Surface Location) NAD 83  
 LATITUDE = 40° 01' 07.36"  
 LONGITUDE = 110° 03' 55.97"

### TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 2-15-06	SURVEYED BY: C.M.
DATE DRAWN: 2-16-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

**EXHIBIT B**

<b>#</b>	<b>Legal Description</b>	<b>Lessor &amp; Expiration</b>	<b>Lessee &amp; Operating Rights</b>	<b>Surface Owner</b>
1	T9S-R16E SLM Section 23: E2, NW, E2SW, NWSW Section 24: N2, SW, N2SE, SWSE	USA UTU-15855 HBP	Newfield Production Company Newfield RMI LLC Bee Hive Oil LLC Journey Properties LLC King Oil & Gas of Texas LTD Six Gold Oil LLC Stone Energy Corp	USA
2	T9S-R16E SLM Section 13: NWNE, NENW, S2N2, S2	USA UTU-64805 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Corp Yates Petroleum Corp	USA
3	T9S-R17E SLM Section 19: All Section 20: S2NE, W2, SE	USA UTU-77369 HBP	Newfield Production Company Newfield RMI LLC	USA
4	T9S-R16E SLM Section 21: S2 Section 22: NENE, S2 Section 23: SWSW Section 24: SESE Section 26: NENE Section 27: All Section 28: All	USA UTU 74392 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Corp Yates Petroleum Corp	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Federal #7-24-9-16

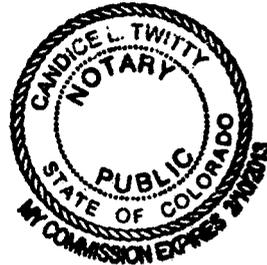
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: *Eric Sundberg*  
Newfield Production Company  
Eric Sundberg  
Regulatory Lead

Sworn to and subscribed before me this 23<sup>rd</sup> day of March, 2012.

Notary Public in and for the State of Colorado: *Candice L. Twitty*

My Commission Expires: 02/10/2013



## FEDERAL 7-24-9-16

Spud Date: 10/08/07  
Put on Production: 11/29/07

GL: 5582' KB: 5594'

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (312.36')  
DEPTH LANDED: 320.63' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 1- 160, sxs Class "G" cmt, 7 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 133 jts. (5708.82')  
DEPTH LANDED: 5722.07' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
CEMENT TOP: 102'

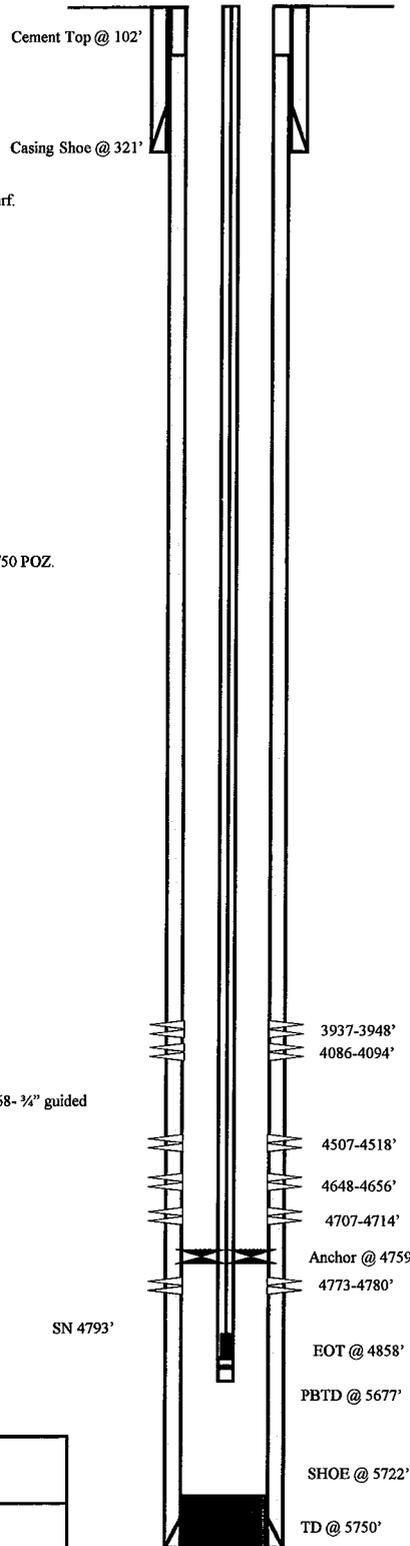
### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 151 jts (4747')  
TUBING ANCHOR: 4759' KB  
NO. OF JOINTS: 1 jts (31.4')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4793.2' KB  
NO. OF JOINTS: 2 jts (62.8')  
TOTAL STRING LENGTH: EOT @ 4858' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 26' polished rods  
SUCKER RODS: 1-8", x 3/4" pony rods, 101-3/4" guided rods, 68-3/4" guided rods, 16-3/4" guided rods, 6-1 1/2" weight rods.  
PUMP SIZE: CDI 2-1/2" x 1-1/2", 14' x 18' RHAC  
STROKE LENGTH: 122"  
PUMP SPEED, SPM: 5

### Wellbore Diagram



### FRAC JOB

11/28/07	4773-4780'	<b>Frac A.5 sands as follows:</b> 17251# 20/40 sand in 275 bbls Lightning 17 frac fluid. Treated @ avg press of 2409 psi w/avg rate of 23 BPM. ISIP 2414 psi. Calc flush: 4771 gal. Actual flush: 4326 gal.
11/28/07	4707-4714'	<b>Frac B2 sands as follows:</b> 14724# 20/40 sand in 259 bbl Lightning 17 frac fluid. Treated @ avg press of 2302 psi w/avg rate of 23 BPM. ISIP 2046 psi. Calc flush: 4705 gal. Actual flush: 4242 gal.
11/28/07	4648-4656'	<b>Frac B1 sands as follows:</b> 34965# 20/40 sand in 404 bbls Lightning 17 frac fluid. Treated @ avg press of 2184 psi w/avg rate of 23 BPM. ISIP 2285 psi. Calc flush: 4646 gal. Actual flush: 4200 gal.
11/28/07	4507-4518'	<b>Frac D3 sands as follows:</b> 19882# 20/40 sand in 289 bbls Lightning 17 frac fluid. Treated @ avg press of 2096 psi w/avg rate of 23 BPM. ISIP 1854 psi. Calc flush: 4505 gal. Actual flush: 3990 gal.
11/28/07	4086-4094'	<b>Frac PB8 sands as follows:</b> 39746# 20/40 sand in 382 bbls Lightning 17 frac fluid. Treated @ avg press of 2344 psi w/avg rate of 23 BPM. ISIP 2153 psi. Calc flush: 4084 gal. Actual flush: 3612 gal
11/28/07	3937-3948'	<b>Frac GB6 sands as follows:</b> 9438# 20/40 sand in 219 bbls Lightning 17 frac fluid. Treated @ avg press of 2045 psi w/avg rate of 23 BPM. ISIP 1931 psi. Calc flush: 3935 gal. Actual flush: 3864 gal
7/17/08		pump change. Updated rod and tubing detail
9/16/09		Pump Change. Updated rod & tubing details.
1/14/10		Tubing Leak. Updated rod and tubing detail.

### PERFORATION RECORD

4773-4780'	4 JSPF	28 holes
4707-4714'	4 JSPF	28 holes
4648-4656'	4 JSPF	32 holes
4507-4518'	4 JSPF	44 holes
4086-4094'	4 JSPF	32 holes
3937-3948'	4 JSPF	44 holes



**FEDERAL 7-24-9-16**  
1790'FNL & 2019' FEL  
SW/NE Section 24-T9S-R16E  
Duchesne Co, Utah  
API #43-013-33085; Lease # UTU-15855

Spud Date: 10-18-05  
 Put on Production: 12-05-05  
 GL: 5553' KB: 5565'

## Federal 15-13-9-16

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (308.61')  
 DEPTH LANDED: 320.46' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

### PRODUCTION CASING

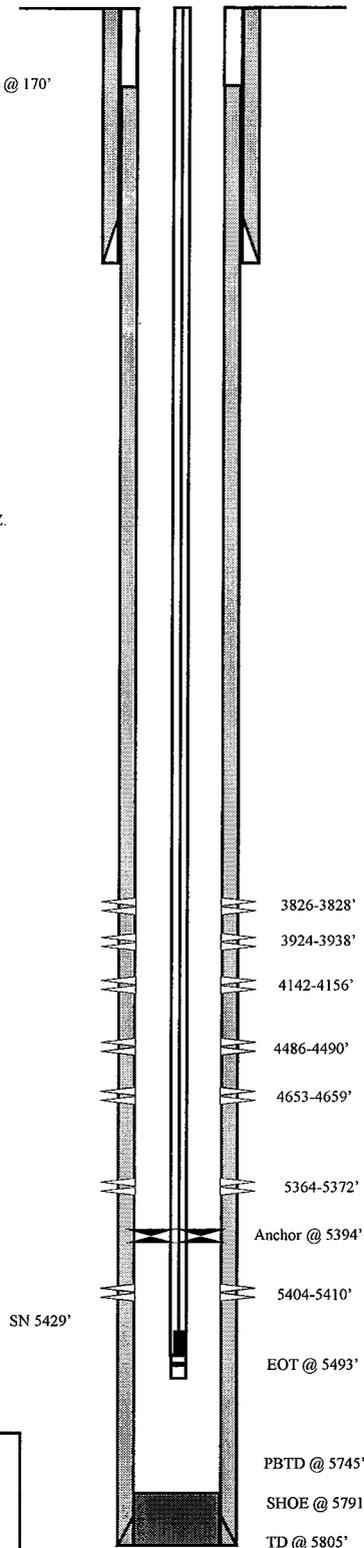
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 131 jts (5777.86')  
 DEPTH LANDED: 5791.11' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 350 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.  
 CEMENT TOP AT: 170'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 172 jts (5384.3')  
 TUBING ANCHOR: 5394.3' KB  
 NO. OF JOINTS: 1 jts (31.4')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5428.5' KB  
 NO. OF JOINTS: 2 jts (62.7')  
 TOTAL STRING LENGTH: EOT @ 5493' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 1-2' x 3/4" pony rods, 99- 3/4" guided rods,  
 85- 3/4" sucker rods, 25 - 3/4" guided rods, 6-1 1/2" weight rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5 SPM



### FRAC JOB

11-30-05	5364-5410'	<b>Frac CP2, &amp; CP1 sands as follows:</b> 44747# 20/40 sand in 479 bbls Lightning 17 frac fluid. Treated @ avg press of 2020 psi w/avg rate of 24.7 BPM. ISIP 2400 psi. Calc flush: 5362 gal. Actual flush: 5376 gal.
12-01-05	4653-4659'	<b>Frac C sands as follows:</b> 19588# 20/40 sand in 267 bbls Lightning 17 frac fluid. Treated @ avg press of 2290 psi w/avg rate of 24.7 BPM. ISIP 2850 psi. Calc flush: 4651 gal. Actual flush: 4702 gal.
12-01-05	4486-4490'	<b>Frac D1 sands as follows:</b> 19605# 20/40 sand in 262 bbls Lightning 17 frac fluid. Treated @ avg press of 1827 psi w/avg rate of 24.7 BPM. ISIP 1850 psi. Calc flush: 4946 gal. Actual flush: 4494 gal.
12-01-05	4142-4156'	<b>Frac PB8 sands as follows:</b> 58778# 20/40 sand in 546 bbls Lightning 17 frac fluid. Treated @ avg press of 2383 psi w/avg rate of 14.2 BPM. ISIP 3200 psi. Calc flush: 3140 gal. Actual flush: 4200 gal.
12-01-05	3924-3938'	<b>Frac GB4 sands as follows:</b> 30034# 20/40 sand in 312 bbls Lightning 17 frac fluid. Treated @ avg press of 1314 psi w/avg rate of 14.2 BPM. ISIP 1500 psi. Calc flush: 3922 gal. Actual flush: 3864 gal.
06-16-06		<b>Pump change:</b> Update rod and tubing details.
12-15-06		<b>Pump Change:</b> Updated rod and tubing detail.
11/18/08		<b>Pump Change.</b> Updated rod & tubing details.
2/21/2010		<b>Tubing Leak.</b> Updated rod and tubing detail.
12/13/10	3826-3836'	<b>Frac GB2 sands as follows:</b> 28786# 20/40 sand in 173 bbls Lightning 17 fluid.
12/14/10		<b>Re-Completion finalized</b> – updated tbg and rod detail.

### PERFORATION RECORD

11-18-05	5404-5410'	4 JSPF	24 holes
11-18-05	5364-5372'	4 JSPF	32 holes
11-30-05	4653-4659'	4 JSPF	24 holes
12-01-05	4486-4490'	4 JSPF	16 holes
12-01-05	4142-4156'	4 JSPF	56 holes
12-01-05	3924-3938'	4 JSPF	56 holes
12-13-10	3826-3828'	3 JSPF	30 holes



**Federal 15-13-9-16**  
 695' FSL & 1972' FEL  
 SW/SE Section 13-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32648; Lease #UTU-64805

# FEDERAL 5-19-9-17

Spud Date: 09/04/07  
 Put on Production: 10/23/07  
 GL: 5537' KB: 5549'

Initial Production: BOPD,  
 MCFD, BWPD

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (312.37')  
 DEPTH LANDED: 324.22' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 1- 160, 2-300 sxs Class "G" cmt, est 3 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 147 jts. (5666.19')  
 DEPTH LANDED: (5679.44') KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 378 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP: 110'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 150 jts (4644.83')  
 TUBING ANCHOR: 4656.83' KB  
 NO. OF JOINTS: 1 jts (31.45')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4691.08' KB  
 NO. OF JOINTS: 2 jts (61.51')  
 TOTAL STRING LENGTH: EOT @ 4754.14' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods  
 SUCKER RODS: 2-2", 1-4", 1-6" & 1-6", 8" x 3/4" pony rods, 99-3/4" scraped rods, 61-3/4" plain rods, 20-3/4" scraped rods, 6-1 1/2" weight rods.  
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12x 15' RHAC  
 STROKE LENGTH: 86"  
 PUMP SPEED, 5 SPM:

### FRAC JOB

10/18/07	4678-4696'	<b>Frac B2 sands as follows:</b> 110497# 20/40 sand in 834 bbls Lightning 17 frac fluid. Treated @ avg press of 1733 psi w/avg rate of 23.1 BPM. ISIP 1999 psi. Calc flush: 4676 gal. Actual flush: 4082 gal.
10/18/07	4386-4398'	<b>Frac D1 sands as follows:</b> 35067# 20/40 sand in 369 bbl Lightning 17 frac fluid. Treated @ avg press of 1649 psi w/avg rate of 23.0 BPM. ISIP 1760 psi. Calc flush: 4384 gal. Actual flush: 3797 gal.
10/18/07	4066-4075'	<b>Frac PB8 sands as follows:</b> 45256# 20/40 sand in 428 bbls Lightning 17 frac fluid. Treated @ avg press of 2097 psi w/avg rate of 23.0 BPM. ISIP 2009 psi. Calc flush: 4064 gal. Actual flush: 3562 gal.
10/18/07	3924-3931'	<b>Frac GB6 sands as follows:</b> 45222# 20/40 sand in 425 bbls Lightning 17 frac fluid. Treated @ avg press of 1785 psi w/avg rate of 23.0 BPM. ISIP 1849 psi. Calc flush: 4826 gal. Actual flush: 3415 gal.
10/18/07	3838-3845'	<b>Frac GB4 sands as follows:</b> 11221# 20/40 sand in 242 bbls Lightning 17 frac fluid. Treated @ avg press of 1907 psi w/avg rate of 23.0 BPM. ISIP 1623 psi. Calc flush: 3836 gal. Actual flush: 3751 gal.
6/9/08		Stuck pump. Rod details updated.

