



February 9, 2004

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 1-4-9-18, 7-4-9-18, 9-4-9-18, and  
15-4-9-18.

Dear Diana:

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

Sincerely,

Mandie Crozier  
Regulatory Specialist

mc  
enclosures

RECEIVED

FEB 10 2004

DIV. OF OIL, GAS & MINING

001

Form 3160-3  
(September 2001)

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.  
U-17424

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 9-4-9-18

9. API Well No.  
43-047-35475

10. Field and Pool, or Exploratory  
Eight Mile Flat

11. Sec., T., R., M., or Blk. and Survey or Area  
NE/SE Sec. 4, T9S R18E

12. County or Parish  
Uintah

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  
Inland 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 NE/SE 2177' FSL 671' FEL 4434648Y 40.65867  
At proposed prod. zone 594605X - 109.89078

14. Distance in miles and direction from nearest town or post office\*  
Approximatley 20.7 miles southeast of Myton, Utah

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 671' #/lse, NA #/unit  
Approx. 2400'

16. No. of Acres in lease  
639.84

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. 2400'

19. Proposed Depth  
6500'

20. BLM/BIA Bond No. on file  
#4488944

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
4941' GL

22. Approximate date work will start\*  
2nd Quarter 2004

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

24. Attachments

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

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

25. Signature *Mandie Crozier* Name (Printed/Typed) Mandie Crozier Date 2/19/04

Title Regulatory Specialist

Approved by (Signature) *Bradley G. Hill* Name (Printed/Typed) BRADLEY G. HILL Date 02-12-04

Title ENVIRONMENTAL SCIENTIST III

**Federal Approval of this Action is Necessary**

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.

RECEIVED

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.

FEB 10 2004

\*(Instructions on reverse)



INLAND PRODUCTION COMPANY  
FEDERAL #9-4-9-18  
NE/SE SECTION 4, T9S, R18E  
UINTAH 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' – 1640' |
| Green River | 1640'      |
| Wasatch     | 6015'      |

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

Green River Formation 1640' – 6500' - 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 2000 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.

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 #03-154, 2/3/04. Paleontological Resource Survey prepared by, Wade E. Miller, 11/15/03. See attached report cover pages, Exhibit "D".

Inland Production Company requests a 60' ROW for the Federal #9-4-9-18 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.

Inland Production Company also requests a 60' ROW be granted for the Federal #9-4-9-18 to allow for construction of a 3" steel water injection line and a 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**

Please refer to the Monument Butte Field SOP.

**Reserve Pit Liner**

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, the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

|                   |                               |            |
|-------------------|-------------------------------|------------|
| Shadscale         | <i>Atriplex confertifolia</i> | 4 lbs/acre |
| Gardners Saltbush | <i>Atriplex corrugata</i>     | 4 lbs/acre |
| Galleta Grass     | <i>Hilaria jamesii</i>        | 4 lbs/acre |

**Details of the On-Site Inspection**

The proposed Federal #9-4-9-18 was on-sited on 8/20/03. The following were present; Brad Mecham (Inland Production), Byron Tolman (Bureau of Land Management), and a SWCA representative. Weather conditions were clear.

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

Representative

Name: Brad Mecham

Address: Route #3 Box 3630

**INLAND PRODUCTION COMPANY  
FEDERAL #9-4-9-18  
NE/SE SECTION 4, T9S, R18E  
UINTAH COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**MULTI-POINT SURFACE USE & OPERATIONS PLAN**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Inland Production Company well location site Federal #9-4-9-18 located in the NE 1/4 SE 1/4 Section 4, T9S, R18E, Uintah 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 its junction with an existing road to the southeast; proceed southeasterly - 3.6 miles  $\pm$  to its junction with an existing road to the east; proceed northeasterly - 1.7 miles  $\pm$  to its junction with an existing road to the northeast; proceed northeasterly - 2.1 miles  $\pm$  to its junction with the beginning of the proposed access road; proceed southeasterly along the proposed access road 535'  $\pm$  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**

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.

Myton, UT 84052

Telephone: (435) 646-3721

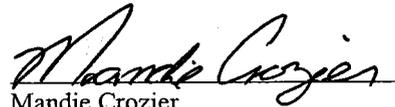
Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #9-4-9-18 NE/SE Section 4, Township 9S, Range 18E: Lease U-17424 Uintah 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 Inland 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.

2/19/04

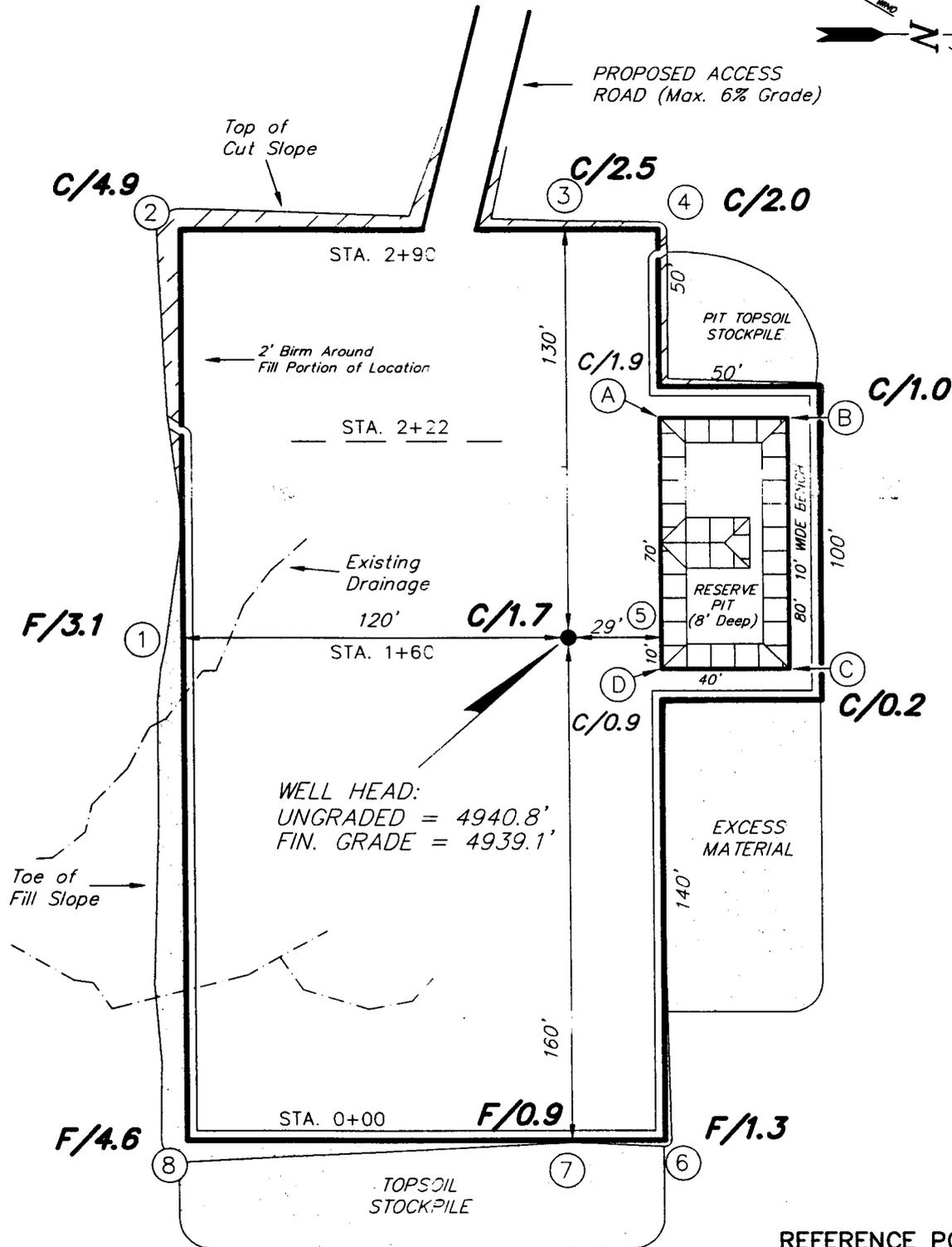
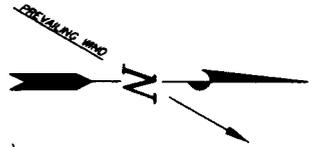
Date



Mandie Crozier  
Regulatory Specialist

# INLAND PRODUCTION COMPANY

FEDERAL 9-4-9-18  
 Section 4, T9S, R18E, S.L.B.&M.



### REFERENCE POINTS

- 210' EAST = 4937.1'
- 260' EAST = 4936.7'
- 170' SOUTH = 4934.1'
- 220' SOUTH = 4933.2'

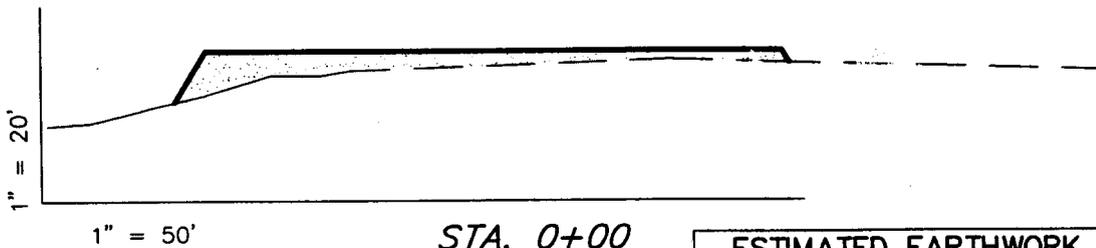
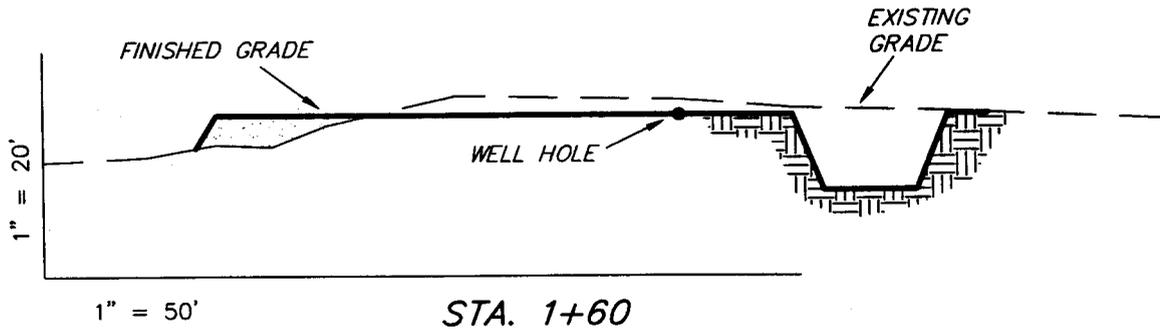
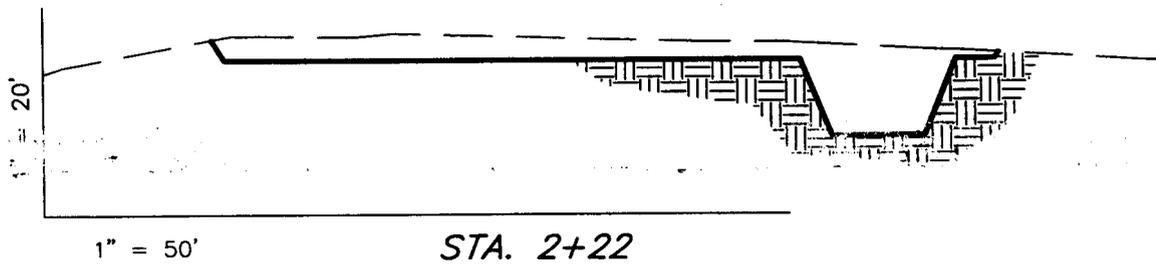
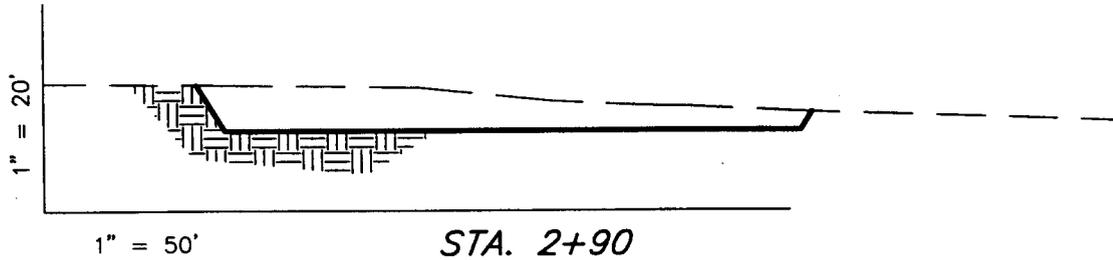
|                     |                 |
|---------------------|-----------------|
| SURVEYED BY: K.G.S. | SCALE: 1" = 50' |
| DRAWN BY: J.R.S.    | DATE: 3-9-03    |

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

# INLAND PRODUCTION COMPANY

## CROSS SECTIONS

FEDERAL 9-4-9-18



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

| ITEM   | CUT   | FILL  | 6" TOPSOIL                         | EXCESS |
|--------|-------|-------|------------------------------------|--------|
| PAD    | 1,670 | 1,670 | Topsoil is not included in Pad Cut | 0      |
| PIT    | 640   | 0     |                                    | 640    |
| TOTALS | 2,310 | 1,670 | 890                                | 640    |

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

SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

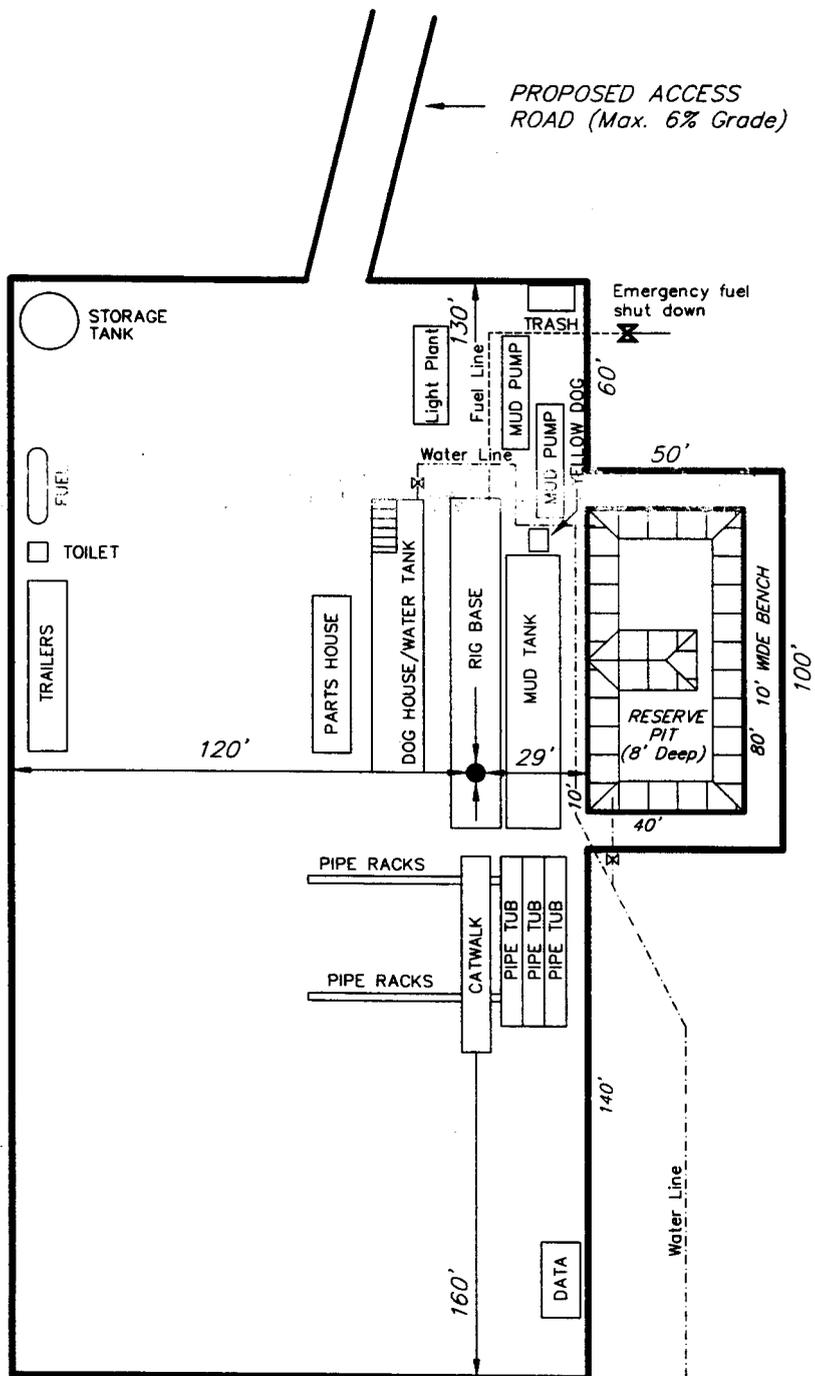
DATE: 10-9-03

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

# INLAND PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

FEDERAL 9-4-9-18



SURVEYED BY: K.G.S.

SCALE: 1" = 50'

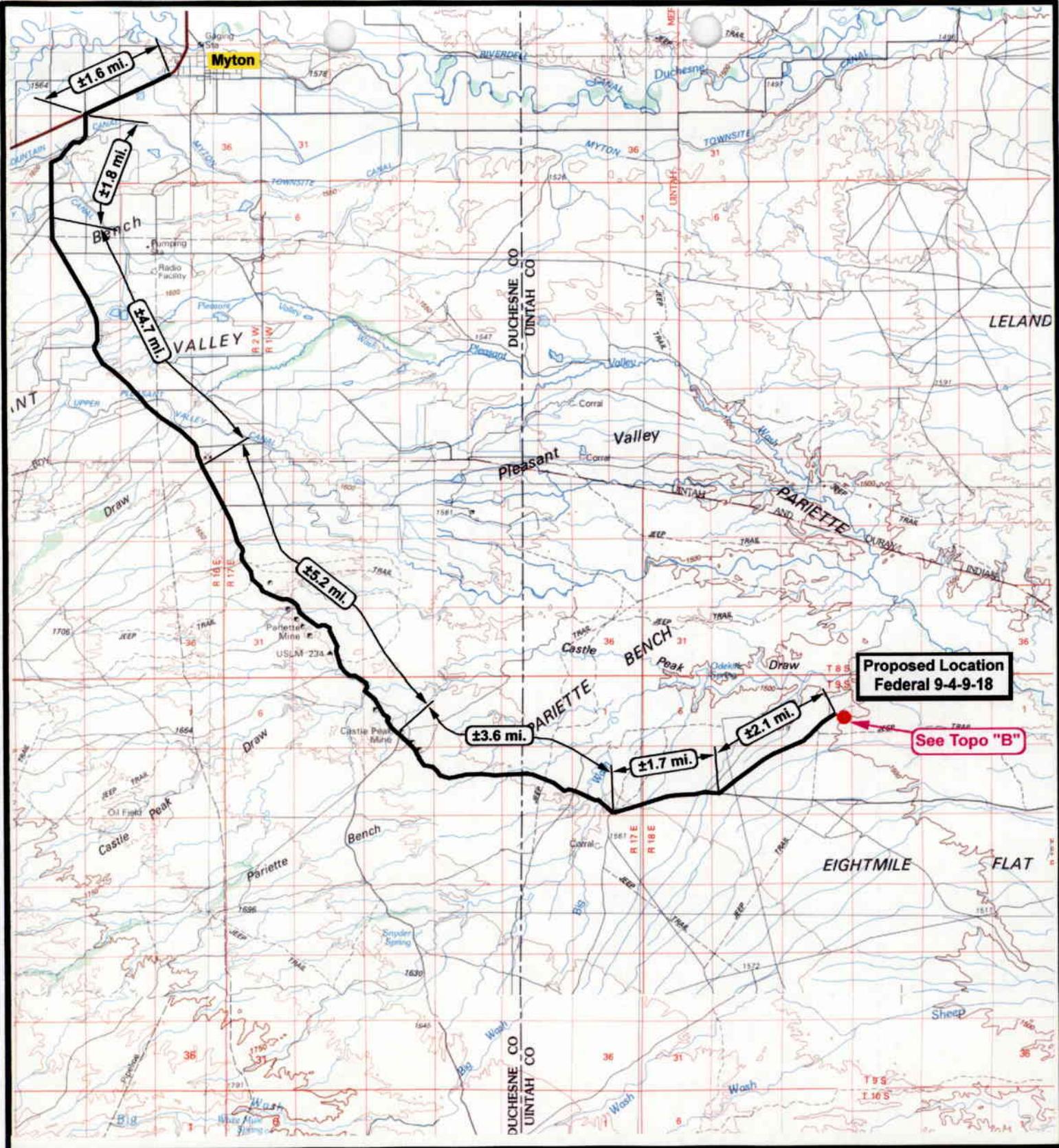
DRAWN BY: J.R.S.

DATE: 10-9-03

**Tri State**  
Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078



**Federal 9-4-9-18**  
**SEC. 4, T9S, R18E, S.L.B.&M.**



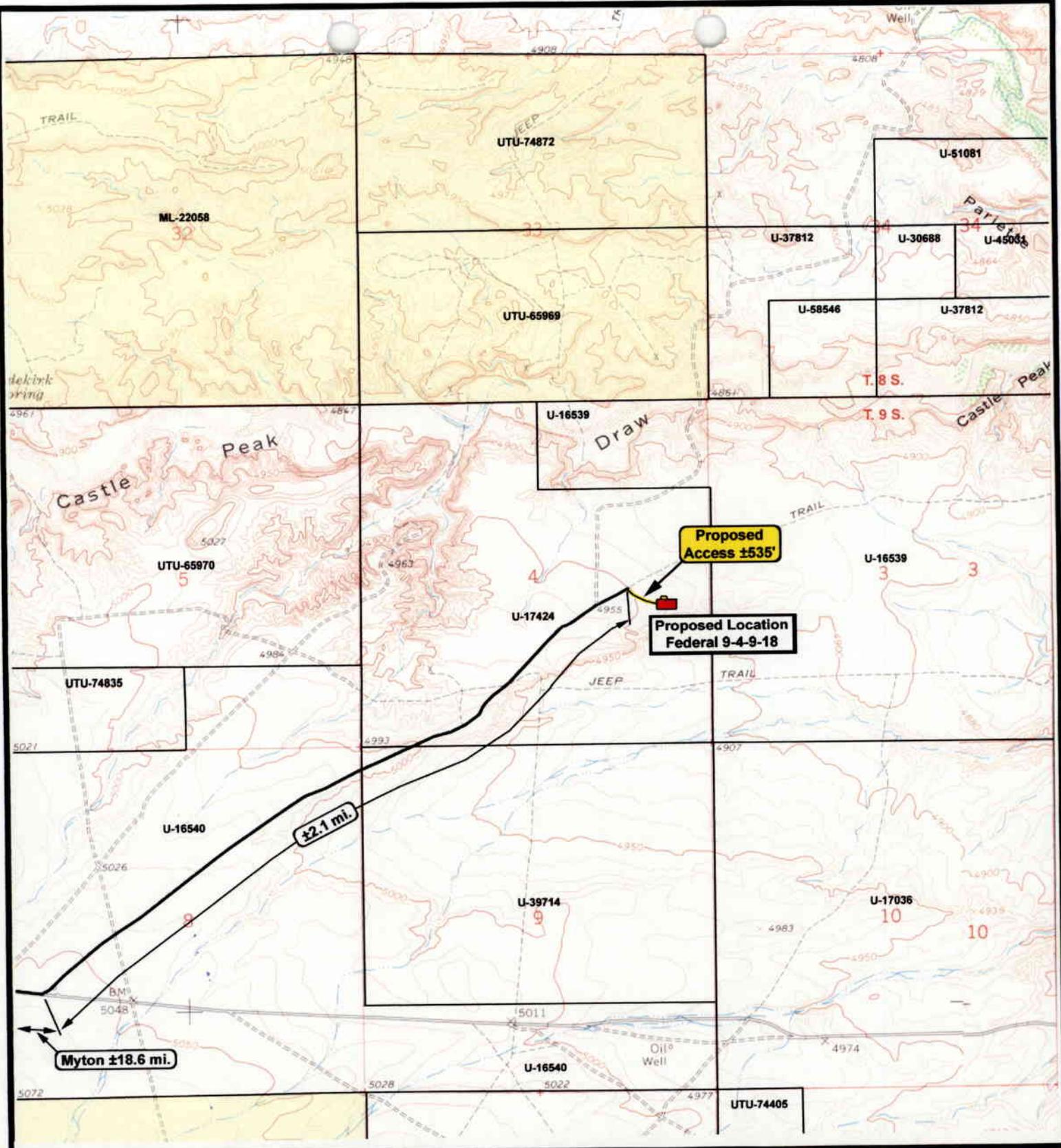
**Tri-State**  
*Land Surveying Inc.*  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 120,000  
 DRAWN BY: R.A.B.  
 DATE: 10-20-2003

**Legend**

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP  
**"A"**



**Federal 9-4-9-18**  
**SEC. 4, T9S, R18E, S.L.B.&M.**



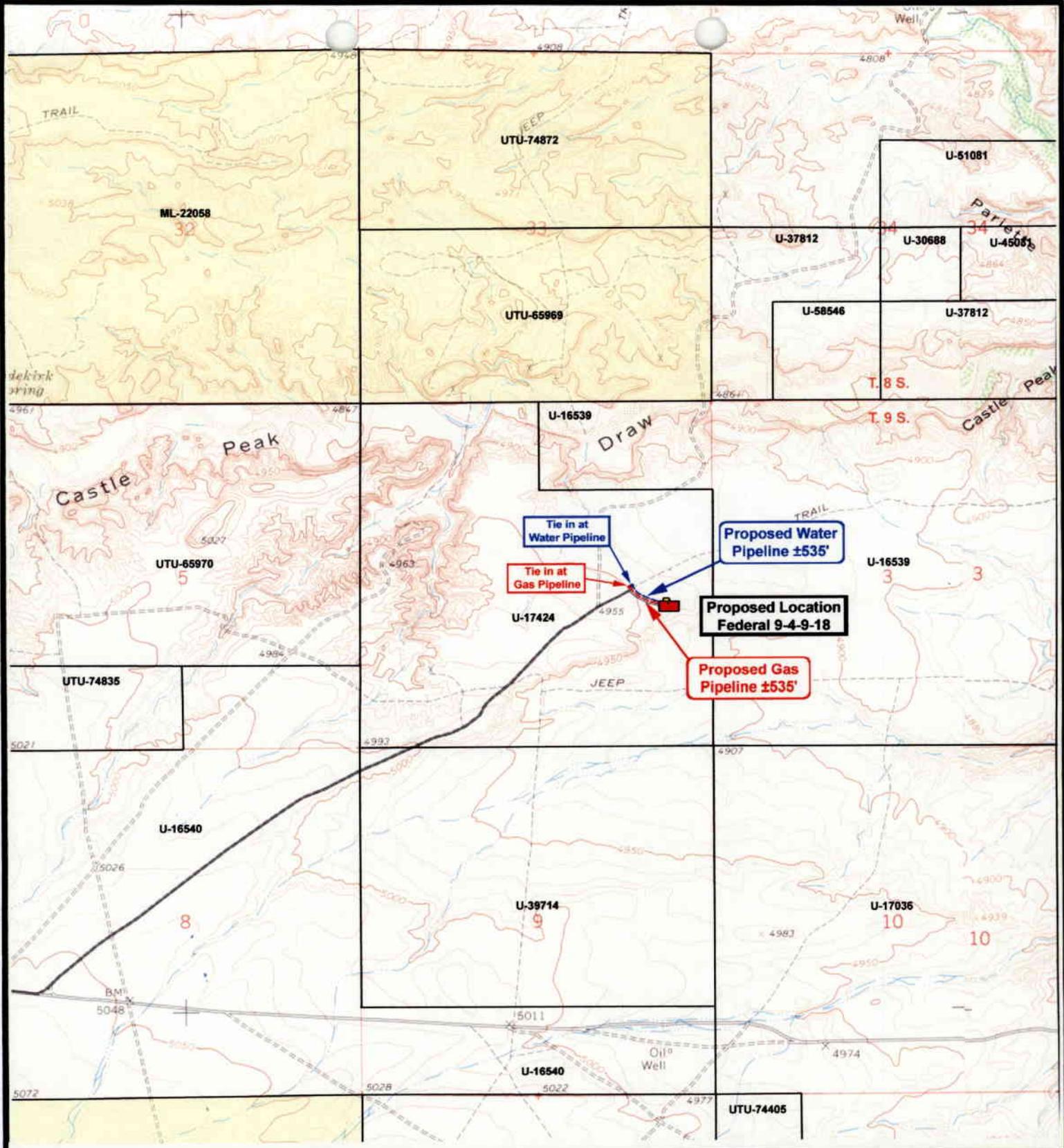
**Tri-State**  
*Land Surveying Inc.*  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
 DRAWN BY: R.A.B.  
 DATE: 10-20-2003

**Legend**

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP  
**"B"**



**Federal 9-4-9-18  
SEC. 4, T9S, R18E, S.L.B.&M.**



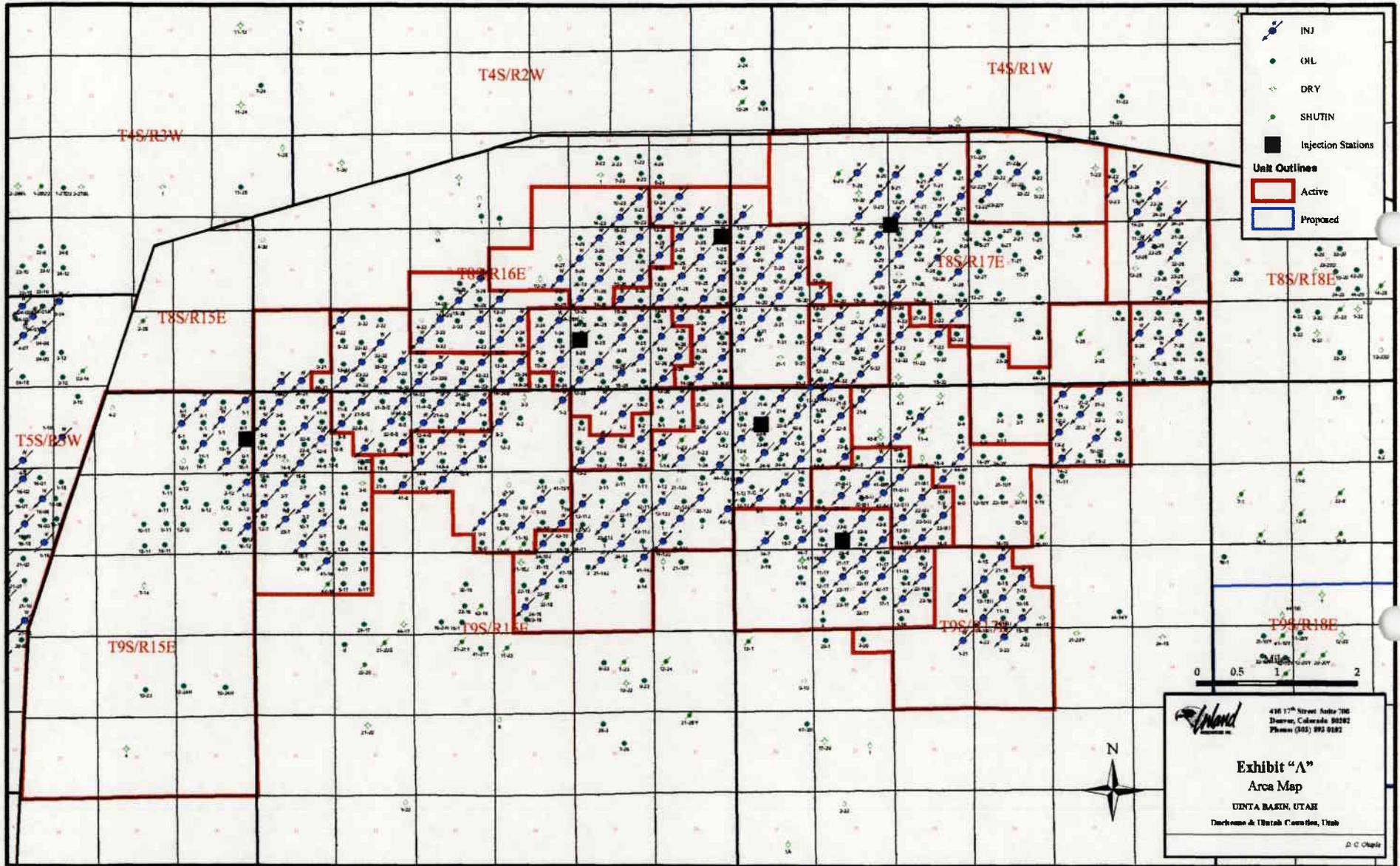
**Tri-State  
Land Surveying Inc.**  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: R.A.B.  
DATE: 10-28-2003

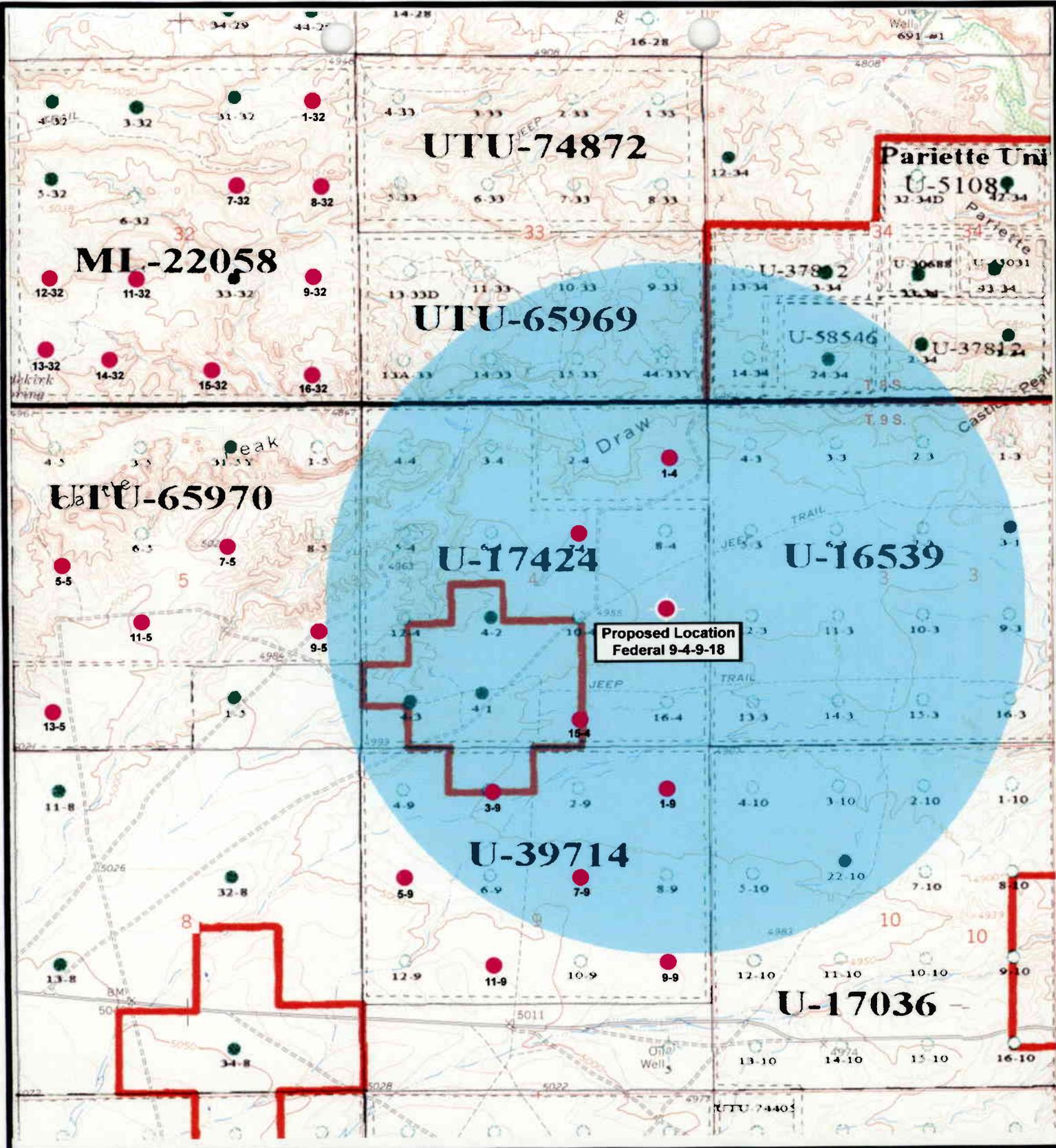
| Legend |                     |
|--------|---------------------|
|        | Roads               |
|        | Existing Gas Line   |
|        | Proposed Gas Line   |
|        | Existing Water Line |
|        | Proposed Water Line |

TOPOGRAPHIC MAP

**"C"**



January 15, 2003



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

**Legend**

- Well Locations
- One-Mile Radius

**Federal 9-4-9-18**  
**SEC. 4, T9S, R18E, S.L.B.&M.**

**SCALE: 1" = 2,000'**  
**DRAWN BY: R.A.B.**  
**DATE: 10-24-2003**

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

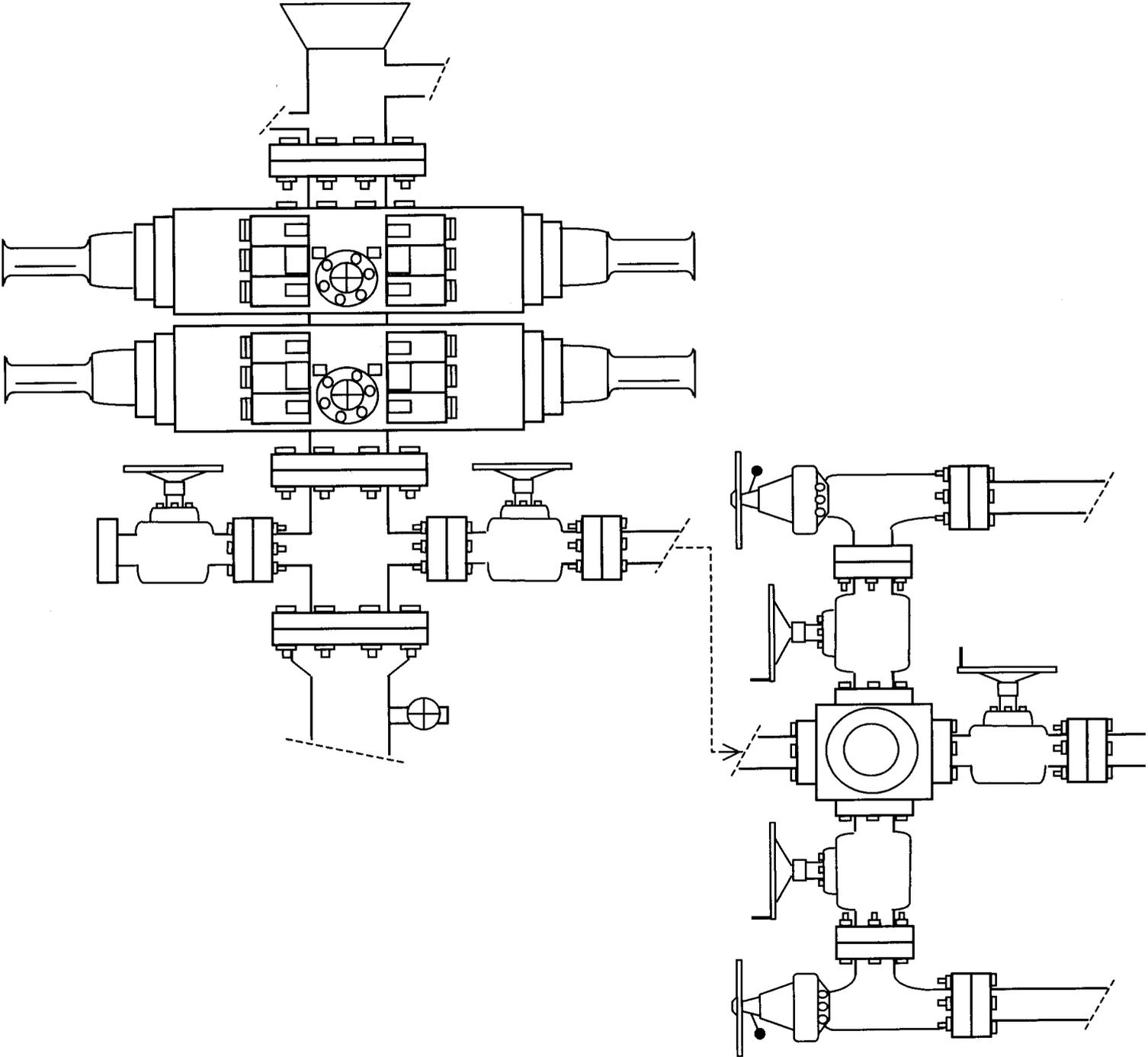


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF  
INLAND PRODUCTIONS PARCEL IN  
T 8 S, R18 E, SEC. 33 AND  
T 9 S, R 18 E, SEC. 3 & 4,  
UINTAH COUNTIES, UTAH

BY:

Katie Simon  
and  
Keith R. Montgomery

Prepared For:

Bureau of Land Management  
Vernal Field Office

Prepared Under Contract With:

Inland Production  
Route 3, Box 3630  
Myton, UT 84052

Prepared By:

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

MOAC Report No. 03-154

February 3, 2004

United States Department of Interior (FLPMA)  
Permit No. 03-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-03-MQ-0799b

**INLAND RESOURCES, INC.**

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

(Sections 3, 4, & 10, T 9 S, R 18 E; Section 7, T 9 S, R 19 E)

**REPORT OF SURVEY**

Prepared for:

**Inland Resources, Inc.**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
November 15, 2003

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/10/2004

API NO. ASSIGNED: 43-047-35475

WELL NAME: FEDERAL 9-4-9-18  
OPERATOR: INLAND PRODUCTION ( N5160 )  
CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:  
NESE 04 090S 180E  
SURFACE: 2177 FSL 0671 FEL  
BOTTOM: 2177 FSL 0671 FEL  
UINTAH  
8 MILE FLAT NORTH ( 590 )

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

LEASE TYPE: 1 - Federal  
LEASE NUMBER: U-17424  
SURFACE OWNER: 1 - Federal  
PROPOSED FORMATION: GRRV  
COALBED METHANE WELL? NO

LATITUDE: 40.05867  
LONGITUDE: 109.89078

RECEIVED AND/OR REVIEWED:

Plat

Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. 4488944 )

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)

LOCATION AND SITING:

R649-2-3.

