

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.  
**UTU-36846**

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 3-29-8-18

1a. Type of Work:  DRILL  REENTER

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

2. Name of Operator  
**Newfield Production Company**

9. API Well No.  
**43-047-36660**

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

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

10. Field and Pool, or Exploratory  
**Eight Mile Flat**

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*  
At surface **NE/NW 559' FNL 1985' FWL 592153X 40.094780**  
At proposed prod. zone **4438627Y -109.918962**

11. Sec., T., R., M., or Blk. and Survey or Area  
**NE/NW Sec. 29, T8S R18E**

14. Distance in miles and direction from nearest town or post office\*  
**Approximatley 18.7 miles southeast of Myton, Utah**

12. County or Parish  
**Uintah**

13. State  
**UT**

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 2081' f/lse, NA f/unit  
**Approx. 1605'**

16. No. of Acres in lease  
**1178.69**

17. Spacing Unit dedicated to this well  
**40 Acres**

18. Distance from proposed location\* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1605'  
**5110'**

20. BLM/BIA Bond No. on file  
**UT0056**

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
**4987' GL**

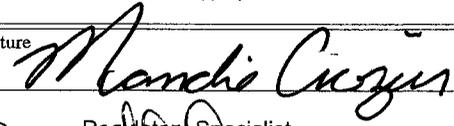
22. Approximate date work will start\*  
**4th Quarter 2005**

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

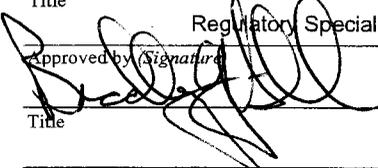
24. Attachments

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

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

25. Signature   
Title **Regulatory Specialist**

Name (Printed/Typed) **Mandie Crozier**  
Date **4/22/05**

Approved by   
Title **ENVIRONMENTAL SCIENTIST III**

Name (Printed/Typed) **BRADLEY G. HILL**  
Date **05-02-05**

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

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

\*(Instructions on reverse)

**Federal Approval of this  
Action is Necessary**

**RECEIVED  
APR 29 2005  
DIV. OF OIL, GAS & MINING**

# T8S, R18E, S.L.B.&M.

## NEWFIELD PRODUCTION COMPANY

1910  
Brass Cap

N89°59'W - 80.08 (G.L.O.)

S89°58'29"W - 2642.40' (Meas.)

S89°56'37"W - 2645.51' (Meas.)

559'  
1910  
Brass Cap

1910  
Brass Cap

1985'  
(Comp.)



DRILLING  
WINDOW

N00°05'03"W - 2642.14' (Meas.)

N0°03'W (G.L.O.)  
N00°01'15"W - 5297.25' (Meas.)

# 29

1910  
Brass Cap

**WELL LOCATION:  
FEDERAL 3-29-8-18**

ELEV. UNGRADED GROUND = 4987.0'

N00°03'00"W (Basis of Bearings)  
2645.39' (Measured)

N0°03'W (G.L.O.)

1910  
Brass Cap

1910  
Brass Cap

Spike in  
Pile of  
Stones

S89°52'58"W - 2659.02' (Meas.)

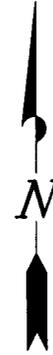
S89°49'29"W - 2633.16' (Meas.)

S89°56'W - 79.96 (G.L.O.)

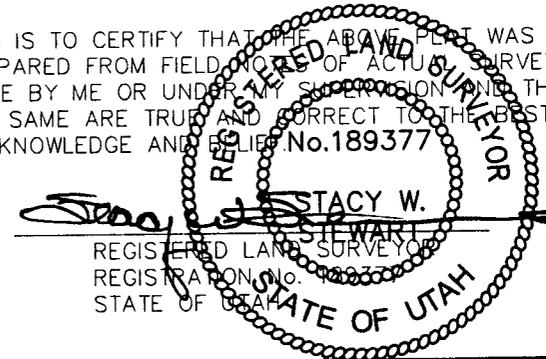
◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

WELL LOCATION, FEDERAL 3-29-8-18,  
LOCATED AS SHOWN IN THE NE 1/4 NW  
1/4 OF SECTION 29, T8S, R18E,  
S.L.B.&M. UINTAH COUNTY, UTAH.



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



### TRI STATE LAND SURVEYING & CONSULTING

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

SCALE: 1" = 1000'

SURVEYED BY: K.G.S.

DATE: 11-17-04

DRAWN BY: F.T.M.

NOTES:

FILE #

## NEWFIELD



April 22, 2005

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: 1-29-8-18, 2-29-8-18, 3-29-8-18, 4-29-8-18, 5-29-8-18, 8-29-8-18, 12-29-8-18, and 13-29-8-18. ✓

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 2-29-8-18 and 8-29-8-18 are Exception Locations. Our Land Department will send you the required 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

RECEIVED  
APR 29 2005  
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY  
FEDERAL #3-29-8-18  
NE/NW SECTION 29, T8S, R18E  
UINTAH COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2560'
Green River	2560'
Wasatch	5110'

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

Green River Formation 2560' – 5110' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY  
FEDERAL #3-29-8-18  
NE/NW SECTION 29, T8S, R18E  
UINTAH COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #3-29-8-18 located in the NE 1/4 NW 1/4 Section 29, T8S, R18E, Uintah County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 9.1 miles  $\pm$  to it's junction with an existing dirt road to the east; proceed easterly - 5.9 miles  $\pm$  to it's junction with an existing road to the southeast; proceed southeasterly - 0.3 miles  $\pm$  to it's junction with the beginning of the proposed access road; proceed southeasterly along the proposed access road - 1.8 miles  $\pm$  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 #04-145, 3/4/05. Paleontological Resource Survey prepared by, Wade E. Miller, 9/27/04. See attached report cover pages, Exhibit "D".

For the Federal #3-29-8-18 Newfield Production Company requests 2030' of disturbed area be granted in Lease UTU-36846 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 2130' of disturbed area be granted in Lease UTU-36846 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 2130' of disturbed area be granted in Lease UTU-36846 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

**Water Disposal**

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

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

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

None.

**Reserve Pit Liner**

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Shadscale	<i>Atriplex confertifolia</i>	6 lbs/acre
Indian Ricegrass	<i>Oryzopsis hymenoides</i>	6 lbs/acre

**Details of the On-Site Inspection**

The proposed Federal #3-29-8-18 was on-sited on 9/16/04. The following were present; Brad Mecham (Newfield Production), David Gerbig (Newfield Production), and Byron Tolman (Bureau of Land Management). Weather conditions were clear.

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 NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #3-29-8-18 NE/NW Section 29, Township 8S, Range 18E: Lease UTU-36846 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

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

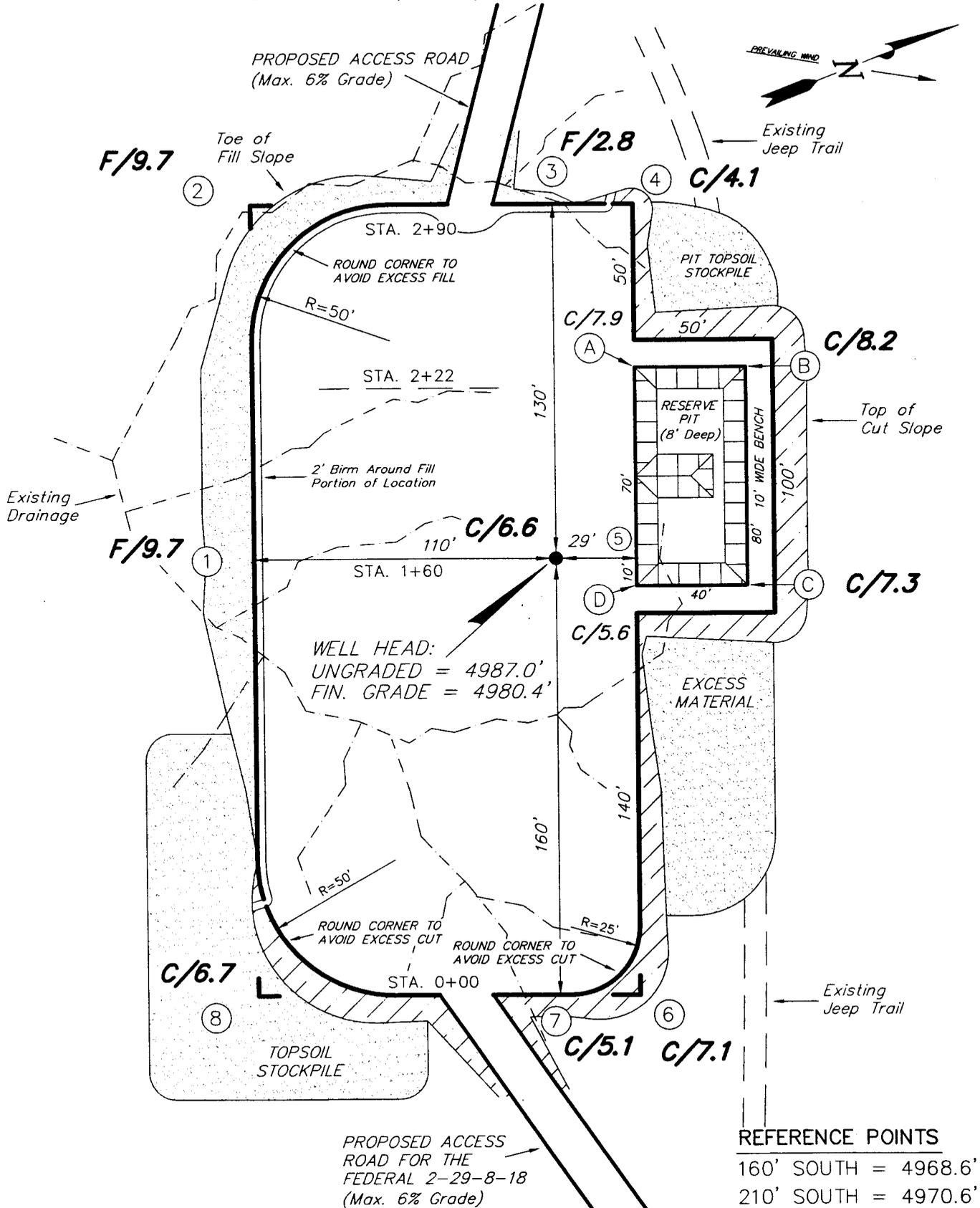
4/22/05  
Date

  
Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

# NEWFIELD PRODUCTION COMPANY

FEDERAL 3-29-8-18

Section 29, T8S, R18E, S.L.B.&M.



SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 11-17-04

**Tri State**  
Land Surveying, Inc.

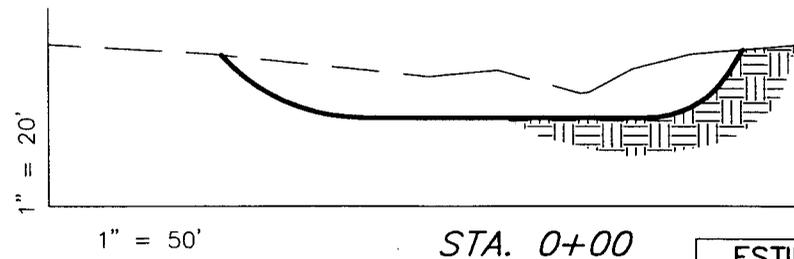
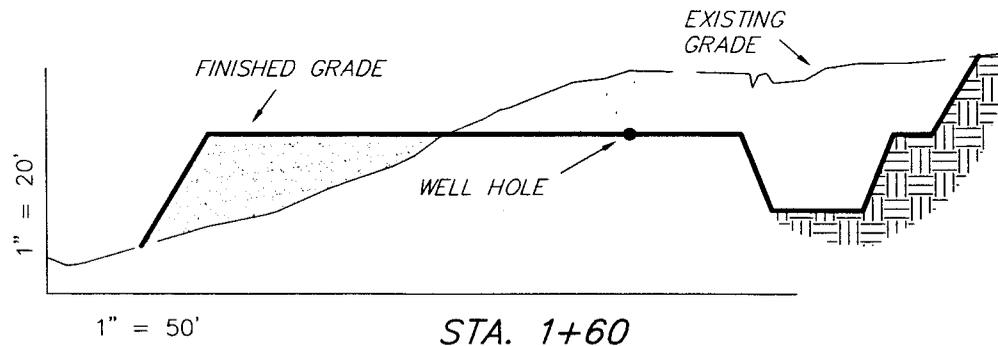
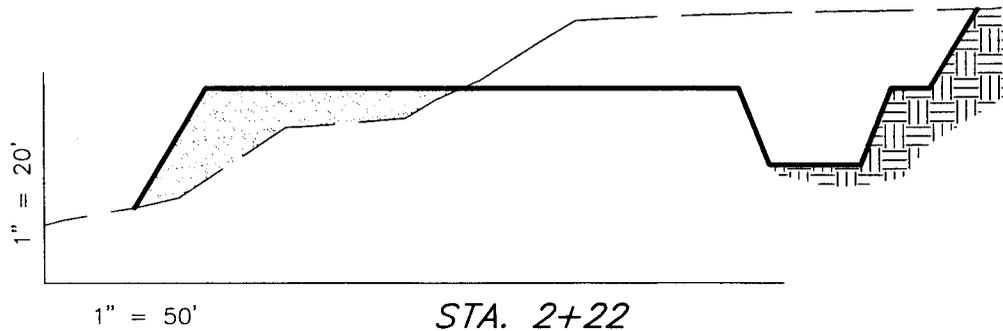
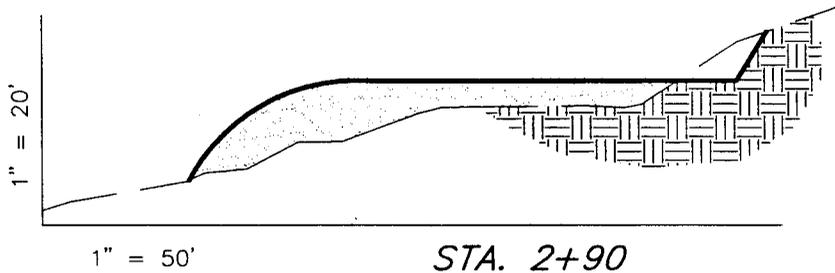
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS

FEDERAL 3-29-8-18



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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	4,310	4,300	Topsoil is not included in Pad Cut	10
PIT	640	0		640
TOTALS	4,950	4,300	840	650

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

SURVEYED BY: K.G.S.

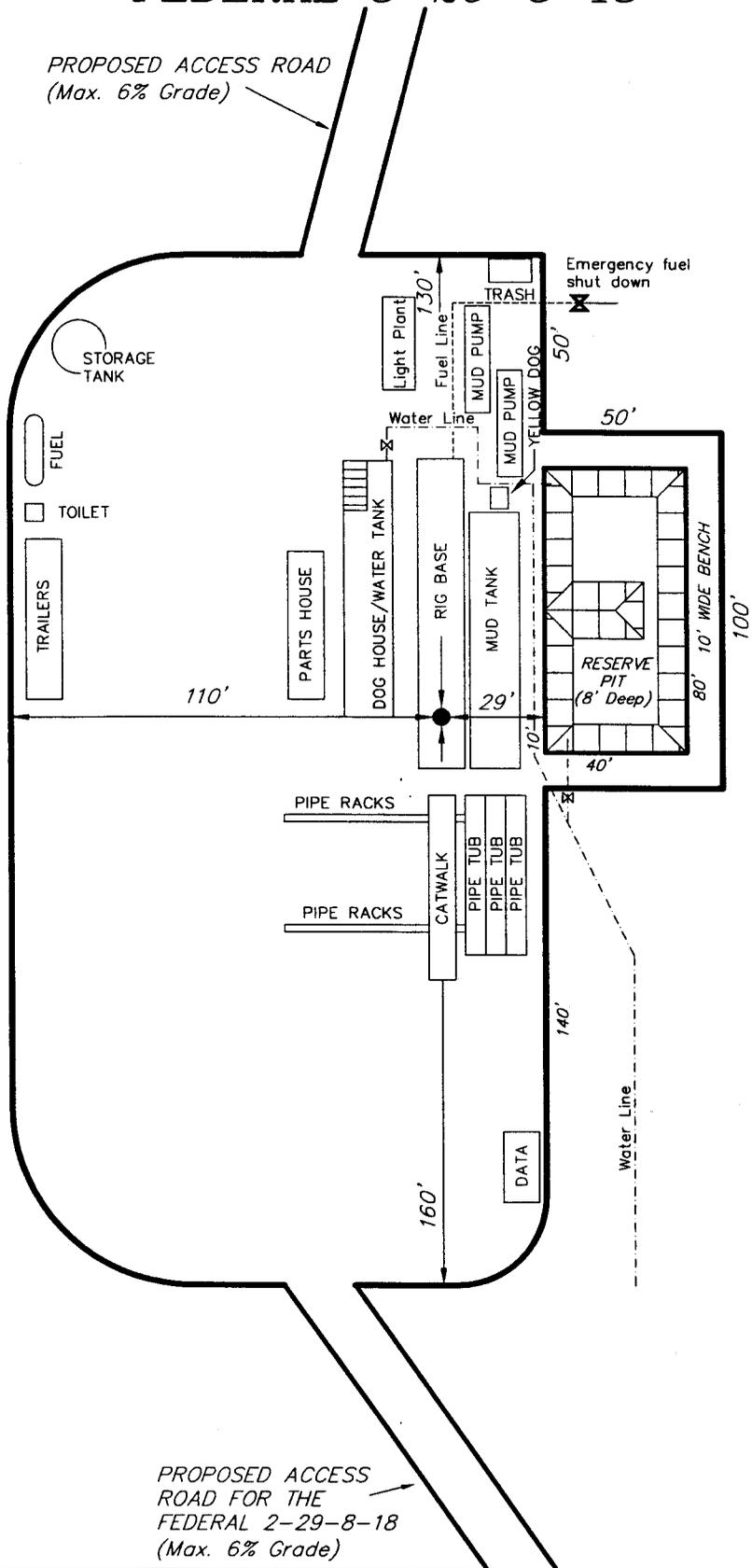
SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 11-17-04

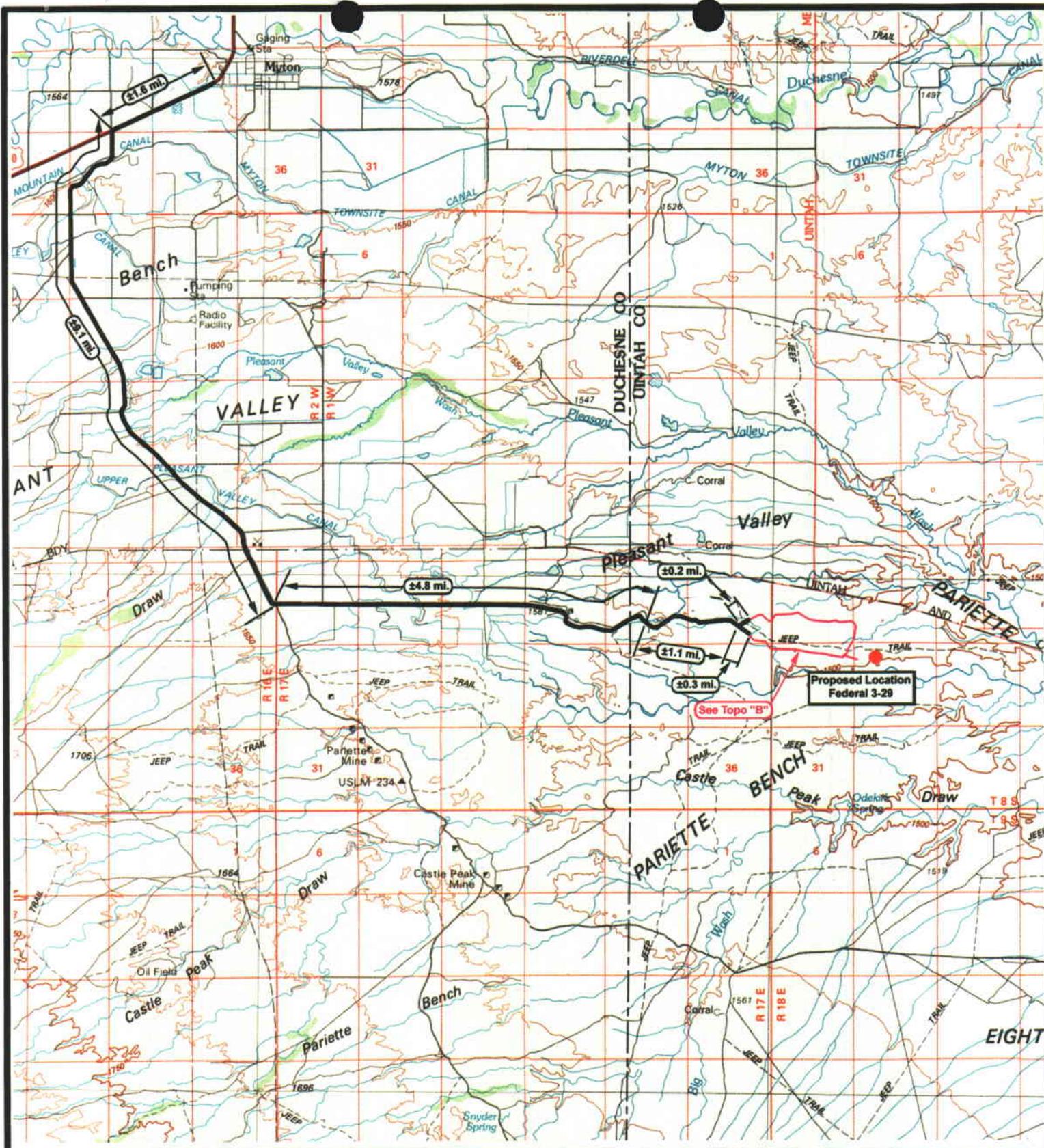
Tri State Land Surveying, Inc. (435) 781-2501  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