Cement Top @ 110'

SN 4691'

3838-3845'  
 3924-3931'  
 4066-4075'  
 4386-4398'  
 Anchor @ 4657'  
 4678-4696'  
 EOT @ 4754'  
 PBTD @ 5641'  
 SHOE @ 5679'  
 TD @ 5700'

### PERFORATION RECORD

10/23/07	4678-4696'	4 JSPF	72 holes
10/23/07	4386-4398'	4 JSPF	48 holes
10/23/07	4066-4075'	4 JSPF	36 holes
10/23/07	3924-3931'	4 JSPF	28 holes
10/23/07	3838-3845'	4 JSPF	28 holes

**NEWFIELD**

**FEDERAL 5-19-9-17**

1950'FNL & 614' FWL  
 SW/NW Section 19-T9S-R17E  
 Duchesne Co, Utah  
 API #43-013-33191; Lease # UTU-77369

## Federal 1-24-9-16

Spud Date: 10-10-07  
 Put on Production: 11-5-07  
 GL: 5535' KB: 5547'

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (311.69')  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

### PRODUCTION CASING

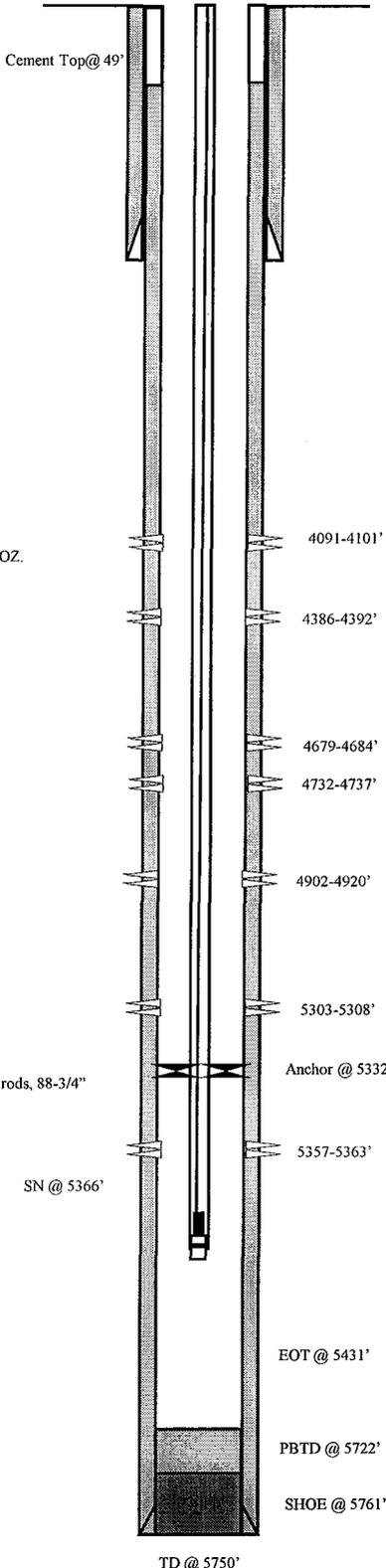
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 148jts. (55748.15')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 5761.4'  
 CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 49'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 169 jts (5319.90')  
 TUBING ANCHOR: 5331.90'  
 NO. OF JOINTS: 1 jts (31.54')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5366.24' KB  
 NO. OF JOINTS: 2 jts (62.96')  
 TOTAL STRING LENGTH: EOT @ 5430.75' w/12' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 26'  
 SUCKER RODS: 1-8", 1-6", 1-2' x 3/4" ponies, 99-3/4" scraped rods, 88-3/4"  
 plain rods, 20- 3/4" scraped rods, 6-1 1/2" weight rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 14.5'  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5



### FRAC JOB

10-31-07	5303-5363'	<b>Frac CP 1&amp;2 sands as follows:</b> Frac with 14554# 20/40 sand in 285 bbls Lightning 17 fluid. Treat at 2420 psi @ 24.8 BPM. ISIP 2020 psi.
10-31-07	4902-4920'	<b>Frac A3 sands as follows:</b> Frac with 89906# 20/40 sand in 691 bbls Lightning 17 fluid. Treat at 2070psi @ 24.8 BPM. ISIP 1785psi.
10-31-07	4386-4392'	<b>Frac DS3 sands as follows:</b> Frac with 25051# 20/40 sand in 339 bbls Lightning 17 fluid. Treat at 21300psi @ 24.8 BPM. ISIP 1920 psi.
10-31-07	4091-4101'	<b>Frac PB8 sand as follows:</b> Frac with 62099# 20/40 sand in 499 bbls Lightning 17 fluid. Treat at 2028 psi @ 24.8 BPM. ISIP 2110 psi.

### PERFORATION RECORD

4091-4101'	4 JSPF	40 holes
4386-4392'	4 JSPF	24 holes
4679-4684'	4 JSPF	20 holes
4732-4737'	4 JSPF	20 holes
4902-4920'	4 JSPF	72 holes
5303-5308'	4 JSPF	20 holes
5357-5363'	4 JSPF	24 holes

**NEWFIELD**

Federal 1-24-9-16  
 537' FNL & 671' FEL  
 NENE Section 24-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-33082; Lease #UTU-15855

FEDERAL 2-24-9-16

Spud Date: 10/11/07  
 Put on Production: 10/16/07  
 GL: 5559' KB: 5571'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (310.63')  
 DEPTH LANDED: 322.48' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 1- 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: 148 jts. (5720.99')  
 DEPTH LANDED: 5734.24' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP: 40'

TUBING

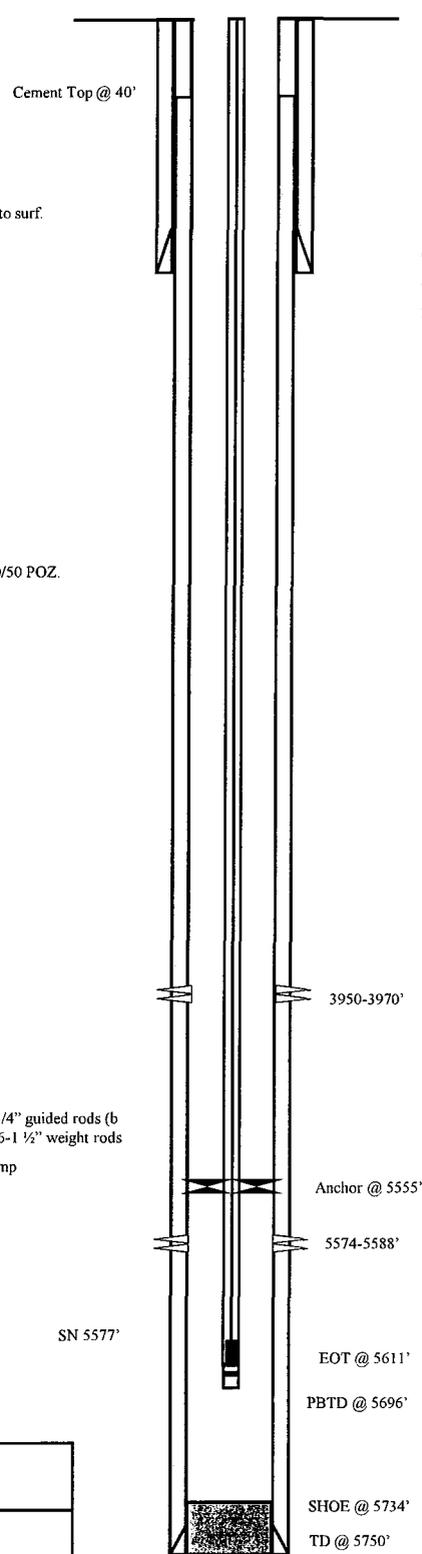
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 173 jts (5543.7')  
 TUBING ANCHOR: 5555.65' KB  
 NO. OF JOINTS: 1 jts (30.9')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5577.4' KB  
 NO. OF JOINTS: 1 jts (31.6')  
 2 7/8" NC (.45')  
 TOTAL STRING LENGTH: EOT @ 5611' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods  
 SUCKER RODS: 1-8", 2-12", 1-2", 2-6' x 3/4" pony rods, 100-3/4" guided rods (b grd), 76-3/4" plain rods (b grd), 20-3/4" guided rods (a grd), 6-1 1/2" weight rods  
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12' x 16" RHAC rod pump  
 STROKE LENGTH: 76"  
 PUMP SPEED, 4.5 SPM:

FRAC JOB

11/09/07 5574-5588' **Frac CP5 sands as follows:**  
 75968# 20/40 sand in 619 bbls Lightning 17 frac fluid. Treated @ avg press of 1986 psi w/avg rate of 23.2 BPM. ISIP 2173 psi. Calc flush: 5572 gal. Actual flush: 4998 gal.  
 11/09/07 3950-3970' **Frac GB6 sands as follows:**  
 151571# 20/40 sand in 1011 bbl Lightning 17 frac fluid. Treated @ avg press of 1593 psi w/avg rate of 23.1 BPM. ISIP 1775 psi. Calc flush: 3948 gal. Actual flush: 3864 gal.  
 05/29/08 Pump change. Updated rod and tubing detail  
 6/11/08 pump change. Updated rod and tubing detail  
 2/4/2011 Pump Change. Update rod and tubing details.



PERFORATION RECORD

11/09/07	5574-5588'	4 JSPF	56 holes
11/09/07	3950-3970'	4 JSPF	80 holes

**NEWFIELD**

---

**FEDERAL 2-24-9-16**

595' FNL & 2010' FEL

NW/NE Section 24-T9S-R16E

Duchesne Co, Utah

API #43-013-33083; Lease # UTU-15855

## Federal 3-24-9-16

Spud Date: 10-13-07  
 Put on Production: 11-21-07  
 GL: 5605' KB: 5617'

Initial Production: 56.4 BOPD,  
 25.0 MCFD, 34.3 BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (311')  
 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: 148 jts. (5741')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 5754.72'  
 CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 105'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 160 jts (4972.80')  
 TUBING ANCHOR: 4972.8'  
 NO. OF JOINTS: 2 jts (65.6')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5041.2' KB  
 NO. OF JOINTS: 2 jts (63.6')  
 TOTAL STRING LENGTH: EOT @ 5106'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 26'  
 SUCKER RODS: 1-8" x 3/4" pony rod, 1-6' x 3/4" pony rod, 113-3/4" = 2825'  
 guided rods, 42-3/4" = 1050' guided rods, 40-3/4" = 1000' guided rods, 6-1 1/4"  
 = 150' weight bars, 6 x 1" = 12' stabilizer bar  
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' X 20' RHAC  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5

### FRAC JOB

11-7-07 5027-5035' **Frac LODC sands as follows:**  
 15,380# 20/40 sand in 274 bbls Lightning  
 17 fluid. Treat at 3260 psi @ 22.5 BPM.  
 ISIP 2956 psi. Calc flush: 5025 gal.  
 Actual flush: 4519 gal.

11-16-07 4920-4938' **Frac A1 sands as follows:**  
 90,793# 20/40 sand in 690 bbls Lightning  
 17 fluid. Treat at 2002 psi @ 24.75  
 BPM. ISIP 2240 psi. Calc flush: 4918  
 gal. Actual flush: 4414 gal.

11-16-07 4634-4646' **Frac C sands as follows:**  
 Frac with 49,940# 20/40 sand in 449  
 bbls Lightning 17 fluid. Treat at 1978 psi  
 @ 24.8 BPM. ISIP 1897 psi. Calc  
 flush: 4632 gal. Actual flush: 4129 gal.

11-16-07 4544-5441' **Frac D2 sand as follows:**  
 Frac with 14,138# 20/40 sand in 261  
 bbls Lightning 17 fluid. Treat at 2280psi  
 @ 24.9 BPM. ISIP 1934 psi. Calc  
 flush: 4542 gal. Actual flush: 3952 gal.

11-16-07 3995-4006' **Frac GB-6 sands as follows:**  
 Frac with 38,509# 20/40 sand in 377  
 bbls Lightning 17 fluid. Treat at 1729 psi  
 @ 24.8 BPM. ISIP 1934 psi. Calc  
 flush: 3993 gal. Actual flush: 4032 gal.

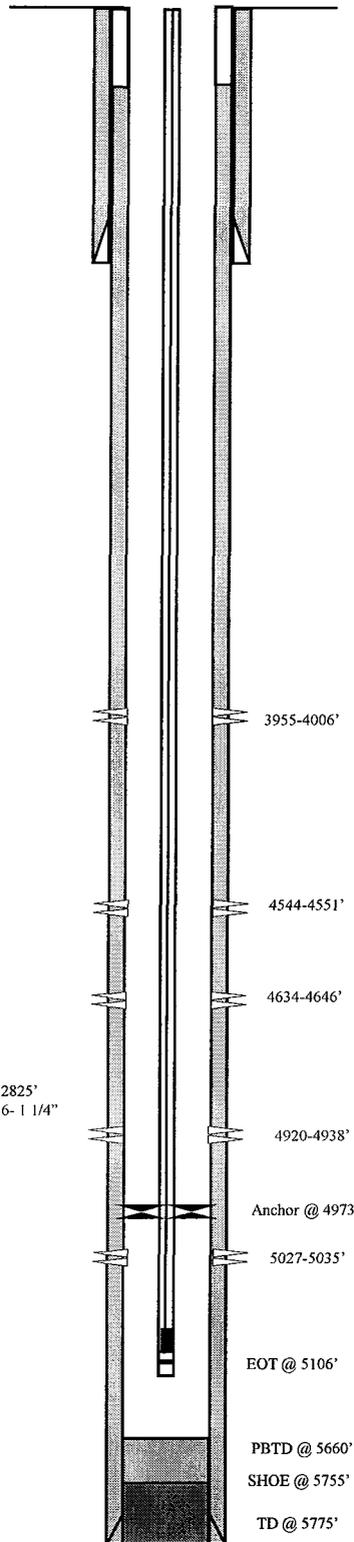
7/6/09 Major Workover. Updated rod & tubing  
 detail.

5/4/2010 Tubing leak. Updated rod and tubing  
 detail.

6/9/2011 Tubing leak. Updated rod & tubing  
 detail.

### PERFORATION RECORD

3995-4006'	4 JSPF	44 holes
4544-4551'	4 JSPF	28 holes
4634-4646'	4 JSPF	48 holes
4920-4938'	4 JSPF	72 holes
5027-5035'	4 JSPF	32 holes



**NEWFIELD**

**Federal 3-24-9-16**  
 722' FNL & 2063' FWL  
 NENW Section 24-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-33084; Lease #UTU-15855

# FEDERAL 6-24-9-16

Spud Date: 11/02/07  
 Put on Production: 12/12/07  
 GL: 5611' KB: 5623'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (312.81')  
 DEPTH LANDED: 324.66' 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: 149 jts. (5761.33')  
 DEPTH LANDED: 5750' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP: 68'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 172 jts (5400')  
 TUBING ANCHOR: 5399.5' KB  
 NO. OF JOINTS: 1 jts (32.6')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5434.9' KB  
 NO. OF JOINTS: 2 jts (62.9')  
 TOTAL STRING LENGTH: EOT @ 5499' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM polished rods  
 SUCKER RODS: 1-4' x 3/4" pony rods, 99-3/4" guided rods, 45-3/4" guided rods, 66-3/4" guided rods, 6-1 1/2" weight rods.  
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12x 18'  
 SPM 82"  
 PUMP SPEED, 4 SPM:

**FRAC JOB**

12/06/07 5410-5418' **Frac CP3 sands as follows:**  
 25257# 20/40 sand in 361 bbls Lightning 17 frac fluid. Treated @ avg press of 2391 psi w/avg rate of 23.1 BPM. ISIP 2055 psi. Calc flush: 5408 gal. Actual flush: 4906 gal.

12/06/07 5259-5266' **Frac CP.5 sands as follows:**  
 25324# 20/40 sand in 351 bbls Lightning 17 frac fluid. Treated @ avg press of 2677 psi w/avg rate of 23.1 BPM. ISIP 2035 psi. Calc flush: 5257 gal. Actual flush: 4754 gal.

12/06/07 4994-5002' **Frac LODC sands as follows:**  
 25369# 20/40 sand in 354 bbls Lightning 17 frac fluid. Treated @ avg press of 3093 psi w/avg rate of 23.2 BPM. ISIP 3198 psi. Calc flush: 4992 gal. Actual flush: 4490 gal.

12/06/07 4842-4864' **Frac AI sands as follows:**  
 40223# 20/40 sand in 398 bbls Lightning 17 frac fluid. Treated @ avg press of 2114 psi w/avg rate of 23.1 BPM. ISIP 2132 psi. Calc flush: 4840 gal. Actual flush: 4326 gal.

12/06/07 3877-3888' **Frac GB4 sands as follows:**  
 38701# 20/40 sand in 339 bbls Lightning 17 frac fluid. Treated @ avg press of 1497 psi w/avg rate of 23.2 BPM. ISIP 1632 psi. Calc flush: 3875 gal. Actual flush: 3822 gal.

4/3/09 Tubing Leak. Updated r & t details.  
 9/3/09 Tubing Leak. Updated rod & tubing details.  
 10/16/2010 Tubing Leak. Update rod and tubing details.