Unit \_\_\_\_\_

R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells

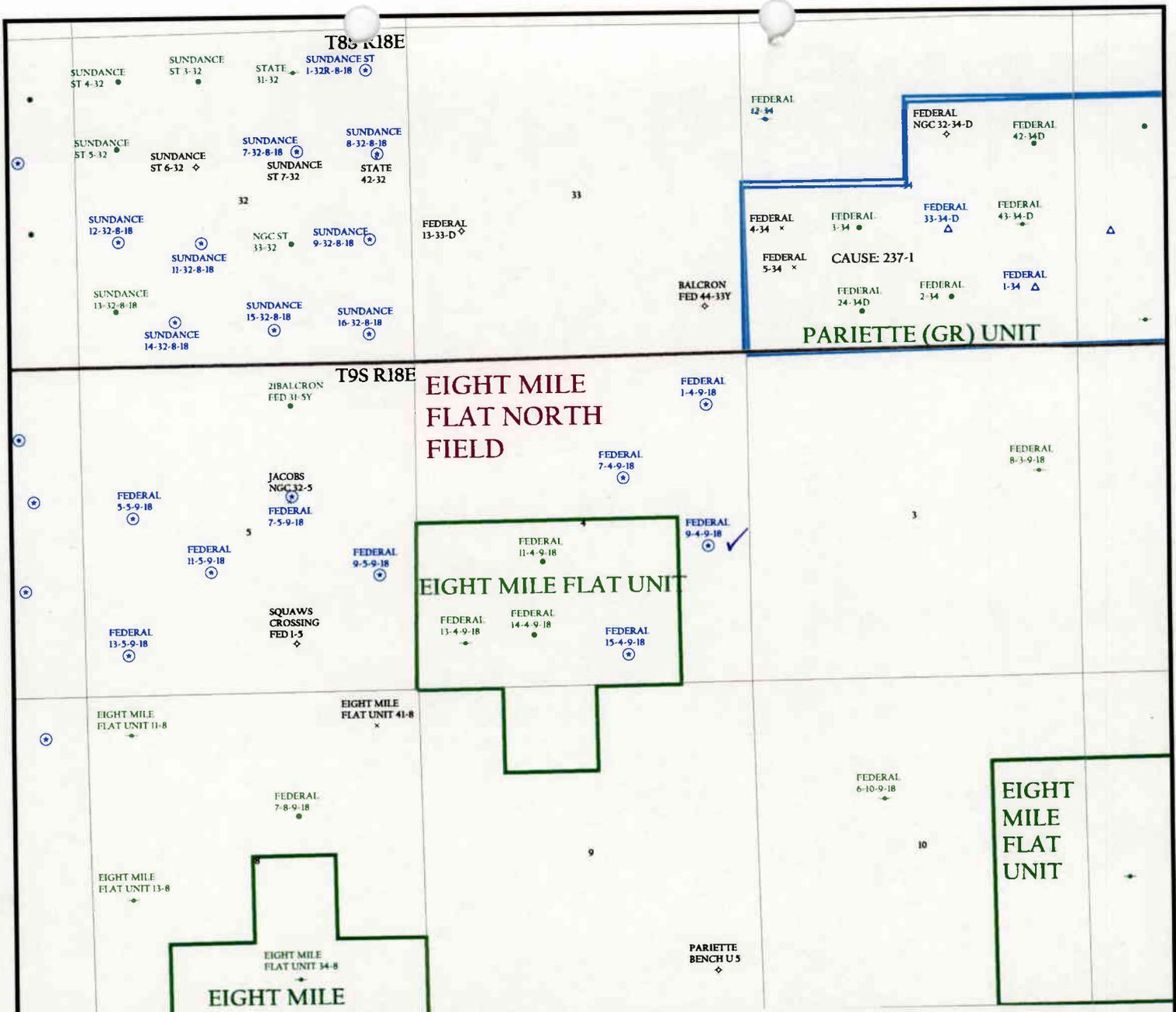
R649-3-3. Exception

Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_

R649-3-11. Directional Drill

COMMENTS: Sap, Separate file

STIPULATIONS: 1- Federal Approval  
2- Spacing Strip



OPERATOR: INLAND PROD CO (N5160)

SEC. 4 T.9S, R.18E

FIELD: EIGHT MILE NORTH FLAT (590)

COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING

**Wells**

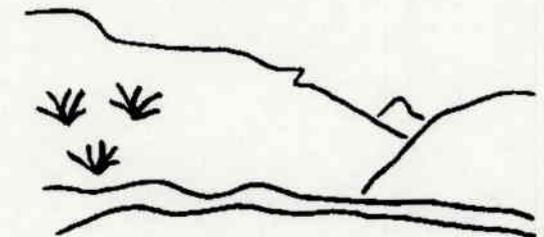
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- ⊙ NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- × TEMP. ABANDONED
- TEST WELL
- △ WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL

**Unit Status**

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

**Field Status**

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 11-FEBRUARY-2004

004



State of Utah

Department of  
Natural Resources

Division of  
Oil, Gas & Mining

ROBERT L. MORGAN  
*Executive Director*

LOWELL P. BRAXTON  
*Division Director*

MICHAEL O. LEAVITT  
*Governor*

OLENE S. WALKER  
*Lieutenant Governor*

February 12, 2004

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

Re: Federal 9-4-9-18 Well, 2177' FSL, 671' FEL, NE SE, Sec. 4, T. 9 South,  
R. 18 East, Uintah 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 43-047-35475.

Sincerely,

John R. Baza  
Associate Director

pab  
Enclosures

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

Operator: Inland Production Company  
Well Name & Number Federal 9-4-9-18  
API Number: 43-047-35475  
Lease: U-17424

Location: NE SE                      Sec. 4                      T. 9 South                      R. 18 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.

005

Form 3160-3  
(September 2001)

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

|  |
|--|
| 5. Lease Serial No.<br>U-17424   |
| 6. If Indian, Allottee or Tribe Name<br>N/A                                |
| 7. If Unit or CA Agreement, Name and No.<br>N/A                            |
| 8. Lease Name and Well No.<br>Federal 9-4-9-18                             |
| 9. API Well No.<br>43,047,35475  |
| 10. Field and Pool, or Exploratory<br>Eight Mile Flat                      |
| 11. Sec., T., R., M., or Blk. and Survey or Area<br>NE/SE Sec. 4, T9S R18E |
| 12. County or Parish<br>Uintah   |
| 13. State<br>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 NE/SE 2177' FSL 671' FEL  
At proposed prod. zone

14. Distance in miles and direction from nearest town or post office\*  
Approximatley 20.7 miles southeast of Myton, Utah

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 671' f/lse, NA f/unit

16. No. of Acres in lease  
639.84

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. 2400'

19. Proposed Depth  
6500'

20. BLM/BIA Bond No. on file  
#4488944 UT0056

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
4941' GL

22. Approximate date work will start\*  
2nd Quarter 2004

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. |

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DEC 06 2004

DIV. OF OIL, GAS & MINING

|   |  |                    |
|---|--|--------------------|
| 25. Signature<br><i>Mandie Crozier</i>            | Name (Printed/Typed)<br>Mandie Crozier | Date<br>2/9/04     |
| Title<br>Regulatory Specialist                    |  |                    |
| Approved by (Signature)<br><i>Thomas B. Leary</i> | Name (Printed/Typed)                   | Date<br>12/02/2004 |
| Title<br>Assistant Field Manager                  | 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)

NOTICE OF APPROVAL

UDOGM

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Newfield Production Company

Well Name & Number: Federal 9-4-9-18

API Number: 43-047-35475

Lease Number: U-17424

Location: NESE Sec. 4 T. 9S R. 18E

Agreement: N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

**CONDITIONS OF APPROVAL FOR NOTICE TO DRILL**

Approval of this application 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.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

**Please submit to this office, in LAS format, an electronic copy of all logs run on this well. This submission will replace the requirement for submittal of paper logs to the BLM.**

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman (435) 828-7874  
Petroleum Engineer

Kirk Fleetwood (435) 828-7875  
Petroleum Engineer

BLM FAX Machine (435) 781-4410

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

No construction or drilling shall be allowed during the burrowing owl nesting season (April 1 to Aug. 15), without first consulting the BLM biologist. If no nesting owls are found, drilling will be allowed.

Mountain Plover surveys would have to be conducted in accordance with the U.S. Fish and Wildlife Service Mountain Plover Survey Guidelines.

To reduce noise levels in the area, a hospital muffler or multi-cylinder engine shall be installed on the pumping unit.

**DIVISION OF OIL, GAS AND MINING****SPUDDING INFORMATION**Name of Company: INLAND PRODUCTION COMPANYWell Name: FEDERAL 9-4-9-18Api No: 43-047-35475 Lease Type: FEDERALSection 04 Township 09S Range 18E County UINTAHDrilling Contractor NDSI RIG # NS#1**SPUDDED:**Date 01/19/2005Time 8:00 AMHow DRY**Drilling will commence:** \_\_\_\_\_Reported by FLOYD MITCHELLTelephone # 1-435-823-3610Date 01/20/2005 Signed CHD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**008** **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 DRIPLE CASE - Other Distinctions 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 No. (include are code)  
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 2177 FSL 671 FEL  
 NE/SE    Section 4 T9S R18E

5. Lease Serial No.  
 UTU17424

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
 FEDERAL 9-4-9-18

9. API Well No.  
 4304735475

10. Field and Pool, or Exploratory Area  
 Monument Butte

11. County or Parish, State  
 Uintah, UT

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

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

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

On 01-19-05 MIRU NDSI NS # 1.Spud well @ 9:00 AM. Drill 310' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 312.42' KB On 01/20/05 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 5 bbls cement to pit. WOC.

RECEIVED  
 JAN 24 2005

DIV. OF OIL, GAS & MINING

|  |                              |
|--|------------------------------|
| I hereby certify that the foregoing is true and correct<br>Name (Printed/ Typed)<br>Floyd Mitchell | Title<br>Drilling Supervisor |
| Signature <i>Floyd Mitchell</i>  | Date<br>1/20/2005            |

**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

007

RECEIVED

JAN 26 2005

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

DIV. OF OIL, GAS & MINING

OPERATOR: INLAND  
NEWFIELD PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3830  
MYTON, UT 84062

OPERATOR ACCT. NO. N 5160  
N2885

PAGE 02

| ACTION CODE                   | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER   | WELL NAME                   | WELL LOCATION |    |    |     |          | SPUD DATE        | EFFECTIVE DATE |   |
|-------------------------------|--------------------|----------------|--------------|-----------------------------|---------------|----|----|-----|----------|------------------|----------------|---|
|                               |                    |                |              |                             | QQ            | SC | TP | RG  | COUNTY   |                  |                |   |
| <b>R</b>                      | 99999              | 12308          | 43-013-32374 | Sandwash Federal 11-19-8-17 | NE/SW         | 19 | 8S | 17E | Duchesne | January 13, 2005 | 1/31/05        | K |
| WELL 1 COMMENTS: <u>GRRU.</u> |                    |                |              |                             |               |    |    |     |          |                  |                |   |
| <b>A</b>                      | 99999              | 14528          | 43-047-35593 | Federal 8-4-9-18            | SENE          | 4  | 9S | 18E | Utah     | January 15, 2005 | 1/31/05        | K |
| WELL 2 COMMENTS: <u>GRRU</u>  |                    |                |              |                             |               |    |    |     |          |                  |                |   |
| <b>B</b>                      | 99999              | 14529          | 43-013-32373 | Fencelino Federal 6-19-8-17 | SE/NW         | 19 | 8S | 17E | Duchesne | January 17, 2005 | 1/31/05        | K |
| WELL 3 COMMENTS: <u>GRRU.</u> |                    |                |              |                             |               |    |    |     |          |                  |                |   |
| <b>A</b>                      | 99999              | 14530          | 43-047-35475 | Federal 9-4-9-18            | NE/SE         | 4  | 9S | 18E | Utah     | January 19, 2005 | 1/31/05        | K |
| WELL 4 COMMENTS: <u>GRRU</u>  |                    |                |              |                             |               |    |    |     |          |                  |                |   |
| <b>A</b>                      | 99999              | 14531          | 43-013-32456 | Ashley Federal 12-13-9-15   | NW/SW         | 13 | 9S | 15E | Duchesne | January 19, 2005 | 1/31/05        | K |
| WELL 5 COMMENTS: <u>GRRU</u>  |                    |                |              |                             |               |    |    |     |          |                  |                |   |

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

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

*Kebbie S. Jones*  
 Signature Kebbie S. Jones  
 Production Clerk  
 Title  
 January 26, 2005  
 Date

INLAND

4356463031

01/26/2005 14:47

(319)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

009

**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.

|  |  |   |
|--|--|---|
| 1. Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other |  | 5. Lease Serial No.<br>UTU17424                           |
| 2. Name of Operator<br>Newfield Production Company   |  | 6. If Indian, Allottee or Tribe Name.                     |
| 3a. Address<br>Route 3 Box 3630<br>Myton, UT 84052   | 3b. Phone No. (include are code)<br>435.646.3721 | 7. If Unit or CA/Agreement, Name and/or No.               |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>2177 FSL 671 FEL<br>NE/SE Section 4 T9S R18E           |  | 8. Well Name and No.<br>FEDERAL 9-4-9-18                  |
|  |  | 9. API Well No.<br>4304735475                             |
|  |  | 10. Field and Pool, or Exploratory Area<br>Monument Butte |
|  |  | 11. County or Parish, State<br>Uintah, UT                 |

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

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

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate 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 1/25/2005 MIRU Patterson Rig # 155. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 267'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6,005'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 141 jt's of 5.5 J-55, 15.5# csgn. Set @ 5994.57' / KB. Cement with 400sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. With all spacers returned to pit. Nipple down Bop's. Drop slips @ 85,000 #'s tension. Release rig 6:00 pm on 01-30-05.

RECEIVED  
FEB 04 2005  
DIV. OF OIL, GAS & MINING

|  |                              |
|--|------------------------------|
| I hereby certify that the foregoing is true and correct<br>Name (Printed/ Typed)<br>Floyd Mitchell | Title<br>Drilling Supervisor |
| Signature<br><i>Floyd Mitchell</i>   | Date<br>1/31/2005            |

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

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

(Instructions on reverse)

**NEWFIELD**



**RECEIVED**

**FEB 04 2005**

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

February 2, 2005

State of Utah, Division of Oil, Gas and Mining  
Attn: Ms. Carol Daniels  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Attn: Ms. Carol Daniels

Federal 6-12-9-17 (43-047-35749)  
~~Federal 9-4-9-18 (43-047-35475)~~

Dear Carol:

Enclosed are Well Completion or Recompletion Reports and Log form (Form 3160-4).  
These wells will not be completed in the near future, so we are reporting them as suspended operations.

If you should have any questions, please contact me at (303) 382-4449.

Sincerely,

Brian Harris  
Engineering Tech

Enclosures

cc: Bureau of Land Management  
Vernal District Office, Division of Minerals  
Attn: Edwin I. Forsman  
170 South 500 East  
Vernal, Utah 84078

Well File – Denver  
Well File – Roosevelt  
Patsy Barreau/Denver  
Bob Jewett/Denver  
Renee Palmer/Roosevelt

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

010

**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-17424**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**NA**

7. UNIT AGREEMENT NAME  
**8 Mile Flat Area**

8. FARM OR LEASE NAME, WELL NO.  
**Federal 9-4-9-18**

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 **2177' FSL & 671' FEL (NESE) Sec. 4, Twp 9S, Rng 18E**  
 At top prod. Interval reported below

9. WELL NO.  
**049  
43-043-35475**

10. FIELD AND POOL OR WILDCAT  
**Monument Butte**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
**Sec. 4, T9S, R18E**

14. API NO. **43-013-35475** DATE ISSUED **2/12/2004**

12. COUNTY OR PARISH **Uintah** 13. STATE **UT**

15. DATE SPUDDED **1/19/2005** 16. DATE T.D. REACHED **1/30/2005** 17. DATE COMPL. (Ready to prod.) **Suspend Operations** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **4941' GL** 19. ELEV. CASINGHEAD **4953' KB**

20. TOTAL DEPTH, MD & TVD **6005'** 21. PLUG BACK T.D., MD & TVD \_\_\_\_\_ 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY **----->** 23. INTERVALS ROTARY TOOLS **X** 23. INTERVALS CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*  
**Suspend Operations**

25. WAS DIRECTIONAL SURVEY MADE  
**No**

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

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#             | 312'           | 12-1/4"   | To surface with 160 sx Class "G" cmt    |               |
| 5-1/2" - J-55     | 15.5#           | 5995'          | 7-7/8"    | 400 sx Premlite II and 450 sx 50/50 Poz |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          |             |               |             | 2-7/8" | EOT @          | TA @            |

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

| INTERVAL | SIZE | SPF/NUMBER | DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|----------|------|------------|---------------------|----------------------------------|
|          |      |            |                     |                                  |
|          |      |            |                     |                                  |
|          |      |            |                     |                                  |
|          |      |            |                     |                                  |
|          |      |            |                     |                                  |
|          |      |            |                     |                                  |
|          |      |            |                     |                                  |
|          |      |            |                     |                                  |
|          |      |            |                     |                                  |
|          |      |            |                     |                                  |

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

**RECEIVED  
FEB 04 2005  
DIV. OF OIL, GAS & MINING**

33.\* PRODUCTION

DATE FIRST PRODUCTION **Suspend Operations** PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) \_\_\_\_\_ WELL STATUS (Producing or shut-in) **Suspend Operations**

| DATE OF TEST        | HOURS TESTED    | CHOKE SIZE              | PROD'N. FOR TEST PERIOD | OIL--BBL. | GAS--MCF.   | WATER--BBL.             | GAS-OIL RATIO |
|---------------------|-----------------|-------------------------|-------------------------|-----------|-------------|-------------------------|---------------|
| <b>10 day ave</b>   |                 |                         | →                       |           |             |                         | #VALUE!       |
| 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** TEST WITNESSED BY \_\_\_\_\_

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 Brian Harris TITLE Engineering Technician DATE 1/31/2005

BDH

\*(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, flowing and shut-in pressures, and recoveries).

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC.   | 38. GEOLOGIC MARKERS  |             |                  |
|-----------|-----|--------|-------------------------------|-----------------------|-------------|------------------|
|           |     |        |                               | NAME                  | MEAS. DEPTH | TRUE VERT. DEPTH |
|           |     |        | Well Name<br>Federal 9-4-9-18 | Garden Gulch Mkr      | 3754'       |                  |
|           |     |        |                               | Garden Gulch 1        | 3970'       |                  |
|           |     |        |                               | Garden Gulch 2        | 4086'       |                  |
|           |     |        |                               | Point 3 Mkr           | 4344'       |                  |
|           |     |        |                               | X Mkr                 | 4570'       |                  |
|           |     |        |                               | Y-Mkr                 | 4606'       |                  |
|           |     |        |                               | Douglas Creek Mkr     | 4741'       |                  |
|           |     |        |                               | BiCarbonate Mkr       | 4994'       |                  |
|           |     |        |                               | B Limestone Mkr       | 5127'       |                  |
|           |     |        |                               | Castle Peak           | 5534'       |                  |
|           |     |        |                               | Basal Carbonate       | 5946'       |                  |
|           |     |        |                               | Total Depth (LOGGERS) | 5995'       |                  |

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

011

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTL717424

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:  
FEDERAL 9-4-9-18

9. APT NUMBER:  
4304735475

10. FIELD AND POOL, OR WILDCAT:  
Monument Butte

COUNTY: Uintah

STATE: Utah

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR:  
Newfield Production Company

3. ADDRESS OF OPERATOR:  
Route 3 Box 3630 City Myton STATE UT zip 84052

PHONE NUMBER  
435.646.3721

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 2177 FSL. 671 FEL

OTR/OTR SECTION, TOWNSHIP, RANGE, MERIDIAN: NE/SE, 4, T9S, R18E

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

| TYPE OF SUBMISSION   | TYPE OF ACTION  |   |  |
|--|---|---|--|
|  | TYPE OF ACTION  | TYPE OF ACTION  | TYPE OF ACTION   |
| <input checked="" type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br>Approximate date work will<br><u>02/01/2005</u> | <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"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br>Date of Work Completion: _____                      | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARILY ABANDON                       |
|  | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR                             |
|  | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLAIR                             |
|  | <input type="checkbox"/> CHANGE WELL NAME               | <input type="checkbox"/> PLUG BACK                        | <input type="checkbox"/> WATER DISPOSAL                            |
|  | <input type="checkbox"/> CHANGE WELL STATUS             | <input type="checkbox"/> PRODUCTION (START/STOP)          | <input type="checkbox"/> WATER SHUT-OFF                            |
|  | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE         | <input checked="" type="checkbox"/> OTHER: - Monthly 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.

Operations Suspended

NAME (PLEASE PRINT) Kobbie Jones

TITLE Production Clerk

SIGNATURE \_\_\_\_\_

DATE February 09, 2005

(This space for State use only)

RECEIVED  
FEB 09 2005

OIL, GAS & MINING  
DIVISION

**NEWFIELD**



February 9, 2005

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

Dear Carol:

Please find enclosed "Sundry Notices and Reports on Wells" for the following wells:

South Wells Draw 13-3-9-16  
South Wells Draw 11-3-9-16  
Greater Boundary 10-26-8-17  
Greater Boundary 2-26-8-17  
Ashley 16-10-9-15  
Federal 2-31-8-18  
Sundance State 9-32-8-18  
Sundance State 16-32-8-18  
Federal 6-12-9-17  
**Federal 9-4-9-18**  
BlackJack Federal 15-10-9-17  
Canvasback 11-23-8-17

As we discussed, if these wells were on our Monthly Production Reports, I've removed them. I'll send in these monthly Operations Suspended Sundries until the wells are completed either as producers or injectors.

Please don't hesitate to contact me if you have any questions or require further assistance. I can be reached by phone @ (435) 646-4831 or by e-mail @ [kjones@newfld.com](mailto:kjones@newfld.com).

Sincerely

  
Kebbie S. Jones  
Production Clerk

Enclosures

cc: Newfield Exploration Rocky Mountain - Denver

/kj

RECEIVED

FEB 10 2005

DIV. OF OIL, GAS & MINING

012

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU17424

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 well: 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 9-4-9-18

2. NAME OF OPERATOR:  
Newfield Production Company

9. API NUMBER:  
4304735475

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: 2177 FSL 671 FEL

COUNTY: Uintah

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NE/SE, 4, T9S, R18E

STATE: Utah

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

TYPE OF ACTION

TYPE OF SUBMISSION

TYPE OF ACTION

NOTICE OF INTENT  
(Submit in Duplicate)

Approximate date work will

02/01/2005

SUBSEQUENT REPORT  
(Submit Original Form Only)

Date of Work Completion:

ACIDIZE

ALTER CASING

CASING REPAIR

CHANGE TO PREVIOUS PLANS

CHANGE TUBING

CHANGE WELL NAME

CHANGE WELL STATUS

COMMINGLE PRODUCING FORMATIONS

CONVERT WELL TYPE

DEEPEN

FRACTURE TREAT

NEW CONSTRUCTION

OPERATOR CHANGE

PLUG AND ABANDON

PLUG BACK

PRODUCTION (START/STOP)

RECLAMATION OF WELL SITE

RECOMPLETE - DIFFERENT FORMATION

REPERFORATE CURRENT FORMATION

SIDETRACK TO REPAIR WELL

TEMPORARILY ABANDON

TUBING REPAIR

VENT OR FLAIR

WATER DISPOSAL

WATER SHUT-OFF

OTHER: - Monthly Status Report

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

Operations Suspended

NAME (PLEASE PRINT) Kobbie Jones

TITLE Production Clerk

SIGNATURE *Kobbie Jones*

DATE February 09, 2005

(This space for State use only)

RECEIVED

FEB 10 2005

DIV. OF OIL, GAS & MINING

013

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

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FEDERAL 9-4-9-18

9. API NUMBER:  
4304735475

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Monument Butte

### SUNDRY NOTICES AND REPORTS ON WELLS

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1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR:  
Newfield Production Company

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

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 2177 FSL 671 FEL

COUNTY: Uintah

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NE/SE, 4, T9S, R18E

STATE: Utah

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| TYPE OF SUBMISSION  | TYPE OF ACTION  |   |  |
|---|---|---|--|
|   | ACIDIZE   | DEEPEN  | REPERFORATE CURRENT FORMATION                                      |
| <input checked="" type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br>Approximate date work will<br>02/01/2005 | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL                  |
| <input type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br>Date of Work Completion:                     | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARILY ABANDON                       |
|   | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR                             |
|   | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLAIR                             |
|   | <input type="checkbox"/> CHANGE WELL NAME               | <input type="checkbox"/> PLUG BACK                        | <input type="checkbox"/> WATER DISPOSAL                            |
|   | <input type="checkbox"/> CHANGE WELL STATUS             | <input type="checkbox"/> PRODUCTION (START/STOP)          | <input type="checkbox"/> WATER SHUT-OFF                            |
|   | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE         | <input checked="" type="checkbox"/> OTHER: - Monthly Status Report |
|   | <input type="checkbox"/> CONVERT WELL TYPE              | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION |  |

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Operations Suspended

NAME (PLEASE PRINT) Kebbie Jones TITLE Production Clerk

SIGNATURE *Kebbie Jones* DATE February 09, 2005

(This space for State use only)

RECEIVED  
FEB 16 2005  
DIV. OF OIL, GAS AND MINING

# NEWFIELD



March 7, 2005

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

Dear Carol:

Please find enclosed "Sundry Notices and Reports on Wells" for the following wells:

South Wells Draw 13-3-9-16  
South Wells Draw 11-3-9-16  
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**Federal 9-4-9-18**  
BlackJack Federal 15-10-9-17  
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As we discussed, if these wells were on our Monthly Production Reports, I've removed them. I'll send in these monthly Operations Suspended Sundries until the wells are completed either as producers or injectors.

Please don't hesitate to contact me if you have any questions or require further assistance. I can be reached by phone @ (435) 646-4831 or by e-mail @ [kjones@newfld.com](mailto:kjones@newfld.com).

Sincerely,

  
Kebbie S. Jones  
Production Clerk

Enclosures

cc: Newfield Exploration Rocky Mountain - Denver

/kj

RECEIVED

MAR 09 2005

DIV. OF OIL, GAS & MINING

014

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU17424

SUNDRY NOTICES AND REPORTS ON WELLS

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8. WELL NAME and NUMBER:  
FEDERAL 9-4-9-18

2. NAME OF OPERATOR:  
Newfield Production Company

9. API NUMBER:  
4304735475

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: 2177 FSL 671 FEL

COUNTY: Uintah

STATE: Utah

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NE/SE, 4, T9S, R18E

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| TYPE OF SUBMISSION   | TYPE OF ACTION  |   |  |
|--|---|---|--|
|  | ACIDIZE   | DEEPEN  | REPERFORATE CURRENT FORMATION                                      |
| <input checked="" type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br>Approximate date work will<br><u>03/01/2005</u> | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL                  |
| <input type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br>Date of Work Completion:                            | <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                             |
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Operations Suspended

RECEIVED  
MAR 09 2005  
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Kebbie Jones

TITLE Production Clerk

SIGNATURE *Kebbie Jones*

DATE March 07, 2005

(This space for State use only)

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

|         |
|---------|
| 1. GLH  |
| 2. CDW  |
| 3. FILE |

**015**

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

**Merger**

The operator of the well(s) listed below has changed, effective: **9/1/2004**

|   |  |
|---|--|
| <b>FROM: (Old Operator):</b><br>N5160-Inland Production Company<br>Route 3 Box 3630<br>Myton, UT 84052<br>Phone: 1-(435) 646-3721 | <b>TO: ( New Operator):</b><br>N2695-Newfield Production Company<br>Route 3 Box 3630<br>Myton, UT 84052<br>Phone: 1-(435) 646-3721 |
|---|--|

**CA No. Unit:**

| <b>WELL(S)</b>     |             |      |      |            |           |            |           |             |  |   |
|--------------------|-------------|------|------|------------|-----------|------------|-----------|-------------|--|---|
| NAME               | SEC TWN RNG |      |      | API NO     | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |  |   |
| FEDERAL 16-1-9-17  | 01          | 090S | 170E | 4304735496 | 14481     | Federal    | OW        | DRL         |  | K |
| FEDERAL 16-11-9-17 | 11          | 090S | 170E | 4304735497 | 99999     | Federal    | OW        | DRL         |  | K |
| FEDERAL 14-11-9-17 | 11          | 090S | 170E | 4304735498 |           | Federal    | OW        | APD         |  | K |
| FEDERAL 10-11-9-17 | 11          | 090S | 170E | 4304735500 |           | Federal    | OW        | APD         |  | K |
| FEDERAL 8-11-9-17  | 11          | 090S | 170E | 4304735501 |           | Federal    | OW        | DRL         |  | K |
| FEDERAL 2-11-9-17  | 11          | 090S | 170E | 4304735502 |           | Federal    | OW        | DRL         |  | K |
| FEDERAL 16-12-9-17 | 12          | 090S | 170E | 4304735516 |           | Federal    | OW        | DRL         |  | K |
| FEDERAL 14-12-9-17 | 12          | 090S | 170E | 4304735517 | 14500     | Federal    | OW        | DRL         |  | K |
| FEDERAL 12-12-9-17 | 12          | 090S | 170E | 4304735518 | 14497     | Federal    | OW        | DRL         |  | K |
| FEDERAL 10-12-9-17 | 12          | 090S | 170E | 4304735519 | 14482     | Federal    | OW        | DRL         |  | K |
| FEDERAL 4-12-9-17  | 12          | 090S | 170E | 4304735520 | 14553     | Federal    | OW        | DRL         |  | K |
| FEDERAL 1-4-9-18   | 04          | 090S | 180E | 4304735473 | 14533     | Federal    | OW        | DRL         |  | K |
| FEDERAL 7-4-9-18   | 04          | 090S | 180E | 4304735474 | 14499     | Federal    | OW        | DRL         |  | K |
| FEDERAL 9-4-9-18   | 04          | 090S | 180E | 4304735475 | 14530     | Federal    | OW        | DRL         |  | K |
| FEDERAL 15-4-9-18  | 04          | 090S | 180E | 4304735476 |           | Federal    | OW        | APD         |  | K |
| FEDERAL 14-5-9-18  | 05          | 090S | 180E | 4304735505 |           | Federal    | OW        | APD         |  | K |
| FEDERAL 12-5-9-18  | 05          | 090S | 180E | 4304735506 |           | Federal    | OW        | APD         |  | K |
| FEDERAL 12-7-9-18  | 07          | 090S | 180E | 4304735503 |           | Federal    | OW        | APD         |  | K |
| FEDERAL 8-7-9-18   | 07          | 090S | 180E | 4304735504 |           | Federal    | OW        | APD         |  | K |
| FEDERAL 3-17-9-18  | 17          | 090S | 180E | 4304735560 |           | Federal    | OW        | APD         |  | K |
|                    |             |      |      |            |           |            |           |             |  |   |
|                    |             |      |      |            |           |            |           |             |  |   |

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
- Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
- If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

**DATA ENTRY:**

- 1. Changes entered in the Oil and Gas Database on: 2/28/2005
- 2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 2/28/2005
- 3. Bond information entered in RBDMS on: 2/28/2005
- 4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
- 5. Injection Projects to new operator in RBDMS on: 2/28/2005
- 6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 0056

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 61BSBDH2912

**FEE & STATE WELL(S) BOND VERIFICATION:**

- 1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
- 2. The FORMER operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

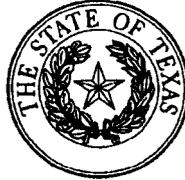
**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

Corporations Section  
P.O.Box 13697  
Austin, Texas 78711-3697



Geoffrey S. Connor  
Secretary of State

## Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer



# United States Department of the Interior



## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>

IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare

|              |        |        |        |       |        |
|--------------|--------|--------|--------|-------|--------|
| <b>UTSL-</b> | 15855  | 61052  | 73088  | 76561 |        |
| 071572A      | 16535  | 62848  | 73089  | 76787 |        |
| 065914       | 16539  | 63073B | 73520A | 76808 |        |
|              | 16544  | 63073D | 74108  | 76813 |        |
|              | 17036  | 63073E | 74805  | 76954 | 63073X |
|              | 17424  | 63073O | 74806  | 76956 | 63098A |
|              | 18048  | 64917  | 74807  | 77233 | 68528A |
| <b>UTU-</b>  | 18399  | 64379  | 74808  | 77234 | 72086A |
|              | 19267  | 64380  | 74389  | 77235 | 72613A |
| 02458        | 26026A | 64381  | 74390  | 77337 | 73520X |
| 03563        | 30096  | 64805  | 74391  | 77338 | 74477X |
| 03563A       | 30103  | 64806  | 74392  | 77339 | 75023X |
| 04493        | 31260  | 64917  | 74393  | 77357 | 76189X |
| 05843        | 33992  | 65207  | 74398  | 77359 | 76331X |
| 07978        | 34173  | 65210  | 74399  | 77365 | 76788X |
| 09803        | 34346  | 65635  | 74400  | 77369 | 77098X |
| 017439B      | 36442  | 65967  | 74404  | 77370 | 77107X |
| 017985       | 36846  | 65969  | 74405  | 77546 | 77236X |
| 017991       | 38411  | 65970  | 74406  | 77553 | 77376X |
| 017992       | 38428  | 66184  | 74411  | 77554 | 78560X |
| 018073       | 38429  | 66185  | 74805  | 78022 | 79485X |
| 019222       | 38431  | 66191  | 74806  | 79013 | 79641X |
| 020252       | 39713  | 67168  | 74826  | 79014 | 80207X |
| 020252A      | 39714  | 67170  | 74827  | 79015 | 81307X |
| 020254       | 40026  | 67208  | 74835  | 79016 |        |
| 020255       | 40652  | 67549  | 74868  | 79017 |        |
| 020309D      | 40894  | 67586  | 74869  | 79831 |        |
| 022684A      | 41377  | 67845  | 74870  | 79832 |        |
| 027345       | 44210  | 68105  | 74872  | 79833 |        |
| 034217A      | 44426  | 68548  | 74970  | 79831 |        |
| 035521       | 44430  | 68618  | 75036  | 79834 |        |
| 035521A      | 45431  | 69060  | 75037  | 80450 |        |
| 038797       | 47171  | 69061  | 75038  | 80915 |        |
| 058149       | 49092  | 69744  | 75039  | 81000 |        |
| 063597A      | 49430  | 70821  | 75075  |       |        |
| 075174       | 49950  | 72103  | 75078  |       |        |
| 096547       | 50376  | 72104  | 75089  |       |        |
| 096550       | 50385  | 72105  | 75090  |       |        |
|              | 50376  | 72106  | 75234  |       |        |
|              | 50750  | 72107  | 75238  |       |        |
| 10760        | 51081  | 72108  | 76239  |       |        |
| 11385        | 52013  | 73086  | 76240  |       |        |
| 13905        | 52018  | 73087  | 76241  |       |        |
| 15392        | 58546  | 73807  | 76560  |       |        |

**NEWFIELD**



April 5, 2005

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

Dear Carol:

Please find enclosed "Sundry Notices and Reports on Wells" for the following wells:

South Wells Draw 13-3-9-16 – last report, well on production March 6, 2005  
South Wells Draw 11-3-9-16 – last report, well on production March 29, 2005  
Greater Boundary 10-26-8-17  
Greater Boundary 2-26-8-17  
Ashley 16-10-9-15  
Federal 2-31-8-18  
Sundance State 9-32-8-18  
Sundance State 16-32-8-18  
Federal 6-12-9-17 – last report, well on production March 23, 2005  
Federal 9-4-9-18  
BlackJack Federal 15-10-9-17  
Canvasback 11-23-8-17

As we discussed, if these wells were on our Monthly Production Reports, I've removed them. I'll send in these monthly Operations Suspended Sundries until the wells are completed either as producers or injectors.

Please don't hesitate to contact me if you have any questions or require further assistance. I can be reached by phone @ (435) 646-4831 or by e-mail @ [kjones@newfld.com](mailto:kjones@newfld.com).

Sincerely,

  
Kobbie S. Jones  
Production Clerk

Enclosures

cc: Newfield Exploration Rocky Mountain - Denver

/kj

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APR 0 / 2005

DIV. OF OIL, GAS & MINING

016

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU17424

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
FEDERAL 9-4-9-18

2. NAME OF OPERATOR:  
Newfield Production Company

9. API NUMBER:  
4304735475

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: 2177 FSL 671 FEL

COUNTY: Uintah

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NE/SE, 4, T9S, R18E

STATE: Utah

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

TYPE OF ACTION

TYPE OF SUBMISSION

|  |   |   |  |
|--|---|---|--|
| <input checked="" type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br><br>Approximate date work will<br><u>04/01/2005</u> | <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"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br><br>Date of Work Completion:                            | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARITLY ABANDON                      |
|  | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR                             |
|  | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLAIR                             |
|  | <input type="checkbox"/> CHANGE WELL NAME               | <input type="checkbox"/> PLUG BACK                        | <input type="checkbox"/> WATER DISPOSAL                            |
|  | <input type="checkbox"/> CHANGE WELL STATUS             | <input type="checkbox"/> PRODUCTION (START/STOP)          | <input type="checkbox"/> WATER SHUT-OFF                            |
|  | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE         | <input checked="" type="checkbox"/> OTHER: - Monthly 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.

Operations Suspended

RECEIVED  
APR 0 / 2005  
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Kebbie Jones

TITLE Production Clerk

SIGNATURE Kebbie Jones

DATE April 5, 2005

(This space for State use only)

**NEWFIELD**



May 13, 2005

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

Dear Carol:

Please find enclosed "Sundry Notices and Reports on Wells" for the following wells:

Greater Boundary 10-26-8-17  
Greater Boundary 2-26-8-17  
Ashley 16-10-9-15  
Federal 2-31-8-18  
Sundance State 9-32-8-18  
Sundance State 16-32-8-18  
Federal 9-4-9-18  
BlackJack Federal 15-10-9-17  
Canvasback 11-23-8-17

As we discussed, if these wells were on our Monthly Production Reports, I've removed them. I'll send in these monthly Operations Suspended Sundries until the wells are completed either as producers or injectors.

Please don't hesitate to contact me if you have any questions or require further assistance. I can be reached by phone @ (435) 646-4831 or by e-mail @ [kjones@newfld.com](mailto:kjones@newfld.com).

Sincerely

  
Kebbie S. Jones  
Production Clerk

Enclosures

cc: Newfield Exploration Rocky Mountain - Denver

/kj

**RECEIVED**

**MAY 16 2005**

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**UTU17424**

**SUNDRY NOTICES AND REPORTS ON WELLS**

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
**FEDERAL 9-4-9-18**

2. NAME OF OPERATOR:  
**Newfield Production Company**

9. API NUMBER:  
**4304735475**

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: **2177 FSL 671 FEL**

COUNTY: **Uintah**

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NE/SE, 4, T9S, R18E**

STATE: **Utah**

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

TYPE OF ACTION SubDate

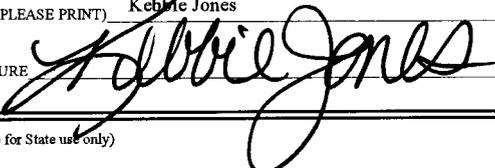
| TYPE OF SUBMISSION   | TYPE OF ACTION  |   |  |
|--|---|---|--|
| <input checked="" type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br><br>Approximate date work will<br><u>05/01/2005</u> | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION             |
| <input type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br><br>Date of Work Completion:<br>_____                   | <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"/> TEMPORARILY ABANDON                       |
|  | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR                             |
|  | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLAIR                             |
|  | <input type="checkbox"/> CHANGE WELL NAME               | <input type="checkbox"/> PLUG BACK                        | <input type="checkbox"/> WATER DISPOSAL                            |
|  | <input type="checkbox"/> CHANGE WELL STATUS             | <input type="checkbox"/> PRODUCTION (START/STOP)          | <input type="checkbox"/> WATER SHUT-OFF                            |
|  | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE         | <input checked="" type="checkbox"/> OTHER: - Monthly 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.