**NEWFIELD PRODUCTION COMPANY**  
**TYPICAL RIG LAYOUT**  
**FEDERAL 3-29-8-18**



SURVEYED BY: K.G.S.	SCALE: 1" = 50'
DRAWN BY: F.T.M.	DATE: 11-17-04

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



**NEWFIELD**  
Exploration Company

**Federal Unit 3-29**  
**SEC. 29, T8S, R18E, S.L.B.&M.**



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

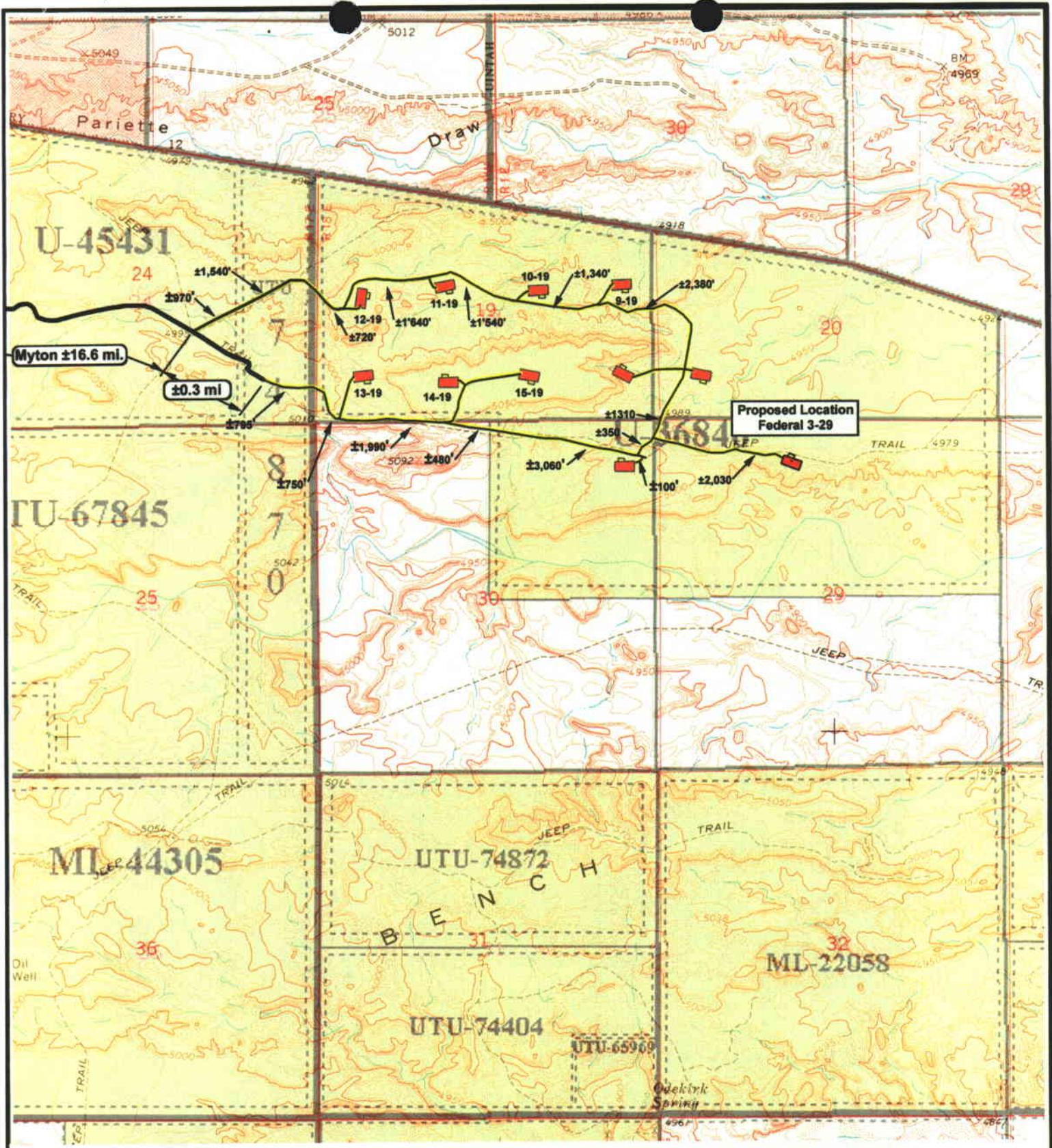
SCALE: 1 = 100,000  
DRAWN BY: mw  
DATE: 11-18-2004

**Legend**

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

**"A"**



**NEWFIELD**  
Exploration Company

**Federal Unit 3-29**  
**SEC. 29, T8S, R18E, S.L.B.&M.**



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

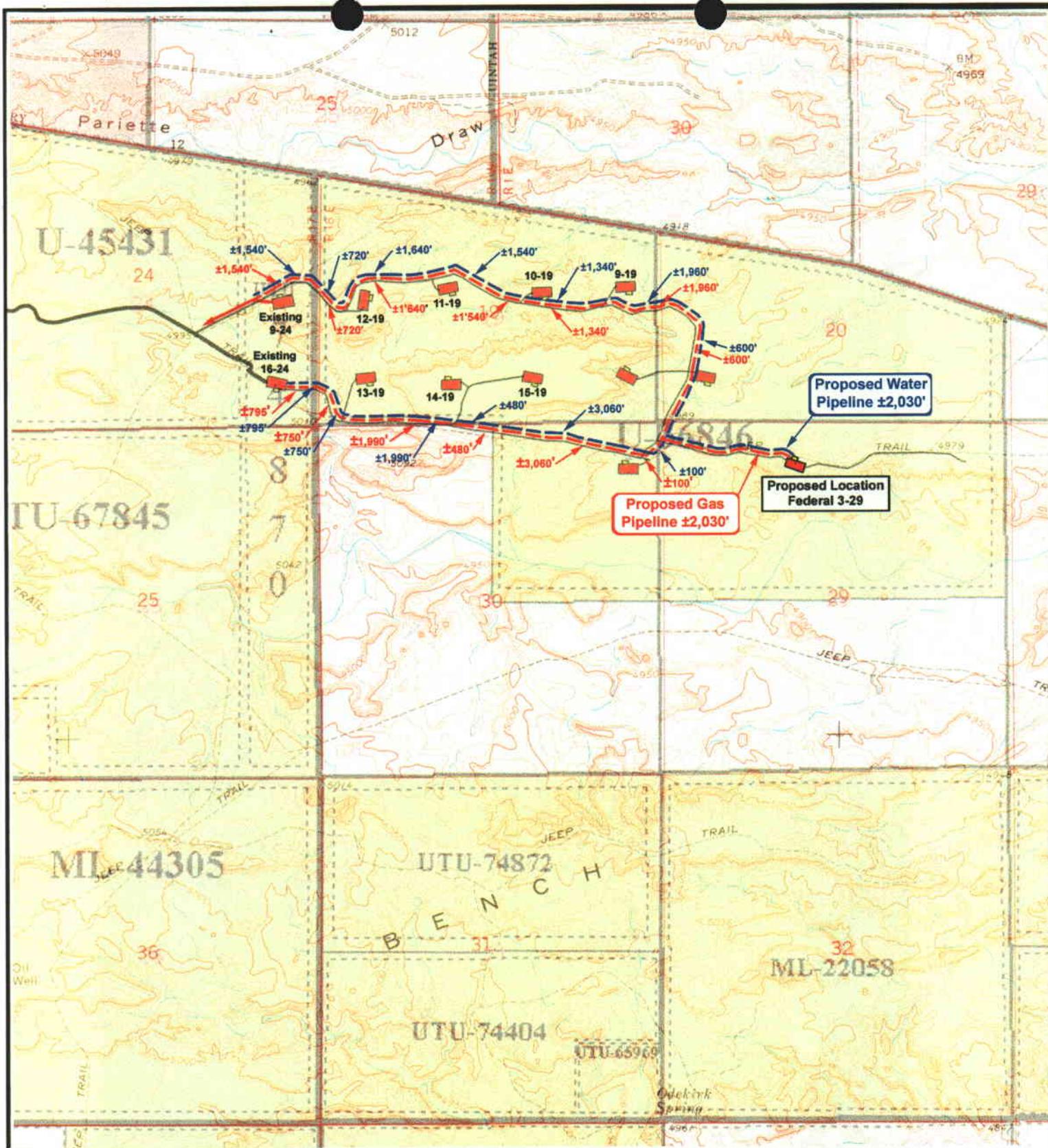
SCALE: 1" = 2000'  
DRAWN BY: mw  
DATE: 11-15-2004

**Legend**

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

**"B"**



**NEWFIELD**  
Exploration Company

**Federal Unit 3-29**  
**SEC. 29, T8S, R18E, S.L.B.&M.**



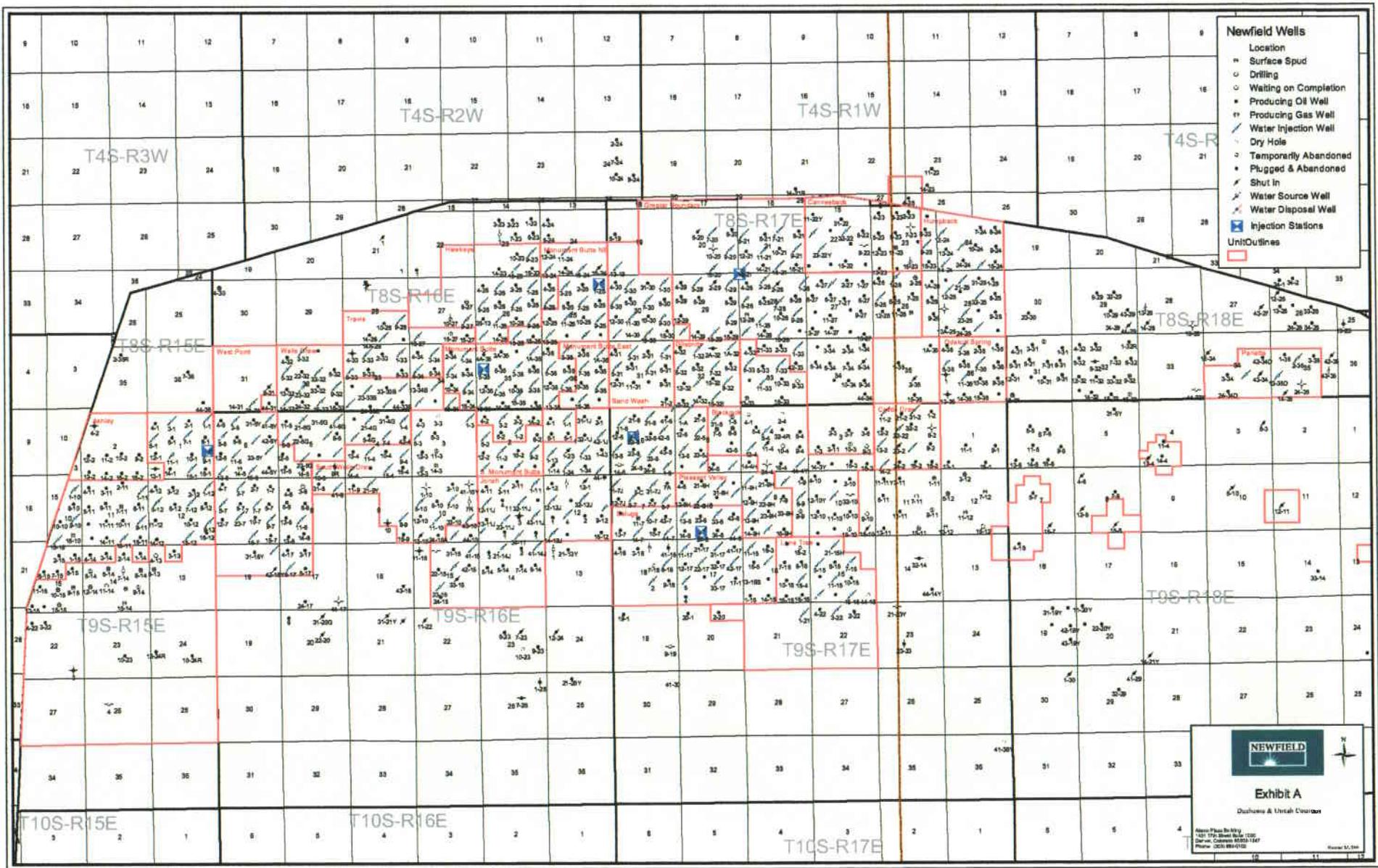
**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

