



RECEIVED

AUG 20 2004

DIV. OF OIL, GAS & 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,

Mandie Crozier  
Regulatory Specialist

mc  
enclosures

*INLAND PRODUCTION COMPANY*



STACY W. STEWART  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 00279  
STATE OF UTAH

NOTES:	FILE #
--------	--------



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

001

Form 3160-3  
(September 2001)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## APPLICATION FOR PERMIT TO DRILL OR REENTER

RECEIVED  
AUG 20 2004

DIV. OF OIL, GAS &amp; MINING

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

5. Lease Serial No. UTU-64805
6. If Indian, Allottee or Tribe Name N/A
7. If Unit or CA Agreement, Name and No. N/A
8. Lease Name and Well No. Federal 8-13-9-16
9. API Well No. 43-01332655
10. Field and Pool, or Exploratory Monument Butte
11. Sec., T., R., M., or Blk. and Survey or Area SE/NE Sec. 13, T9S R16E
12. County or Parish Duchesne
13. State UT

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone	
2. Name of Operator Inland Production Company	
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SE/NE 2187' FNL 680' FEL 580194X 40.03213 At proposed prod. zone 4431536Y - 110.06011	
14. Distance in miles and direction from nearest town or post office* Approximatley 20.2 miles south of Myton, Utah	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 680' f/lse, NA f/unit	16. No. of Acres in lease 560.00
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1,137'	19. Proposed Depth 6500'
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5479' 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.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan.   | 5. Operator certification.   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 8/19/04
Title Regulatory Specialist		
Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 11-22-04
Title Environmental Scientist III		
	Office	

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

Conditions of approval, if any, are attached.

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

\*(Instructions on reverse)

Federal Approval of this  
Action is Necessary

INLAND PRODUCTION COMPANY  
FEDERAL #8-13-9-16  
SE/NE 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	5900'

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 #8-13-9-16  
SE/NE 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 #8-13-9-16 located in the SE 1/4 NE 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 - 3.4 miles  $\pm$  to it's junction with an existing road to the north; proceed northerly - 0.6 miles  $\pm$  to it's junction with the beginning of the proposed access road to the west; proceed westerly along the proposed access road - 360'  $\pm$  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 #8-13-9-16 Inland Production Company requests 360' 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 360' 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

Scarlet Globemallow  
Crested Wheat Grass

Sphaeralcea Conccinea      4 lbs/acre  
4 lbs/acre

**Details of the On-Site Inspection**

The proposed Federal #8-13-9-16 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 #8-13-9-16 SE/NE 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

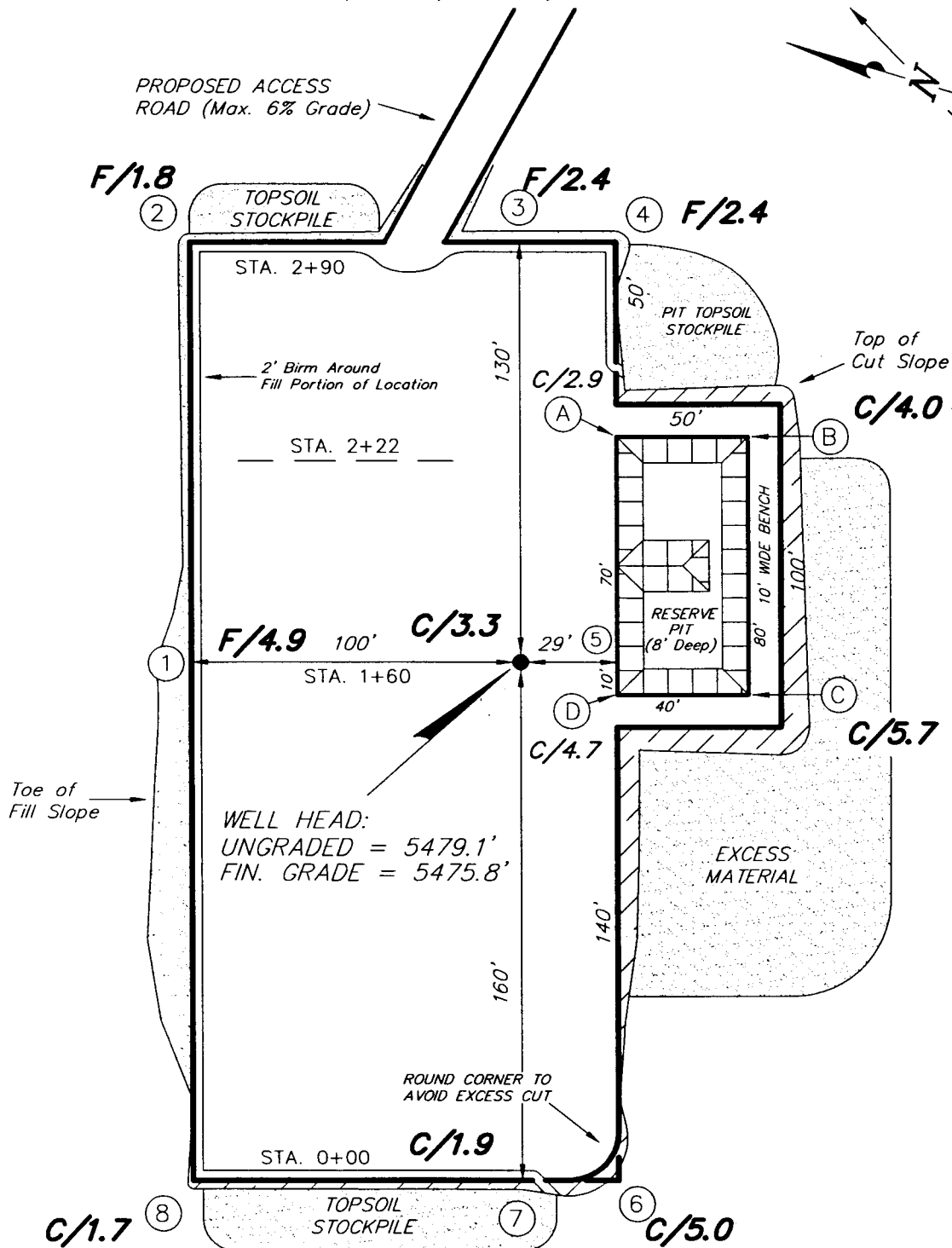
Date

  
Mandie Crozier  
Regulatory Specialist

# INLAND PRODUCTION COMPANY

FEDERAL 8-13-9-16

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



## REFERENCE POINTS

170' NORTH = 5462.8'  
220' NORTH = 5459.6'  
210' WEST = 5481.9'  
260' WEST = 5482.7'

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 7-2-04

Tri State  
Land Surveying, Inc.

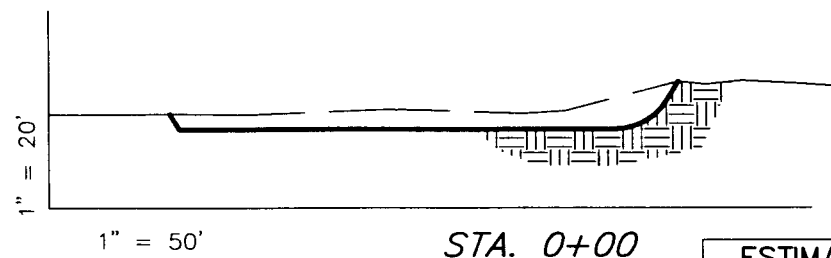
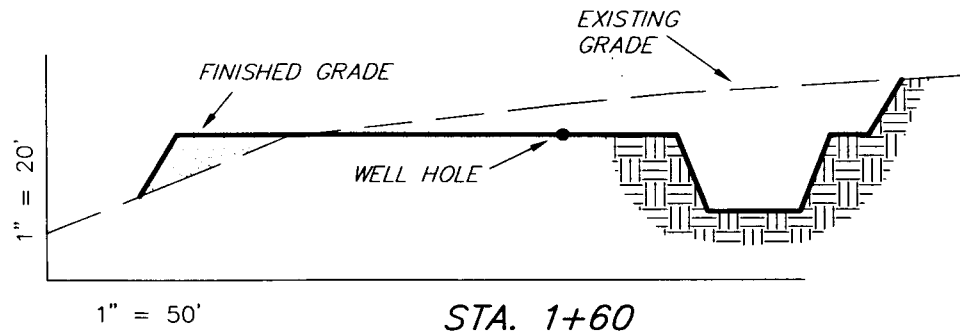
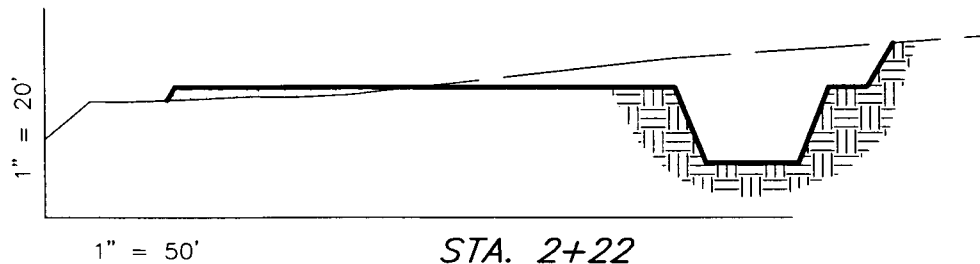
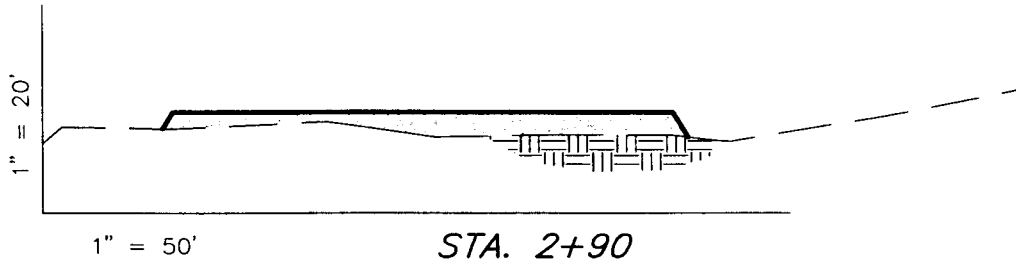
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# INLAND PRODUCTION COMPANY

## CROSS SECTIONS

FEDERAL 8-13-9-16



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	1,970	1,970	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	2,610	1,970	890	640

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 7-2-04

**Tri State**  
Land Surveying, Inc.

(435) 781-2501

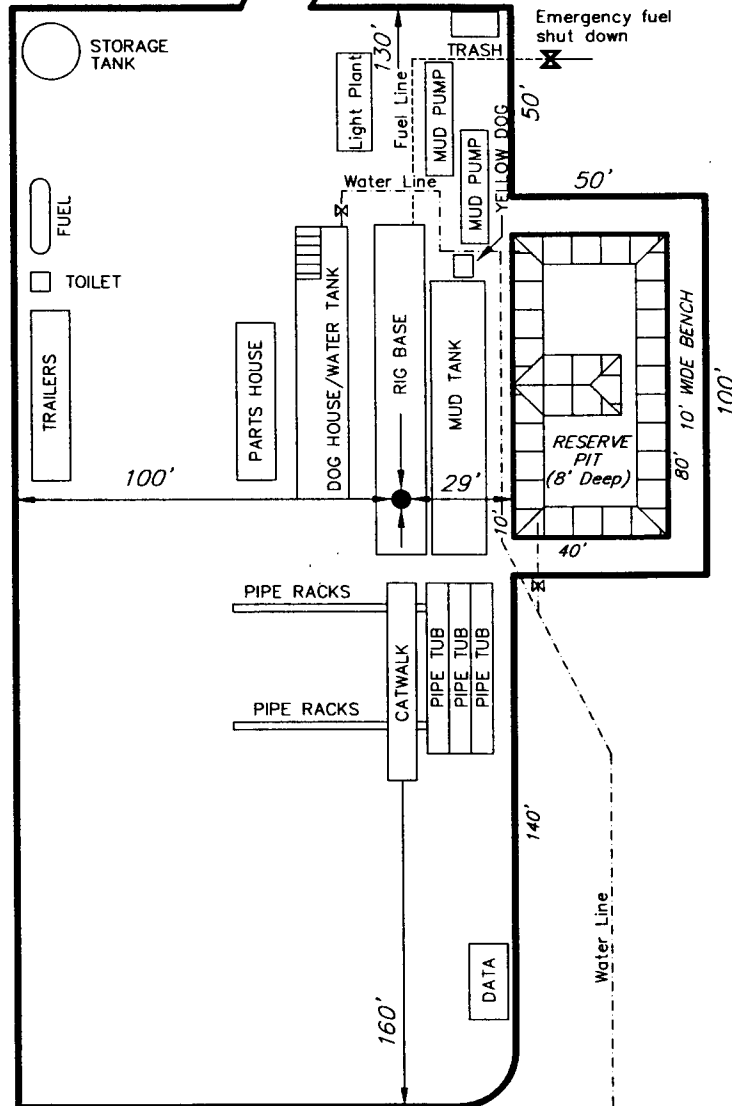
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# INLAND PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

FEDERAL 8-13-9-16

PROPOSED ACCESS  
ROAD (Max. 6% Grade)



SURVEYED BY: D.J.S.

SCALE: 1" = 50'

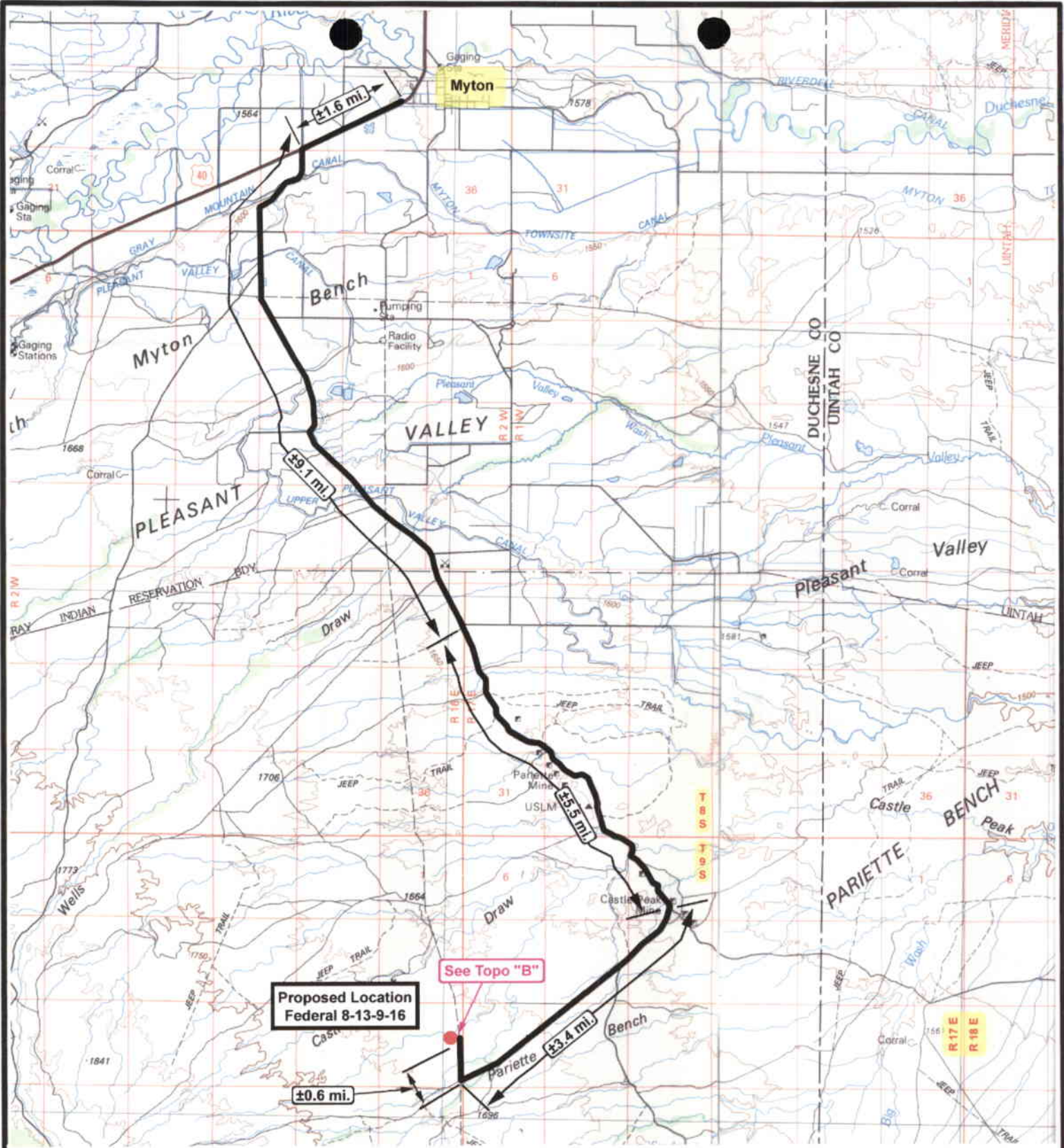
DRAWN BY: F.T.M.

DATE: 7-2-04

**Tri State**  
Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078



RESOURCES INC.

**Federal 8-13-9-16**  
**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: 07-09-2004

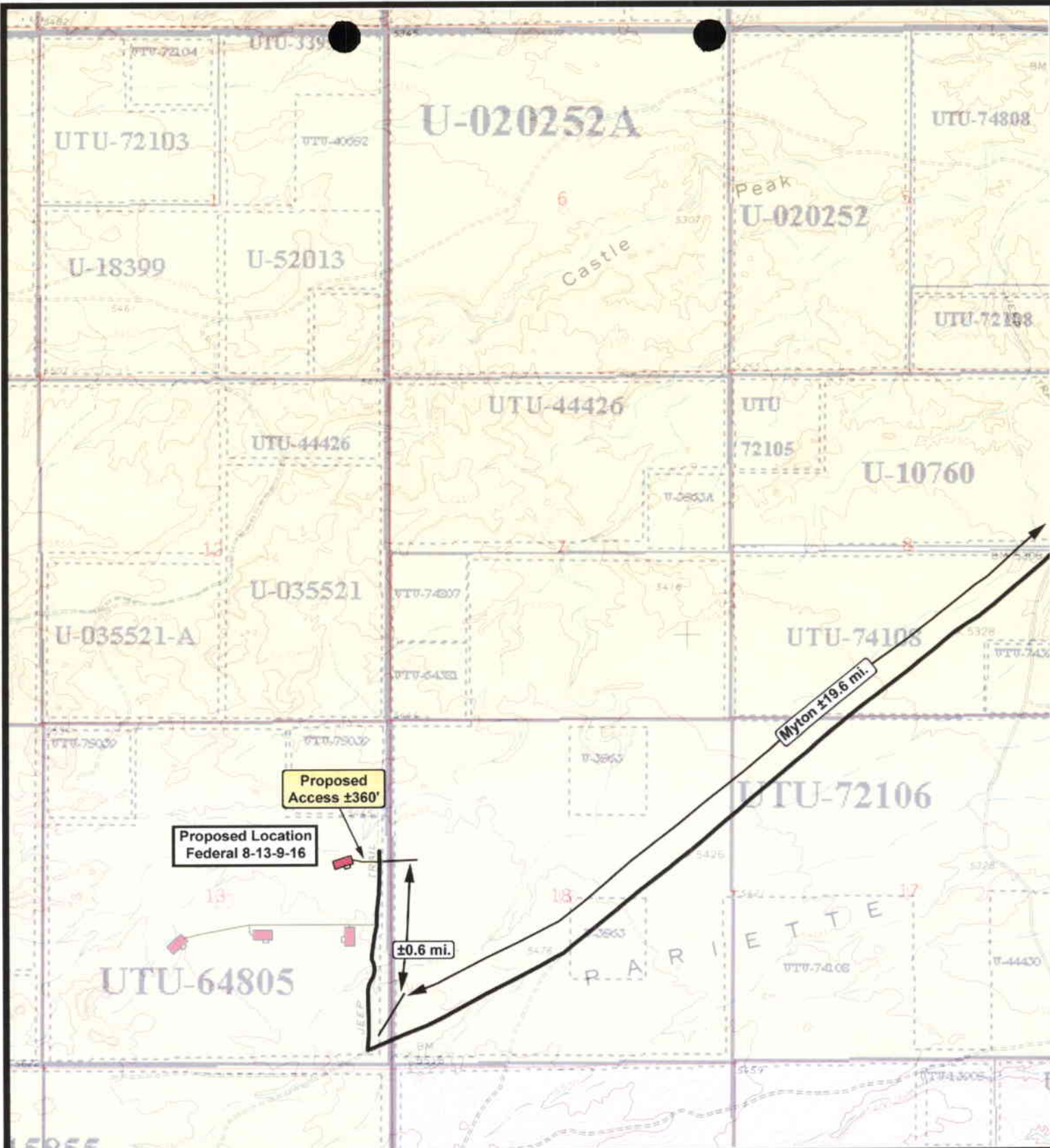
**Legend**

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

**"A"**





**Federal 8-13-9-16**  
**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: 07-09-2004**

**Legend**

— Existing Road  
 — Proposed Access

**TOPOGRAPHIC MAP**

**"B"**





**Federal 8-13-9-16**  
**SEC. 13, T9S, R16E, S.L.B.&M.**



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

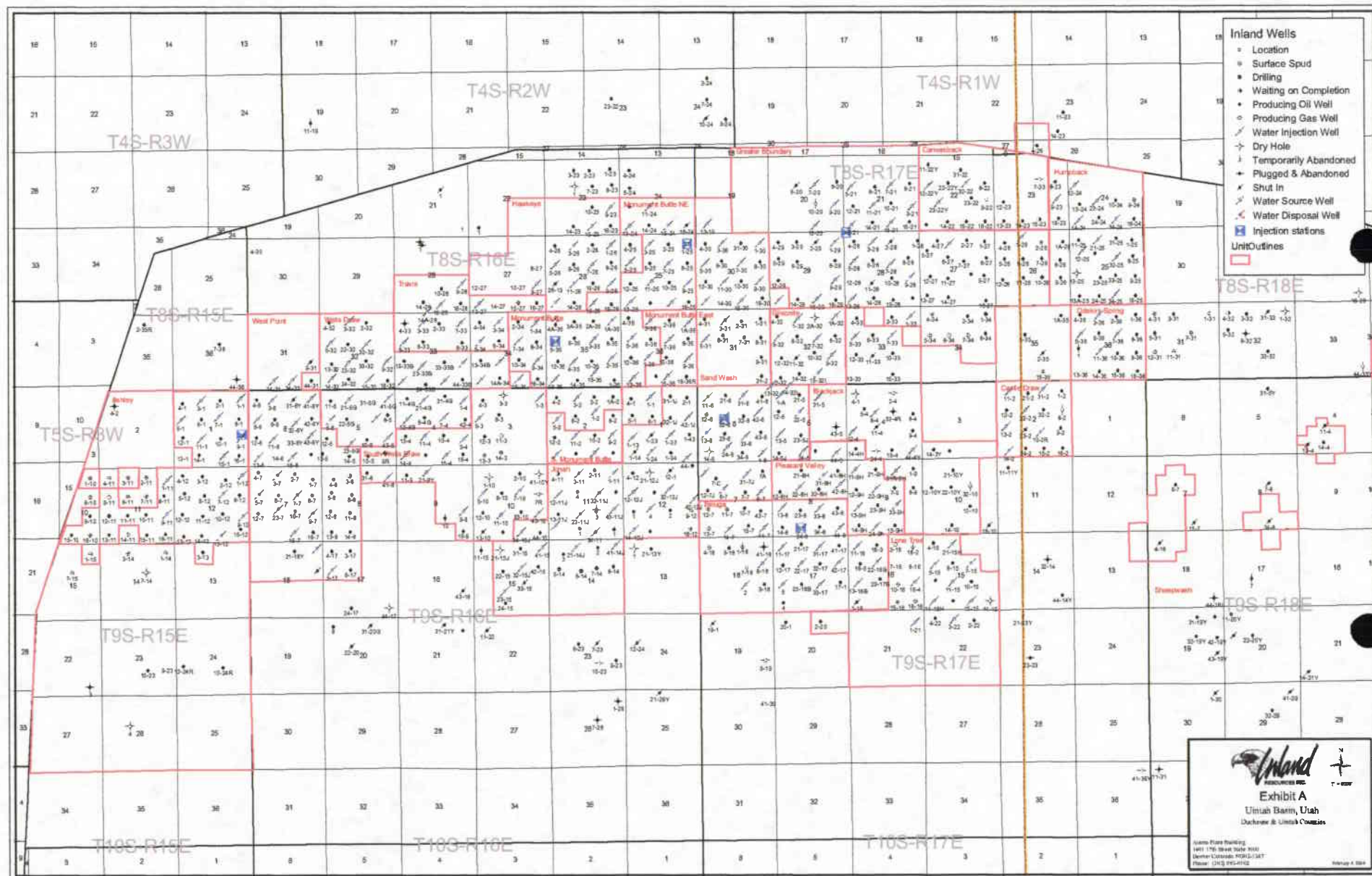
**SCALE: 1" = 2,000'**  
**DRAWN BY: bgm**  
**DATE: 07-09-2004**

**Legend**

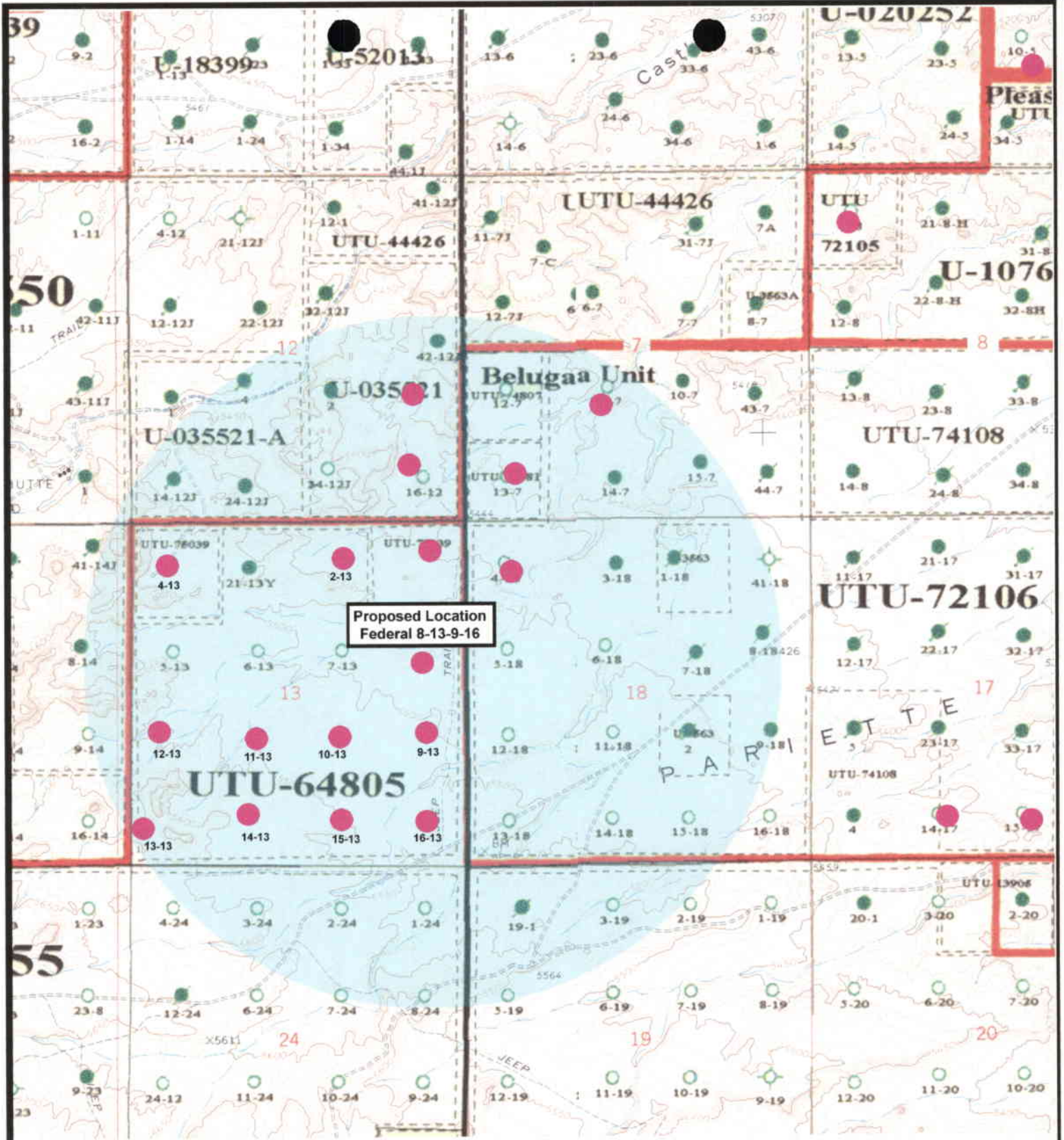
- Roads
- Existing Gas Line
- Proposed Gas Line

**TOPOGRAPHIC MAP**

**"C"**







**Federal 8-13-9-16**  
**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: 07-09-2004

**Legend**

- Well Locations
- One-Mile Radius

**"Exhibit B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

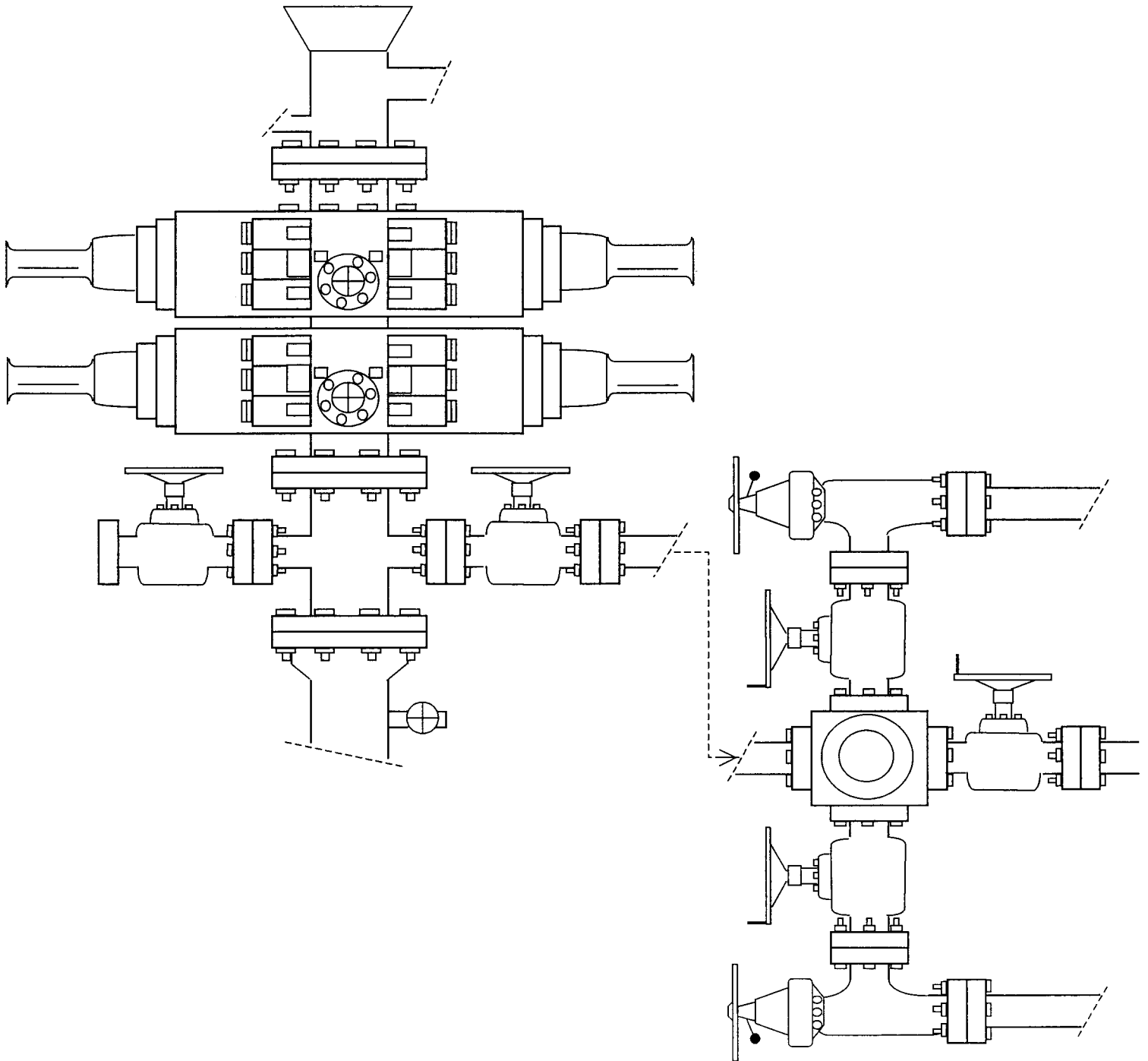


EXHIBIT C

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

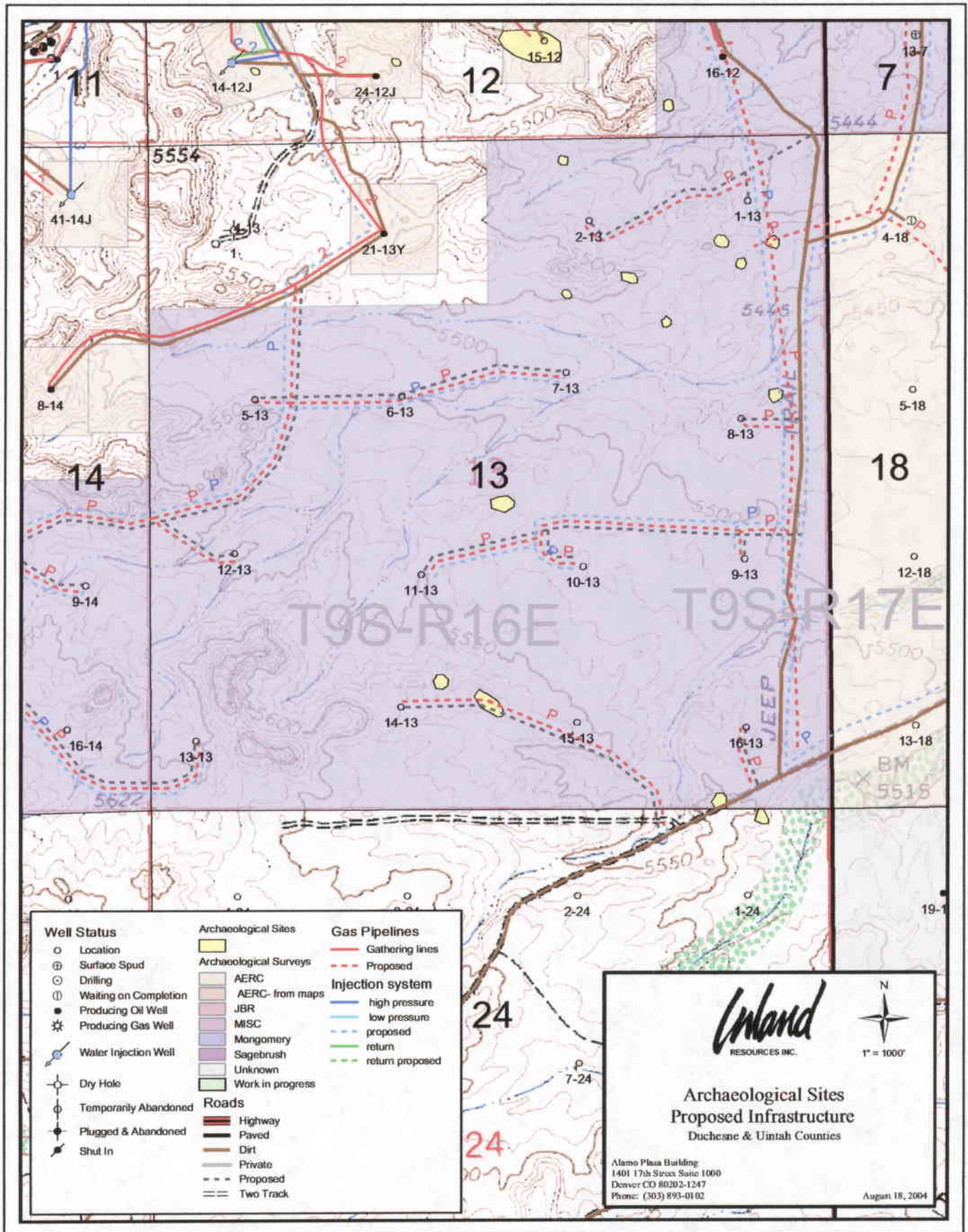
MOAC Report No. 04-44

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





**INLAND RESOURCES, INC.**

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

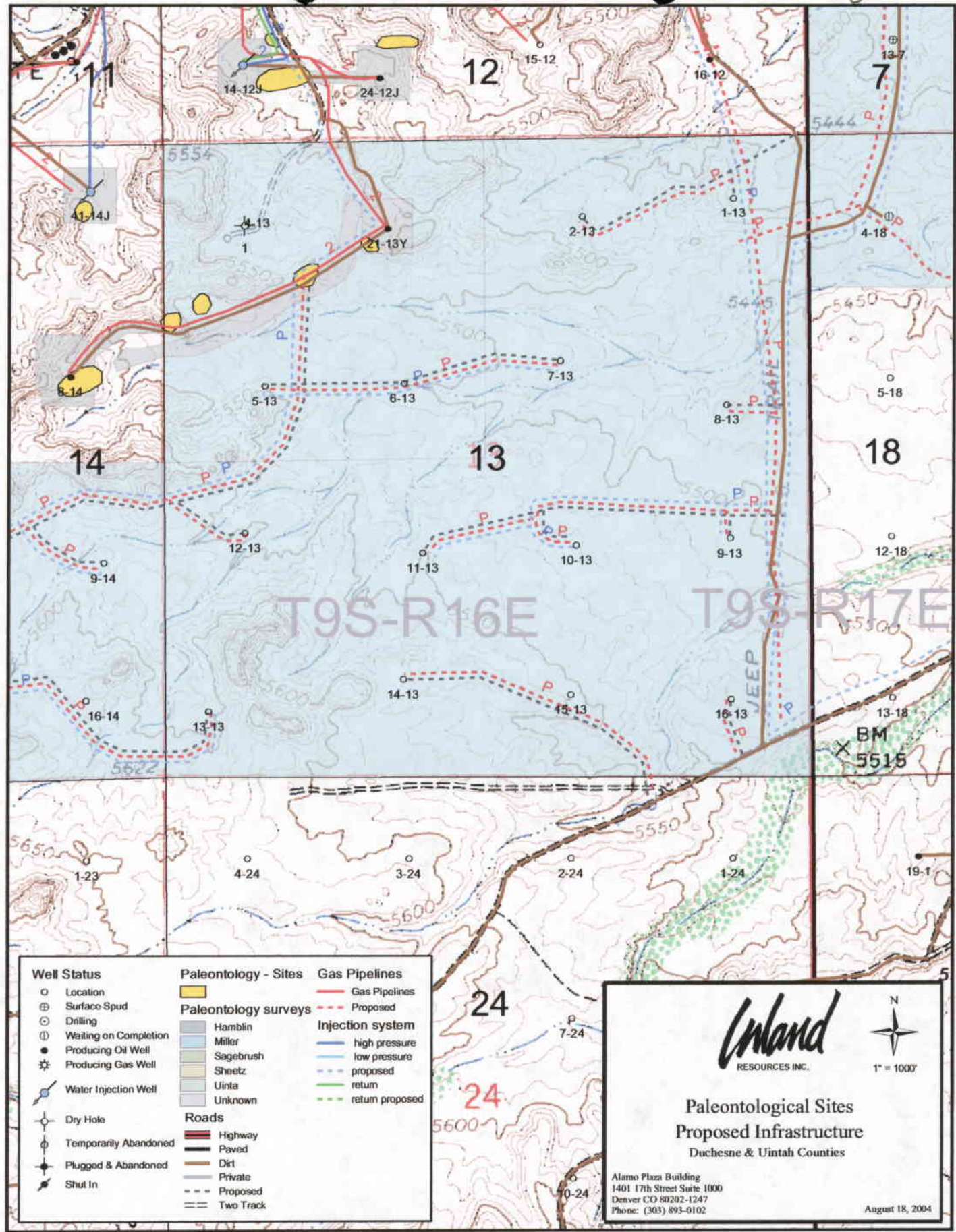
Prepared for:

**Inland Resources, Inc.**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
April 7, 2004





**Inland**  
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

1" = 1000'



WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/20/2004

API NO. ASSIGNED: 43-013-32655

WELL NAME: FEDERAL 8-13-9-16

OPERATOR: INLAND PRODUCTION ( N5160 )

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

## PROPOSED LOCATION:

SENE 13 090S 160E

SURFACE: 2187 FNL 0680 FEL

BOTTOM: 2187 FNL 0680 FEL

DUCHESNE

MONUMENT BUTTE ( 105 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-64805

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.03213

LONGITUDE: -110.0601

## 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 \_\_\_\_\_

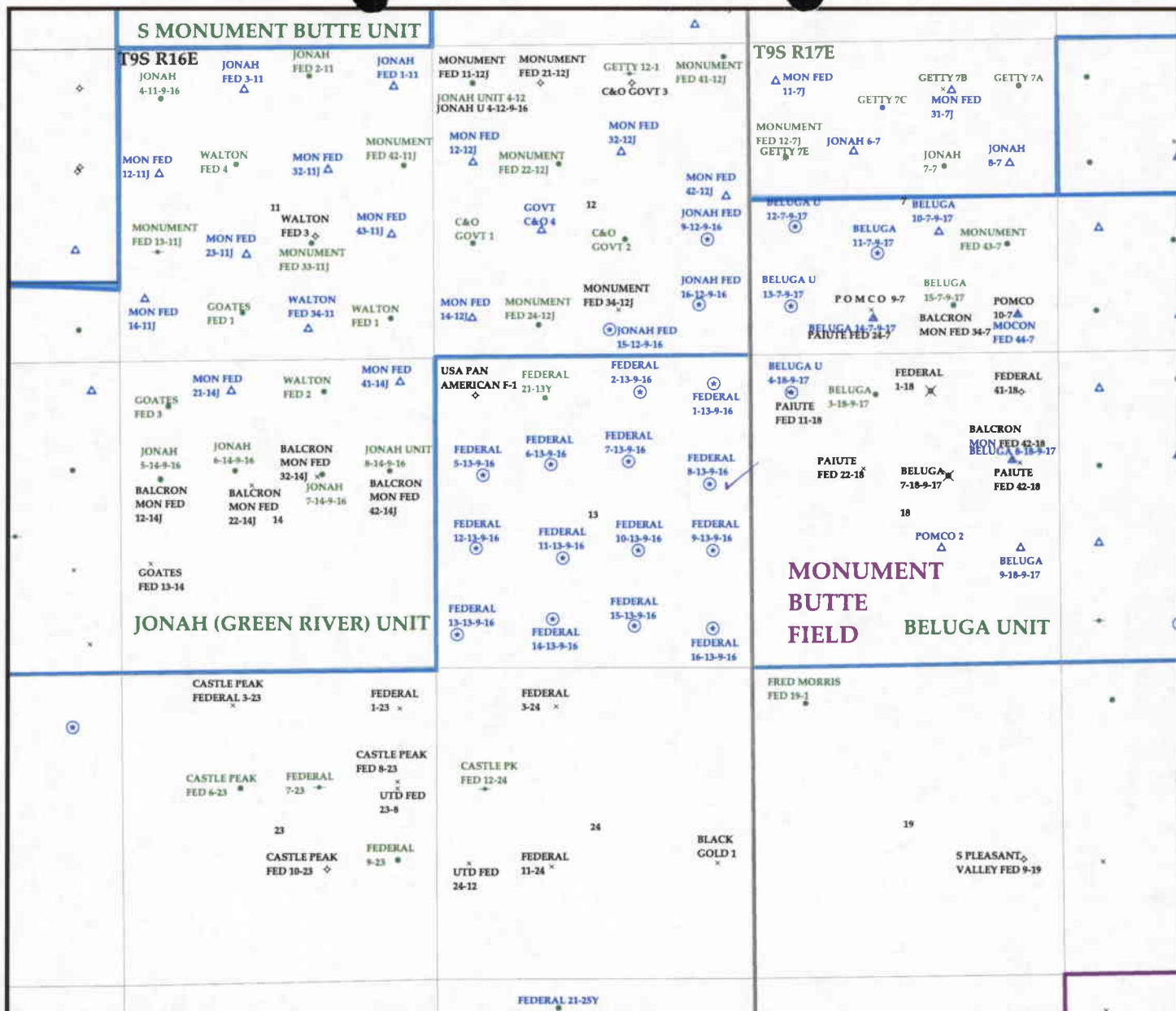
       R649-3-2. GeneralSiting: 460 From Qtr/Qtr & 920' Between Wells☒ R649-3-3. Exception       Drilling Unit

Board Cause No: \_\_\_\_\_

Eff Date: \_\_\_\_\_

Siting: \_\_\_\_\_

       R649-3-11. Directional DrillCOMMENTS: See Separate FileSTIPULATIONS: 1- Federal Approval  
2- Spacing Unit



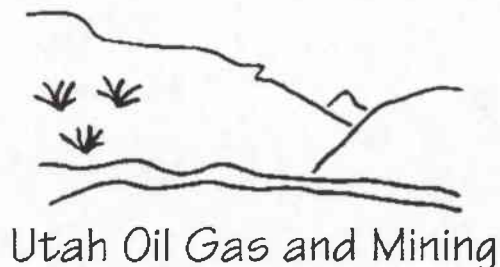
OPERATOR: INLAND PRODUCTION CO (N5160)

SEC. 13 T.9S R.16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

SPACING: R649-3-3 / EXCEPTION LOCATION



Wells	Units.shp	Fields.shp
✱ GAS INJECTION	EXPLORARY	ABANDONED
✱ GAS STORAGE	GAS STORAGE	ACTIVE
✱ LOCATION ABANDONED	NF PP OIL	COMBINED
⊕ NEW LOCATION	NF SECONDARY	INACTIVE
✱ PLUGGED & ABANDONED	PENDING	PROPOSED
✱ PRODUCING GAS	PI OIL	STORAGE
✱ PRODUCING OIL	PP GAS	TERMINATED
✱ SHUT-IN GAS	PP GEOTHERML	
✱ SHUT-IN OIL	PP OIL	
✱ TEMP. ABANDONED	SECONDARY	
✱ TEST WELL	TERMINATED	
⬆ WATER INJECTION		
⬆ WATER SUPPLY		
⬆ WATER DISPOSAL		



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

ok w/ve  
mark m.

distributed 10/13/04

**RECEIVED**

OCT 12 2004

**NEWFIELD**

**MAIL ROOM**

**COPY TO:**

Mark M. - Geo.

**SENT BY:**

Gary Waldrop - Land  
Dept.

Ind  
request  
10.7.04

August 31, 2004

Yates Petroleum Corporation  
Yates Drilling Company  
Myco Industries, Inc.  
Abo Petroleum Corporation  
105 South Fourth Street  
Artesia, New Mexico 88210-2118

**PLEASE NOTIFY THE  
LANDMAN ABOVE OF YOUR  
RECOMMENDATIONS,  
COMMENTS, ETC.**

Attn: Mike Grantham

Re: Exception Locations

Dear Mr. Grantham:

Please be advised that Newfield Production Company (f/k/a Inland Production Company) is requesting approval from the Utah Division of Oil, Gas & Mining for the following exception locations:

Fed 8-13-9-16; 2187' FNL, 680' FEL Sec 13-T9S-R16E; the various Yates associates referenced above have ownership in the SENE (drillsite) and in the adjacent NESE of lease UTU-64805. The exception location is requested due to terrain conditions.

Federal 13-13-9-16; 344' FWL, 555' FSL Sec 13-T9S-R16E; the various Yates associates referenced above have ownership in the drillsite lease UTU-64805. The exception location is requested due to terrain conditions.

Attached please find the corresponding Application to Drill and survey plat copies to assist you in your review. Upon agreement to these locations, please verify your consent by signing and dating where indicated at the bottom of this facsimile. Please return to my attention as soon as possible using the following Inland fax number: 303-893-0103. If I can provide additional information to assist you in your review please do not hesitate to contact me. Thank you for your assistance in this matter.

Sincerely,  
NEWFIELD PRODUCTION COMPANY

*Laurie Deseau*  
Laurie Deseau  
Properties Administrator

AGREED TO THIS 12 NOVEMBER, 2004

*Gary Waldrop*  
Gary Waldrop, Senior Landman

## NEWFIELD



November 15, 2004

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

Re: Exception Locations: (1) Fed 8-13-9-16  
2187' FNL, 680' FEL SENE Sec 13-T9S-16E;  
(2) Fed 13-13-9-16 344' FWL, 555' FSL  
SWSW Sec 13-T9S-R16E  
Duschene Cty., Utah; Lease UTU-64805

Dear Ms. Whitney:

Pursuant to Rule R649-3-3 of the Oil & Gas Rules and Regulations of the State of Utah, Newfield Production Company, Inc. hereby requests an exception location for the drilling of the captioned wells. Rule R649-3-2 requires a well to be located in the center of a forty (40) acre quarter-quarter section, or a substantially equivalent lot or tract, with a tolerance of two hundred (200) feet in any direction from the center.

The above referenced location (1) is an exception location under Rule 649-3-2, being 7' south of the drilling window tolerance for the SENE of Sec 13-T9S-R16E. The enclosed plat depicts the proposed drillsite location and illustrates the deviation from the drilling window, in accordance with Rule R649-3-2. The requested location has been selected due to the extreme terrain. The above referenced location (2) is an exception location under rule 649-3-2, being 120' west of the drilling window tolerance for the SWSW of Sec 13-T9S-R16E. Appropriate plats are enclosed. The requested location has been selected due to the extreme terrain.

Please note the location is completely within Federal lease UTU-64805. The drillsite lease and all surrounding acreage within a four hundred sixty foot (460') radius of the proposed location is owned by Newfield Production Company, Yates Petroleum Corporation, Yates Drilling Company, Myco Industries, Inc. and Abo Petroleum Corporation. We have contacted these owners and their consent to this location is attached.

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

Sincerely,  
NEWFIELD PRODUCTION COMPANY

Laurie Deseau  
Division Order Analyst

RECEIVED

NOV 19 2004

DIV. OF OIL, GAS & MINING



## State of Utah

Department of  
Natural ResourcesROBERT L. MORGAN  
*Executive Director*Division of  
Oil, Gas & MiningLOWELL P. BRAXTON  
*Division Director*OLENE S. WALKER  
*Governor*GAYLE F. McKEACHNIE  
*Lieutenant Governor*

November 22, 2004

Inland Production Company  
Rt. #3, Box 3630  
Myton, UT 84052Re: Federal 8-13-9-16 Well, 2187' FNL, 680' FEL, SE NE, 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.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32655.

Sincerely,

A handwritten signature in dark ink, appearing to read "John R. Baza".  
John R. Baza  
Associate Directorpab  
Enclosurescc: Duchesne County Assessor  
Bureau of Land Management, Vernal District Office

Operator: Inland Production Company  
Well Name & Number Federal 8-13-9-16  
API Number: 43-013-32655  
Lease: UTU-64805

Location: SE NE 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

006

Change of Operator (Well Sold)

Designation of Agent/Operator

## ROUTING

1. GLH

2. CDW

3. FILE

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

9/1/2004

**FROM:** (Old Operator):

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

**TO:** ( 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

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. 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

137  
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 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 8-13-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/NE 2187' FNL 680' FEL At proposed prod. zone			9. API Well No. 43-013-32655
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. 680' ft/se, NA f/unit		16. No. of Acres in lease 560.00	11. Sec., T., R., M., or Blk. and Survey or Area SE/NE Sec. 13, T9S R16E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1,137'		19. Proposed Depth 6500'	12. County or Parish Duchesne
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5479' 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 rig release			

24. Attachments

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

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

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	RECEIVED JUL 12 2005	Date 8/19/04
Title Regulatory Specialist			
Approved by (Signature) <i>Thomas R. Cleaver</i>	Name (Printed/Typed) DIV. OF OIL, GAS & MINING		Date 06/23/2005
Title Assistant Field Manager Mineral 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.

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)

400610  
NOTICE OF APPROVAL  
04J11132A  
CONDITIONS OF APPROVAL ATTACHED  
No NOS

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company  
Well Name & Number: Federal 8-13-9-16  
API Number: 43-013-32655  
Lease Number: U-64805  
Location: SENE 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**

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

-In order to mitigate impacts to mountain plovers, no new construction or surface disturbing activities would 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 and 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 8-13-9-16

Api No: 43-013-32655 Lease Type: FEDERAL

Section 13 Township 09S Range 16E County DUCHESNE

Drilling Contractor NDSI RIG # 1

### **SPUDDED:**

Date 09/02/05

Time 2:30 PM

How DRY

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

Reported by FLOYD MITCHELL

Telephone # 1-435-823-3610

Date 09/02/2005 Signed CHD



RECEIVED  
SEP 08 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 84062

DIV. OF OIL, GAS & MINING  
OPERATOR PACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	14913	43-013-32654	FEDERAL 9-13-9-16	NESE	13	9S	16E	DUCHESNE	08/31/05	9/8/05
WELL 1 COMMENTS: GRRV											
A	99999	14914	43-013-32370	FENCELINE FEDERAL 3-19-8-17	NENW	19	8S	17E	DUCHESNE	08/31/05	9/8/05
WELL 2 COMMENTS: GRRV											
A	99999	14915	43-013-32655	FEDERAL 8-13-9-16	SENE	13	9S	16E	DUCHESNE	09/02/05	9/8/05
WELL 3 COMMENTS: GRRV											
B	99999	14844	43-047-35453	FEDERAL 10-7-9-18	NWSE	7	9S	18E	UINTAH	09/07/05	9/8/05
WELL 4 COMMENTS: GRRV Sundance											
B	99999	14844	43-047-35583	FEDERAL 9-18-9-18	NESE	18	9S	18E	UINTAH	09/06/05	9/8/05
WELL 5 COMMENTS: GRRV Sundance											
B	99999	12419	43-013-32670	ASHLEY FEDERAL 14-14-9-15	SESW	14	9S	15E	DUCHESNE	09/02/05	9/8/05
WELL 6 COMMENTS: GRRV											

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 unit 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
- Z - Other (explain in comments section)

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

Signature: Kim Kettle  
Production Clerk  
Title: September 8, 2005  
Date

09/08/2005 13:49

4356463031

INLAND

7 PAGE

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Newfield Production Company

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone No. (include area code)

435.646.3721

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

2187 FNL 680 FEL

SE/NE 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 8-13-9-16

9. API Well No.

4301332655

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

On 9-02-05 MIRU NDSI spud rig #1. Drill 310' of 12 1/4" hole with air mist. TIH W/7 Jt's 8 5/8" J-55 24# csgn. Set @ 311.97'KB. On 9-09-05 Cement with 160 sks of Class "G" w/ 2% CaCL+ 1/4# Cello Flake. Mixed @ 15.8 ppg> 1.17 cf/sk yeild. Returned 4.6 bbls cement to pit.

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)  
Ray Herrera

Title

Drilling Foreman

Signature

*Ray Herrera*

Date

09/11/2005

**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)

RECEIVED

SEP 14 2005

DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 311.97

LAST CASING 8 5/8" SET AT 311.97'  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 303 LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company  
 WELL Federal 8-13-9-16  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # NDSI NS # 1

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH	
		Shoe Joint 41.10'						
		WHI - 92 csg head			8rd	A	0.95	
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	302.07	
		GUIDE shoe			8rd	A	0.9	
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			301.97	
TOTAL LENGTH OF STRING		301.97	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			311.97	
TOTAL		300.12	7	} COMPARE				
TOTAL CSG. DEL. (W/O THRDS)		300.12	7					
TIMING		1ST STAGE						
BEGIN RUN CSG.		Spud	9/2/2005	2:30 PM	GOOD CIRC THRU JOB			yes
CSG. IN HOLE			9/3/2005	3:00 PM	Bbls CMT CIRC TO SURFACE			4.6 bbls
BEGIN CIRC			9/9/2005	9:03 AM	RECIPROCATED PIPE FOR			THRU FT STROKE
BEGIN PUMP CMT			9/9/2005	9:12 AM				N/A
BEGIN DSPL. CMT			9/9/2005	9:22 AM	BUMPED PLUG TO			247 PSI
PLUG DOWN			9/9/2005	9:28 AM				
CEMENT USED		CEMENT COMPANY- B. J.						
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 Ray Herrera DATE September 9, 2005

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5801.14

Fit cllr @ 5758.22

LAST CASING 8 5/8" SET / 311'

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Federal 8-13-9-16

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE

CONTRACTOR & RIG # Union Rig # 14

TD DRILLER 5820 Loggers T D 5810

HOLE SIZE 7 7/8"

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
	<b>SHJT</b>	<b>6.46 @3741.10</b>					
<b>131</b>	<b>5 1/2"</b>	ETC LT & C casing	<b>15.5#</b>	<b>J-55</b>	<b>8rd</b>	<b>A</b>	5743.62
		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>	44.27
		<b>GUIDE shoe</b>			<b>8rd</b>	<b>A</b>	0.65

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	5803.14
TOTAL LENGTH OF STRING	5803.14	132	LESS CUT OFF PIECE	14
LESS NON CSG. ITEMS	15.25		PLUS DATUM TO T/CUT OFF CSG	12
PLUS FULL JTS. LEFT OUT	88.5	2	CASING SET DEPTH	<b>5801.14</b>

TOTAL	<b>5876.39</b>	134
TOTAL CSG. DEL. (W/O THRDS)	5876.39	134
TIMING	1ST STAGE	2nd STAGE
BEGIN RUN CSG.	10/6/2005	1:00 PM
CSG. IN HOLE	10/6/2005	5:00 PM
BEGIN CIRC	10/6/2005	5:00 PM
BEGIN PUMP CMT	10/6/2005	6:49 PM
BEGIN DSPL. CMT	10/6/2005	19:55
PLUG DOWN	<b>6-Oct</b>	<b>8:21 PM</b>

} COMPARE

GOOD CIRC THRU JOB YES

Bbls CMT CIRC TO SURFACE None

RECIPROCATED PIPE FOR THRUSTROKE /NA

DID BACK PRES. VALVE HOLD ? YES

BUMPED PLUG TO 1963 PSI

CEMENT USED		CEMENT COMPANY- <b>B. J.</b>
STAGE	# SX	CEMENT TYPE & ADDITIVES
<b>1</b>	<b>300</b>	Prem-lite 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 Alvin Nielsen

DATE 10/7/2005

RECEIVED

OCT 11 2005

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Newfield Production Company

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone No. (include area code)

435.646.3721

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

2187 FNL 680 FEL

SE/NE 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 8-13-9-16

9. API Well No.

4301332655

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 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 9-30-05 MIRU Union 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 @ 242'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5820. 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 @ 5801.14' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 475 sks cement mixed @ 14.4 ppg & 1.24 yld. With all spacers returned to pit no cement. Nipple down Bop's. Drop slips @96,000 #'s tension. Release rig 1:00 AM 10/7/05.

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)  
Alvin Nielsen

Title

Drilling Foreman

Signature

*Alvin Nielsen*

Date

10/07/2005

**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

**RECEIVED**

(Instructions on reverse)

**OCT 11 2005**

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
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**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

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435.646.3721

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

2187 FNL 680 FEL

SE/NE Section 13 T9S R16E

5. Lease Serial No.

UTU64805

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8. Well Name and No.

FEDERAL 8-13-9-16

9. API Well No.

4301332655

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	_____

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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

RECEIVED  
NOV 07 2005  
DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct	Title
Name (Printed/ Typed) Mandie Crozier	Regulatory Specialist
Signature <i>Mandie Crozier</i>	Date 11/04/2005

**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 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 the jurisdiction of such department or agency.

(Instructions on reverse)

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
Date: 11-9-05  
By: *[Signature]*

Date

Federal Approval Of This  
Action is Necessary

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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OMB No. 1004-0135  
Expires January 31, 2004

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FEDERAL 8-13-9-16

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

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

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

RECEIVED  
NOV 07 2005  
DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)  
Mandie Crozier

Title

Regulatory Specialist

Signature

Date

11/04/2005

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Approved by

Title

Date

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(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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FEDERAL 8-13-9-16

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	<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	

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Status report for time period 10/25/05 - 11/03/05

Subject well had completion procedures initiated in the Green River formation on 10-25-05 without the use of a service rig over the well. A cement bond log was run and a total of three Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5020'-5028'), (4976'-4986'); Stage #2 (4668'-4692'), (4027'-4034'). 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 11-02-2005. Bridge plugs were drilled out and well was cleaned to 5676'. 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 11-03-2005.

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)  
Lana Nebeker

Signature

Title

Production Clerk

Date

11/09/2005

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

Approved by

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(Instructions on reverse)

NOV 10 2005

DIV. OF OIL, GAS & MINING



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
				7. UNIT AGREEMENT NAME NA
				8. FARM OR LEASE NAME, WELL NO. Federal 8-13-9-16

2. NAME OF OPERATOR Newfield Exploration Company	9. WELL NO. 43-013-32655
---	-----------------------------

3. ADDRESS AND TELEPHONE NO. 1401 17th St. Suite 1000 Denver, CO 80202	10. FIELD AND POOL OR WILDCAT Monument Butte
---	---

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)* At Surface 2187' FNL & 680' FEL (SE/NE) Sec. 13, Twp 9S, Rng 16E At top prod. Interval reported below	11. SEC., T., R., M. OR BLOCK AND SURVEY OR AREA Sec. 13, T9S, R16E
--	--

At total depth	14. API NO. 43-013-32655	DATE ISSUED 11/22/04	12. COUNTY OR PARISH Duchesne	13. STATE UT
----------------	-----------------------------	-------------------------	----------------------------------	-----------------

15. DATE SPUDDED 9/2/05	16. DATE T.D. REACHED 10/5/05	17. DATE COMPL. (Ready to prod.) 11/4/05	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5479' GL 5491' KB	19. ELEV. CASINGHEAD
----------------------------	----------------------------------	---	--	----------------------

20. TOTAL DEPTH, MD & TVD 5820'	21. PLUG BACK T.D., MD & TVD 5756'	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 4027'-5028'	25. WAS DIRECTIONAL SURVEY MADE No
--	---------------------------------------

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log	27. WAS WELL CORED No
--	--------------------------

28. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	312'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5801'	7-7/8"	300 sx Premite II and 475 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 @ 5099'	TA @ 4998'

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	
(A1&3) 4976'-4986', 5020'-5028'	.46"	4/72	4976'-5028'	Frac w/ 97,607# 20/40 sand in 904 bbls fluid	
(C) 4668'-4692'	.43"	4/96	4668'-4692'	Frac w/ 28,966# 20/40 sand in 492 bbls fluid	
(GB6) 4027'-4034'	.43"	4/28	4027'-4034'	Frac w/ 32,224# 20/40 sand in 347 bbls fluid	

33.* PRODUCTION							
DATE FIRST PRODUCTION 11/4/05		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 16' 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. 42	GAS--MCF 25	WATER--BBL. 41	GAS-OIL RATIO 595
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL--BBL.	GAS--MCF	WATER--BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold & Used for Fuel	RECEIVED
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35. LIST OF ATTACHMENTS	DEC 15 2005
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36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.	
SIGNED <i>Mandie Crozier</i> Mandie Crozier	TITLE <u>Regulatory Specialist</u> DIV. OF OIL, GAS & MINING 12/7/2005

\*(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 8-13-9-16	Garden Gulch Mkr	3496	
				Garden Gulch 1	3702'	
				Garden Gulch 2	3816'	
				Point 3 Mkr	4082'	
				X Mkr	4328'	
				Y-Mkr	4365'	
				Douglas Creek Mkr	4490'	
				BiCarbonate Mkr	4729'	
				B Limestone Mkr	4841'	
				Castle Peak	5343'	
				Basal Carbonate	5770'	
				Total Depth (LOGGERS)	5810'	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-64805
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> FEDERAL 8-13-9-16
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2187 FNL 0680 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 13 Township: 09.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43013326550000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<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"/> 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"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <b>9/11/2014</b>				
<input type="checkbox"/> SPUD REPORT Date of Spud:				
<input type="checkbox"/> DRILLING REPORT Report Date:				

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

The subject well has been converted from a producing oil well to an injection well on 09/10/2014. On 09/10/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/11/2014 the casing was pressured up to 1421 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

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

**Date:** ~~September 23, 2014~~

**By:**

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/16/2014	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: \_\_\_\_\_ Date 9/11/14 Time 9:26 am pm

Test Conducted by: Bobby DRAKE

Others Present: \_\_\_\_\_

Well: Federal 8-13-9-16

Field: Monument Butte

Well Location: SE/NE SEC.13, T9S, R16E

API No: 43-013-32655

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1420</u>	psig
5	<u>1421</u>	psig
10	<u>1421</u>	psig
15	<u>1421</u>	psig
20	<u>1421</u>	psig
25	<u>1421</u>	psig
30 min	<u>1421</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 0 psig

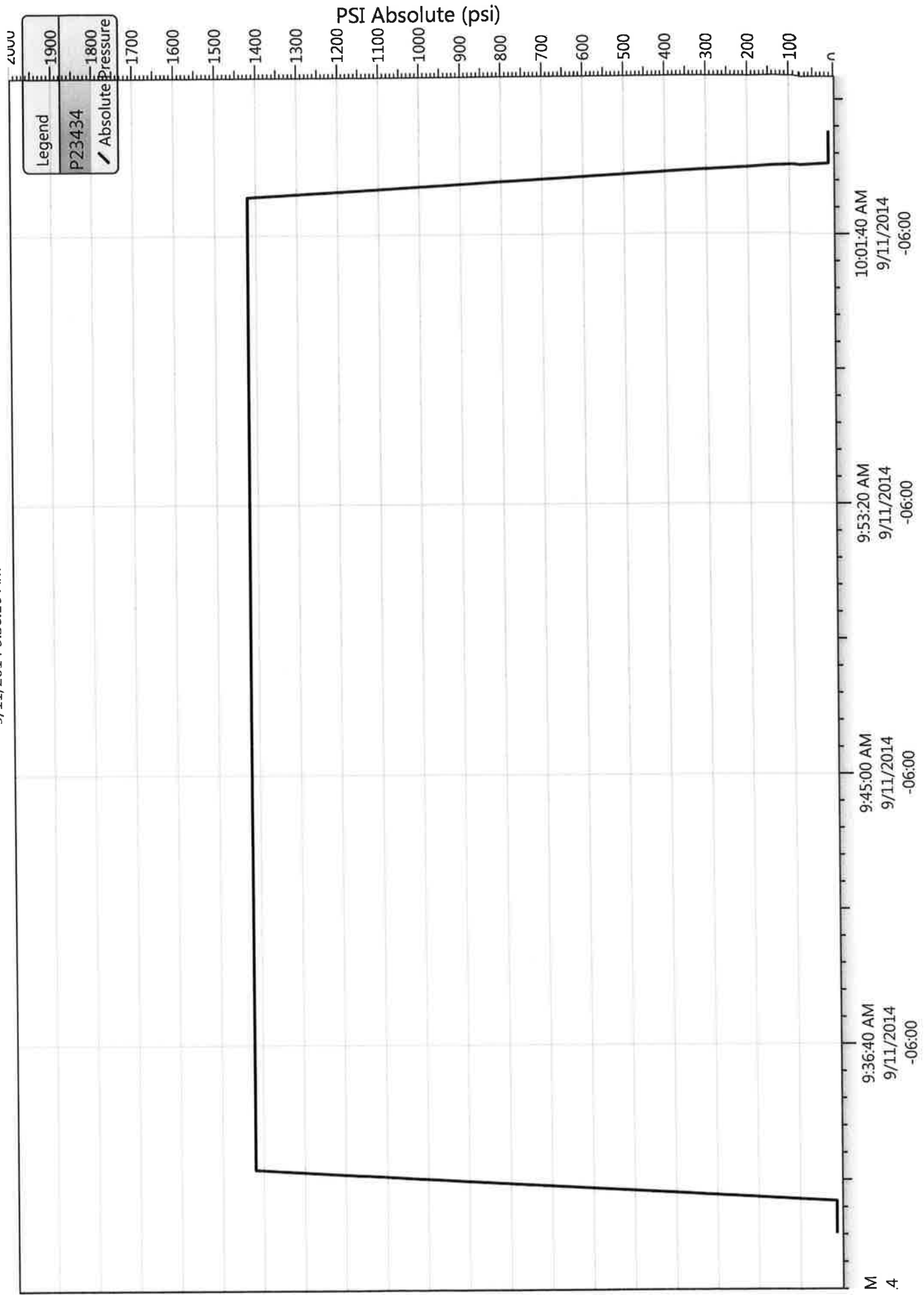
Result: Pass Fail

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

Signature of Person Conducting Test: Bobby Drake

8-13-9-16 State Conversion MIT (9-11-14)

9/11/2014 9:30:10 AM





## Job Detail Summary Report

Well Name: Federal 8-13-9-16

Jobs		Job Start Date	Job End Date
Primary Job Type	Conversion	9/4/2014	9/11/2014

Daily Operations			
Report Start Date	Report End Date	24hr Activity Summary	
9/4/2014	9/4/2014	MIRU	
Start Time	End Time	End Time	Comment
06:00	07:00	07:00	CREW TRAVEL TO LOCATION
07:00	08:00	08:00	SAFETY MEETING (PRE TRIP INSPECTION), CHECK ROADS TO NEW LOCATION FROM ASHLEY FEDERAL 12-24R-9-15
08:00	09:00	09:00	MOVE RIG & EQUIPMENT FROM ASHLEY FEDERAL 12-24R-9-15 TO FEDERAL 8-13-9-16
09:00	11:00	11:00	SPOT IN EQUIPMENT, LEVEL UP RIG, RIG UP, REMOVE HORSES HEAD, FLUSH TUBING W/ 35 BBLs (TUBING HAS A HOLE), LAY DOWN 1 1/2" X 22' POLISH ROD, LAY DOWN 1 - 3/4" X 4' PONY SUB, LAY DOWN 1 - 3/4" X 4' PER GUIDED ROD, RIG UP POLES ON WINCH TRUCK, SPOT IN TRAILER, RIG UP ROD EQUIPMENT
11:00	12:30	12:30	LAY DOWN ONTO TRAILER 98 - 3/4" X 4' PER GUIDED (99 TOTAL), 6 - 3/4" SLICK RODS FLUSH TUBING W/ 25 BBLs @ 250 DEGREES, REMOVE HOT OIL HARD LINE
12:30	14:00	14:00	LAY DOWN ONTO TRAILER W/ 79 - 3/4" SLICK RODS (85 TOTAL ON TRAILER - GOOD), 10 - 3/4" X 4' PER GUIDED RODS - GOOD, 6 - 1" SINKER BARS - GOOD, & 2 1/2" X 1 1/2" RHAC PUMP (JOHN CRANE'S)
14:00	15:00	15:00	RIG UP SAND LINE F/ SAND LINE TAG, RUN IN HOLE & TAG @ 5672', 4' FILL, 644' BELOW BOTTOM PERF @ 5028', 573' BELOW EOT @ 5099', COME OUT OF HOLE, RIG DOWN SAND LINE
15:00	16:30	16:30	BLEED DOWN CASING - SICP - 500 PSI (GAS), CHANGE OVER BLOCKS, SPRAY OFF BOP'S, NIPPLE DOWN WELL HEAD, ADD 2 7/8" N-80 X 8' PUP SUB UNSET 5 1/2" ANCHOR @ 4997', NIPPLE UP BOP'S (FUNCTION TEST PIPE RAMS, BLINDS IN OPEN POSITION), RIG UP FLOOR & TUBING EQUIPMENT, RIG UP HOT OILER, FLUSH TUBING W/ 25 BBLs @ 250 DEGREES
16:30	17:00	17:00	REMOVE LADDER OFF PUMP UNIT, CHANGE OUT SLIP DIES, REMOVE 2 7/8" N-80 X 8' PUP SUB
17:00	18:30	18:30	PULL TO DERRICK W/ 40 JOINTS 2 7/8" J-55 TUBING, BREAK, REDOPE, MAKE UP COLLARS, TALLEY TUBING IN DERRICK, DEPTH STOPPED IS @ 3839', PICK UP TOOLS & LOCATION
18:30	19:30	19:30	SIW SDFN
19:30			CREW TRAVEL HOME FROM LOCATION
Report Start Date	Report End Date	24hr Activity Summary	
9/5/2014	9/5/2014	TOOH W/ TBG, M/U INJECTION PACKER, TIH W/ TBG, PRESSURE TEST TBG, N/D BOP'S, SET PKR, N/U WELLHEAD PRESSURE TEST CASING	
Start Time	End Time	End Time	Comment
06:00	07:00	07:00	CREW TRAVEL TO LOCATION
07:00	07:30	07:30	SAFETY MEETING (PINCH POINTS), CHECK PRESSURE SITP - 25 PSI, SICP - 50 PSI, FLUSH TUBING W/ 30 BBLs @ 250 DEGREES
07:30	09:30	09:30	PULL TO DERRICK W/ 82 JOINTS 2 7/8" J-55 TUBING, BREAK, REDOPE, & MAKE UP COLLARS TALLEY TUBING, FLUSH 10 BBLs DOWN CASING TO CLEAN OUTSIDE OF TUBING