Operations Suspended

NAME (PLEASE PRINT) Kebbie Jones

TITLE Production Clerk

SIGNATURE 

DATE 05/13/2005

(This space for State use only)

**RECEIVED**  
**MAY 16 2005**  
DIV. OF OIL, GAS & MINING

NEWFIELD



June 6, 2005

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

Dear Carol:

Please find enclosed "Sundry Notices and Reports on Wells" for the following wells:

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Greater Boundary 2-26-8-17  
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Federal 2-31-8-18  
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BlackJack Federal 15-10-9-17  
Canvasback 11-23-8-17

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Please don't hesitate to contact me if you have any questions or require further assistance. I can be reached by phone @ (435) 646-4831 or by e-mail @ [kjones@newfld.com](mailto:kjones@newfld.com).

Sincerely,

  
Kobbie S. Jones  
Production Clerk

Enclosures

cc: Newfield Exploration Rocky Mountain - Denver

/kj

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JUN 08 2005

DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU17424

**SUNDRY NOTICES AND REPORTS ON WELLS**

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1. TYPE OF WELL:

OIL WELL  GAS WELL  OTHER

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

2. NAME OF OPERATOR:

Newfield Production Company

8. WELL NAME and NUMBER:

FEDERAL 9-4-9-18

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER

435.646.3721

9. API NUMBER:

4304735475

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 2177 FSL 671 FEL

10. FIELD AND POOL, OR WILDCAT:

Monument Butte

COUNTY: Uintah

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NE/SE, 4, T9S, R18E

STATE: Utah

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

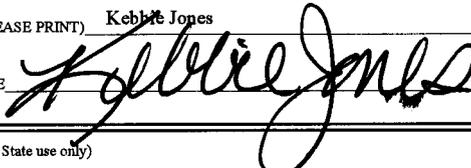
| TYPE OF SUBMISSION   | TYPE OF ACTION  |   |  |
|--|---|---|--|
|  | SubDate   | TYPE OF ACTION  |  |
| <input checked="" type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br><br>Approximate date work will<br><u>06/01/2005</u> | <input type="checkbox"/> ACIDIZE                        | <input 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"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br><br>Date of Work Completion:                            | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARILY ABANDON                       |
|  | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR                             |
|  | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLAIR                             |
|  | <input type="checkbox"/> CHANGE WELL NAME               | <input type="checkbox"/> PLUG BACK                        | <input type="checkbox"/> WATER DISPOSAL                            |
|  | <input type="checkbox"/> CHANGE WELL STATUS             | <input type="checkbox"/> PRODUCTION (START/STOP)          | <input type="checkbox"/> WATER SHUT-OFF                            |
|  | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE         | <input checked="" type="checkbox"/> OTHER: - Monthly 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.

Operations Suspended

NAME (PLEASE PRINT) Kebbie Jones

TITLE Production Clerk

SIGNATURE 

DATE 06/06/2005

(This space for State use only)

RECEIVED

JUN 08 2005

DIV. OF OIL, GAS & MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



IN REPLY REFER TO  
3180  
UT-922

June 30, 2005

Newfield Production Company  
Attn: Kelly L. Donohoue  
1401 Seventeenth Street, Suite 1000  
Denver, Colorado 80202

Gentlemen:

The Sundance (Green River) Unit Agreement, Uintah County, Utah, was approved June 30, 2005. This agreement has been designated No. UTU82472X, and is effective July 1, 2005. The unit area embraces 11,143.86 acres, more or less.

Pursuant to regulations issued and effective June 17, 1988, all operations within the Sundance (Green River) Unit will be covered by your nationwide (Utah) oil and gas bond No. 0056.

The following leases embrace lands included within the unit area:

|            |           |           |           |
|------------|-----------|-----------|-----------|
| UTU0075174 | UTU39713  | UTU65970* | UTU79013* |
| UTU16539*  | UTU39714  | UTU74404  | UTU79014* |
| UTU16540   | UTU44429  | UTU74835  | UTU80915  |
| UTU17424*  | UTU64806* | UTU74872* | UTU82205  |
| UTU18043   | UTU65969  | UTU75234  |           |

\* Indicates lease to be considered for segregation by the Bureau of Land Management pursuant to Section 18 (g) of the unit agreement and Public Law 86-705.

All lands and interests by State of Utah, Cause No. 228-08 are fully committed.

Approval of this agreement does not warrant or certify that the operator thereof and other holders of operating rights hold legal or equitable title to those rights in the subject leases which are committed hereto.

RECEIVED

JUL 0 / 2005

DIV. OF OIL, GAS & MINING

*Docket No  
2005-009*

We are of the opinion that the agreement is necessary and advisable in the public interest and for the purpose of more properly conserving natural resources. Certification-Determination, signed by the School and Institutional Trust Land Administration for the State of Utah, is attached to the enclosed agreement. We request that you furnish the State of Utah and all other interested principals with appropriate evidence of this approval.

Sincerely,

/s/ Terry Catlin

Terry Catlin  
Acting Chief, Branch of Fluid Minerals

**Enclosure**

bcc: Mary Higgins w/enclosure  
MMS - Data Management Division (Attn: James Sykes)  
Trust Lands Administration  
Division of Oil, Gas and Mining  
Field Manager - Vernal w/enclosure  
File - Sundance (Green River) Unit w/enclosure  
Agr. Sec. Chron  
Fluid Chron  
Central Files

UT922:TAThompson:tt:06/30/2005

Entity Form 6  
 "C" Change from one existing entity to another existing entity

| API        | Well                | Sec | Twsp | Rng  | Entity         | Entity Eff Date |
|------------|---------------------|-----|------|------|----------------|-----------------|
| 4304735697 | FEDERAL 15-13-9-17  | 13  | 090S | 170E | 14828 to 14844 | 9/20/2005       |
| 4304735698 | FEDERAL 13-13-9-17  | 13  | 090S | 170E | 14813 to 14844 | 9/20/2005       |
| 4304735699 | FEDERAL 11-13-9-17  | 13  | 090S | 170E | 14837 to 14844 | 9/20/2005       |
| 4304735702 | FEDERAL 5-13-9-17   | 13  | 090S | 170E | 14836 to 14844 | 9/20/2005       |
| 4304736012 | FEDERAL 14-13-9-17  | 13  | 090S | 170E | 14790 to 14844 | 9/20/2005       |
| 4304732438 | FEDERAL 44-14Y      | 14  | 090S | 170E | 11506 to 14844 | 9/20/2005       |
| 4304735708 | FEDERAL 9-14-9-17   | 14  | 090S | 170E | 14808 to 14844 | 9/20/2005       |
| 4304735709 | FEDERAL 11-14-9-17  | 14  | 090S | 170E | 14734 to 14844 | 9/20/2005       |
| 4304735710 | FEDERAL 15-14-9-17  | 14  | 090S | 170E | 14735 to 14844 | 9/20/2005       |
| 4304736068 | FEDERAL 14-14-9-17  | 14  | 090S | 170E | 14770 to 14844 | 9/20/2005       |
| 4304736069 | FEDERAL 10-14-9-17  | 14  | 090S | 170E | 14787 to 14844 | 9/20/2005       |
| 4304736071 | FEDERAL 6-14-9-17   | 14  | 090S | 170E | 14809 to 14844 | 9/20/2005       |
| 4304731181 | FEDERAL 14-4-9-18   | 04  | 090S | 180E | 14601 to 14844 | 9/20/2005       |
| 4304732653 | FEDERAL 13-4-9-18   | 04  | 090S | 180E | 14602 to 14844 | 9/20/2005       |
| 4304732654 | FEDERAL 11-4-9-18   | 04  | 090S | 180E | 14603 to 14844 | 9/20/2005       |
| 4304735473 | FEDERAL 1-4-9-18    | 04  | 090S | 180E | 14533 to 14844 | 9/20/2005       |
| 4304735474 | FEDERAL 7-4-9-18    | 04  | 090S | 180E | 14499 to 14844 | 9/20/2005       |
| 4304735475 | FEDERAL 9-4-9-18    | 04  | 090S | 180E | 14530 to 14844 | 9/20/2005       |
| 4304735589 | FEDERAL 2-4-9-18    | 04  | 090S | 180E | 14485 to 14844 | 9/20/2005       |
| 4304735590 | FEDERAL 3-4-9-18    | 04  | 090S | 180E | 14697 to 14844 | 9/20/2005       |
| 4304735591 | FEDERAL 5-4-9-18    | 04  | 090S | 180E | 14680 to 14844 | 9/20/2005       |
| 4304735592 | FEDERAL 6-4-9-18    | 04  | 090S | 180E | 14696 to 14844 | 9/20/2005       |
| 4304735593 | FEDERAL 8-4-9-18    | 04  | 090S | 180E | 14528 to 14844 | 9/20/2005       |
| 4304735594 | FEDERAL 10-4-9-18   | 04  | 090S | 180E | 14535 to 14844 | 9/20/2005       |
| 4304735595 | FEDERAL 12-4-9-18   | 04  | 090S | 180E | 14670 to 14844 | 9/20/2005       |
| 4304732503 | 21BALCRON FED 31-5Y | 05  | 090S | 180E | 11680 to 14844 | 9/20/2005       |
| 4304735290 | FEDERAL 5-5-9-18    | 05  | 090S | 180E | 14669 to 14844 | 9/20/2005       |
| 4304735292 | FEDERAL 9-5-9-18    | 05  | 090S | 180E | 14554 to 14844 | 9/20/2005       |
| 4304735293 | FEDERAL 11-5-9-18   | 05  | 090S | 180E | 14769 to 14844 | 9/20/2005       |
| 4304735294 | FEDERAL 13-5-9-18   | 05  | 090S | 180E | 14658 to 14844 | 9/20/2005       |
| 4304735505 | FEDERAL 14-5-9-18   | 05  | 090S | 180E | 14687 to 14844 | 9/20/2005       |
| 4304735506 | FEDERAL 12-5-9-18   | 05  | 090S | 180E | 14651 to 14844 | 9/20/2005       |
| 4304735891 | FEDERAL 10-5-9-18   | 05  | 090S | 180E | 14698 to 14844 | 9/20/2005       |
| 4304734933 | FEDERAL 6-6-9-18    | 06  | 090S | 180E | 14152 to 14844 | 9/20/2005       |
| 4304734934 | FEDERAL 7-6-9-18    | 06  | 090S | 180E | 14126 to 14844 | 9/20/2005       |
| 4304734936 | FEDERAL 13-6-9-18   | 06  | 090S | 180E | 14049 to 14844 | 9/20/2005       |



43-14735475

July 7, 2005

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

Dear Carol:

Please find enclosed "Sundry Notices and Reports on Wells" for the following wells:

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Greater Boundary 2-26-8-17  
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BlackJack Federal 15-10-9-17  
Canvasback 11-23-8-17

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Sincerely



Kobbie S. Jones  
Production Clerk

Enclosures

cc: Newfield Exploration Rocky Mountain - Denver

/kj

RECEIVED

JUL 08 2005

DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU17424

**SUNDRY NOTICES AND REPORTS ON WELLS**

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1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
FEDERAL 9-4-9-18

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Newfield Production Company

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

PHONE NUMBER  
435.646.3721

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Monument Butte

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 2177 FSL 671 FEL

COUNTY: Uintah

OTR/CTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NE/SE, 4, T9S, R18E

STATE: Utah

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

| TYPE OF SUBMISSION   | TYPE OF ACTION  |   |  |
|--|---|---|--|
|  | SubDate   | TYPE OF ACTION                                    | TYPE OF ACTION   |
| <input checked="" type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br><br>Approximate date work will<br><br><u>07/01/2005</u> | <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"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br><br>Date of Work Completion: _____                          | <input type="checkbox"/> CASING REPAIR                    | <input type="checkbox"/> NEW CONSTRUCTION         | <input type="checkbox"/> TEMPORARILY ABANDON                       |
|  | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS         | <input type="checkbox"/> OPERATOR CHANGE          | <input type="checkbox"/> TUBING REPAIR                             |
|  | <input type="checkbox"/> CHANGE TUBING                    | <input type="checkbox"/> PLUG AND ABANDON         | <input type="checkbox"/> VENT OR FLAIR                             |
|  | <input type="checkbox"/> CHANGE WELL NAME                 | <input type="checkbox"/> PLUG BACK                | <input type="checkbox"/> WATER DISPOSAL                            |
|  | <input type="checkbox"/> CHANGE WELL STATUS               | <input type="checkbox"/> PRODUCTION (START/STOP)  | <input type="checkbox"/> WATER SHUT-OFF                            |
|  | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS   | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input checked="" type="checkbox"/> OTHER: - Monthly 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.

Operations Suspended

NAME (PLEASE PRINT) Kebbie Jones

TITLE Production Clerk

SIGNATURE *Kebbie Jones*

DATE 07/07/2005

(This space for State use only)

**RECEIVED**  
**JUL 08 2005**  
DIV. OF OIL, GAS & MINING

**NEWFIELD**



August 3, 2005

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

Dear Carol:

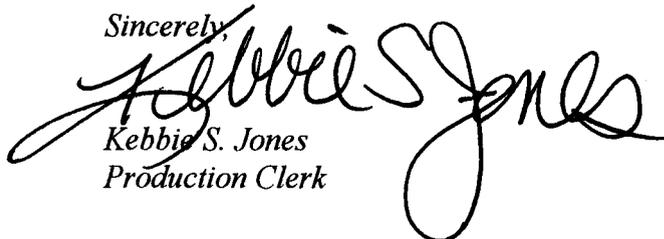
Please find enclosed "Sundry Notices and Reports on Wells" for the following wells:

Greater Boundary 10-26-8-17  
Greater Boundary 2-26-8-17  
Ashley 16-10-9-15  
Federal 2-31-8-18  
Sundance State 9-32-8-18  
Sundance State 16-32-8-18  
Federal 9-4-9-18  
BlackJack Federal 15-10-9-17  
Canvasback 11-23-8-17

As we discussed, if these wells were on our Monthly Production Reports, I've removed them. I'll send in these monthly Operations Suspended Sundries until the wells are completed either as producers or injectors.

Please don't hesitate to contact me if you have any questions or require further assistance. I can be reached by phone @ (435) 646-4831 or by e-mail @ [kjones@newfld.com](mailto:kjones@newfld.com).

Sincerely,



Kebbie S. Jones  
Production Clerk

Enclosures

cc: Newfield Exploration Rocky Mountain - Denver

/kj

**RECEIVED**

**AUG 05 2005**

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU17424

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, 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:  
SUNDANCE UNIT

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
FEDERAL 9-4-9-18

2. NAME OF OPERATOR:  
Newfield Production Company

9. API NUMBER:  
4304735475

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: 2177 FSL 671 FEL

COUNTY: Uintah

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NE/SE, 4, T9S, R18E

STATE: Utah

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

TYPE OF ACTION SubDate

| TYPE OF SUBMISSION   | TYPE OF ACTION  |   |  |
|--|---|---|--|
| <input checked="" type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br><br>Approximate date work will<br><u>08/01/2005</u> | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION             |
| <input type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br><br>Date of Work Completion:                            | <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 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: - Monthly 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.

Operations Suspended

NAME (PLEASE PRINT) Kobbie Jones

TITLE Production Clerk

SIGNATURE Kobbie Jones

DATE 08/03/2005

(This space for State use only)

**RECEIVED**  
**AUG 05 2005**  
DIV. OF OIL, GAS & MINING

RECEIVED  
SEP 06 2005  
DIV. OF OIL, GAS & MINING



September 2, 2005

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

Dear Carol:

Please find enclosed "Sundry Notices and Reports on Wells" for the following wells:

Greater Boundary 10-26-8-17  
Greater Boundary 2-26-8-17  
Ashley 16-10-9-15  
Federal 2-31-8-18  
Sundance State 9-32-8-18  
Sundance State 16-32-8-18  
Federal 9-4-9-18  
BlackJack Federal 15-10-9-17  
Canvasback 11-23-8-17

As we discussed, if these wells were on our Monthly Production Reports, I've removed them. I'll send in these monthly Operations Suspended Sundries until the wells are completed either as producers or injectors.

Please don't hesitate to contact me if you have any questions or require further assistance. I can be reached by phone @ (435) 646-4831 or by e-mail @ [kjones@newfld.com](mailto:kjones@newfld.com).

Sincerely,

  
Kebbie S. Jones  
Production Clerk

Enclosures

cc: Newfield Exploration Rocky Mountain - Denver

/kj

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU17424

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
SUNDANCE UNIT

2. NAME OF OPERATOR:  
Newfield Production Company

8. WELL NAME and NUMBER:  
FEDERAL 9-4-9-18

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

9. API NUMBER:  
4304735475

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 2177 FSL 671 FEL

10. FIELD AND POOL, OR WILDCAT:  
Monument Butte

COUNTY: Uintah

OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: NE/SE, 4, T9S, R18E

STATE: Utah

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

| TYPE OF SUBMISSION   | TYPE OF ACTION  |   |  |
|--|---|---|--|
|  | SubDate   | TYPE OF ACTION  |  |
| <input checked="" type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br><br>Approximate date work will<br><u>09/01/2005</u> | <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"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br><br>Date of Work Completion: _____                      | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARITLY ABANDON                      |
|  | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR                             |
|  | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLAIR                             |
|  | <input type="checkbox"/> CHANGE WELL NAME               | <input type="checkbox"/> PLUG BACK                        | <input type="checkbox"/> WATER DISPOSAL                            |
|  | <input type="checkbox"/> CHANGE WELL STATUS             | <input type="checkbox"/> PRODUCTION (START/STOP)          | <input type="checkbox"/> WATER SHUT-OFF                            |
|  | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE         | <input checked="" type="checkbox"/> OTHER: - Monthly 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.

Operations Suspended

NAME (PLEASE PRINT) Kebbie Jones TITLE Production Clerk  
SIGNATURE  DATE 09/02/2005

(This space for State use only)

**RECEIVED**  
**SEP 06 2005**  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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 No. (include are code)  
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 2177 FSL 671 FEL  
 NE/SE    Section 4 T9S R18E

5. Lease Serial No.  
 UTU17424

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.  
 SUNDANCE UNIT

8. Well Name and No.  
 FEDERAL 9-4-9-18

9. API Well No.  
 4304735475

10. Field and Pool, or Exploratory Area  
 Monument Butte

11. County or Parish, State  
 Uintah, 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 Notice    | <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      | Monthly Status Report                           |
|  | <input type="checkbox"/> Convert to Injector | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal           |   |

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

Operations Suspended

|  |                           |
|--|---------------------------|
| I hereby certify that the foregoing is true and correct<br>Name (Printed/ Typed)<br>Lana Nebeker | Title<br>Production Clerk |
| Signature<br><i>Lana Nebeker</i>   | Date<br>10/19/2005        |

|   |              |            |
|---|--------------|------------|
| 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)

**RECEIVED**  
**OCT 25 2005**  
 DIV. OF OIL, GAS & MINING

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.  
UTU17424

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.  
SUNDANCE UNIT

8. Well Name and No.  
FEDERAL 9-4-9-18

9. API Well No.  
4304735475

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State  
Uintah, UT

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 No. (include are code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2177 FSL 671 FEL  
NE/SE Section 4 T9S R18E

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 Notice    | <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      | Monthly Status Report                           |
|  | <input type="checkbox"/> Convert to Injector | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal           |   |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate 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.)

Operations Suspended

|  |                           |
|--|---------------------------|
| I hereby certify that the foregoing is true and correct<br>Name (Printed/ Typed)<br>Lana Nebeker | Title<br>Production Clerk |
| Signature<br><i>Lana Nebeker</i>   | Date<br>11/08/2005        |

|   |              |            |
|---|--------------|------------|
| 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)

**RECEIVED**

NOV 09 2005

DIV. OF OIL, GAS & MINING

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.

**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 No. (include are code)  
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 2177 FSL 671 FEL  
 NE/SE    Section 4 T9S R18E

5. Lease Serial No.  
 UTU17424

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.  
 SUNDANCE UNIT

8. Well Name and No.  
 FEDERAL 9-4-9-18

9. API Well No.  
 4304735475

10. Field and Pool, or Exploratory Area  
 Monument Butte

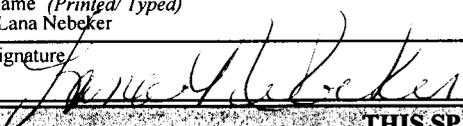
11. County or Parish, State  
 Uintah, UT

**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 Notice    | <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      | Monthly Status Report                           |
|  | <input type="checkbox"/> Convert to Injector | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal           |   |

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Operations Suspended

|  |                           |
|--|---------------------------|
| I hereby certify that the foregoing is true and correct<br>Name (Printed/ Typed)<br>Lana Nebeker | Title<br>Production Clerk |
| Signature<br> | Date<br>02/06/2006        |

**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 |      |

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(Instructions on reverse)

**FEB 07 2006**

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.

5. Lease Serial No.  
UTU17424

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.  
SUNDANCE UNIT

8. Well Name and No.  
FEDERAL 9-4-9-18

9. API Well No.  
4304735475

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State  
Uintah, 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 No. (include are code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2177 FSL 671 FEL  
NE/SE Section 4 T9S R18E

**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 Notice    | <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      | Monthly Status Report                           |
|  | <input type="checkbox"/> Convert to Injector | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal           |   |

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

Operations Suspended

|  |                           |
|--|---------------------------|
| I hereby certify that the foregoing is true and correct<br>Name (Printed/ Typed)<br>Lana Nebeker | Title<br>Production Clerk |
| Signature<br><i>Lana Nebeker</i>   | Date<br>03/06/2006        |

**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)

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

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.

UTU17424

6. If Indian, Allottee or Tribe Name.

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

SUNDANCE UNIT

8. Well Name and No.

FEDERAL 9-4-9-18

9. API Well No.

4304735475

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State

Uintah, 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 No. (include are code)

435.646.3721

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

2177 FSL 671 FEL

NE/SE Section 4 T9S R18E

**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 Notice    | <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      | Monthly Status Report                           |
|  | <input type="checkbox"/> Convert to Injector | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal           |   |

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

Newfield has suspended operations on the above well while waiting on approval from the EPA to complete this well as an injector.

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

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)  
Lana Nebeker

Signature

*Lana Nebeker*

Title

Production Clerk

Date

04/05/2006

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

Approved by

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

Title

Office

Date

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(Instructions on reverse)

**RECEIVED**  
**APR 10 2006**

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
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**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

|  |  |  |
|--|--|--|
| 1. Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other |  | 5. Lease Serial No.<br>UTU17424                              |
| 2. Name of Operator<br>NEWFIELD PRODUCTION COMPANY   |  | 6. If Indian, Allottee or Tribe Name.                        |
| 3a. Address<br>Route 3 Box 3630<br>Myton, UT 84052   | 3b. Phone No. (include are code)<br>435.646.3721 | 7. If Unit or CA/Agreement, Name and/or No.<br>SUNDANCE UNIT |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>2177 FSL 671 FEL<br>NE/SE Section 4 T9S R18E           |  | 8. Well Name and No.<br>FEDERAL 9-4-9-18                     |
|  |  | 9. API Well No.<br>4304735475                                |
|  |  | 10. Field and Pool, or Exploratory Area<br>Monument Butte    |
|  |  | 11. County or Parish, State<br>Uintah, 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 Notice    | <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      | Monthly Status Report                           |
|  | <input type="checkbox"/> Convert to Injector | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal           |   |

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

Operations Suspended

|  |                           |
|--|---------------------------|
| I hereby certify that the foregoing is true and correct<br>Name (Printed/ Typed)<br>Lana Nebeker | Title<br>Production Clerk |
| Signature<br> | Date<br>05/05/2006        |

**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 |      |

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(Instructions on reverse)

**RECEIVED**  
**MAY 08 2006**

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**  
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|  |  |   |
|--|--|---|
| 1. Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other |  | 5. Lease Serial No.                                       |
| 2. Name of Operator<br>NEWFIELD PRODUCTION COMPANY   |  | 6. If Indian, Allottee or Tribe Name.                     |
| 3a. Address Route 3 Box 3630<br>Myton, UT 84052  | 3b. Phone (include are code)<br>435.646.3721 | 7. If Unit or CA/Agreement, Name and/or<br>SUNDANCE UNIT  |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>2177 FSL 671 FEL<br>NESE Section 4 T9S R18E            |  | 8. Well Name and No.<br>FEDERAL 9-4-9-18                  |
|  |  | 9. API Well No.<br>4304735475                             |
|  |  | 10. Field and Pool, or Exploratory Area<br>MONUMENT BUTTE |
|  |  | 11. County or Parish, State<br>UINTAH, UT                 |

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

| TYPE OF SUBMISSION                                   | TYPE OF ACTION                         |   |   |  |
|--|--|---|---|--|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize       | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production(Start/Resume) | <input type="checkbox"/> Water Shut-Off                                  |
| <input type="checkbox"/> Subsequent Report           | <input type="checkbox"/> Alter Casing  | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation              | <input type="checkbox"/> Well Integrity                                  |
| <input type="checkbox"/> Final Abandonment           | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete               | <input checked="" type="checkbox"/> Other _____<br>Monthly Status Report |
|  | <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 type="checkbox"/> Water Disposal           |  |

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

Operations Suspended

|  |                           |
|--|---------------------------|
| I hereby certify that the foregoing is true and correct (Printed/ Typed)<br>Lana Nebeker | Title<br>Production Clerk |
| Signature<br><i>Lana Nebeker</i>   | Date<br>09/12/2006        |

|   |                        |
|---|------------------------|
| THIS SPACE FOR THE BUREAU OF LAND MANAGEMENT  |                        |
| 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 _____           |

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(Instructions on reverse)

RECEIVED  
SEP 13 2006  
DIV. OF OIL, GAS & MINING

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.

|  |  |   |
|--|--|---|
| 1. Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other |  | 5. Lease Serial No.                                       |
| 2. Name of Operator<br>NEWFIELD PRODUCTION COMPANY   |  | 6. If Indian, Allottee or Tribe Name.                     |
| 3a. Address   Route 3 Box 3630<br>Myton, UT 84052  | 3b. Phone (include are code)<br>435.646.3721 | 7. If Unit or CA/Agreement, Name and/or<br>SUNDANCE UNIT  |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>2177 FSL 671 FEL<br>NESE Section 4 T9S R18E            |  | 8. Well Name and No.<br>FEDERAL 9-4-9-18                  |
|  |  | 9. API Well No.<br>4304735475                             |
|  |  | 10. Field and Pool, or Exploratory Area<br>MONUMENT BUTTE |
|  |  | 11. County or Parish, State<br>UINTAH, UT                 |

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

| TYPE OF SUBMISSION                                   | TYPE OF ACTION                         |   |   |   |
|--|--|---|---|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize       | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production(Start/Resume) | <input type="checkbox"/> Water Shut-Off         |
| <input type="checkbox"/> Subsequent Report           | <input type="checkbox"/> Alter Casing  | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation              | <input type="checkbox"/> Well Integrity         |
| <input type="checkbox"/> Final Abandonment           | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete               | <input checked="" type="checkbox"/> Other _____ |
|  | <input type="checkbox"/> Change Plans  | <input type="checkbox"/> Plug & Abandon   | <input type="checkbox"/> Temporarily Abandon      | Monthly 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 recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Operations Suspended

|  |                           |
|--|---------------------------|
| I hereby certify that the foregoing is true and correct (Printed/ Typed)<br>Lana Nebeker | Title<br>Production Clerk |
| Signature<br><i>Lana Nebeker</i>   | Date<br>10/11/2006        |

|   |        |      |
|---|--------|------|
| 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 |      |

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(Instructions on reverse)

**RECEIVED**  
**OCT 12 2006**  
DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-17424

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
SUNDANCE UNIT

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
FEDERAL 9-4-9-18

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4304735475

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: 2177 FSL 671 FEL

COUNTY: UINTAH

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESE, 4, T9S, R18E

STATE: UT

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

| TYPE OF SUBMISSION  | TYPE OF ACTION  |   |  |
|---|---|---|--|
| <input checked="" type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br><br>Approximate date work will<br>11/13/2006 | <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"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br><br>Date of Work Completion:                     | <input type="checkbox"/> CASING REPAIR                    | <input type="checkbox"/> NEW CONSTRUCTION         | <input type="checkbox"/> TEMPORARITLY ABANDON                      |
|   | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS         | <input type="checkbox"/> OPERATOR CHANGE          | <input type="checkbox"/> TUBING REPAIR                             |
|   | <input type="checkbox"/> CHANGE TUBING                    | <input type="checkbox"/> PLUG AND ABANDON         | <input type="checkbox"/> VENT OR FLAIR                             |
|   | <input type="checkbox"/> CHANGE WELL NAME                 | <input type="checkbox"/> PLUG BACK                | <input type="checkbox"/> WATER DISPOSAL                            |
|   | <input type="checkbox"/> CHANGE WELL STATUS               | <input type="checkbox"/> PRODUCTION (START/STOP)  | <input type="checkbox"/> WATER SHUT-OFF                            |
|   | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS   | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input checked="" type="checkbox"/> OTHER: - Monthly Status Report |
| <input type="checkbox"/> CONVERT WELL TYPE  | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION |   |  |

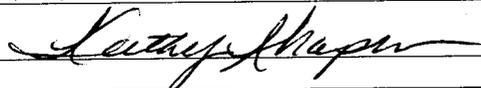
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operation Suspended

NAME (PLEASE PRINT) Kathy Chapman

TITLE Office Manager

SIGNATURE



DATE 11/13/2006

(This space for State use only)

RECEIVED

NOV 14 2006

DIVISION OF OIL, GAS AND MINING

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.**

|  |  |   |
|--|--|---|
| 1. Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other |  | 5. Lease Serial No.<br>USA UTU-17424                      |
| 2. Name of Operator<br>NEWFIELD PRODUCTION COMPANY   |  | 6. If Indian, Allottee or Tribe Name.                     |
| 3a. Address   Route 3 Box 3630<br>Myton, UT 84052  | 3b. Phone   (include are code)<br>435.646.3721 | 7. If Unit or CA/Agreement, Name and/or<br>SUNDANCE UNIT  |
| 4. Location of Well   (Footage, Sec., T., R., M., or Survey Description)<br>2177 FSL 671 FEL<br>NESE Section 4 T9S R18E          |  | 8. Well Name and No.<br>FEDERAL 9-4-9-18                  |
|  |  | 9. API Well No.<br>4304735475                             |
|  |  | 10. Field and Pool, or Exploratory Area<br>MONUMENT BUTTE |
|  |  | 11. County or Parish, State<br>UINTAH, UT                 |

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

| TYPE OF SUBMISSION                                   | TYPE OF ACTION                         |   |   |   |
|--|--|---|---|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize       | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production(Start/Resume) | <input type="checkbox"/> Water Shut-Off         |
| <input type="checkbox"/> Subsequent Report           | <input type="checkbox"/> Alter Casing  | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation              | <input type="checkbox"/> Well Integrity         |
| <input type="checkbox"/> Final Abandonment           | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete               | <input checked="" type="checkbox"/> Other _____ |
|  | <input type="checkbox"/> Change Plans  | <input type="checkbox"/> Plug & Abandon   | <input type="checkbox"/> Temporarily Abandon      | Monthly 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 recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Operations Suspended

|  |                           |
|--|---------------------------|
| I hereby certify that the foregoing is true and correct (Printed/ Typed)<br>Lana Nebeker | Title<br>Production Clerk |
| Signature<br><i>Lana Nebeker</i>   | Date<br>12/15/2006        |

|   |              |            |
|---|--------------|------------|
| 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 _____ |            |

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(Instructions on reverse)

**RECEIVED**

**DEC 19 2006**

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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)  
 2177 FSL 671 FEL  
 NESE Section 4 T9S R18E

5. Lease Serial No.  
 USA UTU-17424

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
 FEDERAL 9-4-9-18

9. API Well No.  
 4304735475

10. Field and Pool, or Exploratory Area  
 MONUMENT BUTTE

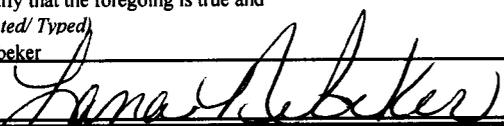
11. County or Parish, State  
 Uintah, UT

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 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      | Monthly 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 recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Operations Suspended

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

Title  
 Production Clerk

Date  
 01/18/2007

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)

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JAN 22 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.

|  |  |   |
|--|--|---|
| 1. Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other |  | 5. Lease Serial No.<br>USA UTU-17424                      |
| 2. Name of Operator<br>NEWFIELD PRODUCTION COMPANY   |  | 6. If Indian, Allottee or Tribe Name.                     |
| 3a. Address<br>Route 3 Box 3630<br>Myton, UT 84052   | 3b. Phone (include are code)<br>435.646.3721 | 7. If Unit or CA/Agreement, Name and/or<br>SUNDANCE UNIT  |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>2177 FSL 671 FEL<br>NESE Section 4 T9S R18E            |  | 8. Well Name and No.<br>FEDERAL 9-4-9-18                  |
|  |  | 9. API Well No.<br>4304735475                             |
|  |  | 10. Field and Pool, or Exploratory Area<br>MONUMENT BUTTE |
|  |  | 11. County or Parish, State<br>UINTAH, UT                 |

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

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

Operations Suspended

|  |                           |
|--|---------------------------|
| I hereby certify that the foregoing is true and correct (Printed/ Typed)<br>Lana Nebeker | Title<br>Production Clerk |
| Signature<br><i>Lana Nebeker</i>   | Date<br>02/05/2007        |

|   |              |            |
|---|--------------|------------|
| 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)

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FEB 08 2007

DIV. OF OIL, GAS & MINING

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.

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)  
2177 FSL 671 FEL  
NESE Section 4 T9S R18E

5. Lease Serial No.  
USA UTU-17424

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
FEDERAL 9-4-9-18

9. API Well No.  
4304735475

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
UINTAH, UT

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

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

Operations Suspended

|   |                           |
|---|---------------------------|
| I hereby certify that the foregoing is true and correct (Printed/ Typed)<br>Lana Nebeke | Title<br>Production Clerk |
| Signature<br><i>Lana Nebeke</i>   | Date<br>03/07/2007        |

|   |             |            |
|---|-------------|------------|
| 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)

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MAR 12 2007

DIV. OF OIL, GAS & MINING



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8  
1595 WYNKOOP STREET  
DENVER, CO 80202-1129  
http://www.epa.gov/region8

MAR 30 2007

Ref: 8P-W-GW

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

David Gerbig  
Newfield Production Company  
1401 Seventeenth Street  
Suite 1000  
Denver, CO 80202

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

43-047-35475  
95 18E 4

Re: Underground Injection Control Program  
Final Permit: Federal 9-4-9-18  
Uintah County, UT  
EPA Permit No. UT21044-07102

Dear Mr. Gerbig:

Enclosed is your copy of the FINAL Underground Injection Control (UIC) Permit for the proposed Federal 9-4-9-18 injection well. A Statement of Basis, which discusses development of the conditions and requirements of the Permit, also is included.

The Public Comment period ended on MAR - 8 2007. There were no comments on the Draft Permit received during the Public Notice period, and therefore the Final Permit becomes effective on the date of issuance. All conditions set forth herein refer to Title 40 Parts 124, 144, 146, and 147 of the Code of Federal Regulations (CFR) and are regulations that are in effect on the date that this Permit becomes effective.

Please note that under the terms of the Final Permit, you are authorized only to construct the proposed injection well, and must fulfill the "Prior to Commencing Injection" requirements of the Permit, Part II Section C Subpart 1 and obtain written Authorization to Inject prior to commencing injection. It is your responsibility to be familiar with and to comply with all provisions of the Final Permit.

The Permit and the authorization to inject are issued for the operating life of the well unless terminated (Part III, Section B). The EPA will review this Permit at least every five (5) years to determine whether action under 40 CFR § 144.36(a) is warranted.

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APR 04 2007



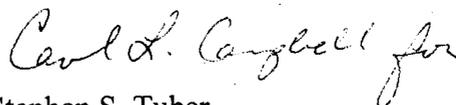
Printed on Recycled Paper

DIV. OF OIL, GAS & MINING

If you have any questions on the enclosed Final Permit or Statement of Basis, please call Emmett Schmitz of my staff at (303) 312-6174, or toll-free at (800) 227-8917, ext. 6174.

3-17-00  
to  
DORIS M. [unclear]  
U

Sincerely,



Stephen S. Tuber  
Assistant Regional Administrator  
Office of Partnerships and Regulatory Assistance

enclosure: Final UIC Permit  
Statement of Basis  
Form 7520-7 Application to Transfer Permit  
Form 7520-11 Monitoring Report  
Form 7520-12 Well Rework record  
Form 7520-13 Plugging Record

cc: Letter:

Maxine Natchees  
Chairperson  
Uintah & Ouray Business Committee  
Ute Indian Tribe

Chester Mills  
Superintendent  
U.S. Bureau of Indian Affairs  
Uintah & Ouray Indian Agency

Irene Cuchs  
Councilwoman  
Uintah & Ouray Business Committee  
Ute Indian Tribe

Smiley Arrowchis  
Councilman  
Uintah & Ouray Business Committee  
Ute Indian Tribe

Ronald Groves  
Councilman  
Uintah & Ouray Business Committee  
Ute Indian Tribe

Richard Jenks, Jr.  
Councilman  
Uintah & Ouray Business Committee  
Ute Indian Tribe

Francis Poowegup  
Councilman  
Uintah & Ouray Business Committee  
Ute Indian Tribe

all encl:

Michael Guinn  
District Manager  
Newfield Production Company  
Myton, Utah

Lynn Becker  
Director  
Energy & Minerals Dept.  
Ute Indian Tribe

Shaun Chapoose  
Director  
Land Use Dept.  
Ute Indian Tribe

Gilbert Hunt  
Assistant Director  
State of Utah - Natural Resources

Fluid Minerals Engineering Office  
U.S. Bureau of Land Management  
Vernal, Utah



# STATEMENT OF BASIS

**NEWFIELD PRODUCTION COMPANY**

**FEDERAL 9-4-9-18  
UINTAH COUNTY, UT**

**EPA PERMIT NO. UT21044-07102**

***CONTACT:*** Emmett Schmitz  
U. S. Environmental Protection Agency  
Ground Water Program, 8P-W-GW  
1595 Wynkoop Street  
Denver, Colorado 80202-1129  
Telephone: 1-800-227-8917 ext. 6174

This STATEMENT OF BASIS gives the derivation of site-specific UIC Permit conditions and reasons for them. Referenced sections and conditions correspond to sections and conditions in the Permit.

EPA UIC permits regulate the injection of fluids into underground injection wells so that the injection does not endanger underground sources of drinking water. EPA UIC permit conditions are based upon the authorities set forth in regulatory provisions at 40 CFR Parts 144 and 146, and address potential impacts to underground sources of drinking water. Under 40 CFR 144.35 Issuance of this permit does not convey any property rights of any sort or any exclusive privilege, nor authorize injury to persons or property of invasion of other private rights, or any infringement of other federal, state or local laws or regulations. Under 40 CFR 144 Subpart D, certain conditions apply to all UIC Permits and may be incorporated either expressly or by reference. General Permit conditions for which the content is mandatory and not subject to site-specific differences (40 CFR Parts 144, 146 and 147) are not discussed in this document.

## PART I. General Information and Description of Facility

Newfield Production Company  
1401 Seventeenth Street  
Suite 1000  
Denver, CO 80202

on

December 29, 2005

submitted an application for an Underground Injection Control (UIC) Program Permit or Permit Modification for the following injection well or wells:

Federal 9-4-9-18  
2177' FSL & 671' FEL, NESE S4, T9S, R18E  
Uintah County, UT

Regulations specific to Uintah-Ouray Indian Reservation injection wells are found at 40 CFR 147 Subpart TT.

The application, including the required information and data necessary to issue or modify a UIC Permit in accordance with 40 CFR Parts 144, 146 and 147, was reviewed and determined by EPA to be complete.

The Permit will expire upon delegation of primary enforcement responsibility (primacy) for applicable portions of the UIC Program to the Ute Indian Tribe or the State of Utah unless the delegated agency has the authority and chooses to adopt and enforce this Permit as a Tribal or State Permit.

TABLE 1.1 shows the status of the well or wells as "New", "Existing", or "Conversion" and for Existing shows the original date of injection operation. Well authorization "by rule" under 40 CFR Part 144 Subpart C expires automatically on the Effective Date of an issued UIC Permit.