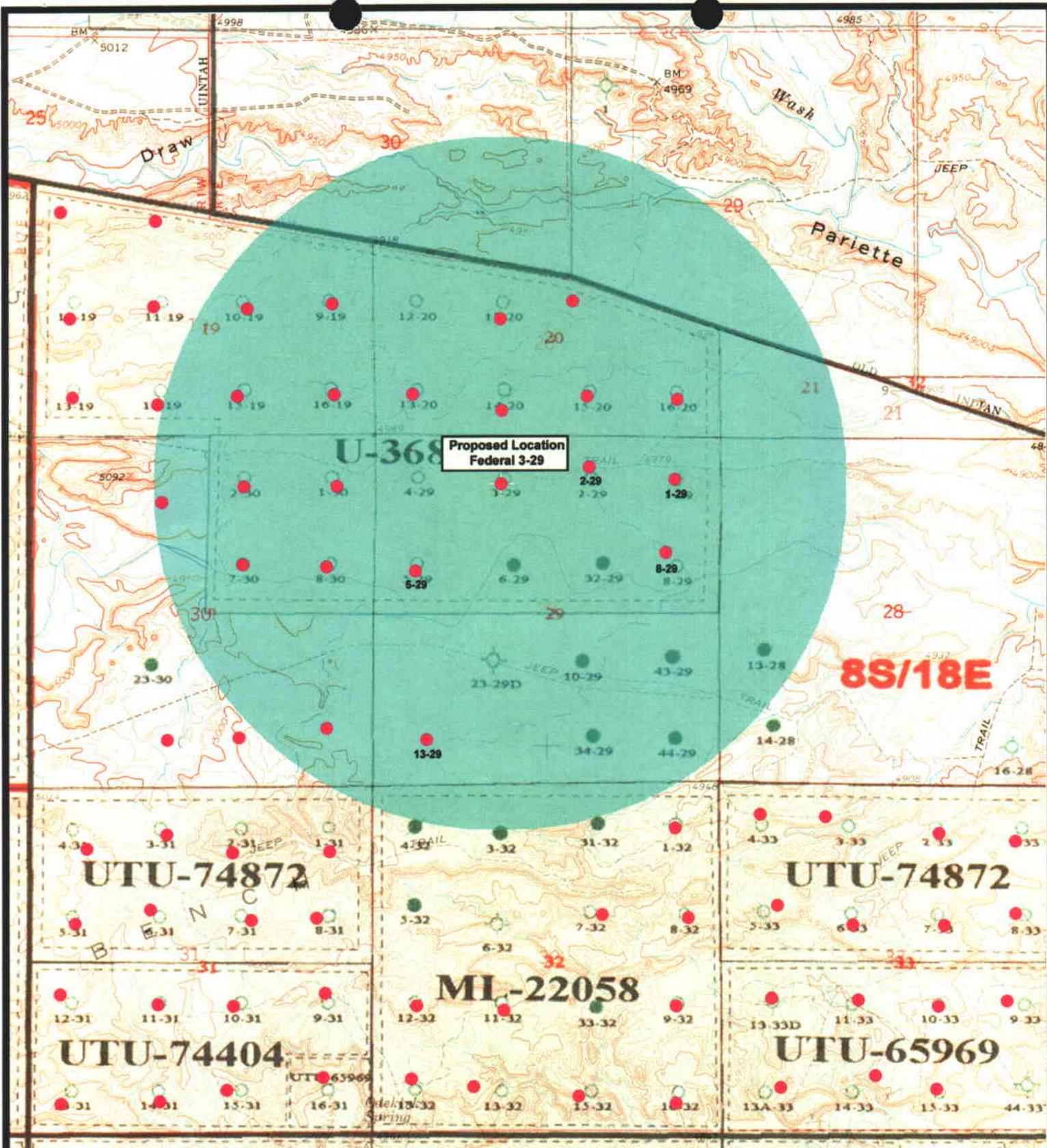
SCALE: 1" = 2000'  
DRAWN BY: mw  
DATE: 11-16-2004

**Legend**

- Roads
- Existing Gas Line
- Proposed Gas Line
- Existing Water Line
- Proposed Water Line

TOPOGRAPHIC MAP  
**"C"**





Proposed Location  
Federal 3-29

**8S/18E**

**UTU-74872**

**UTU-74872**

**MI-22058**

**UTU-74404**

**UTU-65969**



**Federal Unit 3-29**  
**SEC. 29, T8S, R18E, S.L.B.&M.**



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

SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 11-15-2004

**Legend**

- Proposed Location
- One-Mile Radius

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

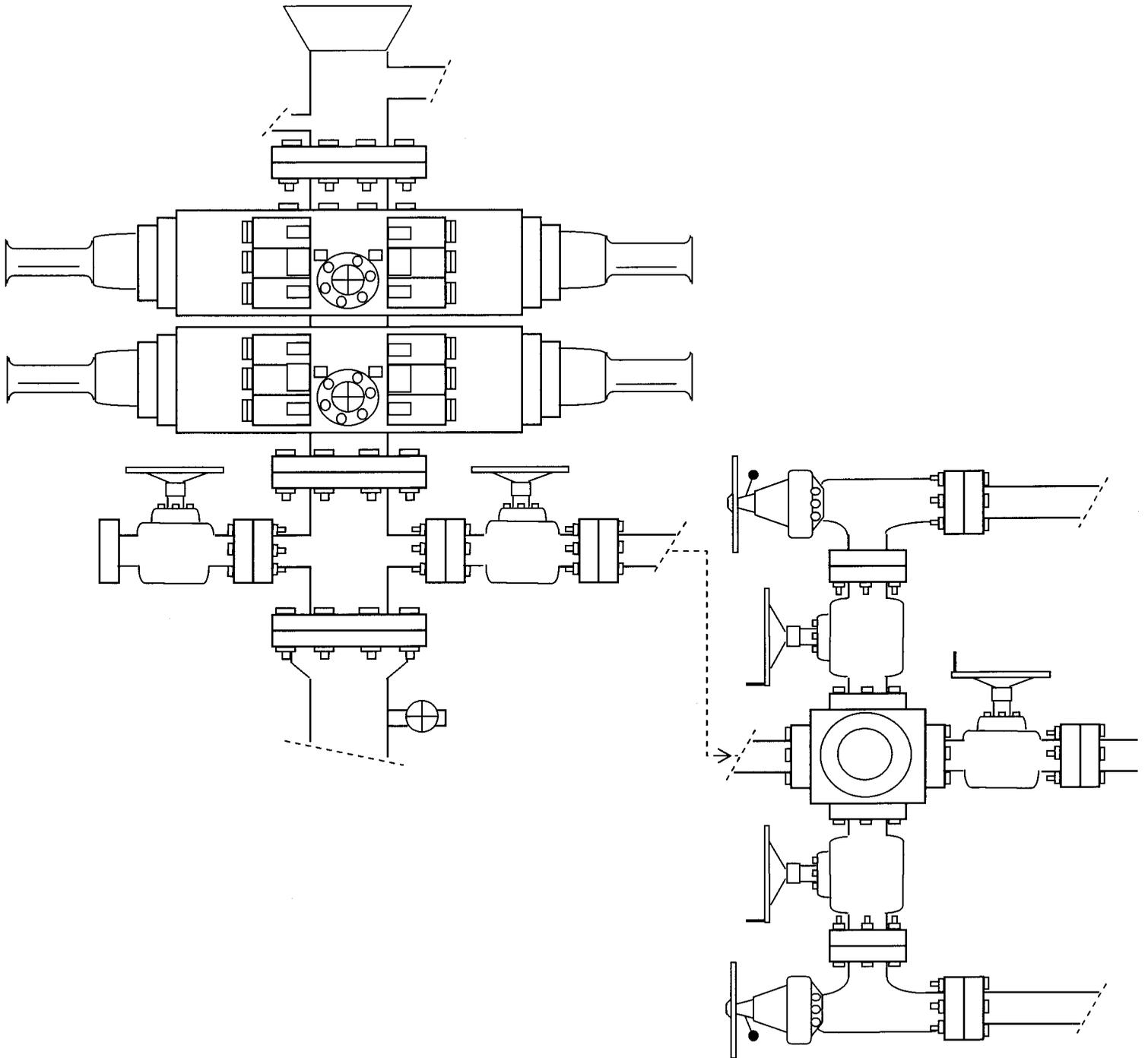


EXHIBIT C

Exhibit "D"

Page 1 of 4

CULTURAL RESOURCE INVENTORY OF  
NEWFIELD EXPLORATIONS' BLOCK PARCEL IN  
TOWNSHIP 8 SOUTH, RANGE 18 EAST, SECTIONS  
20, 21, 26, 27, 28, 29, 30, 34, AND 35  
UINTAH COUNTY, UTAH

By:

Katie Simon

Prepared For:

Bureau of Land Management  
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company  
Route 3 Box 3630  
Myton, Utah 84052

Prepared By:

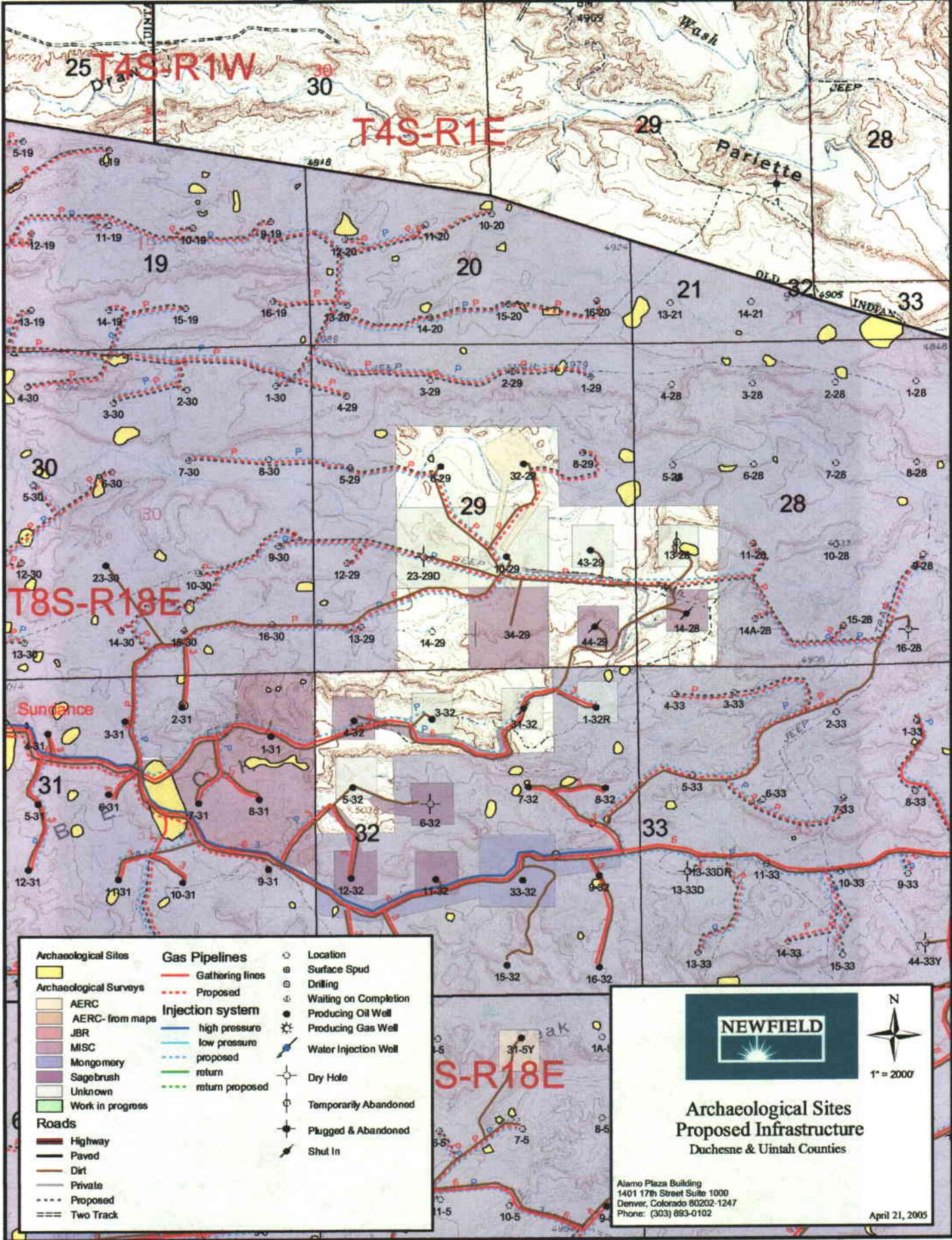
Montgomery Archaeological Consultants  
P.O. Box 147  
Moab, Utah 84532

MOAC Report No. 04-145

March 4, 2005

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

State of Utah Antiquities Project (Survey)  
Permit No. U-04-MQ-0510b



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



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

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

April 21, 2005

**NEWFIELD PRODUCTION COMPANY**

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

(SW 1/4 & SE 1/4, NW 1/4 + South 1/2 Section 19; South 1/2 Section 20  
[excluding NE 1/4, SE 1/4]; NE 1/4, NW 1/4 & SE 1/4, NE 1/4; NE 1/4,  
NW 1/4 & SW 1/4, NW 1/4; NW 1/4, SW 1/4 & SE 1/4, SW 1/4, Section 29;  
Section 30 [excluding NE 1/4, SW 1/4], Township 8 South, Range 18 East)

**REPORT OF SURVEY**

Prepared for:

**Newfield Production Company**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
September 27, 2004



Paleontology - Sites	Gas Pipelines	Well Status
Hamblin	Gas Pipelines	Location
Miller	Proposed	Surface Spud
Sagebrush	Injection system	Drilling
Sheeltz	high pressure	Waiting on Completion
Uinta	low pressure	Producing Oil Well
Unknown	proposed	Producing Gas Well
	return	Water Injection Well
	return proposed	Dry Hole
<b>Roads</b>		Temporarily Abandoned
Highway		Plugged & Abandoned
Paved		Shut In
Dirt		
Private		
Proposed		
Two Track		



**NEWFIELD**



1" = 2000'

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

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

April 21, 2005

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/29/2005

API NO. ASSIGNED: 43-047-36660

WELL NAME: FEDERAL 3-29-8-18  
OPERATOR: NEWFIELD PRODUCTION ( N2695 )  
CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NENW 29 080S 180E  
SURFACE: 0559 FNL 1985 FWL  
BOTTOM: 0559 FNL 1985 FWL  
UINTAH  
8 MILE FLAT NORTH ( 590 )

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

LEASE TYPE: 1 - Federal  
LEASE NUMBER: UTU-36846  
SURFACE OWNER: 1 - Federal  
PROPOSED FORMATION: GRRV  
COALBED METHANE WELL? NO

LATITUDE: 40.09478  
LONGITUDE: -109.9190

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UT 0056 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. MUNICIPAL )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

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

COMMENTS:

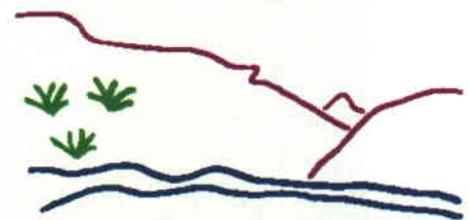
*Sop, Seperate file*

STIPULATIONS:

*1 Federal Approval  
2 Spacing WSP*



**OPERATOR: NEWFIELD PROD CO (N2695)**  
**SEC: 29 T. 8S R. 18E**  
**FIELD: EIGHT MILE FLAT NORTH (590)**  
**COUNTY: UINTAH**  
**SPACING: R649-3-2 / GENERAL SITING**



Utah Oil Gas and Mining



Wells	Units.shp	Fields.shp
⊕ GAS INJECTION	□ EXPLORATORY	⬛ 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: 2-MAY-2005

**State of Utah****Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

MARY ANN WRIGHT  
*Acting Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

May 2, 2005

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

Re: Federal 3-29-8-18 Well, 559' FNL, 1985' FWL, NE NW, Sec. 29, T. 8 South,  
R. 18 East, Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-36660.

Sincerely,

for John R. Baza  
Associate Director

pab  
Enclosures

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



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

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

**UTU-36846**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**N/A**

8. Well Name and No.

**FEDERAL 3-29-8-18**

9. API Well No.

**43-047-36660**

10. Field and Pool, or Exploratory Area

**8 MILE FLAT NORTH**

11. County or Parish, State

**UINTAH COUNTY, UT.**

*SUBMIT IN TRIPLICATE*

1. Type of Well

Oil Well   
  Gas Well   
  Other

2. Name of Operator

**NEWFIELD PRODUCTION COMPANY**

3. Address and Telephone No.

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

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

**559 FNL 1985 FWL NE/NW Section 29, T8S R18E**

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

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

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

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

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 5/2/05 (expiration 5/2/06).

This APD has not been approved yet by the BLM.

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

Date: 05-01-06  
By: [Signature]

*6/7/06  
CHD*

I hereby certify that the foregoing is true and correct

Signed Mandie Crozier Title Regulatory Specialist Date 4-28-2006  
Mandie Crozier

CC: LMBDOGM

(This space for Federal or State office use)

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

**MAY 01 2006**



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

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

**API:** 43-047-36660  
**Well Name:** Federal 3-29-8-18  
**Location:** NE/NW Section 29, T8S R18E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 5/2/2005

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

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

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

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

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

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

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

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

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

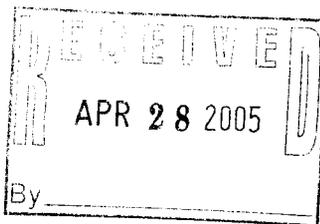
Mandi Crozier  
Signature

4/28/2006  
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

**MAY 01 2006**



Form 3160-3  
(September 2001)

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.	UTU-36846
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 3-29-8-18
9. API Well No.	43-047-366660
10. Field and Pool, or Exploratory	Eight Mile Flat
11. Sec., T., R., M., or Blk. and Survey or Area	NE/NW Sec. 29, T8S R18E
12. County or Parish	Uintah
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 Newfield Production Company	
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/NW 559' FNL 1985' FWL At proposed prod. zone	
14. Distance in miles and direction from nearest town or post office* Approximatley 18.7 miles southeast of Myton, Utah	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 2081' f/lse, NA f/unit	16. No. of Acres in lease 1178.69
17. Spacing Unit dedicated to this well 40 Acres	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1605'	19. Proposed Depth 5110'
20. BLM/BIA Bond No. on file UT0066 UTC0000192	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4987' GL	22. Approximate date work will start* 4th 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:

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

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 4/22/05
Title Regulatory Specialist		
Approved by (Signature) <i>Jerry Kenzika</i>	Name (Printed/Typed) JERRY KENZIKA	Date 8-23-2006
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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

Conditions of approval, if any, are attached.

**CONDITIONS OF APPROVAL ATTACHED**

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

\*(Instructions on reverse)

NOTICE OF APPROVAL RECEIVED

SEP 01 2006

UDOGM

DIV. OF OIL, GAS & MINING



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE  
170 South 500 East VERNAL, UT 84078 (435) 781-4400



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

**Company:** Newfield Production Company      **Location:** NENW, Sec 29, T8S, R18E  
**Well No:** Federal 3-29-8-18      **Lease No:** UTU-36846  
**API No:** 43-047-36660      **Agreement:** N/A

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Charlie Sharp	Office: 435-781-4486	
Natural Resource Specialist:	Chris Carusona	Office: 435-781-4441	
Natural Resource Specialist:	Scott Ackerman	Office: 435-781-4437	
<b>After Hours Contact Number:</b>	<b>435-781-4513</b>	<b>Fax:</b> 435-781-4410	

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

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

**NOTIFICATION REQUIREMENTS**

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

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

1. This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed November 21, 2005. If the well has not been spudded by November 21, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
2. All applicable local, state, and/or federal laws, regulations, and/or statutes must be complied with.
3. Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel will not be allowed.
4. The proposed action is in golden eagle nesting habitat. According to the lease, no new surface disturbing activities or drilling may occur during the period of **February 1<sup>st</sup> through July 15<sup>th</sup>**. If a request for an exception to this limitation is desired, the request must be made in writing to the Vernal Field Office Manager and approved prior to drilling or surface disturbing activities.
5. If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
6. The reserve pit will be lined with a 16 ml or greater liner prior to spudding.
7. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
8. The liner is to be cut 5 feet below ground or at the level of the cuttings, whichever is deeper and the excess liner material is to be disposed of at an authorized disposal site.
9. When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.
10. Prevent fill and stock piles from entering drainages.

**CULTURAL AND PALEONTOLOGICAL RESOURCES STIPULATION**

1. Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the

immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and a decision as to proper mitigation measures shall be made by the authorized officer after consulting with the holder.