Cement Top @ 68'

SN 5430'

3877-3888'  
 4842-4851'  
 4859-4864'  
 4994-5002'  
 5259-5266'  
 Anchor @ 5400'  
 5410-5418'  
 EOT @ 5499'  
 PBTD @ 5720'  
 SHOE @ 5750'  
 TD @ 5750'

**PERFORATION RECORD**

11/29/07	5410-5418'	4 JSPF	32 holes
12/06/07	5259-5266'	4 JSPF	28 holes
12/06/07	4994-5002'	4 JSPF	32 holes
12/06/07	4859-4864'	4 JSPF	20 holes
12/06/07	4842-4851'	4 JSPF	36 holes
12/06/07	3877-3888'	4 JSPF	44 holes

**NEWFIELD**

---

**FEDERAL 6-24-9-16**

2039' FNL & 2046' FWL

SE/NW Section 24-T9S-R16E

Duchesne Co, Utah

API #43-013-32962; Lease # UTU-15855

# FEDERAL 8-24-9-16

Spud Date: 2/25/08  
 Put on Production: 4/18/08  
 GL: 5603' KB: 5615'

Initial Production: BOPD,  
 MCFD, BWPD

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts  
 DEPTH LANDED: 333'  
 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: 137 jts  
 DEPTH LANDED: 5739'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 275 sx Premlite II and 400 sx 50/50 Poz  
 CEMENT TOP: 40'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 166 jts (5216.48')  
 TUBING ANCHOR: 5228.48' KB  
 NO. OF JOINTS: 1 jts (31.42')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5262.70' KB  
 NO. OF JOINTS: 2 jts (62.90')  
 TOTAL STRING LENGTH: EOT @ 5327.15' KB

### SUCKER RODS

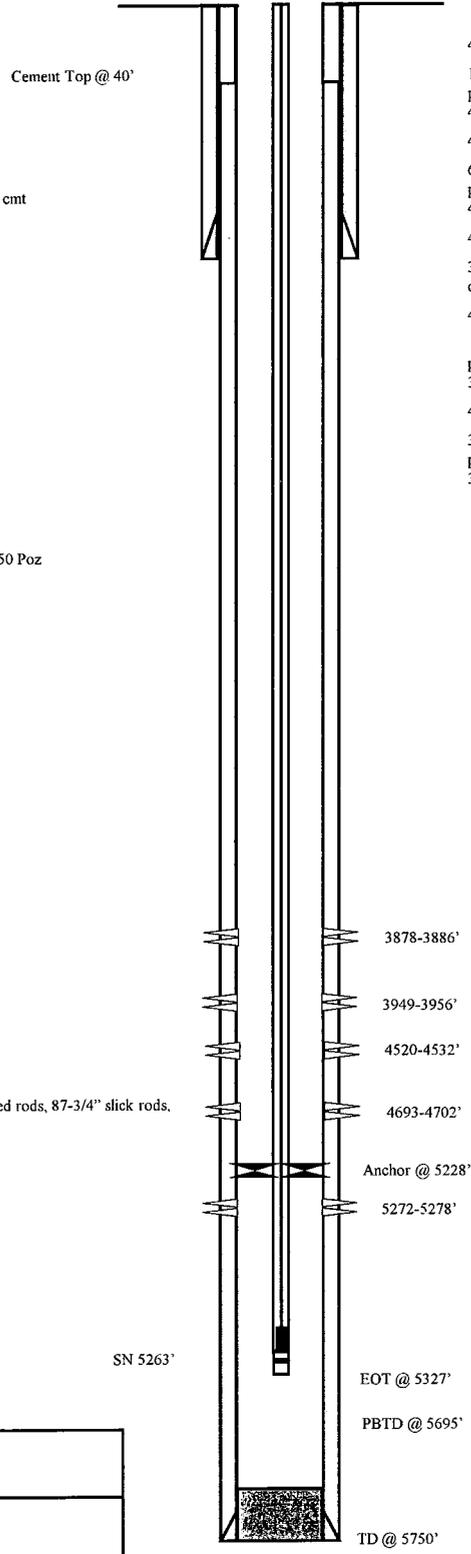
POLISHED ROD: 1-1/2" x 26' polished rods  
 SUCKER RODS: 1-4" x 3/4" pony sub, 97-3/4" guided rods, 87-3/4" slick rods, 20-3/4" guided rods, 6-1 1/2" weight rods.  
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16x 18' RHAC  
 STROKE LENGTH: 102'  
 PUMP SPEED, SPM: 5

### FRAC JOB

4/1/08 5272-5278' **Frac CP.5 sds as follows:**  
 15,319# 20/40 sand in 284 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2126 psi @ ave rate of 23.3 BPM. ISIP 2956 psi. Actual Flush: 4750 gal.  
 4/1/08 4693-4702' **Frac B1 sds as follows:**  
 60,062# 20/40 sand in 502 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1779 psi @ ave rate of 23.5 BPM. ISIP 1884 psi. Actual Flush: 4179 gal.  
 4/1/08 4520-4532' **Frac D2 sds as follows:**  
 35,229 20/40 sand in 407 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2972 psi @ ave rate of 21.1 BPM. ISIP 2107 psi. Actual Flush: 3986 gal.  
 4/1/08 3949-3956' **Frac GB6 sds as follows:**  
 29,694# 20/40 sand in 367 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1808 psi @ ave rate of 23.5 BPM. ISIP 1640 psi. Actual Flush: 3486 gal.  
 4/1/08 3878-3886' **Frac GB2 sds as follows:**  
 31,997#s of 20/40 sand in 369 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1932 psi @ ave rate of 23.5 BPM. ISIP 1618 psi. Actual Flush: 3822 gal.

### PERFORATION RECORD

4/1/08	3878-3886'	4 JSPF	32 holes
4/1/08	3949-3956'	4 JSPF	28 holes
4/1/08	4520-4532'	4 JSPF	48 holes
4/1/08	4693-4702'	4 JSPF	36 holes
3/31/08	5272-5278'	4 JSPF	24 holes



**NEWFIELD**

---

**FEDERAL 8-24-9-16**

2148'FNL & 763' FEL

SE/NE Section 24-T9S-R16E

Duchesne Co, Utah

API #43-013-33086; Lease # UTU-15855

FEDERAL 9-24-9-16

Spud Date 2/27/08  
 Put on Production: 4/22/08  
 GL: 5566' KB 5578'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE 8-5/8"  
 GRADE J-55  
 WEIGHT 24#  
 LENGTH 7 jts  
 DEPTH LANDED 307 29'  
 HOLE SIZE 12-1/4"  
 CEMENT DATA To surface with 160 sx Class "G" crnt 2 bbls returned

Cement Top @ 110'

Casing Shoe @ 307'

PRODUCTION CASING

CSG SIZE 5-1/2"  
 GRADE J-55  
 WEIGHT 15.5#  
 LENGTH 131 jts (5735 06)  
 DEPTH LANDED 5663'  
 HOLE SIZE 7-7/8"  
 CEMENT DATA 275 sx Premlite II and 400 sx 50/50 Poz  
 CEMENT TOP @ 110'

TUBING

SIZE/GRADE/WT 2-7/8" / J-55 / 6.5#  
 NO OF JOINTS 168 jts (5339 4')  
 TUBING ANCHOR 5351 4' KB  
 NO OF JOINTS 1 jts (31 5')  
 SEATING NIPPLE 2-7/8" (1 10')  
 SN LANDED AT 5385 7' KB  
 NO OF JOINTS 2 jts (62.8')  
 NOTCHED COLLAR 5449 6' KB  
 TOTAL STRING LENGTH EOT @ 5450' KB

SUCKER RODS

POLISHED ROD 1-1/2" x 26' polished rods  
 SUCKER RODS 94 - 3/4" 4per Guided Rods (2350'), 77 - 3/4" Sucker Rods (1925'), 37 - 3/4" 4per Guided Rods (925'), 6 - 1 1/2" Sinker Bar (150'), 6 - 1" Stabilizer Rod (20')  
 PUMP SIZE CDI 2-1/2" x 1-1/4", 14' x 18' RHAC  
 STROKE LENGTH 86'  
 PUMP SPEED, SPM 5

FRAC JOB

4/11/08 5291-5298' **Frac CP sds as follows:**  
 30,370#'s of 20/40 sand in 399 bbls of Lightning 17 frac fluid Treated @ ave pressure of 1818 @ ave rate of 23.3 bpm w/ 6.5 ppg of sand ISIP ws 1876 Actual Flush 4788 gal

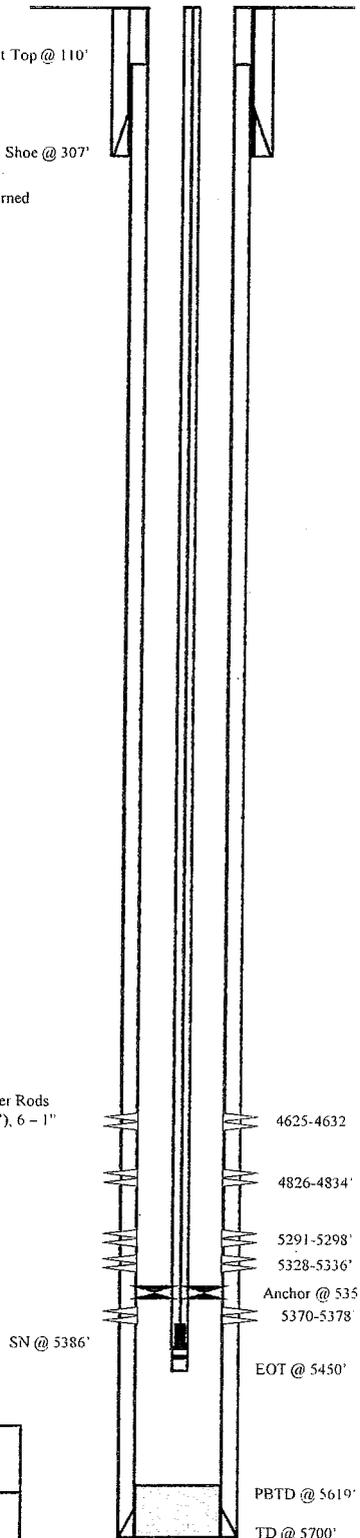
4/11/08 4826-4834' **Frac A3 sds as follows:**  
 15,115#'s of 20/40 sand in 273 bbls of Lightning 17 frac fluid Treated @ ave pressure of 2593 @ ave rate of 23.3 bpm w/ 6.5 ppg of sand ISIP ws 2180 Actual Flush 4326 gal

4/11/08 4625-4632' **Frac B1 sds as follows:**  
 18,870# 20/40 sand in 297 bbls of Lightning 17 frac fluid Treated @ ave pressure of 1927 @ ave rate of 23.3 bpm w/ 6.5 ppg of sand ISIP ws 1850 Actual Flush 4356 gal

8/2/09 Tubing Leak Updated rod & tubing details  
 2/20/10 Tubing Leak Updated rod and tubing detail  
 2/23/2010 Tubing Leak Updated rod and tubing detail  
 05/16/2012 Tubing Leak Updated rod and tubing detail

PERFORATION RECORD

5370-5378' 4 JSPF 32 holes  
 5328-5336' 4 JSPF 32 holes  
 5291-5298' 4 JSPF 28 holes  
 4826-4834' 4 JSPF 32 holes  
 4625-4632' 4 JSPF 28 holes



**NEWFIELD**

**FEDERAL 9-24-9-16**

2024 FSL & 569' FEL

NE/SE Section 24-T9S-R16E

Duchesne Co, Utah

API #43-013-33338, Lease # UTU-15855

## Federal 10-24-9-16

Spud Date: 02/28/08  
 Put on Production: 4/03/08  
 GL: 5619' KB: 5631'

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (308.08')  
 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: 132jts. (5761.15')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 5730.96'  
 CEMENT DATA: 275 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 120'

### TUBING

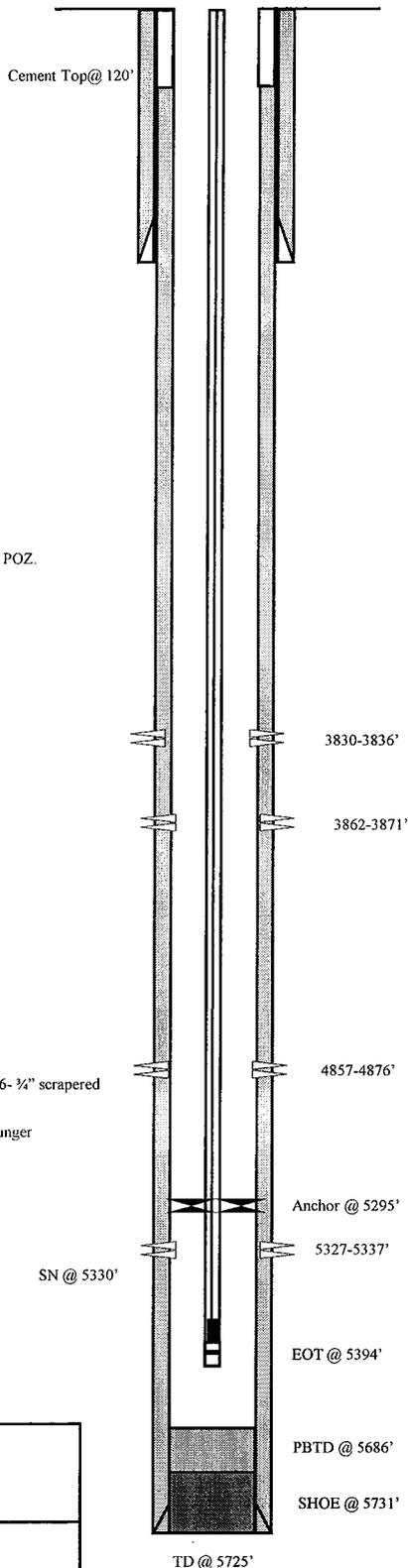
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 168 jts (5283.44')  
 TUBING ANCHOR: 5295.44'  
 NO. OF JOINTS: 1 jts (31.49')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5329.73' KB  
 NO. OF JOINTS: 2 jts (62.63')  
 TOTAL STRING LENGTH: EOT @ 5393.91' w/12' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 26'  
 SUCKER RODS: 1-2', 1-4', 1-6', 1-8' x 3/4" pony rods "B", 216-3/4" scraped "B" rods, 6-1 1/2" weight "B" rods  
 PUMP SIZE: 2-1/2" x 1-1/2" 12' x 18' RHAC pump w/ SM plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 4

### FRAC JOB

3-28-08	5327-5337'	<b>Frac CP2 sands as follows:</b> Frac with 35352# 20/40 sand in 424bbls Lightning 17 fluid. Treat with ave pressure of 1894 psi @ 23.4 BPM. ISIP 1833 psi.
3-28-08	4857-4876'	<b>Frac A3 sands as follows:</b> Frac with 120384# 20/40 sand in 867 bbls Lightning 17 fluid. Treat with ave pressure of 1747psi @ 26 BPM. ISIP 2031psi.
3-28-08	3830-3836'	<b>Frac GB2 &amp; CB4 sands as follows:</b> Frac with 18427# 20/40 sand in 269 bbls Lightning 17 fluid. Treat with ave pressure of 1791psi @ 23.4 BPM. ISIP 1700 psi.
9/3/09		Pump change. Updated rod & tubing details.



