



RECEIVED

AUG 20 2004

DIV. OF OIL, GAS &amp; MINING

August 19, 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 1-13-9-16, 2-13-9-16, 5-13-9-16, 6-13-9-16, 7-13-9-16, 8-13-9-16, 9-13-9-16, 10-13-9-16, 11-13-9-16, 12-13-9-16, 13-13-9-16, 14-13-9-16, 15-13-9-16, and 16-13-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The 8-13-9-16 and 13-13-9-16 are Exception Locations. I have contacted our Land Department in the Denver office and they will be providing you with the appropriate Exception Location Letters. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

A handwritten signature in black ink that reads "Mandie Crozier". The signature is written in a cursive, flowing style.

Mandie Crozier  
Regulatory Specialist

mc  
enclosures

RECEIVED  
AUG 20 2004  
DIV. OF OIL, GAS & MINING

Form 3160-3  
(September 2001)

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-64805
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Inland Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 15-13-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SW/SE 695' FSL 1972' FEL 579815 X 40.02557 At proposed prod. zone 4430804 Y -110.06464		9. API Well No. 43-013-3 2648
14. Distance in miles and direction from nearest town or post office* Approximatley 20.2 miles south of Myton, Utah		10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 695' f/lse, NA f/unit	16. No. of Acres in lease 560.00	11. Sec., T., R., M., or Blk. and Survey or Area SW/SE Sec. 13, T9S R16E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1,331'	19. Proposed Depth 6500'	12. County or Parish Duchesne
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5553' GL	22. Approximate date work will start* 1st Quarter 2005	13. State UT
20. BLM/BIA Bond No. on file UTU0056		
23. Estimated duration Approximately seven (7) days from spud to ng release.		

24. Attachments

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

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

25. Signature <i>Mandi Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 8/19/04
Title Regulatory Specialist		
Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 08-25-04
Title ENVIRONMENTAL SCIENTIST III		

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

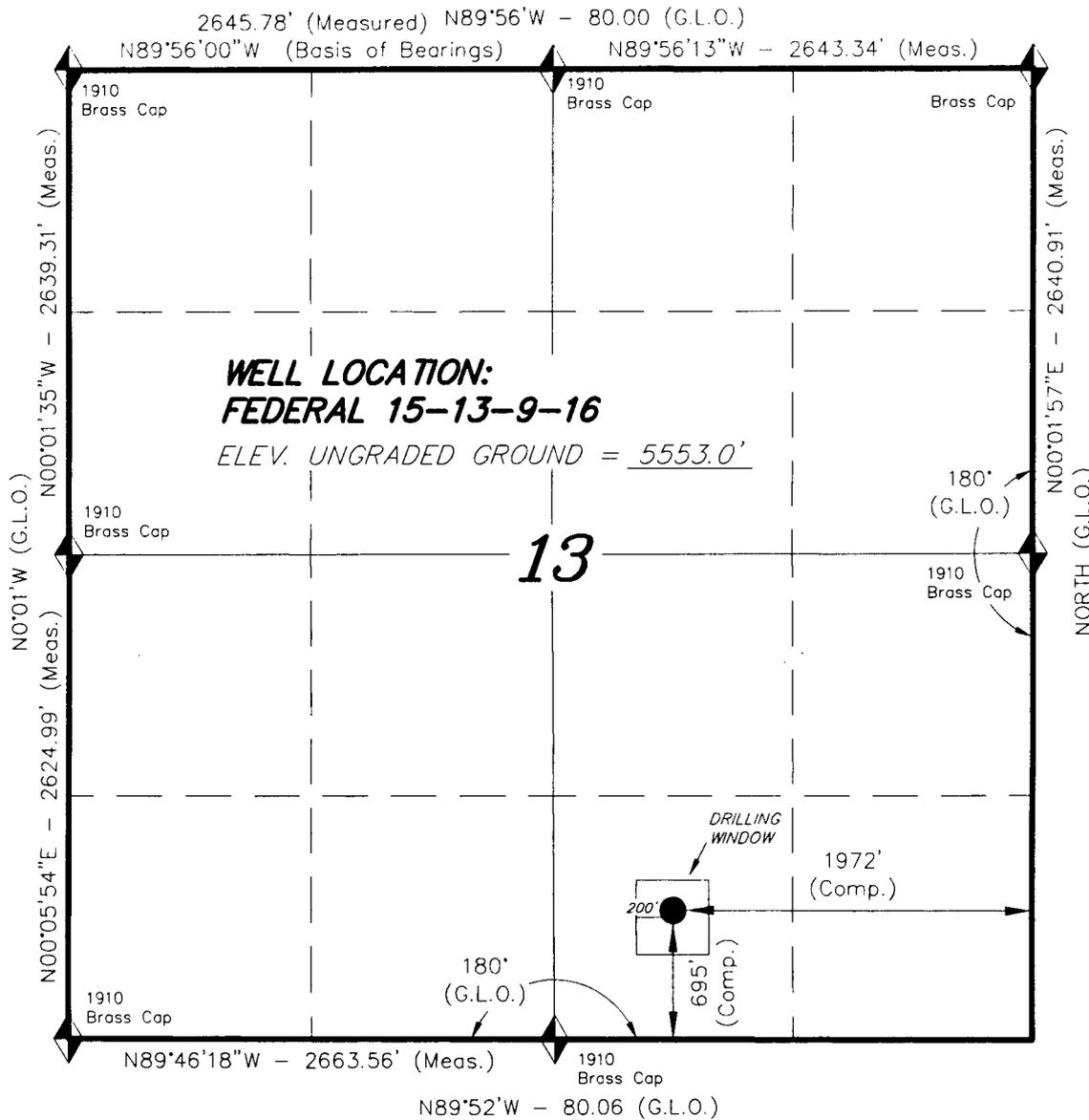
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

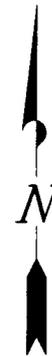
Federal Approval of this  
Action is Necessary

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

INLAND PRODUCTION COMPANY



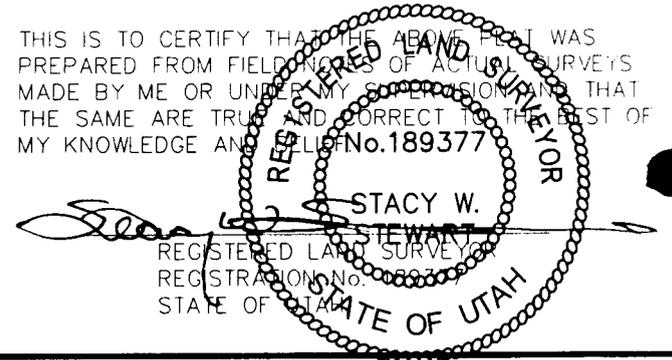
WELL LOCATION, FEDERAL 15-13-9-16,  
 LOCATED AS SHOWN IN THE SW 1/4 SE  
 1/4 OF SECTION 13, T9S, R16E,  
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



**NOTE:**

The Well Location bears  
 N43°22'52"E 952.83' from the  
 South 1/4 Corner of Section 13.

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



◆ = SECTION CORNERS LOCATED

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

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

SCALE: 1" = 1000'	SURVEYED BY: D.J.S.
DATE: 7-30-04	DRAFTED BY: F.T.M.
NOTES:	FILE #

INLAND PRODUCTION COMPANY  
FEDERAL #15-13-9-16  
SW/SE SECTION 13, T9S, R16E  
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 1640'
Green River	1640'
Wasatch	5880'

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.

**INLAND PRODUCTION COMPANY  
FEDERAL #15-13-9-16  
SW/SE SECTION 13, T9S, R16E  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

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

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Inland Production Company well location site Federal #15-13-9-16 located in the SW 1/4 SE 1/4 Section 13, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 14.6 miles  $\pm$  to it's junction with an existing road to the southwest; proceed southwesterly - 4.0 miles  $\pm$  to it's junction with the beginning of the proposed access road to the northwest; proceed northwesterly along the proposed access road - 1,125'  $\pm$  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.

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 #04-44, 5/5/03. Paleontological Resource Survey prepared by, Wade E. Miller, 4/7/04. See attached report cover pages, Exhibit "D".

For the Federal #15-13-9-16 Inland Production Company requests 175' of disturbed area be granted in Lease UTU-15855 and 950' of disturbed area be granted in Lease UTU-64805 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Inland Production Company requests 175' of disturbed area be granted in Lease UTU-15855 and 950' of disturbed area be granted in Lease UTU-64805 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

**Water Disposal**

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

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

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

**Inactive Nest:** Dixie Saddler to advise.

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

Shadscale

*Atriplex Confertifolia*

4 lbs/acre

Crested Wheat Grass  
Scarlet Globmallow  
Black Sage

*Sphaeralcea Conccinea*  
*Artemisia Nova*

4 lbs/acre  
3 lbs/acre  
1 lbs/acre

**Details of the On-Site Inspection**

The proposed Federal #15-13-9-16 was on-sited on 5/19/04. The following were present; Brad Mecham (Inland Production), David Gerbig (Inland Production), and Byron Tolman (Bureau of Land Management). Weather conditions were clear at 70 degrees.

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

Representative

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

Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #15-13-9-16 SW/SE Section 13, Township 9S, Range 16E: Lease UTU-64805 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by 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.

8/19/04

Date

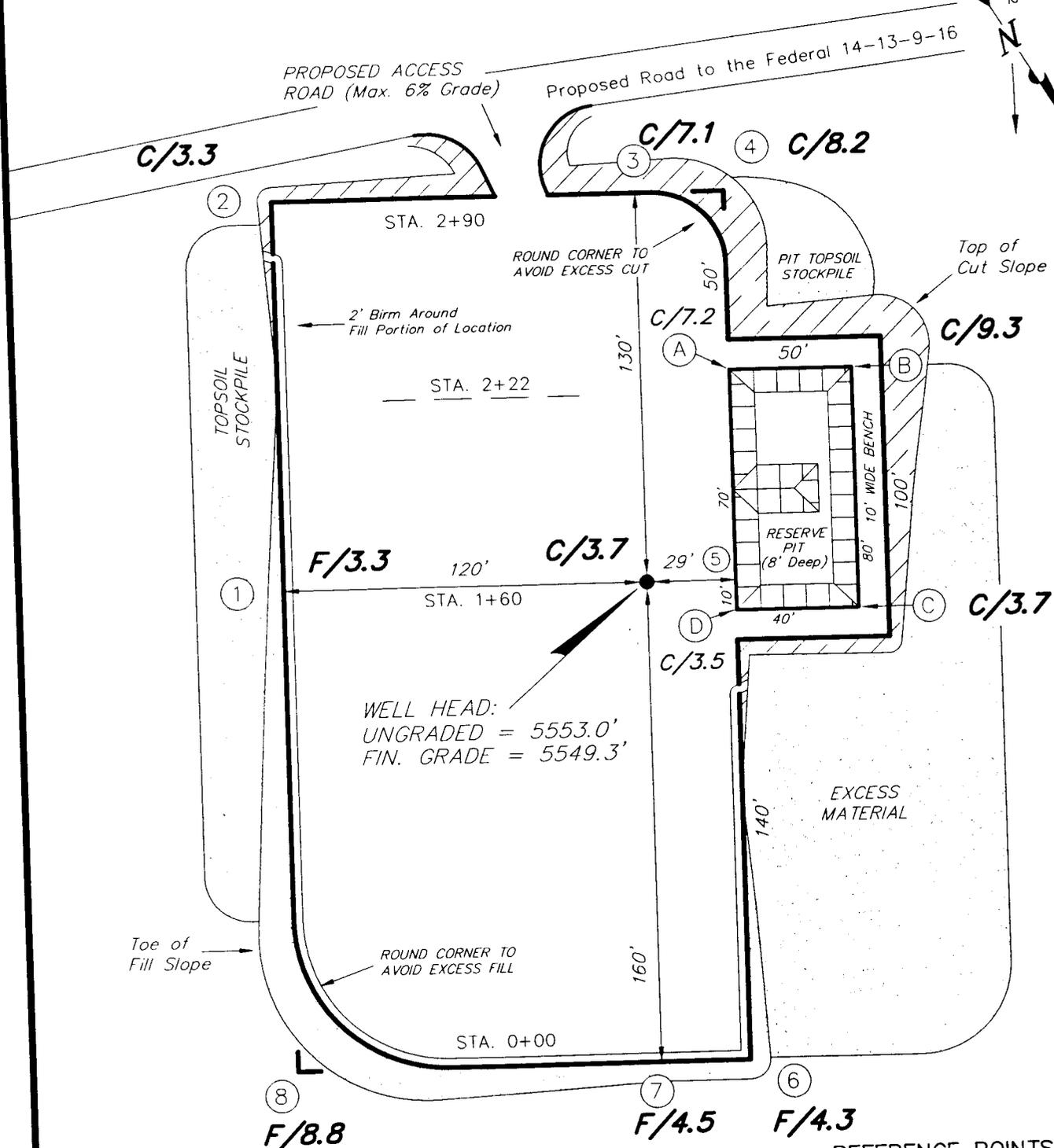
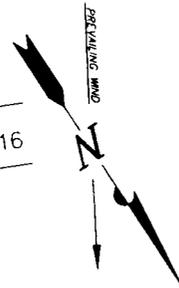


Mandie Crozier  
Regulatory Specialist

# INLAND PRODUCTION COMPANY

FEDERAL 15-13-9-16

Section 13, T9S, R16E, S.L.B.&M.



WELL HEAD:  
 UNGRADED = 5553.0'  
 FIN. GRADE = 5549.3'

**REFERENCE POINTS**

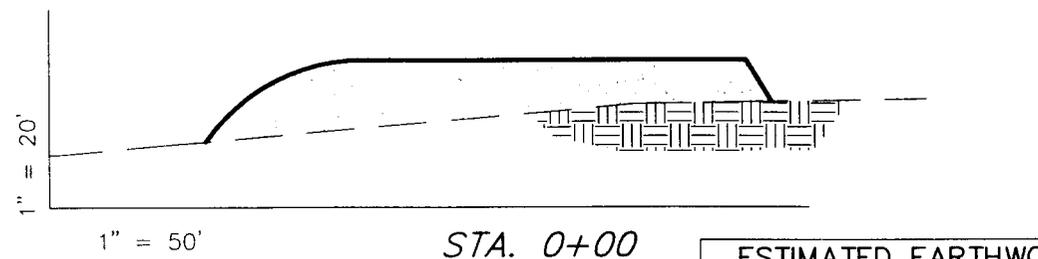
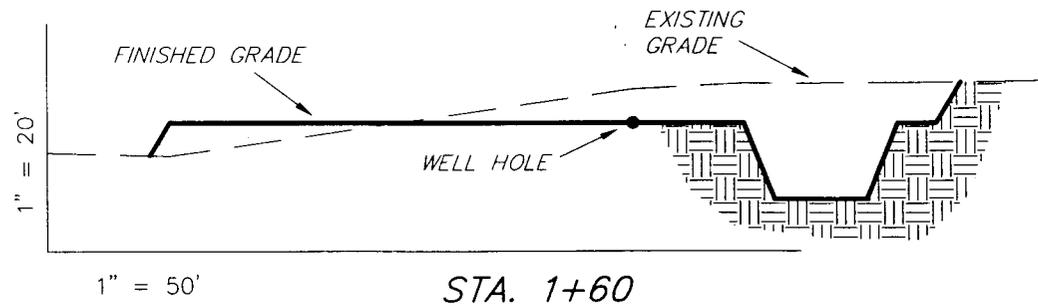
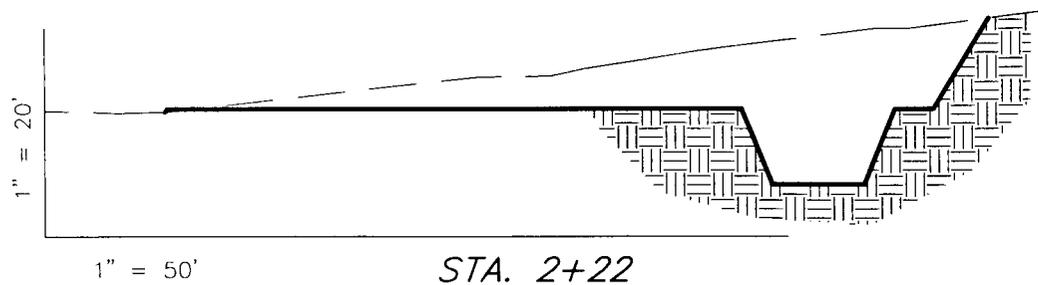
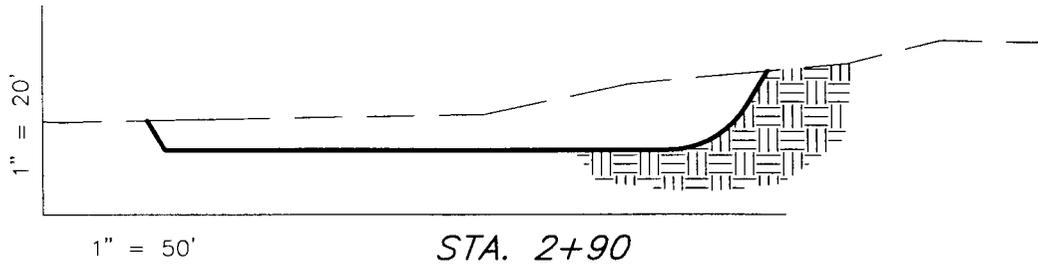
- 210' NORTHEAST = 5543.0'
- 260' NORTHEAST = 5542.1'
- 170' SOUTHEAST = 5546.5'
- 220' NORTHEAST = 5547.9'

(435) 781-2501

SURVEYED BY: D.J.S.	SCALE: 1" = 50'
DRAWN BY: F.T.M.	DATE: 7-30-04

**Tri State**  
 Land Surveying, Inc.  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

**INLAND PRODUCTION COMPANY**  
**CROSS SECTIONS**  
**FEDERAL 15-13-9-16**



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

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	3,440	3,440	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	4,080	3,440	890	640

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 7-30-04

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

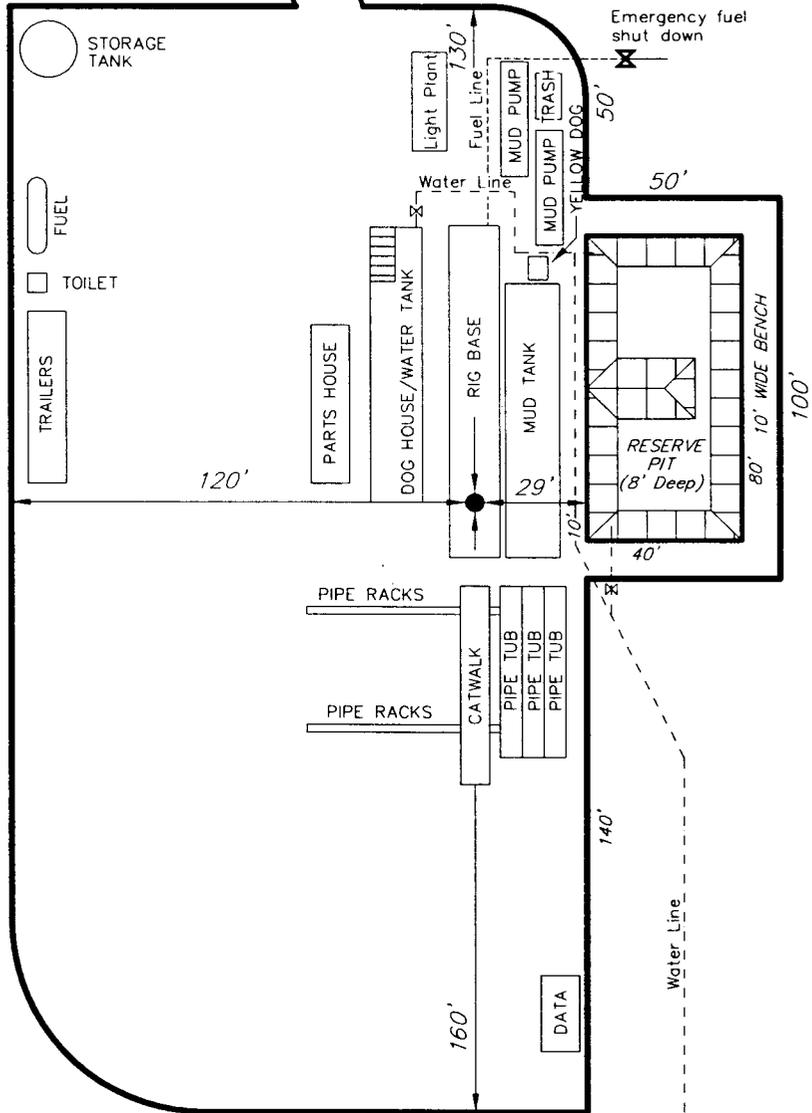
# INLAND PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

### FEDERAL 15-13-9-16

PROPOSED ACCESS ROAD (Max. 6% Grade)

Proposed Road to the Federal 14-13-9-16



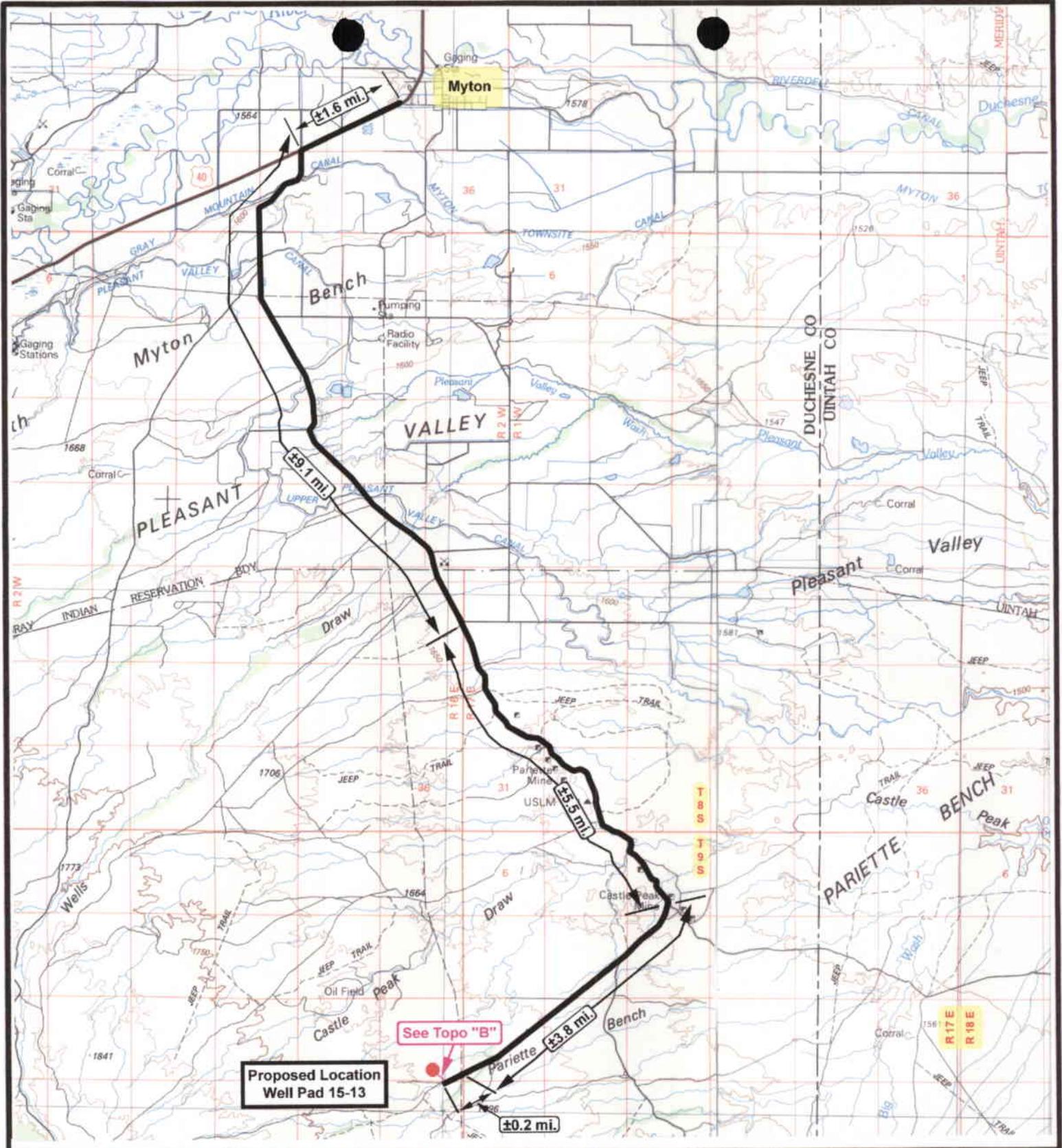
SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 7-30-04

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



**Federal 15-13-9-16  
SEC. 13, T9S, R16, S.L.B.&M.**



**Tri-State  
Land Surveying Inc.**  
(435) 781-2501  
38 West 100 North Vernal, Utah 84078

SCALE: 1 : 100,000

DRAWN BY: bgm

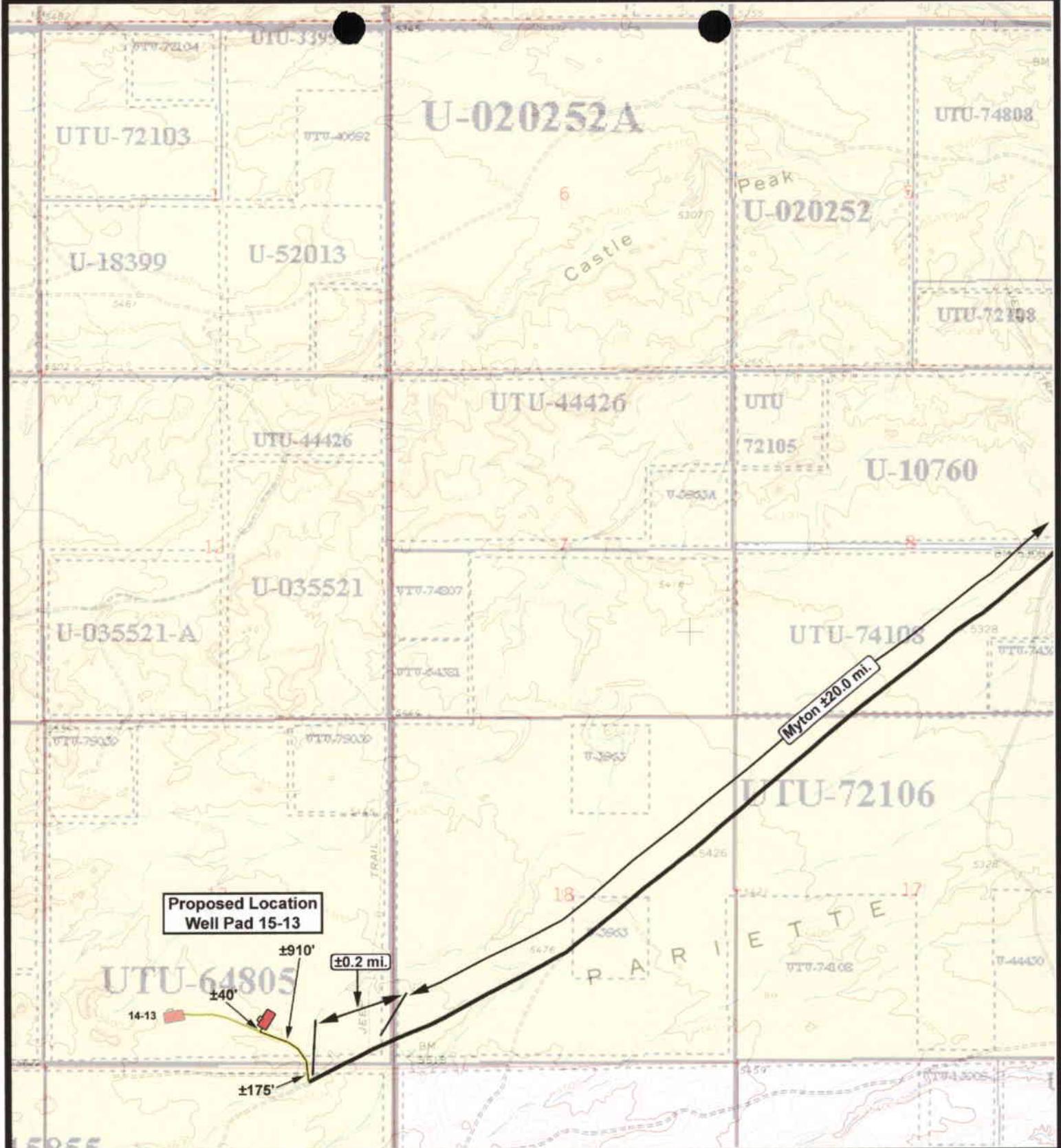
DATE: 08-03-2004

**Legend**

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

**"A"**



Proposed Location  
Well Pad 15-13

Myton ±20.0 mi

±0.2 mi

±910'

±140'

±175'