The Federal No. 9-4-9-18 is currently at total depth of 6005 feet in the Basal Carbonate Member of the Green River formation awaiting EPA authorization to complete the facility as an enhanced recovery operation in the Garden Gulch and Douglas Creek Members.

| <b>CONVERSION WELLS</b> |                    |                          |
|-------------------------|--------------------|--------------------------|
| <b>Well Name</b>        | <b>Well Status</b> | <b>Date of Operation</b> |
| Federal 9-4-9-18        | Conversion         | N/A                      |

## Hydrogeologic Setting

The proposed injection well is located in the Newfield Production Company Greater Monument Butte area near the center of the broad, gently northward dipping south flank of the Uinta Basin. The beds dip at about 200'/mile, and there are no known surface folds or faults in the field. The lower 600' to 800' of the Uinta Formation, generally consisting of 5' to 20' thick brown lenticular fluvial sandstone and interbedded varicolored shales, outcrops at the surface in this area. The Uinta is underlain by the Green River Formation which consists of lake (lacustrine) margin sandstones, limestone and shale beds that were deposited along the edges and on the broad level floor of Lake Uinta as it expanded and contracted through time. Underlying the Green River Formation is the Wasatch Formation, which is approximately 2400' thick in this area and consists of red alluvial shales and siltstone with scattered lenticular sandstones usually 10' to 50' thick. Below the Wasatch Formation is the Mesaverde Formation; a series of interbedded continental deposits of shale, sandstone, and coal. Water samples from Mesaverde sands in the nearby Natural Buttes Unit yield highly saline water.

The Uinta Basin is a topographic and structural trough encompassing an area of more than 9300 square mi (14,900 km ) in northeast Utah. The basin is sharply asymmetrical, with a steep north flank bounded by the east-west-trending Uinta Mountains, and a gently dipping south flank. The Uinta Basin formed in Paleocene to Eocene time, creating a large area of internal drainage which was filled by ancestral Lake Uinta. Deposition in and around Lake Uinta consisted of open- to marginal-lacustrine sediments that make up the Green River Formation. Alluvial red-bed deposits that are laterally equivalent to and intertongue with the Green River make up the Colton Formation (Wasatch). More than 450 million barrels of oil (63 MT) have been produced from the Green River and Wasatch Formations in the Uinta Basin. The southern shore of Lake Uinta was very broad and flat, which allowed large transgressive and regressive shifts in the shoreline in response to climatic and tectonic-induced rise and fall of the lake. The cyclic nature of Green River deposition in the southern shore area resulted in numerous stacked deltaic deposits. Distributary-mouth bars, distributary channels, and near-shore bars are the primary producing sandstone reservoirs in the area (Ref: "Reservoir Characterization of the Lower Green River Formation, Southwest Uinta Basin, Utah Biannual Technical Progress Report 4/1/99 - 9/30/99", by C. D. Morgan, Program Manager, November 1999, Contract DE-AC26-98BC15103). The Tertiary Duchesne River Formation alluvium generally is present at the surface in this area.

Throughout the current Newfield Production Company area of enhanced recovery injection activity, i.e., T8-9S - R15-19E, Green River Formation water analyses generally exhibit total dissolved (TDS) content well in excess of 10,000 mg/l. A few recent applications for well conversion to enhanced recovery injection contain Green River water analyses with TDS approximating 10,000 mg/l. The State of Utah-Natural Resources ascribes low TDS values to several possibilities involving dilution of Green River water with high TDS values, e.g., recharge of the Green River Formation via Green River Formation outcrop on the Book Cliffs/Roan Cliffs; injection of very low TDS Johnson Water District Reservoir source water; and percolation of surface water via deep-seated Gilsonite veins penetrating lower Green River Members.

### Geologic Setting (TABLE 2.1)

**TABLE 2.1  
GEOLOGIC SETTING  
Federal 9-4-9-18**

| Formation Name | Top (ft) | Base (ft) | TDS (mg/l) | Lithology   |
|----------------|----------|-----------|------------|---|
| Uinta          | 0        | 2,304     | < 10,000   | Predominantly fluvial sand and shale with minor lacustrine deposits.        |
| Green River    | 2,304    | 6,071     | 35,885     | Interbedded lacustrine sand, shale, carbonates with fluvial sand and shale. |

**Proposed Injection Zone(s) (TABLE 2.2)**

An injection zone is a geological formation, group of formations, or part of a formation that receives fluids through a well. The proposed injection zones are listed in TABLE 2.2.

Injection will occur into an injection zone that is separated from USDWs by a confining zone which is free of known open faults or fractures within the Area of Review.

The approved interval for enhanced recovery injection is located between the top of the Garden Gulch Member of the Green River Formation at 3750 feet and the top of the Wasatch Formation which is estimated to be 6071 feet.

**TABLE 2.2  
INJECTION ZONES  
Federal 9-4-9-18**

| Formation Name | Top (ft) | Base (ft) | TDS (mg/l) | Fracture Gradient (psi/ft) | Porosity | Exempted?* |
|----------------|----------|-----------|------------|----------------------------|----------|------------|
| Green River    | 2,304    | 6,071     | 35,885     | 0.680                      |          | N/A        |

\* C - Currently Exempted  
E - Previously Exempted  
P - Proposed Exemption  
N/A - Not Applicable

**Confining Zone(s) (TABLE 2.3)**

A confining zone is a geological formation, part of a formation, or a group of formations that limits fluid movement above the injection zone. The confining zone or zones are listed in TABLE 2.3.

The 134-foot sandy shale Confining Zone directly overlies the top of the Garden Gulch Member between the depths of 3616 feet and 3750 feet.

**TABLE 2.3**  
**CONFINING ZONES**  
**Federal 9-4-9-18**

| Formation Name | Formation Lithology    | Top (ft) | Base (ft) |
|----------------|------------------------|----------|-----------|
| Green River    | Impervious sandy shale | 3,616    | 3,750     |

**Underground Sources of Drinking Water (USDWs) (TABLE 2.4)**

Aquifers or the portions thereof which contain less than 10,000 mg/l total dissolved solids (TDS) and are being or could in the future be used as a source of drinking water are considered to be USDWs. The USDWs in the area of this facility are identified in TABLE 2.4.

The State of Utah "Water Wells and Springs", <http://NRWRT1.STATE.UT.US>, identifies no public water supply wells within the one-quarter (1/4) mile Area-of-Review (AOR) around the Federal No. 9-4-9-18.

Technical Publication No. 92: State of Utah, Department of Natural Resources, cites the base of Underground Sources of Drinking Water (USDW) in the Uinta Formation, approximately 190 feet from the surface.

**TABLE 2.4**  
**UNDERGROUND SOURCES OF DRINKING WATER (USDW)**  
**Federal 9-4-9-18**

| Formation Name | Formation Lithology         | Top (ft) | Base (ft) | TDS (mg/l) |
|----------------|-----------------------------|----------|-----------|------------|
| Uinta          | Continental sand and shale. | 0        | 190       | < 10,000   |

## PART III. Well Construction (40 CFR 146.22)

The Federal No. 9-4-9-18 was drilled to a total depth of 6005 (KB) feet in the Basal Carbonate Member of the Green River Formation.

Surface casing (8-5/8 inch) was set at a depth of 312 feet in a 12-1/4 inch hole using 160 sacks of Class "G" cement which was circulated to the surface.

Production casing (5-1/2 inch) was set at a depth of 5995 feet (KB) in a 7-7/8 inch hole with 400 sacks of Premium Lite II and 450 sacks of 50/50 poz mix. This well construction is considered adequate to protect USDWs.

The EPA calculates the top of cement as 496 feet from the surface.

The schematic diagram shows the proposed injection perforations in the Garden Gulch and Douglas Creek Members of the Green River Formation. Additional perforations may be added at a later time between the depths of 3750 feet and the top of the Wasatch Formation (Estimated to be 6071 feet) provided the operator first notifies the Director and later submits an updated well completion report (EPA Form 7520-12) and schematic diagram.

The packer will be required to be set no higher than 100 feet above the top perforation.

**TABLE 3.1**  
**WELL CONSTRUCTION REQUIREMENTS**  
**Federal 9-4-9-18**

| Casing Type | Hole Size (in) | Casing Size (in) | Cased Interval (ft) | Cemented Interval (ft) |
|-------------|----------------|------------------|---------------------|------------------------|
| Production  | 7.88           | 5.50             | 0 - 5,994           | 496 - 5,994            |
| Surface     | 12.25          | 8.63             | 0 - 312             | 0 - 312                |

The approved well completion plan will be incorporated into the Permit as APPENDIX A and will be binding on the Permittee. Modification of the approved plan is allowed under 40 CFR 144.52(a)(1) provided written approval is obtained from the Director prior to actual modification.

### Casing and Cementing (TABLE 3.1)

The construction plan for the well or wells proposed for conversion to an injection well was evaluated and determined to be in conformance with standard practices and guidelines that ensure well injection does not result in the movement of fluids into USDWs. Well construction and conversion details for the well or wells are shown in TABLE 3.1.

### Tubing and Packer

Injection tubing is required to be installed from a packer up to the surface inside the well casing. The packer will be set above the uppermost perforation. The tubing and packer are designed to prevent injection fluid from coming into contact with the outermost casing.

### Tubing-Casing Annulus (TCA)

The TCA allows the casing, tubing and packer to be pressure-tested periodically for mechanical integrity, and will allow for detection of leaks. The TCA will be filled with fresh water treated with a corrosion inhibitor or other fluid approved by the Director.

The tubing/casing annulus must be kept closed at all times so that it can be monitored as required under conditions of the Permit.

**Monitoring Devices**

The permittee will be required to install and maintain wellhead equipment that allows for monitoring pressures and providing access for sampling the injected fluid. Required equipment may include but is not limited to: 1) shut-off valves located at the wellhead on the injection tubing and on the TCA; 2) a flow meter that measures the cumulative volume of injected fluid; 3) fittings or pressure gauges attached to the injection tubing and the TCA for monitoring the injection and TCA pressure; and 4) a tap on the injection line, isolated by shut-off valves, for sampling the injected fluid.

All sampling and measurement taken for monitoring must be representative of the monitored activity.

**PART IV. Area of Review, Corrective Action Plan (40 CFR 144.55)**

| <b>TABLE 4.1</b>                 |          |                           |                     |                   |                       |
|----------------------------------|----------|---------------------------|---------------------|-------------------|-----------------------|
| <b>AOR AND CORRECTIVE ACTION</b> |          |                           |                     |                   |                       |
| Well Name                        | Type     | Status<br>(Abandoned Y/N) | Total<br>Depth (ft) | TOC<br>Depth (ft) | CAP<br>Required (Y/N) |
| Federal No. 10-4-9-18            | Producer | No                        | 6,020               | 673               | No                    |
| Federal No. 8-4-9-18             | Producer | No                        | 6,050               | 865               | No                    |

TABLE 4.1 lists the wells in the Area of Review ("AOR") and shows the well type, operating status, depth, top of casing cement ("TOC") and whether a Corrective Action Plan ("CAP") is required for the well.

**Area Of Review**

Applicants for Class I, II (other than "existing" wells) or III injection well Permits are required to identify the location of all known wells within the injection well's Area of Review (AOR) which penetrate the injection zone, or in the case of Class II wells operating over the fracture pressure of the formation, all known wells within the area of review that penetrate formations which may be affected by increased pressure. Under 40 CFR 146.6 the AOR may be a fixed radius of not less than one quarter (1/4) mile or a calculated zone of endangering influence. For Area Permits, a fixed width of not less than one quarter (1/4) mile for the circumscribing area may be used.

**Corrective Action Plan**

For wells in the AOR which are improperly sealed, completed, or abandoned, the applicant shall develop a Corrective Action Plan (CAP) consisting of the steps or modifications that are necessary to prevent movement of fluid into USDWs.

The CAP will be incorporated into the Permit as APPENDIX F and become binding on the permittee.

TABLE 4.1 lists the wells in the AOR, and shows the well type, operating status, depth, top of casing cement and whether a CAP is required for this well.

## PART V. Well Operation Requirements (40 CFR 146.23)

| <b>TABLE 5.1</b>                |                                   |                            |                    |
|---------------------------------|-----------------------------------|----------------------------|--------------------|
| <b>INJECTION ZONE PRESSURES</b> |                                   |                            |                    |
| <b>Federal 9-4-9-18</b>         |                                   |                            |                    |
| Formation Name                  | Depth Used to Calculate MAIP (ft) | Fracture Gradient (psi/ft) | Initial MAIP (psi) |
| Green River                     | 4,303                             | 0.680                      | 1,030              |

### Approved Injection Fluid

The approved injection fluid is limited to Class II injection well fluids pursuant to 40 CFR § 144.6(b). For disposal wells injecting water brought to the surface in connection with natural gas storage operations, or conventional oil or natural gas production, the fluid may be commingled and the well used to inject other Class II wastes such as drilling fluids and spent well completion, treatment and stimulation fluid. Injection of non-exempt wastes, including unused fracturing fluids or acids, gas plant cooling tower cleaning wastes, service wastes and vacuum truck wastes, is prohibited.

The proposed injectate will be culinary source water from the Johnson Water District reservoir.

### Injection Pressure Limitation

Injection pressure, measured at the wellhead, shall not exceed a maximum calculated to assure that the pressure used during injection does not initiate new fractures or propagate existing fractures in the confining zones adjacent to the USDWs.

Please note that the fracture gradient of 0.680 psi/ft is more is in accord with fracture gradients derived for sand/frac treatments in Sections contiguous to Section 4-T9S-R17E than the applicant suggested fracture gradient of 0.78 psi/ft.

The applicant submitted injection fluid density and injection zone data which was used to calculate a formation fracture pressure and to determine the maximum allowable injection pressure (MAIP), as measured at the surface, for this Permit,

TABLE 5.1 lists the fracture gradient for the injection zone and the approved MAIP, determined according to the following formula:

$$FP = [fg - (0.433 * sg)] * d$$

FP = formation fracture pressure (measured at surface)

- fg = fracture gradient (from submitted data or tests)  
sg = specific gravity (of injected fluid)  
d = depth to top of injection zone (or top perforation)

### **Injection Volume Limitation**

Cumulative injected fluid volume limits are set to assure that injected fluids remain within the boundary of the exempted area. Cumulative injected fluid volume is limited when injection occurs into an aquifer that has been exempted from protection as a USDW.

There will be no restrictions on the cumulative volume of authorized fluid injected into the Green River Formation interval 3750 feet to the top of the Wasatch Formation which is estimated to be 6071 feet

### **Mechanical Integrity (40 CFR 146.8)**

An injection well has mechanical integrity if:

1. there is no significant leak in the casing, tubing, or packer (Part I); and
2. there is no significant fluid movement into a USDW through vertical channels adjacent to the injection well bore (Part II).

The Permit prohibits injection into a well which lacks mechanical integrity.

The Permit requires that the well demonstrate mechanical integrity prior to injection and periodically thereafter. A demonstration of mechanical integrity includes both internal (Part I) and external (Part II). The methods and frequency for demonstrating Part I and Part II mechanical integrity are dependent upon well-specific conditions as explained below.

Well construction and site-specific conditions dictate the following requirements for Mechanical Integrity (MI) demonstrations:

PART I MI: Internal MI will be demonstrated prior to beginning injection. Since this well is constructed with a standard casing, tubing, and packer configuration, a successful mechanical integrity test (MIT) is required to take place at least once every five (5) years. A demonstration of Part I MI is also required prior to resuming injection following any workover operation that affects the casing, tubing or packer. Part I MI may be demonstrated by a standard tubing-casing annulus pressure test using the maximum permitted injection pressure or 1000 psi, which ever is less, with a ten (10) percent or less pressure loss over thirty (30) minutes.

## **PART VI. Monitoring, Recordkeeping and Reporting Requirements**

### **Injection Well Monitoring Program**

At least once a year the permittee must analyze a sample of the injected fluid for total dissolved solids (TDS), specific conductivity, pH, and specific gravity. This analysis shall be reported to EPA annually as part of the Annual Report to the Director. Any time a new source of injected fluid is added, a fluid analysis shall be made of the new source.

Instantaneous injection pressure, injection flow rate, cumulative fluid volume and TCA pressures must be observed on a weekly basis. A recording, at least once every thirty (30) days, must be made of the injection pressure, injection flow rate and cumulative fluid volume, and the maximum

and average value for each must be determined for each month. This information is required to be reported annually as part of the Annual Report to the Director.

## **PART VII. Plugging and Abandonment Requirements (40 CFR 146.10)**

### **Plugging and Abandonment Plan**

Prior to abandonment, the well shall be plugged in a manner that isolates the injection zone and prevents movement of fluid into or between USDWs, and in accordance with other applicable federal, State or local law or regulation. Tubing, packer and other downhole apparatus shall be removed. Cement with additives such as accelerators and retarders that control or enhance cement properties may be used for plugs; however, volume-extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.6 lb/gal shall be placed between all plugs. A minimum 50 ft surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520 13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. The plugging and abandonment plan is described in Appendix E of the Permit.

All cement plugs will be set with tubing.

9.2 ppg plugging gel, or fresh water weighted with bentonite or treated brine will be placed between all cement plugs.

The following Plugging and Abandonment Plan, as proposed by the permittee, is predicated on the permittee not revising the injection perforations as cited on the schematic diagram of well construction/conversion. Should the uppermost perforations (4303 feet to 4308 feet) be modified in construction, the EPA will modify the P&A Plan accordingly.

PLUG NO. 1: A Cast Iron Bridge Plug (CIBP) is proposed at 4208 feet with 100 feet of Class "G" cement on CIBP.

PLUG NO. 2: A Class "G" cement plug from 2000 feet to 2400 feet. This plug will cover both a water zone and the top of the Green River Formation.

PLUG NO. 3: Circulate Class "G" cement down the 5-1/2 inch casing to 362 feet and up the 5-1/2 inch X 8-5/8 inch annulus to the surface.

## **PART VIII. Financial Responsibility (40 CFR 144.52)**

### **Demonstration of Financial Responsibility**

The permittee is required to maintain financial responsibility and resources to close, plug, and abandon the underground injection operation in a manner prescribed by the Director. The permittee shall show evidence of such financial responsibility to the Director by the submission of a surety bond, or other adequate assurance such as financial statements or other materials acceptable to the Director. The Regional Administrator may, on a periodic basis, require the holder of a lifetime permit to submit a revised estimate of the resources needed to plug and abandon the well to reflect inflation of such costs, and a revised demonstration of financial responsibility if necessary. Initially, the operator has chosen to demonstrate financial responsibility with:

A Financial Statement that was approved by the EPA on December 6, 2006.

Financial Statement, received April 22, 2005

Evidence of continuing financial responsibility is required to be submitted to the Director annually.



**UNDERGROUND INJECTION CONTROL PROGRAM  
PERMIT**

PREPARED: March 2007

**Permit No. UT21044-07102**

Class II Enhanced Oil Recovery Injection Well

**Federal 9-4-9-18  
Uintah County, UT**

Issued To

**Newfield Production Company**

1401 Seventeenth Street

Suite 1000

Denver, CO 80202

## Part I. AUTHORIZATION TO CONSTRUCT AND OPERATE

Under the authority of the Safe Drinking Water Act and Underground Injection Control (UIC) Program regulations of the U. S. Environmental Protection Agency (EPA) codified at Title 40 of the Code of Federal Regulations (40 CFR) Parts 2, 124, 144, 146, and 147, and according to the terms of this Permit,

Newfield Production Company  
1401 Seventeenth Street  
Suite 1000  
Denver, CO 80202

is authorized to construct and to operate the following Class II injection well or wells:

Federal 9-4-9-18  
2177' FSL & 671' FEL, NESE S4, T9S, R18E  
Uintah County, UT

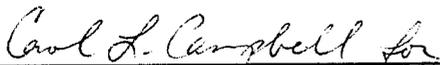
EPA UIC permits regulate the injection of fluids into underground injection wells so that the injection does not endanger underground sources of drinking water. EPA UIC permit conditions are based upon the authorities set forth in regulatory provisions at 40 CFR Parts 144 and 146, and address potential impacts to underground sources of drinking water.

Under 40 CFR Part 144, Subpart D, certain conditions apply to all UIC permits and may be incorporated either expressly or by reference. General permit conditions for which the content is mandatory and not subject to site-specific differences (40 CFR Parts 124, 144, 146 and 147) are not discussed in this document. Under 40 CFR §144.35, issuance of this permit does not convey any property rights of any sort or any exclusive privilege, nor does it authorize injury to persons or property or invasion of other private rights, or any infringement of other federal, state or local laws or regulations. EPA UIC permits may be issued for the operating life of the injection well or project unless terminated for reasonable cause under 40 CFR §§144.39, 144.40 and 144.41, and are subject to EPA review at least once every five (5) years to determine if action is required under 40 CFR §144.36(a).

This Permit is issued for the life of the well or wells unless modified, revoked and reissued, or terminated under 40 CFR 144.39 or 144.40. This Permit may be adopted, modified, revoked and reissued, or terminated if primary enforcement authority for this program is delegated to an Indian Tribe or a State. Upon the effective date of delegation, all reports, notifications, questions and other compliance actions shall be directed to the Indian tribe or State Program Director or designee.

Issue Date: MAR 30 2007

Effective Date MAR 30 2007



\_\_\_\_\_  
Stephen S. Tuber  
Assistant Regional Administrator\*  
Office of Partnerships and Regulatory Assistance

\*NOTE: The person holding this title is referred to as the "Director" throughout this Permit.

## PART II. SPECIFIC PERMIT CONDITIONS

### Section A. WELL CONSTRUCTION REQUIREMENTS

These requirements represent the approved minimum construction standards for well casing and cement, injection tubing, and packer.

Details of the approved well construction plan are incorporated into this Permit as APPENDIX A. Changes to the approved plan that may occur during construction must be approved by the Director prior to being physically incorporated.

#### **1. Casing and Cement.**

The well or wells shall be cased and cemented to prevent the movement of fluids into or between underground sources of drinking water. The well casing and cement shall be designed for the life expectancy of the well and of the grade and size shown in APPENDIX A. Remedial cementing may be required if shown to be inadequate by cement bond log or other attempted demonstration of Part II (External) mechanical integrity.

#### **2. Injection Tubing and Packer.**

Injection tubing is required, and shall be run and set with a packer at or below the depth indicated in APPENDIX A. The packer setting depth may be changed provided it remains below the depth indicated in APPENDIX A and the Permittee provides notice and obtains the Director's approval for the change.

#### **3. Sampling and Monitoring Devices.**

The Permittee shall install and maintain in good operating condition:

- (a) a "tap" at a conveniently accessible location on the injection flow line between the pump house or storage tanks and the injection well, isolated by shut-off valves, for collection of representative samples of the injected fluid; and
- (b) one-half (1/2) inch female iron pipe fitting, isolated by shut-off valves and located at the wellhead at a conveniently accessible location, for the attachment of a pressure gauge capable of monitoring pressures ranging from normal operating pressures up to the Maximum Allowable Injection Pressure specified in APPENDIX C:
  - (i) on the injection tubing; and
  - (ii) on the tubing-casing annulus (TCA); and
- (c) a pressure actuated shut-off device attached to the injection flow line set to shut-off the injection pump when or before the Maximum Allowable Injection Pressure specified in APPENDIX C is reached at the wellhead; and
- (d) a non-resettable cumulative volume recorder attached to the injection line.

#### **4. Well Logging and Testing**

Well logging and testing requirements are found in APPENDIX B. The Permittee shall ensure the log and test requirements are performed within the time frames specified in APPENDIX B. Well logs and tests shall be performed according to current EPA-approved procedures. Well log and test results shall be submitted to the Director within sixty (60) days of completion of the logging or testing activity, and shall include a report describing the methods used during logging or testing and an interpretation of the test or log results.

#### **5. Postponement of Construction or Conversion**

The Permittee shall complete well construction within one year of the Effective Date of the Permit, or in the case of an Area Permit within one year of authorization of the additional well. Authorization to construct and operate shall expire if the well has not been constructed within one year of the Effective Date of the Permit or authorization and the Permit may be terminated under 40 CFR 144.40, unless the Permittee has notified the Director and requested an extension prior to expiration. Notification shall be in writing, and shall state the reasons for the delay and provide an estimated completion date. Once Authorization has expired under this part, the complete permit process including opportunity for public comment may be required before Authorization to construct and operate may be reissued.

#### **6. Workovers and Alterations**

Workovers and alterations shall meet all conditions of the Permit. Prior to beginning any addition or physical alteration to an injection well that may significantly affect the tubing, packer or casing, the Permittee shall give advance notice to the Director and obtain the Director's approval. The Permittee shall record all changes to well construction on a Well Rework Record (EPA Form 7520-12), and shall provide this and any other record of well workover, logging, or test data to EPA within sixty (60) days of completion of the activity.

A successful demonstration of Part I MI is required following the completion of any well workover or alteration which affects the casing, tubing, or packer. Injection operations shall not be resumed until the well has successfully demonstrated mechanical integrity and the Director has provided written approval to resume injection.

### **Section B. MECHANICAL INTEGRITY**

The Permittee is required to ensure each injection well maintains mechanical integrity at all times. The Director, by written notice, may require the Permittee to comply with a schedule describing when mechanical integrity demonstrations shall be made.

An injection well has mechanical integrity if:

- (a) There is no significant leak in the casing, tubing, or packer (Part I); and
- (b) There is no significant fluid movement into an underground source of drinking water through vertical channels adjacent to the injection well bore (Part II).

### **1. Demonstration of Mechanical Integrity (MI).**

The operator shall demonstrate MI prior to commencing injection and periodically thereafter. Well-specific conditions dictate the methods and the frequency for demonstrating MI and are discussed in the Statement of Basis. The logs and tests are designed to demonstrate both internal (Part I) and external (Part II) MI as described above. The conditions present at this well site warrant the methods and frequency required in Appendix B of this Permit.

In addition to these regularly scheduled demonstrations of MI, the operator shall demonstrate internal (Part I) MI after any workover which affects the tubing, packer or casing.

The Director may require additional or alternative tests if the results presented by the operator are not satisfactory to the Director to demonstrate there is no movement of fluid into or between USDWs resulting from injection activity. Results of MI tests shall be submitted to the Director as soon as possible but no later than sixty (60) days after the test is complete.

### **2. Mechanical Integrity Test Methods and Criteria**

EPA-approved methods shall be used to demonstrate mechanical integrity. Ground Water Section Guidance No. 34 "Cement Bond Logging Techniques and Interpretation", Ground Water Section Guidance No. 37, "Demonstrating Part II (External) Mechanical Integrity for a Class II injection well permit", and Ground Water Section Guidance No. 39, "Pressure Testing Injection Wells for Part I (Internal) Mechanical Integrity" are available from EPA and will be provided upon request.

The Director may stipulate specific test methods and criteria best suited for a specific well construction and injection operation.

### **3. Notification Prior to Testing.**

The Permittee shall notify the Director at least 30 days prior to any scheduled mechanical integrity test. The Director may allow a shorter notification period if it would be sufficient to enable EPA to witness the mechanical integrity test. Notification may be in the form of a yearly or quarterly schedule of planned mechanical integrity tests, or it may be on an individual basis.

### **4. Loss of Mechanical Integrity.**

If the well fails to demonstrate mechanical integrity during a test, or a loss of mechanical integrity becomes evident during operation (such as presence of pressure in the TCA, water flowing at the surface, etc.), the Permittee shall notify the Director within 24 hours (see Part III Section E Paragraph 11(e) of this Permit) and the well shall be shut-in within 48 hours unless the Director requires immediate shut-in.

Within five days, the Permittee shall submit a follow-up written report that documents test results, repairs undertaken or a proposed remedial action plan.

Injection operations shall not be resumed until after the well has successfully been repaired and demonstrated mechanical integrity, and the Director has provided approval to resume injection.

## **Section C. WELL OPERATION**

**INJECTION BETWEEN THE OUTERMOST CASING PROTECTING UNDERGROUND SOURCES OF DRINKING WATER AND THE WELL BORE IS PROHIBITED.**

Injection is approved under the following conditions:

### **1. Requirements Prior to Commencing Injection.**

Well injection, including for new wells authorized by an Area Permit under 40 CFR 144.33 (c), may commence only after all well construction and pre-injection requirements herein have been met and approved. The Permittee may not commence injection until construction is complete, and

- (a) The Permittee has submitted to the Director a notice of completion of construction and a completed EPA Form 7520-10 or 7520-12; all applicable logging and testing requirements of this Permit (see APPENDIX B) have been fulfilled and the records submitted to the Director; mechanical integrity pursuant to 40 CFR 146.8 and Part II Section B of this Permit has been demonstrated; and
  - (i) The Director has inspected or otherwise reviewed the new injection well and finds it is in compliance with the conditions of the Permit; or
  - (ii) The Permittee has not received notice from the Director of his or her intent to inspect or otherwise review the new injection well within 13 days of the date of the notice in Paragraph 1a, in which case prior inspection or review is waived and the Permittee may commence injection.

### **2. Injection Interval.**

Injection is permitted only within the approved injection interval, listed in APPENDIX C. Additional individual injection perforations may be added provided that they remain within the approved injection interval and the Permittee provides notice to the Director in accordance with Part II, Section A, Paragraph 6.

### **3. Injection Pressure Limitation**

- (a) The permitted Maximum Allowable Injection Pressure (MAIP), measured at the wellhead, is found in APPENDIX C. Injection pressure shall not exceed the amount the Director determines is appropriate to ensure that injection does not initiate new fractures or propagate existing fractures in the confining zone adjacent to USDWs. In no case shall injection pressure cause the movement of injection or formation fluids into a USDW.
- (b) The Permittee may request a change of the MAIP, or the MAIP may be increased or decreased by the Director in order to ensure that the requirements in Paragraph (a) above are fulfilled. The Permittee may be required to conduct a step rate injection test or other suitable test to provide information for determining the fracture pressure of the injection zone. Change of the permitted MAIP by the Director shall be by modification of this Permit and APPENDIX C.

#### **4. Injection Volume Limitation.**

Injection volume is limited to the total volume specified in APPENDIX C.

#### **5. Injection Fluid Limitation.**

Injected fluids are limited to those identified in 40 CFR 144.6(b)(2) as fluids used for enhanced recovery of oil or natural gas, including those which are brought to the surface in connection with conventional oil or natural gas production that may be commingled with waste waters from gas plants which are an integral part of production operations unless those waters are classified as a hazardous waste at the time of injection, pursuant to 40 CFR 144.6(b). Non-exempt wastes, including unused fracturing fluids or acids, gas plant cooling tower cleaning wastes, service wastes and vacuum truck wastes, are NOT approved for injection. This well is NOT approved for commercial brine injection, industrial waste fluid disposal or injection of hazardous waste as defined by CFR 40 Part 261. The Permittee shall provide a listing of the sources of injected fluids in accordance with the reporting requirements in Part II Section D Paragraph 4 and APPENDIX D of this Permit.

#### **6. Tubing-Casing Annulus (TCA)**

The tubing-casing annulus (TCA) shall be filled with water treated with a corrosion inhibitor, or other fluid approved by the Director. The TCA valve shall remain closed during normal operating conditions and the TCA pressure shall be maintained at zero (0) psi.

If TCA pressure cannot be maintained at zero (0) psi, the Permittee shall follow the procedures in Ground Water Section Guidance No. 35 "Procedures to follow when excessive annular pressure is observed on a well."

### **Section D. MONITORING, RECORDKEEPING, AND REPORTING OF RESULTS**

#### **1. Monitoring Parameters, Frequency, Records and Reports.**

Monitoring parameters are specified in APPENDIX D. Pressure monitoring recordings shall be taken at the wellhead. The listed parameters are to be monitored, recorded and reported at the frequency indicated in APPENDIX D even during periods when the well is not operating.

Monitoring records must include:

- (a) the date, time, exact place and the results of the observation, sampling, measurement, or analysis, and;
- (b) the name of the individual(s) who performed the observation, sampling, measurement, or analysis, and;
- (c) the analytical techniques or methods used for analysis.

#### **2. Monitoring Methods.**

- (a) Monitoring observations, measurements, samples, etc. taken for the purpose of complying with these requirements shall be representative of the activity or condition being monitored.

- (b) Methods used to monitor the nature of the injected fluids must comply with analytical methods cited and described in Table 1 of 40 CFR 136.3 or Appendix III of 40 CFR 261, or by other methods that have been approved in writing by the Director.
- (c) Injection pressure, annulus pressure, injection rate, and cumulative injected volumes shall be observed and recorded at the wellhead under normal operating conditions, and all parameters shall be observed simultaneously to provide a clear depiction of well operation.
- (d) Pressures are to be measured in pounds per square inch (psi).
- (e) Fluid volumes are to be measured in standard oil field barrels (bbl).
- (f) Fluid rates are to be measured in barrels per day (bbl/day).

### **3. Records Retention.**

- (a) Records of calibration and maintenance, and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit shall be retained for a period of AT LEAST THREE (3) YEARS from the date of the sample, measurement, report, or application. This period may be extended anytime prior to its expiration by request of the Director.
- (b) Records of the nature and composition of all injected fluids must be retained until three (3) years after the completion of any plugging and abandonment (P&A) procedures specified under 40 CFR 144.52(a)(6) or under Part 146 Subpart G, as appropriate. The Director may require the Permittee to deliver the records to the Director at the conclusion of the retention period. The Permittee shall continue to retain the records after the three (3) year retention period unless the Permittee delivers the records to the Director or obtains written approval from the Director to discard the records.
- (c) The Permittee shall retain records at the location designated in APPENDIX D.

### **4. Annual Reports.**

Whether the well is operating or not, the Permittee shall submit an Annual Report to the Director that summarizes the results of the monitoring required by Part II Section D and APPENDIX D.

The first Annual Report shall cover the period from the effective date of the Permit through December 31 of that year. Subsequent Annual Reports shall cover the period from January 1 through December 31 of the reporting year. Annual Reports shall be submitted by February 15 of the year following data collection. EPA Form 7520-11 may be copied and shall be used to submit the Annual Report, however, the monitoring requirements specified in this Permit are mandatory even if EPA Form 7520-11 indicates otherwise.

## **Section E. PLUGGING AND ABANDONMENT**

**1. Notification of Well Abandonment, Conversion or Closure.**

The Permittee shall notify the Director in writing at least forty-five (45) days prior to: 1) plugging and abandoning an injection well, 2) converting to a non-injection well, and 3) in the case of an Area Permit, before closure of the project.

**2. Well Plugging Requirements**

Prior to abandonment, the injection well shall be plugged with cement in a manner which isolates the injection zone and prevents the movement of fluids into or between underground sources of drinking water, and in accordance with 40 CFR 146.10 and other applicable federal, State or local law or regulations. Tubing, packer and other downhole apparatus shall be removed. Cement with additives such as accelerators and retarders that control or enhance cement properties may be used for plugs; however, volume-extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.6 lb/gal shall be placed between all plugs. A minimum 50 ft surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. Prior to placement of the cement plug(s) the well shall be in a state of static equilibrium with the mud weight equalized top to bottom, either by circulating the mud in the well at least once or by a comparable method prescribed by the Director.

**3. Approved Plugging and Abandonment Plan.**

The approved plugging and abandonment plan is incorporated into this Permit as APPENDIX E. Changes to the approved plugging and abandonment plan must be approved by the Director prior to beginning plugging operations. The Director also may require revision of the approved plugging and abandonment plan at any time prior to plugging the well.

**4. Forty Five (45) Day Notice of Plugging and Abandonment.**

The Permittee shall notify the Director at least forty-five (45) days prior to plugging and abandoning a well and provide notice of any anticipated change to the approved plugging and abandonment plan.

**5. Plugging and Abandonment Report.**

Within sixty (60) days after plugging a well, the Permittee shall submit a report (EPA Form 7520-13) to the Director. The plugging report shall be certified as accurate by the person who performed the plugging operation. Such report shall consist of either:

- (a) A statement that the well was plugged in accordance with the approved plugging and abandonment plan; or
- (b) Where actual plugging differed from the approved plugging and abandonment plan, an updated version of the plan, on the form supplied by the Director, specifying the differences.

**6. Inactive Wells.**

After any period of two years during which there is no injection the Permittee shall plug and abandon the well in accordance with Part II Section E Paragraph 2 of this Permit unless the Permittee:

- (a) Provides written notice to the Director;
- (b) Describes the actions or procedures the Permittee will take to ensure that the well will not endanger USDWs during the period of inactivity. These actions and procedures shall include compliance with mechanical integrity demonstration, Financial Responsibility and all other permit requirements designed to protect USDWs; and
- (c) Receives written notice by the Director temporarily waiving plugging and abandonment requirements.

## **PART III. CONDITIONS APPLICABLE TO ALL PERMITS**

### **Section A. EFFECT OF PERMIT**

The Permittee is allowed to engage in underground injection in accordance with the conditions of this Permit. The Permittee shall not construct, operate, maintain, convert, plug, abandon, or conduct any other activity in a manner that allows the movement of fluid containing any contaminant into underground sources of drinking water, if the presence of that contaminant may cause a violation of any primary drinking water regulation under 40 CFR 142 or may otherwise adversely affect the health of persons. Any underground injection activity not authorized by this Permit or by rule is prohibited. Issuance of this Permit does not convey property rights of any sort or any exclusive privilege; nor does it authorize any injury to persons or property, any invasion of other private rights, or any infringement of State or local law or regulations. Compliance with the terms of this Permit does not constitute a defense to any enforcement action brought under the provisions of Section 1431 of the Safe Drinking Water Act (SDWA) or any other law governing protection of public health or the environment, for any imminent and substantial endangerment to human health or the environment, nor does it serve as a shield to the Permittee's independent obligation to comply with all UIC regulations. Nothing in this Permit relieves the Permittee of any duties under applicable regulations.

### **Section B. CHANGES TO PERMIT CONDITIONS**

#### ***1. Modification, Reissuance, or Termination.***

The Director may, for cause or upon a request from the Permittee, modify, revoke and reissue, or terminate this Permit in accordance with 40 CFR 124.5, 144.12, 144.39, and 144.40. Also, this Permit is subject to minor modification for causes as specified in 40 CFR 144.41. The filing of a request for modification, revocation and reissuance, termination, or the notification of planned changes or anticipated noncompliance on the part of the Permittee does not stay the applicability or enforceability of any condition of this Permit.

#### ***2. Conversions.***

The Director may, for cause or upon a written request from the Permittee, allow conversion of the well from a Class II injection well to a non-Class II well. Conversion may not proceed until the Permittee receives written approval from the Director. Conditions of such conversion may include but are not limited to, approval of the proposed well rework, follow up demonstration of mechanical integrity, well-specific monitoring and reporting following the conversion, and demonstration of practical use of the converted configuration.

#### ***3. Transfer of Permit.***

Under 40 CFR 144.38, this Permit is transferable provided the current Permittee notifies the Director at least thirty (30) days in advance of the proposed transfer date (EPA Form 7520-7) and provides a written agreement between the existing and new Permittees containing a specific date for transfer of Permit responsibility, coverage and liability between them. The notice shall adequately demonstrate that the financial responsibility requirements of 40 CFR 144.52(a)(7) will be met by the new Permittee. The Director may require modification or revocation and reissuance of the Permit to change the name of the Permittee and incorporate such other requirements as may be necessary under the Safe Drinking Water Act; in some cases, modification or revocation and reissuance is mandatory.

#### **4. Permittee Change of Address.**

Upon the Permittee's change of address, or whenever the operator changes the address where monitoring records are kept, the Permittee must provide written notice to the Director within 30 days.

#### **5. Construction Changes, Workovers, Logging and Testing Data**

The Permittee shall give advance notice to the Director, and shall obtain the Director's written approval prior to any physical alterations or additions to the permitted facility. Alterations or workovers shall meet all conditions as set forth in this permit. The Permittee shall record any changes to the well construction on a Well Rework Record (EPA Form 7520-12), and shall provide this and any other record of well workovers, logging, or test data to EPA within sixty (60) days of completion of the activity.

Following the completion of any well workovers or alterations which affect the casing, tubing, or packer, a successful demonstration of mechanical integrity (Part III, Section F of this permit) shall be made, and written authorization from the Director received, prior to resuming injection activities.

### **Section C. SEVERABILITY**

The Provisions of this Permit are severable, and if any provision of this Permit or the application of any provision of this Permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this Permit shall not be affected thereby.

### **Section D. CONFIDENTIALITY**

In accordance with 40 CFR Part 2 and 40 CFR 144.5, information submitted to EPA pursuant to this Permit may be claimed as confidential by the submitter. Any such claim must be asserted at the time of submission by stamping the words "confidential business information" on each page containing such information. If no claim is made at the time of submission, EPA may make the information available to the public without further notice. If a claim is asserted, the validity of the claim will be assessed in accordance with the procedures in 40 CFR Part 2 (Public Information). Claims of confidentiality for the following information will be denied:

- The name and address of the Permittee, and
- information which deals with the existence, absence or level of contaminants in drinking water.

### **Section E. GENERAL PERMIT REQUIREMENTS**

#### **1. Duty to Comply.**

The Permittee must comply with all conditions of this Permit. Any noncompliance constitutes a violation of the Safe Drinking Water Act (SDWA) and is grounds for enforcement action; for Permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application; except that the Permittee need not comply with the provisions of this Permit to the extent and for the duration such noncompliance is authorized in an emergency permit under 40 CFR 144.34. All violations of the SDWA may subject the Permittee to penalties and/or criminal prosecution as specified in Section 1423 of the SDWA.

## **2. Duty to Reapply.**

If the Permittee wishes to continue an activity regulated by this Permit after the expiration date of this Permit, under 40 CFR 144.37 the Permittee must apply for a new permit prior to the expiration date.