Well Name: Federal 8-13-9-16

## Job Detail Summary Report

Start Time	09:30	End Time	10:30	Comment
				SPOT IN TRAILER T/ LAY DOWN TUBING, LAY DOWN 35 JOINT 2 7/8" J-55 TUBING, REMOVE 5 1/2" 50K ANCHOR, SEAT NIPPLE, & NOTCH COLLAR, FOUND HOLE IN TUBING JOINT # 154 HALF WAY DOWN ABOUT 3" BLOW OUT HOLE
Start Time	10:30	End Time	11:30	Comment
				PICK UP 1 JOINT 2 7/8" J-55 TUBING, MAKE UP 2 7/8" J-55 SEAT NIPPLE, ON/OFF TOOL, 5 1/2" PACKER, 2 7/8" X 2 3/8" CHANGE OVER, 2 3/8" PUP SUB, 2 3/8" XN NIPPLE, RUN IN HOLE FROM DERRICK W/ 122 JOINTS 2 7/8" J-55 TUBING IN THE RAIN
Start Time	11:30	End Time	11:45	Comment
				FLUSH TUBING W/ 10 BBLs, DROP STANDING VALVE, FILL 2 7/8" J-55 TBG W/ 22 BBLs & PRESSURE TUBING T/ 3000 PSI
Start Time	11:45	End Time	15:15	Comment
				WATCH PRESSURE, 15 MIN. LOST 300 PSI, PRESSURE UP T/ 3050 PSI (12:00 PM), 15 MIN. LOST 100 PSI PRESSURE @ 2950 PSI (12:15 PM), 15 MIN LOST 50 PSI PRESSURE UP T/ 3100 PSI (12:30 PM), 15 MIN. LOST 75 PSI (12:45 PM), 15 MIN LOST 75 PSI PRESSURE UP T/ 3050 PSI (1PM), 15 MIN LOST 50 PSI (1:15 PM), 15 MIN LOST 50 PSI PRESSURE UP T/ 3100 PSI (1:30 PM), 15 MIN LOST 50 PSI (1:45 PM), 15 MIN LOST 50 PSI (2PM), 30 MIN LOST 75 PSI PRESSURE UP T/ 3000 PSI (2:30 PM), 15 MIN LOST 0 PSI (2:45 PM), 25 MIN LOST 0 PSI - GOOD TEST (3:10 PM), BLEED DOWN TUBING, REMOVE HARD LINE, REMOVE PRESSURE TEE & PUT IN SWAB TEE, FISH TOOL ALREADY PUT TOGETHER
Start Time	15:15	End Time	15:30	Comment
				PICK UP SAND LINE W/ BABY RED FISH TOOL, RUN INHOLE T/ STAND VALVE @ 3979', LATCH ON & COME OUT OF HO
Start Time	15:30	End Time	16:30	Comment
				RIG DOWN TUBING EQUIPMENT, RIG DOWN FLOOR, NIPPLE DOWN (BASIC ENERGY) BOP'S, SET 5 1/2" INJECTION PACKER @ 3988' W/ 22K # TENTION, NIPPLE UP WELL HEAD, PUMP PACKER FLUID (MULTICHEMICAL) FILL CASING W/ 35 BBLs @ 120 DEGREES, PRESSURE T/ 1500 PSI
Start Time	16:30	End Time	19:00	Comment
				WATCH CASING PRESSURE STARTING 1500 PSI, (PUT STUFF AWAY IN TOOL TRAILER), 20 MIN LOST 325 PSI (4:50 PM), 20 MIN LOST 25 PSI PRESSURE UP T/ 1475 PSI (5:10 PM), 20 MIN LOST 25 PSI (5:30 PM), 15 MIN LOST 15 PSI (5:45 PM), 15 MIN LOST 10 PSI (6PM), 15 MIN LOST 10 PSI (6:15 PM), 15 MIN LOST 0 PSI (6:30 PM), 15 MIN LOST 0 PSI (6:45 PM), 15 MIN LOST 0 PSI (7PM) SIW SDFN
Start Time	19:00	End Time	20:00	Comment
				CREW TRAVEL HOME FROM LOCATION
Report Start Date	9/8/2014	Report End Date	9/8/2014	24hr Activity Summary
Start Time	06:00	End Time	07:00	Comment
				CHECK PRESSURE ON CASING, DO MIT TEST ON CASING, CHANGE OVER BLOCKS, RIG DOWN, MOVE RIG
Start Time	07:00	End Time	07:30	Comment
				CREW TRAVEL TO LOCATION
Start Time	07:30	End Time	08:30	Comment
				SAFETY MEETING (TRIP HAZARDS), CHECK PRESSURES - SITP - 400 PSI, SICP - 350 PSI, BLEED DOWN TUBING & CASING
				NIPPLE DOWN WELL HEAD, RIG UP TUBING TONGS & SLIPS, LAY DOWN 1 JOINT 2 7/8" J-55 TUBING, ADD 1 - 2 7/8" X 8" PUP SUB, SET PACKER @ W/ 22K # TENTION, NIPPLE UP WELL HEAD, RIG DOWN SLIPS & TUBING TONGS, PUMP PACKER FLUID & FILL CASING W/ 5 BBLs @ 80 DEGREES & PRESSURE CASING UP TO 1450 PSI





## Job Detail Summary Report

Well Name: Federal 8-13-9-16

Start Time	08:30	End Time	15:30	Comment
Start Time	15:30	End Time	18:15	Comment
Start Time	18:15	End Time	19:15	Comment
Report Start Date	9/9/2014	Report End Date	9/9/2014	24hr Activity Summary
Start Time	06:00	End Time	07:00	CREW TRAVEL FROM HOME TO LOCATION
Start Time	07:00	End Time	07:30	SAFETY MEETING (TRIP HAZARDS), CHECK PRESSURES SITP - 400 PSI, SICP 500 PSI, BLEED DOWN TUBING & CASING, CASING BLEED OFF AIR UNTIL WATER CAME UP, PRESSURE CASING TO 1500 PSI
Start Time	07:30	End Time	08:00	WATCH PRESSURE ON CASING, 15 MIN LOST 50 PSI (7:45 AM), 15 MIN LOST 50 PSI (8 AM), BLEED OFF WELL
Start Time	08:00	End Time	09:00	NIPPLE OFF WELL HEAD, ADD 2 7/8" N-80 X 10' PUP SUB, UNSET ANCHOR, L/D 10' PUP SUB, NIPPLE UP BOP'S (FUNCTION TEST PIPE RAMS, BLIND RAMS IN OPEN POSITION), RIG UP FLOOR, RIG UP TUBING EQUIPMENT, LAY DOWN 2 7/8" N80 X 8' PUP SUB
Start Time	09:00	End Time	10:00	PULL OUT OF HOLE W/ 2 7/8" J-55 TUBING 50 JOINTS PREHEAT HOT OIL TRUCK FLUSH TUBING W/ 15 BBLs @ 250 DEGREES REMOVE HARD LINES
Start Time	10:00	End Time	10:45	PULL OUT OF HOLE W/ 72 JOINTS 2 7/8" J-55 TUBING, LAY DOWN 5 1/2" PACKER, ON/OFF TOOL, & 2 7/8" J -55 SEAT NIPPLE
Start Time	10:45	End Time	12:00	FUNCTION TEST BLIND RAMS) MAKE UP NEW 5 1/2" PACKER, ON/OFF TOOL, & 2 7/8" SEAT NIPPLE, RUN IN HOLE W/ 121 JOINTS 2 7/8" J-55 TUBING TALL JOINTS SWING ELEVATORS, RAN IN SLOW & STEADY, RIG UP HOT OIL FLUSH CASING W/ 30 BBLs @ 100 DEGREES
Start Time	12:00	End Time	13:00	RIG DOWN TUBING EQUIPMENT, RIG DOWN FLOOR, NIPPLE DOWN BOP'S, SET PACKER @3975 W/ 12' KB (3963' WITHOUT 12' KB) W/18K # TENTION, NIPPLE UP WELL HEAD, HOOK UP HARD LINES, PUMP DOWN PACKER FLUID, FILL CASING W/ 22 BBLs @ 80 DEGREES





# Job Detail Summary Report

Well Name: Federal 8-13-9-16

Start Time	13:00	End Time	18:30	Comment
				PRESSURE CASING TO 1550 PSI, WATCH PRESSURE, 15 MIN LOST 50 PSI (1:15 PM), 15 MIN LOST 50 PSI (1:30 PM), 15 MIN LOST 100 PSI (1:45 PM), 15 MIN LOST 20 PSI (1300 PSI)(2PM), 15 MIN LOST 20 PSI (2:30 PM), 15 MIN LOST 40 PSI (2:45 PM), 17 MIN LOST 10 PSI (3:02 PM), 14 MIN LOST 10 PSI (3:16 PM), 15 MIN LOST 0 PSI (3:31 PM), 14 MIN LOST 0 PSI (3:45 PM), 25 MIN LOST 10 PSI (1470 PSI)(4:10 PM), 20 MIN LOST 0 PSI (4:30 PM), 30 MIN LOST 0 PSI (5 PM), 17 MIN LOST 10 PSI (5:17 PM), 18 MIN LOST 0 PSI (5:35 PM), 25 MIN LOST 0 PSI PRESSURE CASING TO 1720 PSI (6 PM) RACK OUT HOT OIL TRUCK (HELPED) SIW SDFN PRESSURE @ 6:30 PM IS 1720 PSI LOST 0 PSI IN 30 MIN
Start Time	18:30	End Time	19:30	Comment
				CREW TRAVEL HOME FROM LOCATION
Report Start Date	9/10/2014	Report End Date	9/10/2014	24hr Activity Summary
				RIG UP PUMP FOR MIT TEST GOOD TEST
				RIG DOWN PREP FOR MOVE
Start Time	06:00	End Time	07:00	Comment
				CREW TRAVEL TO LOCATION
Start Time	07:00	End Time	09:15	Comment
				SAFETY MEETING (INSPECTION OF EQUIPMENT BEFORE USAGE) CHECK PRESSURES SICP - 1600 PSI, SITP - 400 PSI, BLEED DOWN TUBING, WATCH PRESSURES ON CASING
Start Time	09:15	End Time	09:45	Comment
				RIG UP PUMP FOR MIT TEST, MIT TEST START PRESSURE 1440.2 PSI ENDING PRESSURE 1441.8 PSI - GOOD MIT TEST
Start Time	09:45	End Time	10:30	Comment
				RIG DOWN PREP TO MOVE RIG TO NEW LOCATION - CASTLE PEAK FEDERAL 24-15-9-16 SIW FINAL RIG REPORT
Report Start Date	9/11/2014	Report End Date	9/11/2014	24hr Activity Summary
				Conduct MIT
Start Time	09:30	End Time	10:00	Comment
				On 09/10/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/11/2014 the casing was pressured up to 1421 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

## NEWFIELD

## Schematic

Well Name: Federal 8-13-9-16

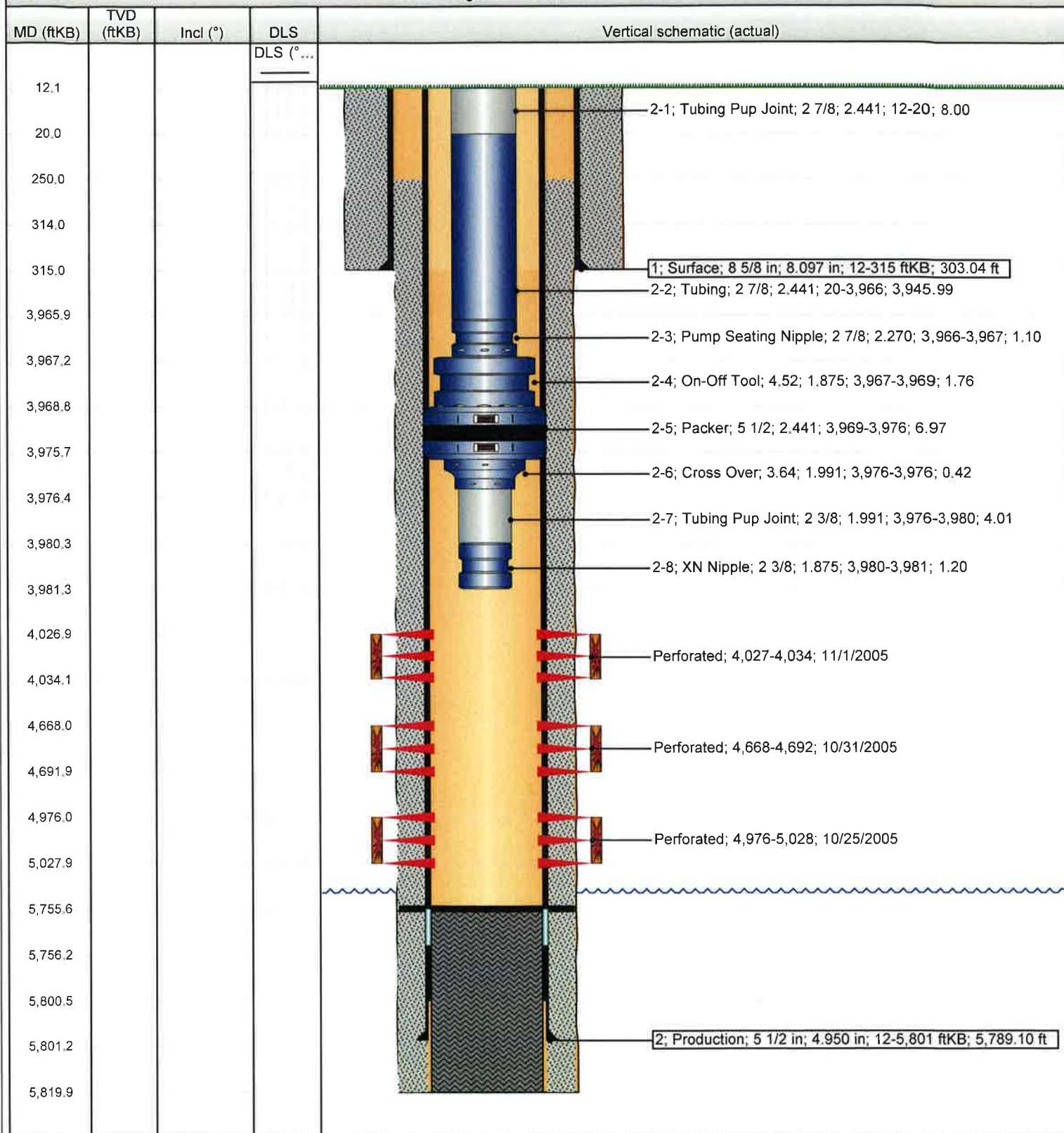
Surface Legal Location 2187' FNL & 680' FEL SE/NE SECTION 13-T9S-R16E			API/UWI 43013326550000	Well RC 500151341	Lease	State/Province Utah	Field Name GMBU CTB5	County DUCHESNE
Spud Date	Rig Release Date	On Production Date 11/4/2005	Original KB Elevation (ft) 5,491	Ground Elevation (ft) 5,479	Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB) Original Hole - 5,755.5	

## Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 9/4/2014	Job End Date 9/11/2014
---------------------------------------	--------------------------------	-----------------------------	----------------------------	---------------------------

TD: 5,820.0

Vertical - Original Hole, 9/15/2014 8:14:12 AM



**NEWFIELD****Newfield Wellbore Diagram Data  
Federal 8-13-9-16**

Surface Legal Location 2187' FNL & 680' FEL SE/NE SECTION 13-T9S-R16E			API/UWI 43013326550000	Lease
County DUCHESNE	State/Province Utah	Basin Uintah Basin	Field Name GMBU CTB5	
Well Start Date 9/2/2005	Spud Date	Final Rig Release Date	On Production Date 11/4/2005	
Original KB Elevation (ft) 5,491	Ground Elevation (ft) 5,479	Total Depth (ftKB) 5,820.0	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,755.5

**Casing Strings**

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	9/2/2005	8 5/8	8.097	24.00	J-55	315
Production	10/7/2005	5 1/2	4.950	15.50	J-55	5,801

**Cement****String: Surface, 315ftKB 9/3/2005**

Cementing Company BJ Services Company	Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 315.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake	Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0

**String: Production, 5,801ftKB 10/7/2005**

Cementing Company BJ Services Company	Top Depth (ftKB) 250.0	Bottom Depth (ftKB) 5,820.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description Premite II w/ 10% gel + 3 % KCL, 3#/s /sk CSE + 2# sk/kolseal + 1/4#/s/sk Cello Flake	Fluid Type Lead	Amount (sacks) 300	Class PLII	Estimated Top (ftKB) 250.0
Fluid Description 50/50 poz W/ 2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM	Fluid Type Tail	Amount (sacks) 475	Class 50:50	Estimated Top (ftKB) 2,500.0

**Tubing Strings**

Tubing Description Tubing					Run Date 9/10/2014	Set Depth (ftKB) 3,981.5		
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Pup Joint	1	2 7/8	2.441		N-80	8.00	12.0	20.0
Tubing	123	2 7/8	2.441	6.50	J-55	3,945.99	20.0	3,966.0
Pump Seating Nipple	1	2 7/8	2.270			1.10	3,966.0	3,967.1
On-Off Tool	1	4.515	1.875			1.76	3,967.1	3,968.9
Packer	1	5 1/2	2.441			6.97	3,968.9	3,975.8
Cross Over	1	3.635	1.991			0.42	3,975.8	3,976.2
Tubing Pup Joint	1	2 3/8	1.991			4.01	3,976.2	3,980.3
XN Nipple	1	2 3/8	1.875			1.20	3,980.3	3,981.5

**Rod Strings**

Rod Description				Run Date		Set Depth (ftKB)	
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

**Perforation Intervals**

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (*)	Nom Hole Dia (in)	Date
3	GB6, Original Hole	4,027	4,034	4	120		11/1/2005
2	C, Original Hole	4,668	4,692	4	90		10/31/2005
1	A1 & A3, Original Hole	4,976	5,028	4	120		10/25/2005

**Stimulations & Treatments**

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,200	0.87	25.0	2,104			
2	1,800	0.82	25.0	1,805			
3	1,900	0.91	25.0	1,848			

**Proppant**

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 97607 lbs
2		Proppant White Sand 48966 lbs
3		Proppant White Sand 32224 lbs

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-64805
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> FEDERAL 8-13-9-16
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2187 FNL 0680 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 13 Township: 09.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43013326550000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<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		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/26/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<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"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;">           The above reference well was put on injection at 12:50 PM on            09/26/2014.         </div> <div style="width: 35%; text-align: right;"> <b>Accepted by the            Utah Division of            Oil, Gas and Mining            FOR RECORD ONLY            September 29, 2014</b> </div> </div>		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/29/2014	





GARY R. HERBERT  
Governor

SPENCER J. COX  
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-418

**Operator:** Newfield Production Company  
**Well:** Federal 8-13-9-16  
**Location:** Section 13, Township 9 South, Range 16 East  
**County:** Duchesne  
**API No.:** 43-013-32655  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on April 16, 2014.
2. Maximum Allowable Injection Pressure: 1,770 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,813' – 5,676').
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

  
John Rogers  
Associate Director

9/24/2014  
Date

JR/MLR/js

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

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





GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

April 16, 2014

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

Subject: Greater Monument Butte Unit Well: Federal 8-13-9-16, Section 13, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-32655

Newfield Production Company:

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 3,813 feet in the Federal 8-13-9-16 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

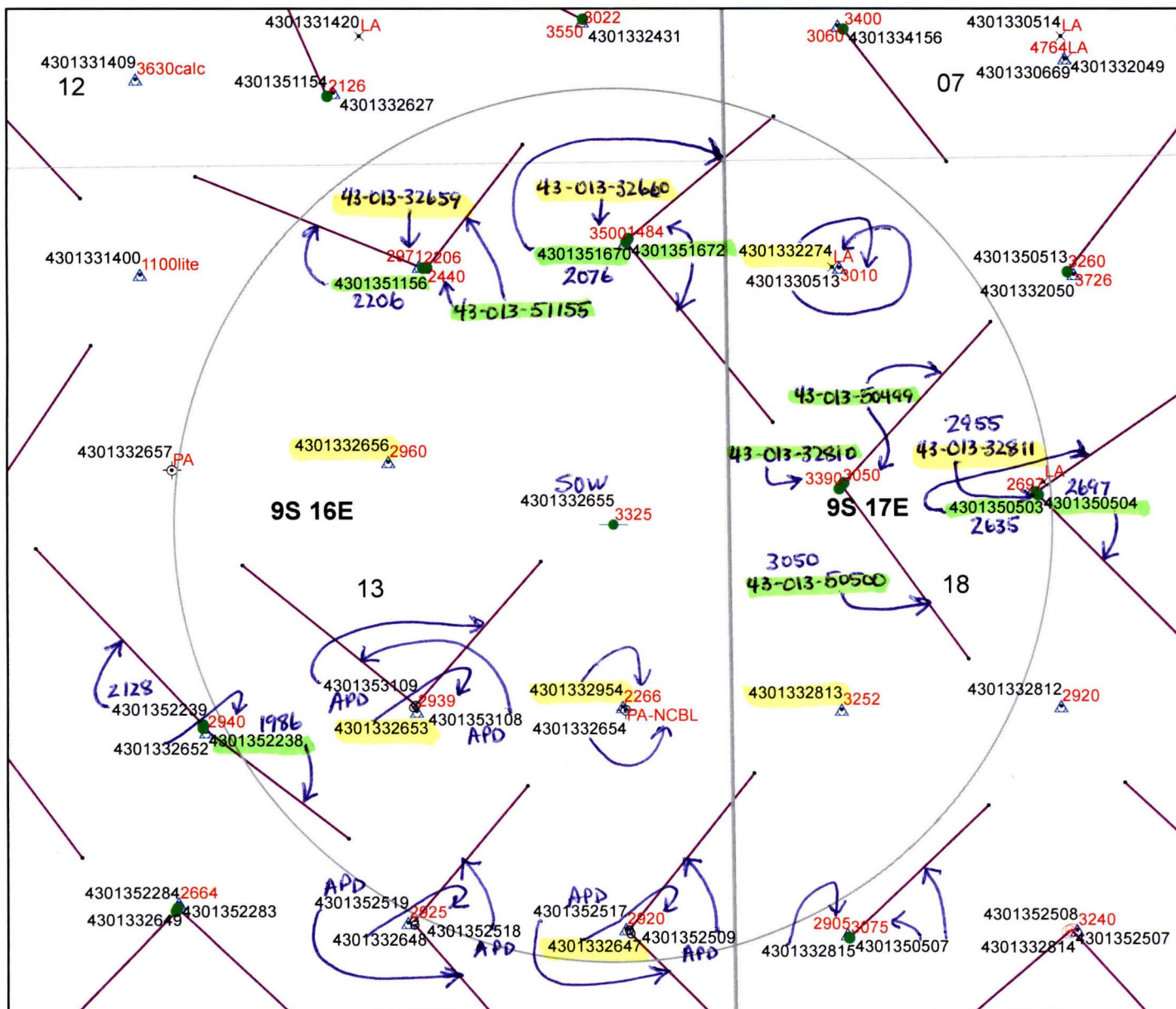
JR/MLR/js

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







### Legend

#### Oil & Gas Well Type

- APD-Approved Permit
- ⊙ DRL-Spudded (Drilling Commenced)
- ⚡ GIW-Gas Injection Well
- <sub>GS</sub> GSW-Gas Storage Well
- × LA-Location Abandoned
- LOC-New Location Well
- ⊖ OPS-Drilling Operations Suspended
- ⊙ PA-Pugged & Abandoned
- ⚡ PGW-Producing Gas Well
- POW-Producing Oil Well
- ▲ RET-Returned APD
- ⚡ SGW-Shut-in Gas Well
- SOW-Shut-in Oil Well
- ⊗ TA-Temp Abandoned
- TW-Test Well
- ⚡ WDW-Water Disposal Well
- △ WIW-Water Injection Well
- WSW-Water Supply Well

## Cement Bond Tops Federal 8-13-9-16 API #43-013-32655 UIC-418.8

(updated 9/24/2014)

0 0.05 0.1 0.2 0.3 0.4 Miles

1870 calc = approximate cement top  
calculated from well completion report

- 4585 Depth to top of suitable cement bond
- Well Bottom Hole Location
- Oil & Gas Wells Hole Directional Path
- Wells-CbltopsMaster 1-31-13
- DNR Oil Gas Wells Buffer
- County Boundaries
- PLSS Sections
- PLSS Townships



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

**Applicant:** Newfield Production Company

**Well:** Federal 8-13-9-16

**Location:** 13/9S/16E

**API:** 43-013-32655

**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 312 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,801 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,325 feet or higher. A 2 7/8 inch tubing with a packer will be set at 3,977 feet. Higher perforations may be opened at a later date. A mechanical integrity test will be run on the well prior to injection. At the time of this revision (9/24/2014), based on surface locations, there are 9 producing wells, 9 injection wells, 1 shut-in well (the proposed injection well), and 1 P/A well in the AOR. Four of the producing wells are directionally drilled, with surface locations inside the AOR and bottom hole locations outside the AOR. In addition, there is 1 directional producing well with a surface location outside the AOR and a bottom hole location inside the AOR. Finally, there is 1 approved surface location inside the AOR, from which a directional well will be drilled to a bottom hole location outside the AOR and 1 approved surface location outside the AOR for a directional well to a bottom hole inside the AOR. All of the existing 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 1400 feet. Injection shall be limited to the interval between 3,813 feet and 5,676 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 8-13-9-16 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 1,770 psig. The requested maximum pressure is 1,770 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 8-13-9-16**

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: 4/15/2014 (revised 9/24/2014)

4770 S. 5600 W.  
P.O. BOX 704005  
WEST VALLEY CITY, UTAH 84170  
FED. TAX I.D.# 87-0217663  
801-204-6910

The Salt Lake Tribune

MEDIAONE

Deseret News

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, Rose Noltan 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	900	MAR 05 2014

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE
8015385340	0000941195 /
SCHEDULE	
Start 02/22/2014	End 02/22/2014
CUST. REF. NO.	
Newfield Cause UIC-418	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NAT	
SIZE	
96 Lines	2.00 COLUMN
TIMES	RATE
3	
MISC. CHARGES	AD CHARGES
TOTAL COST	
327.56	

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT  
**BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STA**  
**CAUSE NO. UIC-418 IN THE MATTER OF THE APPLICA** FOR **DIV OF OIL-GAS & MINING**, WAS PUBLISHED  
COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS  
ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, S  
NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE, FOR THE REASON THAT  
UTAHLEGALS.COM INDEFINATELY COMPLIES WITH UTAH DIGITAL SIGNATURE ACT UTAH CODE 46-2-101, 46-3-104.

PUBLISHED ON Start 02/22/2014 End 02/22/2014

SIGNATURE [Signature]

DATE 2/25/2014

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"  
PLEASE PAY FROM BILLING STATEMENT

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-418

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 25 AND 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 9, 13, 16, 17, 20, 22, AND 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

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

Greater Monument Butte Unit:  
Ashley Federal 14-25-9-15 well located in SE/4 SW/4, Section 25, Township 9 South, Range 15 East  
API 43-013-32912  
Ashley Federal 16-25-9-15 well located in SE/4 SE/4, Section 25, Township 9 South, Range 15 East  
API 43-013-32951  
Ashley Federal 14-26-9-15 well located in SE/4 SW/4, Section 26, Township 9 South, Range 15 East  
API 43-013-32907  
Ashley Federal 16-26-9-15 well located in SE/4 SE/4, Section 26, Township 9 South, Range 15 East  
API 43-013-32913  
Federal 14-9-9-16 well located in SE/4 SW/4, Section 9, Township 9 South, Range 16 East  
API 43-013-33052  
South Wells Draw 16-9-9-16 well located in SE/4 SE/4, Section 9, Township 9 South, Range 16 East  
API 43-013-32044  
Federal 2-13-9-16 well located in NW/4 NE/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32659  
Federal 8-13-9-16 well located in SE/4 NE/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32653  
Federal 14-13-9-16 well located in SE/4 SW/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32649  
State 16-1-O well located in SW/4 SE/4, Section 16, Township 9 South, Range 16 East  
API 43-013-31022  
Federal 9-17-9-16 well located in NE/4 SE/4, Section 17, Township 9 South, Range 16 East  
API 43-013-33032  
Federal 10-20-9-16 well located in NW/4 SE/4, Section 20, Township 9 South, Range 16 East  
API 43-013-33108  
Monument Federal 11-22-9-16Y well located in NW/4 NW/4, Section 22, Township 9 South, Range 16 East  
API 43-013-31647  
Federal 7-23 well located in SW/4 NE/4, Section 23, Township 9 South, Range 16 East  
API 43-013-30662

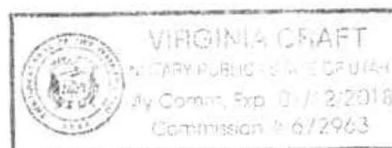
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

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 intervenors must be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 18th day of February, 2014.  
STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
[Signature]  
Brad Hill  
Permitting Manager

941195 UPAXLP



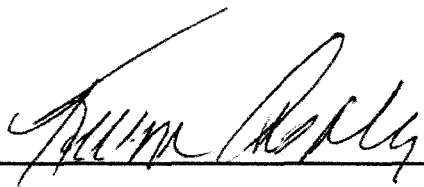
Virginia Craft  
NOTARY SIGNATURE

2250/REB/GEOLOGIC ADMIN/GF13/0131

# AFFIDAVIT OF PUBLICATION

County of Duchesne,  
STATE OF UTAH

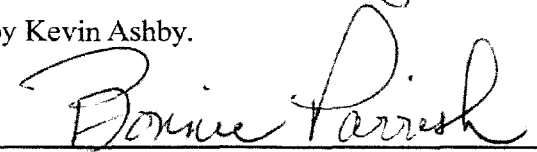
I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 25 day of February, 20 14, and that the last publication of such notice was in the issue of such newspaper dated the 25 day of February, 20 14, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

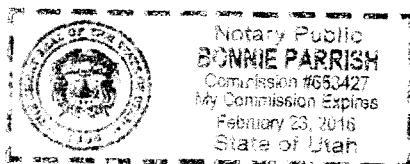
  
\_\_\_\_\_  
Publisher

Subscribed and sworn to before me on this

26 day of February, 20 14

by Kevin Ashby.

  
\_\_\_\_\_  
Notary Public



## BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPART- MENT OF NATURAL RESOURCES, STATE OF UTAH, NOTICE OF AGENCY ACTION, CAUSE NO. UIC-418

IN THE MATTER  
OF THE APPLICA-  
TION OF NEW-  
FIELD PRODUC-  
TION COMPANY  
FOR ADMINISTRA-  
TIVE APPROVAL  
OF CERTAIN  
WELLS LOCATED  
IN SECTIONS 25  
and 26, TOWNSHIP  
9 SOUTH, RANGE  
15 EAST, and  
SECTIONS 9, 13,  
16, 17, 20, 22, and  
23, TOWNSHIP 9  
SOUTH, RANGE 16  
EAST, DUCHESNE  
COUNTY, UTAH,  
AS CLASS II INJE-  
CTION WELLS.

THE STATE OF  
UTAH TO ALL PER-  
SONS INTERESTED  
IN THE ABOVE  
ENTITLED MAT-  
TER.

Notice is hereby  
given that the Divi-  
sion of Oil, Gas and  
Mining (the "Divi-  
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an informal adjudi-  
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to consider the ap-  
plication of Newfield  
Production Company,  
1001 17th Street,  
Suite 2000, Denver,  
Colorado 80202, tele-

25-9-15 well located  
in SE/4 SE/4, Section  
25, Township 9  
South, Range 15 East  
API 43-013-32951  
Ashley Federal 14-  
26-9-15 well located  
in SE/4 SW/4, Sec-  
tion 26, Township 9  
South, Range 15 East  
API 43-013-32907  
Ashley Federal 16-  
26-9-15 well located  
in SE/4 SE/4, Section  
26, Township 9  
South, Range 15 East  
API 43-013-32913  
Federal 14-9-9-16  
well located in SE/4  
SW/4, Section 9,  
Township 9 South,  
Range 16 East  
API 43-013-33053  
South Wells Draw  
16-9-9-16 well  
located in SE/4 SE/4,  
Section 9, Township  
9 South, Range 16  
East  
API 43-013-32044  
Federal 2-13-9-16  
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NE/4, Section 13,  
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API 43-013-32659  
Federal 8-13-9-16  
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API 43-013-33032  
Federal 10-20-9-16  
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API 43-013-33108  
Monument Federal  
11-22-9-16Y well lo-  
cated in NW/4 NW/4,  
Section 22, Township

City, UT 84114-5801,  
phone number (801)  
538-5340. If such  
a protest or notice  
of intervention is  
received, a hearing  
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aforementioned ad-  
ministrative procedur-  
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should be prepared  
to demonstrate at  
the hearing how this  
matter affects their  
interests.

Dated this 18th day  
of February, 2014.

STATE OF UTAH  
DIVISION OF  
OIL, GAS & MIN-  
ING

/s/  
Brad Hill  
Permitting Man-  
ager

Published in the  
Utah Basin Stan-  
dard February 25, 2014.

Formation will be  
used for water injec-  
tion. The maximum  
requested injection  
pressures and rates  
will be determined  
based on fracture  
gradient informa-  
tion submitted by  
Newfield Production  
Company.

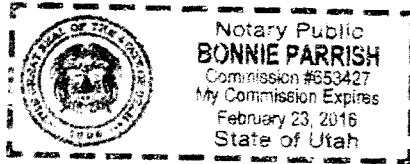
Any person  
desiring to object to  
the application or  
otherwise intervene  
in the proceeding,  
must file a written  
protest or notice of  
intervention with  
the Division within  
fifteen days following  
publication of this  
notice. The Division's  
Presiding Officer  
for the proceeding is  
Brad Hill, Permitting  
Manager, at P.O. Box  
145801, Salt Lake



26 day of February, 20 14

by Kevin Ashby.

Bonnie Parrish  
Notary Public



IN SECTIONS 25  
and 26, TOWNSHIP  
9 SOUTH, RANGE  
15 EAST, and  
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Ashley Federal 16-

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Range 16 East  
API 43-013-33108  
Monument Federal  
11-22-9-16Y well lo-  
cated in NW/4 NW/4,  
Section 22, Township  
9 South, Range 16  
East

API 43-013-31647  
Federal 7-23 well  
located in SW/4  
NE/4, Section 23,  
Township 9 South,  
Range 16 East  
API 43-013-30662

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

Selected zones  
in the Green River

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-418

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 25 and 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, and SECTIONS 9, 13, 16, 17, 20, 22, and 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

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

Greater Monument Butte Unit:

Ashley Federal 14-25-9-15 well located in SE/4 SW/4, Section 25, Township 9 South, Range 15 East  
API 43-013-32912  
Ashley Federal 16-25-9-15 well located in SE/4 SE/4, Section 25, Township 9 South, Range 15 East  
API 43-013-32951  
Ashley Federal 14-26-9-15 well located in SE/4 SW/4, Section 26, Township 9 South, Range 15 East  
API 43-013-32907  
Ashley Federal 16-26-9-15 well located in SE/4 SE/4, Section 26, Township 9 South, Range 15 East  
API 43-013-32913  
Federal 14-9-9-16 well located in SE/4 SW/4, Section 9, Township 9 South, Range 16 East  
API 43-013-33053  
South Wells Draw 16-9-9-16 well located in SE/4 SE/4, Section 9, Township 9 South, Range 16 East  
API 43-013-32044  
Federal 2-13-9-16 well located in NW/4 NE/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32659  
Federal 8-13-9-16 well located in SE/4 NE/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32655  
Federal 14-13-9-16 well located in SE/4 SW/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32649  
State 16-1-O well located in SW/4 SE/4, Section 16, Township 9 South, Range 16 East  
API 43-013-31022  
Federal 9-17-9-16 well located in NE/4 SE/4, Section 17, Township 9 South, Range 16 East  
API 43-013-33032  
Federal 10-20-9-16 well located in NW/4 SE/4, Section 20, Township 9 South, Range 16 East  
API 43-013-33108  
Monument Federal 11-22-9-16Y well located in NW/4 NW/4, Section 22, Township 9 South, Range 16 East  
API 43-013-31647  
Federal 7-23 well located in SW/4 NE/4, Section 23, Township 9 South, Range 16 East  
API 43-013-30662

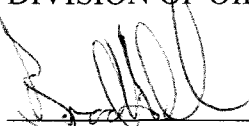
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

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 18th day of February, 2014.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

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

Brad Hill  
Permitting Manager

**Newfield Production Company**

**ASHLEY FEDERAL 14-25-9-15, ASHLEY FEDERAL 16-25-9-15,  
ASHLEY FEDERAL 14-26-9-15, ASHLEY FEDERAL 16-26-9-15,  
FEDERAL 14-9-9-16, SOUTH WELLS DRAW 16-9-9-16,  
FEDERAL 2-13-9-16, FEDERAL 8-13-9-16, FEDERAL 14-13-9-16,  
STATE 16-1-O, FEDERAL 9-17-9-16, FEDERAL 10-20-9-16,  
MONUMENT FEDERAL 11-22-9-16Y, FEDERAL 7-23.**

**Cause No. UIC-418**

Publication Notices were sent to the following:

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

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

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

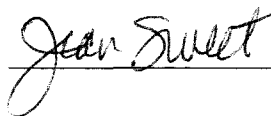
Vernal Office  
Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078

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

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

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

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

  
\_\_\_\_\_



GARY R. HERBERT  
*Governor*

SPENCER J. COX  
*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*

February 20, 2014

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-418

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

2/24/2014

State of Utah Mail - Re: Notice of Agency Action - Newfield Production Company Cause No. UIC-418



Jean Sweet <jsweet@utah.gov>

---

## Re: Notice of Agency Action - Newfield Production Company Cause No. UIC-418

---

1 message

**UB Standard Legals** <ubslegals@ubmedia.biz>

Thu, Feb 20, 2014 at 3:52 PM

To: Jean Sweet <jsweet@utah.gov>

On 2/20/2014 9:52 AM, 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.

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 Division of Oil, Gas and Mining  
801-538-5329

Received. It will be published Feb. 25.

Thank you.