14-13



**Federal 15-13-9-16**  
**SEC. 13, T9S, R16E, S.L.B.&M.**

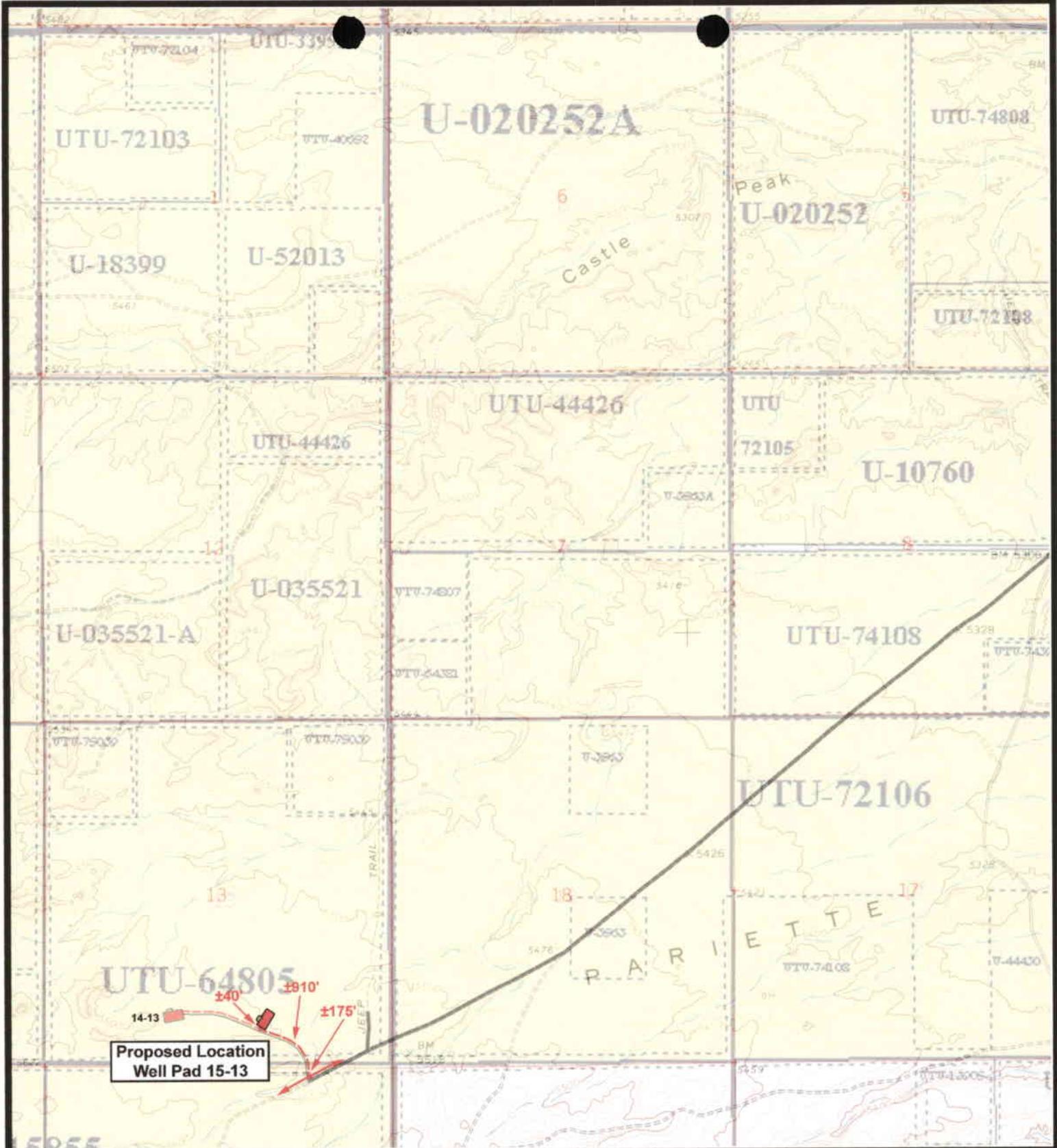


**Tri-State**  
*Land Surveying Inc.*  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: bgm  
DATE: 08-03-2004

**Legend**  
— Existing Road  
— Proposed Access

TOPOGRAPHIC MAP  
**"B"**



**Federal 15-13-9-16  
SEC. 13, T9S, R16E, S.L.B.&M.**

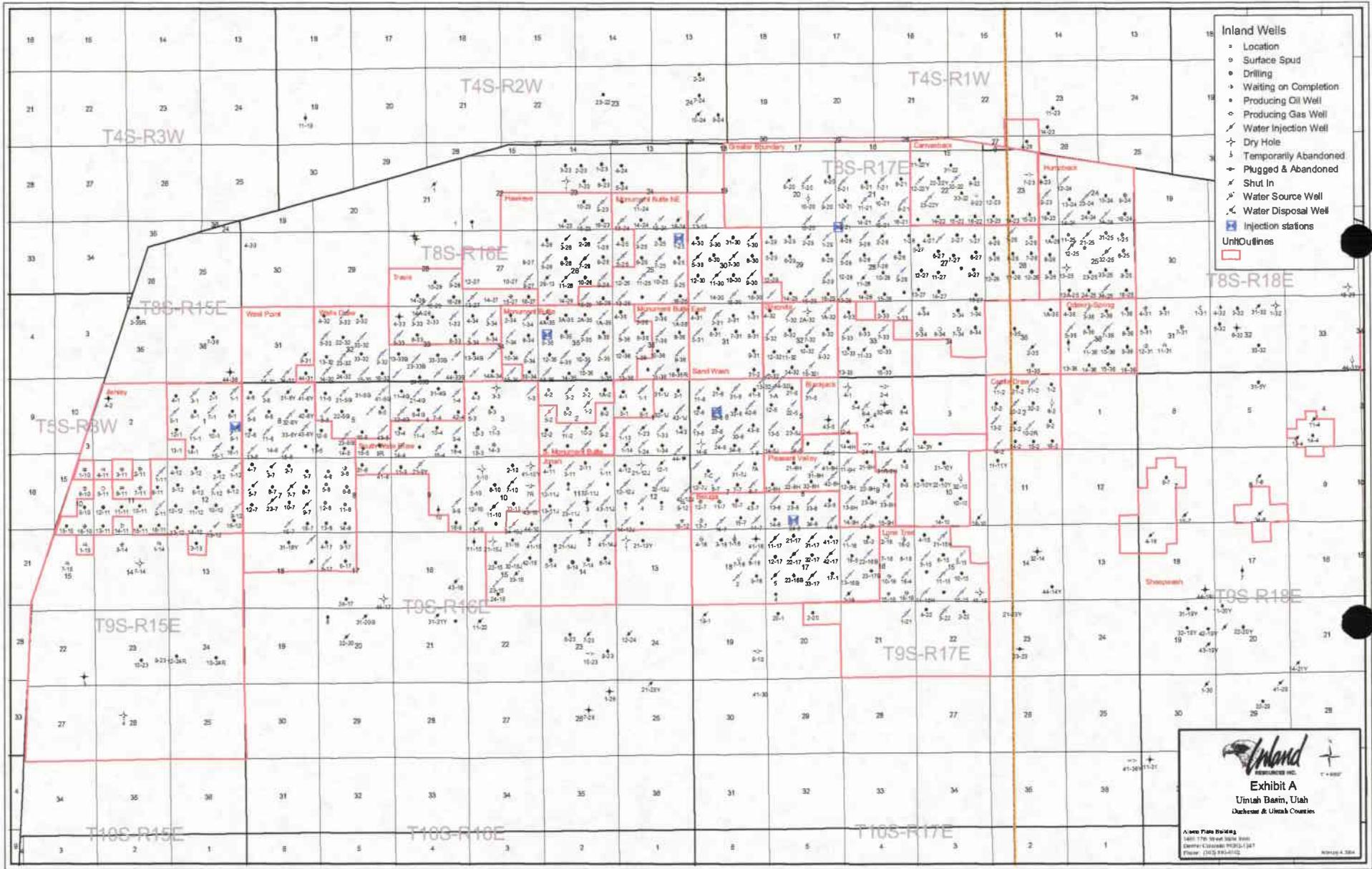


**Tri-State  
Land Surveying Inc.**  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: bgm  
DATE: 08-03-2004

Legend	
	Roads
	Existing Gas Line
	Proposed Gas Line

TOPOGRAPHIC MAP  
**"C"**



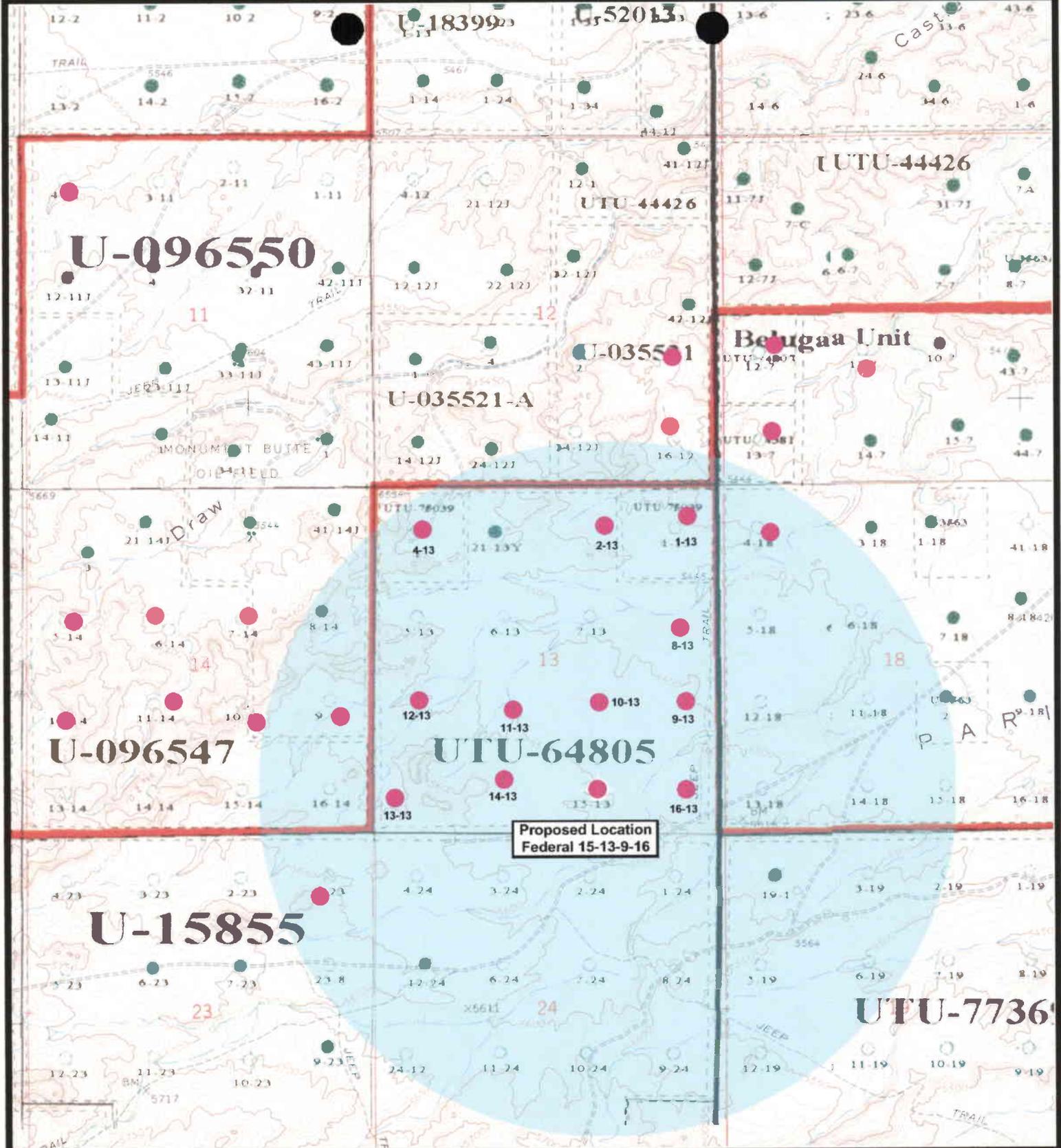
- Inland Wells**
- Location
  - Surface Spud
  - Drilling
  - Waiting on Completion
  - Producing Oil Well
  - Producing Gas Well
  - Water Injection Well
  - Dry Hole
  - Temporarily Abandoned
  - Plugged & Abandoned
  - Shut In
  - Water Source Well
  - Water Disposal Well
  - Injection stations
 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

**Inland**  
Petroleum Services, Inc.

**Exhibit A**  
Utah Basin, Utah  
Duchesne & Uintah Counties

Aero Plans Building  
1401 17th Street, Suite 300  
Denver, Colorado 80202-1347  
Phone: (303) 954-0100

W01254-A-004



**Proposed Location  
Federal 15-13-9-16**



**Federal 15-13-9-16  
SEC. 13, T9S, R16E, S.L.B.&M.**



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

SCALE: 1" = 2000'  
DRAWN BY: bgm  
DATE: 08-03-2004

**Legend**

- Well Locations
- One-Mile Radius

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

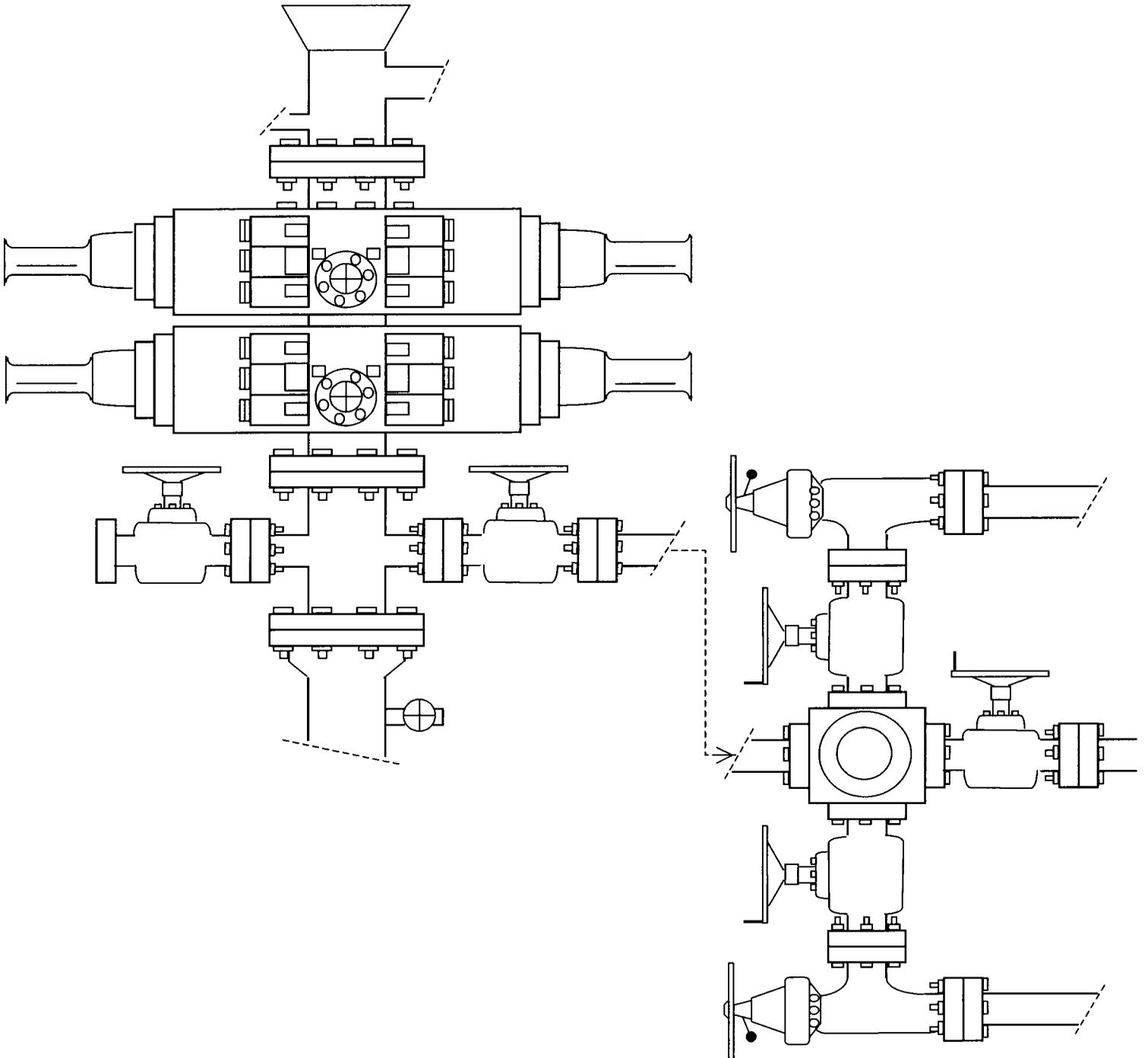


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF INLAND  
RESOURCES' BLOCK PARCELS (T9S, R16E, SEC. 13 & 14)  
NEAR CASTLE PEAK DRAW, DUCHESNE COUNTY, UTAH.

by

Katie Simon  
and  
Kejth Montgomery

Prepared For:

Bureau of Land Management  
Vernal Field Office

Prepared Under Contract With:

Inland Resources  
Route 3 Box 3630  
Myton, UT 84052

Prepared By:

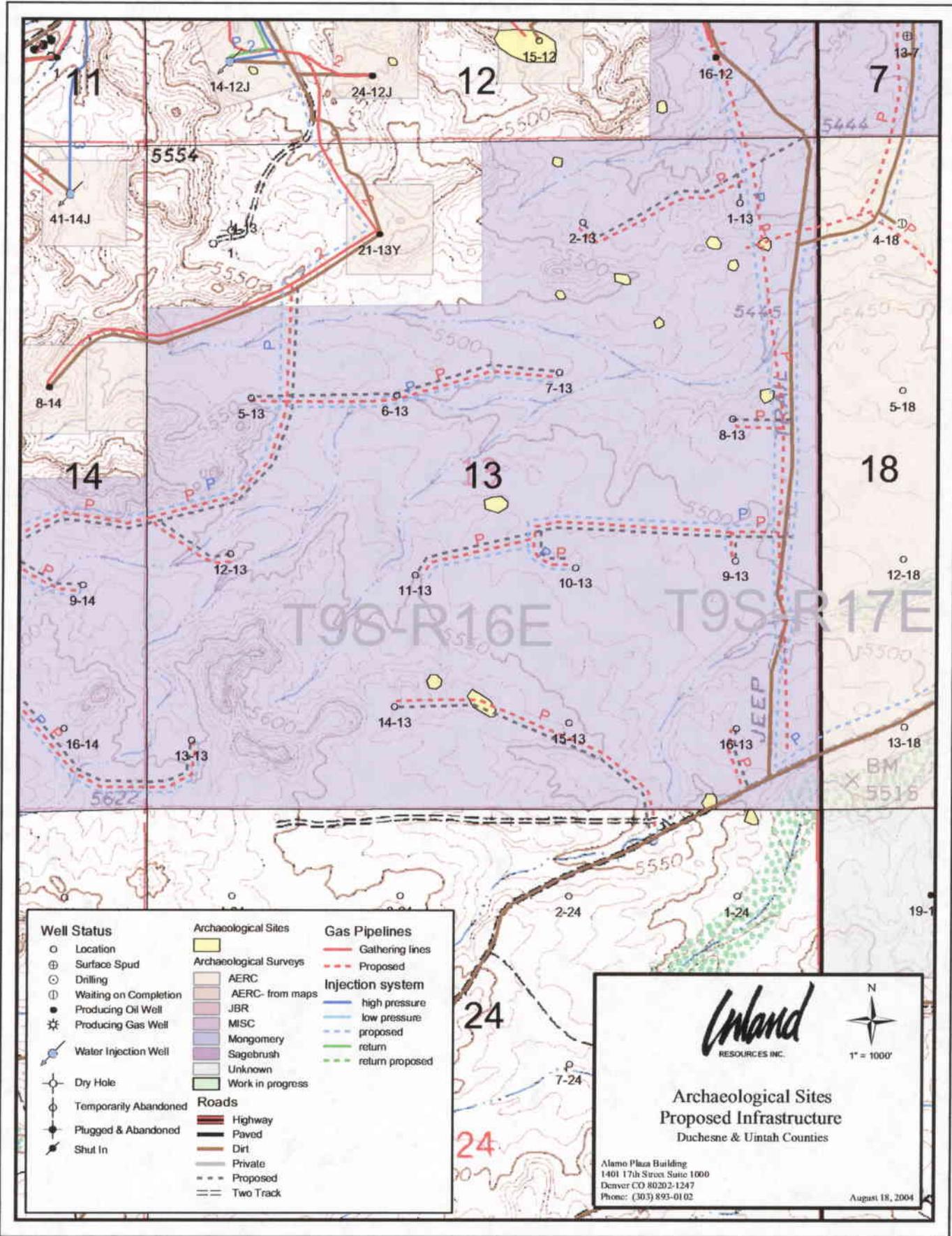
Montgomery Archaeological Consultants  
P.O. Box 147  
Moab, Utah 84532

MOAC Report No. 04-44

May 5, 2003

United States Department of Interior (FLPMA)  
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-04-MQ-0328b



Well Status	Archaeological Sites	Gas Pipelines
○ Location	Archaeological Sites	— Gathering lines
⊕ Surface Spud	Archaeological Surveys	- - - Proposed
⊙ Drilling	AERC	
⊖ Waiting on Completion	AERC- from maps	
● Producing Oil Well	JBR	
⊛ Producing Gas Well	MISC	
⊕ Water Injection Well	Mongomery	— high pressure
⊖ Dry Hole	Sagebrush	- - - low pressure
⊖ Temporarily Abandoned	Unknown	— proposed
⊖ Plugged & Abandoned	Work in progress	— return
⊖ Shut In		- - - return proposed
	Roads	
	— Highway	
	— Paved	
	— Dirt	
	— Private	
	- - - Proposed	
	== Two Track	

**Inland**  
RESOURCES INC.

Archaeological Sites  
Proposed Infrastructure  
Duchesne & Uintah Counties

Alamo Plaza Building  
1401 17th Street Suite 1000  
Denver CO 80202-1247  
Phone: (303) 893-0102

August 18, 2004

**INLAND RESOURCES, INC.**

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

Section 13, T 9 S, R 16 E [excluding NW 1/4];  
Section 11, T 9 S, R 18 E [excluding NW/SW, 12-11];  
Section 27, T 9 S, R 15 E [excluding NE/SW, 11-27]

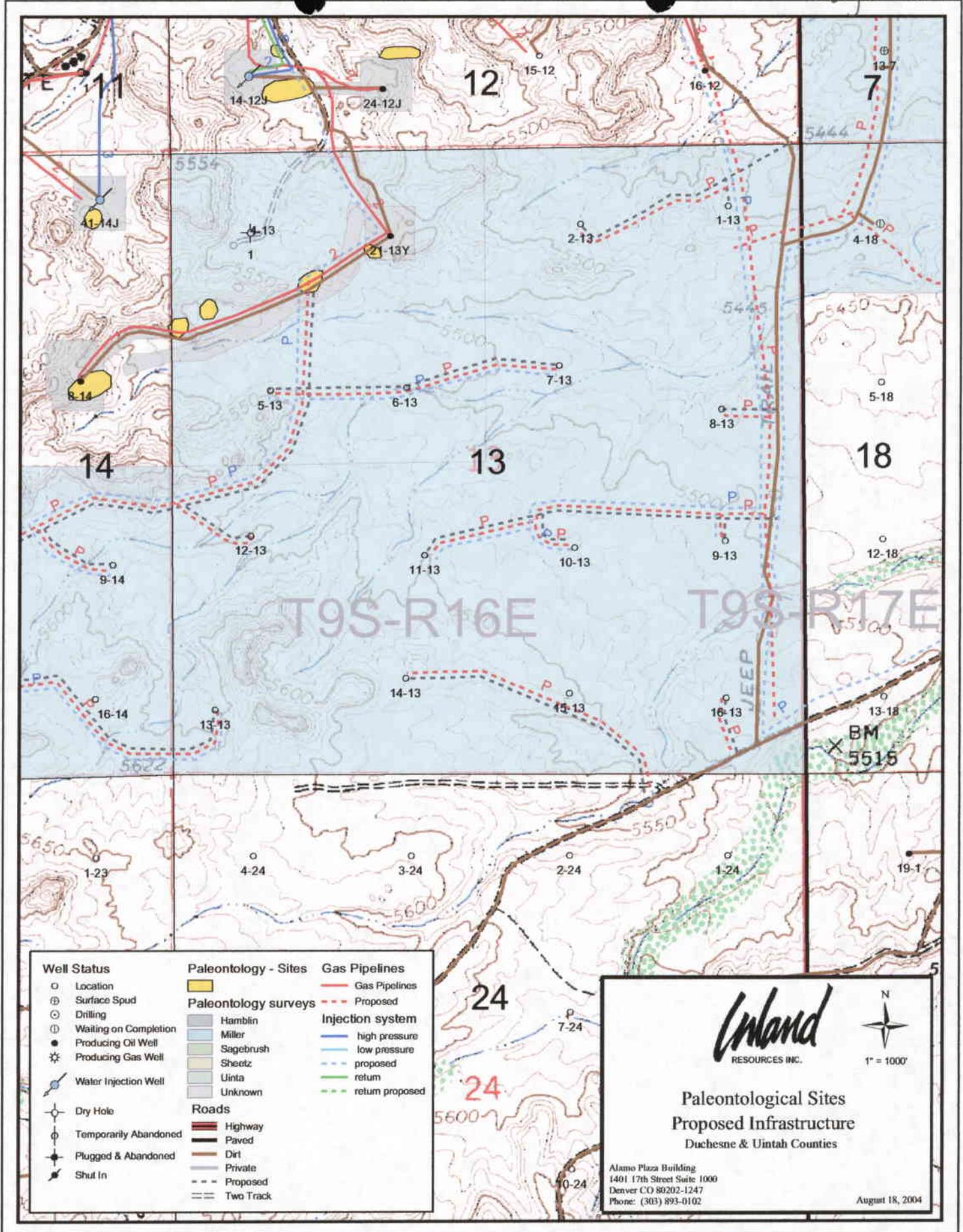
**REPORT OF SURVEY**

Prepared for:

**Inland Resources, Inc.**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
April 7, 2004



Well Status	Paleontology - Sites	Gas Pipelines
○ Location	Yellow shaded area	— Gas Pipelines
⊕ Surface Spud	Paleontology surveys	- - - Proposed
○ Drilling	Hamblin	Injection system
⊖ Waiting on Completion	Miller	— high pressure
⊙ Producing Oil Well	Sagebrush	— low pressure
⊙ Producing Gas Well	Sheetz	- - - proposed
⊙ Water Injection Well	Uinta	— return
⊙ Dry Hole	Unknown	- - - return proposed
⊙ Temporarily Abandoned	Roads	
⊙ Plugged & Abandoned	— Highway	
⊙ Shut In	— Paved	
	— Dirt	
	— Private	
	- - - Proposed	
	— Two Track	



RESOURCES INC.

**Paleontological Sites  
Proposed Infrastructure**  
Duchesne & Uintah Counties

Alamo Plaza Building  
1401 17th Street Suite 1000  
Denver CO 80202-1247  
Phone: (303) 893-0102

August 18, 2004

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/20/2004

API NO. ASSIGNED: 43-013-32648

WELL NAME: FEDERAL 15-13-9-16  
OPERATOR: INLAND PRODUCTION ( N5160 )  
CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWSE 13 090S 160E  
SURFACE: 0695 FSL 1972 FEL  
BOTTOM: 0695 FSL 1972 FEL  
DUCHESNE  
MONUMENT BUTTE ( 105 )

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

LEASE TYPE: 1 - Federal  
LEASE NUMBER: UTU-64805  
SURFACE OWNER: 1 - Federal  
PROPOSED FORMATION: GRRV  
COALBED METHANE WELL? NO

LATITUDE: 40.02557  
LONGITUDE: -110.0646

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UTU0056 )
- 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)

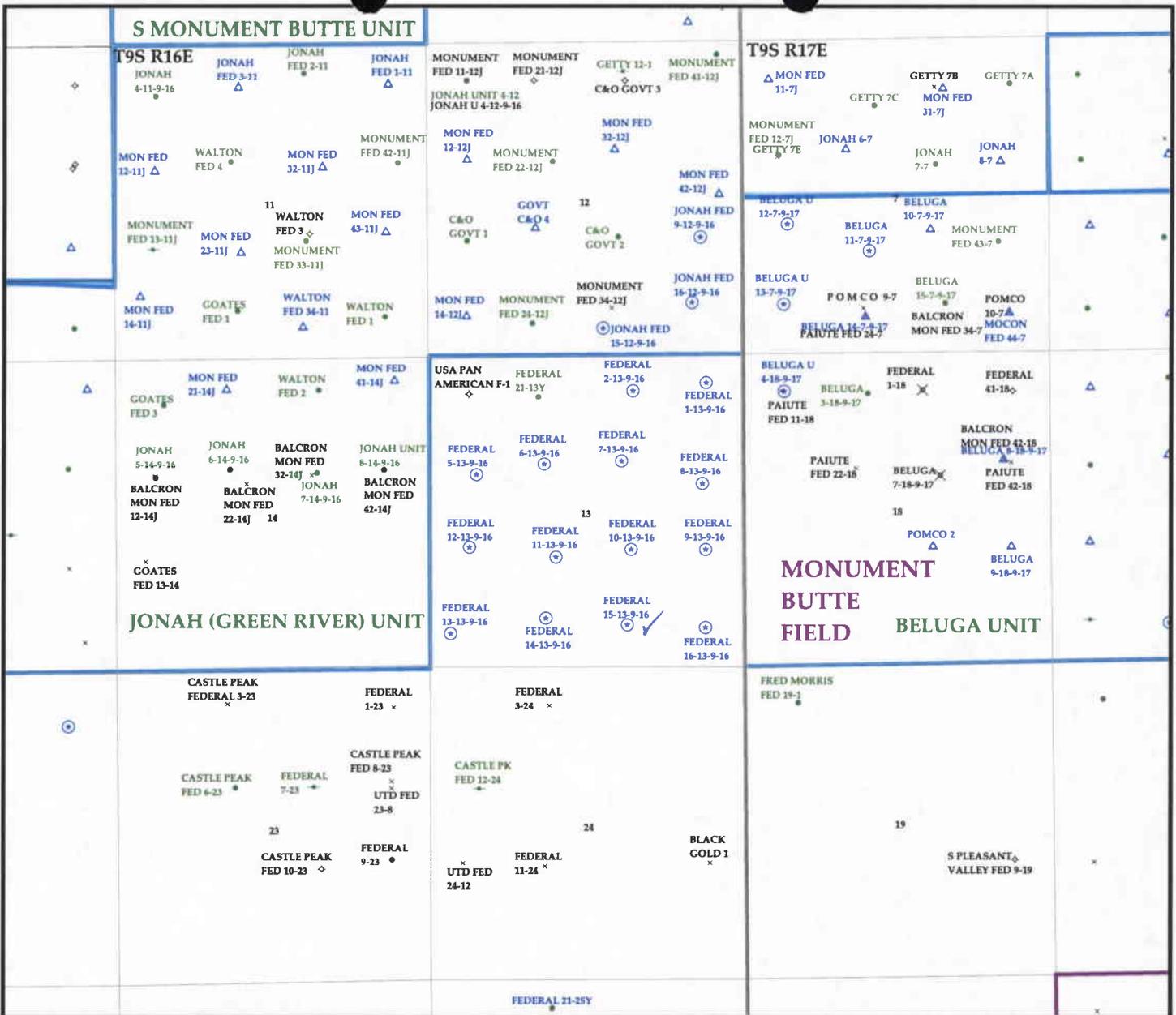
LOCATION AND SITING:

- \_\_\_ 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

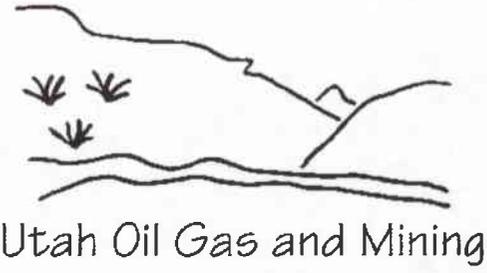
COMMENTS: Sep, Separate file

STIPULATIONS: 1- Federal Approved

2- Spacing Strip



**OPERATOR: INLAND PRODUCTION CO (N5160)**  
**SEC. 13 T.9S R.16E**  
**FIELD: MONUMENT BUTTE (105)**  
**COUNTY: DUCHESNE**  
**SPACING: R649-3-2 / GENERAL SITING**



- |  |   |  |
|--|---|--|
| <b>Wells</b>   | <b>Units.shp</b>  | <b>Fields.shp</b>  |
| <ul style="list-style-type: none"> <li>◇ GAS INJECTION</li> <li>○ GAS STORAGE</li> <li>× LOCATION ABANDONED</li> <li>⊕ NEW LOCATION</li> <li>◇ PLUGGED &amp; ABANDONED</li> <li>✱ PRODUCING GAS</li> <li>● PRODUCING OIL</li> <li>○ SHUT-IN GAS</li> <li>◇ SHUT-IN OIL</li> <li>× TEMP. ABANDONED</li> <li>○ TEST WELL</li> <li>△ WATER INJECTION</li> <li>◇ WATER SUPPLY</li> <li>◇ WATER DISPOSAL</li> </ul> | <ul style="list-style-type: none"> <li>□ EXPLORATORY</li> <li>□ GAS STORAGE</li> <li>□ NF PP OIL</li> <li>□ NF SECONDARY</li> <li>□ PENDING</li> <li>□ PI OIL</li> <li>□ PP GAS</li> <li>□ PP GEOTHERML</li> <li>□ PP OIL</li> <li>□ SECONDARY</li> <li>□ TERMINATED</li> </ul> | <ul style="list-style-type: none"> <li>□ ABANDONED</li> <li>□ ACTIVE</li> <li>□ COMBINED</li> <li>□ INACTIVE</li> <li>□ PROPOSED</li> <li>□ STORAGE</li> <li>□ TERMINATED</li> </ul> |



PREPARED BY: DIANA WHITNEY  
 DATE: 25-AUG-2004



State of Utah

Department of  
Natural Resources

ROBERT L. MORGAN  
*Executive Director*

Division of  
Oil, Gas & Mining

LOWELL P. BRAXTON  
*Division Director*

OLENE S. WALKER  
*Governor*

GAYLE F. McKEACHNIE  
*Lieutenant Governor*

August 25, 2004

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

Re: Federal 15-13-9-16 Well, 695' FSL, 1972' FEL, SW SE, Sec. 13, T. 9 South,  
R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32648.

Sincerely,

John R. Baza  
Associate Director

pab  
Enclosures

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

Operator: Inland Production Company

Well Name & Number Federal 15-13-9-16

API Number: 43-013-32648

Lease: UTU-64805

Location: SW SE                      Sec. 13                      T. 9 South                      R. 16 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

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



# United States Department of the Interior



## BUREAU OF LAND MANAGEMENT

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

UTSL-	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
UTU-	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		



## 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

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW
3. FILE

006

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

**CA No.**

**Unit:**

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
FEDERAL 15-34-8-17	34	080S	170E	4301332628		Federal	OW	APD	K
FEDERAL 14-34-8-17	34	080S	170E	4301332629		Federal	OW	APD	K
FEDERAL 13-34-8-17	34	080S	170E	4301332630		Federal	OW	APD	K
FEDERAL 12-34-8-17	34	080S	170E	4301332631		Federal	OW	APD	K
FEDERAL 16-13-9-16	13	090S	160E	4301332647		Federal	OW	APD	K
FEDERAL 15-13-9-16	13	090S	160E	4301332648		Federal	OW	APD	K
FEDERAL 14-13-9-16	13	090S	160E	4301332649		Federal	OW	APD	K
FEDERAL 13-13-9-16	13	090S	160E	4301332650		Federal	OW	NEW	K
FEDERAL 12-13-9-16	13	090S	160E	4301332651		Federal	OW	APD	K
FEDERAL 11-13-9-16	13	090S	160E	4301332652		Federal	OW	APD	K
FEDERAL 10-13-9-16	13	090S	160E	4301332653		Federal	OW	APD	K
FEDERAL 9-13-9-16	13	090S	160E	4301332654		Federal	OW	APD	K
FEDERAL 8-13-9-16	13	090S	160E	4301332655		Federal	OW	APD	K
FEDERAL 7-13-9-16	13	090S	160E	4301332656		Federal	OW	APD	K
FEDERAL 11-20-9-16	20	090S	160E	4301332598		Federal	OW	APD	K
FEDERAL 1-22-9-16	22	090S	160E	4301332612		Federal	OW	NEW	K
FEDERAL 9-10-9-17	10	090S	170E	4301332502	14325	Federal	OW	DRL	K
FEDERAL 13-11-9-17	11	090S	170E	4301332510	14273	Federal	OW	P	K
FEDERAL 12-11-9-17	11	090S	170E	4301332544		Federal	OW	APD	K
FEDERAL 1-15-9-17	15	090S	170E	4301332596		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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
**UTU-64805**

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

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

8. Well Name and No.  
**FEDERAL 15-13-9-16**

9. API Well No.  
**43-013-32648**

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

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

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

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**695 FSL 1972 FEL SW/SE Section 13, T9S R16E**

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <b>Permit Extension</b>
	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water

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

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

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 8/25/04 (expiration 8/25/05).