## **3. Need to Halt or Reduce Activity Not a Defense.**

It shall not be a defense for a Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this Permit.

## **4. Duty to Mitigate.**

The Permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this Permit.

## **5. Proper Operation and Maintenance.**

The Permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the Permittee to achieve compliance with the conditions of this Permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of this Permit.

## **6. Permit Actions.**

This Permit may be modified, revoked and reissued or terminated for cause. The filing of a request by the Permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

## **7. Property Rights.**

This Permit does not convey any property rights of any sort, or any exclusive privilege.

## **8. Duty to Provide Information.**

The Permittee shall furnish to the Director, within a time specified, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The Permittee shall also furnish to the Director, upon request, copies of records required to be kept by this Permit. The Permittee is required to submit any information required by this Permit or by the Director to the mailing address designated in writing by the Director.

## **9. Inspection and Entry.**

The Permittee shall allow the Director, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:

- (a) Enter upon the Permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this Permit;

- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Permit;
- (c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Permit; and,
- (d) Sample or monitor at reasonable times, for the purpose of assuring permit compliance or as otherwise authorized by the SDWA, any substances or parameters at any location.

**10. Signatory Requirements.**

All applications, reports or other information submitted to the Director shall be signed and certified according to 40 CFR 144.32. This section explains the requirements for persons duly authorized to sign documents, and provides wording for required certification.

**11. Reporting Requirements.**

- (a) Planned changes. The Permittee shall give notice to the Director as soon as possible of any planned changes, physical alterations or additions to the permitted facility, and prior to commencing such changes.
- (b) Anticipated noncompliance. The Permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- (c) Monitoring Reports. Monitoring results shall be reported at the intervals specified in this Permit.
- (d) Compliance schedules. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than 30 days following each schedule date.
- (e) Twenty-four hour reporting. The Permittee shall report to the Director any noncompliance which may endanger human health or the environment, including:
  - (i) Any monitoring or other information which indicates that any contaminant may cause endangerment to a USDW; or
  - (ii) Any noncompliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between USDWs.

Information shall be provided, either directly or by leaving a message, within twenty-four (24) hours from the time the permittee becomes aware of the circumstances by telephoning (800) 227-8917 and requesting EPA Region VIII UIC Program Compliance and Technical Enforcement Director, or by contacting the EPA Region VIII Emergency Operations Center at (303) 293-1788.

In addition, a follow up written report shall be provided to the Director within five (5) days of the time the Permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause, the period of noncompliance including exact dates and times, and if the noncompliance has not been corrected the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

- (f) Oil Spill and Chemical Release Reporting: The Permittee shall comply with all reporting requirements related to the occurrence of oil spills and chemical releases by contacting the National Response Center (NRC) at (800) 424-8802, (202) 267-2675, or through the NRC website <http://www.nrc.uscg.mil/index.htm>.
- (g) Other Noncompliance. The Permittee shall report all instances of noncompliance not reported under paragraphs Part III, Section E Paragraph 11(b) or Section E, Paragraph 11(e) at the time the monitoring reports are submitted. The reports shall contain the information listed in Paragraph 11(e) of this Section.
- (h) Other information. Where the Permittee becomes aware that it failed to submit any relevant facts in the permit application, or submitted incorrect information in a permit application or in any report to the Director, the Permittee shall promptly submit such facts or information to the Director.

## **Section F. FINANCIAL RESPONSIBILITY**

### ***1. Method of Providing Financial Responsibility.***

The Permittee shall maintain continuous compliance with the requirement to maintain financial responsibility and resources to close, plug, and abandon the underground injection well(s). No substitution of a demonstration of financial responsibility shall become effective until the Permittee receives written notification from the Director that the alternative demonstration of financial responsibility is acceptable. The Director may, on a periodic basis, require the holder of a permit to revise the estimate of the resources needed to plug and abandon the well to reflect changes in such costs and may require the Permittee to provide a revised demonstration of financial responsibility.

### ***2. Insolvency.***

In the event of:

- (a) the bankruptcy of the trustee or issuing institution of the financial mechanism; or
- (b) suspension or revocation of the authority of the trustee institution to act as trustee; or

- (c) the institution issuing the financial mechanism losing its authority to issue such an instrument

the Permittee must notify the Director in writing, within ten (10) business days, and the Permittee must establish other financial assurance or liability coverage acceptable to the Director within sixty (60) days after any event specified in (a), (b), or (c) above.

The Permittee must also notify the Director by certified mail of the commencement of voluntary or involuntary proceedings under Title 11 (Bankruptcy), U.S. Code naming the owner or operator as debtor, within ten (10) business days after the commencement of the proceeding. A guarantor, if named as debtor of a corporate guarantee, must make such a notification as required under the terms of the guarantee.

## APPENDIX A

### WELL CONSTRUCTION REQUIREMENTS

See diagram.

The Federal No. 9-4-9-18 was drilled to a total depth of 6005 (KB) feet in the Basal Carbonate Member of the Green River Formation.

Surface casing (8-5/8 inch) was set at a depth of 312 feet in a 12-1/4 inch hole using 160 sacks of Class "G" cement which was circulated to the surface.

Production casing (5-1/2 inch) was set at a depth of 5995 feet (KB) in a 7-7/8 inch hole with 400 sacks of Premium Lite II and 450 sacks of 50/50 poz mix. This well construction is considered adequate to protect USDW's.

The EPA calculates the top of cement as 496 feet from the surface.

The schematic diagram shows the proposed injection perforations in the Garden Gulch and Douglas Creek Members of the Green River Formation. Additional perforations may be added at a later time between the depths of 3750 feet and the top of the Wasatch Formation (Estimated to be 6071 feet) provided the operator first notifies the Director and later submits an updated well completion report (EPA Form 7520-12) and schematic diagram.

The packer will be required to be set no higher than 100 feet above the top perforation.

Federal 9-4-9-18

Spud Date: 1/19/05  
 Put on Production: ...  
 GL: 4941' KB: 4953'

Initial Production: BOPD,  
 MCFD, BWPD

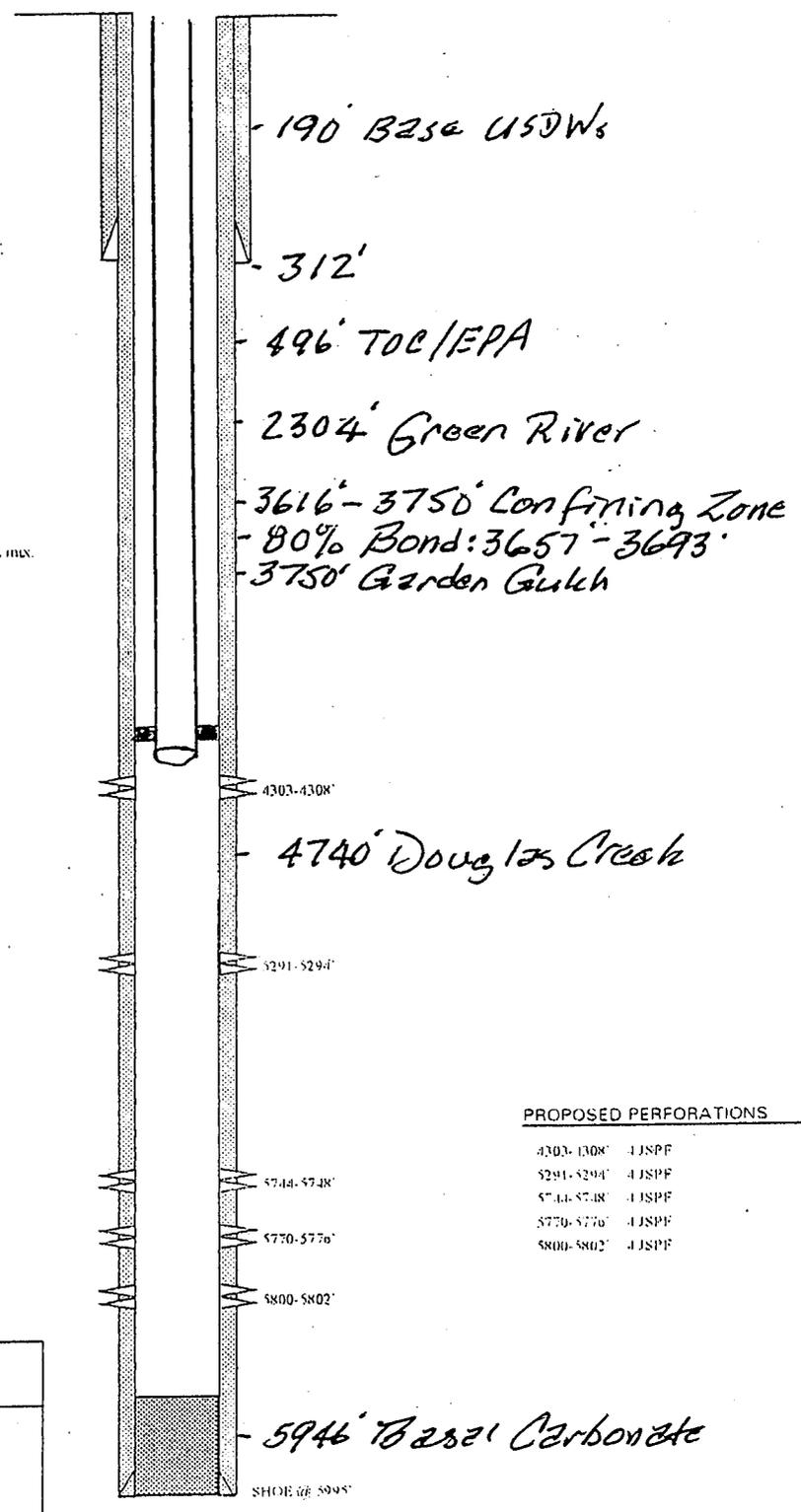
Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (304.42')  
 DEPTH LANDED: 312.42' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 160sxs Class "G" mixed cement, est 5 bbls cement to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 142 jts. (5996.57')  
 DEPTH LANDED: 5994.57' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 400 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ mix.  
 CEMENT TOP AT



PROPOSED PERFORATIONS

|            |        |
|------------|--------|
| 4303-4308' | 1 JSPF |
| 5291-5294' | 1 JSPF |
| 5744-5748' | 1 JSPF |
| 5770-5776' | 1 JSPF |
| 5800-5802' | 1 JSPF |

**NEWFIELD**  
 Newfield Production  
 Federal 9-4-9-18  
 2177 FSL & 671 FEL  
 NE/SE Section 4-T9S-R18E  
 Utah County Utah  
 API #43-047-35475 Lease #UTU-17424

TD @ 6005'  
 - Est. Match @ 6071'

## APPENDIX B

### LOGGING AND TESTING REQUIREMENTS

#### Logs.

Logs will be conducted according to current UIC guidance. It is the responsibility of the permittee to obtain and use guidance prior to conducting any well logging required as a condition of this permit.

#### NO LOGGING REQUIREMENTS

#### Tests.

Tests will be conducted according to current UIC guidance. It is the responsibility of the permittee to obtain and use guidance prior to conducting any well test required as a condition of this permit.

|                                    |   |
|------------------------------------|---|
| <b>WELL NAME:</b> Federal 9-4-9-18 |   |
| <b>TYPE OF TEST</b>                | <b>DATE DUE</b>   |
| Step Rate Test                     | Within 180 days following commencement of injection.  |
| Standard Annulus Pressure          | Prior to receiving authorization to inject and at least once every five (5) years thereafter. |
| Pore Pressure                      | Prior to receiving authorization to inject.   |

# APPENDIX C

## OPERATING REQUIREMENTS

### MAXIMUM ALLOWABLE INJECTION PRESSURE:

Maximum Allowable Injection Pressure (MAIP) as measured at the surface shall not exceed the pressure(s) listed below.

| WELL NAME        | MAXIMUM ALLOWED INJECTION PRESSURE (psi) |
|------------------|--|
|                  | ZONE 1 (Upper)                           |
| Federal 9-4-9-18 | 1,030                                    |

### INJECTION INTERVAL(S):

Injection is permitted only within the approved injection interval listed below. Injection perforations may be altered provided they remain within the approved injection interval and the Permittee provides notice to the Director in accordance with Part II, Section A, Paragraph 6. Specific injection perforations can be found in Appendix A.

| WELL NAME: Federal 9-4-9-18 | APPROVED INJECTION INTERVAL (KB, ft) |        | FRACTURE GRADIENT (psi/ft) |
|-----------------------------|--------------------------------------|--------|----------------------------|
|                             | TOP                                  | BOTTOM |                            |
| FORMATION NAME              |                                      |        |                            |
| Green River                 | 2,304.00 - 6,071.00                  |        | 0.680                      |

### ANNULUS PRESSURE:

The annulus pressure shall be maintained at zero (0) psi as measured at the wellhead. If this pressure cannot be maintained, the Permittee shall follow the procedures listed under Part II, Section C. 6. of this permit.

### MAXIMUM INJECTION VOLUME:

There is no limitation on the number of barrels per day (bbls/day) of water that shall be injected into this well, provided further that in no case shall injection pressure exceed that limit shown in Appendix C.

## APPENDIX D

### MONITORING AND REPORTING PARAMETERS

This is a listing of the parameters required to be observed, recorded, and reported. Refer to the permit Part II, Section D, for detailed requirements for observing, recording, and reporting these parameters.

| OBSERVE MONTHLY AND RECORD AT LEAST ONCE EVERY THIRTY DAYS |   |
|--|---|
| <b>OBSERVE<br/>AND<br/>RECORD</b>                          | Injection pressure (psig)                                   |
|  | Annulus pressure(s) (psig)                                  |
|  | Injection rate (bbl/day)                                    |
|  | Fluid volume injected since the well began injecting (bbls) |

| ANNUALLY       |  |
|----------------|--|
| <b>ANALYZE</b> | Injected fluid total dissolved solids (mg/l) |
|                | Injected fluid specific gravity              |
|                | Injected fluid specific conductivity         |
|                | Injected fluid pH                            |

| ANNUALLY      |  |
|---------------|--|
| <b>REPORT</b> | Each month's maximum and averaged injection pressures (psig) |
|               | Each month's maximum and averaged annulus pressure(s) (psig) |
|               | Each month's averaged injection rate (bbl/day)               |
|               | Fluid volume injected since the well began injecting (bbl)   |
|               | Written results of annual injected fluid analysis            |
|               | Sources of all fluids injected during the year               |

Records of all monitoring activities must be retained and made available for inspection at the following location:

**Newfield production Company**  
**1401 Seventeenth Street - Suite 1000**  
**Denver, CO 80202**

## APPENDIX E

### PLUGGING AND ABANDONMENT REQUIREMENTS

See diagram.

All cement plugs will be set with tubing.

9.2 ppg plugging gel, or fresh water weighted with bentonite or treated brine will be placed between all cement plugs.

The following Plugging and Abandonment Plan, as proposed by the permittee, is predicated on the permittee not revising the injection perforations as cited on the schematic diagram of well construction/conversion. Should the uppermost perforations (4303 feet to 4308 feet) be modified in construction, the EPA will modify the P&A Plan accordingly.

PLUG NO. 1: A Cast Iron Bridge Plug (CIBP) is proposed at 4208 feet with 100 feet of Class "G" cement on CIBP.

PLUG NO. 2: A Class "G" cement plug from 2000 feet to 2400 feet. This plug will cover both a water zone and the top of the Green River Formation.

PLUG NO. 3: Circulate Class "G" cement down the 5-1/2 inch casing to 362 feet and up the 5-1/2 inch X 8-5/8 inch annulus to the surface.

Federal 9-4-9-18

Spud Date: 1/19/05  
 Put on Production: -----  
 GL: 4941' KB: 4953'

Initial Production: BOPD,  
 MCFD, BWPD

Proposed P & A  
 Wellbore Diagram

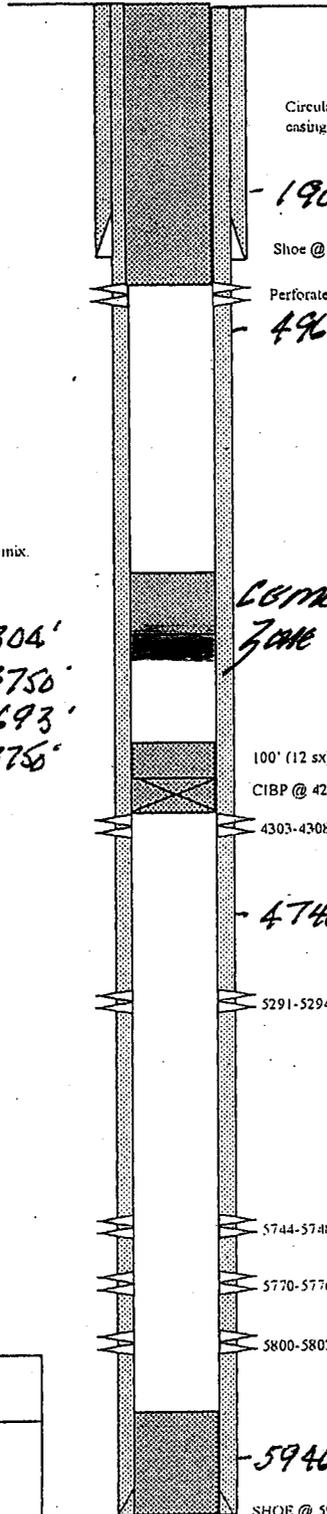
SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (304.42')  
 DEPTH LANDED: 312.42' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 160sxs Class "G" mixed emt, est 5 bbls emt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 142 jts. (5996.57')  
 DEPTH LANDED: 5994.57' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 400 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ mix.  
 CEMENT TOP AT:

*Green River 2304'  
 Confining Zone 3616'-3750'  
 80% Band 3657'-3693'  
 Gordon Gulch 3750'*



Circulate 113 ss Class G Cement down 5-1/2" casing and up the 5-1/2" x 8-5/8" annulus

*- 190' Base USDWs*

Shoe @ 312'

Perforate 4 JSPF @ 362'

*- 496' TOL/EPA*

*Cement plug 2000'-2400' over water zone mid top of Green River*

100' (12 sx) Class G Cement plug on top of CIBP

CIBP @ 4208'

4303-4308'

*- 4740' Douglas Creek*

5291-5294'

PROPOSED PERFORATIONS

|            |        |
|------------|--------|
| 4303-4308' | 4 JSPF |
| 5291-5294' | 4 JSPF |
| 5744-5748' | 4 JSPF |
| 5770-5776' | 4 JSPF |
| 5800-5802' | 4 JSPF |

5744-5748'

5770-5776'

5800-5802'

*- 5946' Bassal Carbonate*

SHOE @ 5995'

TD @ 6005'

*Est. IN 252th 6071'*

NEWFIELD

Newfield Production

Federal 9-4-9-18

2177' FSL & 671' FEL

NE/SE Section 4-T9S-R18E

Uintah County, Utah

API #43-047-35475, Lease #UTU-17424

## APPENDIX F

### CORRECTIVE ACTION REQUIREMENTS

No corrective action is deemed necessary for this project.

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-17424

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
SUNDANCE UNIT

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
FEDERAL 9-4-9-18

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4304735475

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: 2177 FSL 671 FEL

COUNTY: UINTAH

OTR/OTR SECTION. TOWNSHIP. RANGE. MERIDIAN: NESE, 4, T9S, R18E

STATE: UT

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

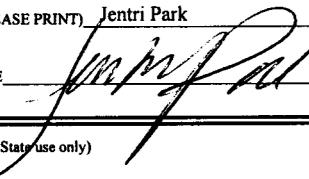
| TYPE OF SUBMISSION   | TYPE OF ACTION  |   |  |
|--|---|---|--|
| <input checked="" type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br><br>Approximate date work will<br><u>05/08/2007</u> | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <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"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br><br>Date of Work Completion: _____                      | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARITLY ABANDON                      |
|  | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR                             |
|  | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLAIR                             |
|  | <input type="checkbox"/> CHANGE WELL NAME               | <input type="checkbox"/> PLUG BACK                        | <input type="checkbox"/> WATER DISPOSAL                            |
|  | <input type="checkbox"/> CHANGE WELL STATUS             | <input type="checkbox"/> PRODUCTION (START/STOP)          | <input type="checkbox"/> WATER SHUT-OFF                            |
|  | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE         | <input checked="" type="checkbox"/> OTHER: - Monthly 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.

Operations Suspended

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE 

DATE 05/08/2007

(This space for State use only)

**RECEIVED**

**MAY 09 2007**

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



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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-17424

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
SUNDANCE UNIT

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
FEDERAL 9-4-9-18

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4304735475

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: 2177 FSL 671 FEL

COUNTY: UINTAH

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESE, 4, T9S, R18E

STATE: UT

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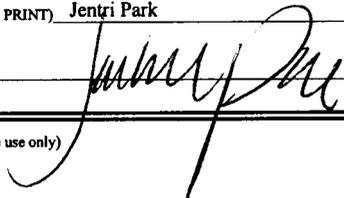
| TYPE OF SUBMISSION   | TYPE OF ACTION  |   |  |
|--|---|---|--|
| <input type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br><br>Approximate date work will<br><br><hr/>                  | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION             |
|  | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL                  |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br><br>Date of Work Completion:<br>07/03/2007 | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARITLY ABANDON                      |
|  | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR                             |
|  | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLAIR                             |
|  | <input type="checkbox"/> CHANGE WELL NAME               | <input type="checkbox"/> PLUG BACK                        | <input type="checkbox"/> WATER DISPOSAL                            |
|  | <input type="checkbox"/> CHANGE WELL STATUS             | <input type="checkbox"/> PRODUCTION (START/STOP)          | <input type="checkbox"/> WATER SHUT-OFF                            |
|  | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE         | <input checked="" type="checkbox"/> OTHER: - Monthly 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.

Operations Suspended

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE 

DATE 07/03/2007

(This space for State use only)

**RECEIVED**  
**JUL 05 2007**

DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
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PHONE NUMBER  
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COUNTY: UINTAH

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESE, 4, T9S, R18E

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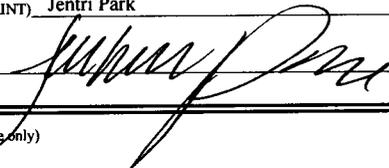
| TYPE OF SUBMISSION   | TYPE OF ACTION  |   |  |
|--|---|---|--|
| <input type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br><br>Approximate date work will<br><br><hr/>                      | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION             |
|  | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL                  |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br><br>Date of Work Completion:<br><br>08/03/2007 | <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                             |
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|  | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE         | <input checked="" type="checkbox"/> OTHER: - Monthly Status Report |
|  | <input type="checkbox"/> CONVERT WELL TYPE              | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION |  |

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Operations Suspended

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE 

DATE 08/03/2007

(This space for State use only)

RECEIVED

AUG 07 2007

DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-17424

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
SUNDANCE UNIT

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
FEDERAL 9-4-9-18

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4304735475

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: 2177 FSL 671 FEL COUNTY: UINTAH

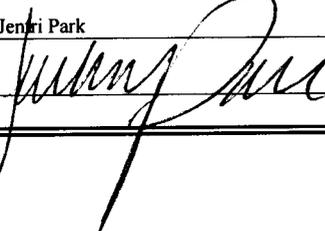
OTR/OTR SECTION. TOWNSHIP. RANGE. MERIDIAN: NESE, 4, T9S, R18E STATE: UT

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<br>(Submit in Duplicate)<br><br>Approximate date work will<br>_____                      | <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<br>(Submit Original Form Only)<br><br>Date of Work Completion:<br>09/05/2007 | <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 - Monthly 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.  
Operations Suspended

NAME (PLEASE PRINT) Jennifer Park TITLE Production Clerk

SIGNATURE  DATE 09/05/2007

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**RECEIVED**  
**SEP 10 2007**  
DIV. OF OIL, GAS & MINING

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

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OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESE, 4, T9S, R18E

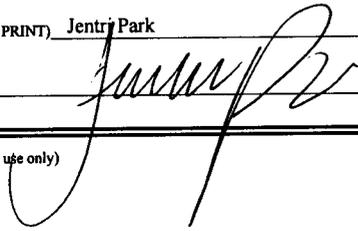
COUNTY: UINTAH  
STATE: UT

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| TYPE OF SUBMISSION  | TYPE OF ACTION  |   |  |
|---|---|---|--|
| <input type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br>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<br>(Submit Original Form Only)<br>Date of Work Completion: 09/12/2007 | <input type="checkbox"/> CHANGE WELL NAME               | <input type="checkbox"/> PLUG BACK                        | <input type="checkbox"/> WATER DISPOSAL                |
|   | <input checked="" 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 type="checkbox"/> OTHER: -                      |
|   | <input checked="" 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 as an injector on 05/29/07, attached is a daily completion status report. On 08/20/07 Dan Jackson with the EPA was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 08/30/07. On 08/30/07 the casing was pressured up to 1200 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT21044-07102 API# 43-047-35475

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

NAME (PLEASE PRINT) Jentry Park TITLE Production Clerk  
SIGNATURE  DATE 09/12/2007

(This space for State use only)

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SEP 14 2007**

DIV. OF OIL, GAS & MINING

## Daily Activity Report

Format For Sundry

**FEDERAL 9-4-9-18**

**3/1/2007 To 7/30/2007**

**5/23/2007 Day: 2**

**Completion**

Rigless on 5/22/2007 - Install 5K frac head. NU 6" 5M Cameron BOP. RU Perforators WLT, crane & lubricator. RIH w/ 6', 7', 8' & 6' perf gun. Perforate CP4 sds @ 5800-5806', 5770-5777', 5742-5750', RU BJ Services & pressure well up to 2000 psi. Perforate CP3 sds @ 5690-5696' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 108 shots. RU BJ Services. 589 psi on well. Pressured up to 4200 psi, Would not breakdown. RU Perforators & dump bail acid (2 runs due to misfire). RU BJ Services. 0 psi on well. Frac CP3 & CP4 sds w/ 29,779#'s of 20/40 sand in 389 bbls of Lightning 17 fluid. Broke @ 3129 psi. Treated w/ ave pressure of 1514 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 1330 psi. Leave pressure on well. 530 BWTR RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug, 9' & 18' perf gun. Set plug @ 5660'. RU BJ Services & hold 2000 psi on well. Perforate CP2 sds @ 5610- 19', CP1 sds @ 5562-5580' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 108 shots (2 runs). RU BJ Services. 842 psi on well. Frac CP1 & CP2 sds w/ 19,567#'s of 20/40 sand in 303 bbls of Lightning 17 fluid. Broke @ 2120 psi. Treated w/ ave pressure of 1884 psi @ ave rate of BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 1723 psi. Leave pressure on well. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug & 3' perf gun. Set plug @ 5400'. Perforate LODC sds @ 5291- 94' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 12 shots. SIWFN w/ 833 BWTR.

**5/24/2007 Day: 3**

**Completion**

Rigless on 5/23/2007 - RU BJ Services. 650 psi on well. Frac LODC sds w/ 15,073#'s of 20/40 sand in 277 bbls of Lightning 17 fluid. Broke @ 2039 psi. Treated w/ ave pressure of 2654 psi @ ave rate of 24.4 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2681 psi. Leave pressure on well. 1110 BWTR. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug & 10' perf gun. Set plug @ 5170'. RU BJ Services & hold 3500 psi on well. Perforate B2 sds @ 5074- 84' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 40 shots. RU BJ Services. 1899 psi on well. Frac B2 sds w/ 15,206#'s of 20/40 sand in 250 bbls of Lightning 17 fluid. Broke @ 3858 psi. Treated w/ ave pressure of 2235 psi @ ave rate of 24.6 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 2005 psi. Leave pressure on well. 1360 BWTR RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug & 10' perf gun. Set plug @ 4830'. RU BJ Services & hold 3500 psi on well. Perforate DS3 sds @ 4718- 28' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 40 shots. RU BJ Services. 1661 psi on well. Frac DS3 sds w/ 19,689#'s of 20/40 sand in 262 bbls of Lightning 17 fluid. Broke @ 3025 psi. Treated w/ ave pressure of 2191 psi @ ave rate of 24.7 BPM. ISIP 1858 psi. Begin immediate flowback on 12/64 choke. Flowed for 2 hrs. Rec 115 BTF. MIRU Western #4. ND Cameron BOP & 5M WH. NU 3M WH & Schaffer BOP. Talley, PU & RIH w/ 4 3/4" bit, bit sub & 148 jts of 2 7/8 J-55 blue band tbg. EOT @ 4714' RU pump & lines.

**5/25/2007 Day: 4**

**Completion**

Western #4 on 5/24/2007 - PU & RIH w/ tbg. Tagged sand @ 4805'. RU Nabors power swivel. Circulate sand out & drill up plugs. Sand @ 4805', 1st plug @ 4830' (Drilled up in 24 mins). Sand @ 5136', 2nd plug @ 5170' (Drilled up in 28 mins). Sand @ 5348', 3rd plug @ 5400' (Drilled up in 36 min). Sand @ 5620', 4th plug @ 5660' (Drilled up in 36 mins). Tagged sand @ 5828'. Clean out to PBTD @ 5952'. RD Nabors power swivel. LD 42 jts of 2 7/8 blue band tbg. POOH w/ tbg breaking & doping every connection w/ Liquid O-ring. 93 jts out. SIWFN w/ EOT @ 1663'.

---

**5/26/2007 Day: 5**

**Completion**

Western #4 on 5/25/2007 - Bleed off well. Cont. POOH, breaking & teflon doping collars. LD BHA. RIH w/ 5 1/2" Arrowset1 pkr., PSN & 64 jts 2 7/8" tbg. Drop standing valve. Pressure test tbg. to 3500 psi. Lost 125 psi in 5 min. POOH w/ 20 jts 2 7/8" tbg. Pressure test tbg. to 3500 psi. Lost 200 psi in 5 min. POOH w/ 20 jts 2 7/8" tbg. Found bad collar. Pressure test tbg. to 3000 psi. Good test. RIH w/ 40 jts 2 7/8" tbg. Good pressure test to 3000 psi. RIH w/ 40 jts 2 7/8" tbg. Pressure test tbg. to 3000 psi. Lost 125 psi in 5 min. Found another bad collar. Change out collar & pressure test tbg. to 3000 psi. w/ no bleedoff. RIH w/ overshot on sandline. Retrieve standing valve. ND BOP. Pump 55 bbls fresh water w/ pkr. fluid down csg. Set AS1 pkr. @ 4633' w/ 17,000# tension. NU wellhead. Pressure csg. to 1400 psi. SWIFN.

---

**5/30/2007 Day: 6**

**Completion**

Western #4 on 5/29/2007 - Pressure test csg. to 1400 psi for 30 min. w/ no bleedoff. Well ready for MIT.

---

**Pertinent Files: Go to File List**

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 8/30/07  
 Test conducted by: Trefley J. Reese  
 Others present: \_\_\_\_\_

|   |              |  |
|---|--------------|--|
| Well Name: <u>Fed 9-4-9-18</u>  | Type: ER SWD | Status: AC TA UC                       |
| Field: <u>MONUMENT BUTTE</u>  |              |  |
| Location: <u>NE/SE</u> Sec: <u>4 T 9 N 18 R 18 E</u> W County: <u>UINTAH</u> State: <u>UT</u> |              |  |
| Operator: <u>Newfield</u>   |              |  |
| Last MIT: <u>  /  /  </u>   |              | Maximum Allowable Pressure: _____ PSIG |

Is this a regularly scheduled test?     Yes     No  
 Initial test for permit?                 Yes     No  
 Test after well rework?                 Yes     No  
 Well injecting during test?             Yes     No      If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: 0 psig

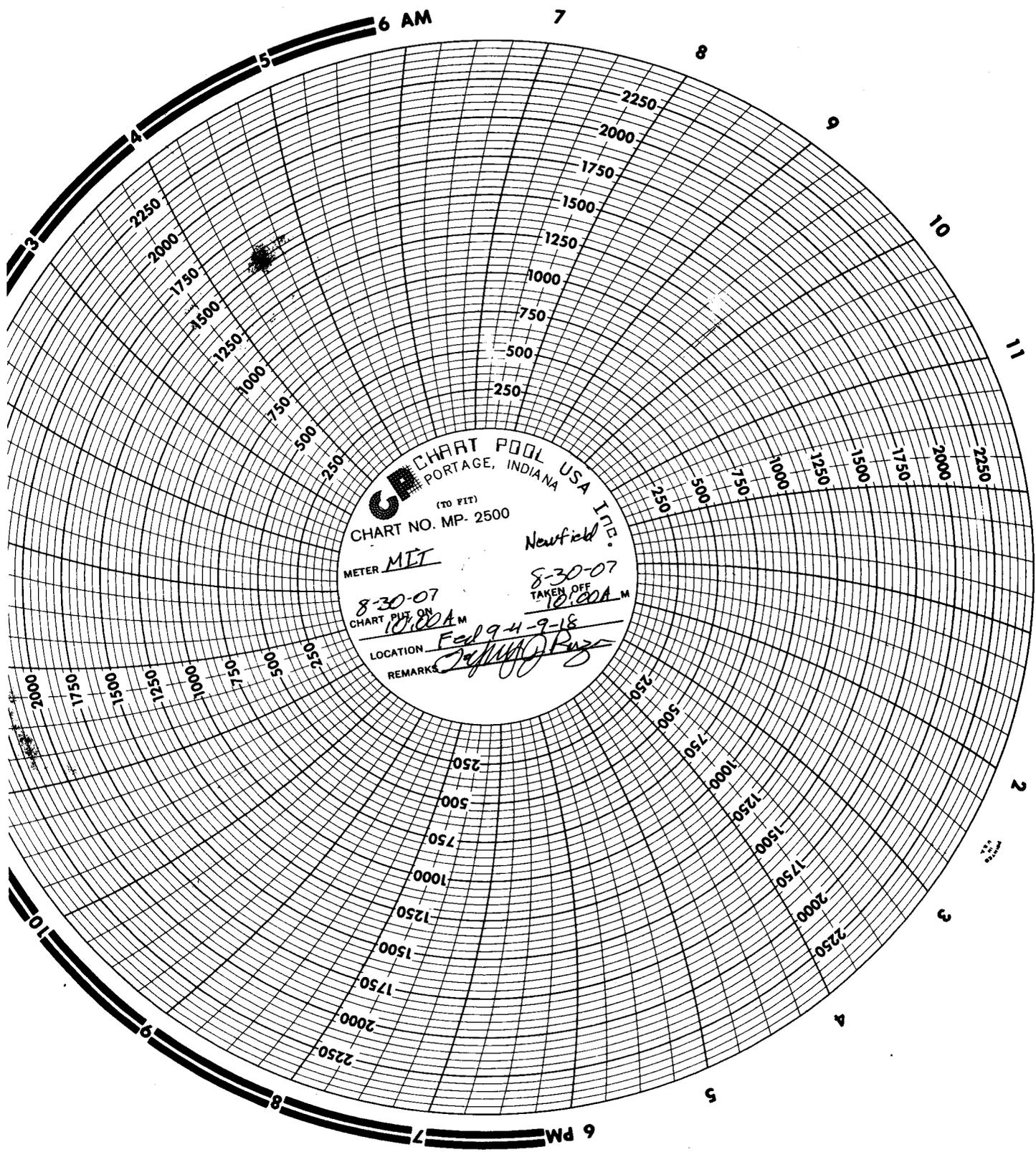
| MIT DATA TABLE                          | Test #1  | Test #2   | Test #3   |
|---|--|---|---|
| <b>TUBING PRESSURE</b>                  |  |   |   |
| Initial Pressure                        | <u>0</u> psig  | psig  | psig  |
| End of test pressure                    | <u>0</u> psig  | psig  | psig  |
| <b>CASING / TUBING ANNULUS PRESSURE</b> |  |   |   |
| 0 minutes                               | <u>1200</u> psig   | psig  | psig  |
| 5 minutes                               | <u>1200</u> psig   | psig  | psig  |
| 10 minutes                              | <u>1200</u> psig   | psig  | psig  |
| 15 minutes                              | <u>1200</u> psig   | psig  | psig  |
| 20 minutes                              | <u>1200</u> psig   | psig  | psig  |
| 25 minutes                              | <u>1200</u> psig   | psig  | psig  |
| 30 minutes                              | <u>1200</u> psig   | psig  | psig  |
| _____ minutes                           | psig   | psig  | psig  |
| _____ minutes                           | psig   | psig  | psig  |
| <b>RESULT</b>                           | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail | <input type="checkbox"/> Pass <input type="checkbox"/> Fail | <input type="checkbox"/> Pass <input type="checkbox"/> Fail |

Does the annulus pressure build back up after the test?     Yes     No

### MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

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



**CHART POOL USA INC.**  
PORTAGE, INDIANA  
(TO FIT)  
CHART NO. MP-2500  
METER *MIT*  
*Newfield*  
8-30-07  
CHART PUT ON *10:00 A.M.*  
TAKEN OFF *10:00 A.M.*  
LOCATION *Fed 9-4-9-18*  
REMARKS *J. M. G. Buz*

(See other instructions on reverse side)

OMB NO. 1004-0137  
Expires: February 28, 1995

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

|  |  |   |  |
|--|--|---|--|
| 1a. TYPE OF WORK<br>OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <u>injector</u>   |  | 7. UNIT AGREEMENT NAME<br><b>Federal</b>                                      |  |
| 1b. TYPE OF WELL<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR. <input type="checkbox"/> Other                    |  | 8. FARM OR LEASE NAME, WELL NO.<br><b>Federal 9-4-9-18</b>                    |  |
| 2. NAME OF OPERATOR<br><b>Newfield Exploration Company</b>   |  | 9. WELL NO.<br><b>43-047-35475</b>  |  |
| 3. ADDRESS AND TELEPHONE NO.<br><b>1401 17th St. Suite 1000 Denver, CO 80202</b>   |  | 10. FIELD AND POOL OR WILDCAT<br><b>Monument Butte</b>                        |  |
| 4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*<br>At Surface <b>2177' FSL &amp; 671' FEL (NE/SE) Sec. 4, T9S, R18E</b><br>At top prod. Interval reported below<br><br>At total depth |  | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br><b>Sec. 4, T9S, R18E</b> |  |
| 14. API NO.<br><b>43-047-35475</b>   |  | DATE ISSUED<br><b>02/12/04</b>  |  |
| 15. DATE SPUDDED<br><b>01/19/05</b>  |  | 16. DATE T.D. REACHED<br><b>01/29/05</b>                                      |  |
| 17. DATE COMPL. (Ready to prod.)<br><b>05/29/07 as an injector</b>   |  | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*<br><b>4941' GL 4953' KB</b>           |  |
| 19. ELEV. CASINGHEAD   |  | 12. COUNTY OR PARISH<br><b>Duchesne</b>                                       |  |
| 20. TOTAL DEPTH, MD & TVD<br><b>6008'</b>  |  | 13. STATE<br><b>UT</b>  |  |
| 21. PLUG BACK T.D., MD & TVD<br><b>5877'</b>   |  | 22. IF MULTIPLE COMPL., HOW MANY*   |  |
| 23. INTERVALS DRILLED BY<br><b>-----&gt;</b>   |  | ROTARY TOOLS<br><b>X</b>  |  |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*<br><b>Green River 4718'-5806'</b>   |  | 25. WAS DIRECTIONAL SURVEY MADE<br><b>No</b>                                  |  |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br><b>Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log</b>  |  | 27. WAS WELL CORED<br><b>No</b>   |  |

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#             | 312'           | 12-1/4"   | To surface with 160 sx Class "G" cmt    |               |
| 5-1/2" - J-55     | 15.5#           | 5995'          | 7-7/8"    | 400 sx Premlite II and 450 sx 50/50 Poz |               |

| 29. LINER RECORD |          |             |               | 30. TUBING RECORD |        |                |                 |
|------------------|----------|-------------|---------------|-------------------|--------|----------------|-----------------|
| SIZE             | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD)       | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|                  |          |             |               |                   | 2-7/8" | EOT @<br>4638' | TA @<br>4633'   |

| 31. PERFORATION RECORD (Interval, size and number)         |      |            |                     | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |  |
|--|------|------------|---------------------|--|--|
| INTERVAL   | SIZE | SPF/NUMBER | DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED               |  |
| (CP4,3) 5800'-5806', 5770'-5777', 5742'-5750', 5690'-5696' | .49" | 4/108      | 5690'-5806'         | Frac w/ 29,779# 20/40 sand in 389 bbls fluid   |  |
| (CP2 & 1) 5610'-19', 5562'-5580'                           | .49" | 4/108      | 5562'-5619'         | Frac w/ 19,567# 20/40 sand in 303 bbls fluid   |  |
| (LODC) 5291'-5294'   | .49" | 4/12       | 5291'-5294'         | Frac w/ 15,073# 20/40 sand in 277 bbls fluid   |  |
| (B2) 5074'-5084'   | .49" | 4/40       | 5074'-5084'         | Frac w/ 15,206# 20/40 sand in 250 bbls fluid   |  |
| (DS3) 4718'-4728'  | .49" | 4/40       | 4718'-4728'         | Frac w/ 19,689# 20/40 sand in 262 bbls fluid   |  |