Cindy



GARY R. HERBERT  
Governor

SPENCER J. COX  
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

February 20, 2014

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-418

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



## Order Confirmation for Ad #0000941195-01

<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. BOX SALT LAKE CITY, UT 84114
<b>Fax</b>	801-359-3940	<b>Ordered By</b>	<b>Acct. Exec</b>
<b>EMail</b>	juliecarter@utah.gov	Jean	kstowe

<b>Total Amount</b>	<b>\$327.56</b>			
<b>Payment Amt</b>	<b>\$0.00</b>			
<b>Amount Due</b>	<b>\$327.56</b>	<b>Tear Sheets</b>	<b>Proofs</b>	<b>Affidavits</b>
		0	0	1
<b>Payment Method</b>		<b>PO Number</b>	Newfield Cause UIC-4	
<b>Confirmation Notes:</b>				
<b>Text:</b>	Jean			

<b>Ad Type</b>	<b>Ad Size</b>	<b>Color</b>
Legal Liner	2.0 X 96 Li	<NONE>

<b>Product</b>	<b>Placement</b>	<b>Position</b>
Salt Lake Tribune::	Legal Liner Notice - 0998	998-Other Legal Notices
<b>Scheduled Date(s):</b>	2/22/2014	
<b>Product</b>	<b>Placement</b>	<b>Position</b>
Deseret News::	Legal Liner Notice - 0998	998-Other Legal Notices
<b>Scheduled Date(s):</b>	2/22/2014	
<b>Product</b>	<b>Placement</b>	<b>Position</b>
utahlegals.com::	utahlegals.com	utahlegals.com
<b>Scheduled Date(s):</b>	2/22/2014	

**Ad Content Proof Actual Size**

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-418

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 25 AND 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 9, 13, 16, 17, 20, 22, AND 23, 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:  
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API 43-013-32913  
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API 43-013-33053  
South Wells Draw 16-9-9-16 well located in SE/4 SE/4, Section 9, Township 9 South, Range 16 East  
API 43-013-32044  
Federal 2-13-9-16 well located in NW/4 NE/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32659  
Federal 8-13-9-16 well located in SE/4 NE/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32655  
Federal 14-13-9-16 well located in SE/4 SW/4, Section 13, Township 9 South, Range 16 East  
API 43-013-32649  
State 16-1-0 well located in SW/4 SE/4, Section 16, Township 9 South, Range 16 East  
API 43-013-31022  
Federal 9-17-9-16 well located in NE/4 SE/4, Section 17, Township 9 South, Range 16 East  
API 43-013-33032  
Federal 10-20-9-16 well located in NW/4 SE/4, Section 20, Township 9 South, Range 16 East  
API 43-013-33108  
Monument Federal 11-22-9-16Y well located in NW/4 NW/4, Section 22, Township 9 South, Range 16 East  
API 43-013-31647  
Federal 7-23 well located in SW/4 NE/4, Section 23, Township 9 South, Range 16 East  
API 43-013-30662

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 intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 18th day of February, 2014.  
STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
/s/  
Brad Hill  
Permitting Manager

941 195

UPXIP

**NEWFIELD**



**Newfield Exploration Company**

1001 17th Street | Suite 2000

Denver, Colorado 80202

PH 303-893-0102 | FAX 303-893-0103

February 7, 2014

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

**RECEIVED**

FEB 10 2014

DIV. OF OIL, GAS & MINING

RE: Permit Application for Water Injection Well  
Federal #8-13-9-16  
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 #8-13-9-16 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,

Will L. Loyle  
Regulatory Associate

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**FEDERAL #8-13-9-16**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #UTU-64805**  
**FEBRUARY 7, 2014**

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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 #8-13-9-16  
Field or Unit name: Monument Butte (Green River) Lease No. UTU-64805  
Well Location: QQ SENE section 13 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? . . . . . Yes [ X ] No [ ]

Will the proposed well be used for:                      Enhanced Recovery? . . . . . Yes [ X ] No [ ]  
   Disposal? . . . . . Yes [ ] No [ X ]  
   Storage? . . . . . Yes [ ] No [ X ]

Is this application for a new well to be drilled? . . . . . Yes [ ] No [ X ]

If this application is for an existing well,  
has a casing test been performed on the well? . . . . . Yes [ ] No [ X ]

Date of test: \_\_\_\_\_


API number: 43-013-32655

Proposed injection interval:              from 3813              to 5676  
Proposed maximum injection:              rate 500 bpd pressure 1770 psig  
Proposed injection zone contains [ x ] 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: Jill L Loyle Signature   
Title Regulatory Associate Date 2/7/14  
Phone No. (303)383-4135

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

Comments:

# Federal 8-13-9-16

Spud Date: 09/02/05  
Put on Production: 11/04/05  
GL: 5479' KB: 5491'

## Proposed Injection Wellbore Diagram

Initial Production: BOPD,  
MCFD, BWPD

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (302.07')  
DEPTH LANDED: 311.97' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 4.6 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 132 jts. (5787.89')  
DEPTH LANDED: 5801.4' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.  
CEMENT TOP: 250'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 154 jts (4987.83')  
TUBING ANCHOR: 4997.83' KB  
NO. OF JOINTS: 1 jts (32.51')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5033.14' KB  
NO. OF JOINTS: 2 jts (64.45')  
TOTAL STRING LENGTH: EOT @ 5099.14' KB

### FRAC JOB

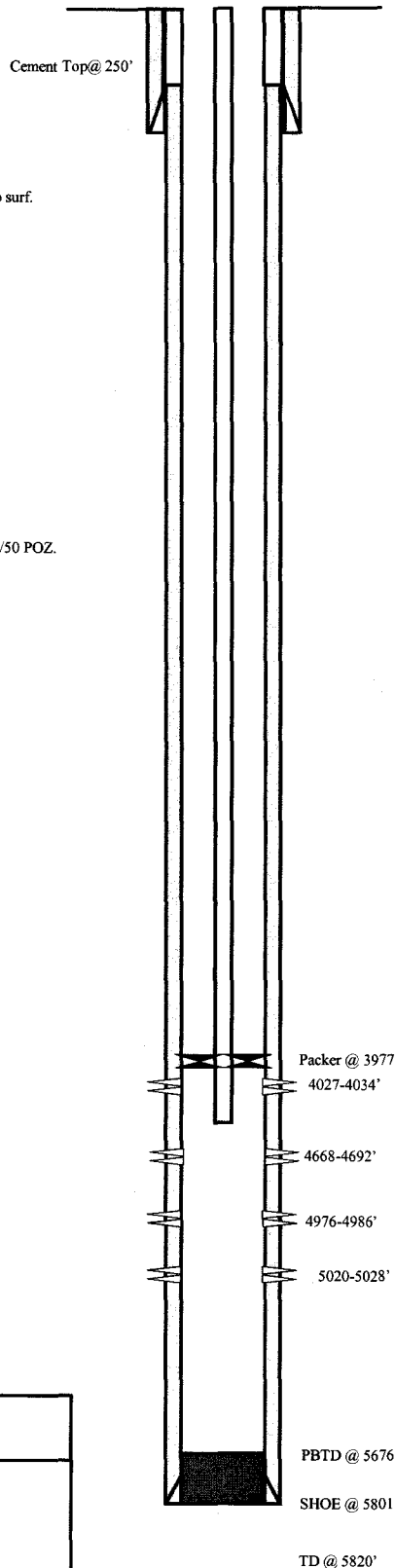
10/31/05 4976-5028' **Frac A1 and A3 sands as follows:**  
97607# 20/40 sand in 904 bbls Lightning 17  
frac fluid. Treated @ avg press of 1826 psi  
w/avg rate of 24.7 BPM. ISIP 2200 psi. Calc  
flush: 4974 gal. Actual flush: 4956 gal.

11/01/05 4668-4692' **Frac C sands as follows:**  
28966# 20/40 sand in 492 bbls Lightning 17  
frac fluid. Treated @ avg press of 1530 psi  
w/avg rate of 24.7 BPM. ISIP 1800 psi. Calc  
flush: 4666 gal. Actual flush: 4662 gal.

11/01/05 4027-4034' **Frac GB6 sands as follows:**  
32224# 20/40 sand in 347 bbls Lightning 17  
frac fluid. Treated @ avg press of 1698 psi  
w/avg rate of 24.7 BPM. ISIP 1900 psi. Calc  
flush: 4025 gal. Actual flush: 3948 gal.

### PERFORATION RECORD

10/31/05	5020-5028'	4 JSPF	32 holes
10/31/05	4976-4986'	4 JSPF	40 holes
11/01/05	4668-4692'	4 JSPF	96 holes
11/01/05	4027-4034'	4 JSPF	28 holes



**NEWFIELD**

**Federal 8-13-9-16**

2187' FNL & 680' FEL

SE/NE Section 13-T9S-R16E

Duchesne Co, Utah

API #43-013-32655; 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 #8-13-9-16 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 #8-13-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3813' - 5676'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, whichever is shallower. The Garden Gulch Marker top is at 3495' and the TD is at 5820'.
  - 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Federal #8-13-9-16 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 312' KB, and 5-1/2", 15.5# casing run from surface to 5801' 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.

**2.8 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 1770 psig.

**2.9 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 #8-13-9-16, for existing perforations (4027' - 5028') 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 1770 psig. We may add additional perforations between 3495' and 5820'. See Attachments G and G-1.

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

In the Federal #8-13-9-16, the proposed injection zone (3813' - 5676') 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.

**2.11 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-18.

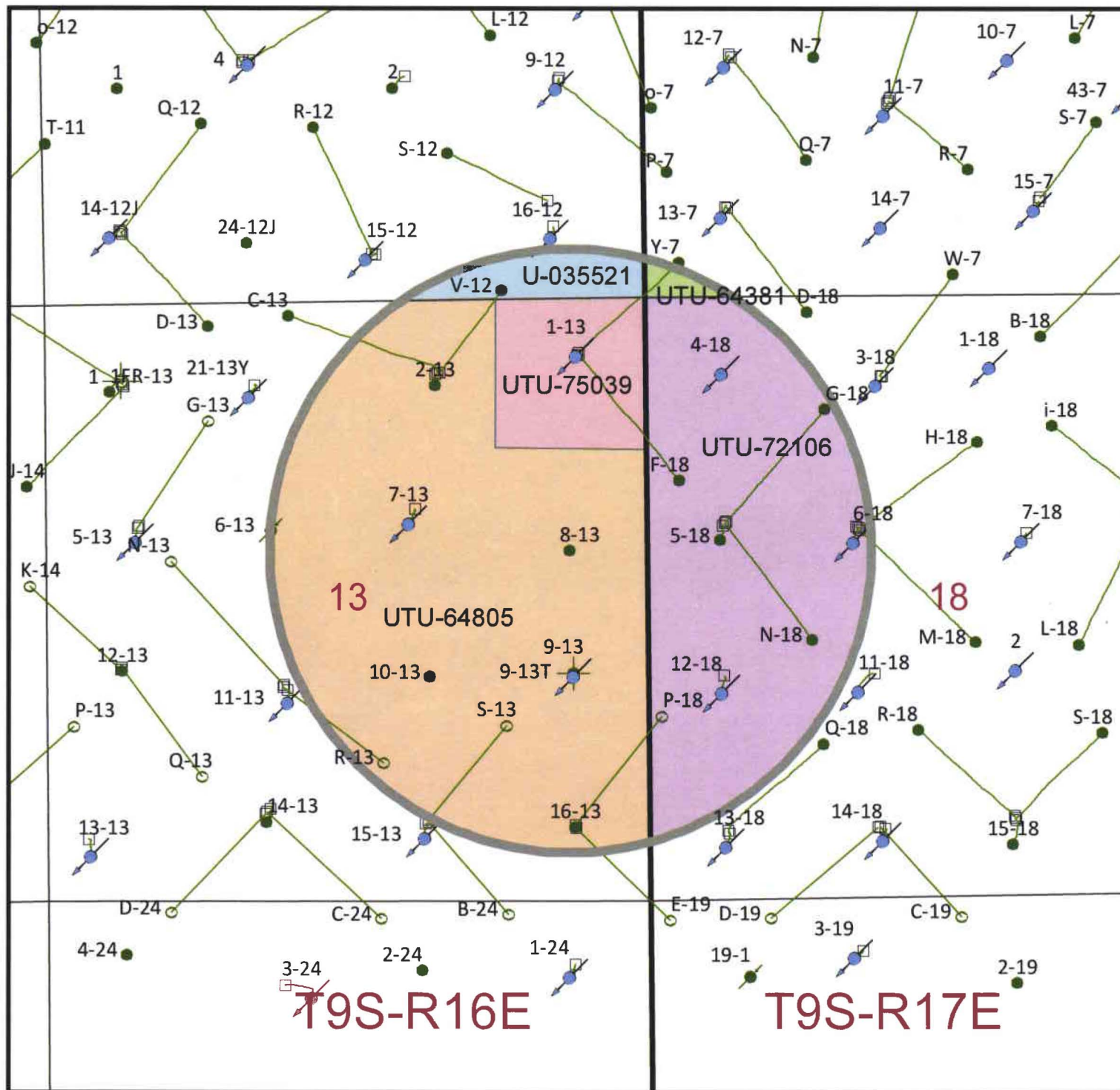
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

**2.12 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.

**2.13 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.



## 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
- Well Surface Location

Federal 8-13-9-16  
Section 13, T9S-R16E



1/2 Mile Radius Map

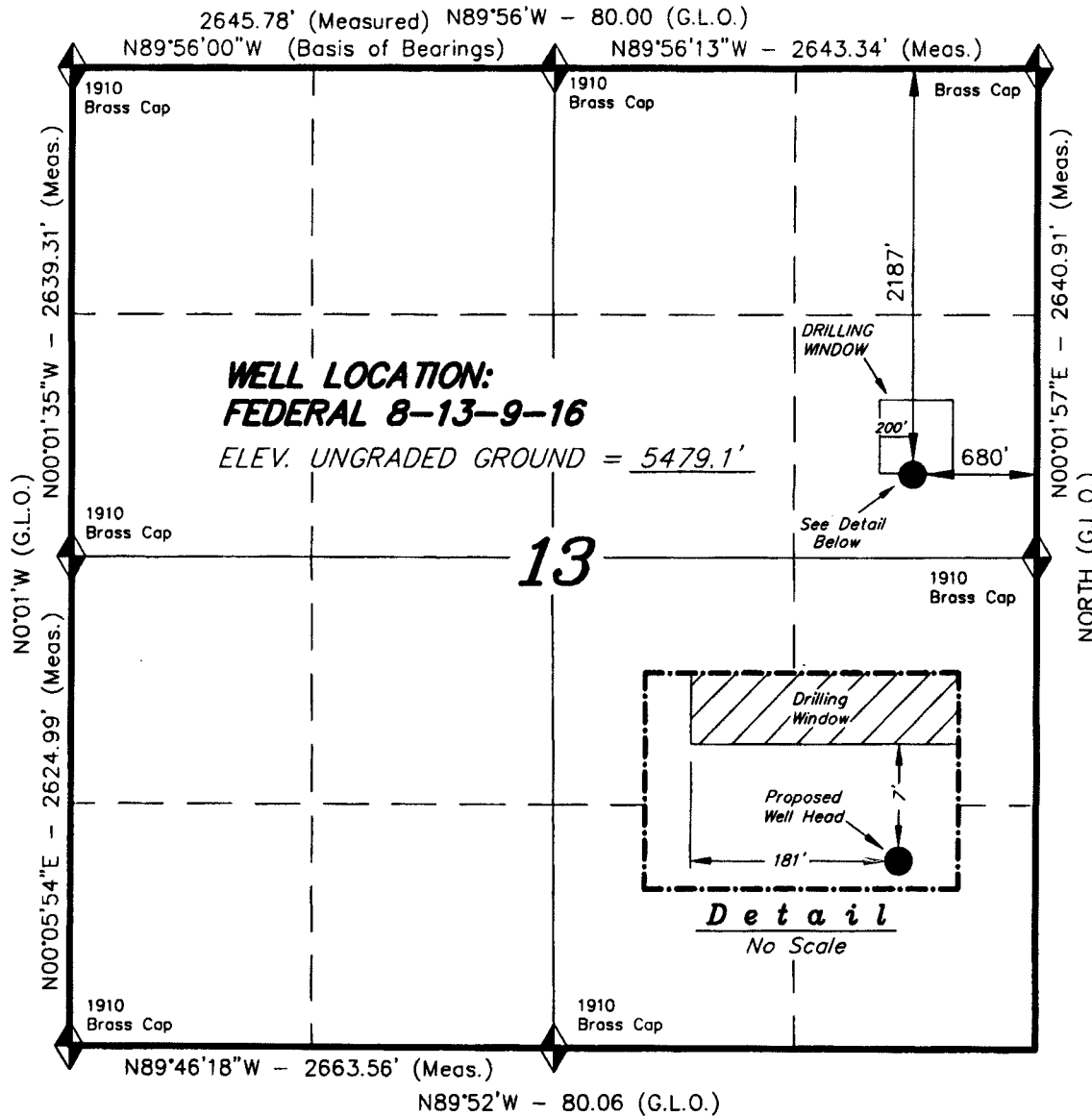
Duchesne County

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

Jan. 6, 2014

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

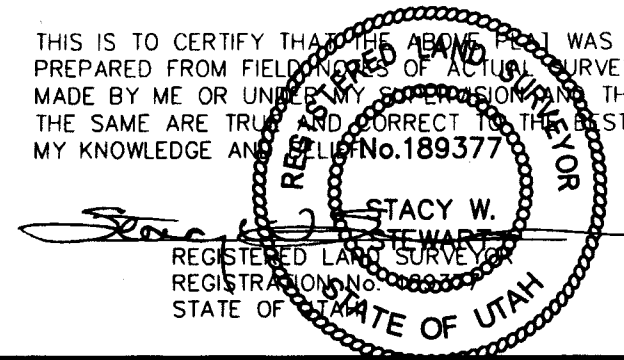
**ATTACHMENT A-1**  
**INLAND PRODUCTION COMPANY**



WELL LOCATION, FEDERAL 8-13-9-16,  
 LOCATED AS SHOWN IN THE SE 1/4 NE  
 1/4 OF SECTION 13, T9S, R16E,  
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS  
 PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
 MADE BY ME OR UNDER MY SUPERVISION AND THAT  
 THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
 MY KNOWLEDGE AND BELIEF.



= 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: 7-2-04	DRAFTED BY: F.T.M.
NOTES:	FILE #

**EXHIBIT B**

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 12: S2NE, SE	USA UTU -035521 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp Avalon Royalty LLLC Front Range Resources Inc Montana & Wyoming Oil CO MYCO Industries Inc OXY Y-1 Company Vaughey & Vaughey Bonnie B Warne John R Warne Yates Petroleum Corp	USA
2	T9S-R17E SLM Section 7: Lot 4	USA UTU-64381 HBP	Newfield Production Company Newfield RMI LLC Red Technology Alliance LLC Yates Petroleum Corp	USA
3	T9S-R16E SLM Section 13: NWNE, NENW, S2N2, S2	USA UTU-64805 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA
4	T9S-R17E SLM Section 7: E2SW, SE Section 17: N2, W2SE Section 18: NENE, S2NE, E2W2, NESE, S2SE Lots 1,2,3,4	USA UTU-72106 HBP	Newfield Production Company Newfield RMI LLC	USA



5 T9S-R16E SLM  
Section 13: NENE, NWNW

USA  
UTU-75039  
HBP

Newfield Production Company  
Newfield RMI LLC  
ABO Petroleum Corp  
MYCO Industries Inc  
OXY Y-1 Company  
Yates Petroleum Corp

USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Federal #8-13-9-16

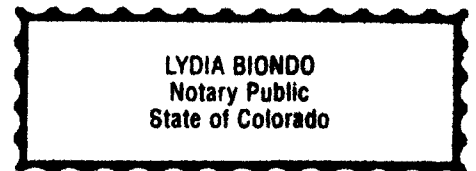
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: Jill L. Loyle  
Newfield Production Company  
Jill L. Loyle  
Regulatory Associate

Sworn to and subscribed before me this 7<sup>th</sup> day of February, 2014.

Notary Public in and for the State of Colorado: Lydia Biondo

My Commission Expires: 12/31/15



## Federal 8-13-9-16

Spud Date: 09/02/05  
 Put on Production: 11/04/05  
 GL: 5479' KB: 5491'

## Wellbore Diagram

Initial Production: BOPD,  
 MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (302.07')  
 DEPTH LANDED: 311.97' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 4.6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 132 jts. (5787.89')  
 DEPTH LANDED: 5801.4' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.  
 CEMENT TOP: 250'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 154 jts (4987.83')  
 TUBING ANCHOR: 4997.83' KB  
 NO. OF JOINTS: 1 jts (32.51')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5033.14' KB  
 NO. OF JOINTS: 2 jts (64.45')  
 TOTAL STRING LENGTH: EOT @ 5099.14' KB

SUCKER RODS

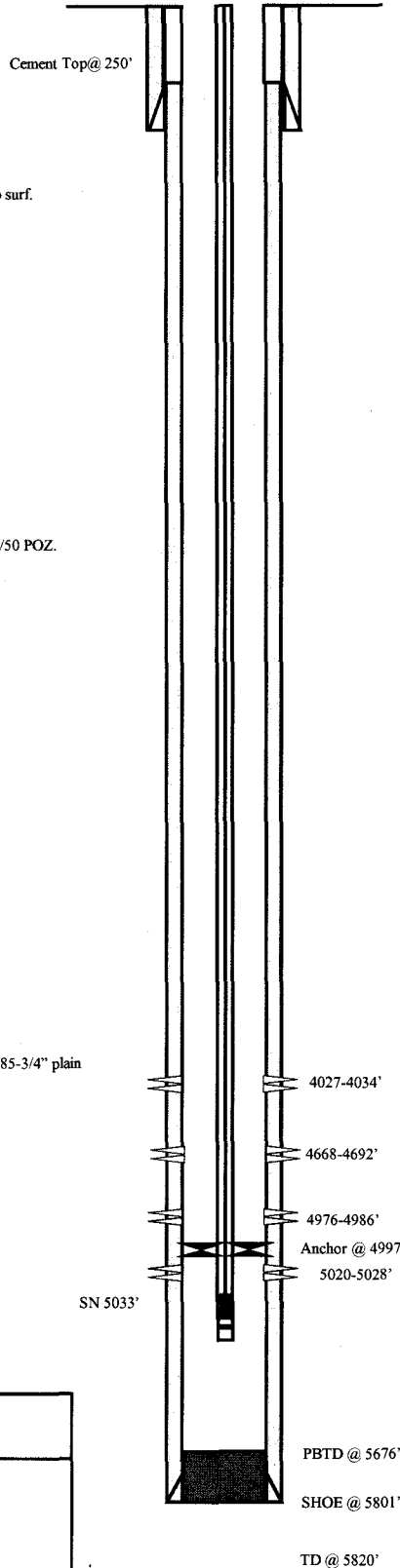
POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 1-4' x 3/4" pony rod, 99-3/4" scraped rods, 85-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC w/SM plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, 5 SPM:

FRAC JOB

10/31/05	4976-5028'	<b>Frac A1 and A3 sands as follows:</b> 97607# 20/40 sand in 904 bbls Lightning 17 frac fluid. Treated @ avg press of 1826 psi w/avg rate of 24.7 BPM. ISIP 2200 psi. Calc flush: 4974 gal. Actual flush: 4956 gal.
11/01/05	4668-4692'	<b>Frac C sands as follows:</b> 28966# 20/40 sand in 492 bbls Lightning 17 frac fluid. Treated @ avg press of 1530 psi w/avg rate of 24.7 BPM. ISIP 1800 psi. Calc flush: 4666 gal. Actual flush: 4662 gal.
11/01/05	4027-4034'	<b>Frac GB6 sands as follows:</b> 32224# 20/40 sand in 347 bbls Lightning 17 frac fluid. Treated @ avg press of 1698 psi w/avg rate of 24.7 BPM. ISIP 1900 psi. Calc flush: 4025 gal. Actual flush: 3948 gal.

PERFORATION RECORD

10/31/05	5020-5028'	4 JSPF	32 holes
10/31/05	4976-4986'	4 JSPF	40 holes
11/01/05	4668-4692'	4 JSPF	96 holes
11/01/05	4027-4034'	4 JSPF	28 holes



NEWFIELD

Federal 8-13-9-16

2187' FNL &amp; 680' FEL

SE/NE Section 13-T9S-R16E

Duchesne Co, Utah

API #43-013-32655; Lease #UTU-64805

## Federal 1-13-9-16

Spud Date:08/08/05  
Put on Production: 11/03/05  
GL: 5459' KB: 5471'

### Injection Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (301.91')  
DEPTH LANDED: 313.76' 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: 133 jts. (5798.07')  
DEPTH LANDED: 5811.32' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 350 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.  
CEMENT TOP: 590'

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 129 jts (4019.1')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4029.1' KB  
CE @ 4033.43'  
TOTAL STRING LENGTH: EOT @ 4038' KB

Casing Shoe @ 314'

Cement Top @ 590'

Packer @ 4033'

EOT @ 4038'

4094-4100' GB6 sds

4710-4724' C sds

4850-4868' B2 sds

5686-5706' CP5 sds

PBTD @ 5766'

SHOE @ 5811'

TD @ 5835'

#### FRAC JOB

10/31/05	5686-5706'	<b>Frac CP5 sands as follows:</b> 89079# 20/40 sand in 688 bbls Lightning 17 frac fluid. Treated @ avg press of 1303 psi w/avg rate of 24.8 BPM. ISIP 1900 psi. Calc flush: 5684 gal. Actual flush: 5431 gal.
10/31/05	4850-4868'	<b>Frac B2 sands as follows:</b> 69180# 20/40 sand in 542 bbls Lightning 17 frac fluid. Treated @ avg press of 1759 psi w/avg rate of 24.7 BPM. ISIP 2400 psi. Calc flush: 4848 gal. Actual flush: 4633 gal.
10/31/05	4710-4724'	<b>Frac C sands as follows:</b> 98861# 20/40 sand in 710 bbls Lightning 17 frac fluid. Treated @ avg press of 1550 psi w/avg rate of 24.7 BPM. ISIP 2000 psi. Calc flush: 4708 gal. Actual flush: 4507 gal.
10/31/05	4094-4100'	<b>Frac GB6 sands as follows:</b> 33229# 20/40 sand in 346 bbls Lightning 17 frac fluid. Treated @ avg press of 1858 psi w/avg rate of 24.7 BPM. ISIP 2000 psi. Calc flush: 4092 gal. Actual flush: 3935 gal.
06-03-06		<b>Pump Change:</b> Tubing & Rod Detail Updated
11/28/07		<b>Pump Change:</b> Updated tubing & rod detail
4/8/09		<b>Parted rods.</b> Updated r & t details.
12/16/11		<b>Convert to Injection well</b>
12/21/11		<b>Conversion MIT Finalized</b> - update tbg detail

#### PERFORATION RECORD

10/24/05	5686-5706'	4 JSPF	80 holes
10/31/05	4850-4868'	4 JSPF	72 holes
10/31/05	4710-4724'	4 JSPF	56 holes
10/31/05	4094-4100'	4 JSPF	24 holes

**NEWFIELD**

**Federal 1-13-9-16**

487' FNL & 612' FEL

NE/NE Section 13-T9S-R16E

Duchesne Co, Utah

API #43-013-32660; Lease #UTU-75039

## NEWFIELD

## Schematic

43-013-32659

Well Name: Federal 2-13-9-16

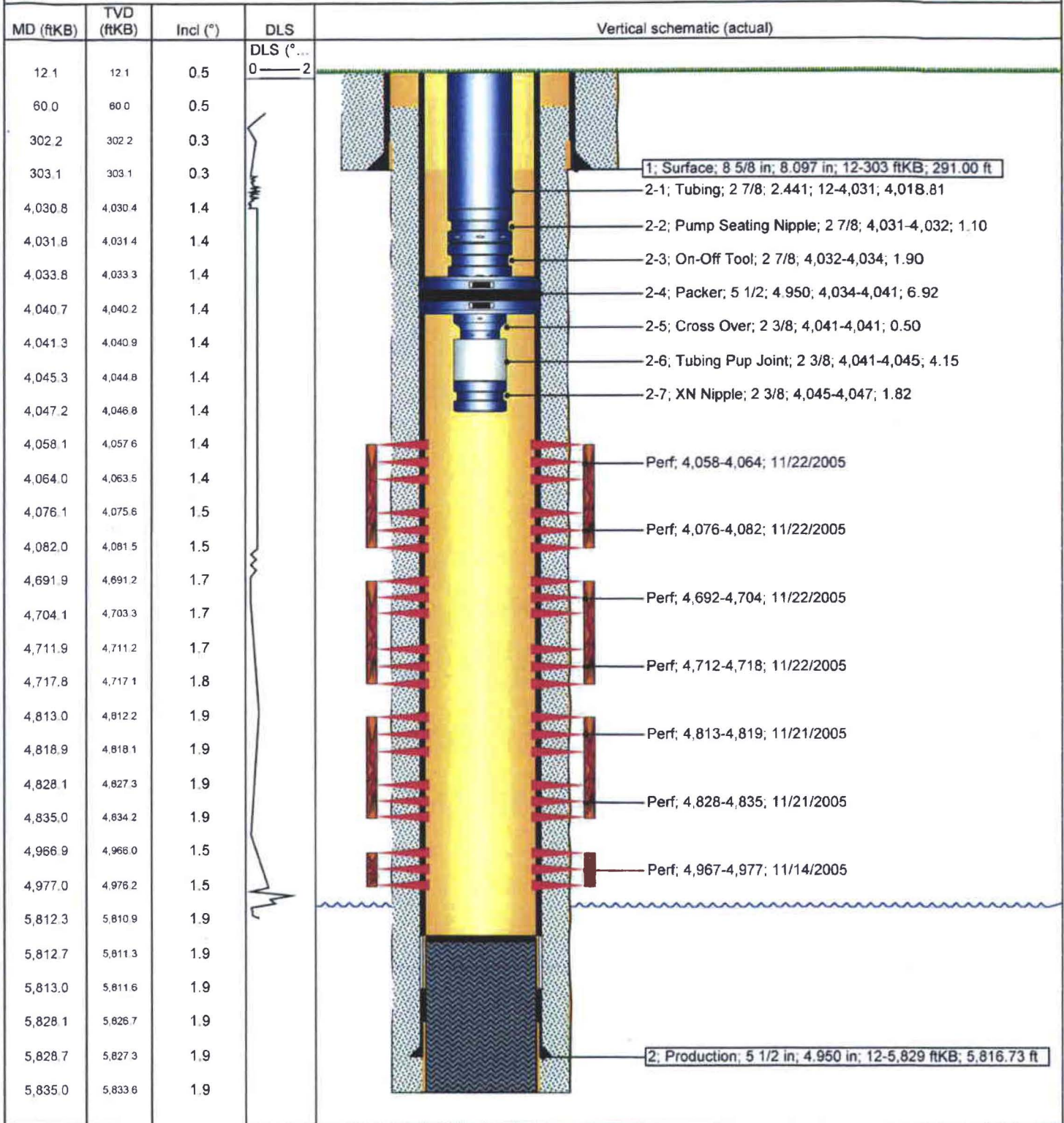
Surface Legal Location 13-9S-16E		API/UWI 43013326590000	Well RC 500151397	Lease	State/Province Utah	Field Name GMBU CTB5	County DUCHESNE
Spud Date	Rig Release Date	On Production Date 11/30/2005	Original KB Elevation (ft) 5,484	Ground Elevation (ft) 5,472	Total Depth All (TVD) (ftKB)	PSTD (All) (ftKB) Original Hole - 5,812.5	

## Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 6/18/2014	Job End Date 6/24/2014
---------------------------------------	--------------------------------	-----------------------------	-----------------------------	---------------------------

TD: 5,835.0

Vertical - Original Hole, 6/25/2014 9:31:17 AM



## Federal 6-13-9-16

Wellbore Diagram

P &amp; A

Spud Date: 9/26/2005  
 Put on Production:  
 GL: 5514' KB: 5526'

SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (303.52')  
 DEPTH LANDED: 313.52'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, circ. 5.5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 132 jts. (5815.38')  
 DEPTH LANDED: 5813.38'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II & 450 sxs 50/50 POZ. 9 bbls to surf.  
 CEMENT TOP AT: No CBL run

TUBING

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

SUCKER RODS

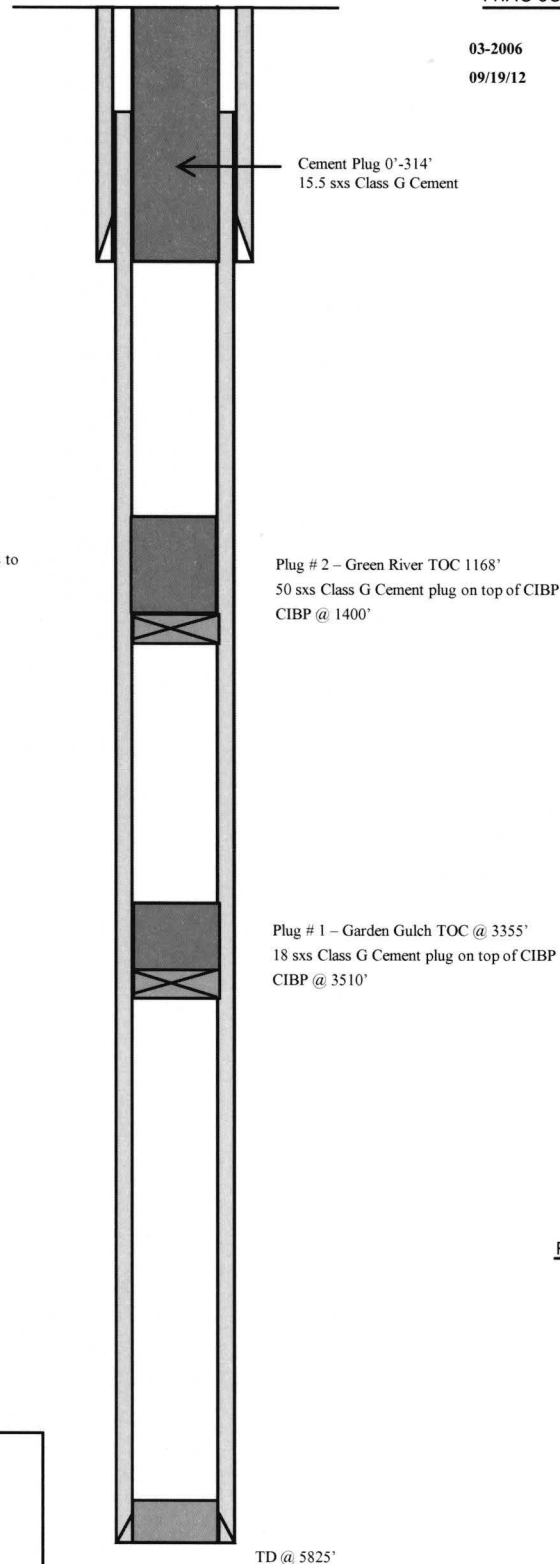
POLISHED ROD:  
 SUCKER RODS:  
 PUMP SIZE:  
 STROKE LENGTH:  
 PUMP SPEED, SPM:

FRAC JOB

03-2006  
 09/19/12

Operations Suspended

P&A - CIBP @ 3510' TOC @ 3355', CIBP @ 1400' TOC @ 1168, 15.5 sacks Class G cement down both casings to surface. Stoney Anderton w/ BLM witnessed the P&A. Weld plate, back fill hole, dig up deadmen & cut off 3' below ground level. South Slope Reclamation to do dirt work.

PERFORATION RECORD**NEWFIELD**

**Federal 6-13-9-16**  
 1794' FNL & 1960' FWL (SE/NW)  
 Section 13, T9S, R16E  
 Duchesne Co, Utah  
 API # 43-013-32657; Lease # UTU-64805

## Federal 7-13-9-16

Spud Date: 09-26-05

Put on Production: 12-01-05

GL: 5549' KB: 5561'

Injection Wellbore  
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (301.02')

DEPTH LANDED: 311.92' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 5.5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 134 jts. (5829.6')

DEPTH LANDED: 5875.35' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed &amp; 450 sxs 50/50 POZ.

CEMENT TOP AT: 390'

TUBING

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

NO. OF JOINTS: 122 jts (3958.5')

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

SN LANDED AT: 3970.5' KB

ON/OFF TOOL AT: 3971.6'

ARROW #1 PACKER CE AT: 3977'

XO 2-3/8 x 2-7/8 J-55 AT: 3980.4'

TBG PUP 2-3/8 J-55 AT: 3980.9'

X/N NIPPLE AT: 3985'

TOTAL STRING LENGTH: EOT @ 3986.36'

Casing Shoe @ 312'

TOC @ 390'

SN @ 3970'

On Off Tool @ 3972'

Packer @ 3977'

X/N Nipple @ 3985'

EOT @ 3986'

4043-4053'

5408-5415'

5654-5678'

5700-5711'

PBTD @ 5829'

TD @ 5880'

FRAC JOB

11-22-05 5654-5711'

**Frac CP4, & CP5 sands as follows:**  
124436# 20/40 sand in 875 bbls Lightning 17 frac fluid. Treated @ avg press of 1400 psi w/avg rate of 24.7 BPM. ISIP 2000 psi. Calc flush: 5652 gal. Actual flush: 5313 gal.

11-23-05 5408-5415'

**Frac CP1, sands as follows:**  
19462# 20/40 sand in 294 bbls Lightning 17 frac fluid. Treated @ avg press of 1730 psi w/avg rate of 24.7 BPM. ISIP 1950 psi. Calc flush: 5406 gal. Actual flush: 3990 gal.

11-23-05 4043-4053'

**Frac GB6 sands as follows:**  
47516# 20/40 sand in 457 bbls Lightning 17 frac fluid. Treated @ avg press of 1613 psi w/avg rate of 14.5 BPM. ISIP 1900 psi. Calc flush: 4041 gal. Actual flush: 3948 gal.