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 08-25-05  
By: [Signature]

COPIES SENT TO OPERATOR  
9-30-05  
[Signature]

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

Signed Mandie Crozier Title Regulatory Specialist Date 8/19/2005

CC: UTAH DOGM

(This space for Federal or State office use)

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

Conditions of approval, if any:

CC: Utah DOGM

**AUG 22 2005**



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

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

**API:** 43-013-32648  
**Well Name:** Federal 15-13-9-16  
**Location:** SW/SE Section 13, T9S R16E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 8/25/2004

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

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

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

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

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

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

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

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

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

*Shawn Crozier*  
Signature

8/19/2005  
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED  
AUG 22 2005

RECEIVED

AUG 20 2004

BLM VERNAL, UTAH

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

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-64805
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 15-13-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/SE 695' FSL 1972' FEL At proposed prod. zone		9. API Well No. 43-013-32648
14. Distance in miles and direction from nearest town or post office* Approximatley 20.2 miles south of Myton, Utah		10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 695' f/lse, NA f/unit		11. Sec., T., R., M., or Blk. and Survey or Area SW/SE Sec. 13, T9S R16E
16. No. of Acres in lease 560.00	17. Spacing Unit dedicated to this well 40 Acres	12. County or Parish Duchesne
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1,331'	19. Proposed Depth 6500'	13. State UT
20. BLM/BIA Bond No. on file UT/0056	21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5553' GL	22. Approximate date work will start* 1st Quarter 2005
23. Estimated duration Approximately seven (7) days from spud to rig release.		

24. Attachments

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

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

25. Signature <i>Mandi Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 8/19/04
Title Regulatory Specialist		
Approved by (Signature) <i>Thomas O. Cooney</i>	Name (Printed/Typed)	Date 06/23/2005
Title Assistant Field Manager Mining Resources	Office	

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

**CONDITIONS OF APPROVAL ATTACHED**

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

\*(Instructions on reverse)

RECEIVED NOTICE OF APPROVAL

SEP 12 2005

DIV. OF OIL, GAS & MINING

UDOCM

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Newfield Production Company.

Well Name & Number: Federal 15-13-9-16

API Number: 43-013-32648

Lease Number: U-64805

Location: SWSE Sec. 13 T. 9S R. 16E

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:

Kirk Fleetwood (435) 828-7874  
Petroleum Engineer

Michael Lee (435) 828-7875  
Petroleum Engineer

BLM FAX Machine (435) 781-4410

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

In order to mitigate impacts to mountain plovers, no new construction or surface disturbing activities will occur during the nesting season of May 1 to June 15. If new construction or surface disturbing activities are scheduled during the nesting season, pre-construction surveys will be conducted by a qualified biologist using U.S. Fish & Wildlife's mountain plover survey guidelines to detect the presence of nesting mountain plovers.

# DIVISION OF OIL, GAS AND MINING

## **SPUDDING INFORMATION**

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 15-13-9-16

Api No: 43-013-32648 Lease Type: FEDERAL

Section 13 Township 09S Range 16E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 24

### **SPUDDED:**

Date 10/18/05

Time 12:00 PM

How DRY

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

Reported by ALVIN NIELSEN

Telephone # 1-435-823-7468

Date 10/18/05 Signed CHD

OCT 19 2005

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

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

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					CG	SC	TP	RG	COUNTY		
A	99999	14996	43-013-32648	FEDERAL 15-13-8-16	SWSE	13	9S	16E	DUCHESNE	10/18/05	10/20/05

WELL 1 COMMENTS:

GRRV

- J

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					CG	SC	TP	RG	COUNTY		
	99999										

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
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					CG	SC	TP	RG	COUNTY		
	99999										

WELL 5 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					CG	SC	TP	RG	COUNTY		
	99999										

WELL 5 COMMENTS:

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 split well)
- 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.

*Kim Keltie*  
Signature Kim Keltie

Production Clerk October 19, 2005  
Title Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
Newfield Production Company

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

3b. Phone No. (include are code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
695 FSL 1972 FEL  
SW/SE Section 13 T9S R16E

5. Lease Serial No.

UTU64805

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.

FEDERAL 15-13-9-16

9. API Well No.

4301332648

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State

Duchesne, UT

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

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

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

On 10/18/2005 MIRU Ross Rig # 24. Spud well @ 12:00 PM. Drill 313' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 320.46'/ KB On 10/24/2005 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 3 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)  
Floyd Mitchell

Title

Drilling Supervisor

Signature

*Floyd Mitchell*

Date

10/24/2005

**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.

(Instructions on reverse)

**RECEIVED**

OCT 26 2005

DIV. OF OIL, GAS & MINING

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

8 5/8 CASING SET AT 320.46

LAST CASING 8 5/8" SET AT 320'  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 313' LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company  
 WELL Federal 15-13-9-16  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Ross Rig # 24

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 38.43'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	308.61
		<b>GUIDE</b> shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			310.46
TOTAL LENGTH OF STRING		310.46	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			<b>320.46</b>
TOTAL		308.61	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		308.61	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.	Spud	10/18/2005	12:00 PM	GOOD CIRC THRU JOB <u>Yes</u>			
CSG. IN HOLE		10/19/2005	11:00 AM	Bbls CMT CIRC TO SURFACE <u>3</u>			
BEGIN CIRC		10/24/2005	7:48 AM	RECIPROCATED PIPE FOR _____ THRU _____ FT STROKE			
BEGIN PUMP CMT		10/24/2005	7:59 AM	<u>N/A</u>			
BEGIN DSPL. CMT		10/24/2005	8:12 AM	BUMPED PLUG TO <u>551</u> PSI			
PLUG DOWN		10/24/2005	8:19 AM				
CEMENT USED		CEMENT COMPANY- <b>B. J.</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third for 3							

COMPANY REPRESENTATIVE Floyd mitchell DATE 10/24/2005

**RECEIVED**  
**OCT 26 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.

**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)  
695 FSL 1972 FEL  
SW/SE Section 13 T9S R16E

5. Lease Serial No.

UTU64805

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.

FEDERAL 15-13-9-16

9. API Well No.

4301332648

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State

Duchesne, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment 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	

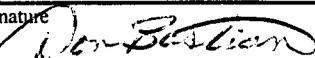
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths 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 11/1/05 MIRUnion Rig # 14. 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 @ 255'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5805'. 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, 131 jt's of 5.5 J-55, 15.5# csgn. Set @ 5793.11/ KB. Cement with 350 sks cement mixed @ 11.0 ppg & 3.43 yld. The 475 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 32 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 98,000 #'s tension. Release rig @ 4:00am 11/7/05.

RECEIVED  
NOV 08 2005

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)  
Don Bastian

Signature  


Title  
Drilling Foreman

Date  
11/07/2005

DIV. OF OIL, GAS & MINING

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

Approved by \_\_\_\_\_

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

Title

Date

Office

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

(Instructions on reverse)

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5791.11

LAST CASING 8 5/8" SET / 320'  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING 12'  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 5805 Loggers TD 5810  
 HOLE SIZE 7 7/8"

Fit clr @ 5746.76  
 OPERATOR Newfield Production Company  
 WELL Federal 15-13-9-16  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Union #14

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		<b>Short jt</b> 3780.69 (6.38')					
<b>130</b>	<b>5 1/2"</b>	ETC LT & C casing	<b>15.5#</b>	<b>J-55</b>	<b>8rd</b>	<b>A</b>	5732.76
		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>	45.1
		<b>GUIDE</b> shoe			<b>8rd</b>	<b>A</b>	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5793.11
TOTAL LENGTH OF STRING		5793.11	131	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		221.47	5	CASING SET DEPTH			<b>5791.11</b>
TOTAL		<b>5999.33</b>	136	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		5999.33	136				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		5:30pm	11/6/2005	GOOD CIRC THRU JOB <u>yes</u>			
CSG. IN HOLE		8:00pm	11/6/2005	Bbls CMT CIRC TO SURFACE <u>32</u>			
BEGIN CIRC		8:45pm	11/6/2005	RECIPROCATED PIPE FOR _____ THRU _____ FT STROKE			
BEGIN PUMP CMT		9:54pm	11/6/2005	DID BACK PRES. VALVE HOLD ? <u>Yes</u>			
BEGIN DSPL. CMT		10:58	11/6/2005	BUMPED PLUG TO _____ 2087 _____ PSI			
PLUG DOWN		<b>11:21pm</b>	<b>11/6/2005</b>				
CEMENT USED		CEMENT COMPANY- <b>B. J.</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
<b>1</b>	<b>350</b>	Premlite II w/ 10% gel + 3% KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
<b>2</b>	<b>475</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 Don Bastian DATE 11/6/2005

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU64805
2. Name of Operator Newfield Production Company		6. If Indian, Allottee or Tribe Name.
3a. Address   Route 3 Box 3630 Myton, UT   84052	3b. Phone No. (include are code) 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) 695 FSL 1972 FEL SW/SE   Section 13 T9S R16E		8. Well Name and No. FEDERAL 15-13-9-16
		9. API Well No. 4301332648
		10. Field and Pool, or Exploratory Area Monument Butte
		11. County or Parish, State Duchesne, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment 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	Variance _____
	<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 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.)

Newfield Production Company is requesting a variance from Onshore Order 43 CFR Part 3160 Section 4 requiring production tanks to be equipped with Enardo or equivalent vent line valves. Newfield operates wells that produce from the Green River formation, which are relatively low gas producers (20 mcfpd). The majority of the wells are equipped with a three phase separator to maximize gas separation and sales.

Newfield is requesting a variance for safety reasons. Crude oil production tanks equipped with back pressure devices will emit a surge of gas when the thief hatches are open. While gauging tanks, lease operators will be subject to breathing toxic gases as well as risk a fire hazard, under optimum conditions

12-19-05  
CHO

I hereby certify that the foregoing is true and correct	Title
Name (Printed/ Typed) Mandie Crozier	Regulatory Specialist
Signature <i>Mandie Crozier</i>	Date 12/06/2005

THIS SPACE FOR FEDERAL OR STATE APPROVAL

Approved by	Accepted by the Utah Division of Oil, Gas and Mining	Federal Approval Of This Action Is Necessary
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.	Date: 12/13/05	
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 submit to any department or agency any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction.	BY: <i>[Signature]</i>	<b>RECEIVED</b>

(Instructions on reverse)

DEC 08 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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU64805
2. Name of Operator Newfield Production Company		6. If Indian, Allottee or Tribe Name.
3a. Address   Route 3 Box 3630 Myton, UT 84052	3b. Phone No. (include are code) 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) 695 FSL 1972 FE1. SW/SE   Section 13 T9S R16E		8. Well Name and No. FEDERAL 15-13-9-16
		9. API Well No. 4301332648
		10. Field and Pool, or Exploratory Area Monument Butte
		11. County or Parish, State Duchesne, UT

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

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

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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.)

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

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

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

I hereby certify that the foregoing is true and correct Name (Printed/Typed) Mandie Crozier	Title Regulatory Specialist
Signature <i>Mandie Crozier</i>	Date 12/06/2005

**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 _____	

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(Instructions on reverse)

**RECEIVED**

**DEC 08 2005**

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

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)

695 FSL 1972 FEL

SW/SE Section 13 T9S R16E

5. Lease Serial No.

UTU64805

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.

FEDERAL 15-13-9-16

9. API Well No.

4301332648

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State

Duchesne, UT

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

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

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.)

Status report for time period 11/18/05 - 12/05/05

Subject well had completion procedures initiated in the Green River formation on 11-18-05 without the use of a service rig over the well. A cement bond log was run and a total of five Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5404'-5410'), (5364'-5372); Stage #2 (4653'-4659'); Stage #3(4486'-4490'); Stage #4(4142'-4156'); Stage #5(3924'-3938'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 12-02-2005. Bridge plugs were drilled out and well was cleaned to 5745'. Zones were swab tested for sand cleanup. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 12-05-2005.

I hereby certify that the foregoing is true and correct	Title
Name (Printed/ Typed) Lana Nebeker	Production Clerk
Signature <i>Lana Nebeker</i>	Date 12/21/2005

**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

(Instructions on reverse)

**RECEIVED**

DEC 22 2005

(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 OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. UTU-64805
1b. TYPE OF WELL 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 _____		6. IF INDIAN ALLOTTEE OR TRIBE NAME NA
2. NAME OF OPERATOR Newfield Exploration Company		7. UNIT AGREEMENT NAME NA
3. ADDRESS AND TELEPHONE NO. 1401 17th St. Suite 1000 Denver, CO 80202		8. FARM OR LEASE NAME, WELL NO. Federal 15-13-9-16
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)* At Surface 695' FSL & 1972' FEL (SW/SE) Sec. 13, T9S, R16E At top prod. interval reported below		9. WELL NO. 43-013-32648
At total depth		10. FIELD AND POOL OR WILDCAT Monument Butte
14. API NO. 43-013-32648		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 13, T9S, R16E
DATE ISSUED 8/25/04		12. COUNTY OR PARISH Duchesne
15. DATE SPUN 10/18/05		13. STATE UT
16. DATE T.D. REACHED 11/6/05		14. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5553' GL 5565' KB
17. DATE COMPL. (Ready to prod.) 12/5/05		19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5805'	21. PLUG BACK T.D., MD & TVD 5745'	22. IF MULTIPLE COMPL. HOW MANY* ----->	23. INTERVALS DRILLED BY ----->	ROTARY TOOLS X	CABLE TOOLS
24. PRODUCING INTERVAL(S) OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* Green River 3924'-5410'					25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log					27. WAS WELL COR'D 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#	320'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5791'	7-7/8"	350 sx Premlite II and 425 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 @ 5488'	TA @ 5390'

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	
(CP1&2) 5364'-6372', 5404'-5410'	.46"	4/56	5364'-5410'	Frac w/ 44,747# 20/40 sand in 479 bbls fluid	
(CP) 4653'-4659'	.43"	4/24	4653'-4659'	Frac w/ 19,588# 20/40 sand in 267 bbls fluid	
(D1) 4486'-4490'	.43"	4/16	4486'-4490'	Frac w/ 19,605# 20/40 sand in 262 bbls fluid	
(PB8) 4142'-4156'	.43"	4/56	4142'-4156'	Frac w/ 58,778# 20/40 sand in 546 bbls fluid	
(GB4) 3924'-3938'	.43"	4/56	3924'-3938'	Frac w/ 30,034# 20/40 sand in 312 bbls fluid	

33.\*

DATE FIRST PRODUCTION 12/5/05	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 14' RHAC SM Plunger Pump	WELL STATUS (Producing or shut-in) PRODUCING					
DATE OF TEST 30 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL.S. 67	GAS--MCF. 25	WATER--BBL. 25	GAS-OIL RATIO 373
FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RAH. ----->	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY--API (CORR.)	

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

**RECEIVED**  
**JAN 17 2006**

35. LIST OF ATTACHMENTS

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

SIGNED: M. J. [Signature] DIV. OF OIL, GAS & MINING  
Regulatory Specialist

1/13/2006

\*See instructions and Spaces for Additional Data on Reverse Side

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Federal 15-13-9-16	Garden Gulch Mkr	3459'	
				Garden Gulch 1	3667'	
				Garden Gulch 2	3775'	
				Point 3 Mkr	4048'	
				X Mkr	4302'	
				Y-Mkr	4336'	
				Douglas Creek Mkr	4458'	
				BiCarbonate Mkr	4696'	
				B Limestone Mkr	4806'	
				Castle Peak	5310'	
				Basal Carbonate	5744'	
				Total Depth (LOGGERS)	5810'	



December 17, 2010

Mr. Brad Hill  
State of Utah, DOGM  
1594 West North Temple-Suite 1310  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Re-Completion  
Federal 15-13-9-16  
Sec. 13, T9S, R16E  
API # 43-013-32648

Dear Mr. Hill:

The subject well had new perforations added. The well was then put back on production. Please find enclosed the sundry. You may contact me at 435-646-4874 or [lchavez-naupoto@newfield.com](mailto:lchavez-naupoto@newfield.com) if you require further information.

**RECEIVED**

**DEC 21 2010**

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

Sincerely,

Lucy Chavez-Naupoto  
Administrative Assistant

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU-64805

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:  
GMBU

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
FEDERAL 15-13-9-16

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301332648

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: 695 FSL 1972 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE, 13, T9S, R16E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: <u>12/14/2010</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 type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" 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 recompleted and then placed back on production on 12-14-10. The following perforation was added in the Green River Formation:

GB2 3826-3828' 3 JSPF 30 holes

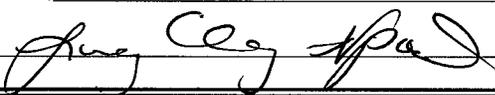
**RECEIVED**

**DEC 21 2010**

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE 

DATE 12/17/2010

(This space for State use only)

**Daily Activity Report****RECEIVED****DEC 21 2010**

Format For Sundry

**FEDERAL 15-13-9-16****DIV. OF OIL, GAS & MINING****10/1/2010 To 2/28/2011****12/11/2010 Day: 3****Recompletion**

NC #2 on 12/11/2010 - POOH W/ Tbg, Perforate GB2, Set RBP - 1:30PM To 2:00PM Travl, MIRUSU, H/ Oiler Pumped 60 BW Down Csg @ 250°, RDSU, Unseated Pump, L/D Polish Rod, L/D 3- 3/4" Guided Rods, 3:30PM To 4:00PM Travl.. SIFN - 1:30PM To 2:00PM Travl, MIRUSU, H/ Oiler Pumped 60 BW Down Csg @ 250°, RDSU, Unseated Pump, L/D Polish Rod, L/D 3- 3/4" Guided Rods, 3:30PM To 4:00PM Travl.. SIFN - 1:30PM To 2:00PM Travl, MIRUSU, H/ Oiler Pumped 60 BW Down Csg @ 250°, RDSU, Unseated Pump, L/D Polish Rod, L/D 3- 3/4" Guided Rods, 3:30PM To 4:00PM Travl.. SIFN - 5:30AM To 6:00AM Travl, OWU @ 6:30, H/ Oiler Pumped 40 BW Down Tbg, Soft Seat Test to 3000# (GOOD TEST), POOH W/ Rods, L/D 15- 3/4" Sucker Rods (174-189), H/ Oiler Pumped 20 BW Down Tbg, Continued POOH, L/D Rod Pump (No Visable Signs Of Wear Or Scale), X-Over For Tbg, N/D Wellhead, N/U Weatherford BOP, R/U Workfloor, Unset TA, P/U 8 Jts Tbg, Tagged @ 5682' (63' Of Fill), L/D 1 Jt Tbg, R/U VES WL, RIH W/ Gyro (Unable To Get To Bottom), H/ Oiler Pumped 40 BW Down Tbg, WL RIH W/ Wt Bars, WL POOH W/ Wt Bars, WL RIH W/ Gyro, L/D 7 Jts Tbg, POOH W/ 140 Jts Tbg, SIWFN... 5:30PM To 6:00PM Travl - 5:30AM To 6:00AM Travl, OWU @ 6:30, H/ Oiler Pumped 40 BW Down Tbg, Soft Seat Test to 3000# (GOOD TEST), POOH W/ Rods, L/D 15- 3/4" Sucker Rods (174-189), H/ Oiler Pumped 20 BW Down Tbg, Continued POOH, L/D Rod Pump (No Visable Signs Of Wear Or Scale), X-Over For Tbg, N/D Wellhead, N/U Weatherford BOP, R/U Workfloor, Unset TA, P/U 8 Jts Tbg, Tagged @ 5682' (63' Of Fill), L/D 1 Jt Tbg, R/U VES WL, RIH W/ Gyro (Unable To Get To Bottom), H/ Oiler Pumped 40 BW Down Tbg, WL RIH W/ Wt Bars, WL POOH W/ Wt Bars, WL RIH W/ Gyro, L/D 7 Jts Tbg, POOH W/ 140 Jts Tbg, SIWFN... 5:30PM To 6:00PM Travl - 5:30AM To 6:00AM Travl, OWU @ 6:30, H/ Oiler Pumped 40 BW Down Tbg, Soft Seat Test to 3000# (GOOD TEST), POOH W/ Rods, L/D 15- 3/4" Sucker Rods (174-189), H/ Oiler Pumped 20 BW Down Tbg, Continued POOH, L/D Rod Pump (No Visable Signs Of Wear Or Scale), X-Over For Tbg, N/D Wellhead, N/U Weatherford BOP, R/U Workfloor, Unset TA, P/U 8 Jts Tbg, Tagged @ 5682' (63' Of Fill), L/D 1 Jt Tbg, R/U VES WL, RIH W/ Gyro (Unable To Get To Bottom), H/ Oiler Pumped 40 BW Down Tbg, WL RIH W/ Wt Bars, WL POOH W/ Wt Bars, WL RIH W/ Gyro, L/D 7 Jts Tbg, POOH W/ 140 Jts Tbg, SIWFN... 5:30PM To 6:00PM Travl - 5:30AM To 6:00AM Travl, OWU @ 6:00, H/ Oiler Pumped 30 BW Down Tbg, POOH W/ Tbg, R/U Wireliners W/ Gauge Ring (Unable To Get Threw Wellhead Flange), N/D BOP's, R/D Wellhead Flandge, Had To Use Die Grinder On Weld, R/U Wellhead Flange, R/U Wireliners, RIH W/ 10' Perf Gun To 3824.5', Shot Zone GB2, POOH W/ Wireliners, R/D Wireliners, P/U RBP, TIH W/ 125 Jts Tbg, Set RBP @ 3900', R/U H/ Oiler To Tbg Pumped 45 BW, Pressure Csg @ 3000# (Zone Did Not Break), POOH W/ Tbg, R/D Circ Head, SWIFWE...12:30PM To 1:00PM Travl.. - 5:30AM To 6:00AM Travl, OWU @ 6:00, H/ Oiler Pumped 30 BW Down Tbg, POOH W/ Tbg, R/U Wireliners W/ Gauge Ring (Unable To Get Threw Wellhead Flange), N/D BOP's, R/D Wellhead Flandge, Had To Use Die Grinder On Weld, R/U Wellhead Flange, R/U Wireliners, RIH W/ 10' Perf Gun To 3824.5', Shot Zone GB2, POOH W/ Wireliners, R/D Wireliners, P/U RBP, TIH W/ 125 Jts Tbg, Set RBP @ 3900', R/U H/ Oiler To Tbg Pumped 45 BW, Pressure Csg @ 3000# (Zone Did Not Break), POOH W/ Tbg, R/D Circ Head, SWIFWE...12:30PM To 1:00PM Travl.. - 5:30AM To 6:00AM Travl, OWU @ 6:00, H/ Oiler Pumped 30 BW Down Tbg, POOH W/ Tbg, R/U Wireliners W/ Gauge Ring (Unable To Get Threw Wellhead Flange), N/D BOP's, R/D Wellhead Flandge, Had To Use Die Grinder On Weld, R/U Wellhead Flange, R/U Wireliners, RIH W/ 10' Perf Gun To 3824.5', Shot Zone GB2, POOH W/ Wireliners, R/D Wireliners, P/U RBP, TIH W/ 125 Jts Tbg, Set RBP @ 3900', R/U H/ Oiler To Tbg Pumped 45 BW, Pressure Csg @ 3000# (Zone Did Not Break), POOH W/ Tbg, R/D Circ Head, SWIFWE...12:30PM To 1:00PM Travl.. - 5:30AM To 6:00AM Travl, OWU @ 6:30, H/ Oiler Pumped 40 BW Down Tbg, Soft Seat Test to 3000# (GOOD TEST), POOH W/ Rods, L/D 15- 3/4" Sucker Rods (174-189), H/ Oiler Pumped 20 BW Down Tbg, Continued POOH, L/D

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**Daily Cost:** \$0

**Cumulative Cost:** \$21,535

**12/13/2010 Day: 4**

**Recompletion**

NC #2 on 12/13/2010 - Frac GB2 Zone, Swab Well, TIH W/- Tbg, Release Plg, POOH W/- Tbg - RU BJ Services Well Head isolation tool. RU BJ & open well w/ 0 psi on casing. Perfs broke down @ 2880 back to 1125 w/ 3 bpm w/ 15 bbls water. Frac w/ 28,786#'s of 20/40 sand in 383 bbls of Lightning 17 frac fluid. Pump 30 gals of Techni Hib chemical @ 4% by volume. Treated @ ave pressure of 1749 @ ave rate of 24 bpm w/ 6 ppg of sand. ISIP was 1478 w/ .82FG. Flow well back. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, R/U BJ Services, Frac GB2 Zone Down Csg, R/D BJ Services, Flow Back Well, TIH W- 120 Jts Tbg, R/U Sandline, Swab

Well, Swab Back Approx. 130 Bbls Fluid, R/D Sandline, TIH W/- 5- Jts Tbg, Circ Plg Clean For Approx. 1 Hr, Plg Had Approx. 74' Of Fill, Latch Onto Plg, Release Plg, POOH W/- 65 Jts Tbg, SWI, CSDFN @ 5:30 PM, 5:30 To 6:00 PM C/Trvl. - RU BJ Services Well Head isolation tool. RU BJ & open well w/ 0 psi on casing. Perfs broke down @ 2880 back to 1125 w/ 3 bpm w/ 15 bbls water. Frac w/ 28,786#'s of 20/40 sand in 383 bbls of Lightning 17 frac fluid. Pump 30 gals of Techni Hib chemical @ 4% by volume. Treated @ ave pressure of 1749 @ ave rate of 24 bpm w/ 6 ppg of sand. ISIP was 1478 w/ .82FG. Flow well back. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, R/U BJ Services, Frac GB2 Zone Down Csg, R/D BJ Services, Flow Back Well, TIH W- 120 Jts Tbg, R/U Sandline, Swab Well, Swab Back Approx. 130 Bbls Fluid, R/D Sandline, TIH W/- 5- Jts Tbg, Circ Plg Clean For Approx. 1 Hr, Plg Had Approx. 74' Of Fill, Latch Onto Plg, Release Plg, POOH W/- 65 Jts Tbg, SWI, CSDFN @ 5:30 PM, 5:30 To 6:00 PM C/Trvl.

**Daily Cost:** \$0

**Cumulative Cost:** \$48,775

**12/14/2010 Day: 5**

**Recompletion**

NC #2 on 12/14/2010 - POOH W/- Plg, TIH W/- Production Tbg String, TIH W/- Rod String, PWOP - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Finish POOH W/- 60 Jts Tbg, P/U & TIH W/- NC, 2- Jts Tbg, SN, 1- Jt Tbg, TA, 172- Jts Tbg, Set TA IN 18000 Lbs Tension, R/D Weatherford BOPS, R/U Wellhead, X - Over For Rods, R/U Rig Pmp To Tbg, Pmp 30 Bbls Wtr, P/U & Stroke Test W/- 2 1/2 x 1 1/2 x 12 x 16' RHAC CDI Rod Pmp (Max STL 131"), TIH W/- Pmp, 6- 1 1/2" x 25' Wt Bars, 25- 3/4" Guided Rods (15 Are New), 85- 3/4" Plain Rods, 99- 3/4" Guided Rods, 1- 2' x 3/4" Pony Sub, 1 1/2" x 22' Polished Rod, R/U Pmp Unit, R/U Rig Pmp To Tbg, Fill & Test To 800 Psi Using Pmp Unit, Good Test, Took 6 Bbls Wtr To Fill, PWOP @ 3:30 PM, 86" STL, 5 SPM. FINAL REPORT - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Finish POOH W/- 60 Jts Tbg, P/U & TIH W/- NC, 2- Jts Tbg, SN, 1- Jt Tbg, TA, 172- Jts Tbg, Set TA IN 18000 Lbs Tension, R/D Weatherford BOPS, R/U Wellhead, X - Over For Rods, R/U Rig Pmp To Tbg, Pmp 30 Bbls Wtr, P/U & Stroke Test W/- 2 1/2 x 1 1/2 x 12 x 16' RHAC CDI Rod Pmp (Max STL 131"), TIH W/- Pmp, 6- 1 1/2" x 25' Wt Bars, 25- 3/4" Guided Rods (15 Are New), 85- 3/4" Plain Rods, 99- 3/4" Guided Rods, 1- 2' x 3/4" Pony Sub, 1 1/2" x 22' Polished Rod, R/U Pmp Unit, R/U Rig Pmp To Tbg, Fill & Test To 800 Psi Using Pmp Unit, Good Test, Took 6 Bbls Wtr To Fill, PWOP @ 3:30 PM, 86" STL, 5 SPM. FINAL REPORT **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$57,227

**Pertinent Files: Go to File List**

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-64805
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> FEDERAL 15-13-9-16
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013326480000
<b>3. ADDRESS OF OPERATOR:</b> 1001 17th Street, Suite 2000 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 382-4443 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0695 FSL 1972 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 13 Township: 09.0S Range: 16.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE  <b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 1/13/2011	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Newfield Production Company would like to request the approval to open additional pay in the GB2 sand in the subject well in a single stage. The target interval is [3826-3836] in the GB2 sand. Please see attachment for detailed procedure and well bore diagram and contact Paul Weddle at 303-383-4117 with any questions.

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

Date: 01/20/2011

By: *Dark K. Quist*

<b>NAME (PLEASE PRINT)</b> Sam Styles	<b>PHONE NUMBER</b> 303 893-0102	<b>TITLE</b> Engineering Tech
<b>SIGNATURE</b> N/A		<b>DATE</b> 1/13/2011

# Newfield Production Company

15-13-9-16 Federal

Procedure for: OAP of GB2 (down casing)

Well Status: See attached Wellbore Diagram

AFE # Call engineer once scheduled to submit AFE for correct Quarter.

Engineer: Paul Weddle [pweddle@newfield.com](mailto:pweddle@newfield.com)  
mobile 720-233-1280  
office 303-383-4117

## PROCEDURE

- 1 Blow down tbg. MIRU SU. Seat pump and pressure test tubing to 3,000 psi. POH, LD, and visually inspect rods and pump. ND wellhead. Strip-on and NU BOP. GIH and tag fill. Clean out to PBTD as necessary. TOOH visually inspecting 2-7/8" production tbg. Report any scale on production string (interval, depth, type) on morning report and verbally to Engineer
- 2 RU wireline unit. Make 4-3/4" gauge ring run to +/- **5,745**
- 3 RIH with WL set HE RBP. **Set RBP @ ~3890'**.
- 4 Pressure test casing to 4500psi for 10 minutes.  
Only Run B&S if required. RIH and perforate the following interval w/ 3SPF 120deg phasing:  
**GB2 3826-3836** 3spf 120deg phasing
- 5 POOH with perf gun. RD Wireline Truck only after perms broken down. Be prepared to spot acid
- 7 RU frac equip and 5K Stinger frac head. Frac the GB2 down casing w/30,000# 20/40sand at **25** BPM with max sand concentration of **6** ppg per BJ recommendation.
- 5 Flowback well immediately @ 3-4 BPM until dead.
- 6 RIH and Release Packer
- 9 Run tubing as pulled. RU swab equipment and swab well until returns are clean of sand. GIH tag fill and clean out as necessary.
- 10 Place SN @ ± 5429 and set TAC at ±5390' with 15,000 lbs overpull. ND BOP's. NU wellhead.
- 11 PU and RIH with a 2-1/2" x 1-1/2" x 16' RHAC pump, 6 x 1-1/2" weight rods, 10 x 3/4" guided rods, 199 x 3/4" slick rods, Space out with pony rods as necessary.
- 12 PWOP and track results for one month.