### PERFORATION RECORD

3830-3836'	4 JSFP	24 holes
3862-3871'	4 JSFP	36 holes
4857-4876'	4 JSFP	76 holes
5327-5337'	4 JSFP	40 holes

**NEWFIELD**



**Federal 10-24-9-16**  
 2138' FSL & 1861' FEL  
 NWSE Section 24-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-33339; Lease #UTU-15855

## 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

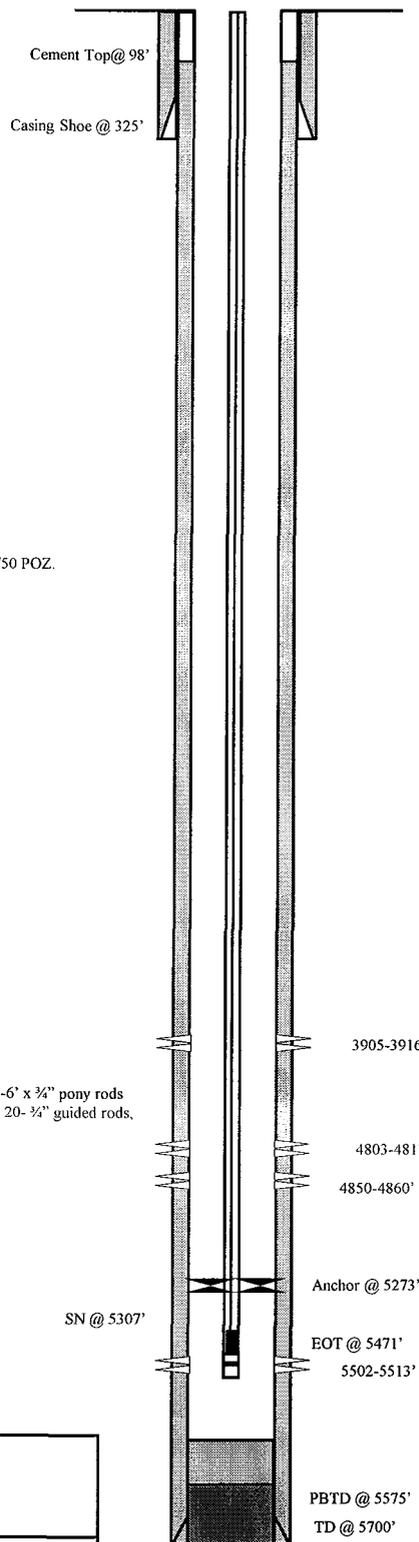
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 167 jts (5260.7')  
 TUBING ANCHOR: 5272.7'  
 NO. OF JOINTS: 1 jts (31.7')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5307.1' KB  
 NO. OF JOINTS: 2 jts (63.0')  
 PBGA: 3 @ 5.20' (5371.2')  
 NO. OF JOINTS: 3 (94.4')  
 TOTAL STRING LENGTH: 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 317bbls 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 bbls 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 bbls 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

**NEWFIELD**

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

Castle Peak Federal #12-24-9-16

Wellbore Diagram

Well History:

9-21-81	Spud Well
10-24-81	Perf: 5,736'-5,835'
10-30-82	Frac BGR zone as follows: Totals 3,000 gal, 2,000# sd Avg TP 2,300 ISIP 1,580, after 5 min 1,450
11-3-81	Perf: 5,324'-5,340', 5,314'-5,319'
	Frac CP-1 zone as follows: Totals 26,500 gal, 40,000# 20/40 sd
9-29-82	Perf: 4,607'-4,609', 4,612'-4,618'
9-30-82	Frac C-SD zone as follows: Totals 35,500 gal, 85,000# 20/40 sd
10-5-82	Perf: 3,923'-3,931', 3,941'-3,948'
10-6-82	Frac GB-6 zone as follows: Totals 35,500 gal, 85,000# 20/40 sd

Recompletion

05/11/09	5314-5340'	<b>Frac CP 1 sands as follows:</b> 80105# 20/40 sand in 740 bbls Lightning 17 frac fluid. = ISIP 2198
05/11/09	4880-4929'	<b>Frac A sands as follows:</b> 50237# 20/40 sand in 488 bbls Lightning 17 frac fluid. 6 bbls of 15% HCL Acid on A sands, ISIP = 1946
05/11/09	4736-4740'	<b>Frac B 1 sands as follows:</b> 16144# 20/40 sand in 208 bbls Lightning 17 frac fluid. ISIP = 2014
11/30/11		Tubing Leak. Rods & tubing updated.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 173 jts (5283.')

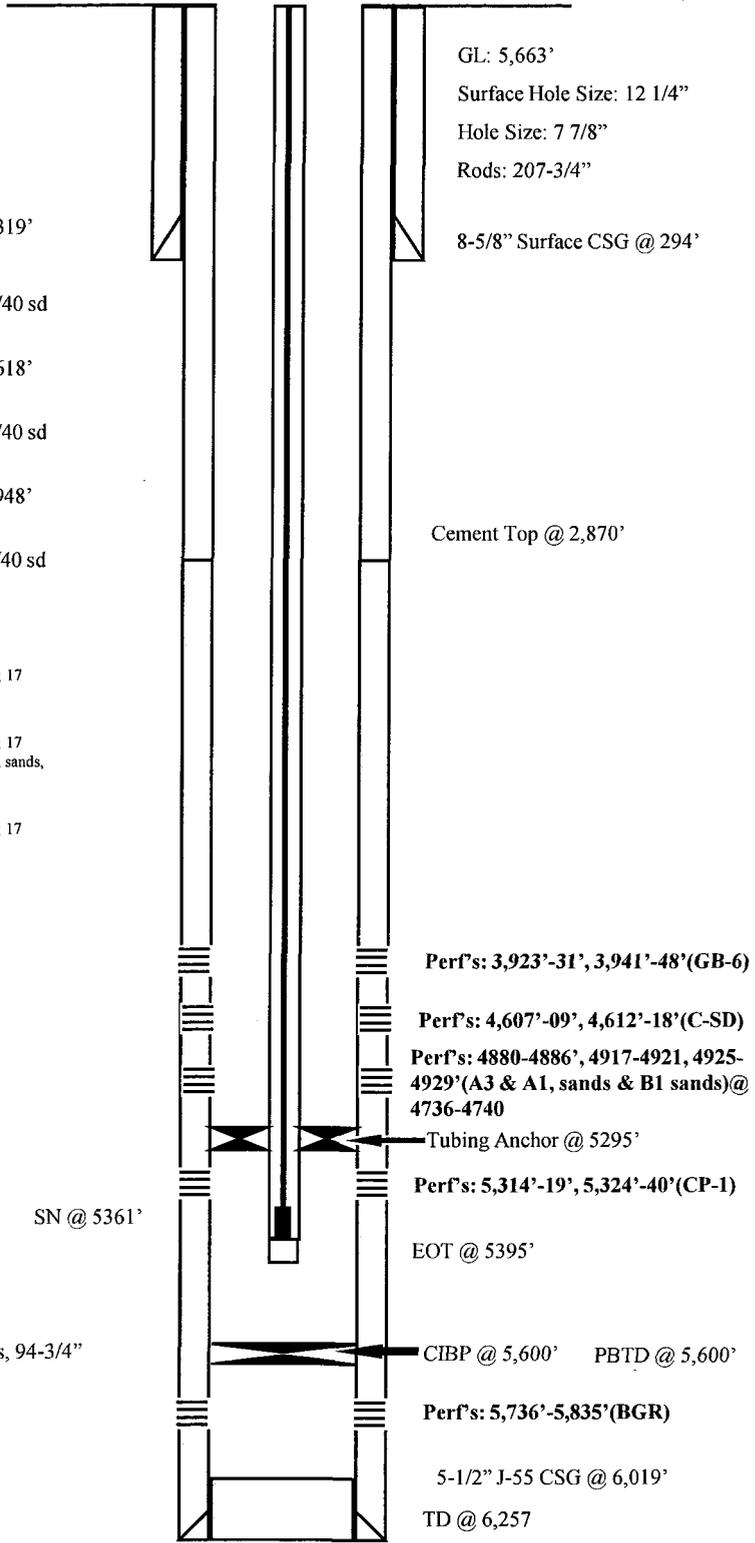
TUBING ANCHOR: 5295' KB  
 NO. OF JOINTS: 2 jts (63.44')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5361' KB  
 NO. OF JOINTS: 1 jts (31.7')  
 TOTAL STRING LENGTH: EOT @ 5395' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods  
 SUCKER RODS: 1-2", 4' x 3/4 pony rods, 104-3/4" guided rods, 94-3/4"  
 sucker rods, 19-3/4" guided rods 6-1 1/2" sinker rods.  
 PUMP SIZE: CDI 2-1/2" x 1-1/4" x 12x 16' RHAC  
 STROKE LENGTH: 54"  
 PUMP SPEED, 4 SPM:



Castle Peak Federal #12-24-9-16  
 794 FWL 2057 FNL  
 SWNW Section 24-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-30588; Lease #U-15855



Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**

Sales Rep: **Darren Betts**

Well Name: **SWDIF**

Lab Tech: **Gary Peterson**

Sample Point: **After production filter**

Sample Date: **12/9/2011**

Sample ID: **WA-204150**

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				

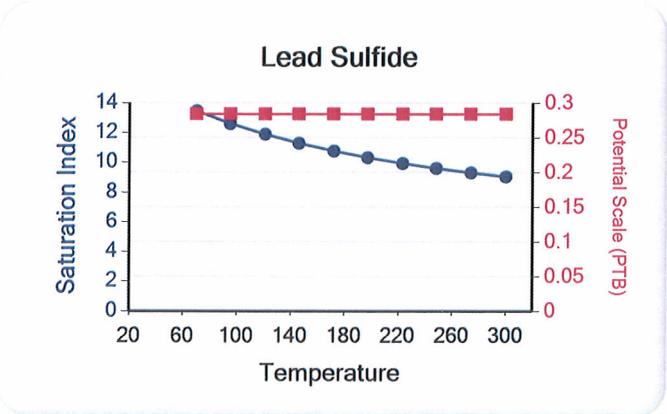
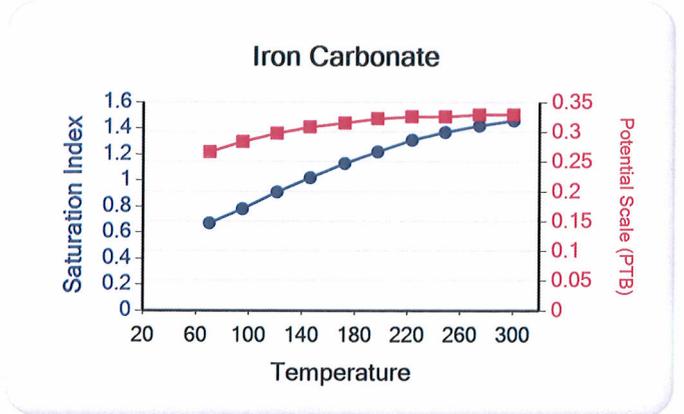
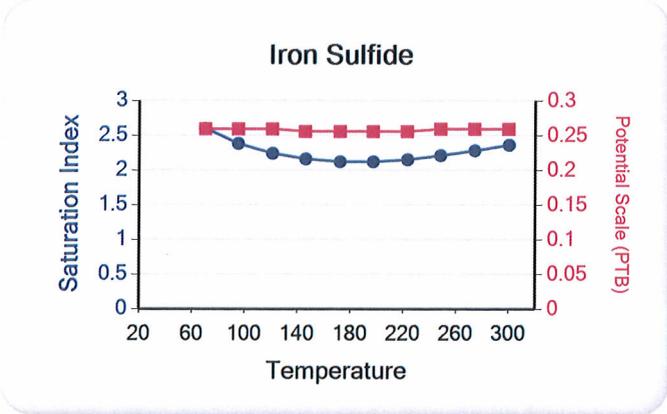
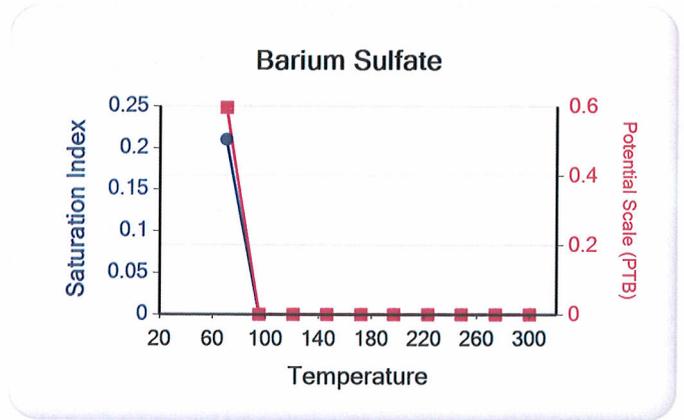
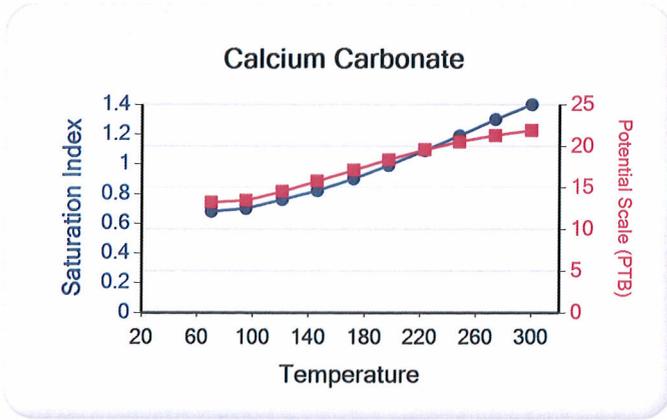
Notes:

(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



Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**  
Well Name: **FEDERAL 7-24-9-16**  
Sample Point:  
Sample Date: **1/30/2012**  
Sample ID: **WA-206108**

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:	1/30/2012	Sodium (Na):	11617.83	Chloride (Cl):	12400.00
System Temperature 1 (°F):	300.00	Potassium (K):	48.00	Sulfate (SO4):	0.00
System Pressure 1 (psig):	3000.00	Magnesium (Mg):	6.90	Bicarbonate (HCO3):	9760.00
System Temperature 2 (°F):	70.00	Calcium (Ca):	15.40	Carbonate (CO3):	0.00
System Pressure 2 (psig):	14.70	Strontium (Sr):	0.00	Acetic Acid (CH3COO):	0.00
Calculated Density (g/ml):	1.02	Barium (Ba):	0.28	Propionic Acid (C2H5COO):	0.00
pH:	10.20	Iron (Fe):	49.00	Butanoic Acid (C3H7COO):	0.00
Calculated TDS (mg/L):	33898.77	Zinc (Zn):	0.85	Isobutyric Acid ((CH3)2CHCOO):	0.00
CO2 in Gas (%):	0.00	Lead (Pb):	0.00	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):	0.51	Silica (SiO2):	0.00
H2S in Water (mg/L):	55.00				

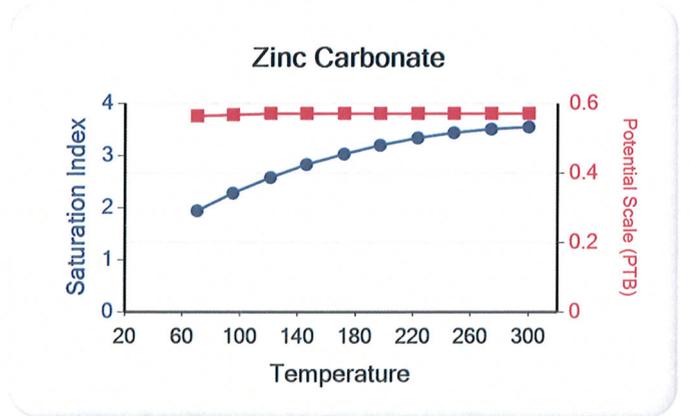
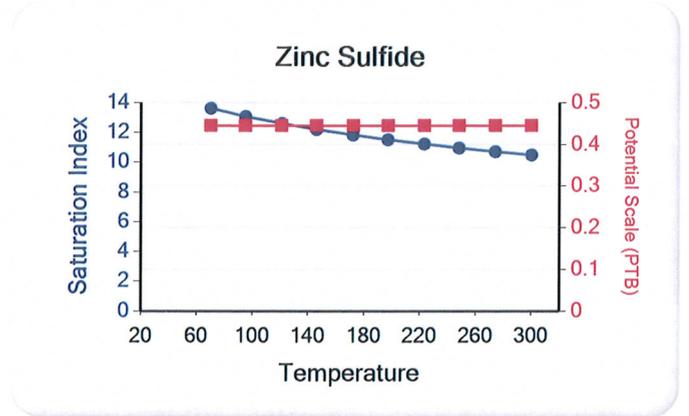
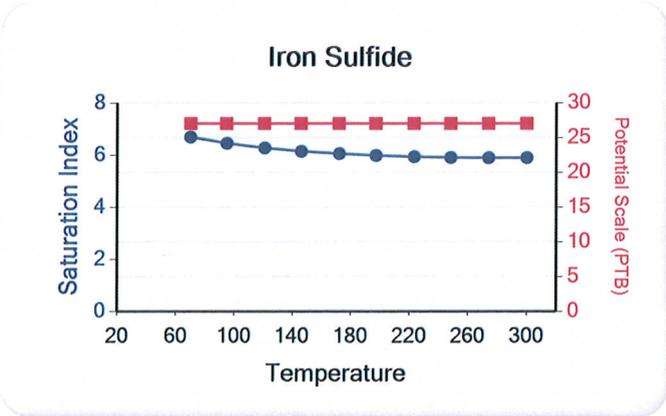
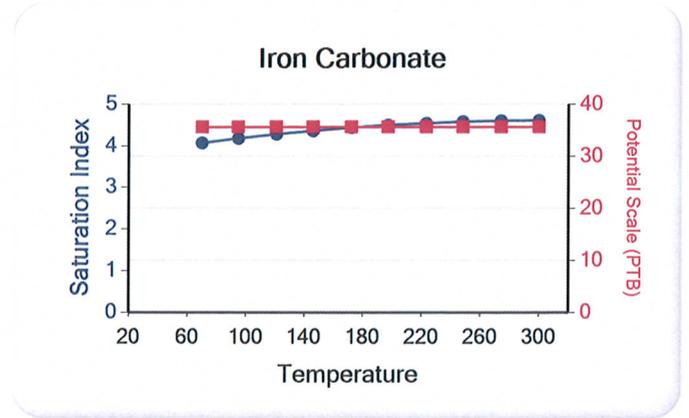
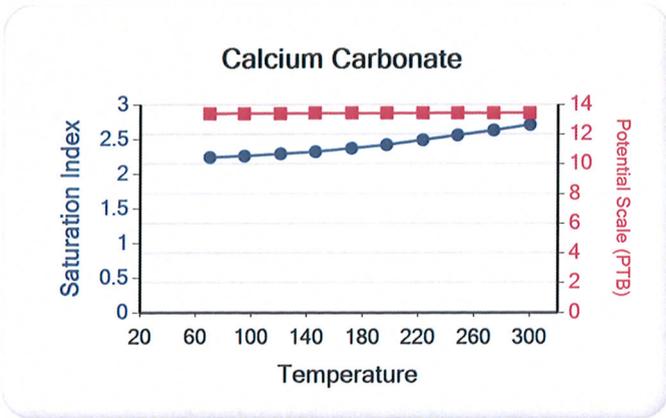
Notes:

(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	2.24	13.40	0.00	0.00	6.69	27.04	4.07	35.63	0.00	0.00	0.00	0.00	0.00	0.00	13.63	0.45
95	346	2.26	13.41	0.00	0.00	6.45	27.04	4.18	35.63	0.00	0.00	0.00	0.00	0.00	0.00	13.08	0.45
121	678	2.29	13.41	0.00	0.00	6.27	27.04	4.28	35.63	0.00	0.00	0.00	0.00	0.00	0.00	12.62	0.45
146	1009	2.32	13.42	0.00	0.00	6.14	27.04	4.36	35.63	0.00	0.00	0.00	0.00	0.00	0.00	12.21	0.45
172	1341	2.37	13.42	0.00	0.00	6.05	27.04	4.44	35.63	0.00	0.00	0.00	0.00	0.00	0.00	11.84	0.45
197	1673	2.42	13.43	0.00	0.00	5.98	27.04	4.50	35.63	0.00	0.00	0.00	0.00	0.00	0.00	11.52	0.45
223	2004	2.49	13.43	0.00	0.00	5.93	27.04	4.54	35.63	0.00	0.00	0.00	0.00	0.00	0.00	11.23	0.45
248	2336	2.56	13.44	0.00	0.00	5.90	27.04	4.58	35.63	0.00	0.00	0.00	0.00	0.00	0.00	10.96	0.45
274	2668	2.63	13.45	0.00	0.00	5.89	27.04	4.60	35.63	0.00	0.00	0.00	0.00	0.00	0.00	10.71	0.45
300	3000	2.71	13.46	0.00	0.00	5.89	27.04	4.61	35.63	0.00	0.00	0.00	0.00	0.00	0.00	10.49	0.45

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	1.94	0.56	0.00	0.00	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	2.28	0.57	0.00	0.00	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	2.58	0.57	0.00	0.00	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	2.83	0.57	0.00	0.00	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	3.03	0.57	0.00	0.00	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	3.20	0.57	0.00	0.00	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	3.34	0.57	0.00	0.00	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	3.44	0.57	0.00	0.00	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	3.51	0.57	0.00	0.00	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	3.55	0.57	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 Zinc Carbonate



**Attachment "G"**

**Federal #7-24-9-16  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
4773	4780	4777	2414	0.94	2383
4707	4714	4711	2046	0.87	2015
4648	4656	4652	2285	0.92	2255
4507	4518	4513	1854	0.84	1825 ←
4086	4094	4090	2153	0.96	2126
3937	3948	3943	1931	0.92	1905
				<b>Minimum</b>	<u><u>1825</u></u>

Calculation of Maximum Surface Injection Pressure  
 $P_{max} = (Frac\ Grad - (0.433 * 1.015)) \times Depth\ of\ Top\ Perf$   
 where pressure gradient for the fresh water is .433 psi/ft and  
 specific gravity of the injected water is 1.015.

$Frac\ Gradient = (ISIP + (0.433 * Top\ Perf.)) / Top\ Perf.$

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.



DAILY COMPLETION REPORT

WELL NAME: Federal 7-24-9-16 Report Date: 11/21/07 Day: 01
Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 320' Prod Csg: 5-1/2" @ 5722' Csg PBTD: 5637'WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Row 1: A.5 sds, 4773-4780', 4/28

CHRONOLOGICAL OPERATIONS

Date Work Performed: 20-Nov-07 SITP: SICP: 0

Instal 5K frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5637' & cement top @ 102'. Perforate stage #1, A.5 sds @ 4773-4780' w/ 3-1/8" Slick Guns (19 gram, .49"HE. 120 ) w/ 4 spf for total of 28 shots. 135 bbls EWTR. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 135 Starting oil rec to date:
Fluid lost/recovered today: 0 Oil lost/recovered today:
Ending fluid to be recovered: 135 Cum oil recovered:
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Job Type:
Company:
Procedure or Equipment detail:

COSTS

Table with 2 columns: Item, Cost. Items include Weatherford BOP (\$540), NPC NU crew (\$300), NDSI trucking (\$1,200), Perforators LLC (\$5,250), Drilling cost (\$322,319), D&M Hot Oil (\$417), Location preparation (\$300), NPC wellhead (\$1,500), Benco - anchors (\$1,200), Admin. Overhead (\$3,000), NPC Supervisor (\$300)

Max TP: Max Rate: Total fluid pmpd:
Avg TP: Avg Rate: Total Prop pmpd:
ISIP: 5 min: 10 min: FG:

Completion Supervisor: Ron Shuck

DAILY COST: \$336,326
TOTAL WELL COST: \$336,326





DAILY COMPLETION REPORT

WELL NAME: Federal 7-24-9-16 Report Date: 11/27/07 Day: 2b  
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 320' Prod Csg: 5-1/2" @ 5722' Csg PBTD: 5637'WL  
 Tbg: Size: \_\_\_\_\_ Wt: \_\_\_\_\_ Grd: \_\_\_\_\_ Pkr/EOT @: \_\_\_\_\_ BP/Sand PBTD: 4740'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<u>B2 sds</u>	<u>4707-4714'</u>	<u>4/28</u>			
<u>A.5 sds</u>	<u>4773-4780'</u>	<u>4/28</u>			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 28-Nov-07 SITP: \_\_\_\_\_ SICP: 1888

Day2b.

RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 7' per gun. Set plug @ 4740'. Perforate B2 sds @ 4707-14' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90 ) w/ 4 spf for total of 28 shots. RU BJ & frac stage #2 w/ 14,724#'s of 20/40 sand in 259 bbls of Lightning 17 frac fluid. Open well w/ 1888 psi on casing. Perfs broke down @ 2548 psi. Pump 30 gals of Techna Hib. Treated @ ave pressure of 2302 @ ave rate of 23 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2046. 669 bbls EWTR. Leave pressure on well. See day2c.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 410 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 259 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 669 Cum oil recovered: \_\_\_\_\_  
 IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac  
 Company: BJ Services  
 Procedure or Equipment detail: B2 sds down casing  
1176 gals w/ Techna Hib & to cross link  
1470 gals of pad  
1149 gals w/ 1-4 ppg of 20/40 sand  
2337 gals w/ 4-6.5 ppg of 20/40 sand  
504 gals of 15% HCL acid  
Flush w/ 4242 gals of slick water

Weatherford Services	\$2,300
C-D trkg frac water	\$380
NPC fuel gas	\$80
BJ Services B2 sds	\$4,741
Lone Wolf B2 sds	\$3,277

\*\*Flush called @ blender to include 2 bbls for pump/line volume\*\*

Max TP: 2457 Max Rate: 23 Total fluid pmpd: 259 bbls  
 Avg TP: 2302 Avg Rate: 23 bpm Total Prop pmpd: 14,724#'s  
 ISIP: 2046 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: .87

Completion Supervisor: Ron Shuck

DAILY COST: \$10,778  
 TOTAL WELL COST: \$366,773





DAILY COMPLETION REPORT

WELL NAME: Federal 7-24-9-16 Report Date: 11/27/07 Day: 2d
Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 320' Prod Csg: 5-1/2" @ 5722' Csg PBTD: 5637'WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 4590'
Plug 4740' 4680'

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Rows include D3 sds, B1 sds, B2 sds, and A.5 sds with corresponding perforation data.

CHRONOLOGICAL OPERATIONS

Date Work Performed: 28-Nov-07 SITP: SICP: 1712

Day2d.

RU WLT. RIH w/ frac plug & 11' perf gun. Set plug @ 4590'. Perforate D3 sds @ 4507-18' w/ 4 spf for total of 44 shots. RU BJ & frac stage #4 w/ 19,882#'s of 20/40 sand in 289 bbls of Lightning 17 frac fluid. Open well w/ 1712 ps on casing. Perfs broke down @ 2344 psi. Pump 30 gals of Techna Hib. Treated @ ave pressure of 2096 @ ave rate of 23 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1854. 1362 bbls EWTR. Leave pressure on well. See day2e.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1073 Starting oil rec to date:
Fluid lost/recovered today: 289 Oil lost/recovered today:
Ending fluid to be recovered: 1362 Cum oil recovered:
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac
Company: BJ Services
Procedure or Equipment detail: D3 sds down casing
1134 gals w/ Techna Hib & to cross link
2016 gals of pad
1511 gals w/ 1-4 ppg of 20/40 sand
2983 gals w/ 4-6.5 ppg of 20/40 sand
504 gals of 15% HCL acid
Flush w/ 3990 gals of slick water

COSTS

Weatherford Services \$2,300
C-D trkg frac water \$540
NPC fuel gas \$120
BJ Services D3 sds \$18,970
Lone Wolf D3 sds \$3,277

\*\*Flush called @ blender to include 2 bbls for pump/line volume\*\*

Max TP: 2096 Max Rate: 23 Total fluid pmpd: 289 bbls
Avg TP: 1860 Avg Rate: 23 bpm Total Prop pmpd: 19,882#'s
ISIP: 1854 5 min: 10 min: FG: .84

Completion Supervisor: Ron Shuck

DAILY COST: \$25,207
TOTAL WELL COST: \$407,638



## DAILY COMPLETION REPORT

**WELL NAME:** Federal 7-24-9-16      **Report Date:** 11/27/07      **Day:** 2e  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 320'      **Prod Csg:** 5-1/2" @ 5722'      **Csg PBTD:** 5637'WL  
**Tbg:** Size: \_\_\_\_\_ Wt: \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** 4200'  
**Plug** 4740' 4680' 4590'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<u>PB8 sds</u>	<u>4086-4094'</u>	<u>4/32</u>	_____	_____	_____
<u>D3 sds</u>	<u>4507-4518'</u>	<u>4/44</u>	_____	_____	_____
<u>B1 sds</u>	<u>4648-4656'</u>	<u>4/32</u>	_____	_____	_____
<u>B2 sds</u>	<u>4707-4714'</u>	<u>4/28</u>	_____	_____	_____
<u>A.5 sds</u>	<u>4773-4780'</u>	<u>4/28</u>	_____	_____	_____

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 28-Nov-07      **SITP:** \_\_\_\_\_      **SICP:** 1577

Day 2e.

RU WLT. RIH w/ frac plug & 8' perf gun. Set plug @ 4200'. Perforate PB8 sds @ 4086-94' w/ 4 spf for total of 32 shots. RU BJ & frac stage #5 w/ 39,746#'s of 20/40 sand in 382 bbls of Lightning 17 frac fluid. Open well w/ 1577 ps on casing. Perfs broke down @ 1900 psi. Pump 30 gals of Techna Hib. Treated @ ave pressure of 2344 @ ave rate of 23 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2153. 1744 bbls EWTR Leave pressure on well. **See day 2f.**

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 1362      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 382      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1744      **Cum oil recovered:** \_\_\_\_\_  
**IFL:** \_\_\_\_\_ **FFL:** \_\_\_\_\_ **FTP:** \_\_\_\_\_ **Choke:** \_\_\_\_\_ **Final Fluid Rate:** \_\_\_\_\_ **Final oil cut:** \_\_\_\_\_

### STIMULATION DETAIL

**Base Fluid used:** Lightning 17      **Job Type:** Sand frac  
**Company:** BJ Services  
**Procedure or Equipment detail:** PB8 sds down casing  
1302 gals w/ Techna Hib & to cross link  
3192 gals of pad  
2500 gals w/ 1-5 ppg of 20/40 sand  
4934 gals w/ 5-8 ppg of 20/40 sand  
504 gals of 15% HCL acid  
Flush w/ 3612 gals of slick water

### COSTS

<u>Weatherford Services</u>	<u>\$2,300</u>
<u>C-D trkg frac water</u>	<u>\$1,100</u>
<u>NPC fuel gas</u>	<u>\$240</u>
<u>BJ Services PB8 sds</u>	<u>\$9,360</u>
<u>Lone Wolf PB8 sds</u>	<u>\$3,277</u>

**\*\*Flush called @ blender to include 2 bbls for pump/line volume\*\***

**Max TP:** 2563      **Max Rate:** 23      **Total fluid pmpd:** 382 bbls  
**Avg TP:** 2344      **Avg Rate:** 23 bpm      **Total Prop pmpd:** 39,746#'s  
**ISIP:** 2153      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** .96  
**Completion Supervisor:** Ron Shuck

**DAILY COST:** \$16,277  
**TOTAL WELL COST:** \$423,915



7 of 10

## DAILY COMPLETION REPORT

**WELL NAME:** Federal 7-24-9-16      **Report Date:** 11/27/07      **Day:** 2f  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 320'      **Prod Csg:** 5-1/2" @ 5722'      **Csg PBTD:** 5637'WL  
**Tbg:** **Size:** \_\_\_\_\_ **Wt:** \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** 4010'  
**Plug** 4740' 4680' 4590' 4200'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<u>GB6 sds</u>	<u>3937-3948'</u>	<u>4/44</u>	_____	_____	_____
<u>PB8 sds</u>	<u>4086-4094'</u>	<u>4/32</u>	_____	_____	_____
<u>D3 sds</u>	<u>4507-4518'</u>	<u>4/44</u>	_____	_____	_____
<u>B1 sds</u>	<u>4648-4656'</u>	<u>4/32</u>	_____	_____	_____
<u>B2 sds</u>	<u>4707-4714'</u>	<u>4/28</u>	_____	_____	_____
<u>A.5 sds</u>	<u>4773-4780'</u>	<u>4/28</u>	_____	_____	_____

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 28-Nov-07      **SITP:** \_\_\_\_\_      **SICP:** 1560

Day 2f.