8/15/08

**Parted Rods.** Rod & tubing updated.

09-16-11

**Parted Rods.** Rods & tubing updated.

11/28/12

**Convert to Injection Well**

11/30/12

**Conversion MIT Finalized** - update tbg detailPERFORATION RECORD

11-17-05	5700-5711'	4 JSPF	44 holes
11-17-05	5654-5678'	4 JSPF	96 holes
11-22-05	5408-5415'	4 JSPF	28 holes
11-23-05	4043-4053'	4 JSPF	40 holes

**NEWFIELD****Federal 7-13-9-16**

1807' FNL & 2034' FEL  
SW/NE Section 13-T9S-R16E  
Duchesne Co, Utah

API #43-013-32656; Lease #UTU-64805



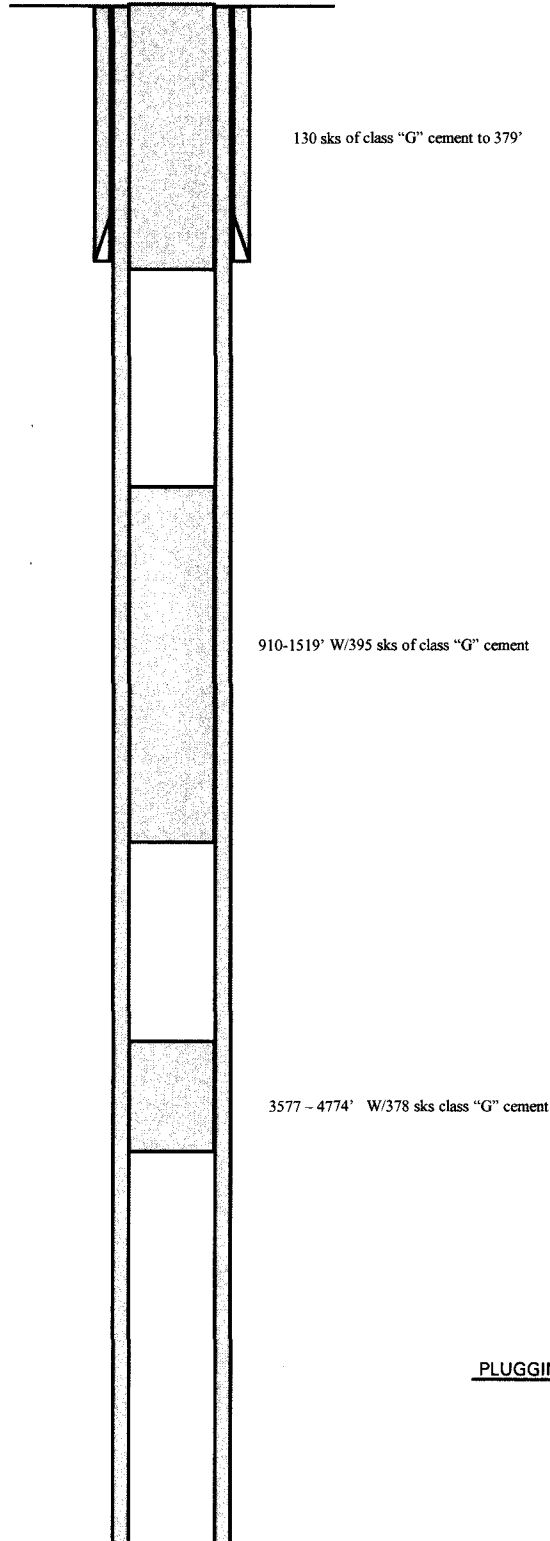
Spud Date: 8/31/05  
Plugged Date: 9/22/05

## 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 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 BWPDInjection Wellbore  
DiagramSURFACE 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 &amp; 450 sxs 50/50 POZ mix.

CEMENT TOP AT: 554'

TUBING

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

NO. OF JOINTS: 117 jts (3870.3')

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

SN LANDED AT: 3880.3' KB

ON/OFF TOOL AT: 3881.4'

ARROW #1 PACKER CE AT: 3886.58'

XO 2-3/8 x 2-7/8 J-55 AT: 3890.4'

TBG PUP 2-3/8 J-55 AT: 3891'

X/N NIPPLE AT: 3895.1'

TOTAL STRING LENGTH: EOT @ 3896.63'

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.

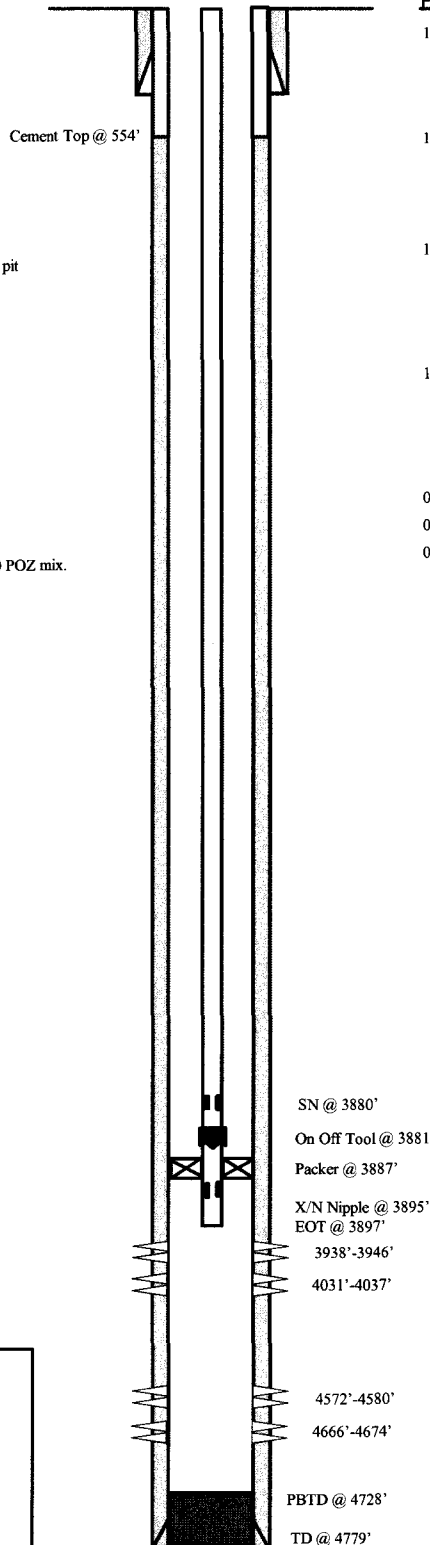
07-17-06

**Pump Change.** Rod & Tbg Detail Updated.

08/23/13

**Convert to Injection Well**

08/27/13

**Conversion MIT Finalized** – update tbg  
detailPERFORATION RECORD

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

**NEWFIELD****Federal 9-13T-9-16**

2001' FSL &amp; 660' FEL

NE/SE Section 13-T9S-R16E

Duchesne Co, Utah

API #43-013-32954; Lease #UTU-64805

## NEWFIELD

## Schematic

43-013-32653

Well Name: Federal 10-13-9-16

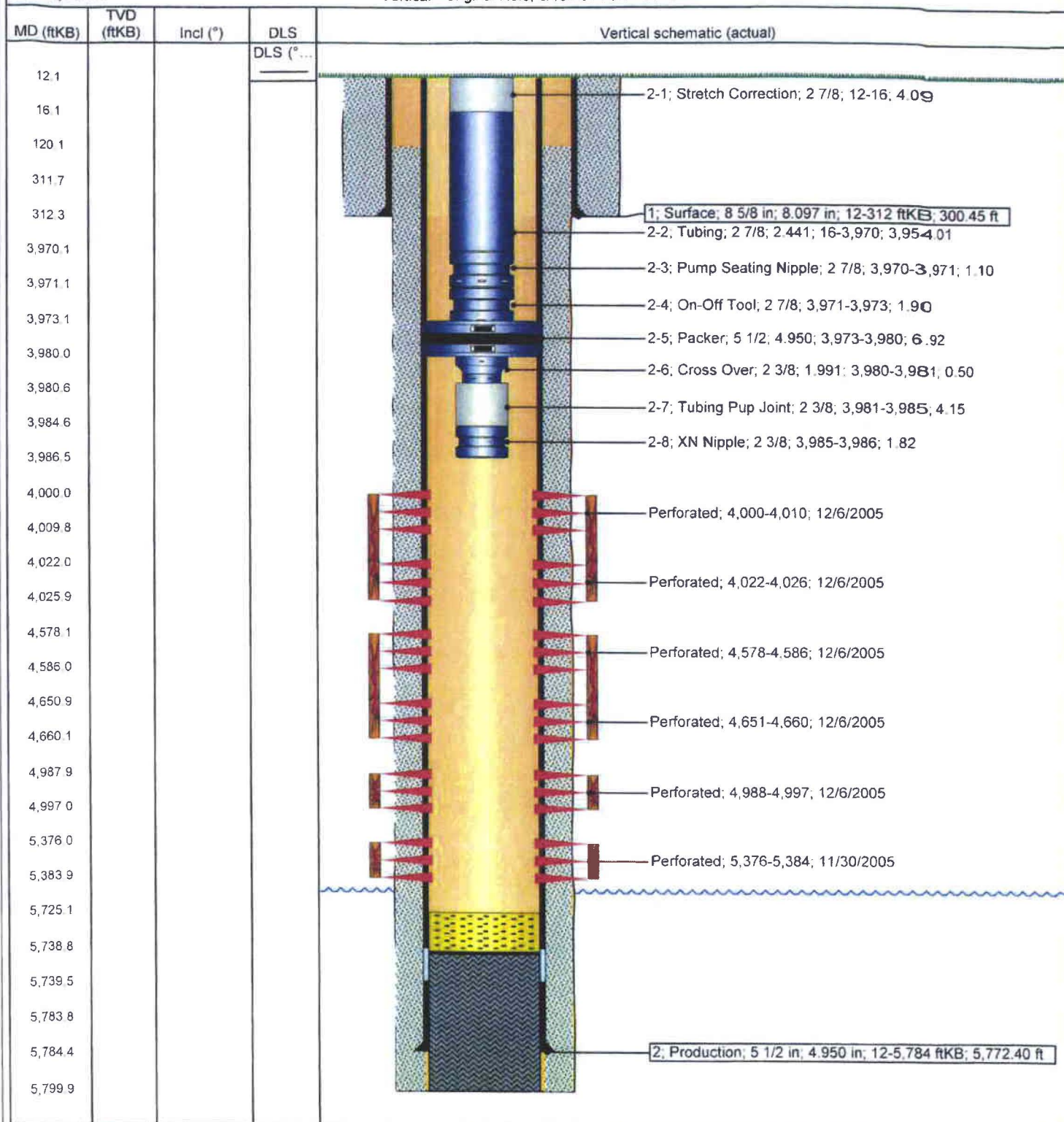
Surface Legal Location 13-9S-16E	API/Well 43013326530000	Well RC 500151402	Lease	State/Province Utah	Field Name GMBU CT B5	County DUCHESNE
Spud Date 10/26/2005	Rig Release Date 11/13/2005	On Production Date 12/12/2005	Original KB Elevation (ft) 5,531	Ground Elevation (ft) 5,519	Total Depth All (TVD) (ftKB) 5,738.9	PBTD (All) (ftKB) Original Hole - 5,738.9

## Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 8/5/2014	Job End Date 8/12/2014
---------------------------------------	--------------------------------	-----------------------------	----------------------------	---------------------------

TD: 5,800.0

Vertical - Original Hole, 8/13/2014 9:04:31 AM





## NEWFIELD

## Schematic

Well Name: Federal 16-13-9-16

43-013-32647

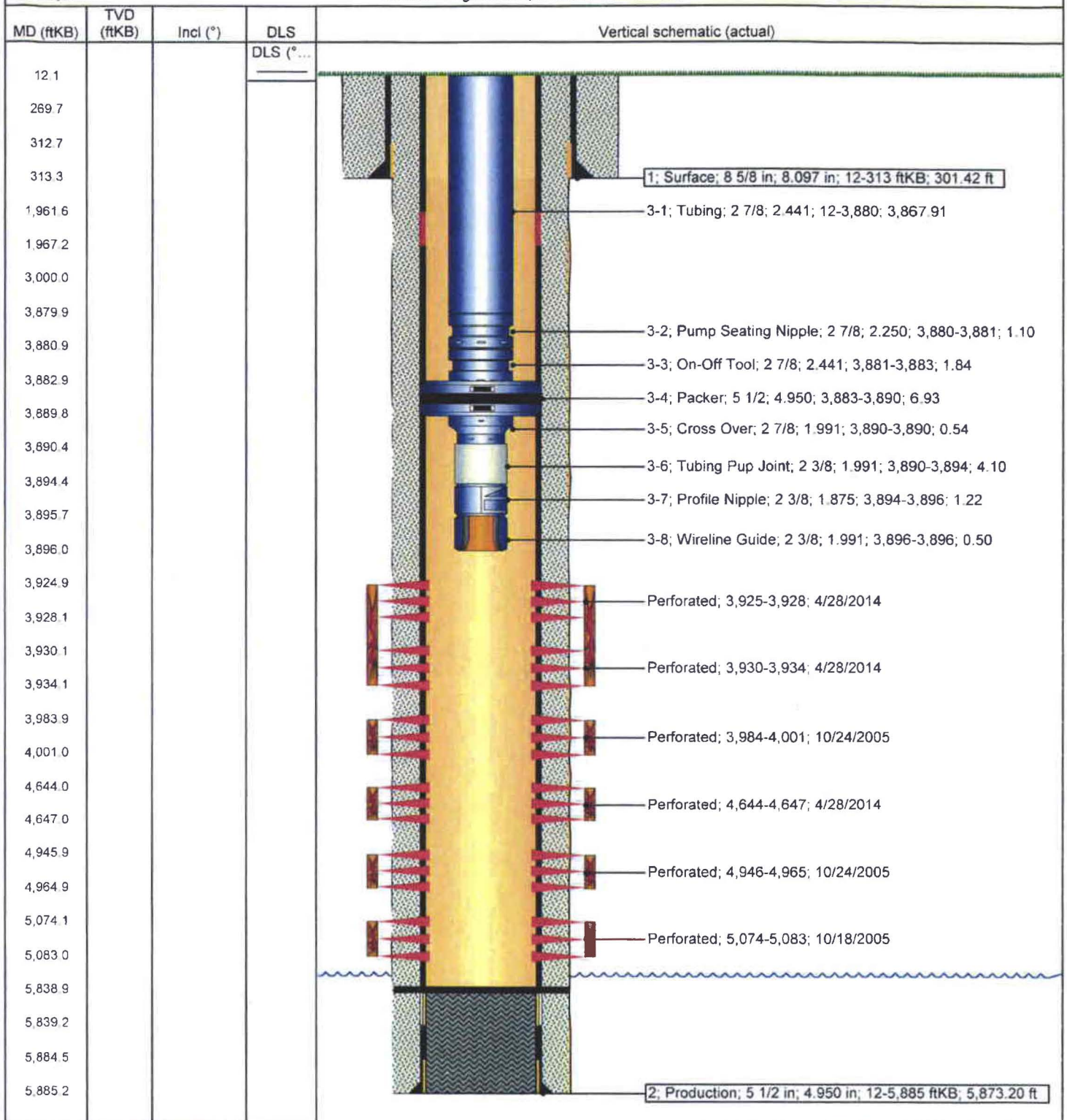
Surface Legal Location 13-9S-16E	API Well 43013326470000	Well RC 500151034	Lease	State/Province Utah	Field Name GMBU CTB6	County DUCHESE
Spud Date 8/29/2005	Rig Release Date 9/15/2005	On Production Date 10/26/2005	Original KB Elevation (ft) 5,539	Ground Elevation (ft) 5,527	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,838.8

## Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type OAP	Job Start Date 4/25/2014	Job End Date 5/6/2014
---------------------------------------	--------------------------------	---------------------------	-----------------------------	--------------------------

TD: 5,885.2

Vertical - Original Hole, 5/9/2014 10:45:03 AM



## Federal 5-18-9-17

Spud Date: 6-27-07  
Put on Production: 8-2-07  
GL: 5461' KB: 5473'

## Wellbore Diagram

Initial Production: BOPD,  
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jnts (294')  
DEPTH LANDED: 306.22' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 132 jts. (5796.92')  
DEPTH LANDED: 5810.17' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
CEMENT TOP AT: 125'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 176 jts (5547.27')  
TUBING ANCHOR: 5559.27' KB  
NO. OF JOINTS: 1 jts (31.54')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5593.61' KB  
NO. OF JOINTS: 1 jts (31.60')  
TOTAL STRING LENGTH: EOT @ 5926.76' KB

SUCKER RODS

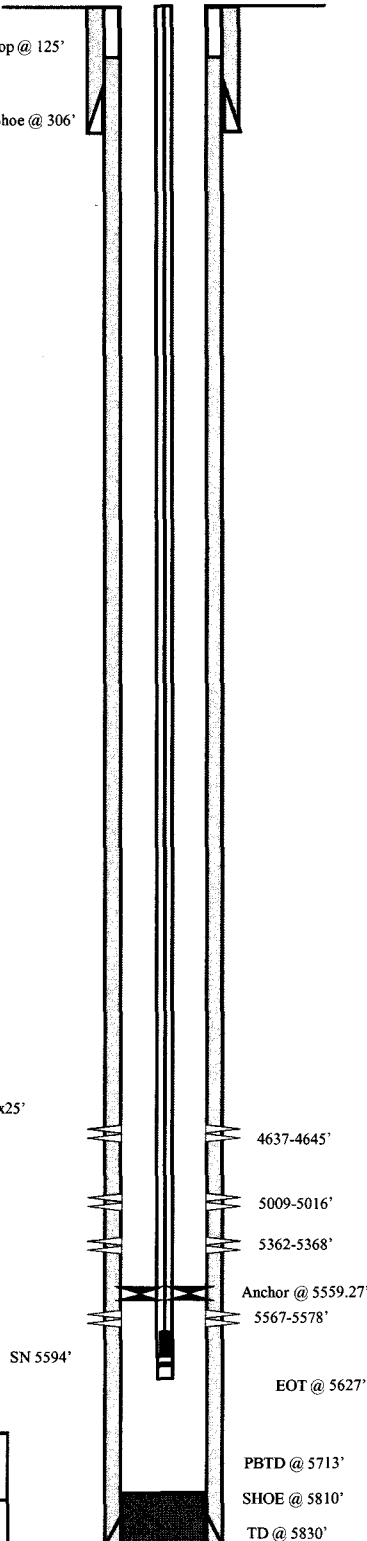
POLISHED ROD: 1-1/2" x 26' SM  
SUCKER RODS: 3/4x6'-8' Ponys, 100- 3/4x25' Guided Rods, 97- 3/4x25' Slick Rods, 20- 3/4x25' Wt. Bars,  
PUMP SIZE: 2-1/2" x 1-1/2" x 16x20" RHAC  
STROKE LENGTH: 120"  
PUMP SPEED, 5 SPM

FRAC JOB

7-30-07	5567-5578'	<b>Frac CP4 sands as follows:</b> 30578# 20/40 sand in 402 bbls Lightning 17 frac fluid. Treated @ avg press of 1661 psi w/avg rate of 24.8 BPM. ISIP 1866 psi. Calc flush: 5565 gal. Actual flush: 5082 gal.
7-30-07	5362-5368'	<b>Frac CP.5 sands as follows:</b> 25282# 20/40 sand in 352 bbls Lightning 17 frac fluid. Treated @ avg press of 2015 psi w/avg rate of 24.4 BPM. ISIP 1834 psi. Calc flush: 5360 gal. Actual flush: 4872 gal.
7-30-07	5009-5016'	<b>Frac A3 sands as follows:</b> 31342# 20/40 sand in 388 bbls Lightning 17 frac fluid. Treated @ avg press of 2286 psi w/avg rate of 24.7 BPM. ISIP 1550 psi. Calc flush: 5007 gal. Actual flush: 4536 gal.
7-30-07	4637-4645'	<b>Frac C sands as follows:</b> 31585# 20/40 sand in 386 bbls Lightning 17 frac fluid. 24.8 BPM. ISIP 1915 psi. Calc flush: 4635 gal. Actual flush: 4620 gal.

PERFORATION RECORD

6-19-07	5567-5578"	4 JSPF	44 holes
7-30-07	5362-5368"	4 JSPF	24 holes
7-30-07	5009-5016"	4 JSPF	28 holes
7-30-07	4637-4645"	4 JSPF	32 holes

**NEWFIELD****Federal 5-18-9-17**

1983' FNL &amp; 661' FWL

SW/NW Section 18-T9S-R17E

Duchesne Co, Utah

API #43-013-32810; Lease #UTU-72106

Spud Date: 9/2/03

Put on Production: 7/22/04

GL: 5423' KB: 5435'

## Jonah Federal 16-12-9-16

Injection Wellbore  
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (293.13')

DEPTH LANDED: 303.13' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 150sxs Class "G" cmt mixed, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 136 jts. (5777.44')

DEPTH LANDED: 5775.44' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed &amp; 400 sxs 50/50 POZ mix.

CEMENT TOP AT: 432'

TUBING

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

NO. OF JOINTS: 1 jt (30.9')

TBG PUP 2-7/8 J-55 AT: 42.9'

NO. OF JOINTS: 123 jts (3937')

PACKER w/ ON/OFF TOOL CE AT: 4008'

NO. OF JOINTS: 15 jts (487.7')

XO: 2-7/8" x 2-3/8" / N-80 / 6.5# AT: 4492.4'

SEATING NIPPLE: 2-3/8" N-80 (1.10')

SN LANDED AT: 4492.9' KB

XO: 2-7/8" x 2-3/8" / N-80 / 6.5# AT: 4494.1'

STINGER w/ 4"x1" SEAL: @ 4494.6'

WLS PACKER CE @ 4503.5'

TOTAL STRING LENGTH: EOT @ 4507.09' W/12' KB

FRAC JOB

7/15/04 5595'-5708'

**Frac CP sands as follows:**

60,657# 20/40 sand in 489 bbls lightning Frac 17 fluid. Treated @ avg press of 1500 psi w/avg rate of 24.7 BPM. ISIP 1800 psi. Calc flush: 5593 gal. Actual flush: 5590 gal.

7/16/04 5164'-5170'

**Frac LODC sands as follows:**

24,253# 20/40 sand in 259 bbls lightning Frac 17 fluid. Treated @ avg press of 2680 psi w/avg rate of 24.6 BPM. Screened out.

7/19/04 5059'-5068'

**Frac A3 sands as follows:**

49,173# 20/40 sand in 419 bbls lightning Frac 17 fluid. Treated @ avg press of 1790 psi w/avg rate of 24.7 BPM. ISIP 2050 psi. Calc flush: 5057 gal. Actual flush: 5057 gal.

7/19/04 4859'-4869'

**Frac B2 sands as follows:**

59,382# 20/40 sand in 469 bbls lightning Frac 17 fluid. Treated @ avg press of 2122 psi w/avg rate of 24.7 BPM. ISIP 2570 psi. Calc flush: 4857 gal. Actual flush: 4855 gal.

7/19/04 4713'-4732'

**Frac C sands as follows:**

60,016# 20/40 sand in 458 bbls lightning Frac 17 fluid. Treated @ avg press of 1894 psi w/avg rate of 24.7 BPM. ISIP 2220 psi. Calc flush: 4711 gal. Actual flush: 4757 gal.

7/19/04 4563'-4639'

**Frac D sands as follows:**

89,343# 20/40 sand in 651 bbls lightning Frac 17 fluid. Treated @ avg press of 1813 psi w/avg rate of 24.7 BPM. ISIP 2075 psi. Calc flush: 4561 gal. Actual flush: 4561 gal.

7/19/04 4078'-4105'

**Frac GB6 sands as follows:**

80,167# 20/40 sand in 566 bbls lightning Frac 17 fluid. Treated @ avg press of 1532 psi w/avg rate of 24.7 BPM. ISIP 1950 psi. Calc flush: 4077 gal. Actual flush: 3990 gal.

05/10/11

**Convert to Injection well**

05/18/11

**Conversion MIT Finalized** - updated tbg detail

08/30/12

**Workover MIT** - Tbg LeakPERFORATION RECORD

7/13/04	5696'-5708'	4 JSPF	48 holes
7/13/04	5613'-5620'	4 JSPF	28 holes
7/13/04	5595'-5600'	4 JSPF	20 holes
7/15/04	5164'-5170'	4 JSPF	24 holes
7/19/04	5059'-5068'	4 JSPF	36 holes
7/19/04	4859'-4869'	4 JSPF	40 holes
7/19/04	4713'-4732'	4 JSPF	76 holes
7/19/04	4635'-4639'	4 JSPF	16 holes
7/19/04	4612'-4617'	4 JSPF	20 holes
7/19/04	4563'-4573'	4 JSPF	40 holes
7/19/04	4099'-4105'	4 JSPF	24 holes
7/19/04	4078'-4096'	4 JSPF	72 holes

**NEWFIELD****Jonah Federal 16-12-9-16**

858' FSL &amp; 859' FEL

SE/SE Section 12-T9S-R16E

Duchesne Co, Utah

API #43-013-32431; Lease #UTU-035521

Shoe Casing @ 303'

Cement Top @ 432'

Packer @ 4008'

4078'-4105'

SN @ 4493'  
Packer @ 4503'  
EOT @ 4507'

4563'-4639'

4713'-4732'

4859'-4869'

5059'-5068'

5164'-5170'

5595'-5600'

5613'-5620'

5696'-5708'

PBTD @ 5751'

TD @ 5780'

## Beluga 4-18-9-17

Spud Date: 8/21/2003

Put on Production: 8/25/2004

GL: 5445' KB: 5457'

Initial Production: BOPD,  
MCFD, BWPD

### Injection Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8 5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (299.75')

DEPTH LANDED: 309.75' KB

HOLE SIZE: 12 1/4"

CEMENT DATA: 150 sxs Class "G" cmt, est 3 bbls cmt to surf.

Cement Top @ 300'

#### PRODUCTION CASING

CSG SIZE: 5 1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 138 jts. (5866.49')

DEPTH LANDED: 5864.49' KB

HOLE SIZE: 7 7/8"

CEMENT DATA: 300 sxs Prem. Lite II & 425 sxs 50/50 POZ mix.

CEMENT TOP AT: 300'

#### TUBING

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

NO. OF JOINTS: 122 jts (3935.01')

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

SN LANDED AT: 3947.01' KB

TOTAL STRING LENGTH: EOT @ 3955.56'

#### FRAC JOB

08/18/04 5542-5727'

**Frac CP3 sands as follows:**

29,672# 20/40 sand in 329 bbls lightning Frac 17 fluid. Treated @ avg press of 1757 psi w/avg rate of 24.8 BPM. ISIP 1800. Calc. flush: 5540 gal. Actual flush: 5540 gal.

08/18/04 5126-5150'

**Frac LODC sands as follows:**

34,544# 20/40 sand in 340 bbls lightning Frac 17 fluid. Treated @ avg press of 2915 psi w/avg rate of 24.6 BPM. ISIP 3900 psi. Calc. flush: 5124 gal. Actual flush: 5166 gal.

08/18/04 5004-5042'

**Frac A1 and A3 sands as follows:**

49,979# 20/40 sand in 419 bbls lightning Frac 17 fluid. Treated @ avg press of 1711 psi w/avg rate of 24.7 BPM. ISIP 2000 psi. Calc. flush: 5002 gal. Actual flush: 4998 gal.

08/18/04 4018-4060'

**Frac GB4 and GB6 sands as follows:**

116,050# 20/40 sand in 785 bbls lightning Frac 17 fluid. Treated @ avg press of 1632 psi w/avg rate of 24.7 BPM. ISIP 1800 psi. Calc. flush: 4016 gal. Actual flush: 3931 gal.

10/25/05

**Parted Rods. Update tubing and rod details.**

11/01/05

**Parted rods. Update rod and tubing details.**

8/4/06

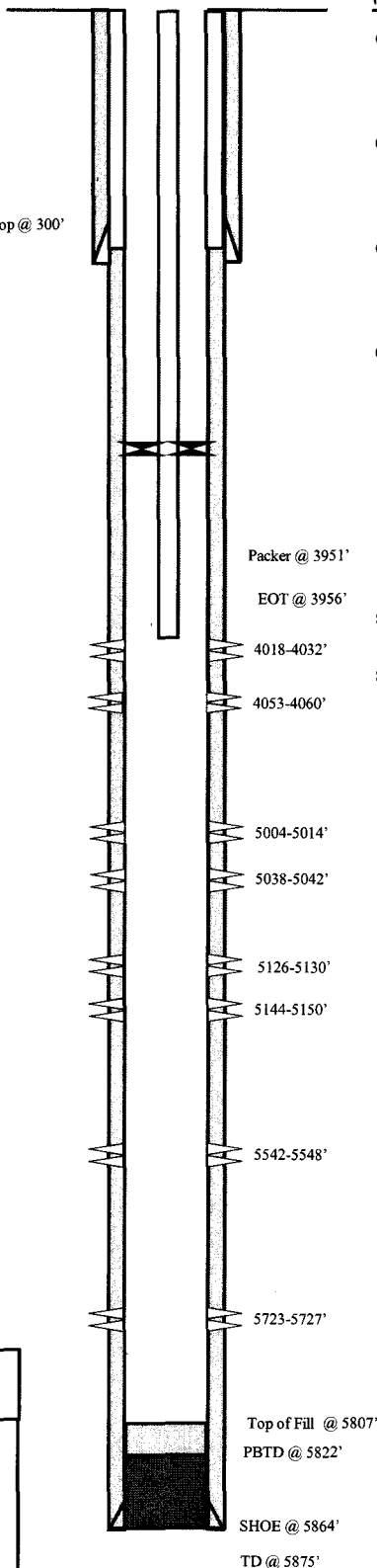
**Well converted to an Injection well.**

8/18/06

**MIT completed and submitted.**

#### PERFORATION RECORD

8/13/04	5723-5727'	4 JSPF	16 holes
8/13/04	5542-5548'	4 JSPF	24 holes
8/18/04	5144-5150'	4 JSPF	24 holes
8/18/04	5126-5130'	4 JSPF	16 holes
8/18/04	5038-5042'	4 JSPF	16holes
8/18/04	5004-5014'	4 JSPF	40 holes
8/18/04	4053-4060'	4 JSPF	28 holes
8/18/04	4018-4032'	4 JSPF	56 holes



**NEWFIELD**

**Beluga 4-18-9-17**

660' FNL 660' FWL

NW/NW Section 18-T9S-R17E

Duchesne Co., Utah

API# 43-013-32274; Lease # UTU-72106



## Beluga Federal 6-18-9-17

Spud Date: 07/13/07  
 Put on Production: 08/31/07  
 GL: 5450' KB: 5462'

Injection Wellbore  
DiagramSURFACE CASING

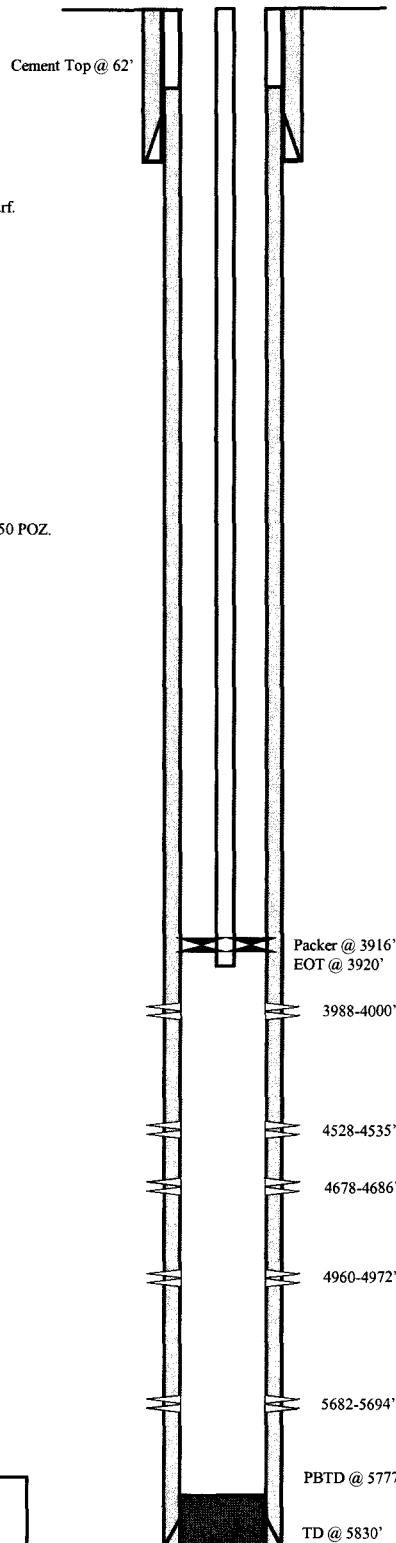
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (308.93')  
 DEPTH LANDED: 320.78' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 1 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 149 jts. (5803.04')  
 DEPTH LANDED: 5816.29' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.  
 CEMENT TOP: 62'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 124 jts (3901.6')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 3911.6' KB  
 CE @ 3915.88'  
 TOTAL STRING LENGTH: EOT @ 3920' KB

FRAC JOB

08/27/07 5682-5694' **Frac CP5 sands as follows:**  
 14030# 20/40 sand in 290 bbls Lightning 17  
 frac fluid. Treated @ avg press of 2277 psi  
 w/avg rate of 24.7 BPM. ISIP 1955' psi. Calc  
 flush: 5680 gal. Actual flush: 5090 gal.

08/27/07 4960-4972' **Frac A1 sands as follows:**  
 84430# 20/40 sand in 662 bbls Lightning 17  
 frac fluid. Treated @ avg press of 1775 psi  
 w/avg rate of 24.7 BPM. ISIP 2173' psi. Calc  
 flush: 4958 gal. Actual flush: ? gal.

08/27/07 4678-4686' **Frac C sands as follows:**  
 19320# 20/40 sand in 306 bbls Lightning 17  
 frac fluid. Treated @ avg press of 2258 psi  
 w/avg rate of 24.7 BPM. ISIP 1955' psi. Calc  
 flush: 4678 gal. Actual flush: 4171 gal.

08/27/07 4528-4535' **Frac D1 sands as follows:**  
 14886# 20/40 sand in 267 bbls Lightning 17  
 frac fluid. Treated @ avg press of 2011 psi  
 w/avg rate of 24.7 BPM. ISIP 1871' psi. Calc  
 flush: 4526 gal. Actual flush: 3940 gal.

08/27/07 3988-4000' **Frac GB4 sands as follows:**  
 57271# 20/40 sand in 473 bbls Lightning 17  
 frac fluid. Treated @ avg press of 2065 psi  
 w/avg rate of 24.7 BPM. ISIP 1893' psi. Calc  
 flush: 3986 gal. Actual flush: 3902 gal.