# Federal 15-13-9-16

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

Initial Production: BOPD,  
 MCFD, BWPD

## Wellbore Diagram

### SURFACE CASING

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

### PRODUCTION CASING

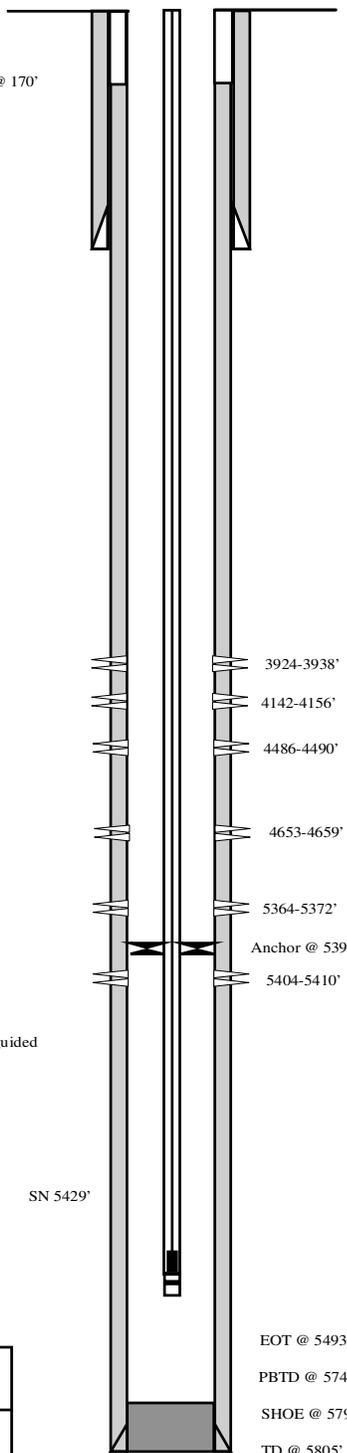
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 131 jts, (5777.86')  
 DEPTH LANDED: 5791.11' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 350 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.  
 CEMENT TOP AT: 170'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 172 jts (5384.3')  
 TUBING ANCHOR: 5389.64' KB  
 NO. OF JOINTS: 1 jts (31.4')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5428.5' KB  
 NO. OF JOINTS: 2 jts (62.7')  
 TOTAL STRING LENGTH: EOT @ 5493' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 1-2' X 3/4" pony rods, 99- 3/4" guided rods, 100- 3/4" guided rods, 10- 3/4" guided rods, 6-1 1/2" weight rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5 SPM



### FRAC JOB

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

### PERFORATION RECORD

Date	Depth Range	Tool Joint	Holes
11-18-05	5404-5410'	4 JSPF	24 holes
11-18-05	5364-5372'	4 JSPF	32 holes
11-30-05	4653-4659'	4 JSPF	24 holes
12-01-05	4486-4490'	4 JSPF	16 holes
12-01-05	4142-4156'	4 JSPF	56 holes
12-01-05	3924-3938'	4 JSPF	56 holes

**NEWFIELD**



**Federal 15-13-9-16**

695' FSL & 1972' FEL

SW/SE Section 13-T9S-R16E

Duchesne Co, Utah

API #43-013-32648; Lease #UTU-64805

ML 3/4/10

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-64805
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> FEDERAL 15-13-9-16
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013326480000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0695 FSL 1972 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 13 Township: 09.0S Range: 16.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE  <b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/18/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The subject well has been converted from a producing oil well to an injection well on 10/17/2012. On 10/18/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/18/2012 the casing was pressured up to 1360 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was not a State representative available to witness the test.

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

**Date:** October 29, 2012

**By:** 

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/23/2012	

# Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: \_\_\_\_\_ Date 10/18/2012 Time 1:30 am pm  
Test Conducted by: Cody Marx  
Others Present: \_\_\_\_\_

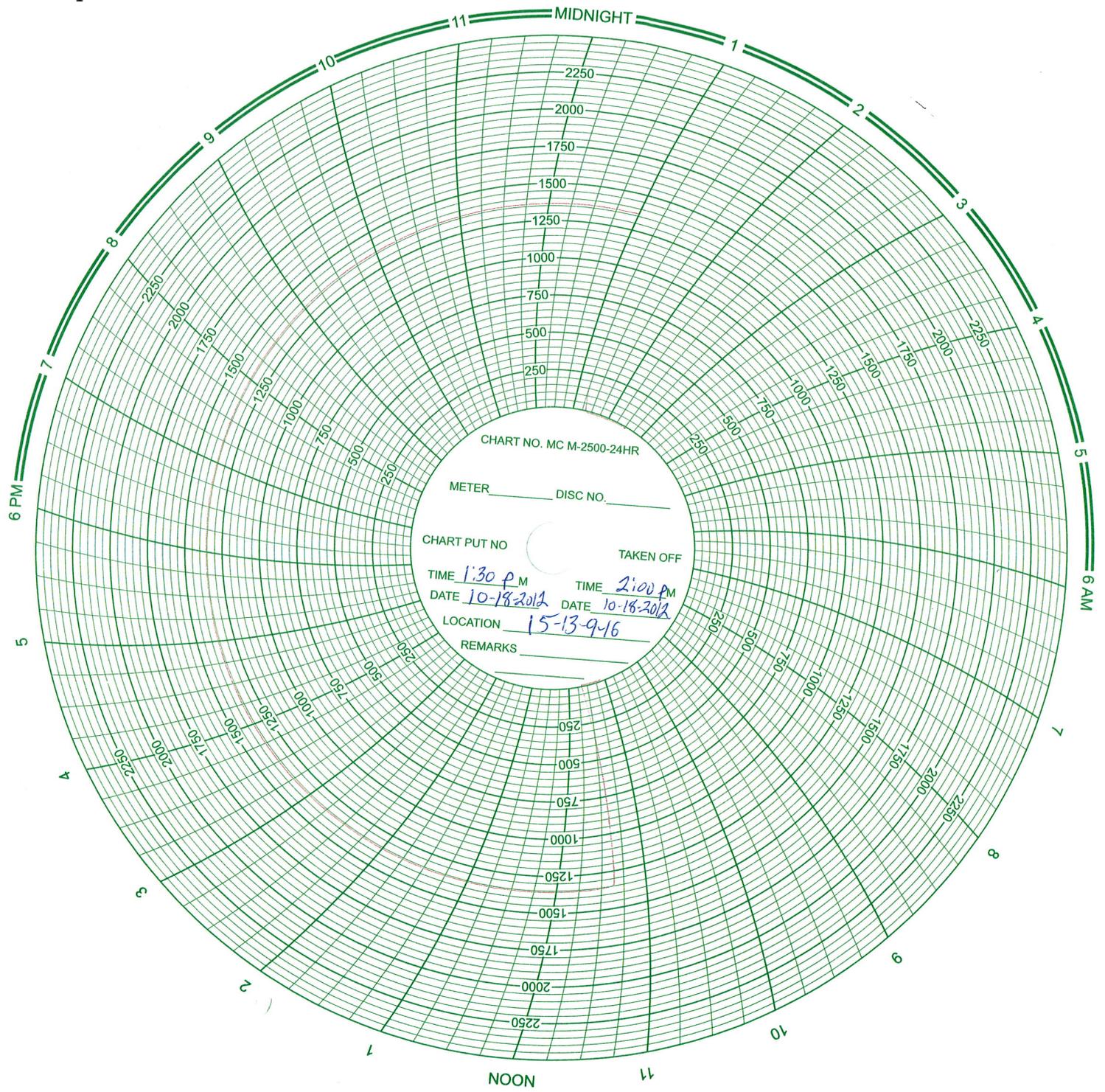
Well: <u>Federal 15-13-916</u>	Field: <u>Monument Butte</u>
Well Location: <u>SW/SE Sec. 13 T9S R16E Duchesne, Utah</u>	API No: <u>43-013-32648</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1360</u>	psig
5	<u>1360</u>	psig
10	<u>1360</u>	psig
15	<u>1360</u>	psig
20	<u>1360</u>	psig
25	<u>1360</u>	psig
30 min	<u>1360</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 400 psig

Result: Pass Fail

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



## Daily Activity Report

Format For Sundry

**FEDERAL 15-13-9-16**

**8/1/2012 To 12/30/2012**

**10/16/2012 Day: 1**

**Conversion**

WWS #7 on 10/16/2012 - MIRUSU. LD rods and - traveled from g-35-8-16 to 15-13-9-16 wait until 10:55am for dead man anchors to be tested Ru rig pump HO BW down csg RD PU unseat pump flush rods w W/40 BW soft seat pump Blow hole in TBG @ 2K psi w/15 BW LD 1/12 X 22 polish rod 2x 3/4 pony, 99 upper 3/4, 75 SLK 3/4, 36- 4 per 3/4, 6-1/2 WT Bars & pump flushed more time w/ 30 BW X 10 to tbg EQ NDWH release TAC no BOP RU THG EQ. - traveled from g-35-8-16 to 15-13-9-16 wait until 10:55am for dead man anchors to be tested Ru rig pump HO BW down csg RD PU unseat pump flush rods w W/40 BW soft seat pump Blow hole in TBG @ 2K psi w/15 BW LD 1/12 X 22 polish rod 2x 3/4 pony, 99 upper 3/4, 75 SLK 3/4, 36- 4 per 3/4, 6-1/2 WT Bars & pump flushed more time w/ 30 BW X 10 to tbg EQ NDWH release TAC no BOP RU THG EQ. - traveled from g-35-8-16 to 15-13-9-16 wait until 10:55am for dead man anchors to be tested Ru rig pump HO BW down csg RD PU unseat pump flush rods w W/40 BW soft seat pump Blow hole in TBG @ 2K psi w/15 BW LD 1/12 X 22 polish rod 2x 3/4 pony, 99 upper 3/4, 75 SLK 3/4, 36- 4 per 3/4, 6-1/2 WT Bars & pump flushed more time w/ 30 BW X 10 to tbg EQ NDWH release TAC no BOP RU THG EQ. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$17,243

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**10/18/2012 Day: 2**

**Conversion**

WWS #7 on 10/18/2012 - Pump Seat nipple, on-off too IX profile.pup joint, crossover - Pump 30 BW down CSG 100H Tolling Tubing breaking inspecting and green doping conversion with 120 JTS 2-7/8 j-55 tbg LD 52 JTS, 5-1/2 tubing anchor,1 joint, SN,2 joints. Hole found in joint 151. Flushed one more time w/ 30 BW. TIH w/ 2-3/4 re-entry guides, 2-3/8 X/N nipple w/ 1.87 profile, 2-3/8 pup JT, 2-3/8x2-7/8 over, 5-1/2 AS-1X PKR 2-7/8 SN On/off 100, 120 jts 2-7/8 j-55 TBG pump 30 BW drop SV psi test tbg to 3000psi @ 2:28pm 1-1/2 to get good test ret SV w/ sand line SW. - Pump 30 BW down CSG 100H Tolling Tubing breaking inspecting and green doping conversion with 120 JTS 2-7/8 j-55 tbg LD 52 JTS, 5-1/2 tubing anchor,1 joint, SN,2 joints. Hole found in joint 151. Flushed one more time w/ 30 BW. TIH w/ 2-3/4 re-entry guides, 2-3/8 X/N nipple w/ 1.87 profile, 2-3/8 pup JT, 2-3/8x2-7/8 over, 5-1/2 AS-1X PKR 2-7/8 SN On/off 100, 120 jts 2-7/8 j-55 TBG pump 30 BW drop SV psi test tbg to 3000psi @ 2:28pm 1-1/2 to get good test ret SV w/ sand line SW. - ND BOP set PKR @ 3771' SN@ 3761' x N @ 3779 EOT@ 3781 Land TBG w/ Injection tree w/ 18,000# tension x 10 to bed EQ mix 15 gal PKR fluid w/55 bbl hold for 2HR get good test for 30 min unit for wind to die to RD. - ND BOP set PKR @ 3771' SN@ 3761' x N @ 3779 EOT@ 3781 Land TBG w/ Injection tree w/ 18,000# tension x 10 to bed EQ mix 15 gal PKR fluid w/55 bbl hold for 2HR get good test for 30 min unit for wind to die to RD. - Pump 30 BW down CSG 100H Tolling Tubing breaking inspecting and green doping conversion with 120 JTS 2-7/8 j-55 tbg LD 52 JTS, 5-1/2 tubing anchor,1 joint, SN,2 joints. Hole found in joint 151. Flushed one more time w/ 30 BW. TIH w/ 2-3/4 re-entry guides, 2-3/8 X/N nipple w/ 1.87 profile, 2-3/8 pup JT, 2-3/8x2-7/8 over, 5-1/2 AS-1X PKR 2-7/8 SN On/off 100, 120 jts 2-7/8 j-55 TBG pump 30 BW drop SV psi test tbg to 3000psi @ 2:28pm 1-1/2 to get good test ret SV w/ sand line SW. - Pump 30 BW down CSG 100H Tolling Tubing breaking inspecting and green doping conversion with 120 JTS 2-7/8 j-55 tbg LD 52 JTS, 5-1/2 tubing anchor,1 joint, SN,2 joints. Hole found in joint 151. Flushed one more time w/ 30 BW. TIH w/ 2-3/4 re-entry guides, 2-3/8 X/N nipple w/ 1.87 profile, 2-3/8 pup JT, 2-3/8x2-7/8 over, 5-1/2 AS-1X PKR 2-7/8 SN On/off 100, 120 jts 2-7/8 j-55 TBG pump 30 BW drop SV psi test tbg to 3000psi @ 2:28pm 1-1/2 to get good test ret SV w/ sand line SW. - ND BOP set PKR @ 3771' SN@ 3761' x N @ 3779 EOT@ 3781 Land TBG w/

Injection tree w/ 18,000# tension x 10 to bed EQ mix 15 gal PKR fluid w/55 bbl hold for 2HR get good test for 30 min unit for wind to die to RD. - ND BOP set PKR @ 3771' SN@ 3761' x N @ 3779 EOT@ 3781 Land TBG w/ Injection tree w/ 18,000# tension x 10 to bed EQ mix 15 gal PKR fluid w/55 bbl hold for 2HR get good test for 30 min unit for wind to die to RD. - Pump 30 BW down CSG 100H Tolling Tubing breaking inspecting and green doping conversion with 120 JTS 2-7/8 j-55 tbg LD 52 JTS, 5-1/2 tubing anchor,1 joint, SN,2 joints. Hole found in joint 151. Flushed one more time w/ 30 BW. TIH w/ 2-3/4 re-entry guides, 2-3/8 X/N nipple w/ 1.87 profile, 2-3/8 pup JT, 2-3/8x2-7/8 over, 5-1/2 AS-1X PKR 2-7/8 SN On/off 100, 120 jts 2-7/8 j-55 TBG pump 30 BW drop SV psi test tbg to 3000psi @ 2:28pm 1-1/2 to get good test ret SV w/ sand line SW. - Pump 30 BW down CSG 100H Tolling Tubing breaking inspecting and green doping conversion with 120 JTS 2-7/8 j-55 tbg LD 52 JTS, 5-1/2 tubing anchor,1 joint, SN,2 joints. Hole found in joint 151. Flushed one more time w/ 30 BW. TIH w/ 2-3/4 re-entry guides, 2-3/8 X/N nipple w/ 1.87 profile, 2-3/8 pup JT, 2-3/8x2-7/8 over, 5-1/2 AS-1X PKR 2-7/8 SN On/off 100, 120 jts 2-7/8 j-55 TBG pump 30 BW drop SV psi test tbg to 3000psi @ 2:28pm 1-1/2 to get good test ret SV w/ sand line SW. - ND BOP set PKR @ 3771' SN@ 3761' x N @ 3779 EOT@ 3781 Land TBG w/ Injection tree w/ 18,000# tension x 10 to bed EQ mix 15 gal PKR fluid w/55 bbl hold for 2HR get good test for 30 min unit for wind to die to RD. - ND BOP set PKR @ 3771' SN@ 3761' x N @ 3779 EOT@ 3781 Land TBG w/ Injection tree w/ 18,000# tension x 10 to bed EQ mix 15 gal PKR fluid w/55 bbl hold for 2HR get good test for 30 min unit for wind to die to RD. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$23,822

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**10/19/2012 Day: 4**

**Conversion**

Rigless on 10/19/2012 - Conduct initial MIT - On10/18/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/18/2012 the casing was pressured up to 1360 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was not a State representative available to witness the test. - On10/18/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/18/2012 the casing was pressured up to 1360 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was not a State representative available to witness the test. - On10/18/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/18/2012 the casing was pressured up to 1360 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was not a State representative available to witness the test. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$116,711

---

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-64805	
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
<b>1. TYPE OF WELL</b> Water Disposal Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)	
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> FEDERAL 15-13-9-16	
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43013326480000	
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0695 FSL 1972 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 13 Township: 09.0S Range: 16.0E Meridian: S		<b>COUNTY:</b> DUCHESNE	
		<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/29/2012  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input checked="" type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input type="text" value="Put on Injection"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
The above reference well was put on injection at 2:45 PM on 11/29/2012.			
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 30, 2012</b>			
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician	
<b>SIGNATURE</b> N/A		<b>DATE</b> 11/30/2012	



June 14, 2012

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

RE: Permit Application for Water Injection Well  
Federal #15-13-9-16  
Monument Butte Field, Lease #UTU-64805  
Section 13-Township 9S-Range 16E  
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #15-13-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

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

Sincerely,

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

Eric Sundberg  
Regulatory Lead

**RECEIVED**  
**JUN 18 2012**  
DIV. OF OIL, GAS & MINING

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**FEDERAL #15-13-9-16**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #UTU-64805**  
**JUNE 14, 2012**

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STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company  
ADDRESS 1001 17th Street, Suite 2000  
Denver, Colorado 80202

Well Name and number: Federal #15-13-9-16  
Field or Unit name: Monument Butte (Green River) Lease No. UTU-64805  
Well Location: QQ SWSE section 13 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? . . . . . Yes  No   
Will the proposed well be used for:           Enhanced Recovery? . . . . . Yes  No   
  Disposal? . . . . . Yes  No   
  Storage? . . . . . Yes  No   
Is this application for a new well to be drilled? . . . . . Yes  No   
If this application is for an existing well,  
has a casing test been performed on the well? . . . . . Yes  No   
Date of test: \_\_\_\_\_  
API number: 43-013-32648

Proposed injection interval:       from       3773       to       5745  
Proposed maximum injection:     rate       500 bpd pressure 1475 psig  
Proposed injection zone contains  oil,  gas, and/or  fresh water within 1/2  
mile of the well.

**IMPORTANT:** Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg Signature   
Title Regulatory Lead Date 6/14/12  
Phone No. (303) 893-0102

(State use only)  
Application approved by \_\_\_\_\_ Title \_\_\_\_\_  
Approval Date \_\_\_\_\_

Comments:

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

# Federal 15-13-9-16

## Proposed Injection Wellbore Diagram

### SURFACE CASING

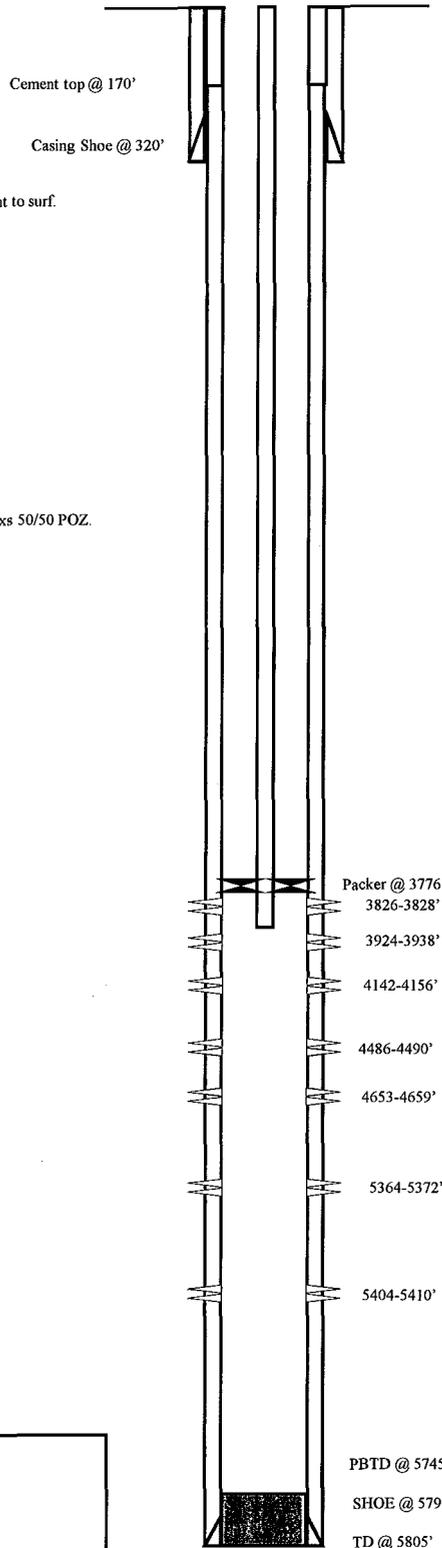
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (308.61')  
 DEPTH LANDED: 320.46' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

### PRODUCTION CASING

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

### TUBING

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



### FRAC JOB

11-30-05	5364-5410'	<b>Frac CP2, &amp; CPI sands as follows:</b> 4474# 20/40 sand in 479 bbls Lightning 17 frac fluid. Treated @ avg press of 2020 psi w/avg rate of 24.7 BPM. ISIP 2400 psi. Calc flush: 5362 gal. Actual flush: 5376 gal.
12-01-05	4653-4659'	<b>Frac C sands as follows:</b> 19588# 20/40 sand in 267 bbls Lightning 17 frac fluid. Treated @ avg press of 2290 psi w/avg rate of 24.7 BPM. ISIP 2850 psi. Calc flush: 4651 gal. Actual flush: 4702 gal.
12-01-05	4486-4490'	<b>Frac D1 sands as follows:</b> 19605# 20/40 sand in 262 bbls Lightning 17 frac fluid. Treated @ avg press of 1827 psi w/avg rate of 24.7 BPM. ISIP 1850 psi. Calc flush: 4946 gal. Actual flush: 4494 gal.
12-01-05	4142-4156'	<b>Frac PB8 sands as follows:</b> 58778# 20/40 sand in 546 bbls Lightning 17 frac fluid. Treated @ avg press of 2383 w/ avg rate of 14.2 BPM. ISIP 3200 psi. Calc flush: 3140 gal. Actual flush: 4200 gal.
12-01-05	3924-3938'	<b>Frac GB4 sands as follows:</b> 30034# 20/40 sand in 312 bbls Lightning 17 frac fluid. Treated @ avg press of 1314 w/ avg rate of 14.2 BPM. ISIP 1500 psi. Calc flush: 3922 gal. Actual flush: 3864 gal.
06-16-06		<b>Pump change:</b> Update rod and tubing details.
12-15-06		<b>Pump Change:</b> Updated rod and tubing detail.
11/18/08		<b>Pump Change:</b> Updated rod & tubing details.
2/21/2010		<b>Tubing Leak:</b> Updated rod and tubing detail.
12/13/10	3826-3836'	<b>Frac GB2 sands as follows:</b> 28786# 20/40 sand in 173 bbls Lightning 17 fluid.
12/14/10		<b>Re-Completion finalized</b> – updated tbg and rod detail.

### PERFORATION RECORD

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

**NEWFIELD**



**Federal 15-13-9-16**

695' FSL & 1972' FEL

SW/SE Section 13-T9S-R16E

Duchesne Co, Utah

API #43-013-32648; Lease #UTU-64805

## WORK PROCEDURE FOR INJECTION CONVERSION

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

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

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

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

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

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

See Attachment A.

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

Approval is requested to convert the Federal #15-13-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

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

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

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

The injection zone is in the Green River Formation. For the Federal #15-13-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3773' - 5745'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3457' and the TD is at 5805'.

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

The referenced log for the Federal #15-13-9-16 is on file with the Utah Division of Oil, Gas and Mining.

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

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

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

See Attachment B.

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

See Attachment C.

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

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

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

This proposed injection well is on a Federal lease (Lease #UTU-64805) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

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

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

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

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

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

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

The casing program is 8-5/8", 24# surface casing run to 320' KB, and 5-1/2", 15.5# casing run from surface to 5791' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
  
  - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

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

See Attachment F.

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

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1475 psig.

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

The minimum fracture gradient for the Federal #15-13-9-16, for existing perforations (3826' - 5410') calculates at 0.82 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1475 psig. We may add additional perforations between 3457' and 5805'. See Attachments G and G-1.

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

In the Federal #15-13-9-16, the proposed injection zone (3773' - 5745') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

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

See Attachments E through E-12.

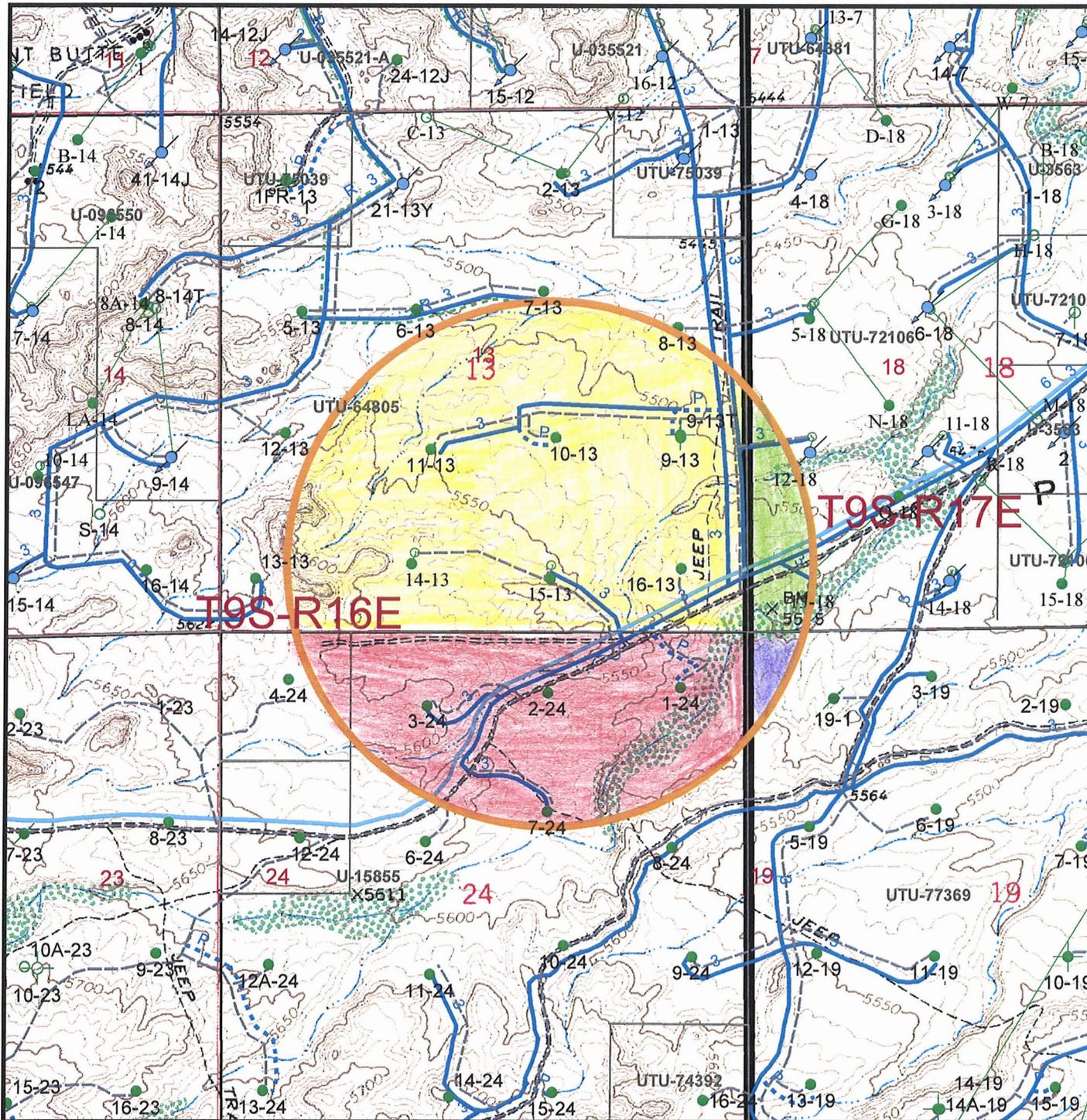
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

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

See Attachment C.

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

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



**SurfaceLocation\_HalfMile\_Buffer**  
 SurfaceLocation\_HalfMile\_Buffer

**Well Status**

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

**Countyline**  
 Countyline

**Injection system**

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

**Leases**  
 Leases

**Mining tracts**  
 Mining tracts

UTU-64805  
 UTU-72106  
 UTU-77369  
 UTU-15855

Federal 15-13  
 Section 13, T 9S-R16E

**NEWFIELD**  
 ROCKY MOUNTAINS 1 in = 1,500 feet

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

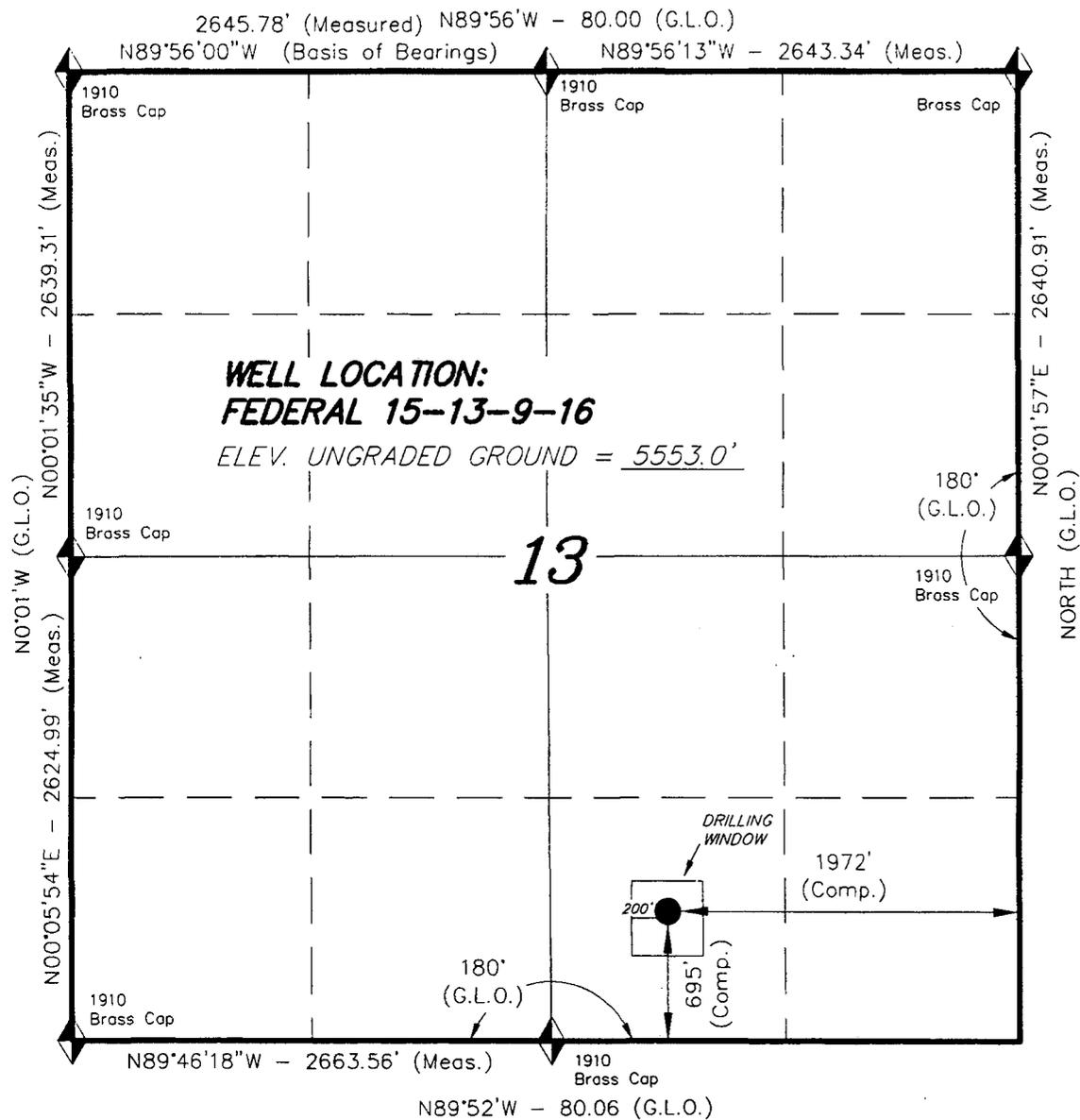
1001 17th Street Suite 2000  
 Denver, Colorado 80202  
 Phone: (303) 893-0102

May 2, 2012

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

INLAND PRODUCTION COMPANY

WELL LOCATION, FEDERAL 15-13-9-16,  
 LOCATED AS SHOWN IN THE SW 1/4 SE  
 1/4 OF SECTION 13, T9S, R16E,  
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



**WELL LOCATION:  
 FEDERAL 15-13-9-16**  
 ELEV. UNGRADED GROUND = 5553.0'

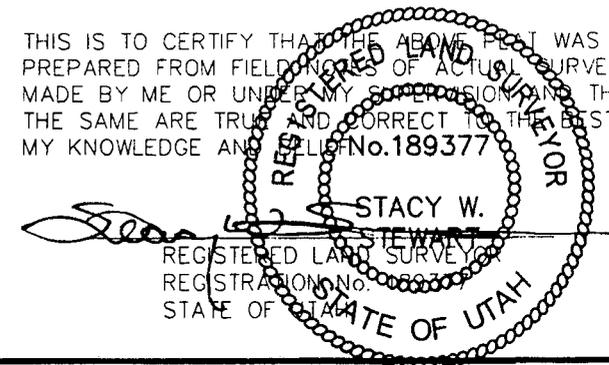
**13**



**NOTE:**

The Well Location bears  
 N43°22'52"E 952.83' from the  
 South 1/4 Corner of Section 13.