RU WLT. RIH w/ frac plug & 11' perf gun. Set plug @ 4010'. Perforate GB6 sds @ 3937-48' w/ 4 spf for total of 44 shots. RU BJ & frac stage #6 w/ 9,438#s of 20/40 sand in 219 bbls of Lightning 17 frac fluid. Open well w/ 1560 ps on casing. Perfs broke down @ 1816 psi. Pump 30 gals of Techna Hib. Treated @ ave pressure of 2045 @ ave rate of 23 bpm w/ 6.5 ppg of sand. ISIP was 1931. 1963 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 5 hours & died w/ 350 bbls rec'd. SIFN.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 1963      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 350      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1613      **Cum oil recovered:** \_\_\_\_\_  
**IFL:** \_\_\_\_\_ **FFL:** \_\_\_\_\_ **FTP:** \_\_\_\_\_ **Choke:** \_\_\_\_\_ **Final Fluid Rate:** \_\_\_\_\_ **Final oil cut:** \_\_\_\_\_

### STIMULATION DETAIL

**Base Fluid used:** Lightning 17      **Job Type:** Sand frac  
**Company:** BJ Services

**Procedure or Equipment detail:**      GB6 sds down casing  
1176 gals w/ Techna Hib & to cross link  
1470 gals of pad  
1149 gals w/ 1-4 ppg of 20/40 sand  
1539 gals w/ 4-6.5 ppg of 20/40 sand  
Flush w/ 3864 gals of slick water

### COSTS

<u>Weatherford Services</u>	<u>\$2,300</u>
<u>C-D trkg frac water</u>	<u>\$380</u>
<u>NPC fuel gas</u>	<u>\$80</u>
<u>BJ Services GB6 sds</u>	<u>\$21,878</u>
<u>Lone Wolf GB6 sds</u>	<u>\$3,276</u>
<u>C-D trkg wtr transfer</u>	<u>\$500</u>
<u>NPC flow back hand</u>	<u>\$300</u>

**Max TP:** 2045      **Max Rate:** 23      **Total fluid pmpd:** 219 bbls  
**Avg TP:** 1940      **Avg Rate:** 23 bpm      **Total Prop pmpd:** 9,438#s  
**ISIP:** 1931      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** .92

**Completion Supervisor:** Ron Shuck

**DAILY COST:** \$28,714  
**TOTAL WELL COST:** \$452,629





## DAILY COMPLETION REPORT

**WELL NAME:** Federal 7-24-9-16      **Report Date:** 29-Nov-07      **Day:** 4  
**Operation:** Completion      **Rig:** NC #2

### WELL STATUS

**Surf Csg:** 8-5/8' @ 320'      **Prod Csg:** 5-1/2" @ 5722'      **Csg PBTD:** 5677'  
**Tbg:** **Size:** \_\_\_\_\_ **Wt:** \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** 5677'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	3937-3948'	4/44			
PB8 sds	4086-4094'	4/32			
D3 sds	4507-4518'	4/44			
B1 sds	4648-4656'	4/32			
B2 sds	4707-4714'	4/28			
A.5 sds	4773-4780'	4/28			

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 28-Nov-07      **SITP:** \_\_\_\_\_ **SICP:** \_\_\_\_\_

RU power swivel. Clean out to plug @ 4010' & drill up plug in 28 minutes. Circulate well clean. PU tbg & tag fill @ 4190'. Clean out to plug @ 4200' & drill up plug in 25 minutes. Circulate well clean. PU tbg & tag fill @ 4550'. Clear out to plug @ 4590' & drill up plug in 30 minutes. Circulate well clean. PU tbg & tag fill @ 4660'. Clean out to plug @ 4680' & drill up plug in 26 minutes. Circulate well clean. PU tbg & tag fill @ 4700'. Clean out to plug @ 4740' & drill up plug in 30 minutes. Circulate well clean. PU tbg & tag fill @ 5590'. Clean out to PBTD @ 5677'. Circulate well clean RD power swivel. TOOH w/ 2- jts tbg. RU swab equipment. Made 13 swab runs w/ SFL @ surface & EFL @ 1350' Ending w/ small show of gas & approx. 4% oil cut. Swabbed total of 117 Bbls. SDFN.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 1613 BW      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 40 BW      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1653 BW      **Cum oil recovered:** \_\_\_\_\_  
**IFL:** \_\_\_\_\_ **FFL:** \_\_\_\_\_ **FTP:** \_\_\_\_\_ **Choke:** \_\_\_\_\_ **Final Fluid Rate:** \_\_\_\_\_ **Final oil cut:** \_\_\_\_\_

#### TUBING DETAIL

#### ROD DETAIL

#### COSTS

		NC #2	\$6,154
		2 7/8" J-55 6.5# tbg	\$22,350
		CDI pump	\$1,450
		CDI TA	\$525
		CDI SN	\$80
		Mt West sanitation	\$300
		Nabors power swivel	\$750
		NPC trucking	\$900
		NDSI trucking	\$900
		Circ head rubber	\$475
		Weatherford BOPs	\$255
		NPC Supervision	\$300
		<b>DAILY COST:</b>	<b>\$34,439</b>
		<b>TOTAL WELL COST:</b>	<b>\$648,503</b>

**Completion Supervisor:** Aaron Manning

# NEWFIELD



**ATTACHMENT G-1**  
10 of 10

## DAILY COMPLETION REPORT

**WELL NAME:** Federal 7-24-9-16      **Report Date:** 30-Nov-07      **Day:** 5  
**Operation:** Completion      **Rig:** NC #2

### WELL STATUS

**Surf Csg:** 8-5/8' @ 320'      **Prod Csg:** 5-1/2" @ 5722'      **Csg PBTD:** 5677'  
**Tbg:** Size: 3      Wt: 6.5#      **Grd:** J-55      **Pkr/EOT @:** 4852'      **BP/Sand PBTD:** 5677'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<u>GB6 sds</u>	<u>3937-3948'</u>	<u>4/44</u>	_____	_____	_____
<u>PB8 sds</u>	<u>4086-4094'</u>	<u>4/32</u>	_____	_____	_____
<u>D3 sds</u>	<u>4507-4518'</u>	<u>4/44</u>	_____	_____	_____
<u>B1 sds</u>	<u>4648-4656'</u>	<u>4/32</u>	_____	_____	_____
<u>B2 sds</u>	<u>4707-4714'</u>	<u>4/28</u>	_____	_____	_____
<u>A.5 sds</u>	<u>4773-4780'</u>	<u>4/28</u>	_____	_____	_____

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 29-Nov-07      **SITP:** \_\_\_\_\_      **SICP:** \_\_\_\_\_

TIH & tag PBTD @ 5677'. LD 33- jts tbg. TOOH w/ tbg & LD BHA. TIH w/ 2 7/8 NC, 2- jts 2 7/8 J-55 6.5# tbg, SN, 1-j tbg, TA, 151- jts tbg. RD rig floor. ND BOPs. Set TA @ 4753.65' w/ 16000# tension. NU wellhead. Flush tbg w/ 60 BW @ 250 . X-over for rods. PU & prime CDI 2 1/2" X 1 1/2" X 14' X 18' RHAC rod pump. PU rods from trailer as detailed below. RU pumping unit. Hang rods off & adjust tag. Fill tbg w/ 8 BW & test to 200 psi. Stroke test pump w. unit to 800 psi (good test). RDMO.

**PWOP @ 5:30 PM w/ 96" SL & 5 SPM. Est 1661 BWTR.**

**Final Report!**

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 1653 BW      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 8 BW      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1661 BW      **Cum oil recovered:** \_\_\_\_\_  
**IFL:** \_\_\_\_\_      **FFL:** \_\_\_\_\_      **FTP:** \_\_\_\_\_      **Choke:** \_\_\_\_\_      **Final Fluid Rate:** \_\_\_\_\_      **Final oil cut:** \_\_\_\_\_

TUBING DETAIL		ROD DETAIL	COSTS	
<u>12.00' KB</u>			<u>NC #2</u>	<u>\$5,143</u>
151	<u>jts 2 7/8 J-55 (4741.65')</u>	<u>1 1/2" X 26' polished rod</u>	<u>Zubiate hot oil</u>	<u>\$1,500</u>
	<u>TA (2.80') @ 4753.65' w/ KB</u>	<u>1-2' X 3/4" pony rod</u>	<u>NPC frac tks (5X8days)</u>	<u>\$1,600</u>
1	<u>jt 2 7/8 J-55 (31.37')</u>	<u>101- 3/4" guided rods</u>	<u>NPC swab tk (5 days)</u>	<u>\$200</u>
	<u>SN (1.10') @ 4787.82' w/ KB</u>	<u>74- 3/4" plain rods</u>	<u>NPC frac head</u>	<u>\$500</u>
2	<u>jts 2 7/8 J-55 (62.78')</u>	<u>10- 3/4" guided rods</u>	<u>"A" grade rod string</u>	<u>\$11,000</u>
	<u>2 7/8 NC (.45')</u>	<u>6- 1 1/2" weight rods</u>		
	<u>EOT @ 4852.15' w/KB</u>	<u>CDI 2 1/2" X 1 1/2" 14' X 18'</u>		
		<u>RHAC rod pump</u>		
			<u>Weatherford BOPs</u>	<u>\$255</u>
			<u>NPC Supervision</u>	<u>\$300</u>
			<b>DAILY COST:</b>	<u>\$20,498</u>
			<b>TOTAL WELL COST:</b>	<u>\$669,001</u>

**Completion Supervisor:** Aaron Manning

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4375'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 169' balance plug using 19 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 46 sx Class "G" cement down 5 ½" casing to 371'

The approximate cost to plug and abandon this well is \$42,000.

## FEDERAL 7-24-9-16

Spud Date: 10/08/07  
 Put on Production: 11/29/07  
 GL: 5582' KB: 5594'

Initial Production: BOPD,  
 MCFD, BWPD

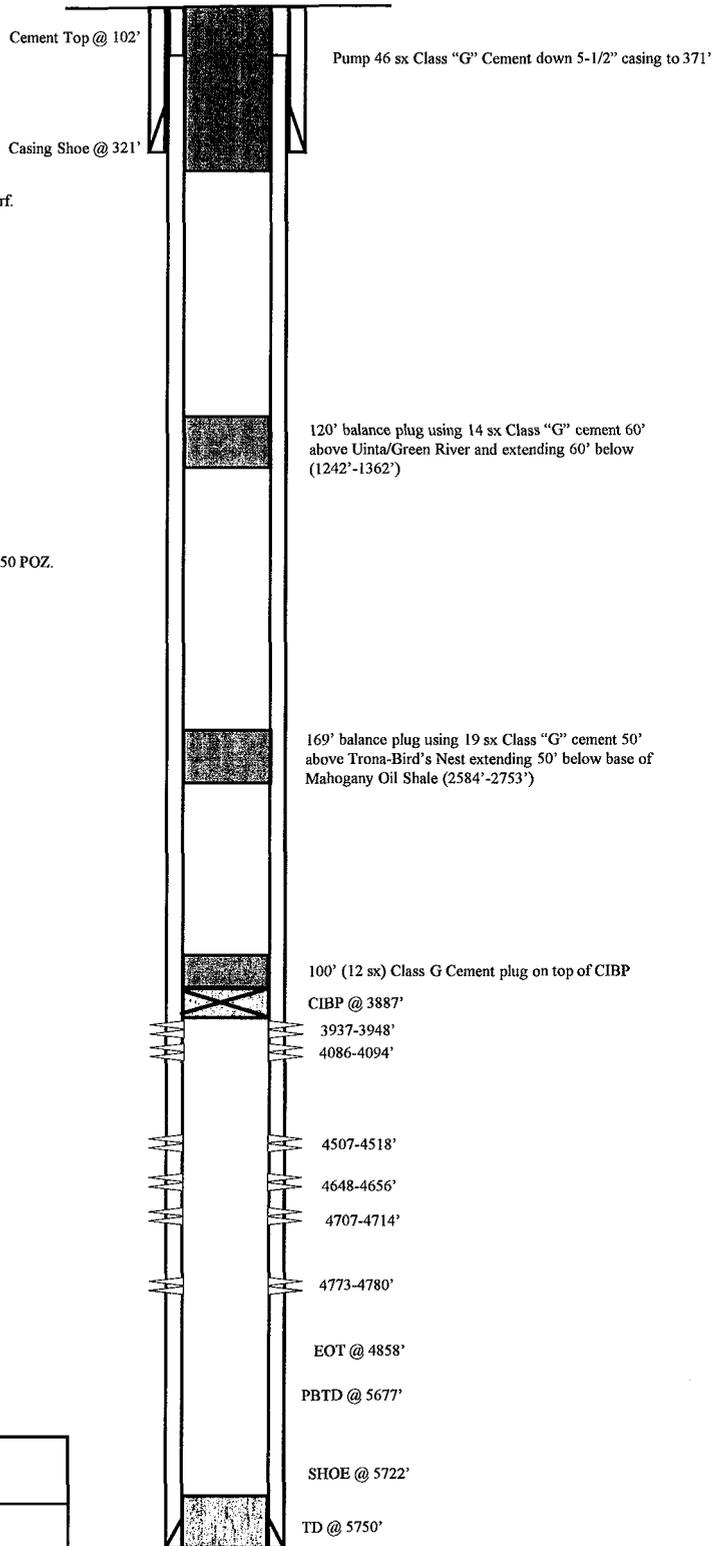
### Proposed Injection Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (312.36')  
 DEPTH LANDED: 320.63' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 1- 160, sxs Class "G" cmt, 7 bbls cmt to surf.

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 133 jts. (5708.82')  
 DEPTH LANDED: 5722.07' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP: 102'




<b>FEDERAL 7-24-9-16</b> 1790'FNL & 2019' FEL SW/NE Section 24-T9S-R16E Duchesne Co, Utah API #43-013-33085; Lease # UTU-15855

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)  
 1790 FNL 2019 FEL  
 SWNE Section 24 T9S R16E

5. Lease Serial No.  
 UTU-15855

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
 FEDERAL 7-24-9-16

9. API Well No.  
 4301333085

10. Field and Pool, or Exploratory Area  
 GREATER MB UNIT

11. County or Parish, State  
 DUCHESNE, UT

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

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

Newfield Production proposes to convert the above mentioned well from producing oil well to an injection well.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Jill Loyle	Title Regulatory Technician
Signature 	Date 03/23/2012

**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 17212; 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

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-390

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23, 24, 25, AND 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 6, 13, 19, 22, 24, AND 27, 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:

Ashley Federal 12-23-9-15 well located in NW/4 SW/4, Section 23, Township 9 South, Range 15 East  
API 43-013-32830  
Ashley Federal 10-24R-9-15 well located in NW/4 SE/4, Section 24, Township 9 South, Range 15 East  
API 43-013-15781  
Ashley Federal 14-24-9-15 well located in SE/4 SW/4, Section 24, Township 9 South, Range 15 East  
API 43-013-32821  
Ashley Federal 16-24-9-15 well located in SE/4 SE/4, Section 24, Township 9 South, Range 15 East  
API 43-013-32944  
Ashley Federal 4-25-9-15 well located in NW/4 NW/4, Section 25, Township 9 South, Range 15 East  
API 43-013-32884  
Ashley Federal 4-26-9-15 well located in NW/4 NW/4, Section 26, Township 9 South, Range 15 East  
API 43-013-32900  
Monument Federal 33-6-9-16Y well located in NW/4 SE/4, Section 6, Township 9 South, Range 16 East  
API 43-013-31589  
Federal 11-13-9-16 well located in NE/4 SW/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32652  
Federal 15-19-9-16 well located in SW/4 SE/4, Section 19, Township 9 South, Range 16 East  
API 43-013-33162  
Federal 13-22-9-16 well located in SW/4 SW/4, Section 22, Township 9 South, Range 16 East  
API 43-013-33148  
Federal 7-24-9-16 well located in SW/4 NE/4, Section 24, Township 9 South, Range 16 East  
API 43-013-33085  
Federal 11-24-9-16 well located in NE/4 SW/4, Section 24, Township 9 South, Range 16 East  
API 43-013-33340  
Federal 3-27-9-16 well located in NE/4 NW/4, Section 27, Township 9 South, Range 16 East  
API 43-013-33352

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 10th day of April, 2012.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

A handwritten signature in black ink, appearing to read 'Brad Hill', is written over a horizontal line.