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SEP 19 2007**

| 33.* PRODUCTION   |                 |   |                                   |           |           |  |  | DIV. OF OIL, GAS & MINING       |  |
|---|-----------------|---|-----------------------------------|-----------|-----------|--|--|---------------------------------|--|
| DATE FIRST PRODUCTION<br><b>05/29/07 as an injector</b> |                 | PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) |                                   |           |           | WELL STATUS (Producing or shut-in)<br><b>Injecting</b> |  |                                 |  |
| DATE OF TEST  | HOURS TESTED    | CHOKE SIZE  | PROD'N. FOR TEST PERIOD<br>-----> | OIL--BBL. | GAS--MCF. | WATER--BBL.  |  | GAS-OIL RATIO<br><b>#DIV/O!</b> |  |
| FLOW. TUBING PRESS.                                     | CASING PRESSURE | CALCULATED 24-HOUR RATE<br>----->                                     |                                   | OIL--BBL. | GAS--MCF. | WATER--BBL.  |  | OIL GRAVITY-API (CORR.)         |  |

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

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 Jentri Park TITLE Production Clerk DATE 9/18/2007

## Geologic Markers

*Federal 9-4-9-18*

| Name                  | Meas. Depth |
|-----------------------|-------------|
| Garden Gulch Mkr      | 3754'       |
| Garden Gulch 1        | 3970'       |
| Garden Gulch 2        | 4086'       |
| Point 3 Mkr           | 4342'       |
| X Mkr                 | 4570'       |
| Y Mkr                 | 4606'       |
| Douglas Creek Mkr     | 4741'       |
| BiCarbonate Mkr       | 4994'       |
| B Limestone Mkr       | 5127'       |
| Castle Peak           | 5534'       |
| Basal Carbonate       | 5946'       |
| Total Depth (Loggers) | 5995'       |

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 312.42

LAST CASING 8 5/8" SET AT 306.39  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 310' LOGGER N/A  
 HOLE SIZE 12 1/4

OPERATOR Newfield Production  
 WELL Federal 9-4-9-18  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # NDSI NS #1

**LOG OF CASING STRING:**

| PIECES                      | OD     | ITEM - MAKE - DESCRIPTION | WT / FT | GRD                         | THREAD | CONDT | LENGTH        |
|-----------------------------|--------|---------------------------|---------|-----------------------------|--------|-------|---------------|
|                             |        | 40.37' SH jt              |         |                             |        |       |               |
|                             |        | WHI - 92 csg head         |         |                             | 8rd    | A     | 0.95          |
| 7                           | 8 5/8" | Maverick ST&C csg         | 24#     | J-55                        | 8rd    | A     | 300.57        |
|                             |        | <b>GUIDE</b> shoe         |         |                             | 8rd    | A     | 0.9           |
| CASING INVENTORY BAL.       |        | FEET                      | JTS     | TOTAL LENGTH OF STRING      |        |       | 302.42        |
| TOTAL LENGTH OF STRING      |        | 302.42                    | 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>312.42</b> |
| TOTAL                       |        | 300.57                    | 7       | } COMPARE                   |        |       |               |
| TOTAL CSG. DEL. (W/O THRDS) |        | 300.57                    | 7       |                             |        |       |               |

| TIMING              | 1ST STAGE |          |
|---------------------|-----------|----------|
| BEGIN RUN CSG. Spud | 1/19/2005 | 9:00 AM  |
| CSG. IN HOLE        | 1/20/2005 | 10:00 AM |
| BEGIN CIRC          | 1/20/2005 | 11:55 AM |
| BEGIN PUMP CMT      | 1/20/2005 | 12:06 PM |
| BEGIN DSPL. CMT     | 1/20/2005 | 12:17 PM |
| PLUG DOWN           | 1/20/2005 | 12:26 PM |

GOOD CIRC THRU JOB YES  
 Bbls CMT CIRC TO SURFACE 5  
 RECIPROCATED PIPE IN/A \_\_\_\_\_  
 DID BACK PRES. VALVE HOLD ? N/A  
 BUMPED PLUG TO \_\_\_\_\_ 444 PSI

|             |      |   |
|-------------|------|---|
| 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 Floyd Mitchell DATE 1/20/2005

**RECEIVED**  
 SEP 24 2007  
 DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5994.57

LAST CASING 8 5/8" SET AT 312'  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING 12'  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 6005' Loggers TD 5995'  
 HOLE SIZE 7 7/8"

Flt cllr @ 5954'  
 OPERATOR Inland Production Company  
 WELL Federal 9-4-9-18  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Patterson-UTI Rig # 155

**LOG OF CASING STRING:**

| PIECES                      | OD            | ITEM - MAKE - DESCRIPTION | WT / FT      | GRD                         | THREAD     | CONDT    | LENGTH             |
|-----------------------------|---------------|---------------------------|--------------|-----------------------------|------------|----------|--------------------|
|                             |               | Landing Jt                |              |                             |            |          | 14                 |
|                             | <b>SHJT</b>   | <b>6.40' @ 4001'</b>      |              |                             |            |          |                    |
| <b>141</b>                  | <b>5 1/2"</b> | ETC LT & C casing         | <b>15.5#</b> | <b>J-55</b>                 | <b>8rd</b> | <b>A</b> | 5940.4             |
|                             |               | Float collar              |              |                             |            |          | 0.6                |
| <b>1</b>                    | <b>5 1/2"</b> | ETC LT&C csg              | <b>15.5#</b> | <b>J-55</b>                 | <b>8rd</b> | <b>A</b> | 40.92              |
|                             |               | <b>GUIDE</b> shoe         |              |                             | <b>8rd</b> | <b>A</b> | 0.65               |
| CASING INVENTORY BAL.       |               | FEET                      | JTS          | TOTAL LENGTH OF STRING      |            |          | 5996.57            |
| TOTAL LENGTH OF STRING      |               | 5996.57                   | 142          | LESS CUT OFF PIECE          |            |          | 14                 |
| LESS NON CSG. ITEMS         |               | 15.25                     |              | PLUS DATUM TO T/CUT OFF CSG |            |          | 12                 |
| PLUS FULL JTS. LEFT OUT     |               | 85.04                     | 2            | CASING SET DEPTH            |            |          | <b>5994.57</b>     |
| TOTAL                       |               | <b>6066.36</b>            | 144          | } COMPARE                   |            |          |                    |
| TOTAL CSG. DEL. (W/O THRDS) |               | 6066.36                   | 144          |                             |            |          |                    |
| TIMING                      |               | 1ST STAGE                 | 2nd STAGE    | GOOD CIRC THRU JOB          |            |          | no                 |
| BEGIN RUN CSG.              |               | 1/30/2005                 | 6:00 AM      | Bbls CMT CIRC TO SURFACE    |            |          | All spacers to pit |
| CSG. IN HOLE                |               | 1/30/2005                 | 9:30 AM      | RECIPROCATED PIPE FOR       |            |          | THRUSTROKE         |
| BEGIN CIRC                  |               | 1/30/2005                 | 9:30 AM      | DID BACK PRES. VALVE HOLD ? |            |          | Yes                |
| BEGIN PUMP CMT              |               | 1/30/2005                 | 11:08 AM     | BUMPED PLUG TO              |            |          | 2023 PSI           |
| BEGIN DSPL. CMT             |               | 1/30/2005                 | 12:16 PM     |                             |            |          |                    |
| PLUG DOWN                   |               | 1/30/2005                 | 12:48 PM     |                             |            |          |                    |

|   |            |   |  |  |  |
|---|------------|---|--|--|--|
| CEMENT USED   |            | 4 CEMENT COMPANY- <b>B. J.</b>  |  |  |  |
| STAGE   | # SX       | CEMENT TYPE & ADDITIVES   |  |  |  |
| <b>1</b>  | <b>400</b> | Premlite II w/ 10% gel + 3% KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake           |  |  |  |
|   |            | mixed @ 11.0 ppg W / 3.43 cf/sk yield   |  |  |  |
| <b>2</b>  | <b>450</b> | 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 Floyd Mitchell DATE 1/31/2005

# NEWFIELD



## DRILLING REPORT

WELL NAME Federal 9-4-9-18 Report Date January 26, 2005 Days Since Spud 01  
 TD 1600' Footage 1333' Frmtn Uintah PO Drill 77/8"hole with fresh water Rig Patterson # 155

### MUD PROPERTIES

WT H2O VIS \_\_\_\_\_ WL \_\_\_\_\_ FC \_\_\_\_\_ CHLORIDES \_\_\_\_\_ DAILY \_\_\_\_\_ CUM 3500  
 OIL \_\_\_\_\_ SLDS \_\_\_\_\_ SD \_\_\_\_\_ CALCIUM \_\_\_\_\_ PV \_\_\_\_\_ YP \_\_\_\_\_ GEL \_\_\_\_\_

### WATER USED (BBLs)

### BIT RECORD

CUM ROTATING HRS: 8

BIT # 1 SIZE 77/8" TYPE MER20387 SER # JT 7889 JETS 6X14 HRS 8 FT. 1333' OUT @ \_\_\_\_\_ GR. \_\_\_\_\_  
 BIT # \_\_\_\_\_ SIZE \_\_\_\_\_ TYPE \_\_\_\_\_ SER # \_\_\_\_\_ JETS \_\_\_\_\_ HRS \_\_\_\_\_ FT. \_\_\_\_\_ OUT @ \_\_\_\_\_ GR. \_\_\_\_\_  
 WEIGHT ON BIT 15/20 ROTARY RPM 70/75 BHA 620.48' FT CONSISTS OF PDC,MM,20-61/4" DCS

### DEVIATION

840' \_\_\_\_\_  
3/4 ° \_\_\_\_\_

### HYDRAULICS

PUMP #1: LINERS 51/2" STROKE 10" SPM \_\_\_\_\_ PRESS \_\_\_\_\_ Gals/Min. 320 JET VEL: \_\_\_\_\_ BIT HHP: \_\_\_\_\_  
 PUMP #2: LINERS 51/2" STROKE 15" SPM 62 PRESS 750 ANN VEL, DP: \_\_\_\_\_ DC: \_\_\_\_\_

### DRILLING GAS

AVG UNITS \_\_\_\_\_ MAX UNITS \_\_\_\_\_ CONNECT GAS \_\_\_\_\_ TRIP GAS \_\_\_\_\_  
 DRLG BREAK/SHOWS: \_\_\_\_\_

### DAILY MUD MATERIALS

PHP \_\_\_\_\_ cups  
 Poly \_\_\_\_\_ qts  
 Lime \_\_\_\_\_ sacks  
 Gypsum \_\_\_\_\_ sacks  
 Poly \_\_\_\_\_ gals.

### CHRONOLOGICAL OPERATIONS

8.00 HRS 1/25/05 MIRU Patterson # 155, set all equipment, nipple up BOPE  
2.50 HRS Press. Test upper kelly & floor valve, pipe & blind rams & choke man.  
 HRS to 2000 psi test annular to 1000 psi test 85/8" CSG to 1500 psi for  
 HRS 30 min. all test (OK)  
0.50 HRS M/U PDC, P/U BHA tag cement @ 267'  
1.50 HRS Drill 77/8" hole with fresh water to a depth of 402'  
0.50 HRS Survey @ 322', missrun  
3.50 HRS Drill 77/8" hole with fresh water to a depth of 914'  
0.50 HRS Survey @ 840' 3/4 Degree  
7.00 HRS Drill 7/8" hole with fresh water to a depth of 1600'  
 HRS \_\_\_\_\_  
 HRS \_\_\_\_\_  
 HRS \_\_\_\_\_  
 HRS \_\_\_\_\_  
 HRS \_\_\_\_\_

CUM MUD COST: 2200

### DAILY COST SUMMARY

Patterson # 155 10,300  
NPC supervision 300  
Rocky Mt Mud 2,200  
Quick Test 1,300  
RNI 2,000  
Smith PDC 10,500  
RW Jones \_\_\_\_\_

PROG TD @ 5975' EXPECTED @ 30-Jan-05

DRILLING SUPERVISOR Floyd Mitchell

DAILY COST: \$26,600

TOTAL COST: \$61,305

# NEWFIELD



## DRILLING REPORT

**WELL NAME** Federal 9-4-9-18 **Report Date** January 27, 2005 **Days Since Spud** 02  
**TD** 3730' **Footage** 2130' **Frmtn** Uintah **PO** Drill 77/8" hole with fresh water **Rig** Patterson # 155

### MUD PROPERTIES

**WT** H2O **VIS** \_\_\_\_\_ **WL** \_\_\_\_\_ **FC** \_\_\_\_\_ **CHLORIDES** \_\_\_\_\_ **DAILY** \_\_\_\_\_ **CUM** 3500  
**OIL** \_\_\_\_\_ **SLDS** \_\_\_\_\_ **SD** \_\_\_\_\_ **CALCIUM** \_\_\_\_\_ **PV** \_\_\_\_\_ **YP** \_\_\_\_\_ **GEL** \_\_\_\_\_

### WATER USED (BBLs)

### BIT RECORD

**CUM ROTATING HRS:** 26

**BIT #** 1 **SIZE** 77/8" **TYPE** MER20387 **SER #** JT 7889 **JETS** 6X14 **HRS** 26 **FT.** 3463' **OUT @** \_\_\_\_\_ **GR.** \_\_\_\_\_  
**BIT #** \_\_\_\_\_ **SIZE** \_\_\_\_\_ **TYPE** \_\_\_\_\_ **SER #** \_\_\_\_\_ **JETS** \_\_\_\_\_ **HRS** \_\_\_\_\_ **FT.** \_\_\_\_\_ **OUT @** \_\_\_\_\_ **GR.** \_\_\_\_\_  
**WEIGHT ON BIT** 15/20 **ROTARY RPM** 70/75 **BHA** 620.48' **FT CONSISTS OF** PDC,MM,20-61/4" DCS

### DEVIATION

840' 1838' 2965 \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_  
3/4 ° 3/4 ° 3/4 ° \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

### HYDRAULICS

**PUMP #1: LINERS** 51/2" **STROKE** 10" **SPM** \_\_\_\_\_ **PRESS** \_\_\_\_\_ **Gals/Min.** 320 **JET VEL:** \_\_\_\_\_ **BIT HHP:** \_\_\_\_\_  
**PUMP #2: LINERS** 51/2" **STROKE** 15" **SPM** 62 **PRESS** 950 **ANN VEL,** \_\_\_\_\_ **DP:** \_\_\_\_\_ **DC:** \_\_\_\_\_

### DRILLING GAS

**AVG UNITS** \_\_\_\_\_ **MAX UNITS** \_\_\_\_\_ **CONNECT GAS** \_\_\_\_\_ **TRIP GAS** \_\_\_\_\_  
**DRLG BREAK/SHOWS:** \_\_\_\_\_

### DAILY MUD MATERIALS

**PHP** \_\_\_\_\_ **cups**  
**Poly** \_\_\_\_\_ **qts**  
**Lime** 8 **sacks**  
**Gypsum** \_\_\_\_\_ **sacks**  
**Poly** 15 **gals.**  
**CUM MUD COST:** 2200

### CHRONOLOGICAL OPERATIONS

3.50 **HRS** Drill 77/8" hole with fresh water to a depth of 1919'  
0.50 **HRS** Survey @ 1838' 3/4 Degree  
8.00 **HRS** Drill 77/8" hole with fresh water to a depth of 3045'  
0.50 **HRS** Survey @ 2965' 3/4 Degree  
0.50 **HRS** Service Rig Function test BOPE  
11.00 **HRS** Drill 77/8" hole with fresh water to a depth of 3730'  
 \_\_\_\_\_ **HRS** \_\_\_\_\_  
 \_\_\_\_\_ **HRS** \_\_\_\_\_

### DAILY COST SUMMARY

Patterson # 155 10,300  
NPC supervision 300  
Boiler 500  
RW Jones 17,645  
RNI 500

**PROG TD @** 5975' **EXPECTED @** 30-Jan-05

**DRILLING SUPERVISOR** Floyd Mitchell

**DAILY COST:** \$29,245

**TOTAL COST:** \$90,550

# NEWFIELD



## DRILLING REPORT

**WELL NAME** Federal 9-4-9-18 **Report Date** January 28, 2005 **Days Since Spud** 03  
**TD** 4490 **Footage** 760 **Frmtn** GR **PO** Drill 77/8" hole with fresh water **Rig** Patterson # 155

### MUD PROPERTIES

### WATER USED (BBLs)

**WT** H2O **VIS** \_\_\_\_\_ **WL** \_\_\_\_\_ **FC** \_\_\_\_\_ **CHLORIDES** \_\_\_\_\_ **DAILY** \_\_\_\_\_ **CUM** 3500  
**OIL** \_\_\_\_\_ **SLDS** \_\_\_\_\_ **SD** \_\_\_\_\_ **CALCIUM** \_\_\_\_\_ **PV** \_\_\_\_\_ **YP** \_\_\_\_\_ **GEL** \_\_\_\_\_

### BIT RECORD

**CUM ROTATING HRS:** 40

**BIT #** 1 **SIZE** 77/8" **TYPE** MER20387 **SER #** JT 7889 **JETS** 6X14 **HRS** 36.5 **FT.** 4018 **OUT @** 4285 **GR.** C  
**BIT #** 2 **SIZE** 77/8" **TYPE** ER7005 **SER #** PB2060 **JETS** 3X16 **HRS** 3.5 **FT.** 205 **OUT @** \_\_\_\_\_ **GR.** \_\_\_\_\_  
**WEIGHT ON BIT** 25/30 **ROTARY RPM** 50/60 **BHA** 618.11 **FT CONSISTS OF** Bit #2,MM,20-61/4" DCS

**DEVIATION** 840' 1838' 2965 3968 \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_  
3/4° 3/4° 3/4° 1 1/4° \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

### HYDRAULICS

**PUMP #1: LINERS** 51/2" **STROKE** 10" **SPM** \_\_\_\_\_ **PRESS** \_\_\_\_\_ **Gals/Min.** 320 **JET VEL:** \_\_\_\_\_ **BIT HHP:** \_\_\_\_\_  
**PUMP #2: LINERS** 51/2" **STROKE** 15" **SPM** 62 **PRESS** 120 **ANN VEL,** \_\_\_\_\_ **DP:** \_\_\_\_\_ **DC:** \_\_\_\_\_

### DRILLING GAS

**AVG UNITS** \_\_\_\_\_ **MAX UNITS** \_\_\_\_\_ **CONNECT GAS** \_\_\_\_\_ **TRIP GAS** \_\_\_\_\_  
**DRLG BREAK/SHOWS:** \_\_\_\_\_

### DAILY MUD MATERIALS

**PHP** \_\_\_\_\_ **cups**  
**Poly** \_\_\_\_\_ **qts**  
**Lime** \_\_\_\_\_ **sacks**  
**Gypsum** \_\_\_\_\_ **sacks**  
**Poly** \_\_\_\_\_ **gals.**  
**CUM MUD COST:** 2200

### CHRONOLOGICAL OPERATIONS

4.0 **HRS** Drill 77/8" hole with fresh water to a depth of 3989'  
0.50 **HRS** Rig service  
1.50 **HRS** Drill 77/8" hole with fresh water to a depth of 4048'  
0.50 **HRS** Survey @ 3968' 1 1/4 Degree  
7.00 **HRS** Drill 77/8" hole with fresh water to a depth of 4285'  
5.50 **HRS** Trip out of hole Laydown PDC bit & Low speed mudmotor  
**HRS** PU bit, High speed mudmotor, Trip in hole  
0.50 **HRS** Fill pipe wash & ream 45' to bottom 5' fill  
4.50 **HRS** Drill 77/8" hole with fresh water to a depth of 4490'  
**HRS** \_\_\_\_\_  
**HRS** \_\_\_\_\_  
**HRS** \_\_\_\_\_  
**HRS** \_\_\_\_\_  
**HRS** \_\_\_\_\_  
**HRS** \_\_\_\_\_

### DAILY COST SUMMARY

**Patterson # 155** 10,300  
**NPC supervision** 300  
**Boiler** 500  
**Smith 77/8" bit** 5,700  
**RNI** 500

**PROG TD @** 5975' **EXPECTED @** 30-Jan-05

**DRILLING SUPERVISOR** Ray Herrera

**DAILY COST:** \$17,300

**TOTAL COST:** \$107,850

# NEWFIELD



## DRILLING REPORT

**WELL NAME** Federal 9-4-9-18 **Report Date** January 29, 2005 **Days Since Spud** 04  
**TD** 5486 **Footage** 996 **Frmtn** GR **PO** Drill 77/8"hole with fresh water **Rig** Patterson # 155

### MUD PROPERTIES

**WT** H2O **VIS** \_\_\_\_\_ **WL** \_\_\_\_\_ **FC** \_\_\_\_\_ **CHLORIDES** \_\_\_\_\_ **DAILY** \_\_\_\_\_ **CUM** 3500  
**OIL** \_\_\_\_\_ **SLDS** \_\_\_\_\_ **SD** \_\_\_\_\_ **CALCIUM** \_\_\_\_\_ **PV** \_\_\_\_\_ **YP** \_\_\_\_\_ **GEL** \_\_\_\_\_

### WATER USED (BBLs)

### BIT RECORD

**CUM ROTATING HRS:** 60

**BIT #** 1 **SIZE** 77/8" **TYPE** MER20387 **SER #** JT 7889 **JETS** 6X14 **HRS** 36.5 **FT.** 4018 **OUT @** 4285 **GR.** C  
**BIT #** 2 **SIZE** 77/8" **TYPE** ER7005 **SER #** PB2060 **JETS** 3X16 **HRS** 24 **FT.** 1201 **OUT @** \_\_\_\_\_ **GR.** \_\_\_\_\_  
**WEIGHT ON BIT** 25/30 **ROTARY RPM** 50/60 **BHA** 618.11 **FT CONSISTS OF** Bit #2,MM,20-61/4" DCS

### DEVIATION

840' 1838' 2965 3968 4590' \_\_\_\_\_  
3/4° 3/4° 3/4° 1 1/4 1 3/4 \_\_\_\_\_

### HYDRAULICS

**PUMP #1: LINERS** 51/2" **STROKE** 10" **SPM** \_\_\_\_\_ **PRESS** \_\_\_\_\_ **Gals/Min.** 320 **JET VEL:** \_\_\_\_\_ **BIT HHP:** \_\_\_\_\_  
**PUMP #2: LINERS** 51/2" **STROKE** 15" **SPM** 62 **PRESS** 1100 **ANN VEL,** \_\_\_\_\_ **DP:** \_\_\_\_\_ **DC:** \_\_\_\_\_

### DRILLING GAS

**AVG UNITS** \_\_\_\_\_ **MAX UNITS** \_\_\_\_\_ **CONNECT GAS** \_\_\_\_\_ **TRIP GAS** \_\_\_\_\_  
**DRLG BREAK/SHOWS:** \_\_\_\_\_

### DAILY MUD MATERIALS

**PHP** \_\_\_\_\_  **cups**  
**Poly** \_\_\_\_\_  **qts**  
**Lime** \_\_\_\_\_  **sacks**  
**Gypsum** \_\_\_\_\_  **sacks**  
**Poly** \_\_\_\_\_  **gals.**

### CHRONOLOGICAL OPERATIONS

3.0 **HRS** Drill 77/8" hole with fresh water to a depth of 4670'  
0.50 **HRS** Survey @ 4590' 1 3/4°  
8.00 **HRS** Drill 77/8" hole with fresh water to a depth of 5020'  
0.50 **HRS** Rig services & Function test BOP's  
12.00 **HRS** Drill 77/8" hole with fresh water to a depth of 5486'  
 \_\_\_\_\_ **HRS** \_\_\_\_\_  
 \_\_\_\_\_ **HRS** \_\_\_\_\_

**CUM MUD COST:** 2200

### DAILY COST SUMMARY

**Patterson # 155** 10,300  
**NPC supervision** 300  
**Boiler** 500  
**Diesel fuel** 5,110

**PROG TD @** 5975' **EXPECTED @** 30-Jan-05

**DRILLING SUPERVISOR** Ray Herrera

**DAILY COST:** \$16,210

**TOTAL COST:** \$124,060

# NEWFIELD



## DRILLING REPORT

**WELL NAME** Federal 9-4-9-18 **Report Date** January 30, 2005 **Days Since Spud** 05  
**TD** 6008 **Footage** 522 **Frmtn** GR **PO** Running 5.5 csgn **Rig** Patterson # 155

### MUD PROPERTIES

**WT** H2O **VIS** **WL** **FC** **CHLORIDES**  
**OIL** **SLDS** **SD** **CALCIUM** **PV** **YP** **GEL**

### WATER USED (BBLs)

**DAILY** **CUM** 3500

### BIT RECORD

**CUM ROTATING HRS:** 71.5

**BIT # 1** **SIZE** 77/8" **TYPE** MER20387 **SER #** JT 7889 **JETS** 6X14 **HRS** 36.5 **FT.** 4018 **OUT @** 4285 **GR.** C  
**BIT # 2** **SIZE** 77/8" **TYPE** ER7005 **SER #** PB2060 **JETS** 3X16 **HRS** 35 **FT.** 1723 **OUT @** 6008 **GR.** C  
**WEIGHT ON BIT** 25/30 **ROTARY RPM** 50/60 **BHA** 618.11 **FT CONSISTS OF** Bit #2,MM,20-61/4" DCS

### DEVIATION

840' 1838' 2965 3968 4590'  
3/4° 3/4° 3/4° 1 1/4 1 3/4

### HYDRAULICS

**PUMP #1: LINERS** 51/2" **STROKE** 10" **SPM** **PRESS** **Gals/Min.** 320 **JET VEL:** **BIT HHP:**  
**PUMP #2: LINERS** 51/2" **STROKE** 15" **SPM** 62 **PRESS** 1100 **ANN VEL,** **DP:** **DC:**

### DRILLING GAS

**AVG UNITS** **MAX UNITS** **CONNECT GAS** **TRIP GAS**  
**DRLG BREAK/SHOWS:**

### DAILY MUD MATERIALS

**PHP** cups  
**Poly** qts  
**Lime** sacks  
**Gypsum** sacks  
**Poly** gals.  
**CUM MUD COST:** 2200

### CHRONOLOGICAL OPERATIONS

8.5 HRS Drill 77/8" hole with fresh water to a depth of 5819'  
0.50 HRS Rig services & Function test BOP's  
4.5 HRS Drill 77/8" hole with fresh water to a depth of 6008' TD well @ 7:30 pm  
1.0 HRS Laydown drill pipe & BHA  
5.50 HRS Drill 77/8" hole with fresh water to a depth of 5486'  
4.00 HRS Rig up PSI log well Run SP/GR/DIG TD to 3000'  
HRS  
HRS  
HRS  
HRS  
HRS  
HRS  
HRS  
HRS  
HRS

### DAILY COST SUMMARY

**Patterson # 155** 10,300  
**NPC supervision** 300  
**Boiler** 500  
**PSI logging** 5,500  
**Location reclean** 1,600

**PROG TD @** 5975' **EXPECTED @** 30-Jan-05

**DRILLING SUPERVISOR** Ray Herrera

**DAILY COST:** \$18,200

**TOTAL COST:** \$142,260

# NEWFIELD



## DRILLING REPORT

**WELL NAME** Federal 9-4-9-18 **Report Date** January 31, 2005 **Days Since Spud** 06  
**TD** 6008(TD) **Footage** 0 **Frmtn** GR **PO** WOC **Rig** Patterson # 155

### MUD PROPERTIES

**WT** H2O **VIS** \_\_\_\_\_ **WL** \_\_\_\_\_ **FC** \_\_\_\_\_ **CHLORIDES** \_\_\_\_\_  
**OIL** \_\_\_\_\_ **SLDS** \_\_\_\_\_ **SD** \_\_\_\_\_ **CALCIUM** \_\_\_\_\_ **PV** \_\_\_\_\_ **YP** \_\_\_\_\_ **GEL** \_\_\_\_\_

### WATER USED (BBLs)

**DAILY** \_\_\_\_\_ **CUM** 3500

### BIT RECORD

**CUM ROTATING HRS:** 71.5

**BIT #** 1 **SIZE** 77/8" **TYPE** MER20387 **SER #** JT 7889 **JETS** 6X14 **HRS** 36.5 **FT.** 4018 **OUT @** 4285 **GR.** C  
**BIT #** 2 **SIZE** 77/8" **TYPE** ER7005 **SER #** PB2060 **JETS** 3X16 **HRS** 35 **FT.** 1723 **OUT @** 6008 **GR.** C  
**WEIGHT ON BIT** 25/30 **ROTARY RPM** 50/60 **BHA** 618.11 **FT CONSISTS OF** Bit #2,MM,20-61/4" DCS

### DEVIATION

|             |              |             |              |              |
|-------------|--------------|-------------|--------------|--------------|
| <u>840'</u> | <u>1838'</u> | <u>2965</u> | <u>3968</u>  | <u>4590'</u> |
| <u>3/4°</u> | <u>3/4°</u>  | <u>3/4°</u> | <u>1 1/4</u> | <u>1 3/4</u> |

### HYDRAULICS

**PUMP #1: LINERS** 51/2" **STROKE** 10" **SPM** \_\_\_\_\_ **PRESS** \_\_\_\_\_ **Gals/Min.** 320 **JET VEL:** \_\_\_\_\_ **BIT HHP:** \_\_\_\_\_  
**PUMP #2: LINERS** 51/2" **STROKE** 15" **SPM** 62 **PRESS** 1100 **ANN VEL,** \_\_\_\_\_ **DP:** \_\_\_\_\_ **DC:** \_\_\_\_\_

### DRILLING GAS

**AVG UNITS** \_\_\_\_\_ **MAX UNITS** \_\_\_\_\_ **CONNECT GAS** \_\_\_\_\_ **TRIP GAS** \_\_\_\_\_  
**DRLG BREAK/SHOWS:** \_\_\_\_\_

### DAILY MUD MATERIALS

**PHP** \_\_\_\_\_ **cups**  
**Poly** \_\_\_\_\_ **qts**  
**Lime** \_\_\_\_\_ **sacks**  
**Gypsum** \_\_\_\_\_ **sacks**  
**Poly** \_\_\_\_\_ **gals.**

### CHRONOLOGICAL OPERATIONS

3.50 **HRS** R/U & Run 142 jnts 5.5 j55 15.5# CSG set @ 5994.57'  
1.50 **HRS** Circ & Cond. Hole  
2.00 **HRS** Rig up BJ. Pump 10bbls dye, 20bbls Mud Clean 1, &  
2.00 **HRS** 20 bbis fresh water spacer. Cement w/ 400 sks. Prem Lite2. W/ 10%gel. 3%KCL,  
2.00 **HRS** 1/4#sk Cello flake, .3#/sk CSE. 2#/sk Kolseal. .5% SM. Mixed @ 11.0 ppg & 3.43 yld  
2.00 **HRS** Then 450 sks 50-50 Poz. W/ 2% gel. 3%KCL. .5%EC-1 1/2#/sk Cello-flake .3%SM  
2.00 **HRS** mixed @ 14.4 ppg & 1.24 yld.Drop plug displace w/142 BBLS fresh water W/  
2.00 **HRS** mudclean1bump plug @ 2023 psi, bleed off float held, all spacers returned to pit  
0.50 **HRS** Nipple Down  
0.50 **HRS** Set 5.5 CSG slips @ 85,000#s  
4.00 **HRS** Clean mud tanks  
12.00 **HRS** Rig down  
12.00 **HRS** \_\_\_\_\_  
12.00 **HRS** \_\_\_\_\_  
12.00 **HRS** \_\_\_\_\_  
12.00 **HRS** \_\_\_\_\_

### DAILY COST SUMMARY

Patterson # 155 10,300  
NPC supervision 300  
Boiler 500  
QT Casing 3,800  
5.5 Casing 67,252  
5.5 Float Equip 1,050  
5.5 Cement 17,729  
MM Rental 6,792

**Rig Released @ 6:00 PM 1/30/2005**

**PROG TD @** 5975' **EXPECTED @** 30-Jan-05

**DRILLING SUPERVISOR** Floyd Mitchell

**DAILY COST:** \$107,723

**TOTAL COST:** \$249,983



# NEWFIELD



## DAILY COMPLETION REPORT

**WELL NAME:** Federal 9-4-9-18      **Report Date:** 23-May-07      **Day:** 2a  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 312'      **Prod Csg:** 5-1/2" @ 5995'      **Csg PBTD:** 5877'WL  
**Tbg:** Size: \_\_\_\_\_ Wt: \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** \_\_\_\_\_

### PERFORATION RECORD

| Zone    | Perfs      | SPF/#shots | Zone    | Perfs      | SPF/#shots |
|---------|------------|------------|---------|------------|------------|
|         |            |            | CP4 sds | 5742-5750' | 4/32       |
|         |            |            | CP4 sds | 5770-5777' | 4/28       |
|         |            |            | CP4 sds | 5800-5806' | 4/24       |
| CP3 sds | 5690-5696' | 4/24       |         |            |            |

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 22-May-07      **SITP:** \_\_\_\_\_ **SICP:** 589 psi

Day 2a. Install 5K frac head. NU 6" 5M Cameron BOP. RU Perforators WLT, crane & lubricator. RIH w/ 6', 7', 8' & 6' perf gun. Perforate CP4 sds @ 5800-5806', 5770-5777', 5742-5750', RU BJ Services & pressure well up to 2000 psi. Perforate CP3 sds @ 5690-5696' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 108 shots. RU BJ Services. 589 psi on well. Pressured up to 4200 psi, Would not breakdown. RU Perforators & dump bail acid (2 runs due to misfire). RU BJ Services. 0 psi on well. Frac CP3 & CP4 sds w/ 29,779#'s of 20/40 sand in 389 bbls of Lightning 17 fluid. Broke @ 3129 psi. Treated w/ ave pressure of 1514 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 1330 psi. Leave pressure on well. 530 BWTR. See Day 2b.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 141      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 389      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 530      **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:** CP3 & CP4 sands  
487 gals to breakdown & get crosslink  
3000 gals of pad  
2319 gals W/ 1-4 ppg of 20/40 sand  
4803 gals W/ 4-6.5 ppg of 20/40 sand  
Flush W/ 504 gals of 15% HCL acid  
Flush W/ 5208 gals of slick water

### COSTS

|                          |          |
|--------------------------|----------|
| BJ Services-CP3/CP4      | \$21,940 |
| CD wtr & trucking        | \$1,024  |
| Zubiate hot oil wtr heat | \$1,500  |
| Weatherford tools/serv   | \$1,250  |
| NPC trucking             | \$300    |
| Perforators LLC.         | \$5,925  |
| NPC supervision          | \$150    |
| Weatherford BOP          | \$1,180  |
| NDSI trucking            | \$1,200  |

**\*\*Flush called @ blender--includes 2 bbls pump/line volume\*\***

**Max TP:** 1771      **Max Rate:** 25 BPM      **Total fluid pmpd:** 389 bbls  
**Avg TP:** 1514      **Avg Rate:** 24.8 BPM      **Total Prop pmpd:** 29,779#'s  
**ISIP:** 1330      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** .67  
**Completion Supervisor:** Orson Barney

**DAILY COST:** \$34,469  
**TOTAL WELL COST:** \$295,451

# NEWFIELD



## DAILY COMPLETION REPORT

**WELL NAME:** Federal 9-4-9-18 **Report Date:** 23-May-07 **Day:** 2b  
**Operation:** Completion **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 312' **Prod Csg:** 5-1/2" @ 5995' **Csg PBDT:** 5877'WL  
**Tbg:** **Size:** \_\_\_\_\_ **Wt:** \_\_\_\_\_ **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_ **BP/Sand PBDT:** 5400'  
**BP:** 5660'

### PERFORATION RECORD

| Zone    | Perfs      | SPF/#shots | Zone    | Perfs      | SPF/#shots |
|---------|------------|------------|---------|------------|------------|
|         |            |            | CP4 sds | 5742-5750' | 4/32       |
|         |            |            | CP4 sds | 5770-5777' | 4/28       |
| LODC    | 5291-5294' | 4/12       | CP4 sds | 5800-5806' | 4/24       |
| CP1 sds | 5562-5580' | 4/72       |         |            |            |
| CP2 sds | 5610-5619' | 4/36       |         |            |            |
| CP3 sds | 5690-5696' | 4/24       |         |            |            |

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 22-May-07 **SITP:** \_\_\_\_\_ **SICP:** 842 psi

Day 2b. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug, 9' & 18' perf gun. Set plug @ 5660'. RU BJ Services & hold 2000 psi on well. Perforate CP2 sds @ 5610- 19', CP1 sds @ 5562-5580' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 108 shots (2 runs). RU BJ Services. 842 psi on well. Frac CP1 & CP2 sds w/ 19,567#'s of 20/40 sand in 303 bbls of Lightning 17 fluid. Broke @ 2120 psi. Treated w/ ave pressure of 1884 psi @ ave rate of 24.5 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 1723 psi. Leave pressure on well. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug & 3' perf gun. Set plug @ 5400'. Perforate LODC sds @ 5291- 94' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 12 shots. SIWFN w/ 833 BWTR.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 530 **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 303 **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 833 **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:** CP1 & CP2 sands  
470 gals to breakdown & get crosslink  
2000 gals of pad  
1511 gals W/ 1-4 ppg of 20/40 sand  
3197 gals W/ 4-6.5 ppg of 20/40 sand  
Flush W/ 504 gals of 15% HCL acid  
Flush W/ 5057 gals of slick water

### COSTS

|                          |         |
|--------------------------|---------|
| BJ Services-CP1/CP2      | \$6,267 |
| CD wtr & trucking        | \$704   |
| Zubiate hot oil wtr heat | \$450   |
| Weatherford tools/serv   | \$2,450 |
| Perforators LLC.         | \$5,925 |
| NPC supervision          | \$150   |
| Perforators LLC- LODC    | \$659   |

**\*\*Flush called @ blender--includes 2 bbls pump/line volume\*\***

**Max TP:** 2169 **Max Rate:** 24.8 BPM **Total fluid pmpd:** 303 bbls  
**Avg TP:** 1884 **Avg Rate:** 24.5 BPM **Total Prop pmpd:** 19,567#'s  
**ISIP:** 1723 **5 min:** \_\_\_\_\_ **10 min:** \_\_\_\_\_ **FG:** .74

**Completion Supervisor:** Orson Barney

**DAILY COST:** \$16,605  
**TOTAL WELL COST:** \$312,056

# NEWFIELD



## DAILY COMPLETION REPORT

**WELL NAME:** Federal 9-4-9-18      **Report Date:** 24-May-07      **Day:** 3a  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 312'      **Prod Csg:** 5-1/2" @ 5995'      **Csg PBD:** 5877'WL  
**Tbg:** **Size:** \_\_\_\_\_ **Wt:** \_\_\_\_\_ **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBD:** 5400'  
**BP:** 5660'

### PERFORATION RECORD

| Zone    | Perfs      | SPF/#shots | Zone    | Perfs      | SPF/#shots |
|---------|------------|------------|---------|------------|------------|
|         |            |            | CP4 sds | 5742-5750' | 4/32       |
|         |            |            | CP4 sds | 5770-5777' | 4/28       |
| LODC    | 5291-5294' | 4/12       | CP4 sds | 5800-5806' | 4/24       |
| CP1 sds | 5562-5580' | 4/72       |         |            |            |
| CP2 sds | 5610-5619' | 4/36       |         |            |            |
| CP3 sds | 5690-5696' | 4/24       |         |            |            |

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 23-May-07      **SITP:** \_\_\_\_\_ **SICP:** 650 psi

Day 3a.

RU BJ Services. 650 psi on well. Frac LODC sds w/ 15,073#'s of 20/40 sand in 277 bbls of Lightning 17 fluid. Broke @ 2039 psi. Treated w/ ave pressure of 2654 psi @ ave rate of 24.4 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2681 psi. Leave pressure on well. 1110 BWTR. See Day 3b.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 833      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 277      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1110      **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:** LODC sands  
701 gals to breakdown & get crosslink  
1500 gals of pad  
1149 gals W/ 1-4 ppg of 20/40 sand  
2992 gals W/ 4-6.5 ppg of 20/40 sand  
Flush W/ 504 gals of 15% HCL acid  
Flush W/ 4784 gals of slick water

### COSTS

|                        |         |
|------------------------|---------|
| BJ Services-LODC       | \$5,038 |
| CD wtr & trucking      | \$480   |
| Weatherford tools/serv | \$3,650 |
| NPC supervision        | \$100   |

**\*\*Flush called @ blender--includes 2 bbls pump/line volume\*\***

**Max TP:** 2910      **Max Rate:** 24.7 BPM      **Total fluid pmpd:** 277 bbls  
**Avg TP:** 2654      **Avg Rate:** 24.4 BPM      **Total Prop pmpd:** 15,073#'s  
**ISIP:** 2681      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** .94

**Completion Supervisor:** Orson Barney

**DAILY COST:** \$9,268  
**TOTAL WELL COST:** \$321,324

# NEWFIELD



## DAILY COMPLETION REPORT

**WELL NAME:** Federal 9-4-9-18      **Report Date:** 24-May-07      **Day:** 3b  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 312'      **Prod Csg:** 5-1/2" @ 5995'      **Csg PBTD:** 5877'WL  
**Tbg:** **Size:** \_\_\_\_\_ **Wt:** \_\_\_\_\_ **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** 5170'  
**BP:** 5400', 5660'

### PERFORATION RECORD

| Zone    | Perfs      | SPF/#shots | Zone    | Perfs      | SPF/#shots |
|---------|------------|------------|---------|------------|------------|
|         |            |            | CP4 sds | 5742-5750' | 4/32       |
| B2 sds  | 5074-5084' | 4/40       | CP4 sds | 5770-5777' | 4/28       |
| LODC    | 5291-5294' | 4/12       | CP4 sds | 5800-5806' | 4/24       |
| CP1 sds | 5562-5580' | 4/72       |         |            |            |
| CP2 sds | 5610-5619' | 4/36       |         |            |            |
| CP3 sds | 5690-5696' | 4/24       |         |            |            |

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 23-May-07      **SITP:** \_\_\_\_\_ **SICP:** 1899 psi

Day 3b.

RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug & 10' perf gun. Set plug @ 5170'. RU BJ Services & hold 3500 psi on well. Perforate B2 sds @ 5074- 84' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 40 shots. RU BJ Services. 1899 psi on well. Frac B2 sds w/ 15,206#'s of 20/40 sand in 250 bbls of Lightning 17 fluid. Broke @ 3858 psi. Treated w/ ave pressure of 2235 psi @ ave rate of 24.6 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 2005 psi. Leave pressure on well. 1360 BWTR. See Day 3c.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 1110      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 250      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1360      **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:** B2 sands  
445 gals to breakdown & get crosslink  
1500 gals of pad  
1149 gals W/ 1-4 ppg of 20/40 sand  
2328 gals W/ 4-6.5 ppg of 20/40 sand  
Flush W/ 504 gals of 15% HCL acid  
Flush W/ 4570 gals of slick water

### COSTS

|                         |                  |
|-------------------------|------------------|
| BJ Services-B2          | \$5,038          |
| CD wtr & trucking       | \$480            |
| Weatherford tools/serv  | \$2,450          |
| Perforators LLC         | \$3,544          |
| NPC supervision         | \$100            |
| Wellhead shed           | \$2,200          |
| Flowmeter               | \$750            |
| Shed heater             | \$400            |
| Wellhead valve          | \$2,200          |
| Wellhead plumbing       | \$2,500          |
| NPC rstbt labor         | \$500            |
| NPC location cleanup    | \$300            |
| NPC- Liquid O-ring      | \$150            |
| <b>DAILY COST:</b>      | <b>\$20,612</b>  |
| <b>TOTAL WELL COST:</b> | <b>\$341,936</b> |

\*\*Flush called @ blender--includes 2 bbls pump/line volume\*\*

**Max TP:** 2446      **Max Rate:** 24.7 BPM      **Total fluid pmpd:** 250 bbls  
**Avg TP:** 2235      **Avg Rate:** 24.6 BPM      **Total Prop pmpd:** 15,206#'s  
**ISIP:** 2005      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** .82  
**Completion Supervisor:** Orson Barney

# NEWFIELD



## DAILY COMPLETION REPORT

WELL NAME: Federal 9-4-9-18 Report Date: 24-May-07 Day: 3c  
 Operation: Completion Rig: Western #4

### WELL STATUS

Surf Csg: 8-5/8' @ 312' Prod Csg: 5-1/2" @ 5995' Csg PBDT: 5877'WL  
 Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: \_\_\_\_\_ BP/Sand PBDT: 4830'  
 BP: 5170',5400', 5660'

### PERFORATION RECORD

| Zone    | Perfs             | SPF/#shots  | Zone    | Perfs             | SPF/#shots  |
|---------|-------------------|-------------|---------|-------------------|-------------|
| DS3     | <u>4718-4728'</u> | <u>4/40</u> | CP4 sds | <u>5742-5750'</u> | <u>4/32</u> |
| B2 sds  | <u>5074-5084'</u> | <u>4/40</u> | CP4 sds | <u>5770-5777'</u> | <u>4/28</u> |
| LODC    | <u>5291-5294'</u> | <u>4/12</u> | CP4 sds | <u>5800-5806'</u> | <u>4/24</u> |
| CP1 sds | <u>5562-5580'</u> | <u>4/72</u> |         |                   |             |
| CP2 sds | <u>5610-5619'</u> | <u>4/36</u> |         |                   |             |
| CP3 sds | <u>5690-5696'</u> | <u>4/24</u> |         |                   |             |

### CHRONOLOGICAL OPERATIONS

Date Work Performed: 23-May-07 SITP: \_\_\_\_\_ SICP: 1661 psi

Day 3c.

RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug & 10' perf gun. Set plug @ 4830'. RU BJ Services & hold 3500 psi on well. Perforate DS3 sds @ 4718- 28' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 40 shots. RU BJ Services. 1661 psi on well. Frac DS3 sds w/ 19,689#'s of 20/40 sand in 262 bbls of Lightning 17 fluid. Broke @ 3025 psi. Treated w/ ave pressure of 2191 psi @ ave rate of 24.7 BPM. ISIP 1858 psi. Begin immediate flowback on 12/64 choke. Flowed for 2 hrs. Rec 115 BTF. MIRU Western #4. ND Cameron BOP & 5M WH. NU 3M WH & Schaffer BOP. Talley, PU & RIH w/ 4 3/4" bit, bit sub & 148 jts of 2 7/8 J-55 blue band tbg. EOT @ 4714' RU pump & lines. Circulate well clean. 1507 BWTR.

### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1360 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 147 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 1507 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: DS3 sands  
445 gals to breakdown & get crosslink  
1500 gals of pad  
1149 gals W/ 1-4 ppg of 20/40 sand  
3248 gals W/ 4-6.5 ppg of 20/40 sand  
Flush W/ 4662 gals of slick water

### COSTS

|                        |                 |
|------------------------|-----------------|
| BJ Services-DS3        | <u>\$14,784</u> |
| CD wtr & trucking      | <u>\$480</u>    |
| Weatherford tools/serv | <u>\$2,450</u>  |
| Perforators LLC        | <u>\$3,544</u>  |
| NPC supervision        | <u>\$100</u>    |
| Unichem chemicals      | <u>\$400</u>    |
| Mt West sanitation     | <u>\$300</u>    |
| 2 7/8 J-55 tbg         | <u>\$21,922</u> |
| Western rig #4         | <u>\$3,361</u>  |
| Weatherford BOP        | <u>\$225</u>    |
| NDSI trucking          | <u>\$1,200</u>  |

Max TP: 2471 Max Rate: 24.8 BPM Total fluid pmpd: 262 bbls  
 Avg TP: 2191 Avg Rate: 24.7 BPM Total Prop pmpd: 19,689#'s  
 ISIP: 1858 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: .83

Completion Supervisor: Orson Barney

DAILY COST: \$48,766  
 TOTAL WELL COST: \$390,702

# NEWFIELD



## DAILY COMPLETION REPORT

**WELL NAME:** Federal 9-4-9-18 **Report Date:** 30-May-07 **Day:** 6  
**Operation:** Completion **Rig:** Western #4

### WELL STATUS

**Surf Csg:** 8-5/8' @ 312' **Prod Csg:** 5-1/2" @ 5995' **Csg PBTD:** 5877'WL  
**Tbg:** **Size:** 2 7/8" **Wt:** 6.5# **Grd:** J-55 **Pkr/EOT @:** 4638' **BP/Sand PBTD:** \_\_\_\_\_

### PERFORATION RECORD

| Zone    | Perfs      | SPF/#shots | Zone    | Perfs      | SPF/#shots |
|---------|------------|------------|---------|------------|------------|
| DS3     | 4718-4728' | 4/40       | CP4 sds | 5742-5750' | 4/32       |
| B2 sds  | 5074-5084' | 4/40       | CP4 sds | 5770-5777' | 4/28       |
| LODC    | 5291-5294' | 4/12       | CP4 sds | 5800-5806' | 4/24       |
| CP1 sds | 5562-5580' | 4/72       |         |            |            |
| CP2 sds | 5610-5619' | 4/36       |         |            |            |
| CP3 sds | 5690-5696' | 4/24       |         |            |            |

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 29-May-07 **SITP:** 45 **SICP:** 1400

Pressure test csg. to 1400 psi for 30 min. w/ no bleedoff. Well ready for MIT.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 1507 **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 100 **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1607 **Cum oil recovered:** \_\_\_\_\_  
**IFL:** \_\_\_\_\_ **FFL:** \_\_\_\_\_ **FTP:** \_\_\_\_\_ **Choke:** \_\_\_\_\_ **Final Fluid Rate:** \_\_\_\_\_ **Final oil cut:** \_\_\_\_\_

### TUBING DETAIL

|     |                           |  |
|-----|---------------------------|--|
| KB  | 12.00'                    |  |
| 145 | 2 7/8 J-55 tbg (4617.06') |  |
|     | PSN 1.10' @ 4629.06'      |  |
|     | AS1 pkr. C.E. @ 4633.41'  |  |
|     | EOT @ 4637.61'            |  |
|     |                           |  |
|     |                           |  |
|     |                           |  |
|     |                           |  |

### COSTS

|                       |         |
|-----------------------|---------|
| Frac tbg.(5810x5days) | \$2,034 |
| UniChem Chemicals     | \$400   |
| NPC frac tk(5x6days)  | \$1,200 |
| NPC swab tk(6 days)   | \$240   |
| NPC location cleanup  | \$300   |
| NPC Trucking          | \$300   |
|                       |         |
|                       |         |
|                       |         |

**Max TP:** \_\_\_\_\_ **Max Rate:** \_\_\_\_\_ **Total fluid pmpd:** \_\_\_\_\_  
**Avg TP:** \_\_\_\_\_ **Avg Rate:** \_\_\_\_\_ **Total Prop pmpd:** \_\_\_\_\_  
**ISIP:** \_\_\_\_\_ **5 min:** \_\_\_\_\_ **10 min:** \_\_\_\_\_ **FG:** \_\_\_\_\_  
**Completion Supervisor:** Don Dulen

**NPC Supervision** \$300  
**DAILY COST:** \$4,774  
**TOTAL WELL COST:** \$419,481

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-17424  
6. If Indian, Allottee or Tribe Name.

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

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

8. Well Name and No.  
FEDERAL 9-4-9-18

9. API Well No.  
4304735475

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
UINTAH, UT

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)  
2177 FSL 671 FEL  
NESE Section 4 T9S R18E

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

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

The subject well has been converted from a producing oil well to an injection well on 5/29/2007.  
On 1/3/08 Emmitt Schmitz with the EPA contacted John Hyder concerning the initial MIT on the above listed well. The EPA representative could not read original chart. On 1/3/08 the csg was pressured up to 1130 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 400 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT21044-07102

API# 43-047-35475

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

Title  
Production Clerk  
Date  
01/14/2008

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

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

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

(Instructions on reverse)

RECEIVED

FEB 06 2008

DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-17424

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
SUNDANCE UNIT

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.

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
FEDERAL 9-4-9-18

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4304735475

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: 2177 FSL 671 FEL

COUNTY: UINTAH

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESE, 4, T9S, R18E

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<br>(Submit in Duplicate)<br><br>Approximate date work will<br>_____                             | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION                            |
|   | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL                                 |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br><br>Date of Work Completion:<br><u>03/11/2008</u> | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARILY ABANDON                                      |
|   | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR  |
|   | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLAIR  |
|   | <input type="checkbox"/> CHANGE WELL NAME               | <input type="checkbox"/> PLUG BACK                        | <input type="checkbox"/> WATER DISPOSAL   |
|   | <input type="checkbox"/> CHANGE WELL STATUS             | <input type="checkbox"/> PRODUCTION (START/STOP)          | <input type="checkbox"/> WATER SHUT-OFF   |
|   | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE         | <input checked="" type="checkbox"/> OTHER: - Change status, put well on injection |
|   | <input checked="" 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 reference well was put on injection at 11:00 AM on 3-11-08.

NAME (PLEASE PRINT) Kathy Chapman

TITLE Office Manager

SIGNATURE *Kathy Chapman*

DATE 03/12/2008

(This space for State use only)

**RECEIVED**  
**MAR 13 2008**  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**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 area code)  
435.646.3721

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

2177 FSL 671 FEL  
NESE Section 4 T9S R18E

5. Lease Serial No.

USA UTU-17424

6. If Indian, Allottee or Tribe Name.

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

SUNDANCE UNIT

8. Well Name and No.

FEDERAL 9-4-9-18

9. API Well No.

4304735475

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

UINTAH, UT

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

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

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

A step rate test was conducted on the subject well on July 29, 2008. Results from the test indicate that the fracture gradient is .681 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 1135 psi.

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

**RECEIVED**  
**AUG 11 2008**

DIV. OF OIL, GAS & MINING

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

Chevenne Bateman

Title

Well Analyst Foreman

Signature



Date

08/07/2008

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

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

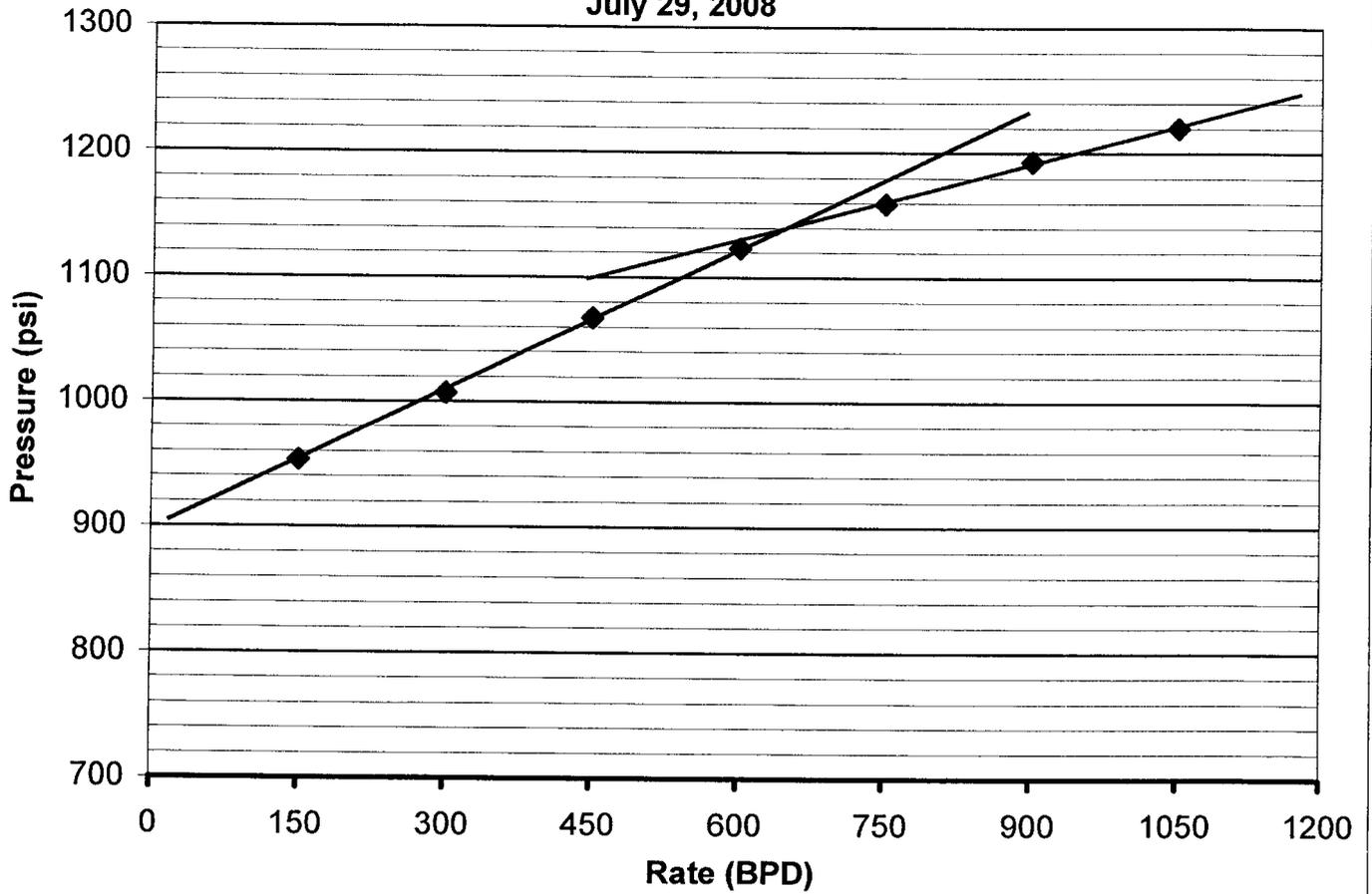
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office \_\_\_\_\_

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

(Instructions on page 2)

Federal 9-4-9-18  
Sundance Unit  
Step Rate Test  
July 29, 2008

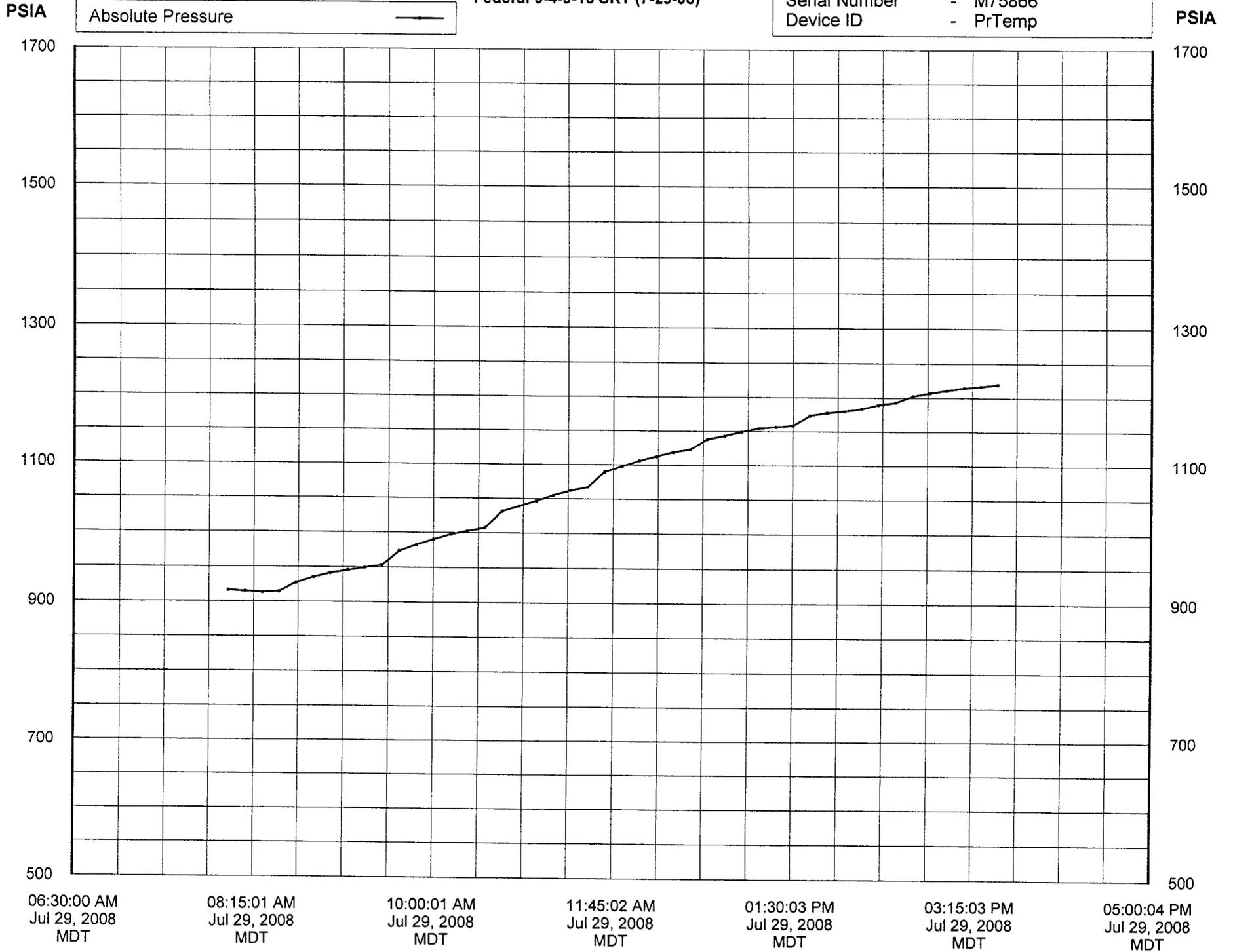


Start Pressure: 914 psi  
 Instantaneous Shut In Pressure (ISIP): 1187 psi  
 Top Perforation: 4718 feet  
 Fracture pressure (Pfp): 1140 psi  
 FG: 0.681 psi/ft

| Step | Rate(bpd) | Pressure(psi) |
|------|-----------|---------------|
| 1    | 150       | 953           |
| 2    | 300       | 1007          |
| 3    | 450       | 1067          |
| 4    | 600       | 1123          |
| 5    | 750       | 1159          |
| 6    | 900       | 1193          |
| 7    | 1050      | 1220          |

Federal 9-4-9-18 SRT (7-29-08)

Device - PrTemp1000  
Serial Number - M75866  
Device ID - PrTemp

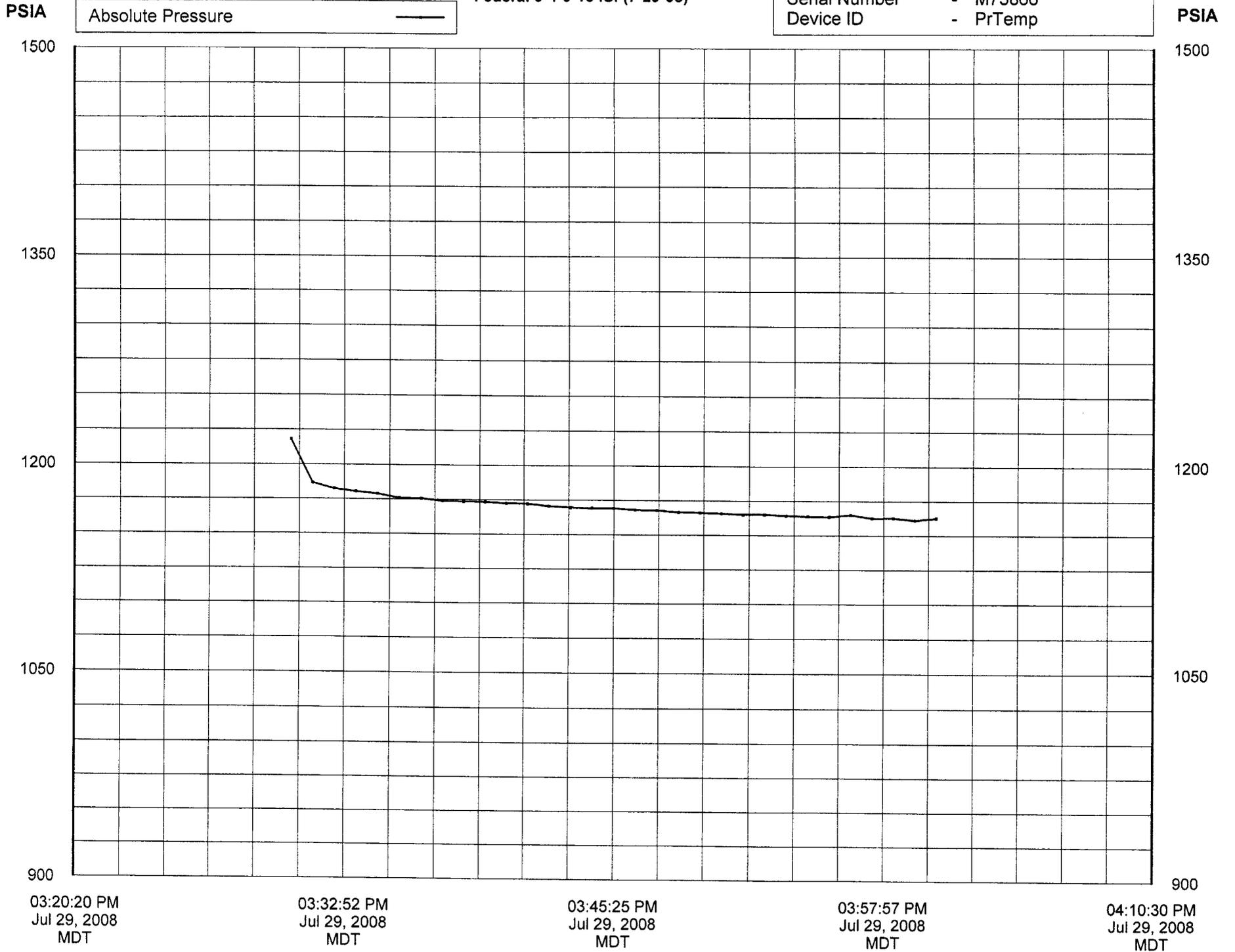


Report Name: PrTemp1000 Data Table  
 Report Date: Jul 30, 2008 08:16:32 AM MDT  
 File Name: C:\Program Files\PTC® Instruments 2.00\Federal 9-4-9-18 SRT (7-29-08).csv  
 Title: Federal 9-4-9-18 SRT (7-29-08)  
 Device: PrTemp1000 - Temperature and Pressure Recorder  
 Hardware Revision: REV2C (64K)  
 Serial Number: M75866  
 Device ID: PrTemp  
 Data Start Date: Jul 29, 2008 08:00:00 AM MDT  
 Data End Date: Jul 29, 2008 03:30:00 PM MDT  
 Reading Rate: 1 Minute  
 Readings: 1 to 46 of 46  
 Last Calibration Date: May 21, 2008  
 Next Calibration Date: May 21, 2009

| <u>Reading</u> | <u>Date and Time (MDT)</u> | <u>Absolute Pressure</u> | <u>Annotation</u> |
|----------------|----------------------------|--------------------------|-------------------|
| 1              | Jul 29, 2008 08:00:00 AM   | 916.000                  | PSIA              |
| 2              | Jul 29, 2008 08:10:00 AM   | 914.400                  | PSIA              |
| 3              | Jul 29, 2008 08:20:00 AM   | 913.000                  | PSIA              |
| 4              | Jul 29, 2008 08:30:00 AM   | 914.200                  | PSIA              |
| 5              | Jul 29, 2008 08:40:00 AM   | 927.000                  | PSIA              |
| 6              | Jul 29, 2008 08:50:00 AM   | 935.200                  | PSIA              |
| 7              | Jul 29, 2008 09:00:00 AM   | 941.200                  | PSIA              |
| 8              | Jul 29, 2008 09:10:00 AM   | 945.400                  | PSIA              |
| 9              | Jul 29, 2008 09:20:00 AM   | 949.200                  | PSIA              |
| 10             | Jul 29, 2008 09:30:00 AM   | 952.800                  | PSIA              |
| 11             | Jul 29, 2008 09:40:00 AM   | 973.200                  | PSIA              |
| 12             | Jul 29, 2008 09:50:00 AM   | 982.200                  | PSIA              |
| 13             | Jul 29, 2008 10:00:00 AM   | 990.000                  | PSIA              |
| 14             | Jul 29, 2008 10:10:00 AM   | 997.600                  | PSIA              |
| 15             | Jul 29, 2008 10:20:00 AM   | 1002.400                 | PSIA              |
| 16             | Jul 29, 2008 10:30:00 AM   | 1007.200                 | PSIA              |
| 17             | Jul 29, 2008 10:40:00 AM   | 1031.200                 | PSIA              |
| 18             | Jul 29, 2008 10:50:00 AM   | 1039.000                 | PSIA              |
| 19             | Jul 29, 2008 11:00:00 AM   | 1046.600                 | PSIA              |
| 20             | Jul 29, 2008 11:10:00 AM   | 1054.800                 | PSIA              |
| 21             | Jul 29, 2008 11:20:00 AM   | 1062.000                 | PSIA              |
| 22             | Jul 29, 2008 11:30:00 AM   | 1067.200                 | PSIA              |
| 23             | Jul 29, 2008 11:40:00 AM   | 1089.400                 | PSIA              |
| 24             | Jul 29, 2008 11:50:00 AM   | 1097.400                 | PSIA              |
| 25             | Jul 29, 2008 12:00:00 PM   | 1106.000                 | PSIA              |
| 26             | Jul 29, 2008 12:10:00 PM   | 1112.400                 | PSIA              |
| 27             | Jul 29, 2008 12:20:00 PM   | 1118.800                 | PSIA              |
| 28             | Jul 29, 2008 12:30:00 PM   | 1122.800                 | PSIA              |
| 29             | Jul 29, 2008 12:40:00 PM   | 1138.000                 | PSIA              |
| 30             | Jul 29, 2008 12:50:00 PM   | 1143.200                 | PSIA              |
| 31             | Jul 29, 2008 01:00:00 PM   | 1149.400                 | PSIA              |
| 32             | Jul 29, 2008 01:10:00 PM   | 1154.600                 | PSIA              |
| 33             | Jul 29, 2008 01:20:00 PM   | 1156.800                 | PSIA              |
| 34             | Jul 29, 2008 01:30:00 PM   | 1158.800                 | PSIA              |
| 35             | Jul 29, 2008 01:40:00 PM   | 1173.600                 | PSIA              |
| 36             | Jul 29, 2008 01:50:00 PM   | 1177.600                 | PSIA              |
| 37             | Jul 29, 2008 02:00:00 PM   | 1180.000                 | PSIA              |
| 38             | Jul 29, 2008 02:10:00 PM   | 1183.600                 | PSIA              |
| 39             | Jul 29, 2008 02:20:00 PM   | 1189.600                 | PSIA              |
| 40             | Jul 29, 2008 02:30:00 PM   | 1193.000                 | PSIA              |
| 41             | Jul 29, 2008 02:40:00 PM   | 1202.600                 | PSIA              |
| 42             | Jul 29, 2008 02:50:00 PM   | 1207.200                 | PSIA              |
| 43             | Jul 29, 2008 03:00:00 PM   | 1211.000                 | PSIA              |
| 44             | Jul 29, 2008 03:10:00 PM   | 1214.600                 | PSIA              |
| 45             | Jul 29, 2008 03:20:00 PM   | 1216.800                 | PSIA              |
| 46             | Jul 29, 2008 03:30:00 PM   | 1219.800                 | PSIA              |

Federal 9-4-9-18 ISI (7-29-08)

Device - PrTemp1000  
Serial Number - M75866  
Device ID - PrTemp



Report Name: PrTemp1000 Data Table  
 Report Date: Jul 30, 2008 08:16:43 AM MDT  
 File Name: C:\Program Files\PTC® Instruments 2.00\Federal 9-4-9-18 ISI (7-29-08).csv  
 Title: Federal 9-4-9-18 ISI (7-29-08)  
 Device: PrTemp1000 - Temperature and Pressure Recorder  
 Hardware Revision: REV2C (64K)  
 Serial Number: M75866  
 Device ID: PrTemp  
 Data Start Date: Jul 29, 2008 03:30:24 PM MDT  
 Data End Date: Jul 29, 2008 04:00:24 PM MDT  
 Reading Rate: 1 Minute  
 Readings: 1 to 31 of 31  
 Last Calibration Date: May 21, 2008  
 Next Calibration Date: May 21, 2009

| <u>Reading</u> | <u>Date and Time (MDT)</u> | <u>Absolute Pressure</u> | <u>Annotation</u> |
|----------------|----------------------------|--------------------------|-------------------|
| 1              | Jul 29, 2008 03:30:24 PM   | 1218.000                 | PSIA              |
| 2              | Jul 29, 2008 03:31:24 PM   | 1186.600                 | PSIA              |
| 3              | Jul 29, 2008 03:32:24 PM   | 1182.400                 | PSIA              |
| 4              | Jul 29, 2008 03:33:24 PM   | 1180.400                 | PSIA              |
| 5              | Jul 29, 2008 03:34:24 PM   | 1178.800                 | PSIA              |
| 6              | Jul 29, 2008 03:35:24 PM   | 1175.800                 | PSIA              |
| 7              | Jul 29, 2008 03:36:24 PM   | 1175.600                 | PSIA              |
| 8              | Jul 29, 2008 03:37:24 PM   | 1174.000                 | PSIA              |
| 9              | Jul 29, 2008 03:38:24 PM   | 1173.600                 | PSIA              |
| 10             | Jul 29, 2008 03:39:24 PM   | 1173.400                 | PSIA              |
| 11             | Jul 29, 2008 03:40:24 PM   | 1172.400                 | PSIA              |
| 12             | Jul 29, 2008 03:41:24 PM   | 1172.200                 | PSIA              |
| 13             | Jul 29, 2008 03:42:24 PM   | 1170.600                 | PSIA              |
| 14             | Jul 29, 2008 03:43:24 PM   | 1169.600                 | PSIA              |
| 15             | Jul 29, 2008 03:44:24 PM   | 1169.200                 | PSIA              |
| 16             | Jul 29, 2008 03:45:24 PM   | 1169.200                 | PSIA              |
| 17             | Jul 29, 2008 03:46:24 PM   | 1168.200                 | PSIA              |
| 18             | Jul 29, 2008 03:47:24 PM   | 1167.800                 | PSIA              |
| 19             | Jul 29, 2008 03:48:24 PM   | 1166.600                 | PSIA              |
| 20             | Jul 29, 2008 03:49:24 PM   | 1166.200                 | PSIA              |
| 21             | Jul 29, 2008 03:50:24 PM   | 1165.800                 | PSIA              |
| 22             | Jul 29, 2008 03:51:24 PM   | 1165.000                 | PSIA              |
| 23             | Jul 29, 2008 03:52:24 PM   | 1165.200                 | PSIA              |
| 24             | Jul 29, 2008 03:53:24 PM   | 1164.400                 | PSIA              |
| 25             | Jul 29, 2008 03:54:24 PM   | 1163.800                 | PSIA              |
| 26             | Jul 29, 2008 03:55:24 PM   | 1163.600                 | PSIA              |
| 27             | Jul 29, 2008 03:56:24 PM   | 1165.000                 | PSIA              |
| 28             | Jul 29, 2008 03:57:24 PM   | 1162.600                 | PSIA              |
| 29             | Jul 29, 2008 03:58:24 PM   | 1162.800                 | PSIA              |
| 30             | Jul 29, 2008 03:59:24 PM   | 1161.200                 | PSIA              |
| 31             | Jul 29, 2008 04:00:24 PM   | 1162.800                 | PSIA              |

# Federal 9-4-9-18 Rate Sheet (7-29-08)

|                 |       |        |       |        |        |        |        |
|-----------------|-------|--------|-------|--------|--------|--------|--------|
| <i>Step # 1</i> | Time: | 8:40   | 8:50  | 9:00   | 9:10   | 9:20   | 9:30   |
|                 | Rate: | 150.9  | 150.9 | 150.6  | 150.5  | 150.3  | 150.2  |
|                 |       |        |       |        |        |        |        |
|                 |       |        |       |        |        |        |        |
| <i>Step # 2</i> | Time: | 9:40   | 9:50  | 10:00  | 10:10  | 10:20  | 10:30  |
|                 | Rate: | 301.1  | 300.8 | 300.6  | 300.3  | 300.2  | 300.1  |
|                 |       |        |       |        |        |        |        |
|                 |       |        |       |        |        |        |        |
| <i>Step # 3</i> | Time: | 10:40  | 10:50 | 11:00  | 11:10  | 11:20  | 11:30  |
|                 | Rate: | 450.7  | 450.5 | 450.5  | 450.4  | 450.3  | 450.2  |
|                 |       |        |       |        |        |        |        |
|                 |       |        |       |        |        |        |        |
| <i>Step # 4</i> | Time: | 11:40  | 11:50 | 12:00  | 12:10  | 12:20  | 12:30  |
|                 | Rate: | 601.3  | 601.2 | 600.9  | 600.7  | 600.6  | 600.4  |
|                 |       |        |       |        |        |        |        |
|                 |       |        |       |        |        |        |        |
| <i>Step # 5</i> | Time: | 12:40  | 12:50 | 1:00   | 1:10   | 1:20   | 1:30   |
|                 | Rate: | 750.7  | 750.6 | 750.5  | 750.3  | 750.2  | 750    |
|                 |       |        |       |        |        |        |        |
|                 |       |        |       |        |        |        |        |
| <i>Step # 6</i> | Time: | 1:40   | 1:50  | 2:00   | 2:10   | 2:20   | 2:30   |
|                 | Rate: | 901.5  | 901.2 | 900.8  | 900.7  | 900.4  | 900.3  |
|                 |       |        |       |        |        |        |        |
|                 |       |        |       |        |        |        |        |
| <i>Step # 7</i> | Time: | 2:40   | 2:50  | 3:00   | 3:10   | 3:20   | 3:30   |
|                 | Rate: | 1051.1 | 1051  | 1050.8 | 1050.7 | 1050.5 | 1050.4 |
|                 |       |        |       |        |        |        |        |
|                 |       |        |       |        |        |        |        |
| <i>Step # 8</i> | Time: |        |       |        |        |        |        |
|                 | Rate: |        |       |        |        |        |        |
|                 |       |        |       |        |        |        |        |
|                 |       |        |       |        |        |        |        |
|                 | Time: |        |       |        |        |        |        |
|                 | Rate: |        |       |        |        |        |        |

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
 USA UTU-17424

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

7. UNIT or CA AGREEMENT NAME:  
 GMBU

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER WI

8. WELL NAME and NUMBER:  
 FEDERAL 9-4-9-18

2. NAME OF OPERATOR:  
 NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
 4304735475

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:  
 GREATER MB UNIT

4. LOCATION OF WELL:  
 FOOTAGES AT SURFACE: 2177 FSL 671 FEL COUNTY: UINTAH

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESE, 4, T9S, R18E STATE: UT

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

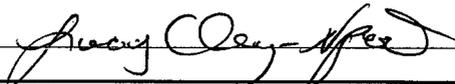
| TYPE OF SUBMISSION  | TYPE OF ACTION  |   |   |
|---|---|---|---|
| <input type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br><br>Approximate date work will<br>_____                             | <input type="checkbox"/> ACIDIZE                          | <input type="checkbox"/> DEEPEN                   | <input type="checkbox"/> REPERFORATE CURRENT FORMATION      |
|   | <input type="checkbox"/> ALTER CASING                     | <input type="checkbox"/> FRACTURE TREAT           | <input type="checkbox"/> SIDETRACK TO REPAIR WELL           |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br><br>Date of Work Completion:<br><u>05/04/2011</u> | <input type="checkbox"/> CASING REPAIR                    | <input type="checkbox"/> NEW CONSTRUCTION         | <input type="checkbox"/> TEMPORARITLY ABANDON               |
|   | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS         | <input type="checkbox"/> OPERATOR CHANGE          | <input type="checkbox"/> TUBING REPAIR                      |
|   | <input type="checkbox"/> CHANGE TUBING                    | <input type="checkbox"/> PLUG AND ABANDON         | <input type="checkbox"/> VENT OR FLAIR                      |
|   | <input type="checkbox"/> CHANGE WELL NAME                 | <input type="checkbox"/> PLUG BACK                | <input type="checkbox"/> WATER DISPOSAL                     |
|   | <input type="checkbox"/> CHANGE WELL STATUS               | <input type="checkbox"/> PRODUCTION (START/STOP)  | <input type="checkbox"/> WATER SHUT-OFF                     |
|   | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS   | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input checked="" type="checkbox"/> OTHER: - Step Rate Test |
| <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.  
 A step rate test was conducted on the subject well on May 4, 2011. Results from the test indicate that the fracture gradient is 0.724 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1135 psi to 1340 psi.