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



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

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

SCALE: 1" = 1000'	SURVEYED BY: D.J.S.
DATE: 7-30-04	DRAFTED BY: F.T.M.
NOTES:	FILE #

**EXHIBIT B**

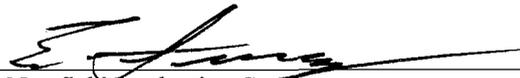
<b>#</b>	<b>Legal Description</b>	<b>Lessor &amp; Expiration</b>	<b>Lessee &amp; Operating Rights</b>	<b>Surface Owner</b>
1	T9S-R16E SLM Section 13: NWNW, NENW, S2N2, S2	USA UTU-64805 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA
2	T9S-R17E SLM Section 7: E2SW, SE Section 17: N2, W2SE Section 18: NENE, S2NE, E2W2, NESE, S2SE , LOTS 1-4	USA UTU-72106 HBP	Newfield Production Company Newfield RMI LLC	USA
3	T9S-R17E SLM Section 19: All Section 20: S2NE, W2, SE	USA UTU-77369 HBP	Newfield Production Company Newfield RMI LLC	USA
4	T9S-R16E SLM Section 23: E2, NW, E2SW, NWSW Section 24: N2, SW, N2SE, SWSE	USA UTU-15855 HBP	Newfield Production Company Newfield RMI LLC Bee Hive Oil LLC Journey Properties LLC King Oil & Gas of Texas LTD Six Gold Oil LLC Stone Energy Corp	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Federal #15-13-9-16

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

Signed:   
Newfield Production Company  
Eric Sundberg  
Regulatory Lead

Sworn to and subscribed before me this 14<sup>th</sup> day of June, 2012.

Notary Public in and for the State of Colorado: 

My Commission Expires: 02/10/2013



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

## Federal 15-13-9-16

### Wellbore Diagram

#### SURFACE CASING

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

#### PRODUCTION CASING

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

#### TUBING

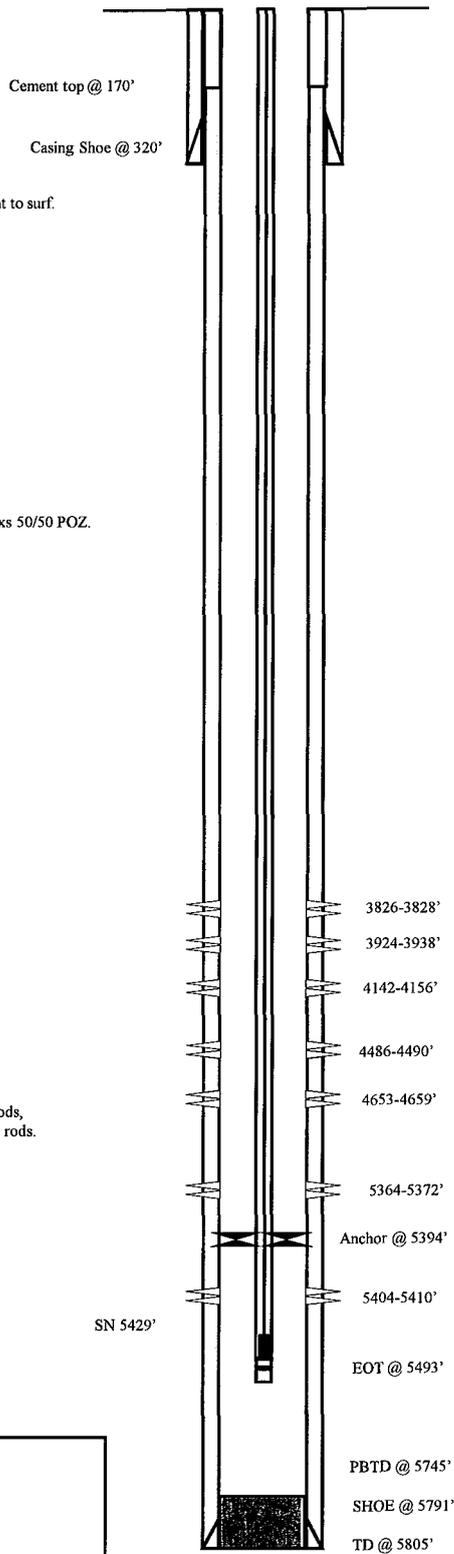
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 172 jts (5384.3')  
 TUBING ANCHOR: 5394.3' KB  
 NO. OF JOINTS: 1 jts (31.4')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5428.5' KB  
 NO. OF JOINTS: 2 jts (62.7')  
 TOTAL STRING LENGTH: EOT @ 5493' KB

#### SUCKER RODS

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

#### FRAC JOB

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



#### PERFORATION RECORD

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



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

## Federal 9-13T-9-16

Spud Date: 11/9/05  
 Put on Production: 12/20/05  
 GL: 5502' KB: 5512'

Initial Production: -4 BOPD,  
 84 MCFD, 7 BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts. (310.06')  
 DEPTH LANDED: 320.06' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 160 sks Class G Mix. Est 1.5 bbls cement to pit

### PRODUCTION CASING

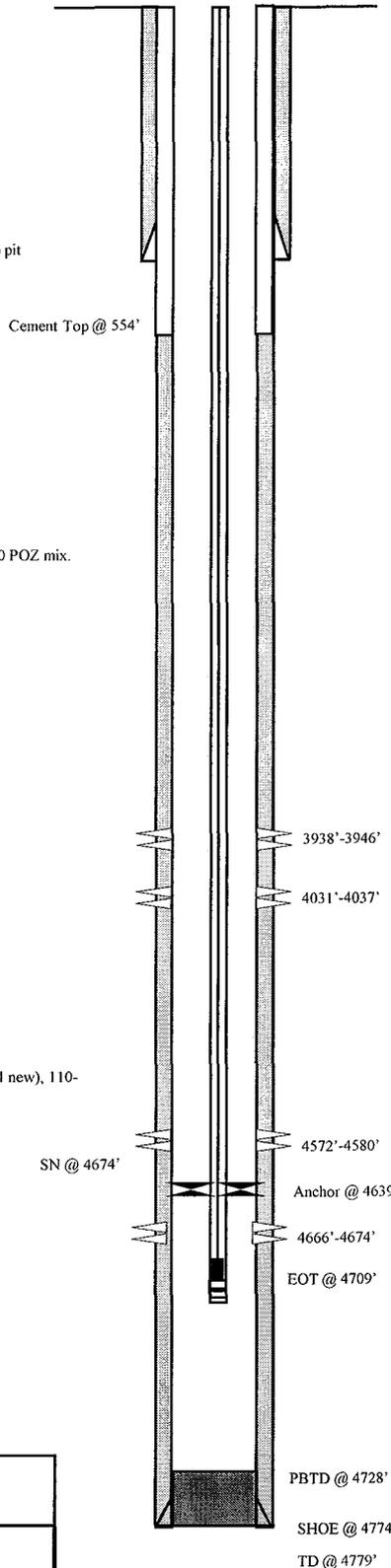
CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 110 jts. (4775.93')  
 DEPTH LANDED: 4773.93' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 554'

### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 141 jts (4629.46')  
 TUBING ANCHOR: 4639.26' KB  
 NO. OF JOINTS: 1 jts (32.33')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 4674.39' KB  
 NO. OF JOINTS: 1 jts (33.40')  
 "Collar sized" Gas Anchor (5.00')  
 NO. OF JOINTS: 3 jts (100.22')  
 TOTAL STRING LENGTH: 4709.34' w/ 10' KB

### SUCKER RODS

POLISHED ROD: 1 1/2" x 22'  
 SUCKER RODS: 1-2' x 3/4" pony rods, 70-3/4" guided rods (all new), 110-3/4" Guided rods, 6-1 1/2" weight rods.  
 PUMP SIZE: 2 1/2" x 1 1/2" x 14" RHAC pump w/SM plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 6 SPM  
 LOGS: Open hole, SP/GR/DIG,CBL



### FRAC JOB

12/16/05 4666'-4674' **Frac C sands as follows:**  
 68,278#'s of 20/40 sand in 535 bbls lightning  
 17 frac fluid. Treated @ avg press of 1693,  
 w/avg rate of 24.7 bpm. ISIP 2100 psi. Calc  
 flush: 4664 gal. Actual flush: 4200 gal.

12/16/05 4572'-4580' **Frac D2 sands as follows:**  
 79,385#'s of 20/40 sand in 586 bbls lightning  
 17 frac fluid. Treated @ avg press of 1800,  
 w/avg rate of 24.7 bpm. ISIP 2100 psi. Calc  
 flush: 4570 gal. Actual flush: 4074 gal.

12/16/05 4031'-4037' **Frac GB6 sands as follows:**  
 18,981#'s of 20/40 sand in 253 bbls  
 lightning 17 frac fluid. Treated @ avg press  
 of 1950, w/avg rate of 24.7 bpm. ISIP 1800  
 psi. Calc flush: 4029 gal. Actual flush: 3586  
 gal.

12/16/05 3938'-3946' **Frac GB4 sands as follows:**  
 35,084#'s of 20/40 sand in 358 bbls  
 lightning 17 frac fluid. Treated @ avg press  
 of 1760, w/avg rate of 24.7 bpm. ISIP 2200  
 psi. Calc flush: 3936 gal. Actual flush: 3864  
 gal.

07-17-06 **Pump Change.** Rod & Tubing Detail Updated.

### PERFORATION RECORD

Date	Depth Range	Tool	Holes
12/16/05	3938'-3946'	4 JSPF	32 holes
12/16/05	4031'-4037'	4 JSPF	24 holes
12/16/05	4572'-4580'	4 JSPF	32 holes
12/15/05	4666'-4674'	4 JSPF	32 holes



Federal 9-13T-9-16  
 2001' FSL & 660' FEL  
 NE/SE Section 13-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32954; Lease #UTU-64805

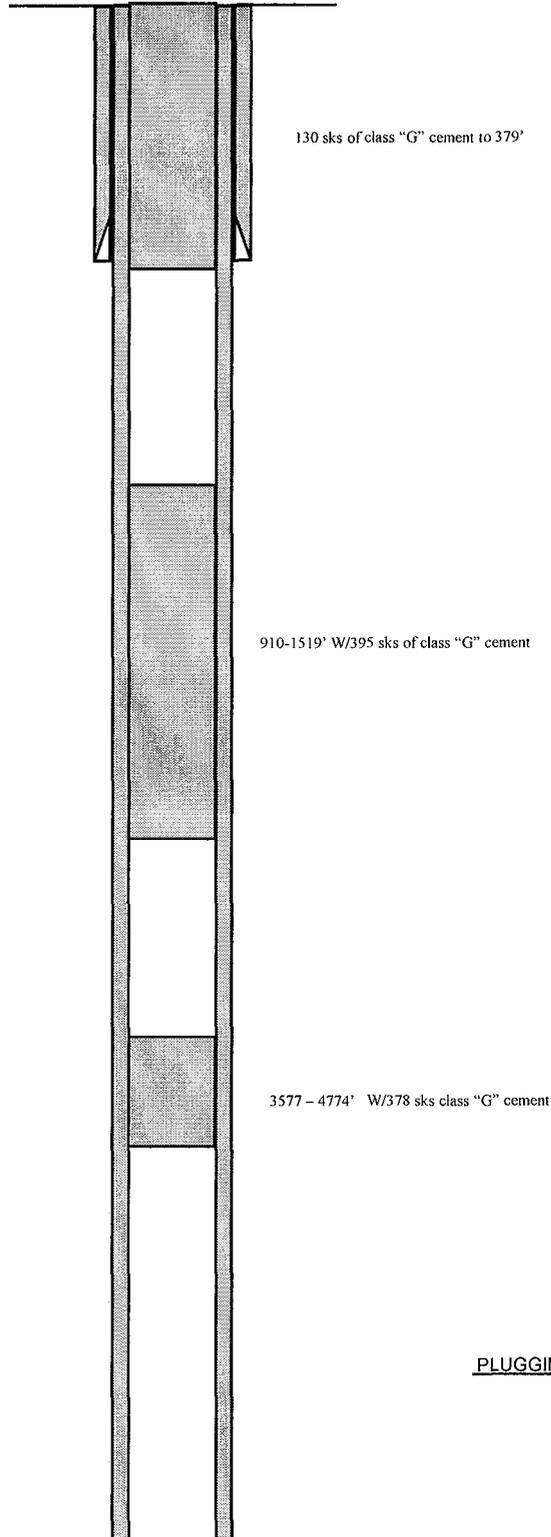
Spud Date: 8/31/05  
Plugged Date: 9/22/05

## Federal 9-13-9-16

P & A Diagram

### SURFACE CASING

CSG SIZE: 8 5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (298.45')  
DEPTH LANDED: 310.30' KB  
HOLE SIZE: 12 1/4"  
CEMENT DATA: 160 sks Class G Mix. Est 1.5 bbls cement to pit



PLUGGING PROCEDURE



Federal 9-13-9-16  
1976' FSL & 660' FEL (NE/SE)  
Sec.13, T9S, R16E  
Duchesne Co, Utah  
API #43-013-32654; Lease #UTU-64805

## Federal 10-13-9-16

Spud Date: 10/26/05  
 Put on Production: 12/12/05  
 GL: 5519' KB:5529'

Initial Production: BOPD 52,  
 MCFD 25, BWPD 25

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (302.45')  
 DEPTH LANDED: 312.45' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sx Class "G" mixed cmt, est 6 bbls cmt to surf.

### PRODUCTION CASING

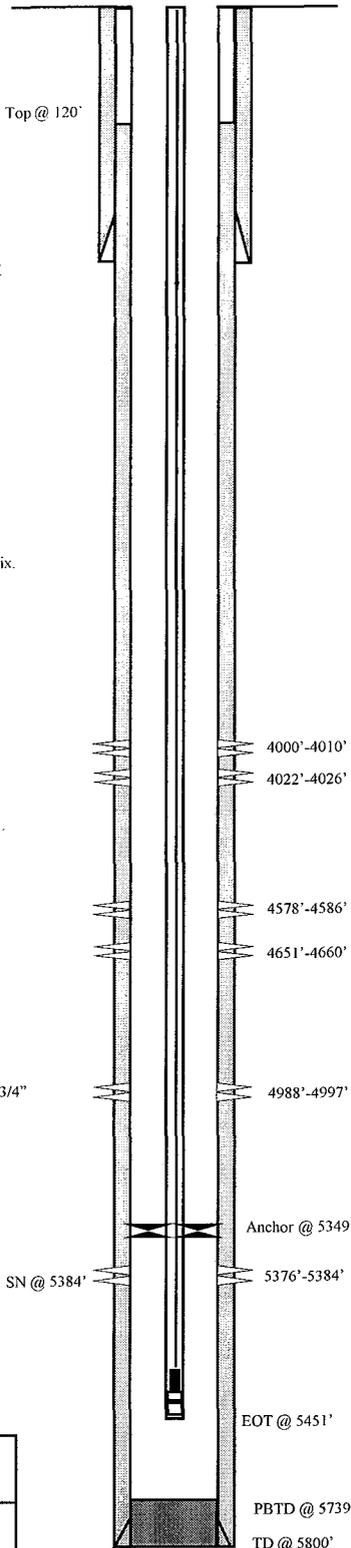
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 131 jts (5786.4')  
 DEPTH LANDED: 5784.4' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 356 sx Prem. Lite II mixed & 476 sx 50/50 POZ mix.  
 CEMENT TOP AT: 120'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 166 jts (5338.64')  
 TUBING ANCHOR: 5348.64' KB  
 NO. OF JOINTS: 1 jt (32.60')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5384.04' KB  
 NO. OF JOINTS: 2 jts (65.17')  
 TOTAL STRING LENGTH: EOT @ 5450.76' w/ 10' KB'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
 SUCKER RODS: 1-2' x 3/4" pony rods, 100-3/4" scraped rods, 99-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods, .  
 PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC pump w/ SM Plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5 SPM  
 LOGS: DIG/GR/SP/CAL



### FRAC JOB

12/06/05 5819'-5826' **Frac CP1 sands as follows:**  
 29,922# 20/40 sand in 367 bbls lightning  
 Frac 17 fluid. Treated @ avg press of 2034 psi  
 w/avg rate of 25 BPM. ISIP 2140 psi. Calc  
 flush: 5817 gal. Actual flush: 5082 gal.

12/06/05 4988'-4997' **Frac LODC sands as follows:**  
 30,233# 20/40 sand in 371 bbls lightning  
 Frac 17 fluid. Treated @ avg press of 2069 psi  
 w/avg rate of 25 BPM. ISIP 2320 psi. Calc  
 flush: 4986 gal. Actual flush: 4725 gal.

12/06/05 4578'-4660' **Frac D2 & C sands as follows:**  
 75,870# 20/40 sand in 574 bbls lightning Frac  
 17 fluid. Treated @ avg press of 2092 psi  
 w/avg rate of 25 BPM. ISIP 2080 psi. Calc  
 flush: 4576 gal. Actual flush: 4326 gal.

12/06/05 4000'-4026' **Frac GB6 sands as follows:**  
 51,023# 20/40 sand in 430 bbls lightning Frac  
 17 fluid. Treated @ avg press of 1681 psi  
 w/avg rate of 25.1 BPM. ISIP 1720 psi. Calc  
 flush: 3998 gal. Actual flush: 3906 gal.

### PERFORATION RECORD

Date	Depth Range	ISIP	Holes
11/30/05	5376'-5384'	4 JSPF	32 holes
12/06/05	4988'-4997'	4 JSPF	36 holes
12/06/05	4651'-4660'	4 JSPF	36 holes
12/06/05	4578'-4586'	4 JSPF	32 holes
12/06/05	4022'-4026'	4 JSPF	16 holes
12/06/05	4000'-4010'	4 JSPF	40 holes



**Federal 10-13-9-16**  
 1971' FSL & 1917' FEL  
 NW/SE Section 13-T9S-R16E  
 Duchesne County, Utah  
 API #43-013-32653; Lease #UTU-64805

## Federal 11-13-9-16

Spud Date: 10/31/05  
 Put on Production: 12/14/05  
 GL: 5444' KB:5454'

Initial Production: BOPD 51,  
 MCFD 39, BWPD 28

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (296.83')  
 DEPTH LANDED: 306.83' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sx Class "G" mixed cmt, est 2 bbls cmt to surf.

### PRODUCTION CASING

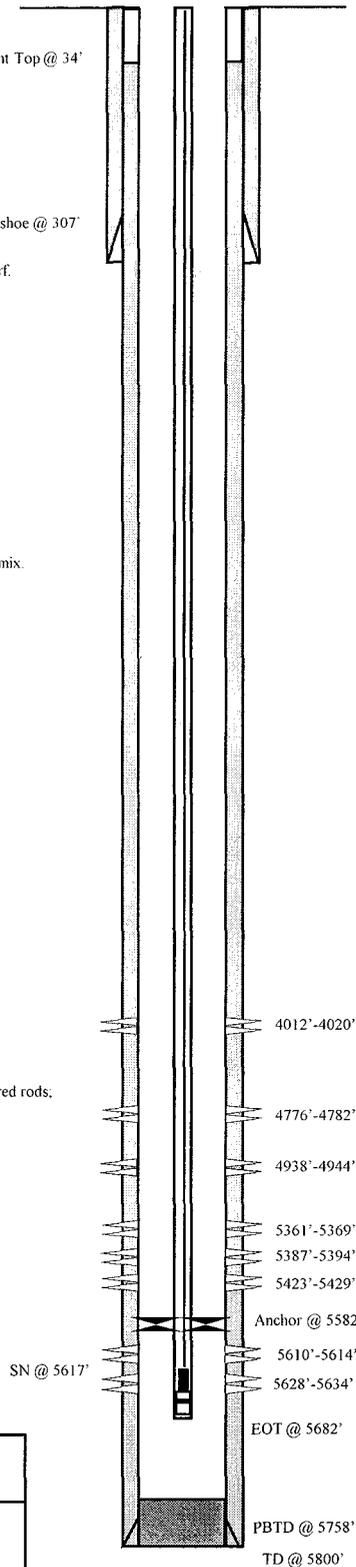
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 132 jts (5791.7')  
 DEPTH LANDED: 5789.7' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 325 sx Prem. Lite II mixed & 450 sx 50/50 POZ mix.  
 CEMENT TOP AT: 34'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 172 jts (5571.73')  
 TUBING ANCHOR: 5581.73' KB  
 NO. OF JOINTS: 1 jt (32.55')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5617.08' KB  
 NO. OF JOINTS: 2 jts (63.62')  
 TOTAL STRING LENGTH: EOT @ 5682.25' w/ 10' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
 SUCKER RODS: 1-6', 1-4', 1-2' x 3/4" pony rods, 100-3/4" scraped rods,  
 99-3/4" plain rods, 20-3/4" scraped rods, 6-1 1/2" weight rods,  
 PUMP SIZE: 2-1/2" x 1-1/2" x 14" RHAC pump w/ SM Plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 6 SPM



### FRAC JOB

12/09/05	5610'-5634'	<b>Frac CP4 sands as follows:</b> 40,198# 20/40 sand in 394 bbls lightning Frac 17 fluid. Treated @ avg press of 1702 psi w/avg rate of 24.7 BPM. ISIP 2300 psi. Calc flush: 5608 gal. Actual flush: 5007 gal.
12/09/05	5361'-5429'	<b>Frac CP1 &amp; CP2 sands as follows:</b> 95,683# 20/40 sand in 703 bbls lightning Frac 17 fluid. Treated @ avg press of 1593 psi w/avg rate of 24.7 BPM. ISIP 2150 psi. Calc flush: 5359 gal. Actual flush: 4775 gal.
12/10/05	4938'-4944'	<b>Frac A1 sands as follows:</b> 20,953# 20/40 sand in 278 bbls lightning Frac 17 fluid. Treated @ avg press of 1972 psi w/avg rate of 24.8 BPM. ISIP 1950 psi. Calc flush: 4936 gal. Actual flush: 4368 gal.
12/10/05	4776'-4782'	<b>Frac B1 sands as follows:</b> 36,114# 20/40 sand in 380 bbls lightning Frac 17 fluid. Treated @ avg press of 2210psi w/avg rate of 24.9 BPM. ISIP 1975 psi. Calc flush: 4774 gal. Actual flush: 3822 gal.
12/10/05	4012'-4020'	<b>Frac GB4 sands as follows:</b> 19,329# 20/40 sand in 268 bbls lightning Frac 17 fluid. Treated @ avg press of 1347psi w/avg rate of 14.3 BPM. ISIP 1700 psi. Calc flush: 4010 gal. Actual flush: 3927 gal.
06/28/07		Pump Change. Update rod and tubing details.

### PERFORATION RECORD

12/05/05	5628'-5634'	4 JSPF	24 holes
12/05/05	5610'-5614'	4 JSPF	16 holes
12/09/05	5423'-5429'	4 JSPF	24 holes
12/09/05	5387'-5394'	4 JSPF	28 holes
12/09/05	5361'-5369'	4 JSPF	32 holes
12/09/05	4938'-4944'	4 JSPF	24 holes
12/10/05	4776'-4782'	4 JSPF	24 holes
12/10/05	4012'-4020'	4 JSPF	32 holes

**Federal 11-13-9-16**  
 1855' FSL & 2103' FWL  
 NE/SW Section 13-T9S-R16E  
 Duchesne County, Utah  
 API #43-013-32652; Lease #UTU-64805

## FEDERAL 13-13-9-16

Spud Date: 04/13/07  
 Put on Production: 05/23/07  
 GL: 5592' KB: 5604'

Initial Production: 53 BOPD,  
 3 MCFD, 88 BWPD

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (309.33')  
 DEPTH LANDED: 319.33' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt. est 4 bbls cmt to surf.

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 131 jts. (5793.19')  
 DEPTH LANDED: 5789.19' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 177 jts (5485.73')  
 TUBING ANCHOR: 5485.7' KB  
 NO. OF JOINTS: 2 jts (63.1')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5551.7' KB  
 NO. OF JOINTS: 2 jts (63.1')  
 TOTAL STRING LENGTH: EOT @ 5616' KB

#### SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods  
 SUCKER RODS: 1-4" x 3/4" pony rods, 1-6" x 3/4" pony rods, 1-8" x 3/4" pony rods, 99-3/4" guided rods, 106-3/4" sucker rods, 10-3/4" guided rods, 6-1 1/2" weight bars  
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16 x 20 RHAC  
 STROKE LENGTH: 120"  
 PUMP SPEED, SPM: 5

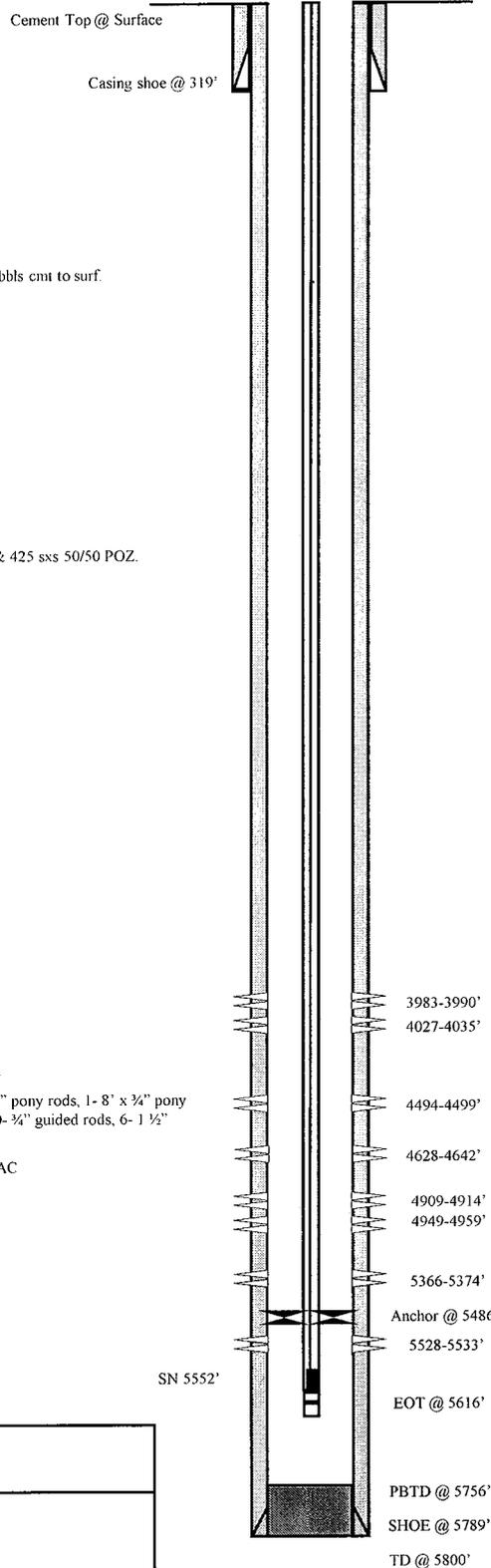
#### FRAC JOB

05/15/07	5528-5533'	<b>Frac CP3 sands as follows:</b> 14792# 20/40 sand in 265 bbls Lightning 17 frac fluid. Treated @ avg press of 2351 psi w/avg rate of 24.8 BPM. ISIP 2074 psi. Calc flush: 5526 gal. Actual flush: 5019 gal.
05/15/07	5366-5374'	<b>Frac CP1 sands as follows:</b> 40830# 20/40 sand in 346 bbls Lightning 17 frac fluid. Treated @ avg press of 1857 psi w/avg rate of 22.6 BPM. ISIP 1997 psi. Calc flush: 5364 gal. Actual flush: 4868 gal.
05/18/07	4909-4959'	<b>Frac A1&amp;3 sands as follows:</b> 67943# 20/40 sand in 542 bbls Lightning 17 frac fluid. Treated @ avg press of 1919 psi w/avg rate of 24.7 BPM. ISIP 1970 psi. Calc flush: 4907 gal. Actual flush: 4406 gal.
05/18/07	4628-4642'	<b>Frac C sands as follows:</b> 29975# 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 1884 psi w/avg rate of 24.7 BPM. ISIP 1910 psi. Calc flush: 4626 gal. Actual flush: 4124 gal.
05/18/07	4494-4499'	<b>Frac D1 sands as follows:</b> 14891# 20/40 sand in 237 bbls Lightning 17 frac fluid. Treated @ avg press of 1954 psi w/avg rate of 24.7 BPM. ISIP 1980 psi. Calc flush: 4492 gal. Actual flush: 3990 gal.
05/18/07	3983-4035'	<b>Frac GB4&amp;6 sands as follows:</b> 56438# 20/40 sand in 443 bbls Lightning 17 frac fluid. Treated @ avg press of 1550 psi w/avg rate of ? BPM. ISIP 1685 psi. Calc flush: 3981 gal. Actual flush: 3910 gal.

7/17/08 pump change. updated rod and tubing detail.  
 1/20/2010 Pump change. Updated rod and tubing detail.

#### PERFORATION RECORD

05/02/07	5528-5533'	4 JSPF	20 holes
05/15/07	5366-5374'	4 JSPF	32 holes
05/15/07	4949-4959'	4 JSPF	40 holes
05/15/07	4909-4914'	4 JSPF	20 holes
05/18/07	4628-4642'	4 JSPF	56 holes
05/18/07	4494-4499'	4 JSPF	20 holes
05/18/07	4027-4035'	4 JSPF	32 holes
05/18/07	3983-3990'	4 JSPF	28 holes





**FEDERAL 13-13-9-16**  
 555'FSL & 344' FWL  
 SW/SW Section 13-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32650; Lease # UTU-64805

## Federal 14-13-9-16

Spud Date: 8-16-05  
 Put on Production: 10-21-05  
 GL: 5581' KB: 5592'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (301.26')  
 DEPTH LANDED: 313.11' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 127 jts. (5656.84')  
 DEPTH LANDED: 5667.49' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP AT: 600'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 167 jts (5391')  
 TUBING ANCHOR: 5403' KB  
 NO. OF JOINTS: 1 jts (32.6')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5438.4' KB  
 NO. OF JOINTS: 1 jts (31.5')  
 GAS ANCHOR: 5471'  
 NO OF JOINTS: 3 jts (95.2')  
 TOTAL STRING LENGTH: EOT @ 5572' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM  
 SUCKER RODS: 1 - 2', 1 - 4', 1 - 12' x 3/4" pony sub, 113-3/4" guided rods, 80-3/4" sucker rods, 10-3/4" guided rods, 6-1 1/2" weight rods.  
 PUMP SIZE: 2-1/2" x 1-3/4" x 20' RHAC w/SM plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, 5 SPM

### FRAC JOB

10-06-05 4921-4932' **Frac A1 sands as follows:**  
 38723# 20/40 sand in 208 bbls Lightning 17 frac fluid. Treated @ avg press of 3220 psi w/avg rate of 14.2 BPM. ISIP 2060 psi. Actual flush: 1176 gal.

10-19-05 4582-4595' **Frac D2 sands as follows:**  
 75389# 20/40 sand in 595 bbls Lightning 17 frac fluid. Treated @ avg press of 1833 psi w/avg rate of 24.9 BPM. ISIP 2000 psi. Actual flush: 4376 gal.

10-19-05 4154-4162' **Frac PB8 sands as follows:**  
 29831# 20/40 sand in 340 bbls Lightning 17 frac fluid. Treated @ avg press of 2398 psi w/avg rate of 14.3 BPM. ISIP 2925 psi. Actual flush: 3898 gal.

10-19-05 3937-4005' **Frac GB4 sands as follows:**  
 60097# 20/40 sand in 447 bbls Lightning 17 frac fluid. Treated @ avg press of 1420 psi w/avg rate of 14.4 BPM. ISIP 1590 psi. Actual flush: 3864 gal.

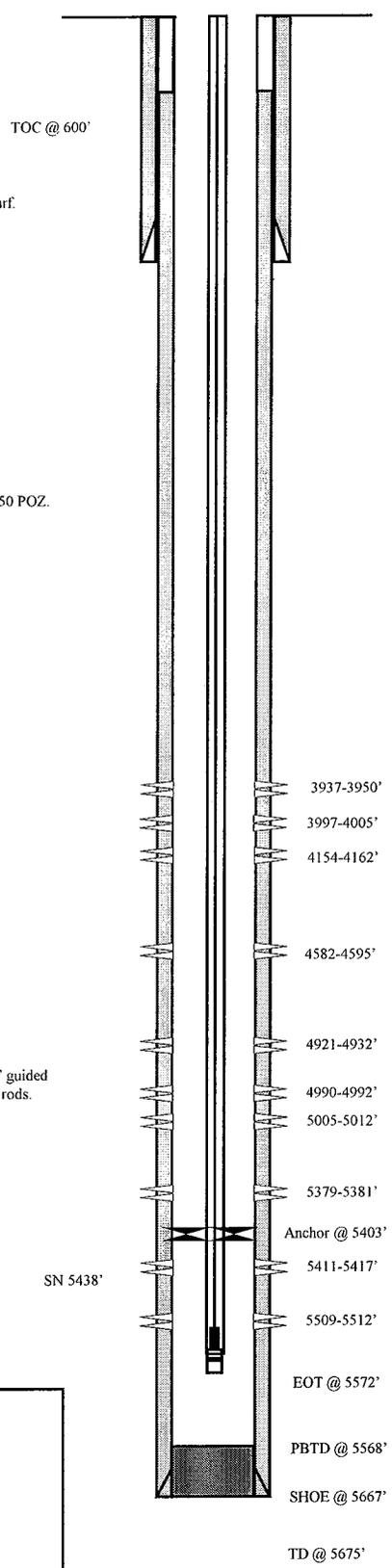
11-09-10 5379-5512' **Frac CP1, CP2, & CP3 sands as follows:**  
 13388# 20/40 sand in 123 bbls Lightning 17 fluid.