Brad Hill  
Permitting Manager

**Newfield Production Company**

**ASHLEY FEDERAL 12-23-9-15, ASHLEY FEDERAL 10-24R-9-15, ASHLEY FEDERAL 14-24-9-15,  
ASHLEY FEDERAL 16-24-9-15, ASHLEY FEDERAL 4-25-9-15, ASHLEY FEDERAL 4-26-9-15,  
MONUMENT FEDERAL 33-6-9-16Y, FEDERAL 11-13-9-16, FEDERAL 15-19-9-16, FEDERAL 13-22-9-16,  
FEDERAL 7-24-9-16, FEDERAL 11-24-9-16, FEDERAL 3-27-9-16**

**Cause No. UIC-390**

Publication Notices were sent to the following:

Newfield Production Company  
1001 17th Street, Suite 2000  
Denver, CO 80202

Duchesne County Planning  
P O Box 317  
Duchesne, UT 84021-0317

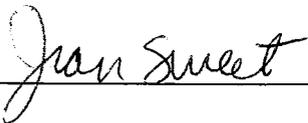
Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066  
via e-mail [legals@ubstandard.com](mailto:legals@ubstandard.com)

Bruce Suchomel  
US EPA Region 8  
MS 8P-W-GW  
1595 Wynkoop Street  
Denver, CO 80202-1129

Salt Lake Tribune  
P O Box 45838  
Salt Lake City, UT 84145  
via e-mail [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

Vernal Office  
Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078

  
\_\_\_\_\_



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

April 10, 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-390

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:** 4/11/2012 10:09 AM  
**Subject:** Legal Notice  
**Attachments:** OrderConf.pdf

AD# 783810  
Run Trib/DNews - 4/14  
Cost \$293.96  
Thank you  
Mark

**Order Confirmation for Ad #0000783810-01**

<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>	██████████	<b>Payor Account</b>	██████████
<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	mfultz

**Ad Content Proof Actual Size**

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-390

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23, 24, 25, AND 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 6, 13, 19, 22, 24, AND 27, 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:
- Ashley Federal 12-23-9-15 well located in NW/4 SW/4, Section 23, Township 9 South, Range 15 East  
API 43-013-32830
- Ashley Federal 10-24R-9-15 well located in NW/4 SE/4, Section 24, Township 9 South, Range 15 East  
API 43-013-15781
- Ashley Federal 14-24-9-15 well located in SE/4 SW/4, Section 24, Township 9 South, Range 15 East  
API 43-013-32821
- Ashley Federal 16-24-9-15 well located in SE/4 SE/4, Section 24, Township 9 South, Range 15 East  
API 43-013-32944
- Ashley Federal 4-25-9-15 well located in NW/4 NW/4, Section 25, Township 9 South, Range 15 East  
API 43-013-32884
- Ashley Federal 4-26-9-15 well located in NW/4 NW/4, Section 26, Township 9 South, Range 15 East  
API 43-013-32900
- Monument Federal 33-6-9-16Y well located in NW/4 SE/4, Section 6, Township 9 South, Range 16 East  
API 43-013-31589
- Federal 11-13-9-16 well located in NE/4 SW/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32652
- Federal 15-19-9-16 well located in SW/4 SE/4, Section 19, Township 9 South, Range 16 East  
API 43-013-35152
- Federal 13-22-9-16 well located in SW/4 SW/4, Section 22, Township 9 South, Range 16 East  
API 43-013-33148
- Federal 7-24-9-16 well located in SW/4 NE/4, Section 24, Township 9 South, Range 16 East  
API 43-013-33085
- Federal 11-24-9-16 well located in NE/4 SW/4, Section 24, Township 9 South, Range 16 East  
API 43-013-33340
- Federal 3-27-9-16 well located in NE/4 NW/4, Section 27, Township 9 South, Range 16 East  
API 43-013-33352

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 10th day of April, 2012.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

/s/  
Brad Hill  
Permitting Manager  
783810

UPAXLP

<b>Total Amount</b>	<b>\$293.96</b>			
<b>Payment Amt</b>	<b>\$0.00</b>			
<b>Amount Due</b>	<b>\$293.96</b>	<b>0</b>	<b>0</b>	<b>1</b>

**Payment Method** **PO Number** UIC-390

**Confirmation Notes:**  
**Text:** Jean

<b>Ad Type</b>	<b>Ad Size</b>	<b>Color</b>
Legal Liner	2.0 X 86 Li	<NONE>

<u>Product</u>	<u>Placement</u>	<u>Position</u>
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
<b>Scheduled Date(s):</b>	04/14/2012	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
<b>Scheduled Date(s):</b>	04/14/2012	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
<b>Scheduled Date(s):</b>	04/14/2012	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
utahlegals.com::	utahlegals.com	utahlegals.com
<b>Scheduled Date(s):</b>	04/14/2012	



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

April 10, 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-390

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-390**

---

**From:** Cindy Kleinfelter <classifieds@ubstandard.com>  
**To:** Jean Sweet <jsweet@utah.gov>  
**Date:** 4/12/2012 12:15 PM  
**Subject:** Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-390

---

On 4/10/2012 1:40 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)

Hello. It will be in the April 17th 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

June 13, 2012

Newfield Production Company  
1001 Seventeenth Street, Suite 2000  
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Federal 7-24-9-16, Section 24, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33085

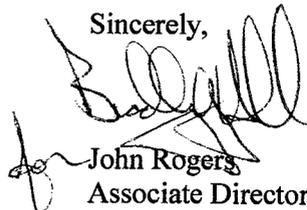
Gentlemen:

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 pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 3,720 feet in the Federal 7-24-9-16 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,



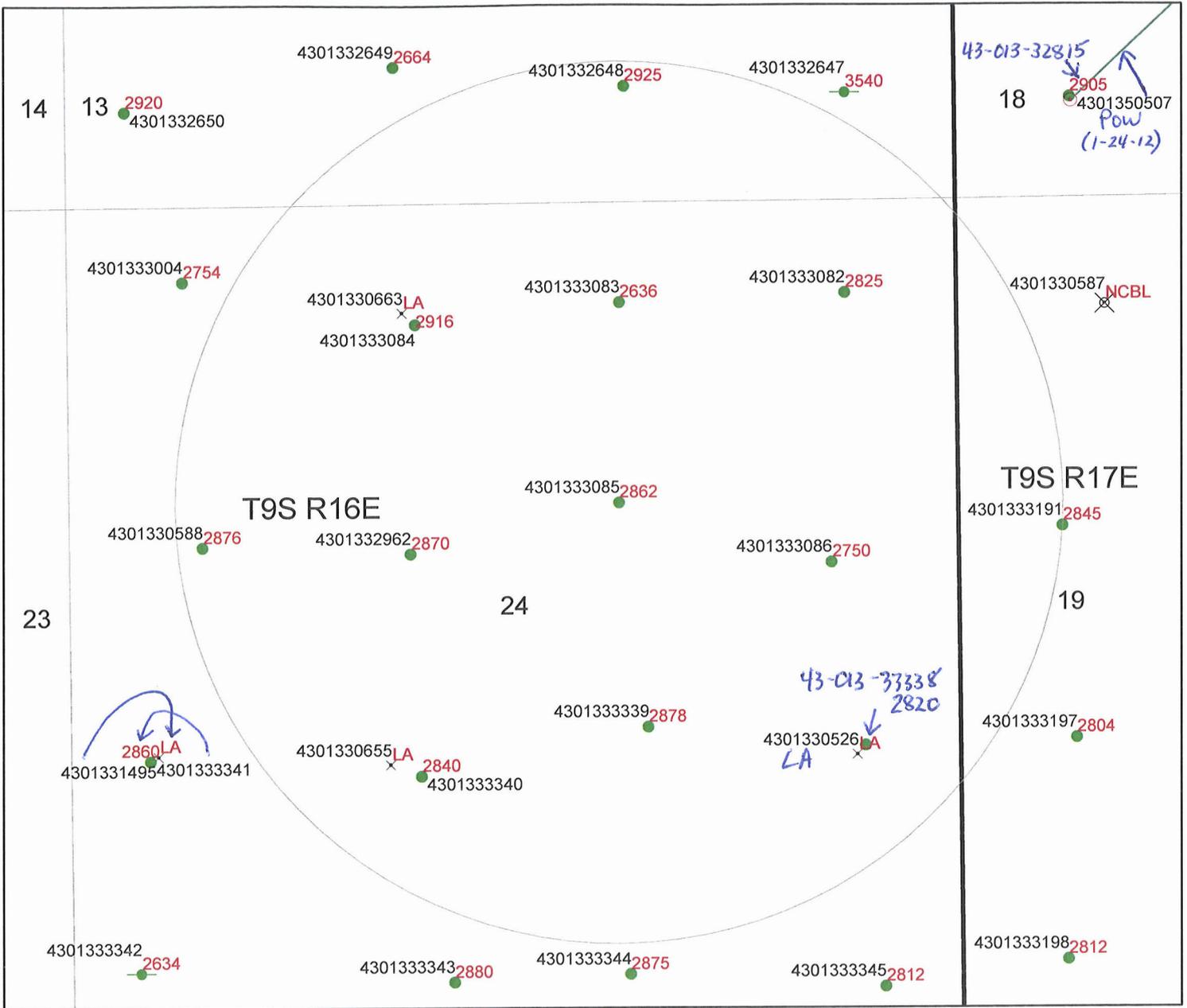
John Rogers  
Associate Director

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 7-24-9-16  
 API #43-013-33085  
 UIC 390.5

### Legend

- |   |   |
|---|---|
| Buffer_of_SGID93_ENERGY_DNROilGasWells_55 | PGW                                     |
| <b>SGID93.ENERGY.DNROilGasWells</b>       | POW                                     |
| <b>GIS_STAT_TYPE</b>                      | RET                                     |
| APD                                       | SGW                                     |
| DRL                                       | SOW                                     |
| GIW                                       | TA                                      |
| GSW                                       | TW                                      |
| LA  | WDW                                     |
| LOC                                       | WIW                                     |
| OPS                                       | WSW                                     |
| PA  | SGID93.BOUNDARIES.Counties              |
|   | • SGID93.ENERGY.DNROilGasWells_HDBottom |
|   | — SGID93.ENERGY.DNROilGasWells_HDPath   |
|   | • Wells-CbltopsMaster03_20_12           |



**DIVISION OF OIL, GAS AND MINING**  
**UNDERGROUND INJECTION CONTROL PROGRAM**  
**PERMIT**  
**STATEMENT OF BASIS**

**Applicant:** Newfield Production Company      **Well:** Federal 7-24-9-16

**Location:** 24/9S/16E      **API:** 43-013-33085

**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 321 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,722 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 2,862 feet. A 2 7/8 inch tubing with a packer will be set at 3,887 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 12 producing wells in the AOR. All of the wells have evidence of adequate casing and cement for the proposed injection interval.

**Ground Water Protection:** As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 1500 feet. Injection shall be limited to the interval between 3,720 feet and 5,677 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 7-24-9-16 well is 0.84 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,825 psig. The requested maximum pressure is 1,825 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

**Federal 7-24-9-16**  
**page 2**

**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 4/12/2012

<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-15855
<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 7-24-9-16
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013330850000
<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> 1790 FNL 2019 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 24 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: 7/10/2012	<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 07/03/2012. On 07/06/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/10/2012 the casing was pressured up to 1875 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 500 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:** July 16, 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> 7/11/2012	

# Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: \_\_\_\_\_ Date 7/10/12 Time 11:00  am  pm  
Test Conducted by: Cody Marx  
Others Present: \_\_\_\_\_

Well: ~~Federal 7-24-9-16~~ Field: Monument Butte  
Well Location: SW/NE Sec. 24, T9S, R16E API No: 43-013-33085

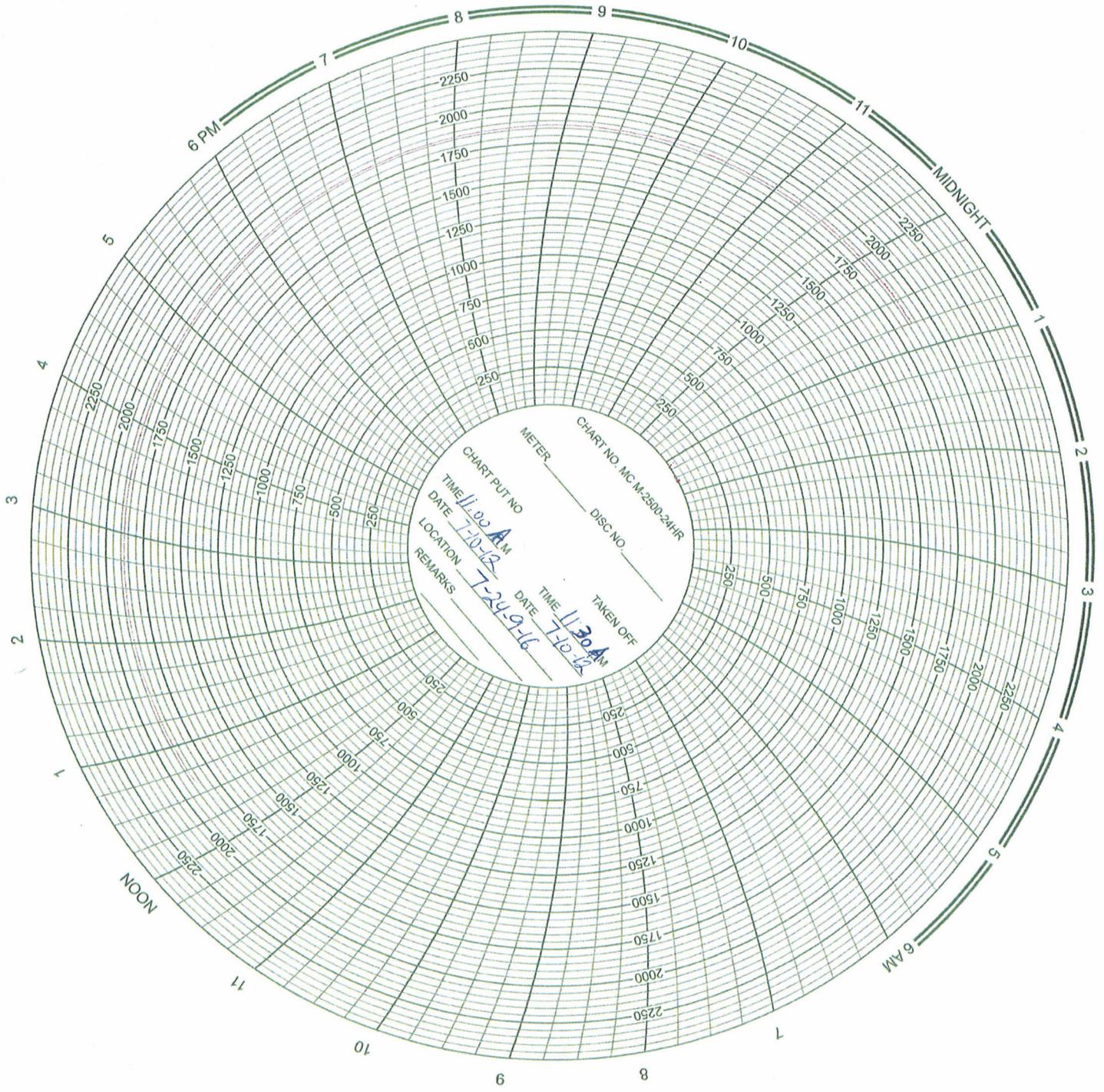
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1875</u>	psig
5	<u>1875</u>	psig
10	<u>1875</u>	psig
15	<u>1875</u>	psig
20	<u>1875</u>	psig
25	<u>1875</u>	psig
30 min	<u>1875</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 500 psig

Result:  **Pass**  **Fail**

Signature of Witness: \_\_\_\_\_  
Signature of Person Conducting Test: Cody Marx

Sundry Number: 27711 API Well Number: 43013330850000



## Daily Activity Report

Format For Sundry

**FEDERAL 7-24-9-16**

**5/1/2012 To 9/30/2012**

**7/2/2012 Day: 1**

**Conversion**

NC #3 on 7/2/2012 - MIRUSU, TOH & LD w/ rods. - ND wellhead. Release TA, NU BOP, RU rig floor. TOH breaking collars, inspecting pins, & applying liquid o-ring w/ 124- jts 2 7/8. LD 27- jts 2 7/8, TA, 1- jt 2 7/8, SN, 2- jts 2 7/8, NC. PU TIH w/ XN- nipple, Arrowset Pkr, on/off tool, 2 7/8 SN, 124- jts 2 7/8. Pump 10 bbls water down tbg & drop std valve. Pressure test tbg to 3000 psi w/ 20 bbls water. Leave pressure on tbg. SDFD. - Road rig to location. MIRUSU. Pump 60 bbls water @ 250 down csg. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250. Softseat & pressure test tbg to 3000 psi w/ 10 bbls water. Good test. TOH & LD w/ 101- 3/4 guided. Flush tbg & rods w/ 20 bbls water @ 250. Cont. TOH & LD w/ 68- 3/4 slick, 16- 3/4 guided, 6- wt bars, pump. X-over to tbg eq. SDFD. - ND wellhead. Release TA, NU BOP, RU rig floor. TOH breaking collars, inspecting pins, & applying liquid o-ring w/ 124- jts 2 7/8. LD 27- jts 2 7/8, TA, 1- jt 2 7/8, SN, 2- jts 2 7/8, NC. PU TIH w/ XN- nipple, Arrowset Pkr, on/off tool, 2 7/8 SN, 124- jts 2 7/8. Pump 10 bbls water down tbg & drop std valve. Pressure test tbg to 3000 psi w/ 20 bbls water. Leave pressure on tbg. SDFD. - ND wellhead. Release TA, NU BOP, RU rig floor. TOH breaking collars, inspecting pins, & applying liquid o-ring w/ 124- jts 2 7/8. LD 27- jts 2 7/8, TA, 1- jt 2 7/8, SN, 2- jts 2 7/8, NC. PU TIH w/ XN- nipple, Arrowset Pkr, on/off tool, 2 7/8 SN, 124- jts 2 7/8. Pump 10 bbls water down tbg & drop std valve. Pressure test tbg to 3000 psi w/ 20 bbls water. Leave pressure on tbg. SDFD. - Road rig to location. MIRUSU. Pump 60 bbls water @ 250 down csg. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250. Softseat & pressure test tbg to 3000 psi w/ 10 bbls water. Good test. TOH & LD w/ 101- 3/4 guided. Flush tbg & rods w/ 20 bbls water @ 250. Cont. TOH & LD w/ 68- 3/4 slick, 16- 3/4 guided, 6- wt bars, pump. X-over to tbg eq. SDFD. - Road rig to location. MIRUSU. Pump 60 bbls water @ 250 down csg. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250. Softseat & pressure test tbg to 3000 psi w/ 10 bbls water. Good test. TOH & LD w/ 101- 3/4 guided. Flush tbg & rods w/ 20 bbls water @ 250. Cont. TOH & LD w/ 68- 3/4 slick, 16- 3/4 guided, 6- wt bars, pump. X-over to tbg eq. SDFD. - ND wellhead. Release TA, NU BOP, RU rig floor. TOH breaking collars, inspecting pins, & applying liquid o-ring w/ 124- jts 2 7/8. LD 27- jts 2 7/8, TA, 1- jt 2 7/8, SN, 2- jts 2 7/8, NC. PU TIH w/ XN- nipple, Arrowset Pkr, on/off tool, 2 7/8 SN, 124- jts 2 7/8. Pump 10 bbls water down tbg & drop std valve. Pressure test tbg to 3000 psi w/ 20 bbls water. Leave pressure on tbg. SDFD. - Road rig to location. MIRUSU. Pump 60 bbls water @ 250 down csg. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250. Softseat & pressure test tbg to 3000 psi w/ 10 bbls water. Good test. TOH & LD w/ 101- 3/4 guided. Flush tbg & rods w/ 20 bbls water @ 250. Cont. TOH & LD w/ 68- 3/4 slick, 16- 3/4 guided, 6- wt bars, pump. X-over to tbg eq. SDFD. - Road rig to location. MIRUSU. Pump 60 bbls water @ 250 down csg. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250. Softseat & pressure test tbg to 3000 psi w/ 10 bbls water. Good test. TOH & LD w/ 101- 3/4 guided. Flush tbg & rods w/ 20 bbls water @ 250. Cont. TOH & LD w/ 68- 3/4 slick, 16- 3/4 guided, 6- wt bars, pump. X-over to tbg eq. SDFD. - ND wellhead. Release TA, NU BOP, RU rig floor. TOH breaking collars, inspecting pins, & applying liquid o-ring w/ 124- jts 2 7/8. LD 27- jts 2 7/8,