EPA: UT21044-07102 API: 43-047-35475

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

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Water Services Technician

SIGNATURE  DATE 05/05/2011

(This space for State use only)

**RECEIVED**  
**MAY 11 2011**  
 DIV. OF OIL, GAS & MINING

# Step Rate Test (SRT) Analysis

Date: 05/04/2011

Operator: Newfield Production Company

Well: FEDERAL 9-4-9-18

Permit #: UT21044-07102

**Enter the following data :**

|   |              |      |             |
|---|--------------|------|-------------|
| Specific Gravity (sg) of injectate =  | <u>1.015</u> | g/cc |             |
| Depth to top perforation (D) =  | <u>4718</u>  | feet | 4718        |
| Top of permitted injection zone depth (blank=use top perforation to calculate fg) = |              | feet |             |
| Estimated Formation Parting Pressure (Pfp) from SRT chart =                         | <u>1340</u>  | psi  |             |
| Instantaneous Shut In Pressure (ISIP) from SRT =                                    | <u>1351</u>  | psi  | 1340        |
| Bottom Hole Parting Pressure (Pbhp) from downhole pressure recorder =               |              | psi  | no downhole |

## Part One - Calculation of Fracture Gradient (fg)

**Calculated Fracture Gradient = 0.724 psi/ft.**

where: fg = Pbhp / D (Note: this formula uses the downhole recorded bottom hole parting pressure if available) = 1351

D = depth used = 4718

Pbhp used = 3414

**Calculated Bottom Hole Parting Pressure (Pbhp) = 3414 psi**

3413.537

to calculate Bottom Hole Parting Pressure (Pbhp) = Formation Fracture Pressure (ISIP or Pfp) + (0.433 \* SG \* D)

(Uses lesser of ISIP or Pfp) Value used = 1340

## Part Two - Calculation of Maximum Allowable Injection Pressure (MAIP)

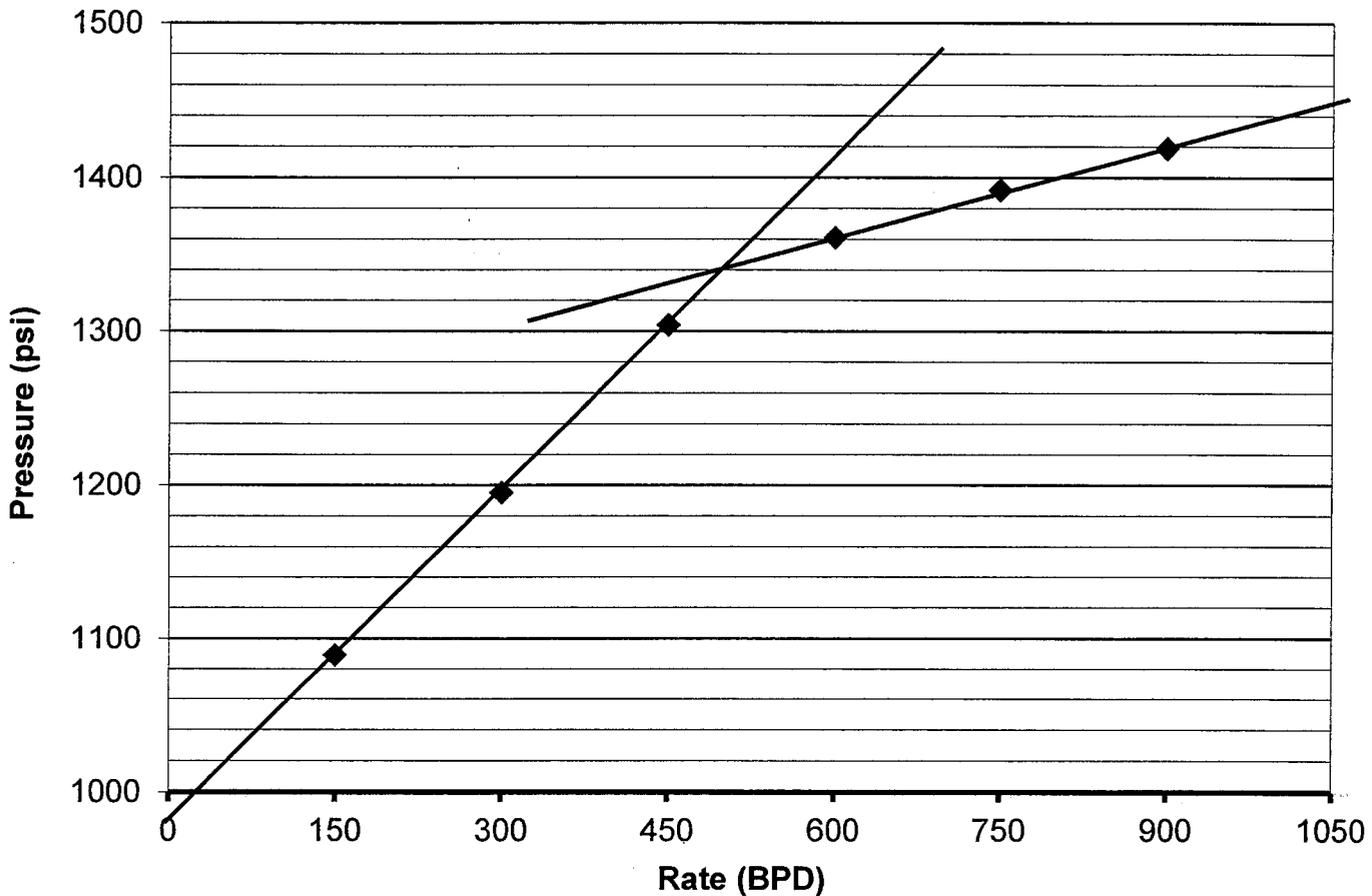
**Maximum Allowable Injection Pressure (MAIP) = 1340 psig**

D = depth used = 4718

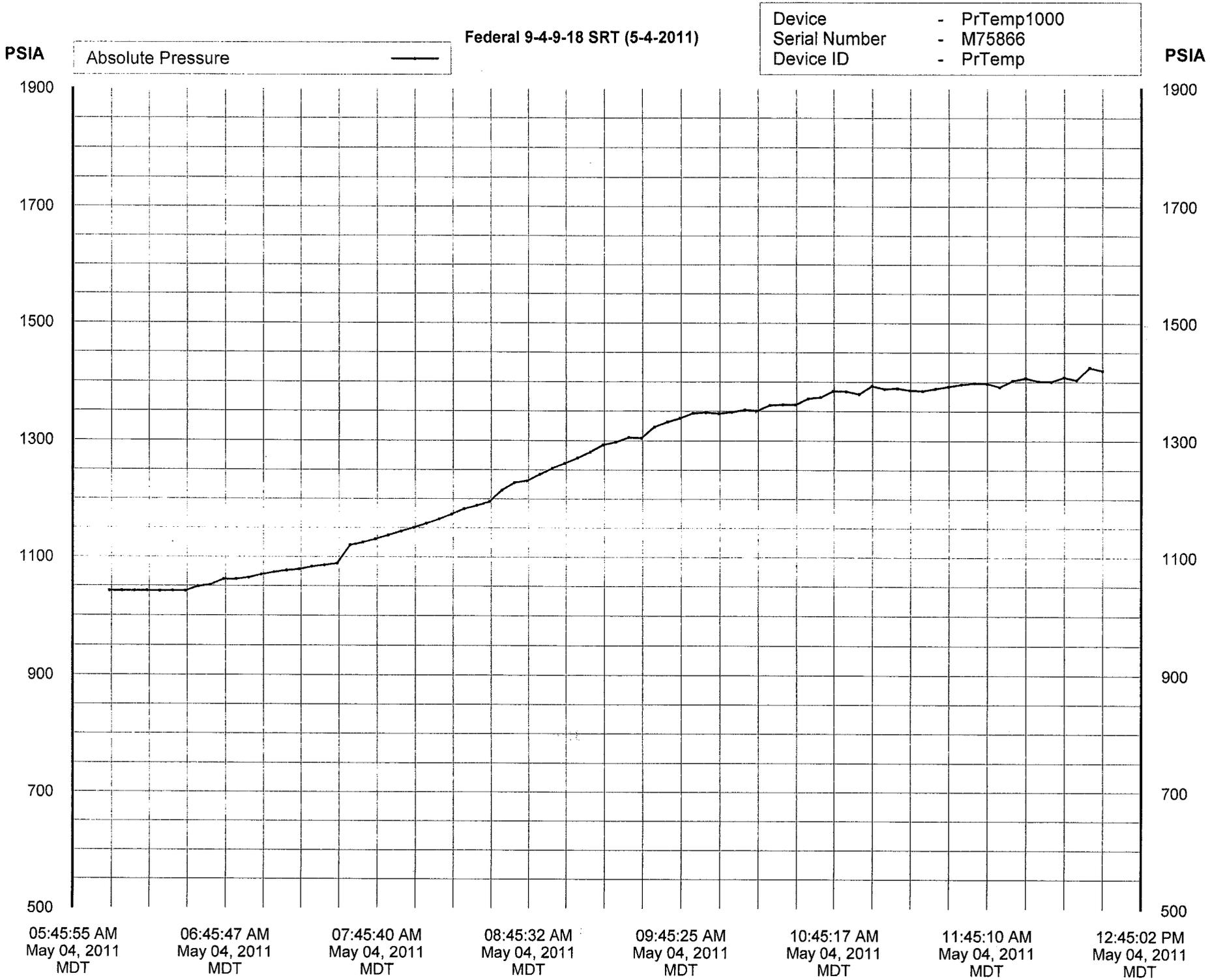
MAIP = fg \* (0.433 \* SG) \* D = 1342.295

(rounded down to nearest 5 psig)

**Federal 9-4-9-18  
Greater Monument Butte Unit  
Step Rate Test  
May 4, 2011**



|   |              | <b>Step</b> | <b>Rate(bpd)</b> | <b>Pressure(psi)</b> |
|---|--------------|-------------|------------------|----------------------|
| <b>Start Pressure:</b>                        | 1041 psi     | 1           | 150              | 1089                 |
| <b>Instantaneous Shut In Pressure (ISIP):</b> | 1351 psi     | 2           | 300              | 1195                 |
| <b>Top Perforation:</b>                       | 4718 feet    | 3           | 450              | 1304                 |
| <b>Fracture pressure (Pfp):</b>               | 1340 psi     | 4           | 600              | 1361                 |
| <b>FG:</b>                                    | 0.724 psi/ft | 5           | 750              | 1392                 |
|   |              | 6           | 900              | 1419                 |



05:45:55 AM  
May 04, 2011  
MDT

06:45:47 AM  
May 04, 2011  
MDT

07:45:40 AM  
May 04, 2011  
MDT

08:45:32 AM  
May 04, 2011  
MDT

09:45:25 AM  
May 04, 2011  
MDT

10:45:17 AM  
May 04, 2011  
MDT

11:45:10 AM  
May 04, 2011  
MDT

12:45:02 PM  
May 04, 2011  
MDT

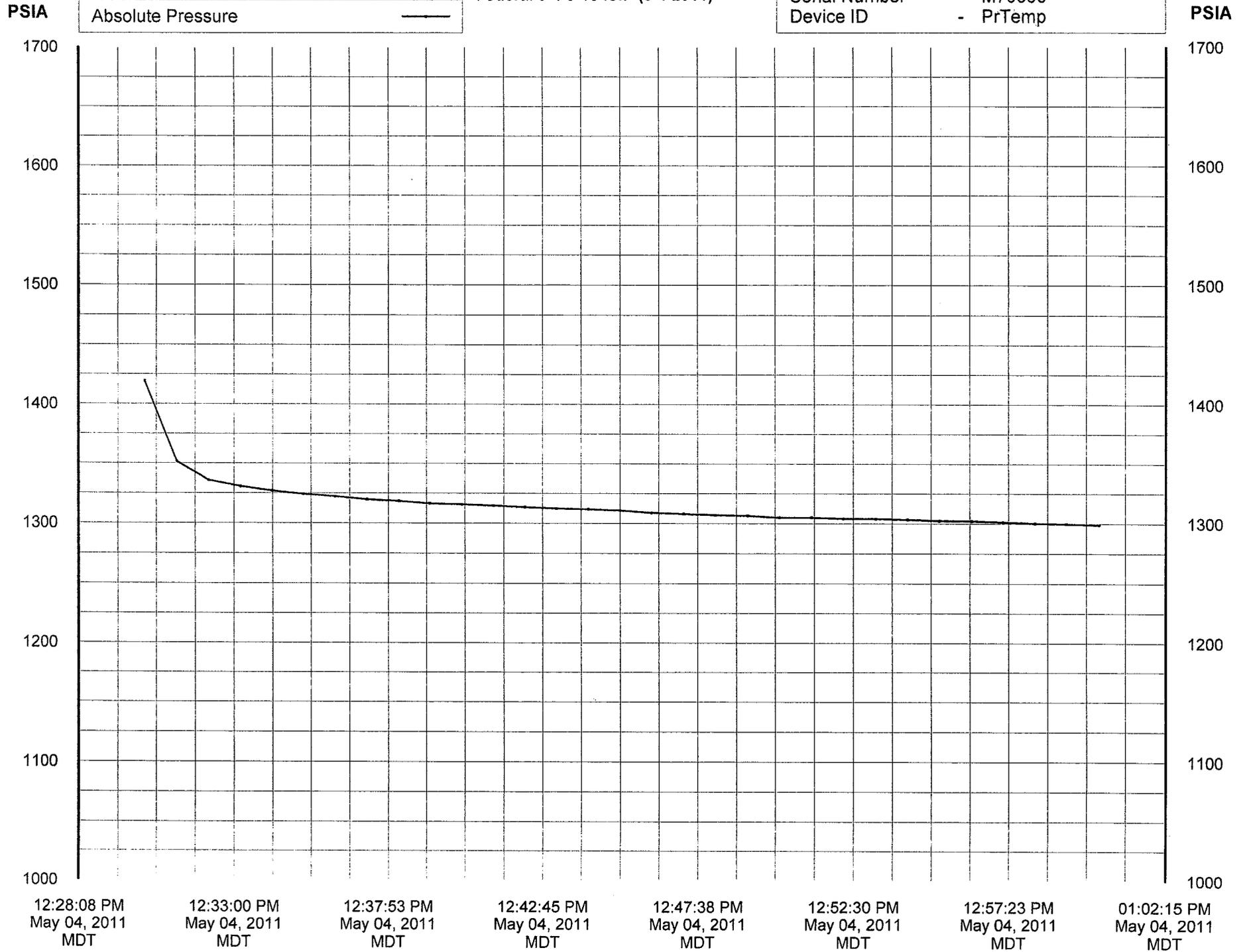
Report Name: PrTemp1000 Data Table  
 Report Date: May 04, 2011 03:53:14 PM MDT  
 File Name: S:\Welinfo\PTC@ Instruments 2.00\Federal 9-4-9-18 SRT (5-4-2011).csv  
 Title: Federal 9-4-9-18 SRT (5-4-2011)  
 Device: PrTemp1000 - Temperature and Pressure Recorder  
 Hardware Revision: REV2C (64K)  
 Serial Number: M75866  
 Device ID: PrTemp  
 Data Start Date: May 04, 2011 05:59:59 AM MDT  
 Data End Date: May 04, 2011 12:30:00 PM MDT  
 Reading Rate: 2 Seconds  
 Readings: 1 to 79 of 79  
 Last Calibration Date: Apr 12, 2011  
 Next Calibration Date: Apr 12, 2012

| <u>Reading</u> | <u>Date and Time (MDT)</u> | <u>Absolute Pressure</u> | <u>Annotation</u> |
|----------------|----------------------------|--------------------------|-------------------|
| 1              | May 04, 2011 05:59:59 AM   | 1041.400                 | PSIA              |
| 2              | May 04, 2011 06:04:59 AM   | 1041.600                 | PSIA              |
| 3              | May 04, 2011 06:09:59 AM   | 1041.400                 | PSIA              |
| 4              | May 04, 2011 06:14:59 AM   | 1041.600                 | PSIA              |
| 5              | May 04, 2011 06:19:59 AM   | 1041.200                 | PSIA              |
| 6              | May 04, 2011 06:24:59 AM   | 1041.600                 | PSIA              |
| 7              | May 04, 2011 06:30:00 AM   | 1041.200                 | PSIA              |
| 8              | May 04, 2011 06:34:59 AM   | 1048.800                 | PSIA              |
| 9              | May 04, 2011 06:40:00 AM   | 1051.600                 | PSIA              |
| 10             | May 04, 2011 06:44:58 AM   | 1061.000                 | PSIA              |
| 11             | May 04, 2011 06:49:59 AM   | 1061.400                 | PSIA              |
| 12             | May 04, 2011 06:54:59 AM   | 1064.000                 | PSIA              |
| 13             | May 04, 2011 06:59:59 AM   | 1069.600                 | PSIA              |
| 14             | May 04, 2011 07:04:59 AM   | 1073.800                 | PSIA              |
| 15             | May 04, 2011 07:09:59 AM   | 1076.800                 | PSIA              |
| 16             | May 04, 2011 07:15:00 AM   | 1078.800                 | PSIA              |
| 17             | May 04, 2011 07:19:59 AM   | 1083.200                 | PSIA              |
| 18             | May 04, 2011 07:25:00 AM   | 1085.800                 | PSIA              |
| 19             | May 04, 2011 07:29:59 AM   | 1088.600                 | PSIA              |
| 20             | May 04, 2011 07:34:59 AM   | 1120.000                 | PSIA              |
| 21             | May 04, 2011 07:39:58 AM   | 1124.600                 | PSIA              |
| 22             | May 04, 2011 07:44:58 AM   | 1130.600                 | PSIA              |
| 23             | May 04, 2011 07:49:59 AM   | 1137.200                 | PSIA              |
| 24             | May 04, 2011 07:54:59 AM   | 1144.000                 | PSIA              |
| 25             | May 04, 2011 08:00:00 AM   | 1150.200                 | PSIA              |
| 26             | May 04, 2011 08:04:59 AM   | 1157.400                 | PSIA              |
| 27             | May 04, 2011 08:10:00 AM   | 1165.000                 | PSIA              |
| 28             | May 04, 2011 08:14:59 AM   | 1173.400                 | PSIA              |
| 29             | May 04, 2011 08:19:59 AM   | 1182.600                 | PSIA              |
| 30             | May 04, 2011 08:24:59 AM   | 1188.600                 | PSIA              |
| 31             | May 04, 2011 08:29:59 AM   | 1195.400                 | PSIA              |
| 32             | May 04, 2011 08:34:59 AM   | 1215.200                 | PSIA              |
| 33             | May 04, 2011 08:39:59 AM   | 1228.000                 | PSIA              |
| 34             | May 04, 2011 08:45:00 AM   | 1231.200                 | PSIA              |
| 35             | May 04, 2011 08:49:59 AM   | 1242.400                 | PSIA              |
| 36             | May 04, 2011 08:55:00 AM   | 1252.800                 | PSIA              |
| 37             | May 04, 2011 08:59:59 AM   | 1261.400                 | PSIA              |
| 38             | May 04, 2011 09:04:59 AM   | 1270.400                 | PSIA              |
| 39             | May 04, 2011 09:09:59 AM   | 1280.800                 | PSIA              |
| 40             | May 04, 2011 09:14:59 AM   | 1292.800                 | PSIA              |
| 41             | May 04, 2011 09:19:59 AM   | 1297.400                 | PSIA              |
| 42             | May 04, 2011 09:24:59 AM   | 1305.200                 | PSIA              |
| 43             | May 04, 2011 09:30:00 AM   | 1304.400                 | PSIA              |
| 44             | May 04, 2011 09:34:59 AM   | 1323.000                 | PSIA              |
| 45             | May 04, 2011 09:40:00 AM   | 1331.400                 | PSIA              |
| 46             | May 04, 2011 09:44:59 AM   | 1337.800                 | PSIA              |
| 47             | May 04, 2011 09:49:59 AM   | 1346.400                 | PSIA              |
| 48             | May 04, 2011 09:54:59 AM   | 1347.600                 | PSIA              |
| 49             | May 04, 2011 09:59:59 AM   | 1345.800                 | PSIA              |
| 50             | May 04, 2011 10:04:59 AM   | 1348.200                 | PSIA              |
| 51             | May 04, 2011 10:09:59 AM   | 1352.000                 | PSIA              |
| 52             | May 04, 2011 10:15:00 AM   | 1350.600                 | PSIA              |
| 53             | May 04, 2011 10:19:59 AM   | 1360.200                 | PSIA              |
| 54             | May 04, 2011 10:25:00 AM   | 1361.200                 | PSIA              |
| 55             | May 04, 2011 10:29:59 AM   | 1361.000                 | PSIA              |
| 56             | May 04, 2011 10:34:59 AM   | 1371.600                 | PSIA              |
| 57             | May 04, 2011 10:39:59 AM   | 1374.000                 | PSIA              |
| 58             | May 04, 2011 10:44:59 AM   | 1384.200                 | PSIA              |
| 59             | May 04, 2011 10:49:59 AM   | 1383.600                 | PSIA              |
| 60             | May 04, 2011 10:54:59 AM   | 1379.400                 | PSIA              |

|    |                          |          |      |
|----|--------------------------|----------|------|
| 61 | May 04, 2011 11:00:00 AM | 1392.800 | PSIA |
| 62 | May 04, 2011 11:04:59 AM | 1388.000 | PSIA |
| 63 | May 04, 2011 11:10:00 AM | 1389.000 | PSIA |
| 64 | May 04, 2011 11:14:59 AM | 1385.600 | PSIA |
| 65 | May 04, 2011 11:19:59 AM | 1384.800 | PSIA |
| 66 | May 04, 2011 11:24:59 AM | 1388.600 | PSIA |
| 67 | May 04, 2011 11:29:59 AM | 1392.000 | PSIA |
| 68 | May 04, 2011 11:34:59 AM | 1395.800 | PSIA |
| 69 | May 04, 2011 11:39:59 AM | 1398.200 | PSIA |
| 70 | May 04, 2011 11:45:00 AM | 1397.400 | PSIA |
| 71 | May 04, 2011 11:49:59 AM | 1391.200 | PSIA |
| 72 | May 04, 2011 11:55:00 AM | 1402.400 | PSIA |
| 73 | May 04, 2011 11:59:59 AM | 1406.800 | PSIA |
| 74 | May 04, 2011 12:04:59 PM | 1401.600 | PSIA |
| 75 | May 04, 2011 12:09:59 PM | 1401.000 | PSIA |
| 76 | May 04, 2011 12:14:59 PM | 1408.200 | PSIA |
| 77 | May 04, 2011 12:19:59 PM | 1403.400 | PSIA |
| 78 | May 04, 2011 12:24:59 PM | 1424.600 | PSIA |
| 79 | May 04, 2011 12:30:00 PM | 1419.400 | PSIA |

Federal 9-4-9-18 ISIP (5-4-2011)

Device - PrTemp1000  
Serial Number - M75866  
Device ID - PrTemp



Report Name: PrTemp1000 Data Table  
 Report Date: May 04, 2011 03:53:04 PM MDT  
 File Name: S:\WellInfo\PTC@ Instruments 2.00\Federal 9-4-9-18 ISIP (5-4-2011).csv  
 Title: Federal 9-4-9-18 ISIP (5-4-2011)  
 Device: PrTemp1000 - Temperature and Pressure Recorder  
 Hardware Revision: REV2C (64K)  
 Serial Number: M75866  
 Device ID: PrTemp  
 Data Start Date: May 04, 2011 12:30:12 PM MDT  
 Data End Date: May 04, 2011 01:00:13 PM MDT  
 Reading Rate: 2 Seconds  
 Readings: 1 to 31 of 31  
 Last Calibration Date: Apr 12, 2011  
 Next Calibration Date: Apr 12, 2012

| <u>Reading</u> | <u>Date and Time (MDT)</u> | <u>Absolute Pressure</u> | <u>Annotation</u> |
|----------------|----------------------------|--------------------------|-------------------|
| 1              | May 04, 2011 12:30:12 PM   | 1419.200                 | PSIA              |
| 2              | May 04, 2011 12:31:13 PM   | 1351.400                 | PSIA              |
| 3              | May 04, 2011 12:32:12 PM   | 1335.800                 | PSIA              |
| 4              | May 04, 2011 12:33:12 PM   | 1330.400                 | PSIA              |
| 5              | May 04, 2011 12:34:13 PM   | 1326.800                 | PSIA              |
| 6              | May 04, 2011 12:35:12 PM   | 1324.000                 | PSIA              |
| 7              | May 04, 2011 12:36:12 PM   | 1322.000                 | PSIA              |
| 8              | May 04, 2011 12:37:13 PM   | 1319.600                 | PSIA              |
| 9              | May 04, 2011 12:38:13 PM   | 1318.400                 | PSIA              |
| 10             | May 04, 2011 12:39:12 PM   | 1316.400                 | PSIA              |
| 11             | May 04, 2011 12:40:13 PM   | 1315.600                 | PSIA              |
| 12             | May 04, 2011 12:41:13 PM   | 1314.600                 | PSIA              |
| 13             | May 04, 2011 12:42:12 PM   | 1313.400                 | PSIA              |
| 14             | May 04, 2011 12:43:11 PM   | 1312.200                 | PSIA              |
| 15             | May 04, 2011 12:44:12 PM   | 1311.600                 | PSIA              |
| 16             | May 04, 2011 12:45:11 PM   | 1310.600                 | PSIA              |
| 17             | May 04, 2011 12:46:11 PM   | 1308.600                 | PSIA              |
| 18             | May 04, 2011 12:47:12 PM   | 1307.800                 | PSIA              |
| 19             | May 04, 2011 12:48:11 PM   | 1306.800                 | PSIA              |
| 20             | May 04, 2011 12:49:12 PM   | 1306.400                 | PSIA              |
| 21             | May 04, 2011 12:50:12 PM   | 1304.800                 | PSIA              |
| 22             | May 04, 2011 12:51:12 PM   | 1304.800                 | PSIA              |
| 23             | May 04, 2011 12:52:12 PM   | 1304.000                 | PSIA              |
| 24             | May 04, 2011 12:53:12 PM   | 1303.800                 | PSIA              |
| 25             | May 04, 2011 12:54:12 PM   | 1303.200                 | PSIA              |
| 26             | May 04, 2011 12:55:12 PM   | 1302.200                 | PSIA              |
| 27             | May 04, 2011 12:56:13 PM   | 1302.000                 | PSIA              |
| 28             | May 04, 2011 12:57:12 PM   | 1301.200                 | PSIA              |
| 29             | May 04, 2011 12:58:12 PM   | 1300.200                 | PSIA              |
| 30             | May 04, 2011 12:59:11 PM   | 1299.800                 | PSIA              |
| 31             | May 04, 2011 01:00:13 PM   | 1299.000                 | PSIA              |

## *Federal 9-4-9-18 Rate Sheet (5-4-2011)*

|                 |       |       |       |       |       |       |       |
|-----------------|-------|-------|-------|-------|-------|-------|-------|
| <i>Step # 1</i> | Time: | 6:35  | 6:40  | 6:45  | 6:50  | 6:55  | 7:00  |
|                 | Rate: | 150.3 | 150.3 | 150.3 | 150.3 | 150.2 | 150.2 |
|                 | Time: | 7:05  | 7:10  | 7:15  | 7:20  | 7:25  | 7:30  |
|                 | Rate: | 150.2 | 150.2 | 150.1 | 150.1 | 150.1 | 150.1 |
| <i>Step # 2</i> | Time: | 7:35  | 7:40  | 7:45  | 7:50  | 7:55  | 8:00  |
|                 | Rate: | 300.5 | 300.5 | 300.5 | 300.5 | 300.4 | 300.4 |
|                 | Time: | 8:05  | 8:10  | 8:15  | 8:20  | 8:25  | 8:30  |
|                 | Rate: | 300.3 | 300.3 | 300.3 | 300.2 | 300.2 | 300.2 |
| <i>Step # 3</i> | Time: | 8:35  | 8:40  | 8:45  | 8:50  | 8:55  | 9:00  |
|                 | Rate: | 450.5 | 450.5 | 450.5 | 450.4 | 450.4 | 450.4 |
|                 | Time: | 9:05  | 9:10  | 9:15  | 9:20  | 9:25  | 9:30  |
|                 | Rate: | 450.3 | 450.3 | 450.3 | 450.3 | 450.3 | 450.2 |
| <i>Step # 4</i> | Time: | 9:35  | 9:40  | 9:45  | 9:50  | 9:55  | 10:00 |
|                 | Rate: | 600.4 | 600.4 | 600.4 | 600.3 | 600.3 | 600.3 |
|                 | Time: | 10:05 | 10:10 | 10:15 | 10:20 | 10:25 | 10:30 |
|                 | Rate: | 600.3 | 600.3 | 600.3 | 600.3 | 600.2 | 600.2 |
| <i>Step # 5</i> | Time: | 10:35 | 10:40 | 10:45 | 10:50 | 10:55 | 11:00 |
|                 | Rate: | 750.6 | 750.6 | 750.5 | 750.5 | 750.5 | 750.5 |
|                 | Time: | 11:05 | 11:10 | 11:15 | 11:20 | 11:25 | 11:30 |
|                 | Rate: | 750.4 | 750.4 | 750.3 | 750.3 | 750.3 | 750.3 |
| <i>Step # 6</i> | Time: | 11:35 | 11:40 | 11:45 | 11:50 | 11:55 | 12:00 |
|                 | Rate: | 900.5 | 900.5 | 900.5 | 900.4 | 900.4 | 900.4 |
|                 | Time: | 12:05 | 12:10 | 12:15 | 12:20 | 12:25 | 12:30 |
|                 | Rate: | 900.4 | 900.4 | 900.3 | 900.2 | 900.2 | 900.2 |
|                 | Time: |       |       |       |       |       |       |
|                 | Rate: |       |       |       |       |       |       |
|                 | Time: |       |       |       |       |       |       |
|                 | Rate: |       |       |       |       |       |       |
|                 | Time: |       |       |       |       |       |       |
|                 | Rate: |       |       |       |       |       |       |
|                 | Time: |       |       |       |       |       |       |
|                 | Rate: |       |       |       |       |       |       |

|  |  |   |
|--|--|---|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  |  | <b>FORM 9</b>   |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. |  | <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>UTU-17424 |
|  |  | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>                |
| <b>1. TYPE OF WELL</b><br>Water Injection Well   |  | <b>7. UNIT or CA AGREEMENT NAME:</b><br>GMBU (GRRV)         |
| <b>2. NAME OF OPERATOR:</b><br>NEWFIELD PRODUCTION COMPANY   |  | <b>8. WELL NAME and NUMBER:</b><br>FEDERAL 9-4-9-18         |
| <b>3. ADDRESS OF OPERATOR:</b><br>Rt 3 Box 3630 , Myton, UT, 84052   |  | <b>9. API NUMBER:</b><br>43047354750000                     |
| <b>PHONE NUMBER:</b><br>435 646-4825 Ext   |  | <b>9. FIELD and POOL or WILDCAT:</b><br>8 MILE FLAT NORTH   |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>2177 FSL 0671 FEL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: NESE Section: 04 Township: 09.0S Range: 18.0E Meridian: S  |  | <b>COUNTY:</b><br>UINTAH                                    |
|  |  | <b>STATE:</b><br>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<br>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<br>Date of Work Completion:<br>12/29/2012 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS      | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> CHANGE WELL NAME               |
| <input type="checkbox"/> SPUD REPORT<br>Date of Spud:   | <input type="checkbox"/> CHANGE WELL STATUS            | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE              |
| <input type="checkbox"/> DRILLING REPORT<br>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="5 YR MIT"/>            |

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

On 11/27/2012 Sarah Roberts with the EPA was contacted concerning the 5 YR MIT on the above listed well. On 12/29/2012 the casing was pressured up to 1575 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbg pressure was 1250 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-07102

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
February 07, 2013**

|   |                                     |   |
|---|-------------------------------------|---|
| <b>NAME (PLEASE PRINT)</b><br>Lucy Chavez-Naupoto | <b>PHONE NUMBER</b><br>435 646-4874 | <b>TITLE</b><br>Water Services Technician |
| <b>SIGNATURE</b><br>N/A                           | <b>DATE</b><br>1/3/2013             |   |

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 12 / 29 / 12  
 Test conducted by: Troy Lazenby  
 Others present: \_\_\_\_\_

|   |   |                  |
|---|---|------------------|
| Well Name: <u>Federal 9-4-9-18</u>  | Type: ER SWD                            | Status: AC TA UC |
| Field: <u>Monument Butte</u>  |   |                  |
| Location: <u>NE/SE</u> Sec: <u>4</u> T <u>9</u> N <u>(S)</u> R <u>18</u> E/W County: <u>Utah</u> State: _____ |   |                  |
| Operator: <u>Shannon Lazenby</u>  |   |                  |
| Last MIT: <u>1</u> / <u>1</u>   | Maximum Allowable Pressure: <u>1340</u> | PSIG             |

Is this a regularly scheduled test?  Yes  No  
 Initial test for permit?  Yes  No  
 Test after well rework?  Yes  No  
 Well injecting during test?  Yes  No If Yes, rate: 0 bpd

Pre-test casing/tubing annulus pressure: 1575 / 1250 psig

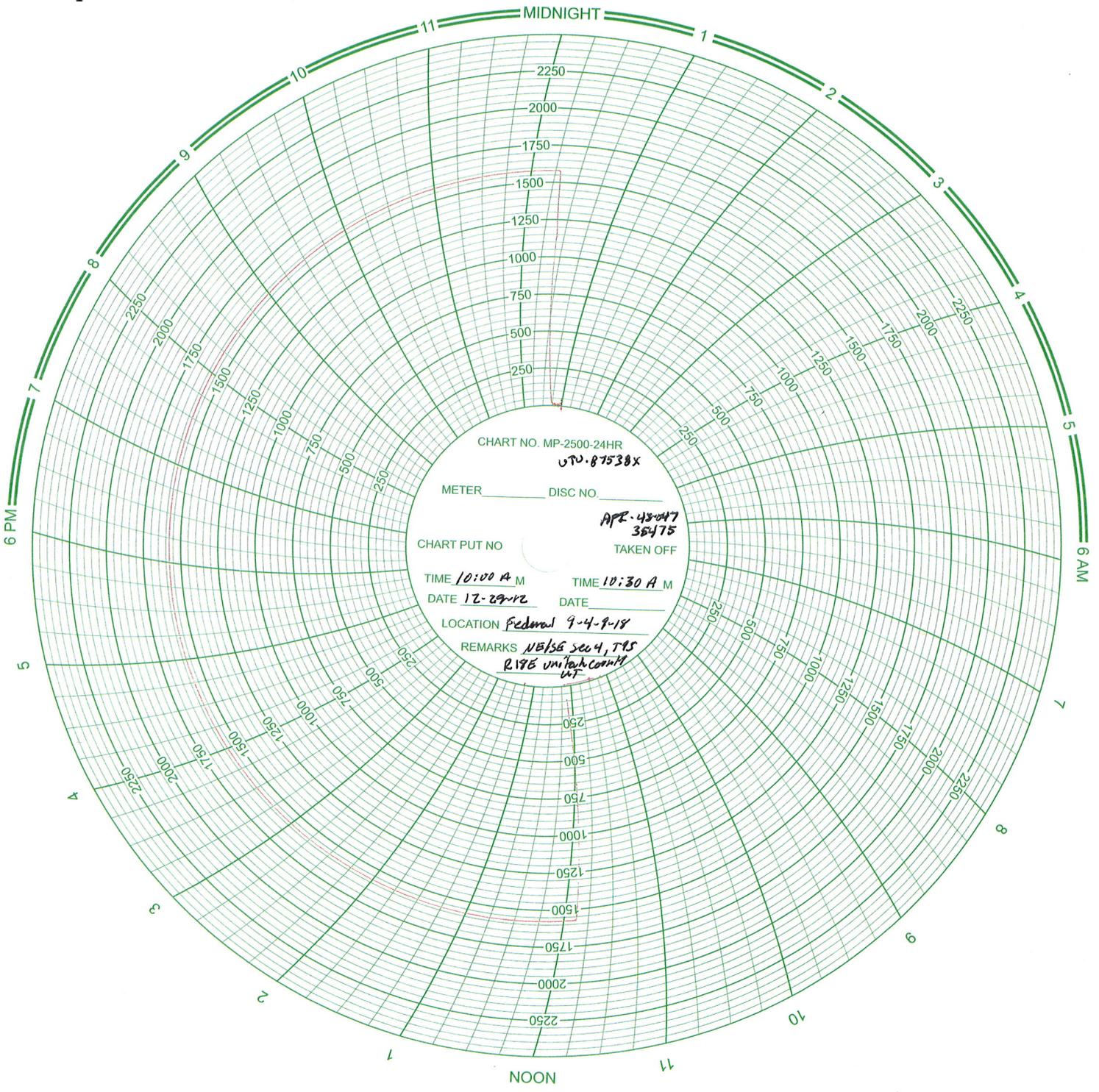
| MIT DATA TABLE                          | Test #1   | Test #2   | Test #3   |
|---|---|---|---|
| <b>TUBING PRESSURE</b>                  |   |   |   |
| Initial Pressure                        | 1250 psig   | psig  | psig  |
| End of test pressure                    | 1250 psig   | psig  | psig  |
| <b>CASING / TUBING ANNULUS PRESSURE</b> |   |   |   |
| 0 minutes                               | 1575 psig   | psig  | psig  |
| 5 minutes                               | 1575 psig   | psig  | psig  |
| 10 minutes                              | 1575 psig   | psig  | psig  |
| 15 minutes                              | 1575 psig   | psig  | psig  |
| 20 minutes                              | 1575 psig   | psig  | psig  |
| 25 minutes                              | 1575 psig   | psig  | psig  |
| 30 minutes                              | 1575 psig   | psig  | psig  |
| _____ minutes                           | psig  | psig  | psig  |
| _____ minutes                           | psig  | psig  | psig  |
| <b>RESULT</b>                           | <input type="checkbox"/> Pass <input type="checkbox"/> Fail | <input type="checkbox"/> Pass <input type="checkbox"/> Fail | <input type="checkbox"/> Pass <input type="checkbox"/> Fail |

Does the annulus pressure build back up after the test?  Yes  No

## MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: [Signature]



# Federal 9-4-9-18

Spud Date: 1/19/05  
 Put on Injection : 05/30/07  
 GL: 4941' KB: 4953'

Initial Production: BOPD,  
 MCFD, BWPD

Injection Wellbore  
 Diagram

**SURFACE CASING**

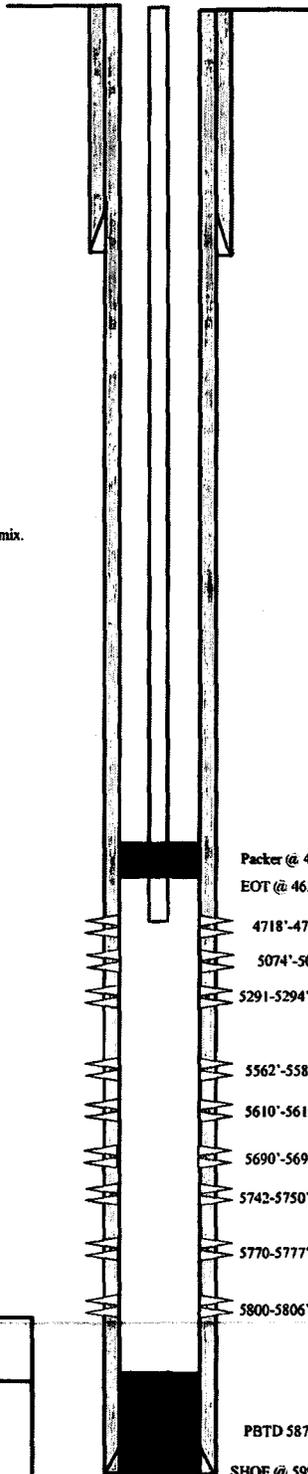
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (304.42')  
 DEPTH LANDED: 312.42' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 160sxs Class "G" mixed cmt, est 5 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 142 jts. (5996.57')  
 DEPTH LANDED: 5994.57' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 400 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ mix.  
 CEMENT TOP AT:

**TUBING DETAIL**

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 145 jts (4617.06)  
 SEATING NIPPLE: 2-7/8" (1.10') @4629.06'  
 ASI PKR. C.E. @4633.41'  
 TOTAL STRING LENGTH: EOT @ 4637.61'



- 05/22/07 5690'-5806' Frac CP3 & CP4 sands as follows  
 29,779# 20/40 sand in 389 bbl Lightning  
 17 frac fluid. Treated @ avg press of 1514  
 psi w/ avg rate of 24.8 BPM. ISIP 1330  
 psi. Calc flush 2185, Acutal flush 5208
- 05/22/07 5562'-5619' Frac CP2 & CP1 sands as follows:  
 19,567# 20/40 sand in 303 bbls Lightning  
 17 frac fluid. Treated w/ ave press of  
 1884 psi @ ave rate of 24.5 BPM. ISIP  
 1723 psi. Calc flush 2086, Actual flush  
 5057
- 05/23/07 5291'-5294' Frac LODC sands as follows:  
 15,073# 20/40 sand in 277 bbls Lightning  
 17 frac fluid. Treated w/ ave press of  
 2654 psi @ ave rate of 24.4 BPM. ISIP  
 2681 psi. Calc Flush 1815, Acutal 4784
- 05/23/07 5074'-5084' Frac B2 sands as follows:  
 15,206# 20/40 sand in 250 bbls Lightning  
 17 frac fluid. Treated w/ ave press of  
 2235 psi @ ave rate of 24.6 BPM. ISIP  
 2005 psi. Calc flush 1598, Acutal flush  
 4570
- 05/23/07 4718'-4728' Frac DS3 sands as follows:  
 19,689# 20/40 sand in 262 bbls Lightning  
 17 frac fluid. Treated w/ ave press of  
 2191 psi @ ave rate of 24.7 BPM. ISIP  
 1858 psi. Calc flush 1242, Acutal 4662
- 05/30/07 Completed well as an injector
- 08/30/07 MIT completed

**PERFORATIONS**

| Date     | Depth Range | Tool   | Holes    |
|----------|-------------|--------|----------|
| 05/22/07 | 5800'-5806' | 4 JSPF | 24 HOLES |
| 05/22/07 | 5770'-5777' | 4 JSPF | 28 HOLES |
| 05/22/07 | 5742'-5750' | 4 JSPF | 32 HOLES |
| 05/22/07 | 5690'-5696' | 4 JSPF | 24 HOLES |
| 05/22/07 | 5610'-5619' | 4 JSPF | 36 HOLES |
| 05/22/07 | 5562'-5580' | 4 JSPF | 72 HOLES |
| 05/22/07 | 5291'-5294' | 4 JSPF | 12 HOLES |
| 05/23/07 | 5074'-5084' | 4 JPSF | 40 HOLES |
| 05/23/07 | 4718'-4728' | 4 JSPF | 40 HOLES |

**NEWFIELD**  
**Newfield Production**

Federal 9-4-9-18  
 2177' FSL & 671' FEL  
 NE/SE Section 4-T9S-R18E  
 Uintah County, Utah  
 API #43-047-35475; Lease #UTU-17424