2/1/2011 **Pump Change.** Update rod and tubing details.  
 11/17/2011 **Pump Change.** Updated rod & tubing detail.  
 02/16/12 **Convert to Injection Well**  
 02/28/12 **Conversion MIT Finalized** - update tbg  
 detail

PERFORATION RECORD

08/21/07	5682-5694'	4 JSPF	48 holes
08/27/07	4960-4972'	4 JSPF	48 holes
08/27/07	4678-4686'	4 JSPF	32 holes
08/27/07	4528-4535'	4 JSPF	28 holes
08/27/07	3988-4000'	4 JSPF	48 holes

**Beluga Federal 6-18-9-17**

2009' FNL & 1829' FWL  
 SE/NW Section 18-T9S-R17E  
 Duchesne Co, Utah  
 API #43-013-32811; Lease # UTU-72106

## Beluga Federal 12-18-9-17

Spud Date: 6-28-07  
Put on Production: 8-6-07

GL: 5486' KB: 5498'

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (312.61')  
DEPTH LANDED: 324.46' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

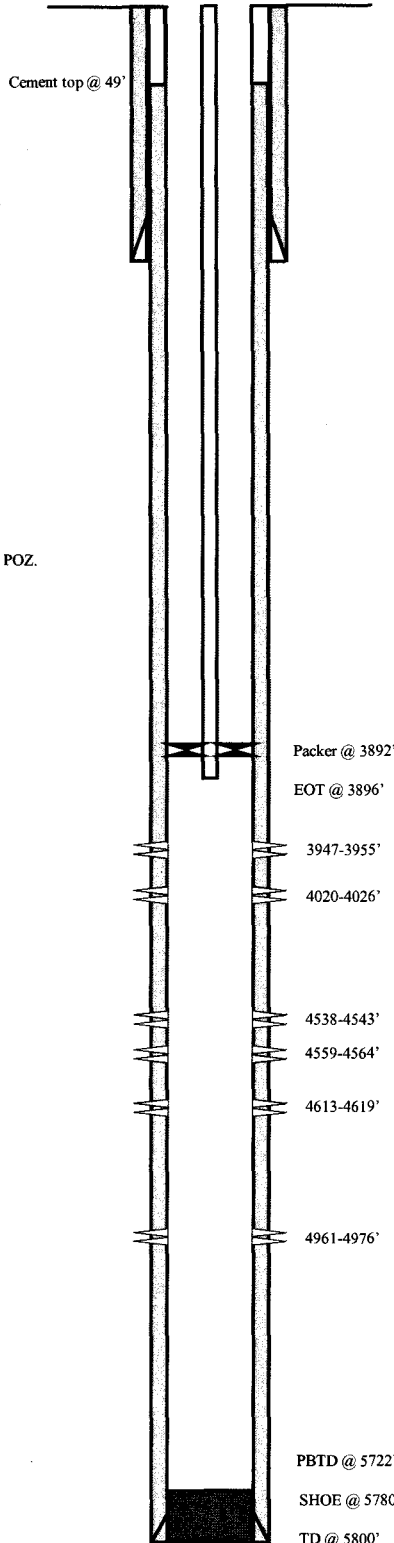
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 131 jts (5767.15')  
DEPTH LANDED: 5780.40' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs 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: 121 jts (3875.2')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 3887.2' KB  
CE @ 3891.61'  
TOTAL STRING LENGTH: EOT @ 3896' KB

### Injection Wellbore Diagram



### FRAC JOB

08-02-07	4961-4976'	<b>Frac A3 sands as follows:</b> 95488# 20/40 sand in 741 bbls Lightning 17 frac fluid. Treated @ avg press of 1785 psi w/avg rate of 24.9 BPM. ISIP 2050 psi. Calc flush: 4959 gal. Actual flush: 4452 gal.
08-02-07	4538-4619'	<b>Frac D3, D2, &amp; D1 sands as follows:</b> 27607# 20/40 sand in 374 bbls Lightning 17 frac fluid. Treated @ avg press of 1940 psi w/avg rate of 25 BPM. ISIP 1830 psi. Calc flush: 4536 gal. Actual flush: 4032 gal.
08-02-07	3947-3955'	<b>Frac GB4 sands as follows:</b> 32767# 20/40 sand in 351 bbls Lightning 17 frac fluid. Treated @ avg press of 1927 psi w/avg rate of 24.9 BPM. ISIP 1588 psi. Calc flush: 3945 gal. Actual flush: 3864 gal.
6-28-10	4020-4026'	<b>Frac GB6 sands as follows:</b> 8754# 20/40 sand in 81 bbls Lightning 17 frac fluid.
6-29-10		<b>Convert to Injection well</b>
7-7-10		<b>MIT completed -tbg detail updated</b>

### PERFORATION RECORD

07-27-07	4961-4976'	4 JSPF	60 holes
08-02-07	4613-4619'	4 JSPF	24 holes
08-02-07	4559-4564'	4 JSPF	20 holes
08-02-07	4538-4543'	4 JSPF	20 holes
08-02-07	3947-3955'	4 JSPF	32 holes
06-28-10	4020-4026'	3 JSPF	18 holes



### Beluga Federal 12-18-9-17

1974' FSL & 659' FWL

NW/SW Section 18-T9S-R17E

Duchesne Co, Utah

API # 43-013-32813; Lease # UTU-72106

## Greater Monument Butte N-18-9-17

Spud Date: 6/30/2011  
Put on Production: 8/9/2011  
GL: 5467' KB: 5479'

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (315.35')  
DEPTH LANDED: 327.67' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G", circ. 5 bbls to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 140 jts. (6031.37')  
HOLE SIZE: 7-7/8"  
DEPTH LANDED: 6050.41' KB  
CEMENT DATA: 275 sxs Prem. Lite II mixed & 390 sxs 50/50 POZ  
CEMENT TOP AT: 78' per CBL 7/27/11

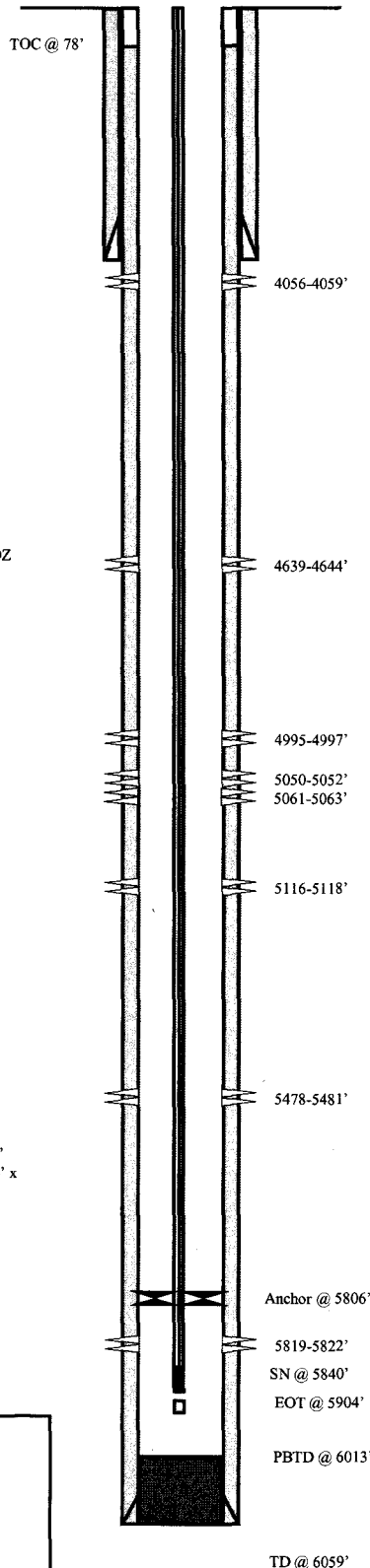
### TUBING (GI 8/9/11)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 185 jts. (5793.7')  
TUBING ANCHOR: 5805.72' KB  
NO. OF JOINTS: 1 jt. (31.7')  
SEATING NIPPLE: 2-7/8" (1.1')  
SN LANDED AT: 5840.23' KB  
NO. OF JOINTS: 2 jts. (62.6')  
NOTCHED COLLAR: 2-7/8" (0.45')  
TOTAL STRING LENGTH: EOT @ 5904.36' KB

### SUCKER RODS (GI 1/31/13)

POLISHED ROD: 1-1/2" x 30' Spray Metal Polish Rod  
SUCKER RODS: 2' x 7/8" Pony Rod, [Polish Rod], 2', 6', 8' x 7/8"  
Pony Rods, 227 x 7/8" Guided Rods(8per), 4 x 1-1/2" Weight Bars, 4' x 1" Stabilizer Bar  
PUMP SIZE: 2-1/2 x 1-1/4" x 20' x 24' RHAC  
STROKE LENGTH: 146"  
PUMP SPEED, SPM: 3.5  
PUMPING UNIT: DARCO C-640-365-168

### Wellbore Diagram



### FRAC JOB

7/27/2011 5478-5822' Frac CP.5 and CP5, sands as follows:  
Frac with 19447# 20/40 white sand in 172 bbls Lightning 17 fluid; 321 bbls total fluid to recover.

7/29/2011 4995-4997' Frac A.5, A1 and A3, sands as follows:  
Frac with 149937# 20/40 white sand in 911 bbls Lightning 17 fluid; 1028 bbls total fluid to recover.

7/29/2011 4639-4644' Frac D1, sands as follows:  
Frac with 43464# 20/40 white sand in 292 bbls Lightning 17 fluid; 400 bbls total fluid to recover.

7/29/2011 4056-4059' Frac GB4, sands as follows:  
Frac with 13696# 20/40 white sand in 271 bbls Lightning 17 fluid; 235 bbls total fluid to recover.

### PERFORATION RECORD

4056-4058'	3 JSPF	9 holes
4639-4644'	3 JSPF	15 holes
4995-4997'	3 JSPF	6 holes
5050-5052'	3 JSPF	6 holes
5061-5063'	3 JSPF	6 holes
5116-5118'	3 JSPF	6 holes
5478-5481'	3 JSPF	9 holes
5819-5822'	3 JSPF	9 holes

**NEWFIELD**

Greater Monument Butte N-18-9-17  
1962' FNL & 678' FWL (SW/NW)  
Section 18, T9S, R17E  
Duchesne County, Utah  
API #43-013-50500; Lease #UTU-72106

## Greater Monument Butte G-18-9-17

Spud Date: 7/5/2011  
 Put on Production: 8/5/2011  
 GL: 5467' KB: 5479'

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7jts (305.2')  
 DEPTH LANDED: 317.52'  
 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: 139jts (6142.12')  
 DEPTH LANDED: 6137.12'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 275 sxs Premilite II & 400 sxs 50/50 POZ.  
 CEMENT TOP: 80' per CBL 7/27/11

**TUBING (KS 8/8/11)**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 158jts (5128')  
 TUBING ANCHOR: 5140'  
 NO. OF JOINTS: 2jts (65')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5207.8'  
 NO. OF JOINTS: 2jts (65')  
 NOTCHED COLLAR: 5273.9'  
 TOTAL STRING LENGTH: EOT @ 5274'

**SUCKER RODS (KS 8/8/11)**

POLISHED ROD: 1-1/2" x 30' Polished Rod  
 SUCKER RODS: 2', 4', 6' x 7/8" Pony Rods, 202 x 7/8"  
 8per Guided Rods, 4 x 1-1/2" Sinkers Bars, 1 x 1" x 4'  
 Stabilizer Bar  
 PUMP SIZE: 2-1/2" x 1-3/4" x 20' x 24' RHAC  
 STROKE LENGTH: 124"  
 PUMP SPEED, SPM: 3.7  
 PUMPING UNIT: DARCO C-456-305-144

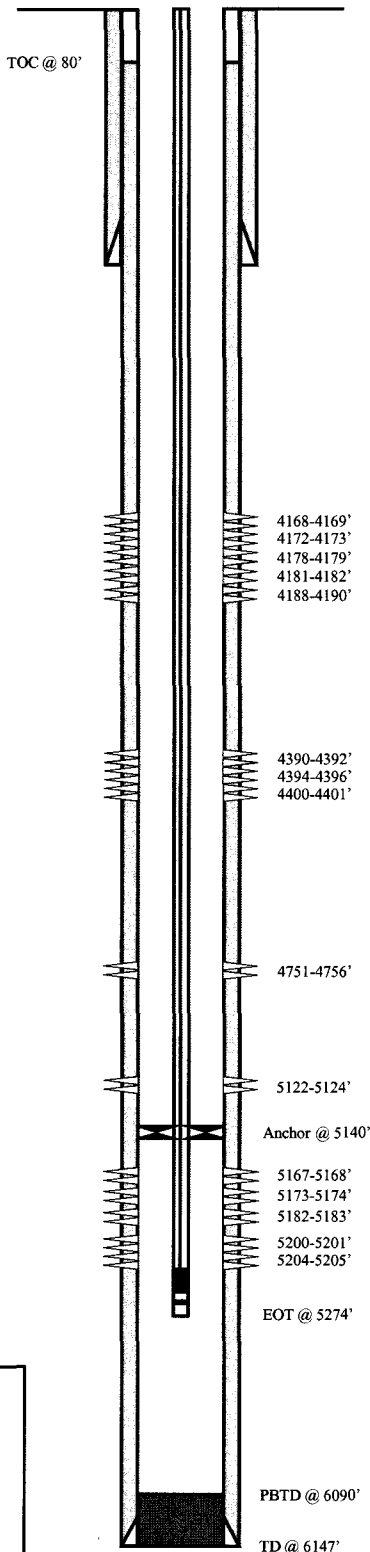
**FRAC JOB**

7/27/2011 5167-5205' **Frac A3 and A1, sands as follows:**  
 Frac with 89247# 20/40 white sand in 547  
 bbls Lightning 17 frac fluid; 714 bbls total  
 fluid to recover.

7/29/2011 4751-4756' **Frac D2, sands as follows:**  
 Frac with 47511# 20/40 white sand in 312  
 bbls Lightning 17 fluid; 424 bbls total fluid to  
 recover.

7/29/2011 4390-4401' **Frac PB10, sands as follows:**  
 Frac with 32150# 20/40 white sand in 280  
 bbls Lightning 17 fluid; 385 bbls total fluid to  
 recover.

7/29/2011 4168-4190' **Frac GB6, sands as follows:**  
 Frac with 34440# 20/40 white sand in 255  
 bbls Lightning 17 fluid; 352 bbls total fluid to  
 recover.

**PERFORATION RECORD**

5204-5205'	3 JSPF	3 holes
5200-5201'	3 JSPF	3 holes
5182-5183'	3 JSPF	3 holes
5173-5174'	3 JSPF	3 holes
5167-5168'	3 JSPF	3 holes
5122-5124'	3 JSPF	6 holes
4751-4756'	3 JSPF	15 holes
4400-4401'	3 JSPF	3 holes
4394-4396'	3 JSPF	6 holes
4390-4392'	3 JSPF	6 holes
4188-4190'	3 JSPF	6 holes
4181-4182'	3 JSPF	3 holes
4178-4179'	3 JSPF	3 holes
4172-4173'	3 JSPF	3 holes
4168-4169'	3 JSPF	3 holes

**NEWFIELD****Greater Monument Butte G-18-9-17**

1947' FNL &amp; 693' FWL (SW/NW)

Section 18, T9S, R17E

Duchesne County, Utah

API #43-013-50499; Lease # UTU-72106

**NEWFIELD****GMBU F-18-9-17**

Monument Butte - Duchesne County, Utah, USA

Surf Location: NE/NE - Sec 13, T8S, R16E; 473' FNL &amp; 598' FEL

5463' GL + 10' KB

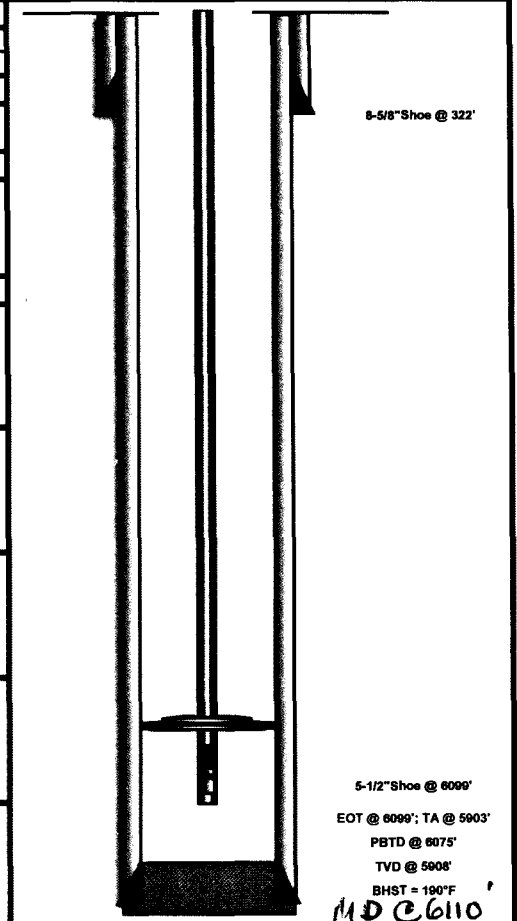
Sam Styles

DLB 7/1/13

APW: 43-013-51672; Lease#: UTU-75039

Spud Date: 3/28/13; PoP Date: 5/9/13

CASING DETAIL	Casing	Top	Bottom	Size	Wt	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
	Surf	10'	322'	8.625	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250
	Prod	10'	6,099'	5.500	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875
TBG DETAIL	Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger		
	10'	5,969'	8EUE	2-7/8"	6.5#	J-55	2.347"	7,260	7,680	2.441"	Tubing Anchor Set @	5,903'	
ROD DETAIL	Component			Top	Bottom	Size	Grade	Length	Count	Pump			
	Polish Rod				30'	1 1/2"	Spray Metal	30'	1	Insert Pump: 2.5 Max ID x 1.75 Plunger RHAC @			
	4per Guided Rod			30'	1,955'	7/8"	Tenaris D78	1,925'	77	5,955'			
	4per Guided Rod			1,955'	5,205'	3/4"	Tenaris D78	3,250'	130				
	8per Guided Rod			5,205'	5,955'	7/8"	Tenaris D78	750'	30				
Stage	Top	Bottom	SPF	EHD	Date	Frac Summary							
5	4,420'	4,430'	3	0.34	4/30/2013	Formation:	PB-10						
						20/40 White:	39,556 lbs	15% HCl:	2,520 gals				
						Pad:	16,351 gals	Treating Fluid:	34,735 gals				
						Flush:	4,397 gals	Load to Recover:	55,483 gals				
						ISIP=	0.749 psi/ft	Max STP:	2,383 psi				
4	4,716'	4,717'	3	0.34	4/30/2013	Formation:	C-sand D-1						
	4,719'	4,720'	3	0.34	4/30/2013	20/40 White:	94,534 lbs	15% HCl:	500 gals				
	4,859'	4,860'	3	0.34	4/30/2013	Pad:	1,172 gals	Treating Fluid:	23,244 gals				
	4,867'	4,868'	3	0.34	4/30/2013	Flush:	4,641 gals	Load to Recover:	29,556 gals				
	4,876'	4,878'	3	0.34	4/30/2013	ISIP=	0.884 psi/ft	Max STP:	3,056 psi				
3	5,207'	5,209'	3	0.34	4/30/2013	Formation:	A-3						
	5,225'	5,228'	3	0.34	4/30/2013	20/40 White:	34,693 lbs	15% HCl:	500 gals				
						Pad:	1,323 gals	Treating Fluid:	8,890 gals				
						Flush:	5,141 gals	Load to Recover:	15,854 gals				
						ISIP=	0.863 psi/ft	Max STP:	3,255 psi				
2	5,567'	5,571'	3	0.34	4/30/2013	Formation:	CP-Half						
						20/40 White:	19,785 lbs	15% HCl:	500 gals				
						Pad:	1,331 gals	Treating Fluid:	5,859 gals				
						Flush:	5,615 gals	Load to Recover:	13,306 gals				
						ISIP=	0.789 psi/ft	Max STP:	2,714 psi				
1	5,923'	5,926'	3	0.34	4/30/2013	Formation:	CP5						
	5,928'	5,929'	3	0.34	4/30/2013	20/40 White:	39,556 lbs	15% HCl:	500 gals				
						Pad:	11,778 gals	Treating Fluid:	17,305 gals				
						Flush:	5,905 gals	Load to Recover:	28,655 gals				
						ISIP=	0.820 psi/ft	Max STP:	2,937 psi				
CEMENT	Surf	On 3/30/13 cement w/Pro Petro w/175 sks of class G+2%Kcl+ 25#CF mixed @ 15.8ppg and 1.17 yield. Returned 5bbls to pit, bump plug to 300psi											
	Prod	On 4/09/13 Baker Hughs Cement w/ 240sack of lead PL II 3%KCL+5#CSE+0.5#CF+5#KOL+.5SMS+FP+SL 3.43 yield 11 ppg. Then 475 sacks tail H.S.M W ppg.Bump plug @ 1100 psi Returned 20 bbls of cmt to pit. TOC @ 45'.											



## GMBU V-12-9-16

Spud Date: 9/21/12

PWOP: 10/30/12

GL: 5477' KB: 5490'

## Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (305.69')

DEPTH LANDED: 321.01' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G", circ. 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 150 jts. (6135.77')

HOLE SIZE: 7-7/8"

DEPTH LANDED: 6155' KB

CEMENT DATA: 221 sxs Prem. Lite II mixed &amp; 443 sxs 50/50 POZ.

CEMENT TOP AT: 70' per CBL 10/16/12

TUBING (GI 10/30/12)

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

NO. OF JOINTS: 181 jts. (5677.53')

TUBING ANCHOR: 5691.28' KB

NO. OF JOINTS: 1 jt. (31.45')

SEATING NIPPLE: 2-7/8" (1.1')

SN LANDED AT: 5725.48' KB

NO. OF JOINTS: 2 jts. (62.89')

NOTCHED COLLAR: 2-7/8" (0.45')

TOTAL STRING LENGTH: EOT @ 5789.92'

SUCKER RODS (GI 10/30/12)

POLISHED ROD: 1-1/2" x 30' Spray Metal Polished Rod

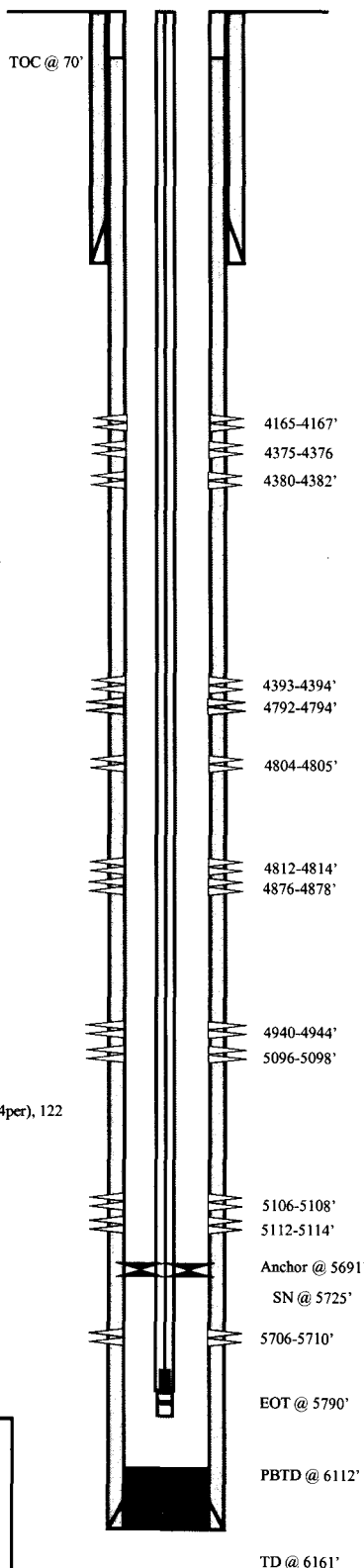
SUCKER RODS: 2', 6', 8' x 7/8" Pony Rods, 77 x 7/8" Guided Rods(4per), 122 x 3/4" Guided Rods(4per), 2 x 7/8" guided rods(8per)

PUMP SIZE: 2-1/2" x 1-3/4" x 20' RHAC

STROKE LENGTH: 146"

PUMP SPEED, SPM: 4

PUMPING UNIT: DARCO C-640-365-168

FRAC JOB

10/18/2012	5706-5710'	<b>Frac CP4 sands as follows:</b> Frac with 25117# 20/40 white sand in 170 bbls lightning 17 fluid
10/18/2012	5096-5114'	<b>Frac A1 sands as follows:</b> Frac with 32856# 20/40 white sand in 217 bbls lightning 17 fluid
10/18/2012	4876-4944'	<b>Frac B.5 &amp; B2 sands as follows:</b> Frac with 59815# 20/40 white sand in 361 bbls lightning 17 fluid
10/18/2012	4792-4814'	<b>Frac C sands as follows:</b> Frac with 51461# 20/40 white sand in 306 bbls lightning 17 fluid
10/18/2012	4165-4394'	<b>Frac PB10 &amp; GB6 sands as follows:</b> Frac with 62497# 20/40 white sand in 359 bbls lightning 17 fluid

PERFORATION RECORD

5706-5710'	3 JSPP	12 holes
5112-5114'	3 JSPP	6 holes
5106-5108'	3 JSPP	6 holes
5096-5098'	3 JSPP	6 holes
4940-4944'	3 JSPP	12 holes
4876-4878'	3 JSPP	6 holes
4812-4814'	3 JSPP	6 holes
4804-4805'	3 JSPP	3 holes
4792-4794'	3 JSPP	6 holes
4393-4394'	3 JSPP	3 holes
4380-4382'	3 JSPP	6 holes
4375-4376'	3 JSPP	3 holes
4165-4167'	3 JSPP	6 holes

**NEWFIELD****GMBU V-12-9-16**

615' FNL &amp; 1804' FEL (NW/NE)

Section 13 Section 12, T9S, R16E

Duchesne County, Utah

API #43-013-51155; Lease # UTU-64805

## NEWFIELD



GMBU Y-7-9-17

Monument Butte - Duchesne County; Utah, USA

Surface Legal Location: NE/NE Sec. 13, T9S, R16E; 45S' FNL &amp; 587' FEL

Elevation: 5463' GL + 10' KB

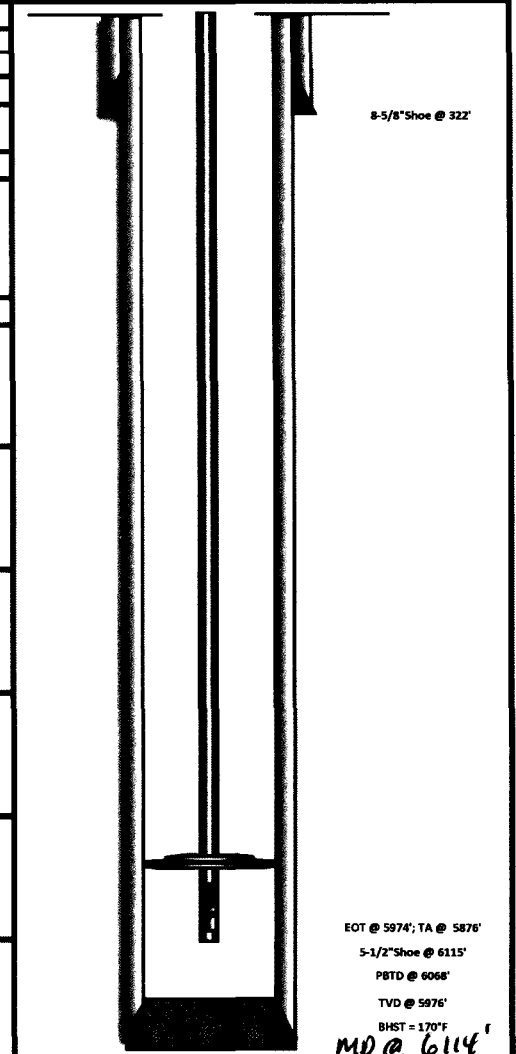
API Number: 43-013-51670; Lease Number: UTU-75039

Spud Date: 3/29/13; PoP Date: 5/9/13

Sern Styles

DLB 7/1/13

CASING DETAIL	Casing	Top	Bottom	Size	Wt.	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
	Surf	10.00	322'	8.625	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250
	Prod	10.00	6,115'	5.500	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875
TBG DETAIL	Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger		
	10.00	5,974'	8EUE	2-7/8"	6.5#	J-55	2.347"	7,260	7,680	2.441"	Tubing Anchor Set @	5,876'	
ROD DETAIL	Component			Top	Bottom	Size	Grade	Length	Count	Pump			
	Polish Rod				30'	1 1/2"	Spray Metal	30'	1	Insert Pump: 2.5 Max ID x 1.75 Plunger RHAC @			
	Pony Rod			30'	32'	7/8"	Tenaris D78	2'	1	5,907'			
	4per Guided Rod			32'	1,957'	7/8"	Tenaris D78	1,925'	77				
	4per Guided Rod			1,957'	5,157'	3/4"	Tenaris D78	3,200'	128				
	8per Guided Rod			5,157'	5,907'	7/8"	Norris 96	750'	30				
Stage	Top	Bottom	SPF	EHD	Date	Frac Summary							
6	4,129'	4,131'	2	0.34	5/1/2013	Formation:	GB-6	GB-4					
	4,137'	4,139'	2	0.34	5/1/2013	20/40 White:	100,005 lbs	15% HCl:	0 gals				
	4,146'	4,148'	2	0.34	5/1/2013	Pad:	4,519 gals	Treating Fluid:	24,542 gals				
	4,180'	4,182'	2	0.34	5/1/2013	Flush:	4,150 gals	Load to Recover:	33,211 gals				
	4,184'	4,186'	2	0.34	5/1/2013	ISIP=	0.892 psi/ft	Max STP:	2,983 psi				
5	4,265'	4,266'	3	0.34	5/1/2013	Formation:	PB-10	PB-7					
	4,269'	4,270'	3	0.34	5/1/2013	20/40 White:	29,994 lbs	15% HCl:	500 gals				
	4,404'	4,407'	3	0.34	5/1/2013	Pad:	1,621 gals	Treating Fluid:	7,354 gals				
						Flush:	4,284 gals	Load to Recover:	13,760 gals				
						ISIP=	0.837 psi/ft	Max STP:	3,463 psi				
4	4,692'	4,694'	3	0.34	5/1/2013	Formation:	D-2	D-1					
	4,765'	4,768'	3	0.34	5/1/2013	20/40 White:	34,833 lbs	15% HCl:	500 gals				
						Pad:	970 gals	Treating Fluid:	8,573 gals				
						Flush:	4,826 gals	Load to Recover:	14,869 gals				
						ISIP=	0.940 psi/ft	Max STP:	2,939 psi				
3	5,152'	5,156'	3	0.34	5/1/2013	Formation:	A-1						
						20/40 White:	24,991 lbs	15% HCl:	500 gals				
						Pad:	1,403 gals	Treating Fluid:	6,117 gals				
						Flush:	1,246 gals	Load to Recover:	8,020 gals				
						ISIP=	0.824 psi/ft	Max STP:	2,893 psi				
2	5,543'	5,546'	3	0.34	5/1/2013	Formation:	CP-Half						
	5,547'	5,548'	3	0.34	5/1/2013	20/40 White:	25,165 lbs	15% HCl:	500 gals				
						Pad:	1,205 gals	Treating Fluid:	6,263 gals				
						Flush:	1,105 gals	Load to Recover:	9,073 gals				
						ISIP=	0.756 psi/ft	Max STP:	2,902 psi				
1	5,901'	5,905'	3	0.34	5/1/2013	Formation:	CP-5						
						20/40 White:	18,926 lbs	15% HCl:	500 gals				
						Pad:	2,408 gals	Treating Fluid:	5,066 gals				
						Flush:	5,951 gals	Load to Recover:	13,927 gals				
						ISIP=	0.760 psi/ft	Max STP:	3,490 psi				
CEMENT	Surf	On 3/30/13 cement w/Pro Petro w/175 sks of class G-2%KCl+.25#CF mixed @ 15.8ppg and 1.17 yield. Returned 5bbls to pit, bump plug to 300psi.											
	Prod	On 4/13/13 Baker Hughs Cement w/ 250sack of lead PL II 3%KCL+.5#CSE+.05#KOL+.5SMS+FP+SL 3.43 yield 11 ppg. Then 475 sacks tail H.S.M W 50:50:2+3%KCL+.5#EC-1+.25#CF+.05#SF+.3SMS+F-6L mixed 1.24 yield 14.4 ppg. Bump plug @ 1100 psi. Returned 20 bbls of cmt to pit. TOC @ 27'.											



EOT @ 5974'; TA @ 5876'

5-1/2\"Shoe @ 6115'

PSTD @ 6068'

TVD @ 5876'

BHST = 170°F

MD @ 6114'

# NEWFIELD



## GMBU H-18-9-17

Monument Butte - Duchesne County, Utah, USA

Surface Location: SE/NW Sec 18, T9S, R17E; 2018' FNL & 1850' FWL

5454' GL 10' KB

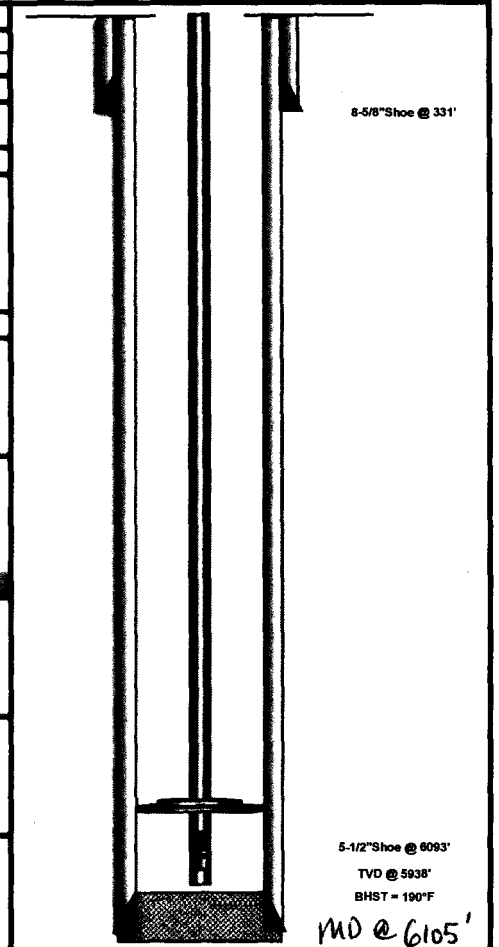
API# 43-013-50503; Lease# UTU-72106

Mickey Moulton

DLB 10/22/12

Spud Date: 6/20/12; PoP Date: 7/23/12

CASING DETAIL	Casing	Top	Bottom	Size	Wt	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
	Surf	10.00	331'	8-5/8"	24#	J-55	7.972"	2,950	1,370	8.097"	2,6749	STC	12.250
TGB. DETAIL	Prod	10.00	6,093'	5-1/2"	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875
	Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger		
	10.00	5,973'	8EUE	2-7/8"	6.5#	J-55	2.347"	7,200	7,680	2.441"	Tubing Anchor Set @ 5,875'		
ROD DETAIL	Component			Top	Bottom	Size	Grade	Length	Count	Pump			
	Polish Rod			0'	30'	7/8"	Tenaris D78	30'	1	Insert Pump: 2.5 Max ID x 1.75 Plunger RHAC @ 5,911'			
	Pony Rod			30'	34'	7/8"	Tenaris D78	4'	1				
	Pony Rod			34'	36'	7/8"	Tenaris D78	2'	1				
	8per Guided Rod			36'	761'	7/8"	Tenaris D78	725'	29				
	4per Guided Rod			761'	4,011'	3/4"	Tenaris D78	3,250'	130				
	Sucker Rod			4,011'	5,911'	7/8"	Tenaris D78	1,900'	76				
Stage	Top	Bottom	SPF	Gun Size	Date	Frac Summary							
5	4,120'	4,121'	3	1"	7/16/2012	Formation:	GB-4						
	4,124'	4,125'	3	1"	7/16/2012	20/40 White:	56,130 lbs	15% HCL:	0 gals				
	4,128'	4,129'	3	1"	7/16/2012	Pad:	3,163 gals	Treating Fluid:	13,285 gals				
	4,135'	4,136'	3	1"	7/16/2012	Flush:	4,179 gals	Total Load to Rec:	20,622 gals				
						ISIP=	0.930 psi/ft	Max STP:	3,905 psi				
4	4,673'	4,674'	3	1"	7/16/2012	Formation:	C-Sand D-2	D-1					
	4,679'	4,680'	3	1"	7/16/2012	20/40 White:	54,515 lbs	15% HCL:	500 gals				
	4,746'	4,747'	3	1"	7/16/2012	Pad:	16,264 gals	Treating Fluid:	12,239 gals				
	4,749'	4,750'	3	1"	7/16/2012	Flush:	4,679 gals	Total Load to Rec:	33,667 gals				
	4,826'	4,827'	3	1"	7/16/2012	ISIP=	0.850 psi/ft	Max STP:	3,950 psi				
	4,830'	4,831'	3	1"	7/16/2012								
3	4,945'	4,946'	3	1"	7/16/2012	Formation:	A-3	B-1					
	4,952'	4,953'	3	1"	7/16/2012	20/40 White:	42,255 lbs	15% HCL:	500 gals				
	5,155'	5,156'	3	1"	7/16/2012	Pad:	2,079 gals	Treating Fluid:	11,579 gals				
	5,159'	5,165'	3	2"	7/16/2012	Flush:	4,015 gals	Total Load to Rec:	18,173 gals				
						ISIP=	0.920 psi/ft	Max STP:	4,070 psi				
2	5,552'	5,553'	3	1"	7/16/2012	Formation:	CP-1						
	5,556'	5,557'	3	1"	7/16/2012	20/40 White:	35,475 lbs	15% HCL:	1,105 gals				
	5,561'	5,562'	3	1"	7/16/2012	Pad:	1,432 gals	Treating Fluid:	8,551 gals				
	5,565'	5,566'	3	1"	7/16/2012	Flush:	5,531 gals	Total Load to Rec:	16,619 gals				
						ISIP=	0.750 psi/ft	Max STP:	3,195 psi				
1	5,915'	5,919'	3	2"	7/14/2012	Formation:	CP-5						
	5,919'	5,920'	3	1"	7/14/2012	20/40 White:	15,274 lbs	15% HCL:	1,025 gals				
						Pad:	1,915 gals	Treating Fluid:	3,868 gals				
						Flush:	5,897 gals	Total Load to Rec:	12,709 gals				
						ISIP=	0.760 psi/ft	Max STP:	4,205 psi				
CEMENT	Surf	On 6/20/12 Baker cemented 8 5/8" casing w/ 160 sks Class "G" + 2% KCl + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield and returned 6 bbls to the pit.											
	Prod	On 7/2/12 Baker pumped 231 sks lead @ 11 ppg w/ 3.53 yield plus 454 sks tail @ 14.4 ppg w/ 1.24 yield. Returned 29 bbls to the pit. TOC @ 43'.											