TA, 1- jt 2 7/8, SN, 2- jts 2 7/8, NC. PU TIH w/ XN- nipple, Arrowset Pkr, on/off tool, 2 7/8 SN, 124- jts 2 7/8. Pump 10 bbls water down tbg & drop std valve. Pressure test tbg to 3000 psi w/ 20 bbls water. Leave pressure on tbg. SDFD. **Finalized**

**Daily Cost: \$0**

**Cumulative Cost: \$6,572**

**7/3/2012 Day: 3**

**Conversion**

NC #3 on 7/3/2012 - Pressure test tbg & csg. - Repressure tbg to 3000 psi. Held solid for 1 hr. RD rig floor. ND BOP. NU wellhead. Pump 50 bbls fresh water w/ pkr fluid down csg. ND wellhead. Set Pkr w/ 15000 tension. NU wellhead. Fill csg w/ 10 bbls fresh water. Pressure test csg & pkr to 1500 psi for 1 hr. Good test. RDMOSU. READY FOR MIT!! - Repressure tbg to 3000 psi. Held solid for 1 hr. RD rig floor. ND BOP. NU wellhead. Pump 50 bbls fresh water w/ pkr fluid down csg. ND wellhead. Set Pkr w/ 15000 tension. NU wellhead. Fill csg w/ 10 bbls fresh water. Pressure test csg & pkr to 1500 psi for 1 hr. Good test. RDMOSU. READY FOR MIT!! - Repressure tbg to 3000 psi. Held solid for 1 hr. RD rig floor. ND BOP. NU wellhead. Pump 50 bbls fresh water w/ pkr fluid down csg. ND wellhead. Set Pkr w/ 15000 tension. NU wellhead. Fill csg w/ 10 bbls fresh water. Pressure test csg & pkr to 1500 psi for 1 hr. Good test. RDMOSU. READY FOR MIT!! **Finalized**

**Daily Cost: \$0**

**Cumulative Cost: \$114,850**

**7/11/2012 Day: 4**

**Conversion**

Rigless on 7/11/2012 - Conduct initial MIT - On 007/06/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/10/2012 the casing was pressured up to 1875 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 500 psig during the test. There was not a State representative available to witness the test. - On 007/06/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/10/2012 the casing was pressured up to 1875 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 500 psig during the test. There was not a State representative available to witness the test. - On 007/06/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/10/2012 the casing was pressured up to 1875 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 500 psig during the test. There was not a State representative available to witness the test. **Finalized**

**Daily Cost: \$0**

**Cumulative Cost: \$146,120**

**Pertinent Files: Go to File List**

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-15855
<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 Water Injection Well	8. WELL NAME and NUMBER: FEDERAL 7-24-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013330850000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1790 FNL 2019 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 24 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: 8/2/2012	<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 11:50 AM on  
08/02/2012

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

August 07, 2012

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 8/2/2012	

# FEDERAL 7-24-9-16

Spud Date: 10/08/07  
 Put on Production: 11/29/07  
 GL: 5582' KB: 5594'

## Injection Wellbore Diagram

### SURFACE CASING

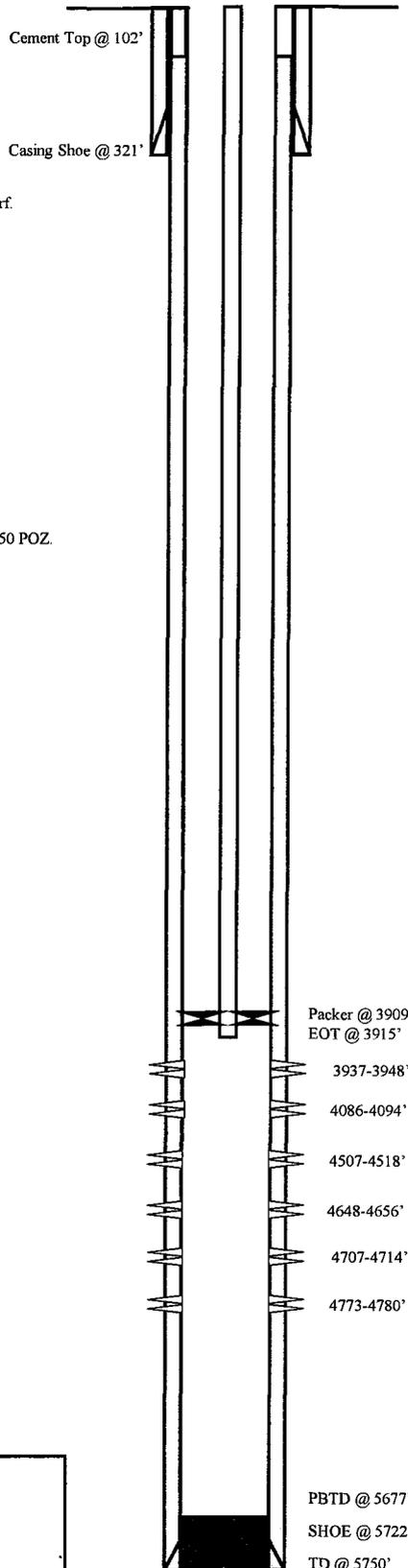
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (312.36')  
 DEPTH LANDED: 320.63' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 1- 160, sxs Class "G" cmt, 7 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 133 jts. (5708.82')  
 DEPTH LANDED: 5722.07' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP: 102'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 130 jts (3891.9')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 3903.9' KB  
 ON/OFF TOOL AT: 3905.0'  
 PACKER CE @ 3909.59'  
 XN NIPPLE: 3914'  
 TOTAL STRING LENGTH: EOT @ 3915' KB



### FRAC JOB

11/28/07 4773-4780'  11/28/07 4707-4714'  11/28/07 4648-4656'  11/28/07 4507-4518'  11/28/07 4086-4094'  11/28/07 3937-3948'  7/17/08 9/16/09 1/14/10 07/03/12 07/10/12	<b>Frac A.5 sands as follows:</b> 17251# 20/40 sand in 275 bbls Lightning 17 frac fluid. Treated @ avg press of 2409 psi w/avg rate of 23 BPM. ISIP 2414 psi. Calc flush: 4771 gal. Actual flush: 4326 gal.  <b>Frac B2 sands as follows:</b> 14724# 20/40 sand in 259 bbl Lightning 17 frac fluid. Treated @ avg press of 2302 psi w/avg rate of 23 BPM. ISIP 2046 psi. Calc flush: 4705 gal. Actual flush: 4242 gal.  <b>Frac B1 sands as follows:</b> 34965# 20/40 sand in 404 bbls Lightning 17 frac fluid. Treated @ avg press of 2184 psi w/avg rate of 23 BPM. ISIP 2285 psi. Calc flush: 4646 gal. Actual flush: 4200 gal.  <b>Frac D3 sands as follows:</b> 19882# 20/40 sand in 289 bbls Lightning 17 frac fluid. Treated @ avg press of 2096 psi w/avg rate of 23 BPM. ISIP 1854 psi. Calc flush: 4505 gal. Actual flush: 3990 gal.  <b>Frac PB8 sands as follows:</b> 39746# 20/40 sand in 382 bbls Lightning 17 frac fluid. Treated @ avg press of 2344 psi w/avg rate of 23 BPM. ISIP 2153 psi. Calc flush: 4084 gal. Actual flush: 3612 gal  <b>Frac GB6 sands as follows:</b> 9438# 20/40 sand in 219 bbls Lightning 17 frac fluid. Treated @ avg press of 2045 psi w/avg rate of 23 BPM. ISIP 1931 psi. Calc flush: 3935 gal. Actual flush: 3864 gal  <b>Pump Change.</b> Updated rod and tubing detail  <b>Pump Change.</b> Updated rod & tubing details.  <b>Tubing Leak.</b> Updated rod and tubing detail.  <b>Convert to Injection Well</b>  <b>Conversion MIT Finalized</b> – update tbg detail
---	--

### PERFORATION RECORD

4773-4780'	4 JSPF	28 holes
4707-4714'	4 JSPF	28 holes
4648-4656'	4 JSPF	32 holes
4507-4518'	4 JSPF	44 holes
4086-4094'	4 JSPF	32 holes
3937-3948'	4 JSPF	44 holes

**FEDERAL 7-24-9-16**  
 1790'FNL & 2019' FEL  
 SW/NE Section 24-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-33085; Lease # UTU-15855



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-390

**Operator:** Newfield Production Company  
**Well:** Federal 7-24-9-16  
**Location:** Section 24, Township 9 South, Range 16 East  
**County:** Duchesne  
**API No.:** 43-013-33085  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on June 13, 2012.
2. Maximum Allowable Injection Pressure: 1,825 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,720' – 5,677')
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

7-26-2012  
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



4770 S. 5600 W.  
 P.O. BOX 704005  
 WEST VALLEY CITY, UTAH 84170  
 FED.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	4/16/2012

RECEIVED  
 APR 26 2012

DIV OF OIL, GAS, & MINING

43  
 Federal 7-24-9-16  
 95  
 116E 24

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE#
8015385340	0000783810 /
SCHEDULE	
Start 04/14/2012	End 04/14/2012
CUST. REF. NO.	
UIC-390	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES	
SIZE	
86 Lines	2.00 COLUMNS
TIMES	RATE
4	
MISC. CHARGES	AD CHARGE
TOTAL COST	
293.96	

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH  
 NOTICE OF AGENCY ACTION  
 CAUSE NO. UIC-390

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 25, 24, 25, AND 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 16, 13, 19, 22, 24, AND 27, 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:

Ashley Federal 12-23-9-15 well located in NW/4 SW/4, Section 23, Township 9 South, Range 15 East  
 API 43-013-32850  
 Ashley Federal 10-24-9-15 well located in NW/4 SE/4, Section 24, Township 9 South, Range 15 East  
 API 43-013-15781  
 Ashley Federal 14-24-9-15 well located in SE/4 SW/4, Section 24, Township 9 South, Range 15 East  
 API 43-013-32821  
 Ashley Federal 16-24-9-15 well located in SE/4 SE/4, Section 24, Township 9 South, Range 15 East  
 API 43-013-32944  
 Ashley Federal 4-25-9-15 well located in NW/4 NW/4, Section 25, Township 9 South, Range 15 East  
 API 43-013-32884  
 Ashley Federal 4-26-9-15 well located in NW/4 NW/4, Section 26, Township 9 South, Range 15 East  
 API 43-013-32900  
 Monument Federal 33-6-9-16Y well located in NW/4 SE/4, Section 6, Township 9 South, Range 16 East  
 API 43-013-31599  
 Federal 11-13-9-16 well located in NE/4 SW/4, Section 13, Township 9 South, Range 16 East  
 API 43-013-32652  
 Federal 15-19-9-16 well located in SW/4 SE/4, Section 19, Township 9 South, Range 16 East  
 API 43-013-33162  
 Federal 13-22-9-16 well located in SW/4 SW/4, Section 22, Township 9 South, Range 16 East  
 API 43-013-33148  
 Federal 7-24-9-16 well located in SW/4 NE/4, Section 24, Township 9 South, Range 16 East  
 API 43-013-33085  
 Federal 11-24-9-16 well located in NE/4 SW/4, Section 24, Township 9 South, Range 16 East  
 API 43-013-33340  
 Federal 3-27-9-16 well located in NE/4 NW/4, Section 27, Township 9 South, Range 16 East  
 API 43-013-33352

The proceeding will be conducted in accordance with Utah Admin. Code R49-10, 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 intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 10th day of April, 2012.  
 STATE OF UTAH  
 DIVISION OF OIL, GAS & MINING  
 /s/ Brad Hill  
 Permitting Manager  
 783810

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES, CAUSE NO. UIC-390 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING, WAS COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS IN ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION IN UTAHLEGALS.COM INDEFINITELY.

Start 04/14/2012

End 04/14/2012

PUBLISHED ON

SIGNATURE

*[Handwritten Signature]*

4/16/2012

VIRGINIA CRAFT  
 Notary Public, State of Utah  
 Commission # 531469  
 My Commission Expires  
 January 17 2014



*[Handwritten Signature: Virginia Craft]*

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"

PLEASE PAY FROM BILLING STATEMENT

2250/REB/CGVIC ADMIN/6F12/6131

Send Payments to:  
 Uintah Basin Standard  
 268 S 200 E  
 Roosevelt, Utah 84066

Phone: 435-722-5131  
 Fax: 435-722-4140



Invoice Number      Invoice Date

29586      4/17/2012

Advertiser No.      Invoice Amount      Due Date

2080      \$161.05      5/17/2012

DIVISION OF OIL GAS & MINING  
 Rose Nolton  
 1594 W. N.TEMPLE STE 121  
 PO BOX 145801  
 SALT LAKE CITY, UT 84114-5801

RECEIVED  
 APR 20 2012  
 DIV. OF OIL, GAS & MINING

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. 29586      4/17/2012

Date	Order	Description	Ad Size	SubTotal	Sales Tax	Amount
4/17/2012	14839	UBS      UBS Legal Notice: Notice of Agency Action: Newfield UIC 390 Pub. April 17, 2012				\$161.05
				Sub Total:		\$161.05
				Total Transactions: 1	Total:	\$161.05

**SUMMARY**      Advertiser No.      2080      Invoice No.      29586

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!

2250 | REB | GG UIC ADMIN | GP12 | 6131

# AFFIDAVIT OF PUBLICATION

County of Duchesne,  
STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 17 day of April, 20 12, and that the last publication of such notice was in the issue of such newspaper dated the 17 day of April, 20 12, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

*Kevin Ashby*

Publisher

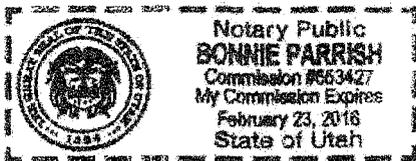
Subscribed and sworn to before me on this

18 day of April, 20 12

by Kevin Ashby.

*Bonnie Parrish*

Notary Public



## NOTICE OF AGENCY ACTION CAUSE NO. UIC-390

BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH.

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23, 24, 25, AND 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 6, 13, 19, 22, 24, AND 27, 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 EN-

Book; Antique Favorite Hair S Fitness Family P Eye Dent Chiropr Barber FAVO NOMINAT

19, Township 9 South, Range 16 East  
API 43-013-33162  
Federal 13-22-9-16 well located in SW/4 SW/4, Section 22, Township 9 South, Range 16 East

API 43-013-33148  
Federal 7-24-9-16 well located in SW/4 NE/4, Section 24, Township 9 South, Range 16 East

API 43-013-33085  
Federal 11-24-9-16 well located in NE/4 SW/4, Section 24, Township 9 South, Range 16 East

API 43-013-33340  
Federal 3-27-9-16 well located in NE/4 NW/4, Section 27, Township 9 South, Range 16 East

API 43-013-33352  
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 (801) 539-3333.

IN FREE

PRINT

TO NO

uintah