11-09-10 4990-5012' **Frac A3 sands as follows:** 22961# 20/40 sand in 207 bbls Lightning 17 fluid.

11-11-10  
 11/12/2010 **Re-Completion - updated detail**

### PERFORATION RECORD

10-04-05	4921-4932'	4 JSPF	44 holes
10-19-05	4582-4895'	4 JSPF	52 holes
10-19-05	4154-4162'	4 JSPF	32 holes
10-19-05	3937-3950'	4 JSPF	52 holes
10-19-05	3997-4005'	4 JSPF	32 holes
11-09-10	5509-5512'	3 JSPF	9 holes
11-09-10	5411-5417'	3 JSPF	18 holes
11-09-10	5379-5381'	3 JSPF	6 holes
11-09-10	5005-5012'	3 JSPF	21 holes
11-09-10	4990-4992'	3 JSPF	6 holes





**Federal 14-13-9-16**  
 819' FSL & 1940' FWL  
 SE/SW Section 13-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32649; Lease #UTU-64805

## Federal 16-13-9-16

Spud Date: 8-29-05  
Put on Production: 10-26-05

Initial Production: BOPD,  
MCFD, BWPD

GL: 5528' KB: 5539'

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (301 57')  
DEPTH LANDED: 313.42' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 132 jts (5871 95')  
DEPTH LANDED: 5885.2' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.  
CEMENT TOP AT: 500'

#### TUBING

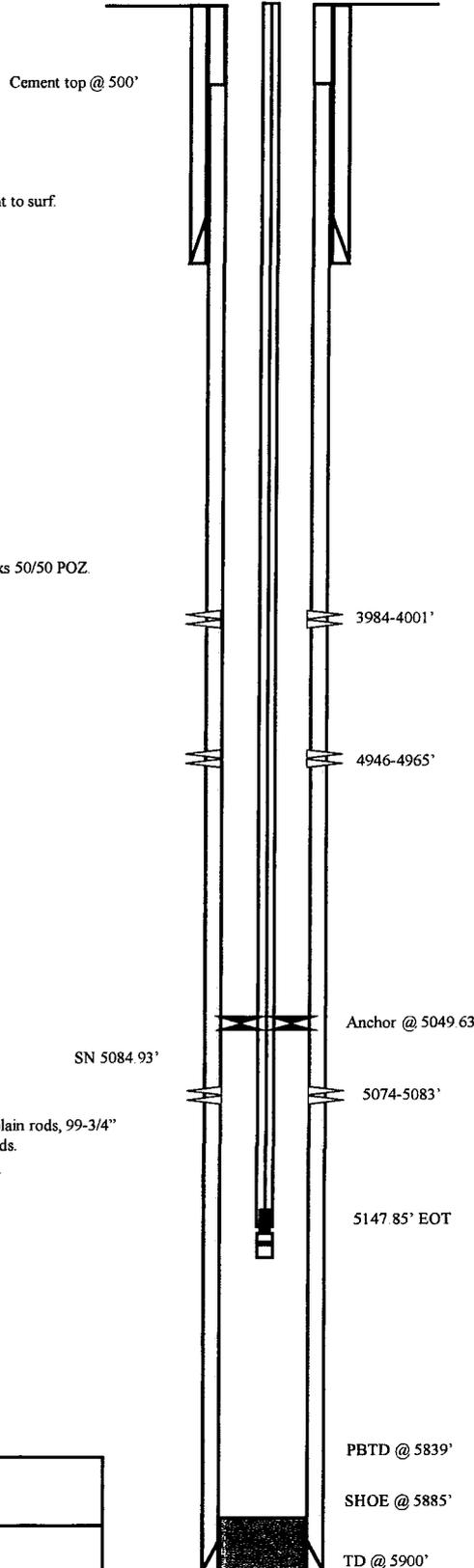
SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 155 jts (5049.63')  
TUBING ANCHOR: 5049.63'  
NO. OF JOINTS: 1 jts (32.50')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5084.93'  
NO. OF JOINTS: 2 jts (63.20')  
TOTAL STRING LENGTH: EOT @ 5147.85'

#### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 1-2', 4', 8' x 3/4" pony subs, 87-3/4" plain rods, 99-3/4" scraped rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.  
PUMP SIZE: 2 1/2" x 1 1/2" x 16" RHAC w/SM plunger  
STROKE LENGTH: 86"  
PUMP SPEED: 4.5 SPM

#### FRAC JOB

10-24-05	5074-5083'	<b>Frac LODC sands as follows:</b> 55032# 20/40 sand in 529 bbls Lightning 17 frac fluid. Treated @ avg press of 2738 psi w/avg rate of 25.1 BPM. ISIP 3200 psi. Calc flush: 5072 gal Actual flush: 4830 gal.
10-24-05	4946-4965'	<b>Frac A3 sands as follows:</b> 100665# 20/40 sand in 716 bbls Lightning 17 frac fluid. Treated @ avg press of 1750 psi w/avg rate of 25.1 BPM. ISIP 1950 psi. Calc flush: 4944 gal. Actual flush: 4654 gal.
10-24-05	3984-4001'	<b>Frac GB6 sands as follows:</b> 93364# 20/40 sand in 1820 bbls Lightning 17 frac fluid. Treated @ avg press of 1598 psi w/avg rate of 25.2 BPM. ISIP 1820 psi. Calc flush: 3982 gal Actual flush: 3906 gal.
7-30-07		Pump change. Updated rod & tubing detail.



#### PERFORATION RECORD

10-18-05	5074-5083'	4 JSPF	36 holes
10-24-05	4946-4965'	4 JSPF	76 holes
10-24-05	3984-4001'	4 JSPF	68 holes

**NEWFIELD**

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

656' FSL & 661' FEL

SE/SE Section 16-T9S-R16E

Duchesne Co, Utah

API #43-013-32647 ; Lease #UTU-64805

## FEDERAL 13-18-9-16

Spud Date: 10/04/07  
 Put on Production: 11/02/07  
 GL: 6126' KB: 6138'

### Injection Wellbore Diagram

#### SURFACE CASING

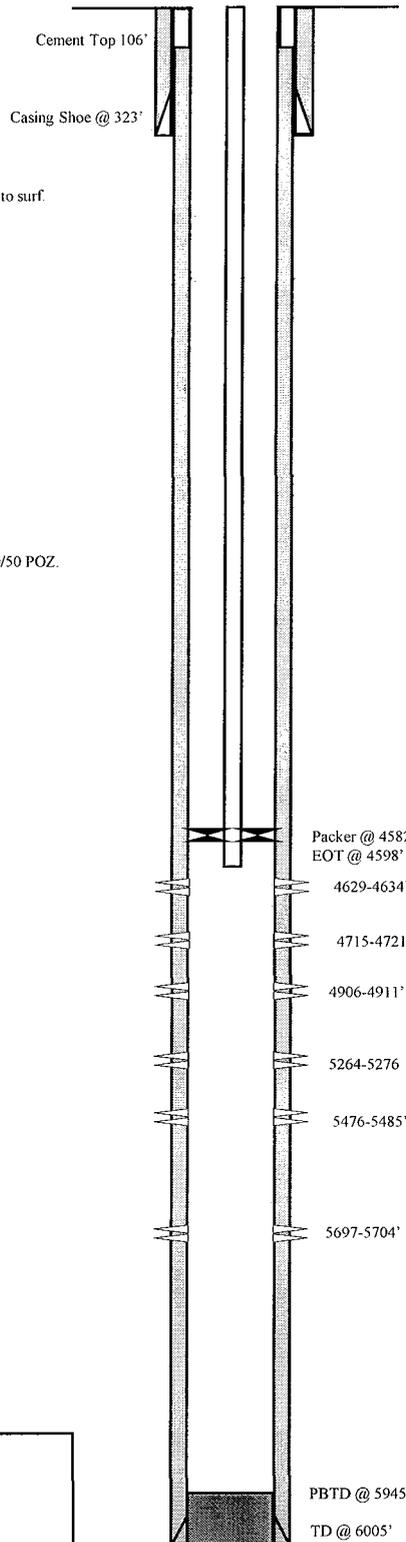
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (312.56')  
 DEPTH LANDED: 323.46' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 1- 160, sxs Class "G" cmt, est 5 bbls cmt to surf.

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 154 jts. (5971.92')  
 DEPTH LANDED: 5985.17' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP: 106'

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 148 jts. (4577.3')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4589.3' KB  
 CE @ 4581.62'  
 TOTAL STRING LENGTH: EOT @ 4598' KB



#### FRAC JOB

10/30/07 5697-5704' **Frac CP3 sands as follows:**  
 14620# 20/40 sand in 297 bbls Lightning 17 frac fluid. Treated @ avg press of 1905 psi w/avg rate of 24.8 BPM. ISIP 1650 psi. Calc flush: 5695 gal. Actual flush: 5191 gal.

10/30/07 5476-5485' **Frac LODC sands as follows:**  
 14860# 20/40 sand in 283 bbls Lightning 17 frac fluid. Treated @ avg press of 2275 psi w/avg rate of 24.8 BPM. ISIP 2160 psi. Calc flush: 5474 gal. Actual flush: 4969 gal.

10/30/07 5264-5276' **Frac LODC sands as follows:**  
 84724# 20/40 sand in 672 bbls Lightning 17 frac fluid. Treated @ avg press of 1940 psj w/avg rate of 24.8 BPM. ISIP 2205 psi. Calc flush: 5262 gal. Actual flush: 4759 gal.

10/30/07 4906-4911' **Frac B2 sands as follows:**  
 19569# 20/40 sand in 313 bbls Lightning 17 frac fluid. Treated @ avg press of 2260 psi w/avg rate of 24.8 BPM. ISIP 1845 psi. Calc flush: 4904 gal. Actual flush: 4402 gal.

10/30/07 4715-4721' **Frac D3 sands as follows:**  
 24711# 20/40 sand in 342 bbls Lightning 17 frac fluid. Treated @ avg press of 1960 psi w/avg rate of 24.8 BPM. ISIP 1890 psi. Calc flush: 4713 gal. Actual flush: 4250 gal.

10/30/07 4629-4634' **Frac D1 sands as follows:**  
 17447# 20/40 sand in 270 bbls Lightning 17 frac fluid. Treated @ avg press of 2298 psi w/avg rate of 24.8 BPM. ISIP 2150 psi. Calc flush: 4627 gal. Actual flush: 4536 gal.

12/15/10 **Tubing Leak.** Rod & tubing updated.

8/29/11 **Tubing Leak.** Rod & tubing detail updated.

04/11/12 **Convert to Injection Well**

04/17/12 **Conversion MIT Finalized** - update tbq detail

#### PERFORATION RECORD

Date	Interval	Tool	Holes
10/25/07	5697-5704'	4 JSPF	28 holes
10/30/07	5476-5485'	4 JSPF	36 holes
10/30/07	5264-5276'	4 JSPF	48 holes
10/30/07	4906-4911'	4 JSPF	20 holes
10/30/07	4715-4721'	4 JSPF	24 holes
10/30/07	4629-4634'	4 JSPF	20 holes



**FEDERAL 13-18-9-16**

674'FSL & 364' FWL  
 SW/SW Section 18-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32999; Lease # UTU-64379

## Federal 1-24-9-16

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

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (311.69')  
 DEPTH LANDED: 323.45'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

#### PRODUCTION CASING

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

#### TUBING

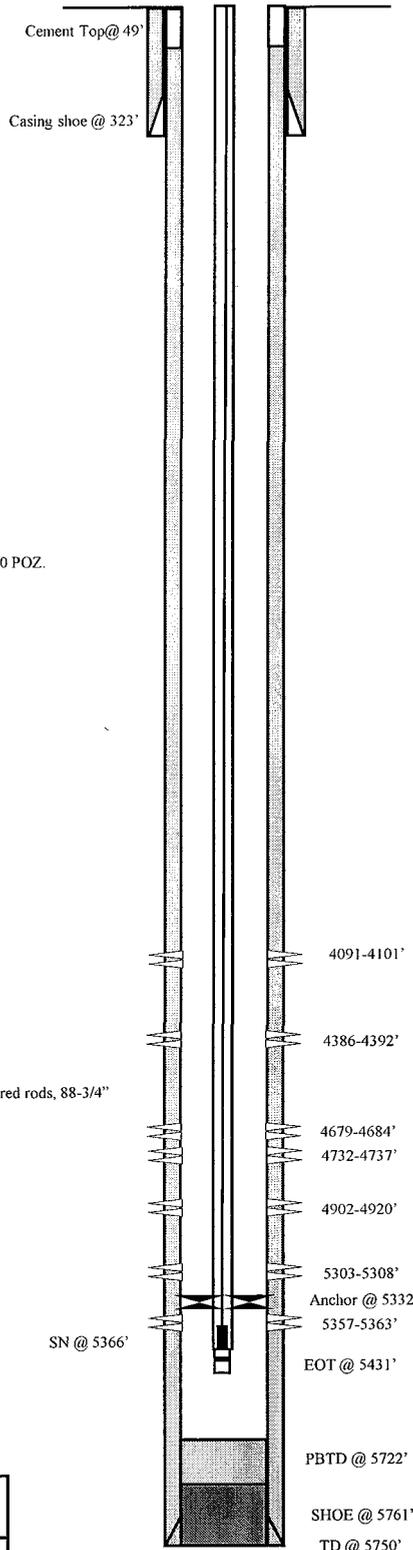
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 169 jts (5319.90')  
 TUBING ANCHOR: 5331.90'  
 NO. OF JOINTS: 1 jts (31.54')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5366.24' KB  
 NO. OF JOINTS: 2 jts (62.96')  
 TOTAL STRING LENGTH: EOT @ 5430.75' w/12' KB

#### SUCKER RODS

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

#### FRAC JOB

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



#### PERFORATION RECORD

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

**NEWFIELD**

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

## FEDERAL 2-24-9-16

Spud Date: 10/11/07  
Put on Production: 10/16/07

Initial Production: BOPD,  
MCFD, BWPD

GL: 5559' KB: 5571'

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (310.63')  
DEPTH LANDED: 322.48' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 4 bbls cmt to surf.

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 148 jts. (5720.99')  
DEPTH LANDED: 5734.24' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
CEMENT TOP: 40'

#### TUBING

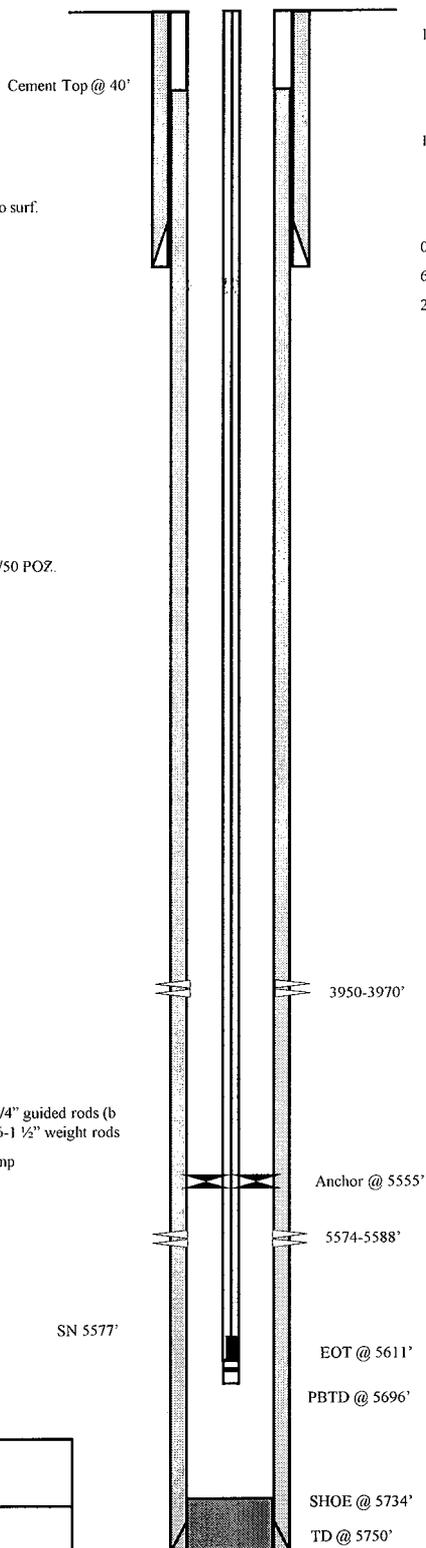
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 173 jts (5543.7')  
TUBING ANCHOR: 5555.65' KB  
NO. OF JOINTS: 1 jts (30.9')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5577.4' KB  
NO. OF JOINTS: 1 jts (31.6')  
2 7/8" NC (.45')  
TOTAL STRING LENGTH: EOT @ 5611' KB

#### SUCKER RODS

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

#### FRAC JOB

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



#### PERFORATION RECORD

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

**NEWFIELD**

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

595' FNL & 2010' FEL

NW/NE Section 24-T9S-R16E

Duchesne Co, Utah

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

Federal 3-24-9-16

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

Initial Production: 56.4 BOPD,  
 25.0 MCFD, 34.3 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH 7 jts (311')  
 DEPTH LANDED: 320'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

**PRODUCTION CASING**

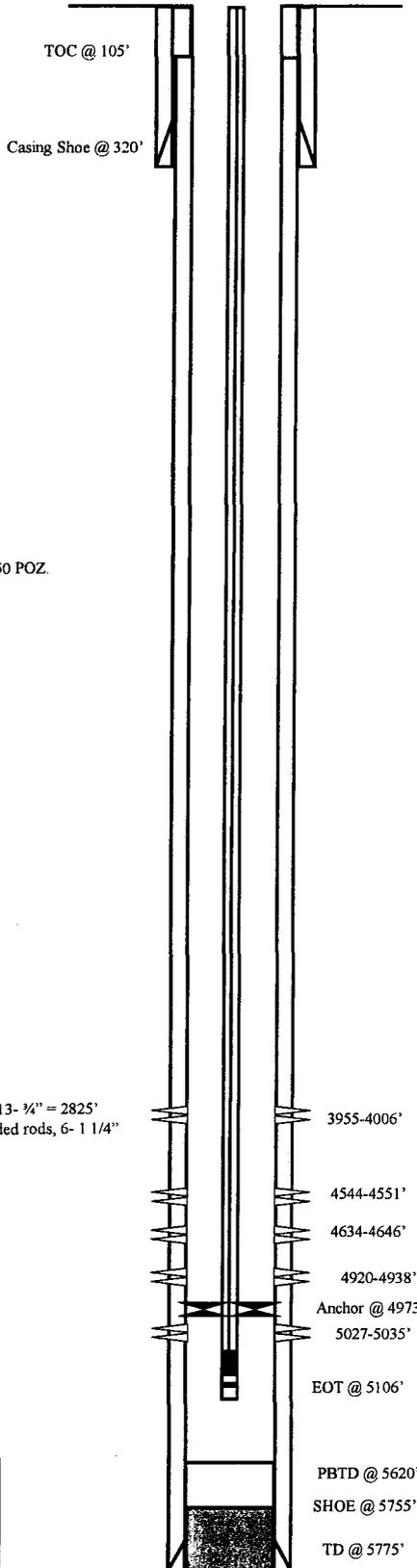
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 148 jts (5741')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 5754.72'  
 CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 105'

**TUBING**

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

**SUCKER RODS**

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



**FRAC JOB**

11-7-07	5027-5035'	<b>Frac LODC sands as follows:</b> 15,380# 20/40 sand in 274 bbls Lightning 17 fluid. Treat at 3260 psi @ 22.5 BPM. ISIP 2956 psi. Calc flush: 5025 gal. Actual flush: 4519 gal.
11-16-07	4920-4938'	<b>Frac A1 sands as follows:</b> 90,793# 20/40 sand in 690 bbls Lightning 17 fluid. Treat at 2002 psi @ 24.75 BPM. ISIP 2240 psi. Calc flush: 4918 gal. Actual flush: 4414 gal.
11-16-07	4634-4646'	<b>Frac C sands as follows:</b> Frac with 49,940 # 20/40 sand in 449 bbls Lightning 17 fluid. Treat at 1978 psi @ 24.8 BPM. ISIP 1897 psi. Calc flush: 4632 gal. Actual flush: 4129 gal.
11-16-07	4544-5441'	<b>Frac D2 sand as follows:</b> Frac with 14,138# 20/40 sand in 261 bbls Lightning 17 fluid. Treat at 2280psi @ 24.9 BPM. ISIP 1934 psi. Calc flush: 4542 gal. Actual flush: 3952 gal.
11-16-07	3995-4006'	<b>Frac GB-6 sands as follows:</b> Frac with 38,509# 20/40 sand in 377 bbls Lightning 17 fluid. Treat at 1729 psi @ 24.8 BPM. ISIP 1934 psi. Calc flush: 3993 gal. Actual flush: 4032 gal.
7/6/09		Major Workover. Updated rod & tubing detail.
5/4/2010		Tubing leak. Updated rod and tubing detail.
6/9/2011		Tubing leak. Updated rod & tubing detail.

**PERFORATION RECORD**

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

**NEWFIELD**

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

## FEDERAL 7-24-9-16

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

Initial Production: BOPD,  
 MCFD, BWPD

### Wellbore Diagram

#### SURFACE CASING

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

#### PRODUCTION CASING

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

#### TUBING

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

#### SUCKER RODS

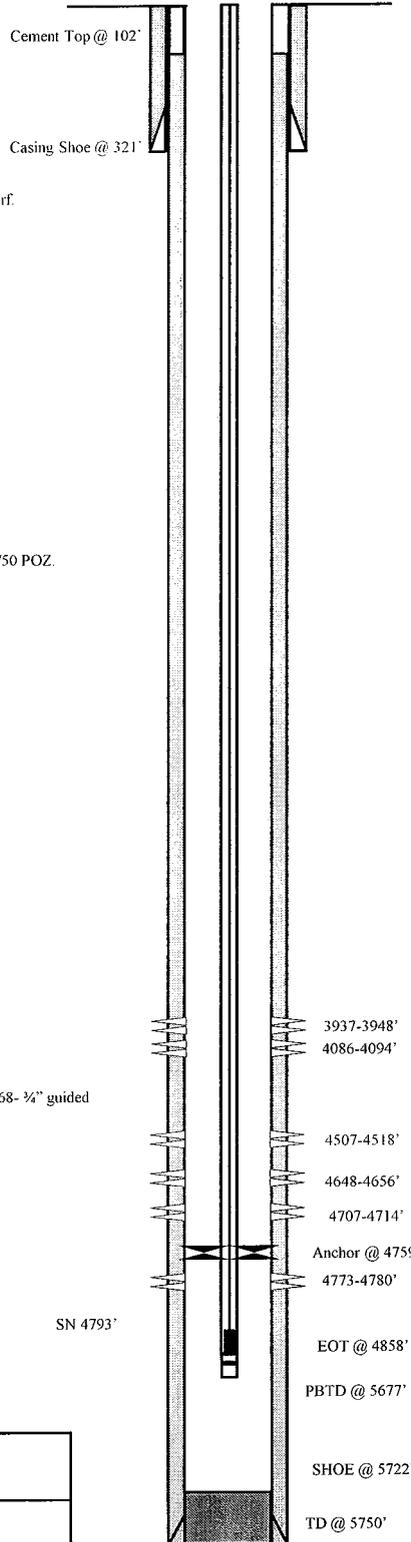
POLISHED ROD: 1-1/2" x 26' polished rods  
 SUCKER RODS: 1-8", x 3/4" pony rods, 101-3/4" guided rods, 68- 3/4" guided rods, 16- 3/4" guided rods, 6-1 1/2" weight rods.  
 PUMP SIZE: CDI 2-1/2" x 1-1/2", 14' x 18" RHAC  
 STROKE LENGTH: 122"  
 PUMP SPEED, SPM: 5

#### FRAC JOB

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

#### PERFORATION RECORD

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





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

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**  
Well Name: **BELUGA INJECTION**  
Sample Point: **After production filter**  
Sample Date: **12/9/2011**  
Sample ID: **WA-204146**

Sales Rep: **Darren Betts**  
Lab Tech: **Gary Peterson**

Scaling potential predicted using ScaleSoftPitzer from  
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations		Anions	
		mg/L		mg/L	
Test Date:	12/9/2011	Sodium (Na):	13791.93	Chloride (Cl):	20000.00
System Temperature 1 (°F):	300.00	Potassium (K):	35.40	Sulfate (SO4):	480.00
System Pressure 1 (psig):	3000.00	Magnesium (Mg):	13.30	Bicarbonate (HCO3):	1854.40
System Temperature 2 (°F):	70.00	Calcium (Ca):	38.50	Carbonate (CO3):	0.00
System Pressure 2 (psig):	14.70	Strontium (Sr):	0.00	Acetic Acid (CH3COO)	0.00
Calculated Density (g/ml):	1.02	Barium (Ba):	6.73	Propionic Acid (C2H5COO)	0.00
pH:	8.60	Iron (Fe):	15.50	Butanoic Acid (C3H7COO)	0.00
Calculated TDS (mg/L):	36236.98	Zinc (Zn):	0.00	Isobutyric Acid ((CH3)2CHCOO)	0.00
CO2 in Gas (%):	0.00	Lead (Pb):	0.81	Fluoride (F):	0.00
Dissolved CO2 (mg/L):	0.00	Ammonia NH3:	0.00	Bromine (Br):	0.00
H2S in Gas (%):	0.00	Manganese (Mn):	0.41	Silica (SiO2):	0.00
H2S in Water (mg/L):	25.00				

Notes:

P=15.5 mg/l

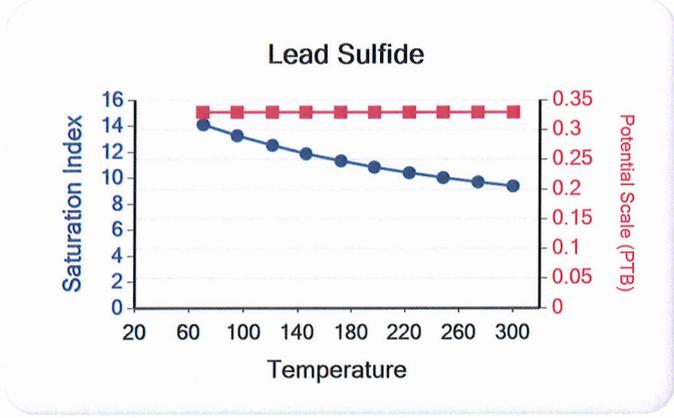
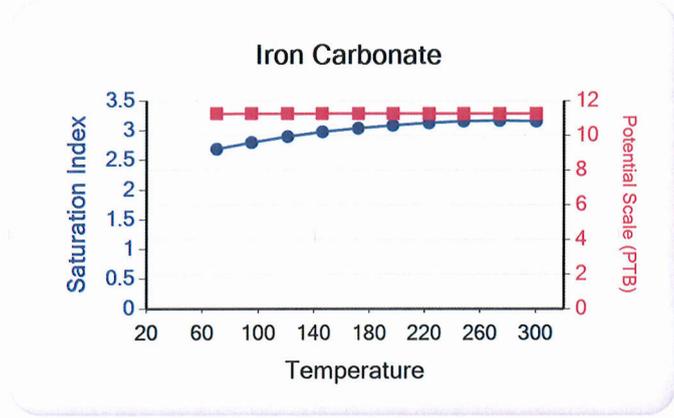
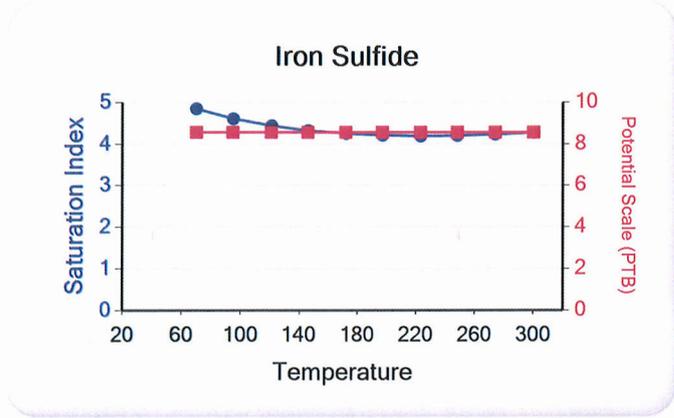
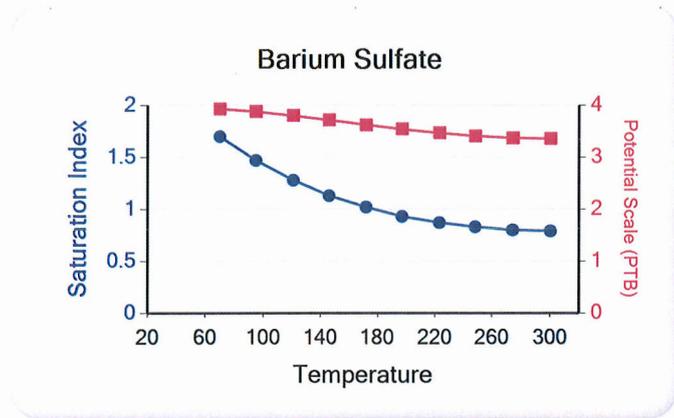
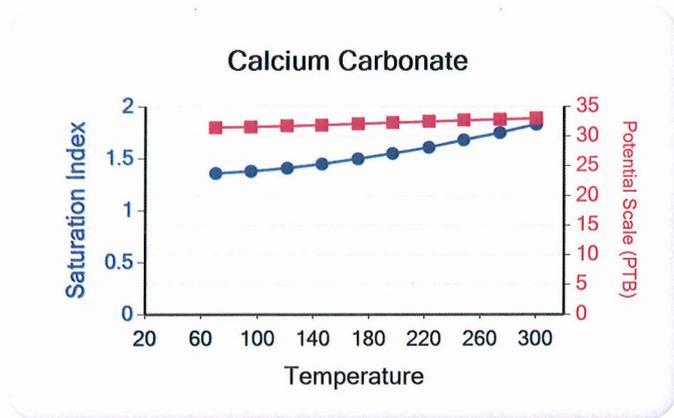
(PTB = Pounds per Thousand Barrels)

Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	1.36	31.45	1.70	3.93	4.85	8.55	2.69	11.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	346	1.38	31.56	1.47	3.87	4.61	8.55	2.80	11.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	678	1.41	31.71	1.28	3.80	4.44	8.55	2.90	11.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	1.45	31.89	1.13	3.71	4.32	8.55	2.98	11.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	1.50	32.08	1.02	3.62	4.25	8.55	3.04	11.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	1.55	32.28	0.93	3.54	4.21	8.55	3.09	11.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	1.61	32.48	0.87	3.46	4.19	8.55	3.13	11.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	1.68	32.68	0.83	3.41	4.20	8.55	3.16	11.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	1.75	32.85	0.80	3.37	4.23	8.55	3.17	11.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	1.83	33.00	0.79	3.35	4.27	8.55	3.16	11.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Temp (°F)	PSI	Hemihydrate CaSO4·0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.14	0.33	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.28	0.33	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.54	0.33	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.89	0.33	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.34	0.33	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.85	0.33	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.42	0.33	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.04	0.33	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.70	0.33	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.39	0.33	0.00	0.00	0.00	0.00	0.00	0.00

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Lead Sulfide

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Lead Sulfide



Units of Measurement: **Standard**

**Water Analysis Report**

Production Company: **NEWFIELD PRODUCTION**  
Well Name: **FEDERAL 15-13-9-16**  
Sample Point: **Treater**  
Sample Date: **5/15/2012**  
Sample ID: **WA-215010**