5-1/2" Shoe @ 6033'

TVD @ 5938'

BHST = 190°F

MD @ 6105'



# NEWFIELD



## GMBU M-18-9-17

Monument Butte - Duchesne County, Utah, USA

Surface Location: SE/NW Sec 18, T8S, R17E; 2037' FNL & 1861' FWL

5454' GL 10' KB

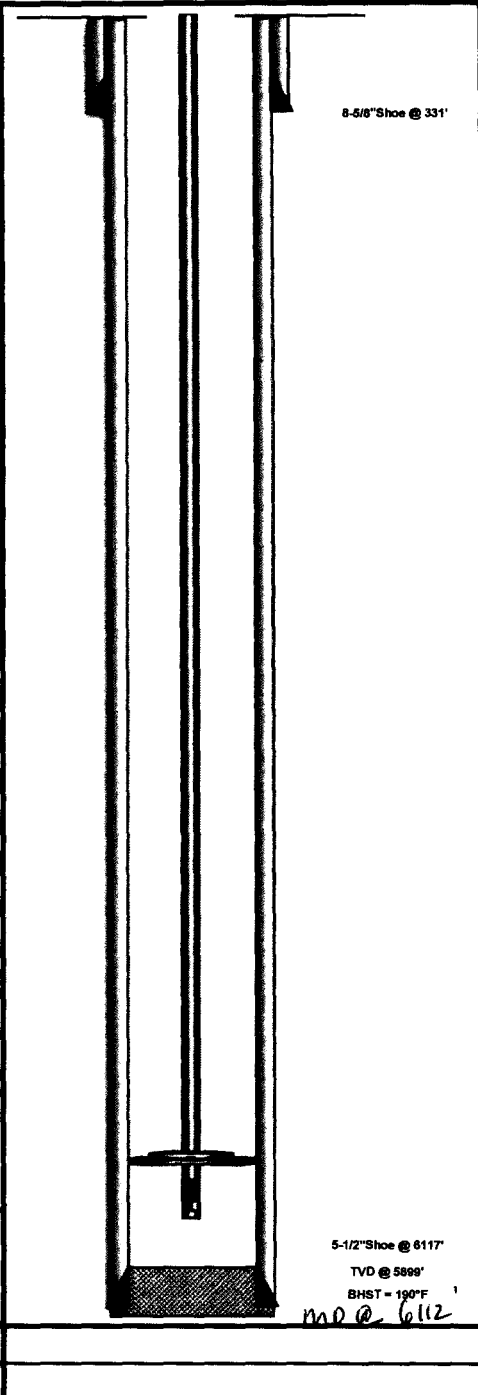
API#: 43-013-50504; Lease#: UTU-72106

Mickey Moulton

DLB 10/23/2012

Spud Date: 6/21/12; PoP Date: 7/27/12

CASING DETAIL	Casing	Top	Bottom	Size	Wt.	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole	
	Surf	10'	331'	8.625"	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250	
	Prod	10'	6,117'	5.5"	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875	
TBO DETAIL	Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger			
	10'	5,993'	8EUE	2.875"	6.5#	J-55	2.347"	7,260	7,680	2.441"	Tubing Anchor Set @	5,863'		
ROD DETAIL	Component			Top	Bottom	Size	Grade	Length	Count	Pump				
	Pony Rod				2'	7/8"	Tenaris D78	2'	1	Insert Pump: 2.5 Max ID x 1.75 Plunger RHAC @ 5,888'				
	Polish Rod			2'	32'	1 1/2"		30'	1					
	Pony Rod			32'	34'	7/8"	Tenaris D78	2'	1					
	Pony Rod			34'	36'	7/8"	Tenaris D78	4'	1					
	4per Guided Rod			38'	2,068'	7/8"	Tenaris D78	2,060'	82					
	4per Guided Rod				2,088'	5,188'	3/4"	Tenaris D78	3,100'	124				
	6per Guided Rod				5,188'	5,888'	7/8"	Tenaris D78	700'	28				
Stage	Top	Bottom	SPF	Gun Size	Date	Frac Summary								
8	4,015'	4,016'	3	1"	7/17/2012	Formation:	GB-2							
	4,020'	4,021'	3	1"	7/17/2012	20/40 White:	36,704 lbs	15% HCL:	0 gals					
	4,029'	4,031'	3	2"	7/17/2012	Pad:	1,592 gals	Treating Fluid:	9,152 gals					
						Flush:	3,910 gals	Total Load to Rec:	14,654 gals					
						ISIP=	0.960 psi/ft	Max STP:	2,407 psi					
7	4,090'	4,091'	3	1"	7/17/2012	Formation:	GB-4							
	4,097'	4,098'	3	1"	7/17/2012	20/40 White:	128,861 lbs	15% HCL:	500 gals					
	4,102'	4,103'	3	1"	7/17/2012	Pad:	4,368 gals	Treating Fluid:	30,677 gals					
	4,120'	4,121'	3	1"	7/17/2012	Flush:	4,133 gals	Total Load to Rec:	39,673 gals					
	4,132'	4,133'	3	1"	7/17/2012	ISIP=	0.850 psi/ft	Max STP:	2,929 psi					
6	4,149'	4,150'	3	1"	7/17/2012	Formation:	D-1 D-S3							
	4,626'	4,627'	3	1"	7/17/2012	20/40 White:	19,226 lbs	15% HCL:	659 gals					
	4,629'	4,630'	3	1"	7/17/2012	Pad:	1,693 gals	Treating Fluid:	4,851 gals					
	4,672'	4,674'	3	2"	7/17/2012	Flush:	4,637 gals	Total Load to Rec:	11,840 gals					
	0'	0'	3	0"		ISIP=	0.840 psi/ft	Max STP:	2,625 psi					
5						Formation:	B-2 B-Half C-Sand							
	4,831'	4,832'	3	1"	7/17/2012	20/40 White:	38,824 lbs	15% HCL:	500 gals					
	4,910'	4,911'	3	1"	7/17/2012	Pad:	3,205 gals	Treating Fluid:	9,530 gals					
	4,988'	4,990'	3	2"	7/17/2012	Flush:	4,813 gals	Total Load to Rec:	18,047 gals					
						ISIP=	0.830 psi/ft	Max STP:	3,280 psi					
4						Formation:	A-3 A-1							
	5,113'	5,114'	3	1"	7/17/2012	20/40 White:	48,990 lbs	15% HCL:	500 gals					
	5,120'	5,121'	3	1"	7/17/2012	Pad:	4,834 gals	Treating Fluid:	11,701 gals					
	5,127'	5,128'	3	1"	7/17/2012	Flush:	5,120 gals	Total Load to Rec:	22,159 gals					
	5,159'	5,160'	3	1"	7/17/2012	ISIP=	0.830 psi/ft	Max STP:	3,156 psi					
3	5,162'	5,164'	3	2"	7/17/2012	Formation:	CP-1							
	5,540'	5,542'	3	2"	7/17/2012	20/40 White:	14,391 lbs	15% HCL:	811 gals					
	5,545'	5,546'	3	1"	7/17/2012	Pad:	1,844 gals	Treating Fluid:	3,688 gals					
						Flush:	5,536 gals	Total Load to Rec:	11,878 gals					
						ISIP=	0.790 psi/ft	Max STP:	3,147 psi					
2						Formation:	CP-4 CP-3							
	5,686'	5,687'	3	1"	7/17/2012	20/40 White:	74,437 lbs	15% HCL:	500 gals					
	5,689'	5,690'	3	1"	7/17/2012	Pad:	3,444 gals	Treating Fluid:	17,707 gals					
	5,734'	5,735'	3	1"	7/17/2012	Flush:	5,670 gals	Total Load to Rec:	27,321 gals					
	5,751'	5,752'	3	1"	7/17/2012	ISIP=	0.770 psi/ft	Max STP:	3,053 psi					
1	5,764'	5,765'	3	1"	7/17/2012	Formation:	CP-5							
	5,864'	5,865'	3	1"	7/14/2012	20/40 White:	19,872 lbs	15% HCL:	1,201 gals					
	5,868'	5,870'	3	2"	7/14/2012	Pad:	2,440 gals	Treating Fluid:	4,843 gals					
						Flush:	5,788 gals	Total Load to Rec:	14,276 gals					
						ISIP=	0.830 psi/ft	Max STP:	3,213 psi					
CEMENT	Surf	On 6/20/12 Baker cemented 8 5/8" casing w/ 170 sks Class "G" + 2% KCl + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield and returned 07 bbls to the pit.												
	Prod	On 7/17/12 Baker pumped 230 sks lead @ 11 ppg w/ 3.53 yield plus 450 sks tail @ 14.4 ppg w/ 1.24 yield. Returned 28 bbls to the pit. TOC @ Surface.												



# NEWFIELD



## GMBU C-13-9-16

Monument Butte - Duchesne County, Utah, USA

Surface Location: N 51° E, Sec 13, T9S, R16E; 614' FNL & 1,625' FEL

*NWNE*  
8,477' GL + 10' KB

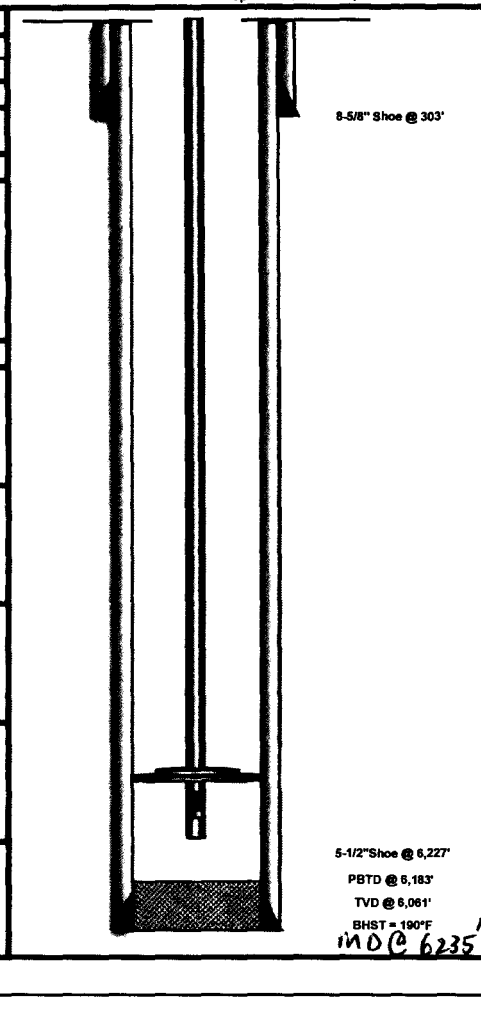
Mickey Moulton

PFM 12/4/2012

API#: 43-013-51156; Lease#: UTU-54805

Spud Date: 9/21/2012; PoP Date: 10/30/2012

CASING DETAIL	Casing	Top	Bottom	Size	Wt	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
	Surf	10'	6,227'	8-5/8"	24#	J-55	7.972"	2,950	1,370	8.087"	2,6749	STC	12.250
	Prod	10'	6,227'	5-1/2"	15.5#	J-55	4.826"	4,810	4,040	4.950"	0.9907	LTC	7.875
TBG DETAIL	Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger		
	10'	5,664'	8EUE	2-7/8"	8.5#	J-55	2.347"	7,260	7,680	2.441"	Tubing Anchor Set @	5,565'	
											Seating Nipple @ 5,599'		
ROD DETAIL	Component			Top	Bottom	Size	Grade	Length	Count	Pump			
	Polish Rod			0'	30'	1 1/2"	Spray Metal	30'	1	Insert Pump: 2.5 Max ID x 1.75 Plunger RHAC @ 5,592'. 4' Spray Metal plunger 0.003.			
	Pony Rod			30'	32'	7/8"	Tenaris D78	2'	1				
	Pony Rod			32'	36'	7/8"	Tenaris D78	4'	1				
	Pony Rod			36'	42'	7/8"	Tenaris D78	6'	1				
	4per Guided Rod			42'	1,792'	7/8"	Tenaris D78	1,750'	70				
	4per Guided Rod			1,792'	4,892'	3/4"	Tenaris D78	3,100'	124				
	8per Guided Rod			4,892'	5,592'	7/8"	Tenaris D78	700'	28				
Stage	Top	Bottom	SPF	Gun Size	Date	Frac Summary							
5	4,156'	4,159'	3	9"	10/18/2012	Formation:	GB-6	GB-4					
	4,205'	4,207'	3	6"	10/18/2012	20/40 White:	27,047 lbs	15% HCl:	0 gals				
	0'	0'	3	0'	-	Pad:	2,965 gals	Treating Fluid:	6,665 gals				
	0'	0'	3	0'	-	Flush:	4,561 gals	Load to Recover:	14,191 gals				
	0'	0'	3	0'	-	ISIP=	0.882 psi/ft	Max STP:	3,099 psi				
4	4,330'	4,332'	3	6"	10/18/2012	Formation:	PB-10	PB-8					
	4,400'	4,402'	3	6"	10/18/2012	20/40 White:	37,380 lbs	15% HCl:	252 gals				
	4,414'	4,416'	3	6"	10/18/2012	Pad:	3,406 gals	Treating Fluid:	8,616 gals				
	0'	0'	3	0'	-	Flush:	4,309 gals	Load to Recover:	16,783 gals				
	0'	0'	3	0'	-	ISIP=	1.044 psi/ft	Max STP:	3,874 psi				
3	4,584'	4,586'	3	6"	10/17/2012	Formation:	C-Sand	DS-1					
	4,659'	4,661'	3	6"	10/17/2012	20/40 White:	64,788 lbs	15% HCl:	252 gals				
	4,669'	4,672'	3	9"	10/17/2012	Pad:	3,826 gals	Treating Fluid:	16,190 gals				
	0'	0'	3	0'	-	Flush:	4,448 gals	Load to Recover:	24,716 gals				
	0'	0'	3	0'	-	ISIP=	0.884 psi/ft	Max STP:	3,142 psi				
2	5,017'	5,019'	3	6"	10/17/2012	Formation:	A-3	A-1	B-1				
	5,021'	5,022'	3	3"	10/17/2012	20/40 White:	53,183 lbs	15% HCl:	252 gals				
	5,139'	5,140'	3	3"	10/17/2012	Pad:	3,284 gals	Treating Fluid:	13,019 gals				
	5,147'	5,149'	3	6"	10/17/2012	Flush:	5,498 gals	Load to Recover:	22,053 gals				
	5,180'	5,181'	3	3"	10/17/2012	ISIP=	- psi/ft	Max STP:	2,966 psi				
1	5,562'	5,564'	3	6"	10/16/2012	Formation:	CP-1	CP-Half					
	5,605'	5,609'	3	12"	10/16/2012	20/40 White:	27,492 lbs	15% HCl:	378 gals				
	0'	0'	3	0'	-	Pad:	2,747 gals	Treating Fluid:	7,060 gals				
	0'	0'	3	0'	-	Flush:	5,431 gals	Load to Recover:	15,616 gals				
	0'	0'	3	0'	-	ISIP=	0.794 psi/ft	Max STP:	3,191 psi				
CEMENT	Surf	On 9/21/12 Baker cemented 8 5/8" casing w/ 160 sks Class "G" + 2% KCl + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield and returned 5 bbls to the pit.											
	Prod	On 9/29/12 Baker pumped 222 sks lead @ 11 ppg w/ 3.53 yield plus 448 sks tail @ 14.4 ppg w/ 1.24 yield. TOC @ 90'											



## NEWFIELD

## Schematic

Well Name: GMBU R-13-9-16

43-013-52238

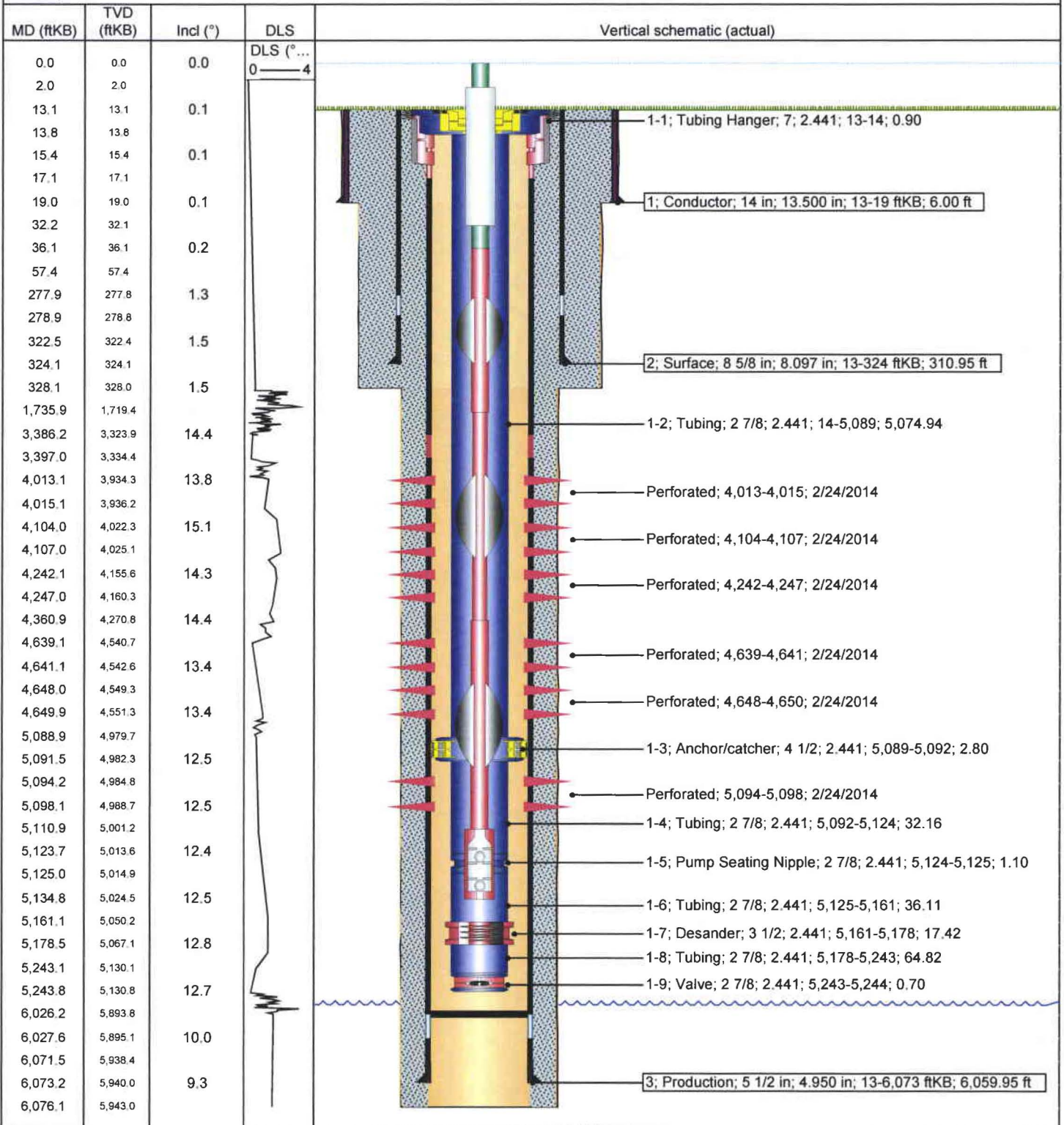
Surface Legal Location		API/UWI	Well RC	Lease	State/Province	Field Name	County
NESW 1873 FSL 2093 FWL Sec 13 T9S R16E Mer SLB		43013522380000	500346534	UTU64805	Utah	GMBU CTB6	Duchesne
Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)	Original Hole - 6,026.1
1/15/2014	2/7/2014	3/4/2014	5,559	5,546	Original Hole - 5,942.8		

## Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Initial Completion	Fracture Treatment	P&P	2/24/2014	2/28/2014

TD: 6,076.0

Slant - Original Hole, 3/27/2014 7:02:08 AM





## Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

ATTACHMENT F

1 of 6

multi-chem®

A HALLIBURTON SERVICE

Units of Measurement: **Standard**

## Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Well Name: **FEDERAL 8-13-9-16**Sample Point: **Well**Sample Date: **11/4/2013**Sample ID: **WA-257641**Sales Rep: **Michael McBride**Lab Tech: **Gary Winegar**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:	11/12/2013	Sodium (Na):	5766.00	Chloride (Cl):	14000.00
System Temperature 1 (°F):	120	Potassium (K):	225.00	Sulfate (SO <sub>4</sub> ):	1.00
System Pressure 1 (psig):	60	Magnesium (Mg):	2.30	Bicarbonate (HCO <sub>3</sub> ):	2000.00
System Temperature 2 (°F):	210	Calcium (Ca):	7.60	Carbonate (CO <sub>3</sub> ):	
System Pressure 2 (psig):	60	Strontium (Sr):	33.00	Acetic Acid (CH <sub>3</sub> COO)	
Calculated Density (g/ml):	1.011	Barium (Ba):	4.80	Propionic Acid (C <sub>2</sub> H <sub>5</sub> COO)	
pH:	7.00	Iron (Fe):	5.00	Butanoic Acid (C <sub>3</sub> H <sub>7</sub> COO)	
Calculated TDS (mg/L):	22053.51	Zinc (Zn):	0.00	Isobutyric Acid ((CH <sub>3</sub> ) <sub>2</sub> CHCOO)	
CO <sub>2</sub> in Gas (%):		Lead (Pb):	0.00	Fluoride (F):	
Dissolved CO <sub>2</sub> (mg/L):	32.00	Ammonia NH <sub>3</sub> :		Bromine (Br):	
H <sub>2</sub> S in Gas (%):		Manganese (Mn):	0.25	Silica (SiO <sub>2</sub> ):	8.56
H <sub>2</sub> S in Water (mg/L):	5.00				

## Notes:

B=8 A=0 L=1.2

(PTB = Pounds per Thousand Barrels)

		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	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.16	1.96	0.00	0.00	2.10	2.71	2.01	3.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	60.00	0.08	1.04	0.00	0.00	2.05	2.70	1.94	3.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	60.00	0.00	0.00	0.00	0.00	2.01	2.69	1.86	3.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	60.00	0.00	0.00	0.00	0.00	1.97	2.69	1.78	3.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	0.00	0.00	0.00	0.00	1.94	2.68	1.71	3.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	1.91	2.67	1.63	3.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	60.00	0.00	0.00	0.00	0.00	1.89	2.67	1.55	3.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	60.00	0.00	0.00	0.00	0.00	1.87	2.67	1.47	3.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	60.00	0.00	0.00	0.00	0.00	1.86	2.67	1.38	3.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	0.00	0.00	0.00	0.00	1.86	2.67	1.30	3.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

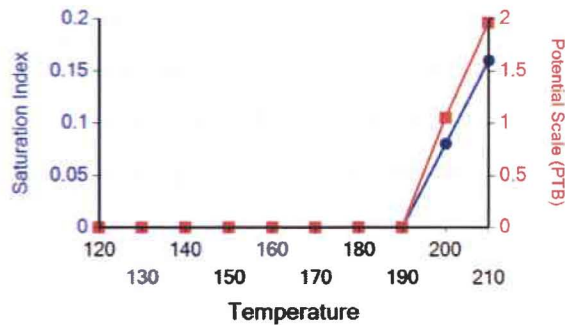
## Water Analysis Report

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
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.46	3.70
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.99	3.62
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.52	3.51
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.05	3.35
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.59	3.14
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.12	2.86
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.66	2.49
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	2.00
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76	1.40
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.66

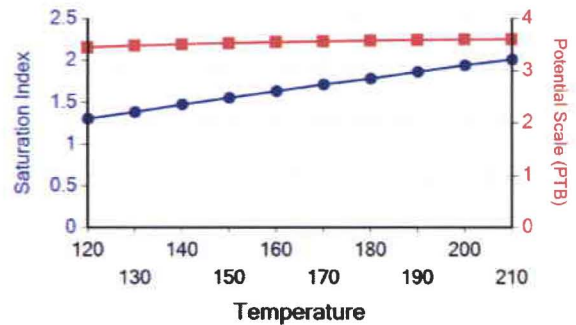
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate Fe Silicate

These scales have positive scaling potential under final temperature and pressure: Iron Sulfide Iron Carbonate Fe Silicate

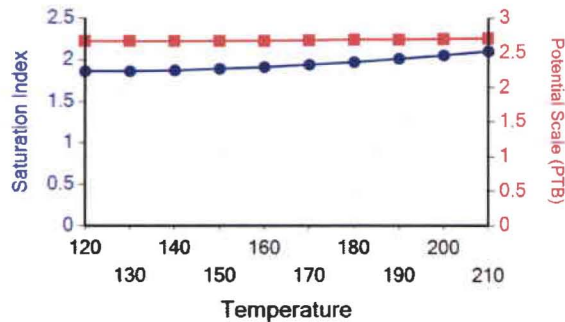
Calcium Carbonate



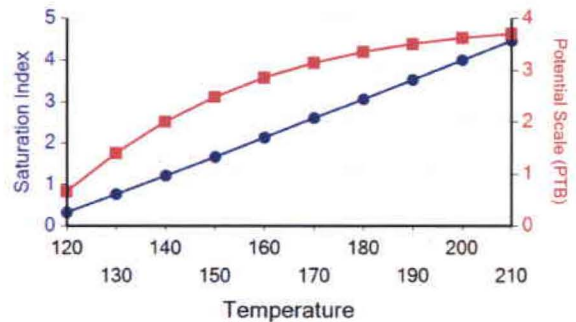
Iron Carbonate



Iron Sulfide



Fe Silicate





Units of Measurement: **Standard**

## Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Sales Rep: **Jacob Bird**Well Name: **BELUGA INJ FACILITY**Lab Tech: **Gary Winegar**Sample Point: **Commingle After**Sample Date: **11/4/2013**Sample ID: **WA-257478**Scaling potential predicted using ScaleSoftPitzer from  
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations	mg/L	Anions	mg/L
Test Date:	11/11/2013	Sodium (Na):	2661.00	Chloride (Cl):	5000.00
System Temperature 1 (°F):	300	Potassium (K):	34.00	Sulfate (SO <sub>4</sub> ):	266.00
System Pressure 1 (psig):	1300	Magnesium (Mg):	24.00	Bicarbonate (HCO <sub>3</sub> ):	1654.00
System Temperature 2 (°F):	70	Calcium (Ca):	46.00	Carbonate (CO <sub>3</sub> ):	
System Pressure 2 (psig):	15	Strontium (Sr):	4.90	Acetic Acid (CH <sub>3</sub> COO)	
Calculated Density (g/ml):	1.004	Barium (Ba):	3.90	Propionic Acid (C <sub>2</sub> H <sub>5</sub> COO)	
pH:	8.30	Iron (Fe):	1.23	Butanoic Acid (C <sub>3</sub> H <sub>7</sub> COO)	
Calculated TDS (mg/L):	9712.71	Zinc (Zn):	0.33	Isobutyric Acid ((CH <sub>3</sub> ) <sub>2</sub> CHCOO)	
CO <sub>2</sub> in Gas (%):		Lead (Pb):	0.08	Fluoride (F):	
Dissolved CO <sub>2</sub> (mg/L):	224.00	Ammonia NH <sub>3</sub> :		Bromine (Br):	
H <sub>2</sub> S in Gas (%):		Manganese (Mn):	0.36	Silica (SiO <sub>2</sub> ):	16.91
H <sub>2</sub> S in Water (mg/L):	9.00				

## Notes:

B=4.9 AI=.07 LI=.58

(PTB = Pounds per Thousand Barrels)

		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	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70.00	14.00	1.36	34.40	1.80	2.29	3.26	0.68	1.61	0.87	0.00	0.00	0.00	0.00	0.00	0.00	10.92	0.17
95.00	157.00	1.40	34.75	1.56	2.26	3.05	0.68	1.75	0.88	0.00	0.00	0.00	0.00	0.00	0.00	10.41	0.17
121.00	300.00	1.48	35.82	1.38	2.23	2.93	0.68	1.90	0.88	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.17
146.00	443.00	1.57	36.86	1.25	2.19	2.87	0.68	2.04	0.89	0.00	0.00	0.00	0.00	0.00	0.00	9.66	0.17
172.00	585.00	1.68	37.77	1.16	2.16	2.86	0.68	2.19	0.89	0.00	0.00	0.00	0.00	0.00	0.00	9.39	0.17
197.00	728.00	1.81	38.51	1.10	2.13	2.88	0.68	2.32	0.89	0.00	0.00	0.00	0.00	0.00	0.00	9.16	0.17
223.00	871.00	1.94	39.07	1.06	2.12	2.94	0.68	2.45	0.89	0.00	0.00	0.00	0.00	0.00	0.00	8.97	0.17
248.00	1014.00	2.09	39.48	1.05	2.12	3.03	0.68	2.56	0.89	0.00	0.00	0.00	0.00	0.00	0.00	8.82	0.17
274.00	1157.00	2.24	39.75	1.06	2.12	3.13	0.68	2.67	0.89	0.00	0.00	0.00	0.00	0.00	0.00	8.69	0.17
300.00	1300.00	2.39	39.94	1.08	2.13	3.25	0.68	2.76	0.89	0.00	0.00	0.00	0.00	0.00	0.00	8.57	0.17

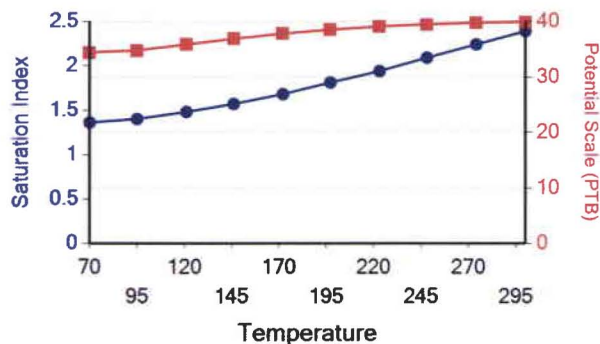
## Water Analysis Report

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
70.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.09	12.71	0.03	0.28	1.78	0.00	0.00	5.30	0.94
95.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.16	11.88	0.03	1.28	6.70	0.20	1.31	5.82	0.95
121.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.20	11.19	0.03	2.42	11.92	0.83	4.31	6.53	0.95
146.00	443.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	0.21	10.60	0.03	3.60	16.34	1.49	6.86	7.30	0.95
172.00	585.00	0.00	0.00	0.00	0.00	0.00	0.00	1.49	0.21	10.11	0.03	4.78	19.10	2.16	8.69	8.11	0.95
197.00	728.00	0.00	0.00	0.00	0.00	0.00	0.00	1.73	0.22	9.69	0.03	5.93	20.16	2.83	9.75	8.94	0.96
223.00	871.00	0.00	0.00	0.00	0.00	0.00	0.00	1.93	0.22	9.33	0.03	7.06	20.43	3.49	10.27	9.76	0.96
248.00	1014.00	0.00	0.00	0.00	0.00	0.00	0.00	2.10	0.22	9.03	0.03	8.12	20.49	4.12	10.50	10.55	0.96
274.00	1157.00	0.00	0.00	0.00	0.00	0.00	0.00	2.24	0.22	8.76	0.03	9.12	20.50	4.71	10.60	11.29	0.96
300.00	1300.00	0.00	0.00	0.00	0.00	0.00	0.00	2.35	0.22	8.53	0.03	10.04	20.50	5.25	10.64	11.98	0.96

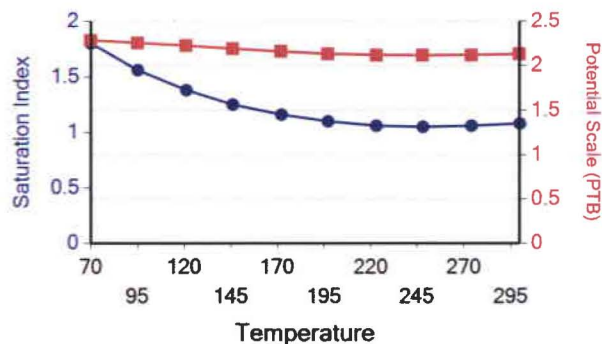
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide Mg Silicate Fe Silicate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide Mg Silicate Ca Mg Silicate Fe Silicate

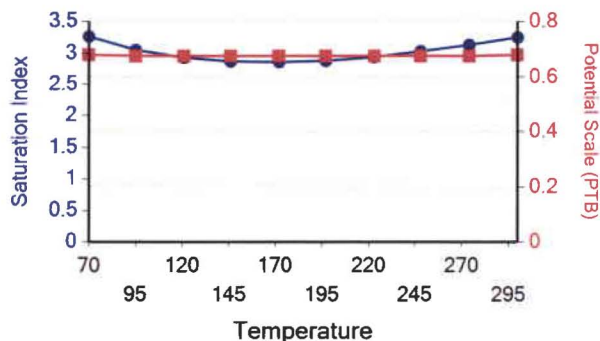
Calcium Carbonate



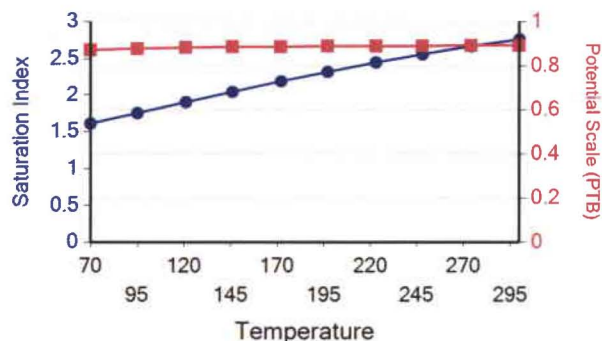
Barium Sulfate



Iron Sulfide



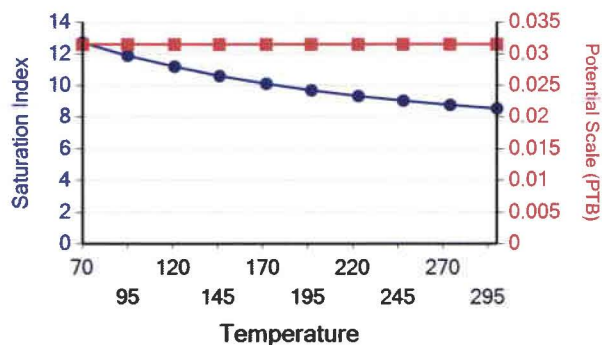
Iron Carbonate



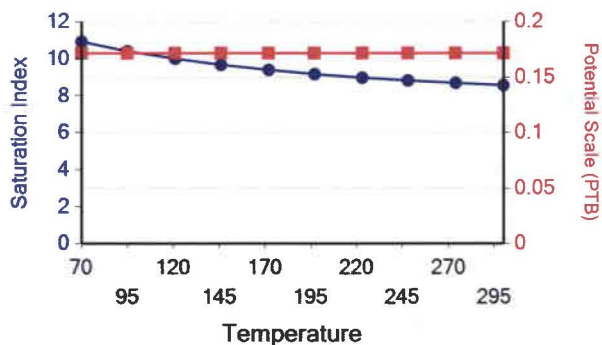


Water Analysis Report

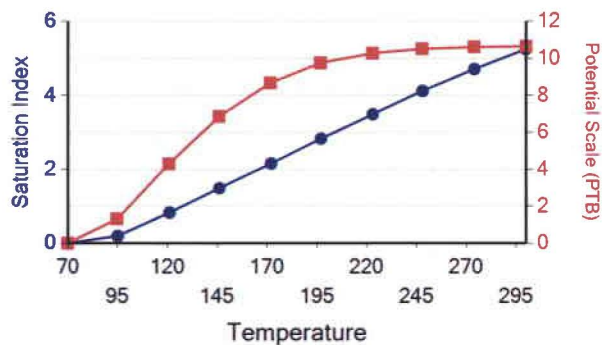
Lead Sulfide



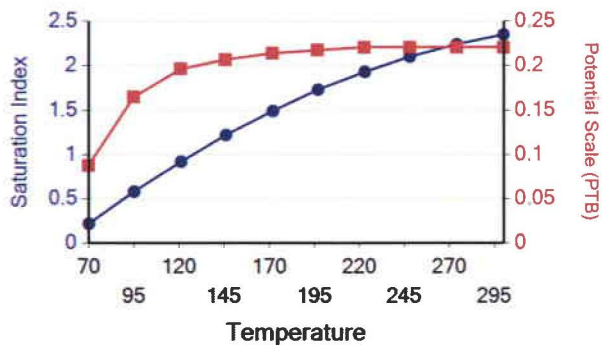
Zinc Sulfide



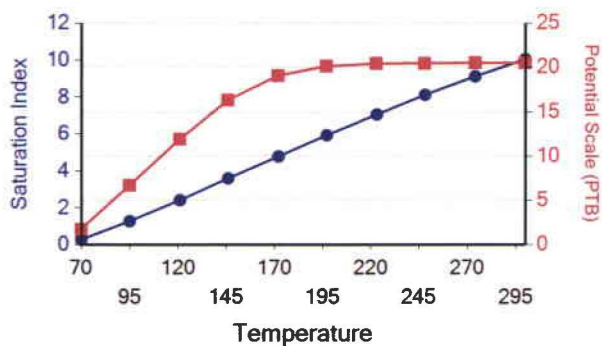
Ca Mg Silicate



Zinc Carbonate

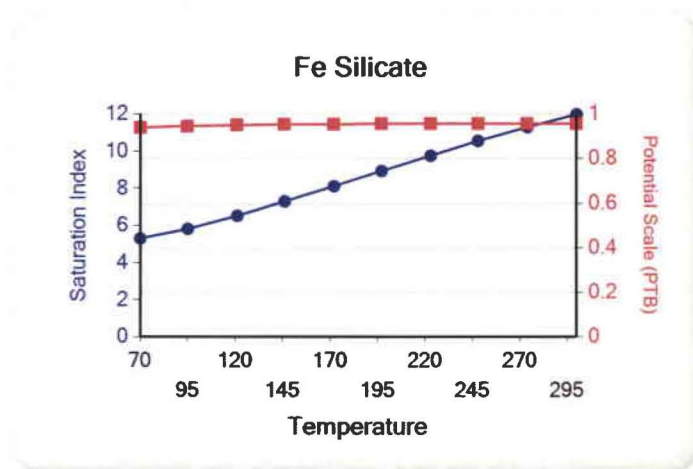


Mg Silicate





Water Analysis Report



# Attachment "G"

## Federal #8-13-9-16 Proposed Maximum Injection Pressure

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
4976	5028	5002	2200	0.88	2168
4668	4692	4680	1800	0.82	1770 ←
4027	4034	4031	1900	0.90	1874
				Minimum	<u>1770</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.