2. The access road will be crowned and ditched. Flat-bladed roads are **NOT** allowed.
3. Notify the Authorized Officer 48 hours prior to surface disturbing activities.
4. All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
5. The boulders >3' found at the surface or above ground will be saved for final reclamation.
6. Interim Reclamation (see below):
  - a. Where possible, strip six inches of topsoil from the location as shown on the cut sheet. After the well is converted to an injection well, the topsoil will be spread and re-contoured on the location and immediately seeded with the seed mix below.
  - b. Interim Reclamation Seed Mix for location:

Galleta grass	<i>Hilaria jamesil</i>	6 lbs/acre
Western wheatgrass	<i>Pascopyrum smithii</i>	<u>6 lbs/acre</u>
Per Live Seed Total		12 lbs/acre
  - c. The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed it shall be re-contoured, then the area should be seeded in the same manner as the topsoil.
  - d. There shall be no primary or secondary noxious weeds in the seed mixture.
  - e. Once the location is plugged and abandoned contact the Authorized Officer for final reclamation plans.
  - f. The above listed seed mix shall be used to seed all unused portions of the pad including the topsoil and stock piles, and the reserve pits. Re-seeding may be required if the first seeding is not successful.
  - g. The seed shall be drilled or disked into the ground or hand broadcast onto the ground. Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixture will be doubled and the area raked or chained to cover the seed.

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

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

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

1. None.

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

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

5. All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
6. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30

days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.

7. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

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

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

8. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

**Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Wellogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**

9. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

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

10. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
11. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
12. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - a. Operator name, address, and telephone number.
  - b. Well name and number.
  - c. Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
  - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - g. Unit agreement and / or participating area name and number, if applicable.
  - h. Communitization agreement number, if applicable.
13. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
14. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production

15. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
  
16. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

# DIVISION OF OIL, GAS AND MINING

## **SPUDDING INFORMATION**

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 3-29-8-18

Api No: 43-047-36660 Lease Type: FEDERAL

Section 29 Township 08S Range 18E County UINTAH

Drilling Contractor NDSI RIG # NS#1

### **SPUDDED:**

Date 11/18//06

Time 9:30 AM

How DRY

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

Reported by TROY ZUFEIT

Telephone # (435) 823-6013

Date 11/20/06 Signed CHD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

1. Type of Well  
 Oil Well    Gas Well    Other

2. Name of Operator  
 NEWFIELD PRODUCTION COMPANY

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

3b. Phone    (include are code)  
                   435.646.3721

4. Location of Well    (Footage, Sec., T., R., M., or Survey Description)  
 NE/NW 559' FNL 1985' FWL  
 Section 29 T8S R18E

5. Lease Serial No.  
 UTU - 36846

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
 FEDERAL 3-29-8-18

9. API Well No.  
 4304736660

10. Field and Pool, or Exploratory Area  
 MONUMENT BUTTE

11. County or Parish, State  
 , UT

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

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

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

On 11/18/06 MIRUNDSI NS#1 .Spud well @9:30am. Drill 308' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 313.26' On 11/21/06 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/sk yeild. Returned 5 bbls cement to pit. WOC.

RECEIVED

NOV 24 2006

DIRECTOR, BLM

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

Signature: *Don Bastian*

Title: Drilling Foreman

Date: 11/22/2006

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

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

Office: \_\_\_\_\_

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

(Instructions on reverse)

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 313.26

LAST CASING 8 5/8" SET AT 313.26'  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 308' LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

OPERATOR NewField Production Company  
 WELL Federal 3-29-8-18  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # NDSI NS#1

LOG OF CASING STRING:								
PIECES	OD	ITEM - MAKE - DESCRIPTION		WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 44.85'						
		WHI - 92 csg head				8rd	A	0.95
7	8 5/8"	Maverick ST&C csg		24#	J-55	8rd	A	301.41
		<b>GUIDE</b> shoe				8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING				303.26
TOTAL LENGTH OF STRING		303.26	7	LESS CUT OFF PIECE				2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG				12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH				<b>313.26</b>
TOTAL		301.41	7	} COMPARE				
TOTAL CSG. DEL. (W/O THRDS)		301.41	7					
TIMING		1ST STAGE						
BEGIN RUN CSG.	Spud	11/18/2006	9:30AM	GOOD CIRC THRU JOB				Yes
CSG. IN HOLE		11/18/2006	2:30PM	Bbls CMT CIRC TO SURFACE				5
BEGIN CIRC		11/21/2006	1:00PM	RECIPROCATED PIPE FOR				THRU FT STROKE
BEGIN PUMP CMT		11/21/2006	1:10PM					N/A
BEGIN DSPL. CMT		11/21/2006	1:21PM	BUMPED PLUG TO				600 PSI
PLUG DOWN		11/21/2006	1:36PM					
CEMENT USED		CEMENT COMPANY- <b>B. J.</b>						
STAGE	# SX	CEMENT TYPE & ADDITIVES						
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield						
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING						
Centralizers - Middle first, top second & third for 3								

COMPANY REPRESENTATIVE Don Bastian DATE 11/21/2006

NOV 24 2006

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

OPERATOR: NEWFIELD PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3830  
MAYTON, UT 84052

OPERATOR ACCT. 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	15811	43-047-36660	FEDERAL 3-29-8-18	NE/NW	29	8S	18E	UINTAH	11/15/06	11/30/06
WELL 1 COMMENTS: GRRU											
A	99999	15812	43-047-37557	FEDERAL 2-25-6-20	NW/NE	25	6S	20E	UINTAH	11/17/06	11/30/06
WELL 2 COMMENTS: GRRU Gusher Deep Unit											
A	99999	15813	43-047-37559	FEDERAL 5-19-6-21	SW/NW	19	6S	21E	UINTAH	11/18/06	11/30/06
WELL 3 COMMENTS: GRRU											
A	99999	15814	43-047-37560	FEDERAL 6-30-6-21	SE/NW	30	6S	21E	UINTAH	11/21/06	11/30/06
WELL 4 COMMENTS: GRRU											
<del>A</del>	<del>99999</del>	<del>X</del>	<del>43-013-32950</del>	<del>ASHLEY FEDERAL 15-25-9-15</del>	<del>SW/SE</del>	<del>25</del>	<del>8S</del>	<del>15E</del>	<del>DUCHESNE</del>	<del>11/27/06</del>	<del></del>
WELL 5 COMMENTS: GRRU not in Unit PA at this time Duplicate original processed 11/16/06											
										spud 11/7/06	

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NOV 29 2006

DIV. OF OIL, GAS & MINING

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

NOTE: Use COMMENT section to explain why action code was selected

*Lana Nebeker*  
Signature  
LANA NEBEKER

Production Analyst  
Title  
November 1, 2006  
Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.  
USA UTU-36846

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
FEDERAL 3-29-8-18

9. API Well No.  
4304736660

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
UINTAH, UT

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)  
435.646.3721

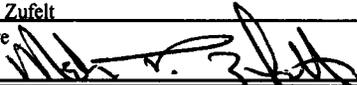
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
559 FNL 1985 FWL  
Section 29 T8S R18E

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

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

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

On 12/27/2006 MIRU Patterson Rig # 155. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6,400. 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, 150 jt's of 5.5 J-55, 15.5# csgn. Set @ 6384.95' / KB. Cement with 400 sks cement mixed @ 11.0 ppg & 3.49 yld. The 475 sks cement mixed @ 14.4 ppg & 1.24 yld. With 30 bbls returned to pit. Nipple down Bop's. Drop slips @ 100,000 #'s tension. Release rig 3:00 pm on 1/01/07.

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

Title  
Drilling Foreman

Date  
01/02/2007

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

JAN 04 2007

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

\_\_\_\_\_ **5 1/2"** CASING SET AT \_\_\_\_\_ **6384.95**

LAST CASING 8 5/8" Set @ \_\_\_\_\_ 313.26  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING 12'  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 6400' TD loggers 6413'  
 HOLE SIZE 7 7/8"

Fit cllr @ 6341.32  
 OPERATOR Newfield Production Company  
 WELL Federal 3-29-8-18  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Patterson-UTI Rig # 155

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 6.10' @ 4449.62'					
149	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	6327.32
							0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	44.38
		<b>GUIDE</b> shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6386.95
TOTAL LENGTH OF STRING		6386.95	150	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		211.96	6	CASING SET DEPTH			<b>6384.95</b>
TOTAL		<b>6583.66</b>	156	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6583.66	156				
TIMING		1ST STAGE	2nd STAGE	GOOD CIRC THRU JOB <u>lost returns last 22 bbls of displacement</u> Bbls CMT CIRC to surface <u>30</u> RECIPROCATED PIPE FOR <u>THRUSTROKE</u> DID BACK PRES. VALVE HOLD ? <u>yes</u> BUMPED PLUG TO <u>2100</u> PSI			
BEGIN RUN CSG.		2:00 AM	1/1/2007				
CSG. IN HOLE		5:30 AM	1/1/2007				
BEGIN CIRC		6:00 AM	1/1/2007				
BEGIN PUMP CMT		8:36 AM	1/1/2007				
BEGIN DSPL. CMT		9:37 AM	1/1/2007				
PLUG DOWN		10:10 AM	1/1/2007				
CEMENT USED		CEMENT COMPANY- <b>B. J.</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	400	Premlite II w/ 10% gel + 3 % KCL, 5#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.49 cf/sk yield					
2	475	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 Troy Zufelt DATE 1/1/2007

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
559 FNL 1985 FWL  
Section 29 T8S R18E

5. Lease Serial No.  
USA UTU-36846

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
FEDERAL 3-29-8-18

9. API Well No.  
4304736660

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
UINTAH, UT

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

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

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

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

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

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

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

Mandie Crozier

Signature

*Mandie Crozier*

Title

Regulatory Specialist

Date

02/15/2007

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 any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

FEB 21 2007

DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-36846

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:  
FEDERAL 3-29-8-18

9. API NUMBER:  
4304736660

10. FIELD AND POOL, OR WILDCAT:  
MONUMENT BUTTE

**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  GAS WELL  OTHER

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

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

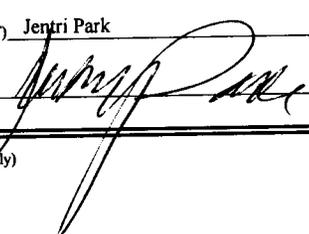
4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 559 FNL 1985 FWL COUNTY: UINTAH  
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: , 29, T8S, R18E STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: 02/27/2007	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 The above subject well was completed on 02/13/07, attached is the daily completion status report.

NAME (PLEASE PRINT) Jenri Park TITLE Production Clerk

SIGNATURE  DATE 02/27/2007

(This space for State use only)

**RECEIVED**  
**MAR 01 2007**  
 DIV. OF OIL, GAS & MINING

## Daily Activity Report

Format For Sundry

**FEDERAL 3-29-8-18**

12/1/2006 To 4/28/2007

**1/22/2007 Day: 1**

**Completion**

Rigless on 1/22/2007 - 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. WLTD @ 6291' & cement top @ 350'. Perforate stage #1, CP1 sds @ 5981- 91' w/ 4" Port guns (19 gram, .41"HE. 90°) w/ 4 SPF for total of 40 shots. 151 bbls EWTR. SIFN.

**2/6/2007 Day: 2**

**Completion**

Rigless on 2/5/2007 - RU BJ Services "Ram Head" frac flange. RU BJ & frac stage #1, CP1 sds down casing w/ 35,200#'s of 20/40 sand in 407 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2794 psi. Treated @ ave pressure of 1819 w/ ave rate of 24.5 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1640. 558 bbls EWTR. Leave pressure on well. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 8' perf gun. Set plug @ 5432'. Perforate B.5 sds @ 5324-32' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90° ) w/ 4 spf for total of 32 shots. SIFN.