Sales Rep: **Michael McBride**  
Lab Tech: **Gary Peterson**

Scaling potential predicted using ScaleSoftPitzer from Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations		Anions	
		mg/L		mg/L	
Test Date:	6/5/2012	Sodium (Na):	8308.47	Chloride (Cl):	10200.00
System Temperature 1 (°F):	160.00	Potassium (K):	30.00	Sulfate (SO <sub>4</sub> ):	130.00
System Pressure 1 (psig):	60.0000	Magnesium (Mg):	5.90	Bicarbonate (HCO <sub>3</sub> ):	4416.40
System Temperature 2 (°F):	160.00	Calcium (Ca):	2.00	Carbonate (CO <sub>3</sub> ):	0.00
System Pressure 2 (psig):	60.0000	Strontium (Sr):	0.00	Acetic Acid (CH <sub>3</sub> COO):	0.00
Calculated Density (g/ml):	1.013	Barium (Ba):	2.60	Propionic Acid (C <sub>2</sub> H <sub>5</sub> COO):	0.00
pH:	9.50	Iron (Fe):	0.05	Butanoic Acid (C <sub>3</sub> H <sub>7</sub> COO):	0.00
Calculated TDS (mg/L):	23095.50	Zinc (Zn):	0.00	Isobutyric Acid ((CH <sub>3</sub> ) <sub>2</sub> CHCOO):	0.00
CO <sub>2</sub> in Gas (%):	0.00	Lead (Pb):	0.06	Fluoride (F):	
Dissolved CO <sub>2</sub> (mg/L):	0.00	Ammonia NH <sub>3</sub> :		Bromine (Br):	
H <sub>2</sub> S in Gas (%):	0.00	Manganese (Mn):	0.02	Silica (SiO <sub>2</sub> ):	
H <sub>2</sub> S in Water (mg/L):	30.00				

**Notes:**

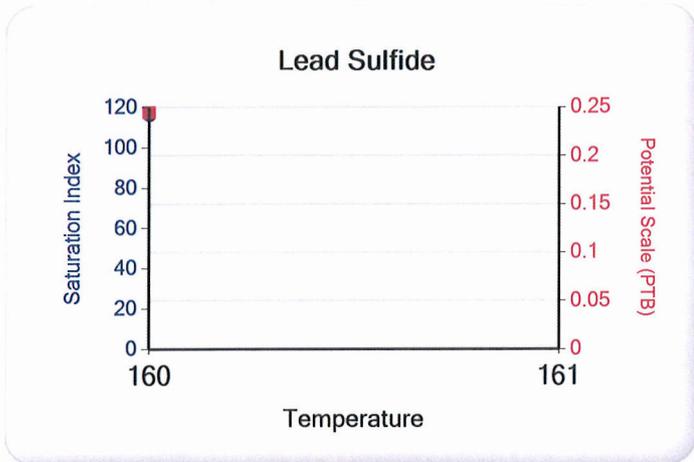
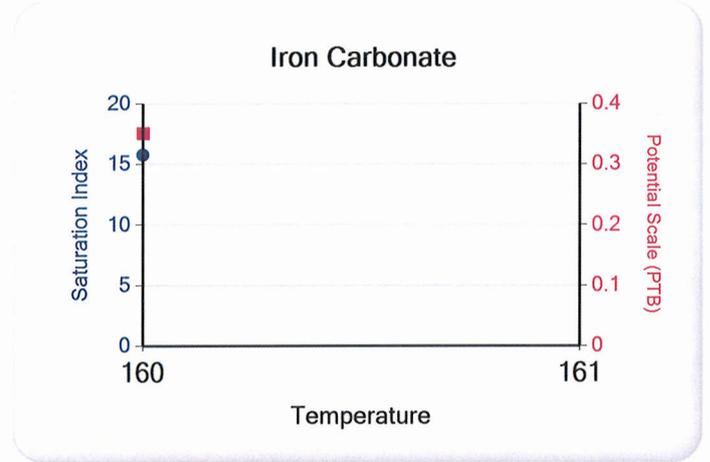
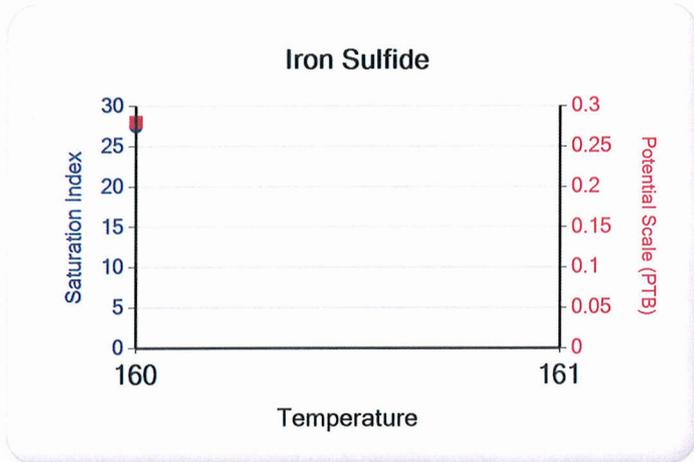
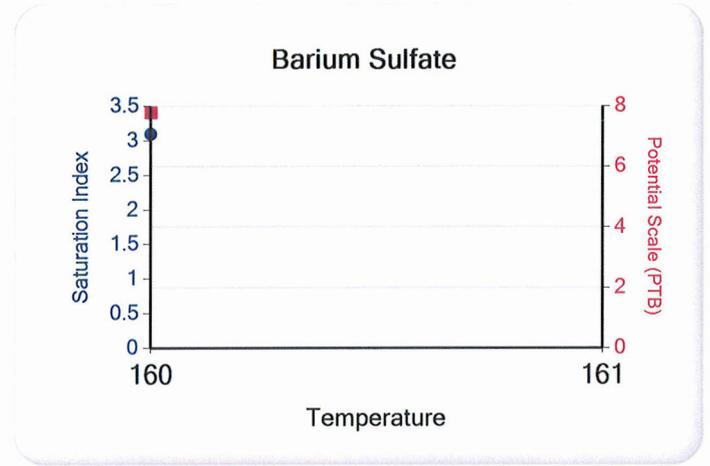
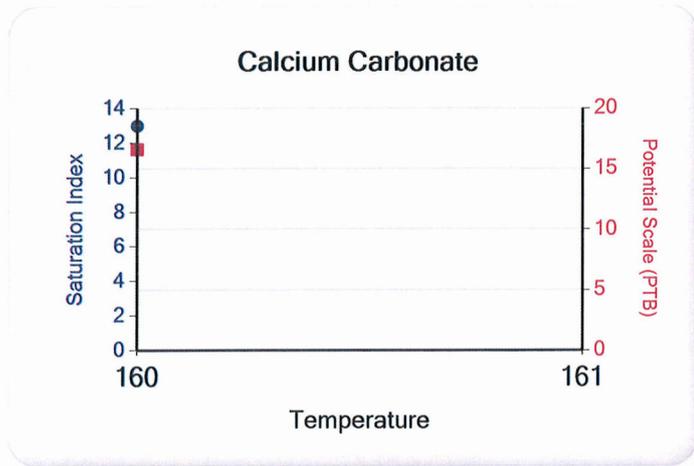
(PTB = Pounds per Thousand Barrels)

Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO <sub>4</sub> ·2H <sub>2</sub> O		Celestite SrSO <sub>4</sub>		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
160.00	60.00	1.30	1.66	0.31	0.78	2.75	0.03	1.58	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	1.30	1.66	0.31	0.78	2.75	0.03	1.58	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	1.30	1.66	0.31	0.78	2.75	0.03	1.58	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	1.30	1.66	0.31	0.78	2.75	0.03	1.58	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	1.30	1.66	0.31	0.78	2.75	0.03	1.58	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	1.30	1.66	0.31	0.78	2.75	0.03	1.58	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	1.30	1.66	0.31	0.78	2.75	0.03	1.58	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	1.30	1.66	0.31	0.78	2.75	0.03	1.58	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	1.30	1.66	0.31	0.78	2.75	0.03	1.58	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	1.30	1.66	0.31	0.78	2.75	0.03	1.58	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Temp (°F)	PSI	Hemihydrate CaSO <sub>4</sub> ·0.5H <sub>2</sub> O		Anhydrate CaSO <sub>4</sub>		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.62	0.02	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.62	0.02	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.62	0.02	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.62	0.02	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.62	0.02	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.62	0.02	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.62	0.02	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.62	0.02	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.62	0.02	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.62	0.02	0.00	0.00	0.00	0.00	0.00	0.00

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Lead Sulfide

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Lead Sulfide



**Attachment "G"**

**Federal #15-13-9-16  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5364	5410	5387	2400	0.88	2365
4653	4659	4656	2850	1.05	2820
4486	4490	4488	1850	0.85	1821
4142	4156	4149	3200	1.21	3173
3924	3938	3931	1500	0.82	1475
				<b>Minimum</b>	<u><u>1475</u></u> ←

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

$$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$$

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



DAILY COMPLETION REPORT

WELL NAME: Federal 15-13-9-16 Report Date: 19-Nov-05 Day: 01
Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 320' Prod Csg: 5-1/2" @ 5791' Csg PBTD: 5699'WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Includes data for CP1 sds (5364-5372', 4/32) and CP2 sds (5404-5410', 4/24).

CHRONOLOGICAL OPERATIONS

Date Work Performed: 18-Nov-05 SITP: SICP: 0

Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5699' & cement top @ 170'. Perforate stage #1, CP2 sds @ 5404- 5410', CP1 sds @ 5364- 5372' w/ 4" Port guns (19 gram, .46"HE. 120 ) w. 4 spf for total of 56 shots. 125 bbls EWTR. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 125 Starting oil rec to date:
Fluid lost/recovered today: 0 Oil lost/recovered today:
Ending fluid to be recovered: 125 Cum oil recovered:
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

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

COSTS

- Weatherford BOP
NPC NU crew
NDSI trucking
Perforators LLC
Drilling cost
Zubiate hot oil
Location preparation
NPC wellhead
Benco - anchors
Admin. Overhead
NPC Supervisor

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

Completion Supervisor: Orson Barney

DAILY COST: \$0
TOTAL WELL COST:



## DAILY COMPLETION REPORT

**WELL NAME:** Federal 15-13-9-16      **Report Date:** 1-Dec-05      **Day:** 2  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 320'      **Prod Csg:** 5-1/2" @ 5791'      **Csg PBTD:** 5699'WL  
**Tbg:** **Size:** \_\_\_\_\_ **Wt:** \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** 4758'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<b>C sds</b>	<b>4653-4659'</b>	<b>4/24</b>			
<b>CP1 sds</b>	<b>5364- 5372'</b>	<b>4/32</b>			
<b>CP2 sds</b>	<b>5404- 5410'</b>	<b>4/24</b>			

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 30-Nov-05      **SITP:** \_\_\_\_\_ **SICP:** 40

RU BJ Services "Ram Head" frac flange. RU BJ & frac stage #1, CP sds down casing w/ 44,747#'s of 20/40 sand ir 479 bbls of Lightning 17 frac fluid. Open well w/ 40 psi on casing. Perfs broke down @ 2380 psi, back to 2000 psi Treated @ ave pressure of 2020 w/ ave rate of 24.7 bpm w/ 6.5 ppg of sand. Spot 5 bbls of 15% HCL in flush for the next stage. ISIP was 2400. 604 bbls EWTR. Leave pressure on well. RU Lone Wolf WLT, crane & lubricator. RIH w. Weatherford 5-1/2" composite flow through frac plug & 6' perf gun. Set plug @ 4758'. Perforate C sds @ 4653-4659 w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90 ) w/ 4 spf for total of 24 shots. SIFN.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 125      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 479      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 604      **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:** CP2 & CP1 sds down casing

- \_\_\_\_\_ 4820 gals of pad
- \_\_\_\_\_ 3218 gals w/ 1-4 ppg of 20/40 sand
- \_\_\_\_\_ 6420 gals w/ 4-6.5 ppg of 20/40 sand
- \_\_\_\_\_ 274 gals w/ 6.5 ppg of 20/40 sand
- \_\_\_\_\_ 210 gals of 15% HCL acid
- \_\_\_\_\_ Flush w/ 5376 gals of slick water

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

**Max TP:** 2383      **Max Rate:** 25      **Total fluid pmpd:** 479 bbls  
**Avg TP:** 2020      **Avg Rate:** 24.7      **Total Prop pmpd:** 44,747#'s  
**ISIP:** 2400      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** .88

**Completion Supervisor:** Ron Shuck

### COSTS

- \_\_\_\_\_ Weatherford BOP
- \_\_\_\_\_ Weatherford Services
- \_\_\_\_\_ Betts frac water
- \_\_\_\_\_ NPC fuel gas
- \_\_\_\_\_ BJ Services CP sds
- \_\_\_\_\_ NPC Supervisor
- \_\_\_\_\_ Lone Wolf C sds

**DAILY COST:** \_\_\_\_\_ \$0

**TOTAL WELL COST:** \_\_\_\_\_

# NEWFIELD



**ATTACHMENT** G-1  
3af9

## DAILY COMPLETION REPORT

**WELL NAME:** Federal 15-13-9-16      **Report Date:** 2-Dec-05      **Day:** 3a  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 320'      **Prod Csg:** 5-1/2" @ 5791'      **Csg PBTD:** 5699'WL  
**Tbg:** Size: \_\_\_\_\_ Wt: \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** 4590'  
**Plug** 4758'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	4486-4490'	4/16			
C sds	4653-4659'	4/24			
CP1 sds	5364- 5372'	4/32			
CP2 sds	5404- 5410'	4/24			

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 01-Dec-05      **SITP:** \_\_\_\_\_ **SICP:** 1180

Day3a.

Thaw wellhead out. RU BJ & frac stage #2 w/ 19,588#'s of 20/40 sand in 267 bbls of Lightning 17 frac fluid. Oper well w/ 1180 psi on casing. Perfs broke down @ 3014 psi, back to 2200 psi. Treated @ ave pressure of 2290 w/ ave rate of 24.7 bpm w/ 6.5 ppg of sand. Spot 5 bbls of 15% HCL in flush for the next stage. ISIP was 2850. 871 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 4' perf gun. Set plug @ 4590'. Perforate D1 sds @ 4486-4490' w/ 4 spf for total of 16 shots. **See day3b.**

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 604      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 267      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 871      **Cum oil recovered:** \_\_\_\_\_  
**IFL:** \_\_\_\_\_ **FFL:** \_\_\_\_\_ **FTP:** \_\_\_\_\_ **Choke:** \_\_\_\_\_ **Final Fluid Rate:** \_\_\_\_\_ **Final oil cut:** \_\_\_\_\_

### STIMULATION DETAIL

### COSTS

**Base Fluid used:** Lightning 17      **Job Type:** Sand frac  
**Company:** BJ Services  
**Procedure or Equipment detail:** C sds down casing

Weatherford BOP	_____
Weatherford Services	_____
Betts frac water	_____
NPC fuel gas	_____
BJ Services C sds	_____
NPC Supervisor	_____
Lone Wolf D1 sds	_____
D&M Hot Oil	_____
	_____
	_____
	_____

2016 gals of pad  
1511 gals w/ 1-4 ppg of 20/40 sand  
2773 gals w/ 4-6.5 ppg of 20/40 sand  
210 gals of 15% HCL acid  
Flush w/ 4702 gals of slick water

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

**Max TP:** 2522      **Max Rate:** 25      **Total fluid pmpd:** 267 bbls  
**Avg TP:** 2290      **Avg Rate:** 24.7      **Total Prop pmpd:** 19,588#'s  
**ISIP:** 2850      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** 1.04

**Completion Supervisor:** Ron Shuck

**DAILY COST:** \_\_\_\_\_ **\$0**  
**TOTAL WELL COST:** \_\_\_\_\_



## DAILY COMPLETION REPORT

**WELL NAME:** Federal 15-13-9-16      **Report Date:** 2-Dec-05      **Day:** 3b  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 320'      **Prod Csg:** 5-1/2" @ 5791'      **Csg PBTD:** 5699'WL  
**Tbg:** **Size:** \_\_\_\_\_ **Wt:** \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** 4260'  
**Plug** 4758' 4590'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<u>PB8 sds</u>	<u>4142-4156'</u>	<u>4/56</u>	_____	_____	_____
<u>D1 sds</u>	<u>4486-4490'</u>	<u>4/16</u>	_____	_____	_____
<u>C sds</u>	<u>4653-4659'</u>	<u>4/24</u>	_____	_____	_____
<u>CP1 sds</u>	<u>5364- 5372'</u>	<u>4/32</u>	_____	_____	_____
<u>CP2 sds</u>	<u>5404- 5410'</u>	<u>4/24</u>	_____	_____	_____

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 01-Dec-05      **SITP:** \_\_\_\_\_ **SICP:** 1760

Day3b.

RU BJ & perfs won't break down. RIH & spot 10 gls of 15% HCL acid on perfs. RU BJ & frac stage #3 w/ 19,605#'s of 20/40 sand in 262 bbls of Lightning 17 frac fluid. Open well w/ 1760 psi on casing. Perfs broke down @ 3686 psi back to 1860 psi. Treated @ ave pressure of 1827 w/ ave rate of 24.7 bpm w/ 6.5 ppg of sand. Spot 5 bbls of 15% HCL in flush for the next stage. ISIP was 1850. 1133 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 14' perf gun. Set plug @ 4260'. Perforate PB8 sds @ 4142-4156' w/ 4 spf for total of 56 shots. **See day3c.**

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 871      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 262      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1133      **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:** D sds down casing

- \_\_\_\_\_ 2016 gals of pad
- \_\_\_\_\_ 1511 gals w/ 1-4 ppg of 20/40 sand
- \_\_\_\_\_ 2773 gals w/ 4-6.5 ppg of 20/40 sand
- \_\_\_\_\_ 210 gals of 15% HCL acid
- \_\_\_\_\_ Flush w/ 4494 gals of slick water

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

**Max TP:** 2051      **Max Rate:** 25      **Total fluid pmpd:** 262 bbls  
**Avg TP:** 1827      **Avg Rate:** 24.7      **Total Prop pmpd:** 19,605#'s  
**ISIP:** 1850      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** .85

**Completion Supervisor:** Ron Shuck

### COSTS

Weatherford BOP \_\_\_\_\_  
Weatherford Services \_\_\_\_\_  
Betts frac water \_\_\_\_\_  
NPC fuel gas \_\_\_\_\_  
BJ Services D1 sds \_\_\_\_\_  
NPC Supervisor \_\_\_\_\_  
Lone Wolf PB8 sds \_\_\_\_\_  
  
**DAILY COST:** \_\_\_\_\_ **\$0**

**TOTAL WELL COST:** \_\_\_\_\_





## DAILY COMPLETION REPORT

**WELL NAME:** Federal 15-13-9-16      **Report Date:** 2-Dec-05      **Day:** 3d  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 320'      **Prod Csg:** 5-1/2" @ 5791'      **Csg PBDT:** 5699'WL  
**Tbg:** Size: \_\_\_\_\_ **Wt:** \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBDT:** 4040'  
**Plug** 4758' 4590' 4260'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	3924-3938'	4/56			
PB8 sds	4142-4156'	4/56			
D1 sds	4486-4490'	4/16			
C sds	4653-4659'	4/24			
CP1 sds	5364- 5372'	4/32			
CP2 sds	5404- 5410'	4/24			

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 01-Dec-05      **SITP:** \_\_\_\_\_ **SICP:** 1880

Day3d.

RU BJ & frac stage #5 w/ 30,034#'s of 20/40 sand in 312 bbls of Lightning 17 frac fluid. Open well w/ 1880 psi or casing. Perfs broke down @ 4180 psi, back to 1747 psi. Treated @ ave pressure of 1314 w/ ave rate of 14.2 bpm w/ 6.5 ppg of sand. ISIP was 1500. 1991 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 2 hours & died w/ 140 bbls rec'd. SIFN.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 1991      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 140      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1851      **Cum oil recovered:** \_\_\_\_\_  
**IFL:** \_\_\_\_\_ **FFL:** \_\_\_\_\_ **FTP:** \_\_\_\_\_ **Choke:** \_\_\_\_\_ **Final Fluid Rate:** \_\_\_\_\_ **Final oil cut:** \_\_\_\_\_

### STIMULATION DETAIL

### COSTS

**Base Fluid used:** Lightning 17      **Job Type:** Sand frac  
**Company:** BJ Services  
**Procedure or Equipment detail:** GB4 sds down casing

2982 gals of pad  
2319 gals w/ 1-4 ppg of 20/40 sand  
3939 gals w/ 4-6.5 ppg of 20/40 sand  
Flush w/ 3864 gals of slick water

Weatherford BOP  
Weatherford Services  
Betts frac water  
NPC fuel gas  
BJ Services GB4 sds  
NPC Supervisor  
Betts water transfer

**Max TP:** 1500      **Max Rate:** 14.4      **Total fluid pmpd:** 312 bbls  
**Avg TP:** 1314      **Avg Rate:** 14.2      **Total Prop pmpd:** 30,034#'s  
**ISIP:** 1500      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** .82  
**Completion Supervisor:** Ron Shuck

**DAILY COST:** \_\_\_\_\_ **\$0**  
**TOTAL WELL COST:** \_\_\_\_\_



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## DAILY COMPLETION REPORT

**WELL NAME:** Federal 15-13-9-16  
**Operation:** Completion

**Report Date:** Dec. 3, 2005

**Day:** 04

**Rig:** Western #2

### WELL STATUS

**Surf Csg:** 8-5/8' @ 320' **Prod Csg:** 5-1/2" @ 5791' **Csg PBTD:** 5699'WL  
**Tbg:** **Size:** 2 7/8 **Wt:** 6.5# **Grd:** J-55 **Pkr/EOT @:** 4762' **BP/Sand PBTD:** \_\_\_\_\_

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	3924-3938'	4/56			
PB8 sds	4142-4156'	4/56			
D1 sds	4486-4490'	4/16			
C sds	4653-4659'	4/24			
CP1 sds	5364- 5372'	4/32			
CP2 sds	5404- 5410'	4/24			

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** Dec. 2, 2005

**SITP:** \_\_\_\_\_ **SICP:** 25

MIRU Western #2. Thaw wellhead & BOP W/ HO trk. Bleed pressure off well. Rec est 5 BTF. ND Cameron BOP & 5M frac head. Install 3M production tbg head & NU Weatherford Schaeffer BOP. Talley, drift, PU & TIH W/ new Weatherford 4 3/4" "Chomp" bit, bit sub & new 2 7/8 8rd 6.5# J-55 tbg. Tag fill @ 3860'. Tbg displaced 9 BW on TIH RU power swivel. C/O sd & drill out composite bridge plugs as follows (using conventional circulation): sd @ 3860' plug @ 4040' in 32 minutes; no sd, plug @ 4260' in 27 minutes; sd @ 4528', plug @ 4590' in 24 minutes; sd @ 4699' plug @ 4758' in 26 minutes. Circ hole clean W/ no fluid loss. RD swivel. SIFN W/ EOT @ 4762'. Est 1837 BWTR.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 1851 **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 14 **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1837 **Cum oil recovered:** \_\_\_\_\_  
**IFL:** \_\_\_\_\_ **FFL:** \_\_\_\_\_ **FTP:** \_\_\_\_\_ **Choke:** \_\_\_\_\_ **Final Fluid Rate:** \_\_\_\_\_ **Final oil cut:** \_\_\_\_\_

### STIMULATION DETAIL

### COSTS

**Base Fluid used:** \_\_\_\_\_ **Job Type:** \_\_\_\_\_

**Company:** \_\_\_\_\_

**Procedure or Equipment detail:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Western #2 rig  
Weatherford BOP(X2)  
NDSI trucking  
NPC trucking  
NDSI wtr & truck  
Unichem chemicals  
Aztec - new J55 tbg  
Weatherford swivel  
Weatherford "chomp" bit  
NPC sfc equipment  
Zubiate HO trk  
Boren labor/welding  
NPC supervision

**Max TP:** \_\_\_\_\_ **Max Rate:** \_\_\_\_\_ **Total fluid pmpd:** \_\_\_\_\_

**Avg TP:** \_\_\_\_\_ **Avg Rate:** \_\_\_\_\_ **Total Prop pmpd:** \_\_\_\_\_

**ISIP:** \_\_\_\_\_ **5 min:** \_\_\_\_\_ **10 min:** \_\_\_\_\_ **FG:** \_\_\_\_\_

**Completion Supervisor:** Gary Dietz

**DAILY COST:** \_\_\_\_\_ **\$0**

**TOTAL WELL COST:** \_\_\_\_\_



829

## DAILY COMPLETION REPORT

**WELL NAME:** Federal 15-13-9-16      **Report Date:** Dec. 4, 2005      **Day:** 05  
**Operation:** Completion      **Rig:** Western #2

### WELL STATUS

**Surf Csg:** 8-5/8' @ 320'      **Prod Csg:** 5-1/2" @ 5791'      **Csg PBTD:** 5745'  
**Tbg:** Size: 2 7/8      Wt: 6.5#      **Grd:** J-55      **Pkr/EOT @:** 1569'      **BP/Sand PBTD:** 5745'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	3924-3938'	4/56			
PB8 sds	4142-4156'	4/56			
D1 sds	4486-4490'	4/16			
C sds	4653-4659'	4/24			
CP1 sds	5364- 5372'	4/32			
CP2 sds	5404- 5410'	4/24			

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** Dec. 3, 2005      **SITP:** 100      **SICP:** 100

Thaw wellhead, BOP & tbg stump W/ HO trk. Bleed pressure off well. Rec est 15 BTF. Con't PU & TIH W/ bit & tbg f/ 4762'. Tag fill @ 5563'. RU power swivel. Drill plug remains & sd to PBTD @ 5745'. Circ hole clean W/ no fluid loss. RD swivel. Pull EOT to 5699'. RU swab equipment. IFL @ sfc. Made 15 swb runs rec 161 BTF W/ light gas, ti oil & no sand. FFL @ 1000'. TIH W/ tbg. Tag PBTD @ 5745' (no new fill). Circ hole W/ clean wtr. Lost est 35 BW & rec tr oil. LD excess tbg. TOH W/ tbg--LD bit. TIH W/ BHA & production tbg to 1569'. SIFN W/ est 1696 BWTR.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 1837      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 141      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1696      **Cum oil recovered:** \_\_\_\_\_  
**IFL:** sfc      **FFL:** 1000'      **FTP:** \_\_\_\_\_      **Choke:** \_\_\_\_\_      **Final Fluid Rate:** \_\_\_\_\_      **Final oil cut: tr** \_\_\_\_\_

### STIMULATION DETAIL

**Base Fluid used:** \_\_\_\_\_      **Job Type:** \_\_\_\_\_  
**Company:** \_\_\_\_\_  
**Procedure or Equipment detail:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

### COSTS

Western #2 rig \_\_\_\_\_  
 Weatherford BOP \_\_\_\_\_  
 Weatherford swivel \_\_\_\_\_  
 D & M HO trk \_\_\_\_\_  
 Monks pit reclaim \_\_\_\_\_  
 Mt. West sanitation \_\_\_\_\_  
 NPC location cleanup \_\_\_\_\_  
 RNI wtr disposal \_\_\_\_\_  
 CDI TA \_\_\_\_\_  
 CDI SN \_\_\_\_\_  
 NPC supervision \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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

**Completion Supervisor:** Gary Dietz

**DAILY COST:** \_\_\_\_\_      **\$0**  
**TOTAL WELL COST:** \_\_\_\_\_



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## DAILY COMPLETION REPORT

**WELL NAME:** Federal 15-13-9-16      **Report Date:** Dec. 6, 2005      **Day:** 06  
**Operation:** Completion      **Rig:** Western #2

### WELL STATUS

**Surf Csg:** 8-5/8' @ 320'      **Prod Csg:** 5-1/2" @ 5791'      **Csg PBTD:** 5745'  
**Tbg:** Size: 2 7/8      Wt: 6.5#      **Grd:** J-55      **Anchor @:** 5390'      **BP/Sand PBTD:** 5745'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	3924-3938'	4/56			
PB8 sds	4142-4156'	4/56			
D1 sds	4486-4490'	4/16			
C sds	4653-4659'	4/24			
CP1 sds	5364- 5372'	4/32			
CP2 sds	5404- 5410'	4/24			

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** Dec. 5, 2005      **SITP:** 0      **SICP:** 0

Thaw wellhead, BOP & tbg stump W/ HO trk. Con't TIH W/ BHA & production tbg f/ 1569' (complete as follows): 2 7/8 NC, 2 jts tbg, SN, 1 jt tbg, new CDI 5 1/2" TA (45K) & 172 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 5390' W/ SN @ 5424' & EOT @ 5488'. Land tbg W/ 15,000# tension. NU wellhead. PU & TIH W/ pump and "A" grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 14' RHAC pump, 6-1 1/2" weight rods, 10-3/4" scraped rods, 100-3/4" plain rods, 99-3/4" scraped rods, 1-2' X 3/4" pony rod and 1 1/2" X 22' polished rod. Seat pump & RU pumping unit. W/ tbg full, pressure test tbg & pump to 200 psi. Stroke pump up W unit to 800 psi. Good pump action. RDMOSU. Est 1696 BWTR.

**Place well on production @ 3:00 PM 12/5/2005 W/ 86" SL @ 4.5 SPM.**  
**FINAL REPORT!!**

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 1696      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 0      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1696      **Cum oil recovered:** \_\_\_\_\_  
**IFL:** \_\_\_\_\_      **FFL:** \_\_\_\_\_      **FTP:** \_\_\_\_\_      **Choke:** \_\_\_\_\_      **Final Fluid Rate:** \_\_\_\_\_      **Final oil cut:** \_\_\_\_\_

#### TUBING DETAIL

#### ROD DETAIL

#### COSTS

TUBING DETAIL	ROD DETAIL	COSTS
KB 10.00'	1 1/2" X 22' polished rod	Western #2 rig
172 2 7/8 J-55 tbg (5379.64')	1-2' X 3/4" pony rod	Weatherford BOP
TA (2.80' @ 5389.64' KB)	99-3/4" scraped rods	NPC trucking
1 2 7/8 J-55 tbg (31.38')	100-3/4" plain rods	Zubiate HO trk
SN (1.10' @ 5423.82' KB)	10-3/4" scraped rods	CDI rod pump
2 2 7/8 J-55 tbg (62.67')	6-1 1/2" weight rods	"A" grade rod string
2 7/8 NC (.45')	CDI 2 1/2" X 1 1/2" X 14'	NPC frac tks(5X6 dys)
EOT 5488.04 W/ 10' KB	RHAC pump W/ SM plunger	NPC swb tk (3 days)
		NPC frac head
		NPC supervision

**DAILY COST:** \_\_\_\_\_ \$0

**Completion Supervisor:** Gary Dietz

**TOTAL WELL COST:** \_\_\_\_\_

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 3776'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 170' balance plug using 20 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 44 sx Class "G" cement down 5 1/2" casing to 370'

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

## Federal 15-13-9-16

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

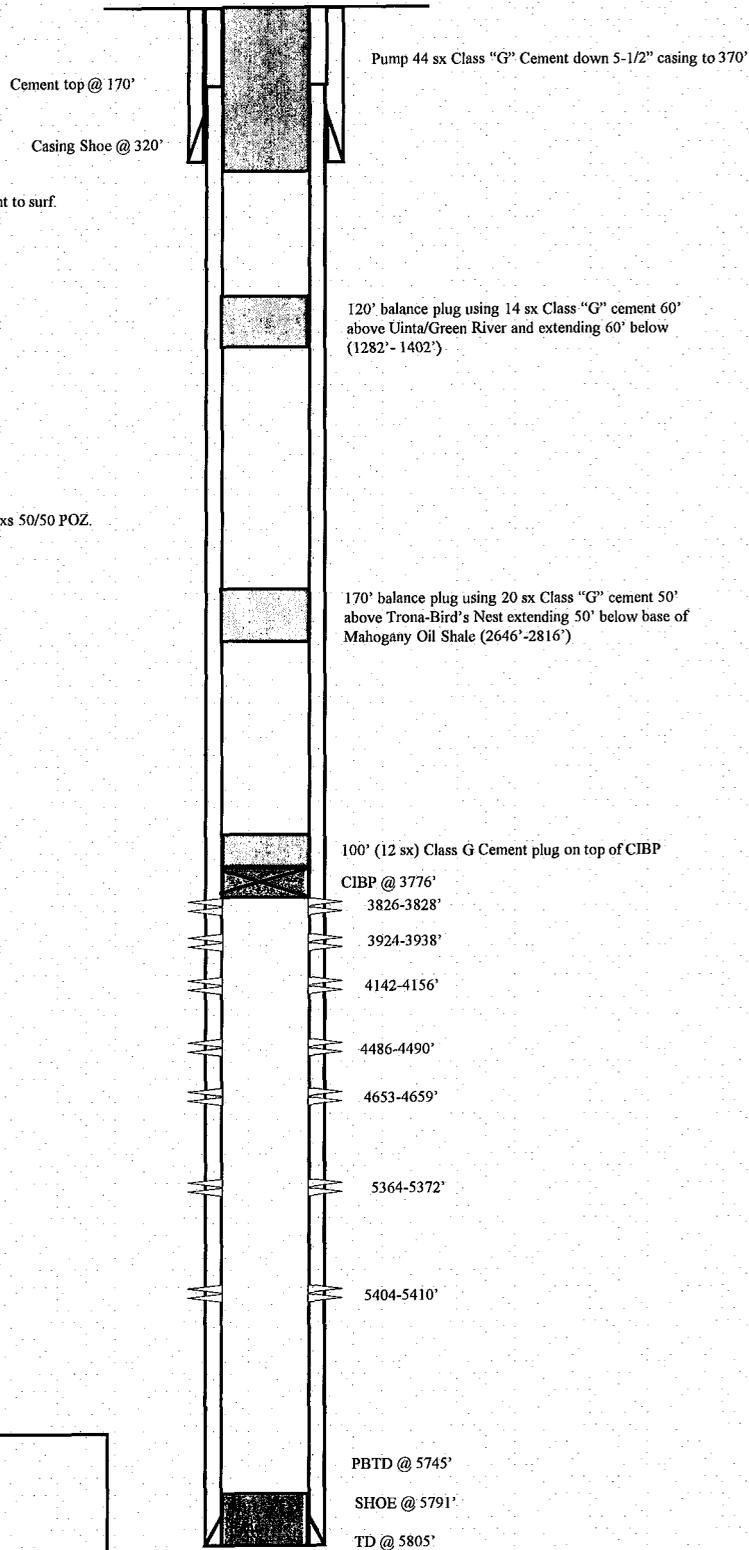
### Proposed P & A Wellbore Diagram

#### SURFACE CASING

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

#### PRODUCTION CASING

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



**NEWFIELD**



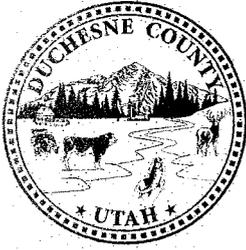
**Federal 15-13-9-16**

695' FSL & 1972' FEL

SW/SE Section 13-T9S-R16E

Duchesne Co, Utah

API #43-013-32648; Lease #UTU-64805



*Duchesne County Planning, Zoning  
& Community Development  
734 North Center Street  
P.O. Box 317  
Duchesne, Utah 84021  
(435) 738-1152  
Fax (435) 738-5522*

June 26, 2012

Mr. Brad Hill, Permitting Manager  
Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

RECEIVED

JUN 27 2012

DIV. OF OIL, GAS & MINING

RE: Newfield Production Company Injection Wells (Causes No UIC-395 & 396)

Dear Mr. Hill:

We are in receipt of your notice regarding Newfield Production Company's request to convert 30 wells, located in Sections 5, 8, 9, 11, 12, 13, 16, 17, 18, 19, 21, 22, 23, 24, 27, 29 and 30, Township 9 South, Range 16 East, Duchesne County, to Class II injection wells.