1086

## DAILY COMPLETION REPORT

WELL NAME: Jonah 8-13-9-16Report Date: 10-26-05Day: 01Operation: CompletionRig: Rigless

## WELL STATUS

Surf Csg: 8-5/8' @ 311'Prod Csg: 5-1/2" @ 5801'Csg PBTD: 5652'WLTbg: Size: Wt:Grd: Pkr/EOT @:BP/Sand PBTD: 

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<u>A1</u>	<u>4976- 4986'</u>	<u>4/40</u>	<u></u>	<u></u>	<u></u>
<u>A3</u>	<u>5020- 5028'</u>	<u>4/32</u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>

## CHRONOLOGICAL OPERATIONS

Date Work Performed: 25-Oct-05SITP:  SICP: 0

Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5652' & cement top @ 250'. Perforate stage #1, A3 sds @ 5020- 5028', A1 sds @ 4976- 4986' w/ 4" Port guns (19 gram, .46"HE. 120°) w/ 4 spf for total of 72 shots. 137 bbls EWTR. SIFN.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 137Starting oil rec to date: Fluid lost/recovered today: 0Oil lost/recovered today: Ending fluid to be recovered: 137Cum 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	<u></u>
NPC NU crew	<u></u>
Liddell trucking	<u></u>
Perforators LLC	<u></u>
Drilling cost	<u></u>
Zubiate Hot Oil	<u></u>
Location preparation	<u></u>
NPC wellhead	<u></u>
Benco - anchors	<u></u>
Admin. Overhead	<u></u>
NPC Supervisor	<u></u>
Zubiate trucking	<u></u>

Max TP:  Max Rate:  Total fluid pmpd: Avg TP:  Avg Rate:  Total Prop pmpd: ISIP:  5 min:  10 min:  FG: Completion Supervisor: Orson BarneyDAILY COST:  \$0TOTAL WELL COST:



## DAILY COMPLETION REPORT

WELL NAME: Jonah 8-13-9-16 Report Date: 11-1-05 Day: 02  
 Operation: Completion Rig: Rigless

## WELL STATUS

Surf Csg: 8-5/8' @ 311' Prod Csg: 5-1/2" @ 5801' Csg PBTD: 5652'WL  
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 4800'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
C sds	4668-4692'	4/96			
A1	4976- 4986'	4/40			
A3	5020- 5028'	4/32			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: 31-Oct-05 SITP: SICP: 14

RU BJ Services "Ram Head" frac flange. RU BJ & frac stage #1, A sds down casing w/ 97,607#'s of 20/40 sand in 904 bbls of Lightning 17 frac fluid. Open well w/ 14 psi on casing. Perfs broke down @ 2272 psi, back to 1154 psi Treated @ ave pressure of 1826 w/ ave rate of 24.7 w/ 6.5 ppg of sand. Spot 5 bbls of 15% HCL acid in flush for nex stage. ISIP was 2200. 1041 bbls EWTR. Leave pressure on well. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" composite flow trough frac plug & 10' perf gun. Set plug @ 4800'. Perforate C sds @ 4668-4692 w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 spf for total of 96 shots. SIFN.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 137 Starting oil rec to date:   
 Fluid lost/recovered today: 904 Oil lost/recovered today:   
 Ending fluid to be recovered: 1041 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: A3 & A1 sds down casing

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

9786 gals of pad

6473 gals w/ 1-4 ppg of 20/40 sand

12870 gals w/ 4-6.5 ppg of 20/40 sand

3673 gals w/ 6.5 ppg of 20/40 sand

210 gals of 15% HCL acid

Flush w/ 4956 gals of slick water

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

Max TP: 2104 Max Rate: 25 Total fluid pmpd: 904 bbls

Avg TP: 1826 Avg Rate: 24.7 Total Prop pmpd: 97,607#'s

ISIP: 2200 5 min:  10 min:  FG: .87

Completion Supervisor: Ron Shuck

DAILY COST: \$0

TOTAL WELL COST:



## DAILY COMPLETION REPORT

WELL NAME: Jonah 8-13-9-16Report Date: 11-2-05Day: 3aOperation: CompletionRig: Rigless

## WELL STATUS

Surf Csg: 8-5/8' @ 311'Prod Csg: 5-1/2" @ 5801'Csg PBTD: 5652'WLTbg: Size: Wt:Grd: Pkr/EOT @:BP/Sand PBTD: 4800'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
C sds	4668-4692'	4/96			
A1	4976- 4986'	4/40			
A3	5020- 5028'	4/32			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: 01-Nov-05SITP: SICP: 1074

Day3a.

RU BJ & frac stage #2, C sds down casing w/ 28,966#'s of 20/40 sand in 492 bbls of Lightning 17 frac fluid. Oper well w/ 1074 psi on casing. Perfs broke down @ 3771 psi, back to 1070 psi. Treated @ ave pressure of 1530 w/ ave rate of 24.7 w/ 6.5 ppg of sand. Spot 5 bbls of 15% HCL acid in flush for next stage. ISIP was 1800. 1533 bbls EWTR. Leave pressure on well. See day3b..

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1041Starting oil rec to date: Fluid lost/recovered today: 492Oil lost/recovered today: Ending fluid to be recovered: 1533Cum oil recovered: IFL: FFL: FTP:Choke: Final Fluid Rate: Final oil cut:

## STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand fracCompany: BJ ServicesProcedure or Equipment detail: C sds down casing4788 gals of pad3351 gals w/ 1-4 ppg of 20/40 sand6690 gals w/ 4-6.5 ppg of 20/40 sand963 gals w/ 6.5 ppg of 20/40 sand210 gals of 15% HCL acidFlush w/ 4662 gals of slick water\*\*Flush called @ blender to include 2 bbls pump/line volume\*\*Max TP: 1805 Max Rate: 25 Total fluid pmpd: 492 bblsAvg TP: 1530 Avg Rate: 24.7 Total Prop pmpd: 48,966#'sISIP: 1800 5 min: 10 min: FG: .82Completion Supervisor: Ron Shuck

## COSTS

Weatherford BOPWeatherford ServicesBetts frac waterNPC fuel gasBJ Services C sdsNPC SupervisorLone Wolf C sdsDAILY COST: \$0TOTAL WELL COST:



## DAILY COMPLETION REPORT

WELL NAME: Jonah 8-13-9-16 Report Date: 11-2-05 Day: 3b  
 Operation: Completion Rig: NC#3

## WELL STATUS

Surf Csg: 8-5/8' @ 311' Prod Csg: 5-1/2" @ 5801' Csg PBTD: 5652'WL  
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 4150'  
 Plug 4800'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4027-4034'	4/28			
C sds	4668-4692'	4/96			
A1	4976- 4986'	4/40			
A3	5020- 5028'	4/32			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: 01-Nov-05 SITP: SICP: 1586

Day3b.

RU WLT. RIH w/ frac plug & 7' perfgun. Set plug @ 4150'. Perforate GB6 sds @ 4027-4034' w/ 4 spf for total of 28 shots. RU BJ & frac stage #3, GB6 sds down casing w/ 32,224#'s of 20/40 sand in 347 bbls of Lightning 17 frac fluid. Open well w/ 1586 psi on casing. Perfs broke down @ 3801 psi, back to 1800 psi. Treated @ ave pressure of 1698 w. ave rate of 24.7 w/ 6.5 ppg of sand. ISIP was 1900. 1880 bbls EWTR. RD BJ & WLT. Flow well back. Well flowec for 6 hours & died w/ 390 bbls rec'd. MIRUSU. ND Cammeron BOP & 5M frac head. Instal 3M production tbg head 8 BOP. SIFN.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1880 Starting oil rec to date:   
 Fluid lost/recovered today: 390 Oil lost/recovered today:   
 Ending fluid to be recovered: 1490 Cum oil recovered:   
 IFL:  FFL:  FTP:  Choke:  Final Fluid Rate:  Final oil cut:

## STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac  
 Company: BJ Services  
 Procedure or Equipment detail: GB6 sds down casing

2982 gals of pad

2319 gals w/ 1-4 ppg of 20/40 sand

5325 gals w/ 4-6.5 ppg of 20/40 sand

Flush w/ 3948 gals of slick water

## COSTS

Weatherford BOP  
Weatherford Services  
Betts frac water  
NPC fuel gas  
BJ Services GB6 sds  
NPC Supervisor  
Lone Wolf GB6 sds  
Betts water transfer  
NC#3 rig  
Weatherford BOP's

Max TP: 1848 Max Rate: 25 Total fluid pmpd: 347 bbls

Avg TP: 1698 Avg Rate: 24.7 Total Prop pmpd: 32,224#'s

ISIP: 1900 5 min:  10 min:  FG: .91

Completion Supervisor: Ron Shuck

DAILY COST: \$0

TOTAL WELL COST:



## DAILY COMPLETION REPORT

WELL NAME: Jonah 8-13-9-16Report Date: Nov. 3, 2005Day: 04Operation: CompletionRig: NC#3

## WELL STATUS

Surf Csg: 8-5/8' @ 311' Prod Csg: 5-1/2" @ 5801' Csg PBTD: 5756'  
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 5591' BP/Sand PBTD: 5676'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4027-4034'	4/28			
C sds	4668-4692'	4/96			
A1	4976- 4986'	4/40			
A3	5020- 5028'	4/32			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Nov. 2, 2005SITP:            SICP: 25

Bleed pressure off well. Rec est 10 BTF. Talley, drift, PU & TIH W/ used Weatherford 4 3/4" "chomp" bit, bit sub 8 new 2 7/8 8rd 6.5# J-55 tbg. Tag plug @ 4150'. Tbg displaced 10 BW on TIH. RU power swivel. C/O sd & drill out composite bridge plugs as follows (using conventional circulation): no sd, plug @ 4150' in 28 minutes; no sd, plug @ 4800' in 27 minutes. Hang back swivel & con't PU tbg. Tag fill @ 5559'. PU swivel. Drill plug remains & sd to 5676' (lack 80' f/ PBTD). Circ hole clean. Lost est 20 BW during cleanout. RD swivel. Pull EOT to 5591'. RU swat equipment. IFL @ sfc. Made 13 swb runs rec 140 BTF W/ tr oil, light gas & no sand. FFL @ 1400'. SIFN W/ est 1356 BWTR.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1490 Starting oil rec to date:             
 Fluid lost/recovered today: 140 Oil lost/recovered today:             
 Ending fluid to be recovered: 1350 Cum oil recovered:             
 IFL: sfc FFL: 1400' FTP:            Choke:            Final Fluid Rate:            Final oil cut: tr

## STIMULATION DETAIL

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

## COSTS

NC #3 rig  
Weatherford BOP  
Zubiate trucking  
NDSI wtr & truck  
Unichem chemicals  
Aztec - new J55 tbg  
Four Star swivel  
NPC trucking  
NPC sfc equipment  
NPC labor & welding  
Monks pit reclaim  
Mt. West sanitation  
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 DietzDAILY COST:            \$0TOTAL WELL COST:

## DAILY COMPLETION REPORT

WELL NAME: Jonah 8-13-9-16Report Date: Nov. 4, 2005Day: 05Operation: CompletionRig: NC#3

## WELL STATUS

Surf Csg: 8-5/8' @ 311' Prod Csg: 5-1/2" @ 5801' Csg PBTD: 5756'  
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 5099' BP/Sand PBTD: 5676'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4027-4034'	4/28			
C sds	4668-4692'	4/96			
A1	4976- 4986'	4/40			
A3	5020- 5028'	4/32			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Nov. 3, 2005

SITP: \_\_\_\_\_ SICP: \_\_\_\_\_

TIH w/ 3 jts of 2 7/8 tbg. Tagged fill @ 5674'. Circulate clean to 5676'. LD 26 jts of 2 7/8 tbg. TOH w/ 157 jts of tbg. LD bit & bit sub. TIH w/ production tbg as follows. NC, 2 jts, SN, 1 jt, TA, 154 jts of 2 7/8 J55 tbg. ND BOP. Set TA w/ 15,000# of tension. NU WH. Stroke test new pump. PU & RIH w/ rods as follows: 2 1/2" X 1 1/2" X 16' RHAC, 6- 1 1/4" wt bars, 10-3/4" guided rods, 85- 3/4" plain rods, 99- 3/4" guided rods, 1- 4' X 3/4" pony rod, 1 1/2" X 22' polish rod. Hang head, Space out rods. Fill tbg w/ 1 BW. Pressure test w/ unit to 800 psi. RDMOSU.

POP 8:00 AM, 11-4-05 w/ 5 SPM @ 86" SL 1351 BWTR. FINAL REPORT !!

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1350

Starting oil rec to date: \_\_\_\_\_

Fluid lost/recovered today: 1

Oil lost/recovered today: \_\_\_\_\_

Ending fluid to be recovered: 1351

Cum oil recovered: \_\_\_\_\_

IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

## TUBING DETAIL

## ROD DETAIL

## COSTS

TUBING DETAIL	ROD DETAIL	COSTS
KB 12.00'	1 1/2" X 22' polished rod	NC #3 rig
154 2 7/8 J-55 tbg (4987.83')	1-4' X 3/4" pony rod	Weatherford BOP
TA (2.80' @ 4997.83' KB)	99-3/4" scraped rods	NPC trucking
1 2 7/8 J-55 tbg (32.51')	85-3/4" plain rods	CDI rod pump
SN (1.10' @ 5033.14' KB)	10-3/4" scraped rods	"A" grade rod string
2 2 7/8 J-55 tbg (64.45')	6-1 1/4" weight rods	Zubiate HO trk
2 7/8 NC (.45')	CDI 2 1/2" X 1 1/2" X 16'	NPC frac tks(6X5 dys)
EOT 5099.14' W/ 12' KB	RHAC pump W/ SM plunger	NPC swb tk (3 days)
		NPC frac head
		CDI TA
		CDI SN
		NPC location cleanup
		NPC supervision
		DAILY COST: \$0

Completion Supervisor: Orson Barney

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



## **ATTACHMENT H**

### **WORK PROCEDURE FOR PLUGGING AND ABANDONMENT**

1. Set CIBP @ 3977'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 168' balance plug using 19 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 45 sx Class "G" cement down 5 ½" casing to 362'

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

## Federal 8-13-9-16

Spud Date:09/02/05  
Put on Production: 11/04/05  
GL: 5479' KB: 5491'

Initial Production: BOPD,  
MCFD, BWPD

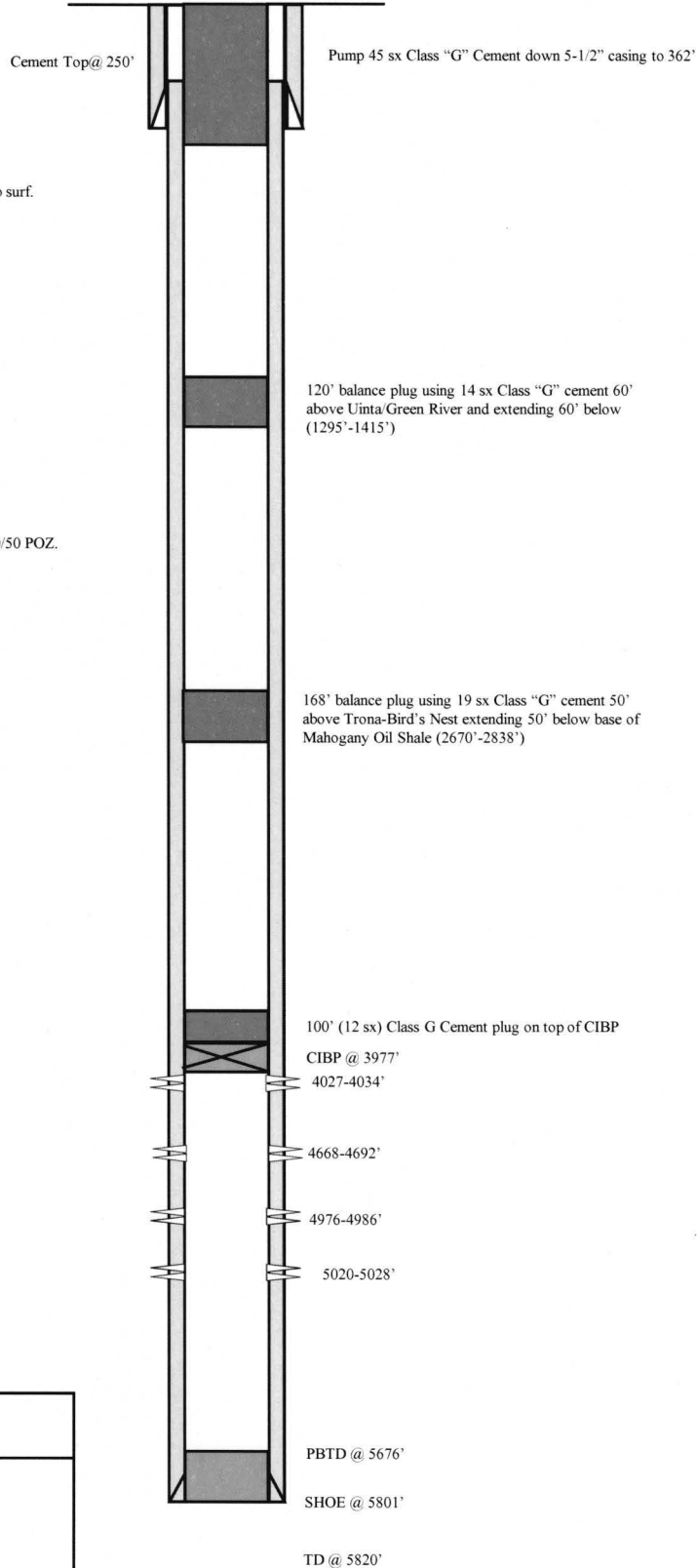
### Proposed P & A Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (302.07')  
DEPTH LANDED: 311.97' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 4.6 bbls cmt to surf.

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 132 jts. (5787.89')  
DEPTH LANDED: 5801.4' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.  
CEMENT TOP: 250'



**NEWFIELD**

**Federal 8-13-9-16**

2187' FNL & 680' FEL

SE/NE Section 13-T9S-R16E

Duchesne Co, Utah

API #43-013-32655; Lease #UTU-64805

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-64805
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  
<b>2. NAME OF OPERATOR:</b> Newfield Production Company		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> 4 Waterway Square Place, Suite 100 , The Woodlands, TX, 77380		<b>8. WELL NAME and NUMBER:</b> Federal 8-13-9-16
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2187 FNL 680 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 13 Township: 9S Range: 16E Meridian: S		<b>9. API NUMBER:</b> 43013326550000
<b>PHONE NUMBER:</b> 435-646-4802		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/15/2019	<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"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input 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	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input type="text" value="MIT"/>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> On 08/12/2019 Mark Reinbold with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 08/15/2019 the casing was pressured up to 1037 psig and charted for 15 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1735 psig during the test. There was a State representative available to witness the test – Mark Reinbold.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          September 19, 2019</b>		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Field Production Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/19/2019	

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

Newfield Production Company  
10530 South County Rd #33  
Myton, UT 84052  
435.646.3721

UDOGM Witness: MARK Reinbold Date: 8-15-2019 Time: 12:01 am ☒ pm  
Test Conducted By: EVERETT UNRUH  
Others Present: \_\_\_\_\_

Well Name: <u>FEDERAL 8-13-9-16</u>			
Field: <u>Monument Butte</u>	County: <u>Duchesne</u>	State: <u>UT</u>	
Location: <u>SENE</u> Sec: <u>13</u>	T <u>9</u> N <input checked="" type="radio"/> S <u>16</u>	R <u>16</u> <input checked="" type="radio"/> W	
Operator: <u>Newfield</u>	API # <u>43-013-32655</u>		
Last MIT: <u>9/11/2014</u>	Maximum Allowable Pressure: <u>1770</u>		psig

Is this a regular scheduled test? ☒ Yes ☐ No  
Initial Test for Permit? ☐ Yes ☒ No  
Test after well rework? ☐ Yes ☒ No  
Well injection during test? ☐ Yes ☒ No If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing / tubing annulus pressure: 0 / 1737 psig

MIT DATA TABLE		Test #1	Test #2
TUBING		PRESSURE	
Initial Pressure		<u>1737</u> psig	psig
End of test pressure		<u>1735</u> psig	psig
CASING / TUBING		ANNULUS	PRESSURE
0 minutes		<u>1040.8</u> psig	psig
5 minutes		<u>1038.6</u> psig	psig
10 minutes		<u>1037.2</u> psig	psig
15 minutes		<u>1036.4</u> psig	psig
20 minutes		psig	psig
25 minutes		psig	psig
30 minutes		psig	psig
_____ minutes		psig	psig
_____ minutes		psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

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

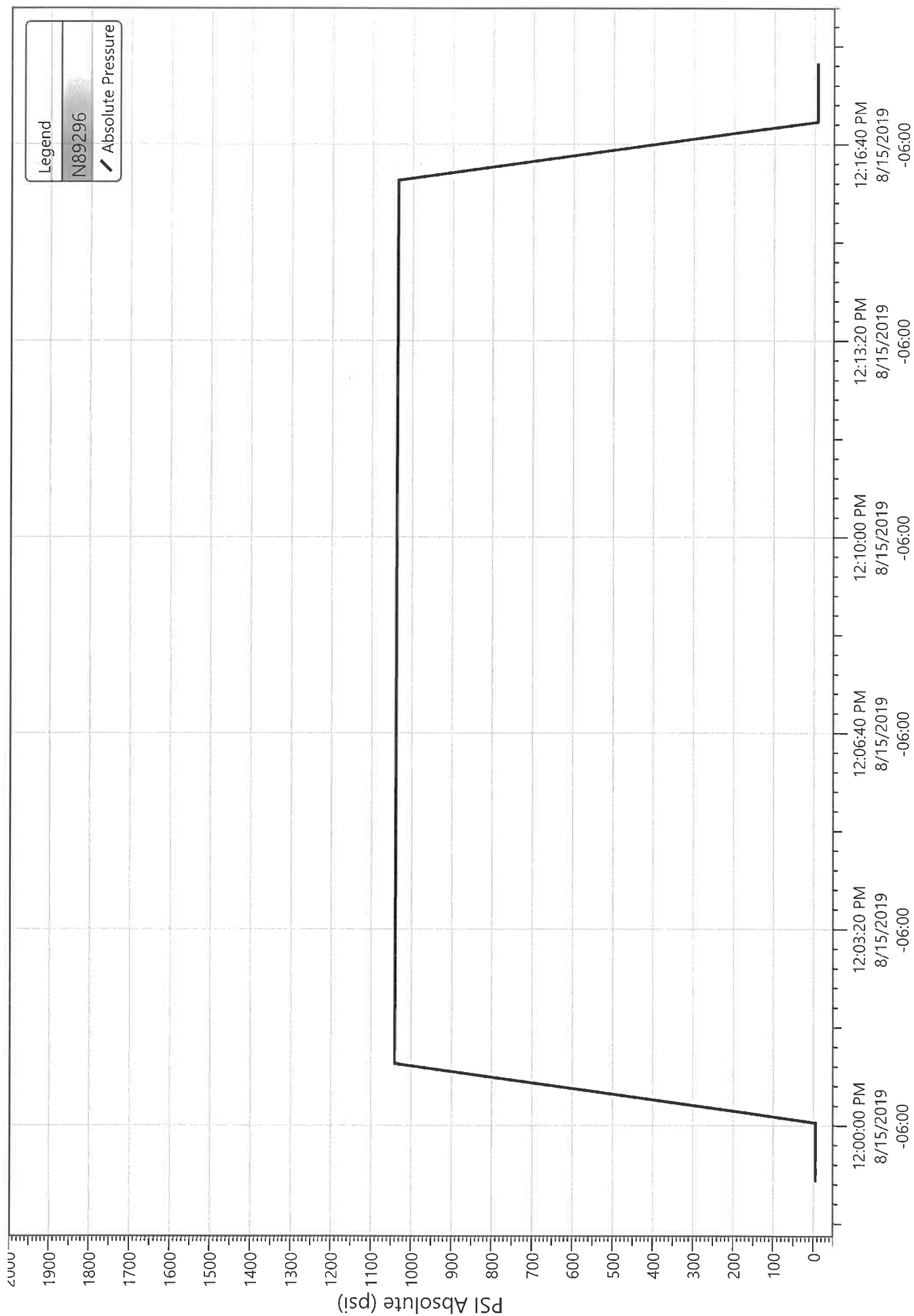
Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.: \_\_\_\_\_

Signature of Witness: Mark Reinbold

Signature of Person Conducting Test: Everett Unruh

Federal 8-13-9-16 (8/15/2019, 5 yr. MIT)

8/15/2019 11:58:09 AM



Division of Oil, Gas and Mining  
Operator Change/Name Change Worksheet-for State use only

Effective Date: 1/24/2020

<b>FORMER OPERATOR:</b>	<b>NEW OPERATOR:</b>
Newfield Production Company	Ovintiv Production, Inc.
<b>Groups:</b>	
Greater Monument Butte	

**WELL INFORMATION:**

Well Name	API Number	Town	Dir	Range	Dir	Sec	Entity Number	Type	Status
See Attached List									

Total Well Count: 4704

**OPERATOR CHANGES DOCUMENTATION:**

1. Sundry or legal documentation was received from the **FORMER** operator on:
2. Sundry or legal documentation was received from the **NEW** operator on:
3. New operator Division of Corporations Business Number:

3/16/2020

3/16/2020

755627-0143

**REVIEW:**

Receipt of Acceptance of Drilling Procedures for APD on:

Reports current for Production/Disposition & Sundries:

OPS/SI/TA well(s) reviewed for full cost bonding: Approved by Dustin

UIC5 on all disposal/injection/storage well(s) Approved on: Approved by Dayne

Surface Facility(s) included in operator change:

9/2/2020

1/14/2021

12/21/2020

3/25/2020

State 11-32 Pipeline  
Monument Butte St 10-36  
GB Fed 13-20-8-17  
Canvasback Fed 1-22-8-17  
Ashley Fed 8-14-9-15 Pipeline  
West Lateral 4C Slug Catcher (2-5-3-3)  
West Lateral Phase 5 Slug Catcher  
Bar F Slug Catcher  
Dart Slug Catcher  
Mullins Slug Catcher  
Temporary Produced Water Conditioning Site  
Dart Temporary Produced Water Facility  
Earl Temporary Water Treatment Facility

**NEW OPERATOR BOND VERIFICATION:**

State/fee well(s) covered by Bond Number(s):

B001834.A

107238142-Shut-In Bond

**DATA ENTRY:**

Well(s) update in the RBDMS on:

1/14/2021

Group(s) update in RDBMS on:

1/14/2021

Surface Facilities update in RBDMS on:

1/14/2021

Entities Updated in RBDMS on:

**COMMENTS:**

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**see attached list**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
**see attached**

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:  
**see attached**

9. API NUMBER:  
**attached**

10. FIELD AND POOL, OR WILDCAT:  
**attached**

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER \_\_\_\_\_

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

3. ADDRESS OF OPERATOR:  
4 Waterway Square Place St. CITY The Woodlands STATE TX ZIP 77380

PHONE NUMBER:  
**(435) 646-4936**

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: \_\_\_\_\_ COUNTY: \_\_\_\_\_

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: \_\_\_\_\_ STATE: \_\_\_\_\_

**UTAH**

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" 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 FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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/RESUME)	<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 type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

This sundry is serve as notification of the formal corporate name change of Newfield Production Company to Oviniv Production Inc. Attached is a list of all wells wells that will be operated under Oviniv Production Inc effective January 24, 2020.

PREVIOUS NAME:  
Newfield Producon Company  
4 Waterway Square Place Suite 100  
The Woodlands, TX 77380  
(435)646-4825

NEW NAME:  
Oviniv Production Inc.  
4 Waterway Square Place Suite 100  
The Woodlands, TX 77380  
(435)646-4825

NAME (PLEASE PRINT) Shon McKinnon TITLE Regulatory Manager, Rockies  
SIGNATURE  DATE 3/16/2020

(This space for State use only)



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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached list
2. NAME OF OPERATOR: Newfield Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR: 4 Waterway Square Place St. CITY The Woodlands STATE TX ZIP 77380		7. UNIT or CA AGREEMENT NAME: see attached
4. LOCATION OF WELL: FOOTAGES AT SURFACE: _____ COUNTY: _____ QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: UTAH		8. WELL NAME and NUMBER: see attached
PHONE NUMBER: (435) 646-4936		9. API NUMBER: attached
		10. FIELD AND POOL, OR WILDCAT: attached

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

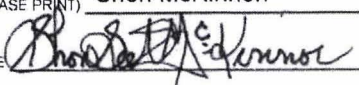
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" 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 FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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/RESUME)	<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 type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

This sundry is serve as notification of the formal corporate name change of Newfield Production Company to Ovintiv Production Inc. Attached is a list of all wells wells that will be operated under Ovintiv Production Inc effective January 24, 2020.

PREVIOUS NAME:  
Newfield Production Company  
4 Waterway Square Place Suite 100  
The Woodlands, TX 77380  
(435)646-4825

NEW NAME:  
Ovintiv Production Inc.  
4 Waterway Square Place Suite 100  
The Woodlands, TX 77380  
(435)646-4825

NAME (PLEASE PRINT) Shon McKinnon	TITLE Regulatory Manager, Rockies
SIGNATURE 	DATE 3/16/2020

(This space for State use only)



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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See attached list	API Number Attached
Location of Well	Field or Unit Name See Attached
Footage : County :	Lease Designation and Number See Attached
QQ, Section, Township, Range: State : UTAH	

EFFECTIVE DATE OF TRANSFER: 1/24/2020

CURRENT OPERATOR

Company: Newfield Production Company  
Address: 4 Waterway Square Place, Suite 100  
city The Woodlands state TX zip 77380  
Phone: (435) 646-4825  
Comments:

Name: Shon McKinnon  
Signature:   
Title: Regulatory Manager, Rockies  
Date: 3/18/2020

NEW OPERATOR

Company: Ovintiv Production, Inc  
Address: 4 Waterway Square Place, Suite 100  
city The Woodlands state TX zip 77380  
Phone: (435) 646-4825  
Comments:

Name: Shon McKinnon  
Signature:   
Title: Regulatory Manager, Rockies  
Date: 3/18/2020

(This space for State use only)

Approved by the  
Utah Division of  
Oil, Gas and Mining

Mar 25, 2020

☐ EPA approval required

Max Inj. Press.  
Max Inj. Rate  
Perm. Inj. Interval  
Packer Depth  
Next MIT Due

Division of Oil, Gas and Mining  
Operator Change/Name Change Worksheet-for State use only

Effective Date: 7/1/2021

<b>FORMER OPERATOR:</b>	<b>NEW OPERATOR:</b>
Ovintiv Production, Inc.	Ovintiv USA, Inc.
Groups: Greater Monument Butte	

**WELL INFORMATION:**

Well Name	API Number	Town	Dir	Range	Dir	Sec	Entity Number	Type	Status
See Attached List									

Total Well Count: 4689  
Pre-Notice Completed: 9/22/2021

**OPERATOR CHANGES DOCUMENTATION:**

1. Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2021
2. Sundry or legal documentation was received from the **NEW** operator on: 9/15/2021
3. New operator Division of Corporations Business Number: 5053175-0143

**REVIEW:**

Receipt of Acceptance of Drilling Procedures for APD on: 9/15/2021  
Reports current for Production/Disposition & Sundries: 9/22/2021  
OPS/SIT/TA well(s) reviewed for full cost bonding: Approved by Dustin 10/25/2021  
UIC5 on all disposal/injection/storage well(s) Approved on: Approved by Dayne 10/4/2021

Surface Facility(s) included in operator change:

- Monument Butte Liq. Cond.
- Pleasant Valley (New)
- West Lateral 4C Slug Catcher (2-5-3-3)
- West Lateral Phase 5 Slug Catcher
- Bar F Slug Catcher
- Dart Slug Catcher
- Mullins Slug Catcher
- Ashley
- Sundance
- Ranch
- Pleasant Valley
- Monument Butte
- Ashley Fed 8-14-9-15 Pipeline
- Ute Tribal 4-13-4-2W Pipeline
- State 11-32 Pipeline
- Monument Butte St 10-36
- GB Fed 13-20-8-17
- Canvasback Fed 1-22-8-17

**NEW OPERATOR BOND VERIFICATION:**

State/fee well(s) covered by Bond Number(s): B001834-B  
107238142A

**DATA ENTRY:**

Well(s) update in the RBDMS on: 11/24/2021  
Group(s) update in RDBMS on: 11/21/2021  
Surface Facilities update in RBDMS on: 11/24/2021  
Entities Updated in RBDMS on: 11/24/2021

**COMMENTS:**

9/22/2021, Since the Newfield to Ovintiv operator change was processed at the beginning of 2021, Name change will only need to match the existing bonds in place under Ovintiv Production, Inc; no additional bond will be required at this time.



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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

See attached list

SUNDRY NOTICES AND REPORTS ON WELLS

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
Ovintiv Production, Inc.

3. ADDRESS OF OPERATOR:  
4 Waterway SQ PL STE 100 CITY The Woodlands STATE TX ZIP 77380

PHONE NUMBER:  
(281) 210-5100

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 7/1/2021	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" 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 FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<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/RESUME)	<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 type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

This sundry is to serve as notification that Ovintiv Production Inc. merged into Ovintiv USA Inc. Attached is a list of all wells that will be operated under Ovintiv USA Inc. effect July 1, 2021.

PREVIOUS NAME:  
Ovintiv Production Inc.  
4 Waterway Square Place Suite 100  
The Woodlands, TX 77380  
(281) 210-5100

NEW NAME:  
Ovintiv USA Inc.  
4 Waterway Square Place Suite 100  
The Woodlands, TX 77380  
(281) 210-5100

NAME (PLEASE PRINT) Julia Carter

TITLE Manager, US Regulatory Operations

SIGNATURE *Julia M. Carter*

DATE 9/8/2021

(This space for State use only)

**APPROVED**

By Utah Division of  
Oil, Gas, and Mining

*Rachel Medina*



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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See attached list	API Number Attached
Location of Well	Field or Unit Name See Attached
Footage : County :	Lease Designation and Number See Attached
QQ, Section, Township, Range:	State : UTAH

EFFECTIVE DATE OF TRANSFER: 7/1/2021

CURRENT OPERATOR

Company: Ovintiv Production, Inc.	Name: Julia Carter
Address: 4 Waterway Square Place, Suite 100	Signature: <i>Julia M. Carter</i>
city The Woodlands state TX zip 77380	Title: Manager, US Regulatory Operations
Phone: (281) 210-5100	Date: 9/8/2021
Comments:	

NEW OPERATOR

Company: Ovintiv USA Inc.	Name: Julia Carter
Address: 4 Waterway Square Place Suite 100	Signature: <i>Julia M. Carter</i>
city The Woodlands state TX zip 77380	Title: Manager, US Regulatory Operations
Phone: (281) 210-5100	Date: 9/8/2021
Comments:	

(This space for State use only) Approved by the  
Utah Division of  
Oil, Gas and Mining

*[Signature]*  
Oct 04, 2021

☐ EPA approval required

Max Inj. Press.  
Max Inj. Rate  
Perm. Inj. Interval  
Packer Depth  
Next MIT Due

Effective Date: 9/1/2022

<b>FORMER OPERATOR:</b>	<b>NEW OPERATOR:</b>
Ovintiv USA, Inc.	Scout Energy Management, LLC
Groups:	

WELL INFORMATION:

Well Name	API Number	Town	Dir	Range	Dir	Sec	Entity Number	Type	Status
See Attached List									

Total Well Count: 2888

Pre-Notice Completed: 10/19/2022

OPERATOR CHANGES DOCUMENTATION:

- Sundry or legal documentation was received from the **FORMER** operator on: 9/26/2022
- Sundry or legal documentation was received from the **NEW** operator on: 9/26/2022
- New operator Division of Corporations Business Number: 12607016-0161

REVIEW:

- Receipt of Acceptance of Drilling Procedures for APD on: 11/15/2022
- Reports current for Production/Disposition & Sundries: 10/19/2022
- OPS/SI/TA well(s) reviewed for full cost bonding: Approved by Dustin 10/11/2022
- UIC5 on all disposal/injection/storage well(s) Approved on: Approved by Orlan 12/15/2022
- Surface Facility(s) included in operator change: 10/19/2022

NEW OPERATOR BOND VERIFICATION:

- State/fee well(s) covered by Bond Number(s): 612402641-Blanket Bond
- 612402460-Full-Cost Shut-In Bond

DATA ENTRY:

- Well(s) update in the RBDMS on: 12/20/2022 and 1/25/2023
- Group(s) update in RDBMS on: 12/20/2022
- Surface Facilities update in RBDMS on: NA
- Entities Updated in RBDMS on: 1/25/2023

COMMENTS:



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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: See attached Exhibit A
2. NAME OF OPERATOR: Scout Energy Management, LLC	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: None - N/A
3. ADDRESS OF OPERATOR: 13800 Montfort Road, Suite 1 CITY Dallas STATE TX ZIP 75240	7. UNIT or CA AGREEMENT NAME: Greater Monument Butte Unit
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached Exhibit A	8. WELL NAME and NUMBER: See attached Exhibit A
PHONE NUMBER: (972) 325-1096	9. API NUMBER: Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	10. FIELD AND POOL, OR WILDCAT: See attached Exhibit A
STATE: UTAH	

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 9/1/2022	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" 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 FLARE
	<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/RESUME)	<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 type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Please consider this sundry as notification of the transfer of operatorship of the wells listed on the attached exhibit from Oviniv USA Inc. to Scout Energy Management, LLC effective September 1, 2022.

PREVIOUS OPERATOR:

Oviniv USA Inc.  
4 Waterway Square Place, Suite 100  
The Woodlands, Texas 77380

Signature - Christian C. Sizemore  
Director, Rockies and Land Innovation  
State/Fee Bond #105189977  
BLM Bond #105073466

NEW OPERATOR:

Scout Energy Management, LLC  
13800 Montfort Road, Suite 100  
Dallas, TX 75240

Signature - Todd Flott  
Managing Director  
State/Fee Bond #612402460 / #61242461  
BLM Bond #612402462

NAME (PLEASE PRINT) Todd Flott

TITLE Managing Director

SIGNATURE

DATE

8/31/2022

(This space for State use only)

**APPROVED**

By Rachel Medina at 10:58 am, Dec 21, 2022





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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number see attached list	API Number attached
Location of Well Footage : County : see attached QQ, Section, Township, Range:	Field or Unit Name see attached Exhibit A Lease Designation and Number see attached Exhibit A
State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2022

CURRENT OPERATOR

Company: Ovintiv USA Inc.  
Address: 4 Waterway Square Place, Suite 100  
city The Woodlands state TX zip 77380  
Phone: 281-210-5100  
Comments: UIC wells under UDOGM Jurisdiction

Name: Christian C. Sizemore  
Signature: [Signature]  
Title: Director, Rockies and Land Innovation  
Date: 11/16/2022

NEW OPERATOR

Company: Scout Energy Management LLC  
Address: 13800 Montford Road, Suite 100  
city Dallas state TX zip 75240  
Phone: 972-325-1027  
Comments: Change of operator effective 9/1/2022

Name: Jon Piot  
Signature: [Signature]  
Title: Managing Director  
Date: 11/15/2022

(This space for State use only)

[Signature]

☐ EPA approval required

Max Inj. Press.  
Max Inj. Rate  
Perm. Inj. Interval  
Packer Depth  
Next MIT Due