**2/7/2007 Day: 3**

**Completion**

Rigless on 2/6/2007 - Thaw well out. RU BJ & frac stage #2, B.5 sds down casing w/ 24,903#'s of 20/40 sand in 326 bbls of Lightning 17 frac fluid. Open well w/ 44 psi on casing. Perfs broke down @ 1567 psi. Treated @ ave pressure of 1553 w/ ave rate of 24.3 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1566. 884 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 7' perf gun. Set plug @ 5270'. Perforate D2 sds @ 5177-84' w/ 4 spf for total of 28 shots. RU BJ & frac stage #3 w/ 20,500#'s of 20/40 sand in 278 bbls of Lightning 17 frac fluid. Open well w/ 1253 psi on casing. Perfs broke down @ 4100 psi. Treated @ ave pressure of 1864 w/ ave rate of 24.7 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1697. 1162 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 16' perf gun. Set plug @ 4720'. Perforate GB4 sds @ 4604-20' w/ 4 spf for total of 64 shots. RU BJ & frac stage #4 w/ 92,271#'s of 20/40 sand in 658 bbls of Lightning 17 frac fluid. Open well w/ 1230 psi on casing. Perfs broke down @ 1304 psi. Treated @ ave pressure of 1541 w/ ave rate of 24.7 bpm w/ 8 ppg of sand. ISIP was 1706. 1820 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 4 hours & died w/ 280 bbls rec'd. SIFN.

**2/12/2007 Day: 4**

**Completion**

NC #3 on 2/9/2007 - MIRUSU. RU hot oiler to thaw wellhead & BOP. ND BOP & frac head. NU production head & BOP. RU rig floor. X- over to tbq eq. PU TIH w/ 4 3/4 chomp bit, & 150- jts 2 7/8. No fill. RU 4- Star power swivel. Drill out Plg @ 4720'. TIH w/ tbq to fill @ 5154'. Clean out fill & drill out Plg @ 5270'. TIH w/ tbq to fill @ 5375'. Clean out fill & drill out Plg @ 5432'. CWC. SDFD @ 6:30. No water loss.

**2/13/2007 Day: 5**

**Completion**

NC #3 on 2/12/2007 - RU rig pump & CWC. TIH w/ tbg to fill @ 6225'. Clean out fill to PBD @ 6334'. CWC. LD 3- jts 2 7/8. EOT @ 6255'. RU sandline to swab. IFL @ surface. Made 13 swab runs & recovered 160 bbls water w/ no sand & no oil. RD sandline. PU TIH w/ 3- jts 2 7/8. Tag fill @ 6324'. Clean out fill to PBD @ 6334'. CWC. LD 8- jts 2 7/8. TOH w/ 193- jts 2 7/8, & chomp bit. PU TIH w/ NC, 2- jts 2 7/8, SN, 1- jt 2 7/8, TA, 40- jts 2 7/8. SDFD @ 6:30.

---

2/14/2007 Day: 6

Completion

NC #3 on 2/13/2007 - TIH w/ 150- jts 2 7/8. RD rig floor. ND BOP. Set TA w/ 15000 tension. NU wellhead. X- over to rod eq. PU TIH w/ 2 1/2 x 1 1/2 x 12 x 15 RHAC, 6- 1 1/2 wt bars, 10- 3/4 guided rods, 126- 3/4 plain rods, 99- 3/4 guided rods, 4', 2', x 3/4 pony rods, 1 1/2 x 22' polish rod. RU pumping unit. Fill tbg w/ 5 bbls water. Stroke test rod pump to 800 psi. Good test. RD MOSU @ 5:30. POP @ 5:30 W/ 86" SL @ 5 SPM FINAL REPORT.

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Pertinent Files: Go to File List

SUBMIT IN DUPLICATE\*  
(See other instructions on reverse side)

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

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

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

5. LEASE DESIGNATION AND SERIAL NO.  
**UTU-36846**

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

7. UNIT AGREEMENT NAME  
**Federal**

8. FARM OR LEASE NAME, WELL NO.  
**Federal 3-29-8-18**

9. WELL NO.  
**43-047-36660**

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

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
**Sec. 29, T8S, R18E**

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

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

2. NAME OF OPERATOR  
**Newfield Exploration Company**

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

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)\*  
At Surface **559' FNL & 1985' FWL (NE/NW) Sec. 29, T8S, R18E**  
At top prod. Interval reported below

14. API NO. **43-047-36660** DATE ISSUED **05/02/06**

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

15. DATE SPUNDED **11/18/06** 16. DATE T.D. REACHED **12/31/06** 17. DATE COMPL. (Ready to prod.) **02/13/07** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **4987' GL** 19. ELEV. CASINGHEAD **4999' KB**

20. TOTAL DEPTH, MD & TVD **6400'** 21. PLUG BACK T.D., MD & TVD **6334'** 22. IF MULTIPLE COMPL., HOW MANY\* **----->** 23. INTERVALS DRILLED BY **X** 24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\* **Green River 4604'-5991'**

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**

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	313'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6385'	7-7/8"	400 sx Premlite II and 475 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 6112'	TA @ 6013'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP1) 5981'-5991'	.41"	4/40	5981'-5991'	Frac w/ 35,200# 20/40 sand in 407 bbls fluid
(B.5) 5324'-5332'	.43"	4/32	5324'-5332'	Frac w/ 24,903# 20/40 sand in 326 bbls fluid
(D2) 5177'-5184'	.43"	4/28	5177'-5184'	Frac w/ 20,500# 20/40 sand in 278 bbls fluid
(GB4) 4604'-4620'	.43"	4/64	4604'-4620'	Frac w/ 92,271# 20/40 sand in 658 bbls fluid

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

33.\* PRODUCTION

DATE FIRST PRODUCTION **02/13/07** PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) **2-1/2" x 1-1/2" x 12' x 15 RHAC SM Plunger Pump** WELL STATUS (Producing or shut-in) **PRODUCING**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 day ave			----->	59	16	10	271

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

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

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED Jentri Park TITLE **Production Clerk** DATE **3/5/2007**

**RECEIVED  
MAR 08 2007**

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 3-29-8-18	Garden Gulch Mkr	4092'	
				Garden Gulch 1	4307'	
				Garden Gulch 2	4423'	
				Point 3 Mkr	4713'	
				X Mkr	4926'	
				Y-Mkr	4962'	
				Douglas Creek Mkr	5100'	
				BiCarbonate Mkr		
				B Limestone Mkr		
				Castle Peak	5926'	
				Basal Carbonate	6314'	
				Total Depth (LOGGERS)	6413'	

<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-36846
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> FEDERAL 3-29-8-18
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43047366600000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> 8 MILE FLAT NORTH
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0559 FNL 1985 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 29 Township: 08.0S Range: 18.0E Meridian: S		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/22/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The subject well has been converted from a producing oil well to an injection well on 11/21/2013. Initial MIT on the above listed well. On 11/22/2013 the casing was pressured up to 1471 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 440 psig during the test. There was not an EPA representative available to witness the test. EPA#  
UT22197-10167

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
December 30, 2013**

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/26/2013	

## Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: \_\_\_\_\_ Date: 11 / 22 / 13  
 Test conducted by: MICHAEL JENSEN  
 Others present: Rocky CURRY

Well Name: <u>FEDERAL 3-29-8-18</u>	Type: ER SWD	Status: AC TA UC
Field: <u>GREATER MONUMENT BUTTE</u>		
Location: <u>NE/NW</u> Sec: <u>29</u> T <u>8</u> N/S R <u>18</u> E/W	County: <u>UTAH</u>	State: <u>UT</u>
Operator: <u>NEWFIELD EXPLORATION</u>		
Last MIT: <u>    </u> / <u>    </u> / <u>    </u>	Maximum Allowable Pressure: _____	PSIG

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

Pre-test casing/tubing annulus pressure: \_\_\_\_\_ psig

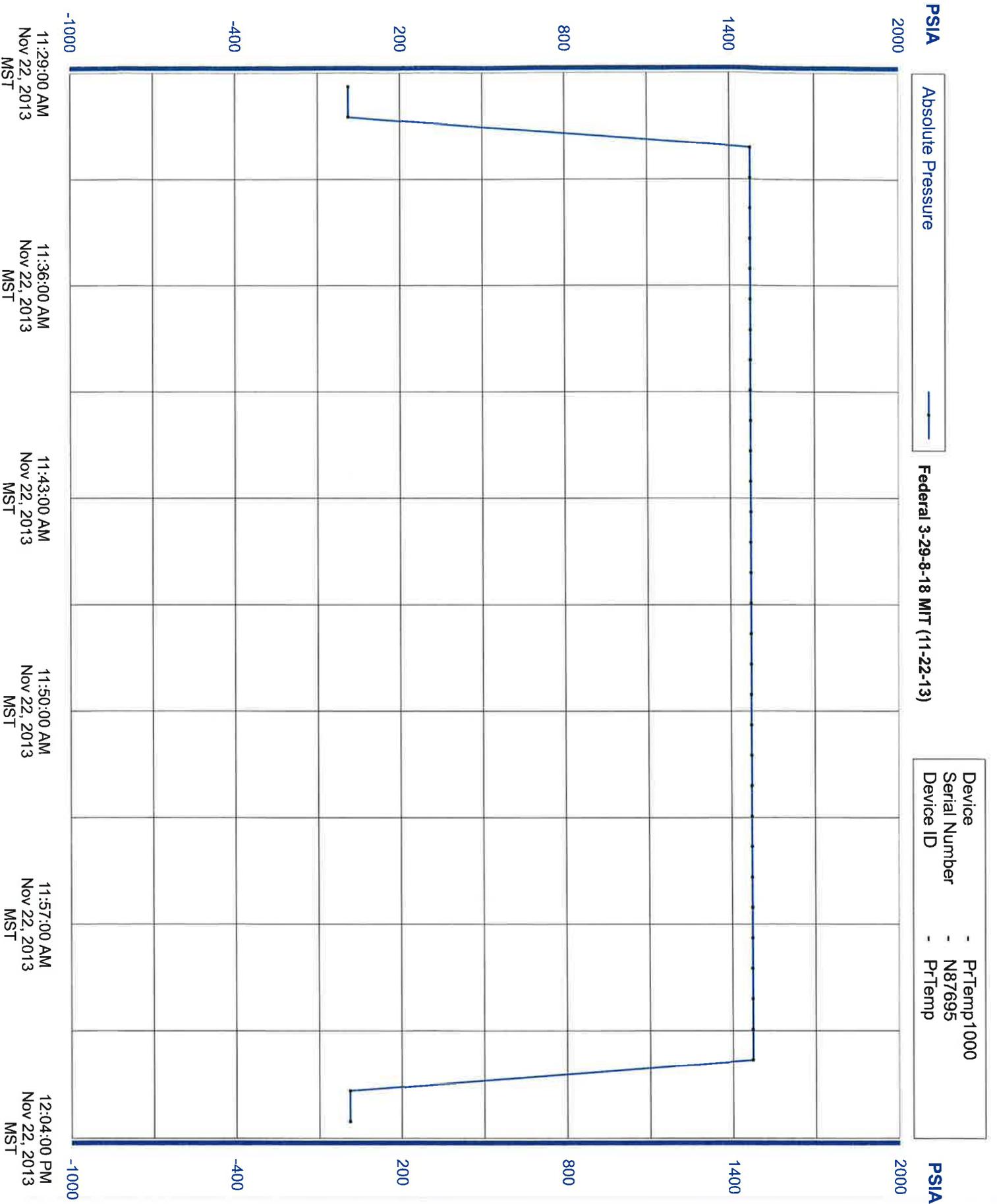
MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	440 psig	psig	psig
End of test pressure	440 psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	1474 psig	psig	psig
5 minutes	1473 psig	psig	psig
10 minutes	1473 psig	psig	psig
15 minutes	1473 psig	psig	psig
20 minutes	1472 psig	psig	psig
25 minutes	1472 psig	psig	psig
30 minutes	1471 psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