Duchesne County is supportive of this request and recommends approval under conditions that your agency deems appropriate.

Thank you for the opportunity to comment.

Sincerely,

Mike Hyde, AICP  
Community Development Administrator

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

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-396

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 9, 11, 12, 13, 16, 17, 18, 21, 22, 24, 27, AND 29, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17<sup>th</sup> Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

- Federal 15-9-9-16 well located in SW/4 SE/4, Section 9, Township 9 South, Range 16 East  
API 43-013-33054
- Walton Federal 4 well located in SE/4 NW/4, Section 11, Township 9 South, Range 16 East  
API 43-013-15795
- C-O Govt 1 well located in NW/4 SW/4, Section 12, Township 9 South, Range 16 East  
API 43-013-15111
- Monument Federal 24-12J well located in SE/4 SW/4, Section 12, Township 9 South, Range 16 East  
API 43-013-31409
- Federal 15-13-9-16 well located in SW/4 SE/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32648
- State 1-16-9-16 well located in NE/4 NE/4, Section 16, Township 9 South, Range 16 East  
API 43-013-33845
- Federal 11-17-9-16 well located in NE/4 SW/4, Section 17, Township 9 South, Range 16 East  
API 43-013-33034
- Federal 15-18-9-16 well located in SW/4 SE/4, Section 18, Township 9 South, Range 16 East  
API 43-013-33001
- Federal 5-21-9-16 well located in SW/4 NW/4, Section 21, Township 9 South, Range 16 East  
API 43-013-33020
- Federal 11A-22-9-16 well located in NE/4 SW/4, Section 22, Township 9 South, Range 16 East  
API 43-013-33149
- Federal 1-24-9-16 well located in NE/4 NE/4, Section 24, Township 9 South, Range 16 East  
API 43-013-33082
- Federal 1-27-9-16 well located in NE/4 NE/4, Section 27, Township 9 South, Range 16 East  
API 43-013-33350
- Federal 3-29-9-16 well located in NE/4 NW/4, Section 29, Township 9 South, Range 16 East  
API 43-013-33425

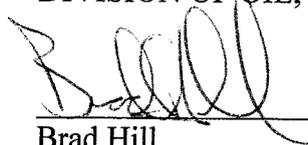
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21<sup>st</sup> day of June, 2012.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

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

Brad Hill  
Permitting Manager

**Newfield Production Company**

**FEDERAL 15-9-9-16, WALTON FEDERAL 4, C-O GOVT 1, MONUMENT FEDERAL 24-12J,  
FEDERAL 15-13-9-16, STATE 1-16-9-16, FEDERAL 11-17-9-16, FEDERAL 15-18-9-16,  
FEDERAL 5-21-9-16, FEDERAL 11A-22-9-16, FEDERAL 1-24-9-16, FEDERAL 1-27-9-16,  
FEDERAL 3-29-9-16**

**Cause No. UIC-396**

Publication Notices were sent to the following:

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

SITLA  
675 E 500 S Ste 500  
Salt Lake City, UT 84102-2818

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

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

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

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

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

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

  
\_\_\_\_\_



GARY R. HERBERT  
*Governor*

GREGORY S. BELL  
*Lieutenant Governor*

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

June 21, 2012

Via e-mail: [legals@ubstandard.com](mailto:legals@ubstandard.com)

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-396

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure

**Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-396**

---

**From:** Cindy Kleinfelter <classifieds@ubstandard.com>  
**To:** Jean Sweet <jsweet@utah.gov>  
**Date:** 6/22/2012 8:05 AM  
**Subject:** Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-396

---

On 6/21/2012 5:41 PM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary  
Utah Div. of Oil, Gas & Mining  
1594 West Temple, Suite 1210  
Salt Lake City, UT  
801-538-5329  
[jsweet@utah.gov](mailto:jsweet@utah.gov)

Received. Thank you. It will run June 26.  
Cindy



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

June 21, 2012

VIA E-MAIL [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

Salt Lake Tribune  
P. O. Box 45838  
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-396

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure

**From:** "Fultz, Mark" <naclegal@mediaoneutah.com>  
**To:** <jsweet@utah.gov>  
**Date:** 6/22/2012 9:04 AM  
**Subject:** Legal Notice - UIC 396  
**Attachments:** OrderConf.pdf

AD# 802908  
Run Trib/DNews - 6/26  
Cost \$393.08  
Thank you  
Mark

**Order Confirmation for Ad #0000802908-01**

<b>Client</b>	DIV OF OIL-GAS & MINING	<b>Payor Customer</b>	DIV OF OIL-GAS & MINING
<b>Client Phone</b>	801-538-5340	<b>Payor Phone</b>	801-538-5340
<b>Account#</b>	9001402352	<b>Payor Account</b>	9001402352
<b>Address</b>	1594 W NORTH TEMP #1210,P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	<b>Payor Address</b>	1594 W NORTH TEMP #1210,P.O. BO SALT LAKE CITY, UT 84114
<b>Fax</b>	801-359-3940	<b>Ordered By</b>	<b>Acct. Exec</b>
<b>Email</b>	earlenerussell@utah.gov	Jean	mfultz

<b>Total Amount</b>	<b>\$393.08</b>			
<b>Payment Amt</b>	<b>\$0.00</b>			
<b>Amount Due</b>	<b>\$393.08</b>	<u>Tear Sheets</u>	<u>Proofs</u>	<u>Affidavits</u>
		0	0	1
<b>Payment Method</b>		<u>PO Number</u>	UIC 396	
<b>Confirmation Notes:</b>				
<b>Text:</b>	Jean			

<b>Ad Type</b>	<b>Ad Size</b>	<b>Color</b>
Legal Liner	3.0 X 77 Li	<NONE>

<b>Product</b>	<b>Placement</b>	<b>Position</b>
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
<b>Scheduled Date(s):</b>	06/26/2012	
<b>Product</b>	<b>Placement</b>	<b>Position</b>
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
<b>Scheduled Date(s):</b>	06/26/2012	
<b>Product</b>	<b>Placement</b>	<b>Position</b>
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
<b>Scheduled Date(s):</b>	06/26/2012	
<b>Product</b>	<b>Placement</b>	<b>Position</b>
utahlegals.com::	utahlegals.com	utahlegals.com
<b>Scheduled Date(s):</b>	06/26/2012	

**Order Confirmation  
for Ad #0000802908-01**

Ad Content Proof Actual Size

# Order Confirmation for Ad #0000802908-01

**Ad Content Proof 135%**

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-396

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 9, 11, 12, 13, 16, 17, 18, 21, 22, 24, 27, AND 29, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Federal 15-9-9-16 well located in SW/4 SE/4, Section 9, Township 9 South, Range 16 East  
API 43-013-33054  
Walter Federal 4 well located in SE/4 NW/4, Section 11, Township 9 South, Range 16 East  
API 43-013-15795  
C-O Govt 1 well located in NW/4 SW/4, Section 12, Township 9 South, Range 16 East  
API 43-013-15111  
Monument Federal 24-12J well located in SE/4 SW/4, Section 12, Township 9 South, Range 16 East  
API 43-013-31409  
Federal 15-13-9-16 well located in SW/4 SE/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32648  
State 1-16-9-16 well located in NE/4 NE/4, Section 16, Township 9 South, Range 16 East  
API 43-013-33845  
Federal 11-17-9-16 well located in NE/4 SW/4, Section 17, Township 9 South, Range 16 East  
API 43-013-33034  
Federal 15-18-9-16 well located in SW/4 SE/4, Section 18, Township 9 South, Range 16 East  
API 43-013-33001  
Federal 5-21-9-16 well located in SW/4 NW/4, Section 21, Township 9 South, Range 16 East  
API 43-013-33020  
Federal 11A-22-9-16 well located in NE/4 SW/4, Section 22, Township 9 South, Range 16 East  
API 43-013-33149  
Federal 1-24-9-16 well located in NE/4 NE/4, Section 24, Township 9 South, Range 16 East  
API 43-013-33082  
Federal 1-27-9-16 well located in NE/4 NE/4, Section 27, Township 9 South, Range 16 East  
API 43-013-33350  
Federal 3-29-9-16 well located in NE/4 NW/4, Section 29, Township 9 South, Range 16 East  
API 43-013-33425

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Greer River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21st day of June, 2012.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

/s/  
Brad Hill  
Permitting Manager  
802908

UPAXLP



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

October 1, 2012

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

Subject: Greater Monument Butte Unit Well: Federal 15-13-9-16, Section 13, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-32648

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 3,773 feet in the Federal 15-13-9-16 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

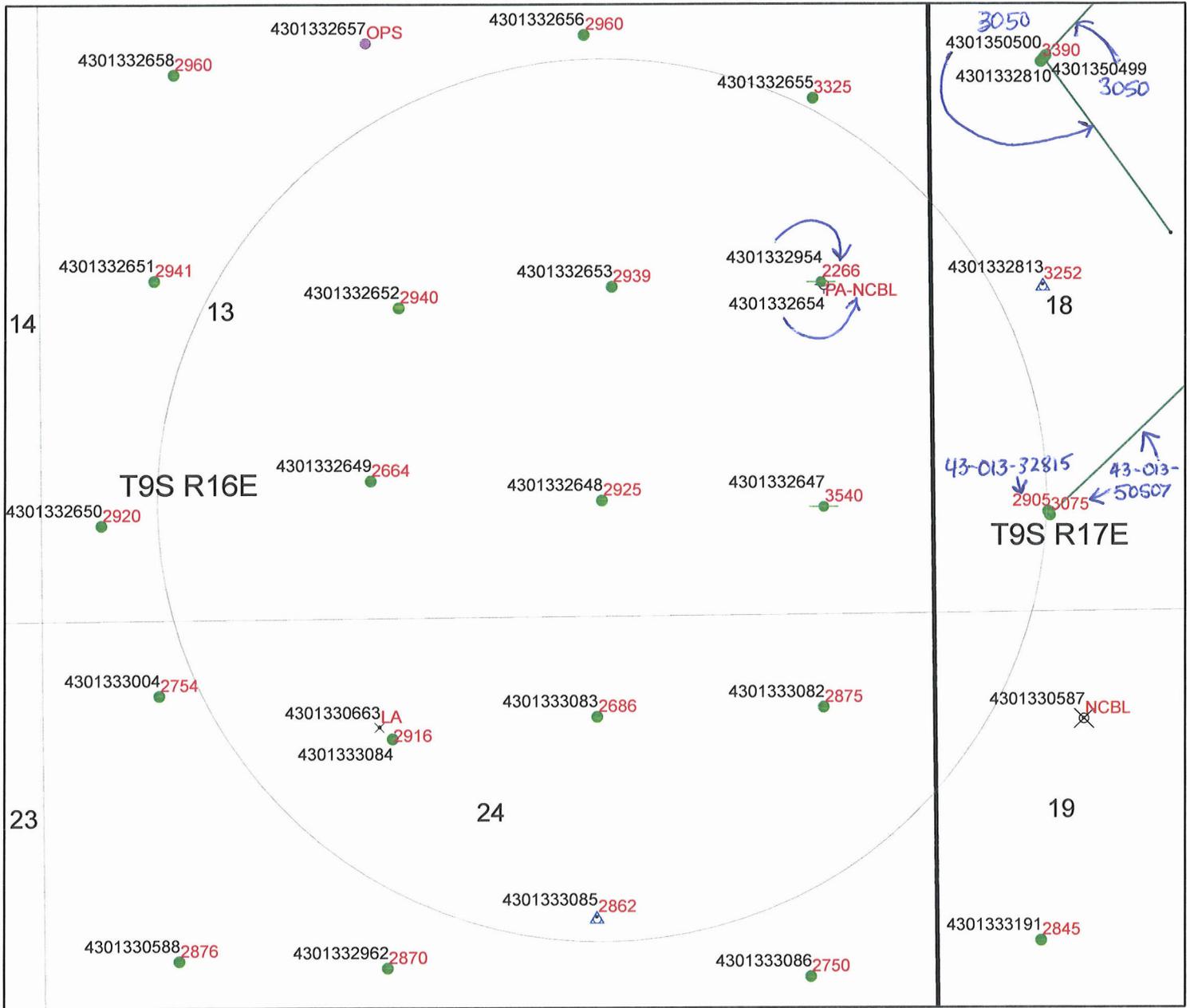
John Rogers  
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Duchesne County  
Newfield Production Company, Myton  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC

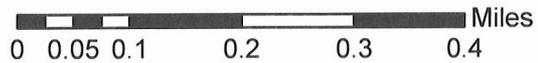




Cement Bond Tops  
 FEDERAL 15-13-9-16  
 API #43-013-32648  
 UIC 396.5

### Legend

- |  |   |
|--|---|
| Buffer_of_SGID93_ENERGY_DNROilGasWells_138 | PGW   |
| SGID93.ENERGY.DNROilGasWells               | POW   |
| <b>SGID93.ENERGY.DNROilGasWells</b>        | RET   |
| <b>GIS_STAT_TYPE</b>                       | SGW   |
| APD  | SOW   |
| DRL  | TA  |
| GIW  | TW  |
| GSW  | WDW   |
| LA   | WIW   |
| LOC  | WSW   |
| OPS  | SGID93.BOUNDARIES.Counties  |
| PA   | <ul style="list-style-type: none"><li>• SGID93.ENERGY.DNROilGasWells_HDBottom</li></ul> |
|  | SGID93.ENERGY.DNROilGasWells_HDPath   |
|  | <ul style="list-style-type: none"><li>• Wells-CbltopsMaster08_31_12</li></ul>           |



1870calc = approx cement top calculated from well completion report

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

**Applicant:** Newfield Production Company      **Well:** Federal 15-13-9-16

**Location:** 13/9S/16E      **API:** 43-013-32648

**Ownership Issues:** The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

**Well Integrity:** The proposed well has surface casing set at 320 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,791 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 2,925 feet. A 2 7/8 inch tubing with a packer will be set at 3,776 feet. A mechanical integrity test will be run on the well prior to injection. There are 8 producing wells, 1 new (8/2/2012) injection well, 1 shut-in well, and 1 P/A well in the AOR. All of the wells have evidence of adequate casing and cement for the proposed injection interval.

**Ground Water Protection:** As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 1500 feet. Injection shall be limited to the interval between 3,773 feet and 5,745 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 15-13-9-16 well is 0.82 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,475 psig. The requested maximum pressure is 1,475 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

**Federal 15-13-9-16**

**page 2**

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the BLM

**Actions Taken and Further Approvals Needed:** A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date: 9/26/2012

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9  5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64805
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FEDERAL 15-13-9-16	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013326480000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0695 FSL 1972 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 13 Township: 09.0S Range: 16.0E Meridian: S	COUNTY: DUCHESNE  STATE: UTAH	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/18/2012  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input checked="" type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input checked="" type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>

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

The subject well has been converted from a producing oil well to an injection well on 10/17/2012. On 10/18/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/18/2012 the casing was pressured up to 1360 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was not a State representative available to witness the test.

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

Date: October 29, 2012

By: *[Signature]*

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/23/2012	

# Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: \_\_\_\_\_ Date 10/18/2012 Time 1:30 am  pm  
Test Conducted by: Cody Marx  
Others Present: \_\_\_\_\_

Well: <del>Federal 1543-916</del>	Field: <u>Monument Butte</u>
Well Location: <u>SW/SE Sec. 13 T9S R16E</u> <u>Duchesne, Utah</u>	API No: <u>43-013-32648</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1360</u>	psig
5	<u>1360</u>	psig
10	<u>1360</u>	psig
15	<u>1360</u>	psig
20	<u>1360</u>	psig
25	<u>1360</u>	psig
30 min	<u>1360</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

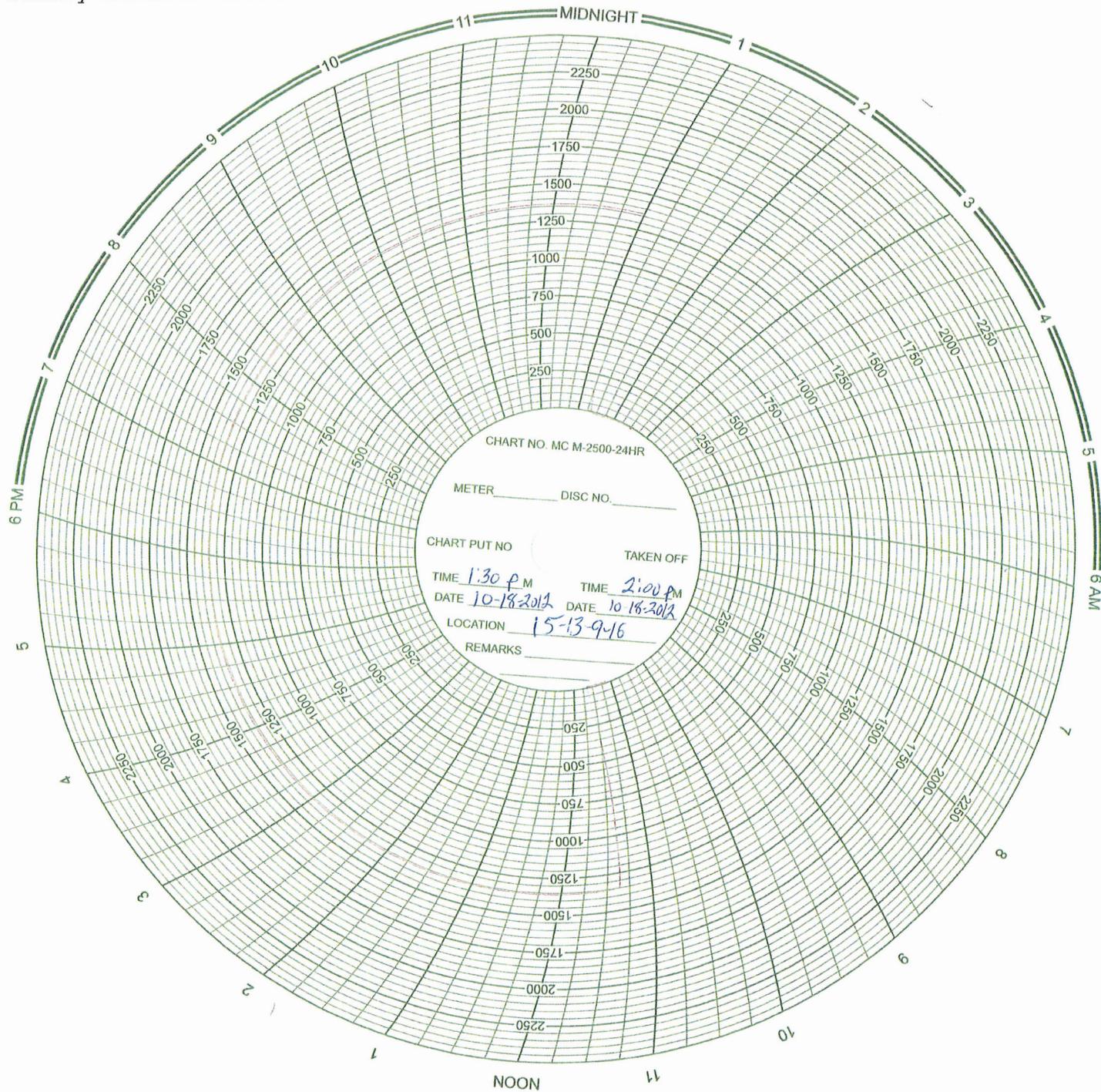
Tubing pressure: 400 psig

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

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

Signature of Person Conducting Test: Cody Marx

Sundry Number: 31299 API Well Number: 43013326480000



## Daily Activity Report

Format For Sundry

**FEDERAL 15-13-9-16**

**8/1/2012 To 12/30/2012**

**10/16/2012 Day: 1**

**Conversion**

WWS #7 on 10/16/2012 - MIRUSU. LD rods and - traveled from g-35-8-16 to 15-13-9-16 wait until 10:55am for dead man anchors to be tested Ru rig pump HO BW down csg RD PU unseat pump flush rods w W/40 BW soft seat pump Blow hole in TBG @ 2K psi w/15 BW LD 1/12 X 22 polish rod 2x 3/4 pony, 99 upper 3/4, 75 SLK 3/4, 36- 4 per 3/4, 6-1/2 WT Bars & pump flushed more time w/ 30 BW X 10 to tbg EQ NDWH release TAC no BOP RU THG EQ. - traveled from g-35-8-16 to 15-13-9-16 wait until 10:55am for dead man anchors to be tested Ru rig pump HO BW down csg RD PU unseat pump flush rods w W/40 BW soft seat pump Blow hole in TBG @ 2K psi w/15 BW LD 1/12 X 22 polish rod 2x 3/4 pony, 99 upper 3/4, 75 SLK 3/4, 36- 4 per 3/4, 6-1/2 WT Bars & pump flushed more time w/ 30 BW X 10 to tbg EQ NDWH release TAC no BOP RU THG EQ. - traveled from g-35-8-16 to 15-13-9-16 wait until 10:55am for dead man anchors to be tested Ru rig pump HO BW down csg RD PU unseat pump flush rods w W/40 BW soft seat pump Blow hole in TBG @ 2K psi w/15 BW LD 1/12 X 22 polish rod 2x 3/4 pony, 99 upper 3/4, 75 SLK 3/4, 36- 4 per 3/4, 6-1/2 WT Bars & pump flushed more time w/ 30 BW X 10 to tbg EQ NDWH release TAC no BOP RU THG EQ. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$17,243

---

**10/18/2012 Day: 2**

**Conversion**

WWS #7 on 10/18/2012 - Pump Seat nipple, on-off too IX profile.pup joint, crossover - Pump 30 BW down CSG 100H Tolling Tubing breaking inspecting and green doping conversion with 120 JTS 2-7/8 j-55 tbg LD 52 JTS, 5-1/2 tubing anchor,1 joint, SN,2 joints. Hole found in joint 151. Flushed one more time w/ 30 BW. TIH w/ 2-3/4 re-entry guides, 2-3/8 X/N nipple w/ 1.87 profile, 2-3/8 pup JT, 2-3/8x2-7/8 over, 5-1/2 AS-1X PKR 2-7/8 SN On/off 100, 120 jts 2-7/8 j-55 TBG pump 30 BW drop SV psi test tbg to 3000psi @ 2:28pm 1-1/2 to get good test ret SV w/ sand line SW. - Pump 30 BW down CSG 100H Tolling Tubing breaking inspecting and green doping conversion with 120 JTS 2-7/8 j-55 tbg LD 52 JTS, 5-1/2 tubing anchor,1 joint, SN,2 joints. Hole found in joint 151. Flushed one more time w/ 30 BW. TIH w/ 2-3/4 re-entry guides, 2-3/8 X/N nipple w/ 1.87 profile, 2-3/8 pup JT, 2-3/8x2-7/8 over, 5-1/2 AS-1X PKR 2-7/8 SN On/off 100, 120 jts 2-7/8 j-55 TBG pump 30 BW drop SV psi test tbg to 3000psi @ 2:28pm 1-1/2 to get good test ret SV w/ sand line SW. - ND BOP set PKR @ 3771' SN@ 3761' x N @ 3779 EOT@ 3781 Land TBG w/ Injection tree w/ 18,000# tension x 10 to bed EQ mix 15 gal PKR fluid w/55 bbl hold for 2HR get good test for 30 min unit for wind to die to RD. - ND BOP set PKR @ 3771' SN@ 3761' x N @ 3779 EOT@ 3781 Land TBG w/ Injection tree w/ 18,000# tension x 10 to bed EQ mix 15 gal PKR fluid w/55 bbl hold for 2HR get good test for 30 min unit for wind to die to RD. - Pump 30 BW down CSG 100H Tolling Tubing breaking inspecting and green doping conversion with 120 JTS 2-7/8 j-55 tbg LD 52 JTS, 5-1/2 tubing anchor,1 joint, SN,2 joints. Hole found in joint 151. Flushed one more time w/ 30 BW. TIH w/ 2-3/4 re-entry guides, 2-3/8 X/N nipple w/ 1.87 profile, 2-3/8 pup JT, 2-3/8x2-7/8 over, 5-1/2 AS-1X PKR 2-7/8 SN On/off 100, 120 jts 2-7/8 j-55 TBG pump 30 BW drop SV psi test tbg to 3000psi @ 2:28pm 1-1/2 to get good test ret SV w/ sand line SW. - Pump 30 BW down CSG 100H Tolling Tubing breaking inspecting and green doping conversion with 120 JTS 2-7/8 j-55 tbg LD 52 JTS, 5-1/2 tubing anchor,1 joint, SN,2 joints. Hole found in joint 151. Flushed one more time w/ 30 BW. TIH w/ 2-3/4 re-entry guides, 2-3/8 X/N nipple w/ 1.87 profile, 2-3/8 pup JT, 2-3/8x2-7/8 over, 5-1/2 AS-1X PKR 2-7/8 SN On/off 100, 120 jts 2-7/8 j-55 TBG pump 30 BW drop SV psi test tbg to 3000psi @ 2:28pm 1-1/2 to get good test ret SV w/ sand line SW. - ND BOP set PKR @ 3771' SN@ 3761' x N @ 3779 EOT@ 3781 Land TBG w/

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**Daily Cost:** \$0

**Cumulative Cost:** \$23,822

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**10/19/2012 Day: 4**

**Conversion**

Rigless on 10/19/2012 - Conduct initial MIT - On10/18/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/18/2012 the casing was pressured up to 1360 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was not a State representative available to witness the test. - On10/18/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/18/2012 the casing was pressured up to 1360 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was not a State representative available to witness the test. - On10/18/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/18/2012 the casing was pressured up to 1360 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was not a State representative available to witness the test. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$116,711

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**Pertinent Files: Go to File List**

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64805
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Disposal Well	8. WELL NAME and NUMBER: FEDERAL 15-13-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013326480000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0695 FSL 1972 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 13 Township: 09.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE  COUNTY: DUCHESNE  STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/29/2012  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input checked="" type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input type="text" value="Put on Injection"/>

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

The above reference well was put on injection at 2:45 PM on 11/29/2012.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
November 30, 2012**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 11/30/2012	

Spud Date: 10-18-05

Put on Production: 12-05-05

GL: 5553' KB: 5565'

# Federal 15-13-9-16

## Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (308.61')

DEPTH LANDED: 320.46' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 131 jts (5777.86')

DEPTH LANDED: 5791.11' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 350 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.

CEMENT TOP AT: 170'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 120 jts (3754.9')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 3764.9' KB

ON/OFF TOOL AT: 3766'

ARROW #1 PACKER CE AT: 3771.25'

XO 2-3/8 x 2-7/8 J-55 AT: 3775'

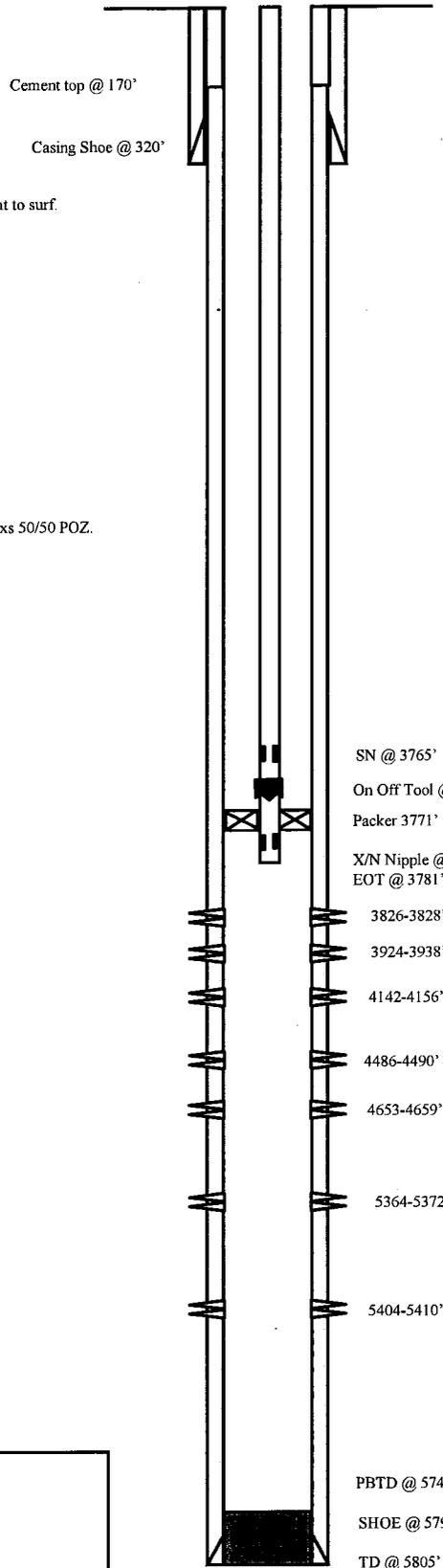
TBG PUP 2-3/8 J-55 AT: 3775.5'

X/N NIPPLE AT: 3779.7'

TOTAL STRING LENGTH: EOT @ 3781'

### FRAC JOB

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



### PERFORATION RECORD

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

**NEWFIELD**

**Federal 15-13-9-16**

695' FSL & 1972' FEL

SW/SE Section 13-T9S-R16E

Duchesne Co, Utah

API #43-013-32648; Lease #UTU-64805



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-396

**Operator:** Newfield Production Company  
**Well:** Federal 15-13-9-16  
**Location:** Section 13, Township 9 South, Range 16 East  
**County:** Duchesne  
**API No.:** 43-013-32648  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on October 1, 2012.
2. Maximum Allowable Injection Pressure: 1,475 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,773' – 5,745')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by: Christina L. Pucak  
for John Rogers  
Associate Director

10/15/2012  
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Eric Sundberg, Newfield Production Company, Denver  
Newfield Production Company, Myton  
Duchesne County  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield



Send Payments to:  
 Uintah Basin Standard  
 268 S 200 E  
 Roosevelt, Utah 84066  
 Phone: 435-722-5131  
 Fax: 435-722-4140



Invoice Number      Invoice Date

32048

6/26/2012

Advertiser No.

Invoice Amount

Due Date

2080

\$157.05

7/26/2012

RECEIVED

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DIV. OF OIL GAS & MINING

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

1 1/2% fee will be charged to all  
 past due balances.

Amount Enclosed

Please detach top portion and return with your payment

INVOICE

Uintah Basin Standard

DIVISION OF OIL GAS & MINING

Invoice No. 32048

6/26/2012

Date	Order	Description	Ad Size	SubTotal	Sales Tax	Amount
6/26/2012	16066 UBS	UBS Legal Notice: Notice of Agcy Actn: Cause No. UIC-396 Pub. June 26, 2012				\$157.05
Sub Total:						\$157.05
Total Transactions: 1						Total: \$157.05

SUMMARY      Advertiser No.      2080      Invoice No.      32048

1 1/2% fee will be charged to all past due balances.

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43 013 32648  
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