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

### MECHANICAL INTEGRITY PRESSURE TEST

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

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



## Daily Activity Report

Format For Sundry  
**FEDERAL 3-29-8-18**  
9/1/2013 To 1/30/2014

**11/21/2013 Day: 1**

**Conversion**

WWS #7 on 11/21/2013 - MIRU NUWH TAC not set NU BOP ru tbg equip 4:00 tooh breaking & green doping every connection w/ 40 jts 2-7/8" J-55 tbg - 9:00 road rig from 3-22-8-17 to 3-29-8-18 wait 30 min for dead men to be pull tested pump 60 bw down csg 10:15 ru rig rd pu unseat pump flush rods w/ 40 bw seat pump psi test tbg to 3,000 psi w/ 22 bw -good test - 12:10 LD 1.5"x22'polish rod 2',4'x3/4" ponys, 235-4per 3/4, 6-1.5" wt bars, & pump flushed 1 more time w/ 30 bw 3:00 x/over to tbg equip NUWH TAC not set NU BOP ru tbg equip 4:00 tooh breaking & green doping every connection w/ 40 jts 2-7/8" J-55 tbg swi 5:30 sdfn 5:30-6:30 crew travel - 9:00 road rig from 3-22-8-17 to 3-29-8-18 wait 30 min for dead men to be pull tested pump 60 bw down csg 10:15 ru rig rd pu unseat pump flush rods w/ 40 bw seat pump psi test tbg to 3,000 psi w/ 22 bw -good test - 12:10 LD 1.5"x22'polish rod 2',4'x3/4" ponys, 235-4per 3/4, 6-1.5" wt bars, & pump flushed 1 more time w/ 30 bw 3:00 x/over to tbg equip NUWH TAC not set NU BOP ru tbg equip 4:00 tooh breaking & green doping every connection w/ 40 jts 2-7/8" J-55 tbg swi 5:30 sdfn 5:30-6:30 crew travel **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$17,277

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**11/22/2013 Day: 2**

**Conversion**

WWS #7 on 11/22/2013 - flush tbg w/ 30 bw cont tooh talling tbg breaking & green doping EA connection. TIH pkr assy - 6-7 crew travel and safety meeting 7:00 flush tbg w/ 30 bw cont tooh talling tbg breaking & green doping EA connection w/ 104 jts 2-7/8" J-55 tbg LD 46 jts 2-7/8 j-55 tbg, 5-1/2 tac, 1 jt, sn, 2 jts, nc flushed 1 more time w/ 30 bw 11:15 tih w/ 2-3/8" wl entry guide, XN nipple w/ 1.875 profile, 2-3/8" tbg sub, 2-3/8"x2-7/8" x/over, 5-1/2" AS-1X pkr, on-off tool, 2-78" sn 144 jts 2-7/8" j-55 tbg pump 20 bw drop sv psi test tbg to 3,000 psi w/ 25 bw 1:15 - 3:30 get good test had to psi up 2 more times ru & rih w/ sand line ret sv pooh & rd sand line nd bop set pkr @ 4,568' for 15,000 # tension sn @ 4562', xn nipple @ 4577', eot @ 4578' - eot 26' above top perf - land tbg w/ injection tree nuwh mix 20 gall pkr fluid w/ 60 bbls fresh water psi test csg to 1,500 psi w/ 48 bbls @ 4:30 - 5:15 lost 200 psi - psi back up swi ready to check in AM 5:30 sdfn 5:30-6:30 crew travel - 6-7 crew travel and safety meeting 7:00 flush tbg w/ 30 bw cont tooh talling tbg breaking & green doping EA connection w/ 104 jts 2-7/8" J-55 tbg LD 46 jts 2-7/8 j-55 tbg, 5-1/2 tac, 1 jt, sn, 2 jts, nc flushed 1 more time w/ 30 bw 11:15 tih w/ 2-3/8" wl entry guide, XN nipple w/ 1.875 profile, 2-3/8" tbg sub, 2-3/8"x2-7/8" x/over, 5-1/2" AS-1X pkr, on-off tool, 2-78" sn 144 jts 2-7/8" j-55 tbg pump 20 bw drop sv psi test tbg to 3,000 psi w/ 25 bw 1:15 - 3:30 get good test had to psi up 2 more times ru & rih w/ sand line ret sv pooh & rd sand line nd bop set pkr @ 4,568' for 15,000 # tension sn @ 4562', xn nipple @ 4577', eot @ 4578' - eot 26' above top perf - land tbg w/ injection tree nuwh mix 20 gall pkr fluid w/ 60 bbls fresh water psi test csg to 1,500 psi w/ 48 bbls @ 4:30 - 5:15 lost 200 psi - psi back up swi ready to check in AM 5:30 sdfn 5:30-6:30 crew travel

**Daily Cost:** \$0

**Cumulative Cost:** \$25,080

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**11/25/2013 Day: 3**

**Conversion**

Rigless on 11/25/2013 - Conduct initial MIT - Initial MIT on the above listed well. On 11/22/2013 the casing was pressured up to 1471 psig and charted for 30 minutes with no

pressure loss. The well was not injecting during the test. The tubing pressure was 440 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10167 - Initial MIT on the above listed well. On 11/22/2013 the casing was pressured up to 1471 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 440 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10167 **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$57,292

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

Spud Date: 11/18/06  
 Put on Production: 02/13/07  
 K.B.: 4999' G.L.: 4987'

# Federal 3-29-8-18

## Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (303.26')  
 DEPTH LANDED: 313.26' 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. (6386.95')  
 DEPTH LANDED: 6384.95'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 400 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ,  
 CEMENT TOP AT: 350' per CBL 1/22/07

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 144 jts (4550.8')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4562.8' KB  
 ON/OFF TOOL AT: 4563.9'  
 ARROW #1 PACKER CE AT: 4569'  
 XO 2-3/8 x 2-7/8 J-55 AT: 4572.6'  
 TBG PUP 2-3/8 J-55 AT: 4573.1'  
 X/N NIPPLE AT: 4577.2'  
 TOTAL STRING LENGTH: EOT @ 4578.79'

### FRAC JOB

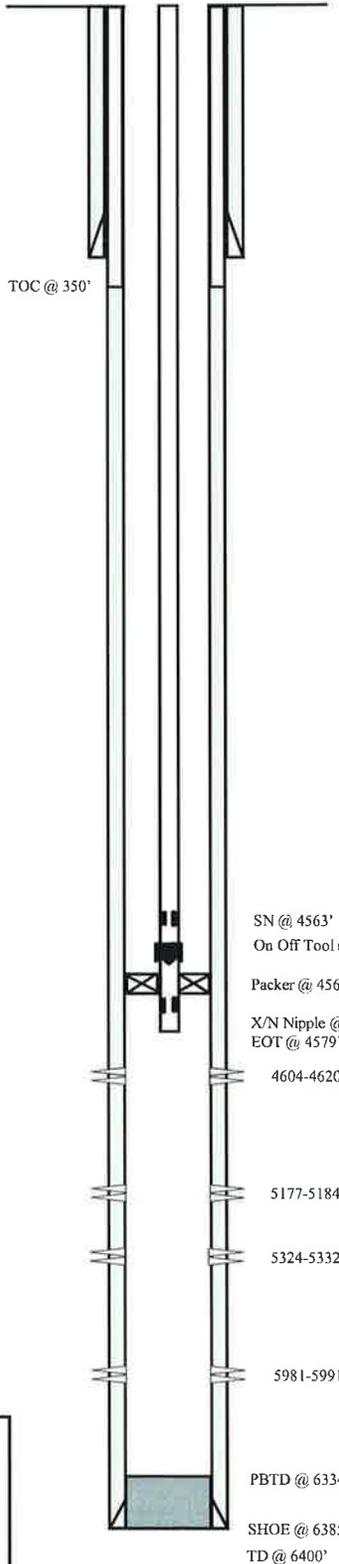
02/05/07 5981-5991' **Frac CPI, sands as follows:**  
 35200# 20/40 sand in 407 bbls Lightning 17 frac fluid. Treated @ avg press of 1819 psi w/avg rate of 24.5 BPM. ISIP 1640 psi. Calc flush: 5989 gal. Actual flush: 5460 gal.

02/06/07 5324-5332' **Frac B.5 sands as follows:**  
 24903# 20/40 sand in 326 bbls Lightning 17 frac fluid. Treated @ avg press of 1553 psi w/avg rate of 24.3 BPM. ISIP 1566 psi. Calc flush: 5330 gal. Actual flush: 4872 gal.

02/06/07 5177-5184' **Frac D2 sands as follows:**  
 20500# 20/40 sand in 278 bbls Lightning 17 frac fluid. Treated @ avg press of 1864 psi w/avg rate of 24.7 BPM. ISIP 1697 psi. Calc flush: 5182 gal. Actual flush: 4662 gal.

02/06/07 4604-4620' **Frac GB4 sands as follows:**  
 92271# 20/40 sand in 658 bbls Lightning 17 frac fluid. Treated @ avg press of 1541 psi w/avg rate of 24.7 BPM. ISIP 1706 psi. Calc flush: 4618 gal. Actual flush: 4492 gal.

5/18/07 **Pump change.** Update rod & tubing details,  
 8-2-07 **Pump change.** Updated rod & tubing detail,  
 11/21/13 **Convert to Injection Well**  
 11/22/13 **Conversion MIT Finalized** – update tbg detail



### PERFORATION RECORD

Date	Interval	Tool	Holes
01/22/07	5981-5991'	4 JSPF	40 holes
02/05/07	5324-5332'	4 JSPF	32 holes
02/06/07	5177-5184'	4 JSPF	28 holes
02/06/07	4604-4620'	4 JSPF	64 holes

**NEWFIELD**

**Federal 3-29-8-18**  
 559' FNL & 1985' FWL  
 NE/NW Section 29-18S-R18E  
 Uintah Co, Utah  
 API #43-047-36660; Lease #UTU-36846

<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-36846
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Water Injection Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> FEDERAL 3-29-8-18
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43047366600000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> 8 MILE FLAT NORTH
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0559 FNL 1985 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 29 Township: 08.0S Range: 18.0E Meridian: S		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/22/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

The above reference well was put on injection at 4:00 PM on  
12/22/2013. EPA # UT22197-10167

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
December 31, 2013**

<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> 12/30/2013	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-36846
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</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>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Water Injection Well		<b>8. WELL NAME and NUMBER:</b> FEDERAL 3-29-8-18
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>9. API NUMBER:</b> 43047366600000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext	<b>9. FIELD and POOL or WILDCAT:</b> 8 MILE FLAT NORTH
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0559 FNL 1985 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 29 Township: 08.0S Range: 18.0E Meridian: S		<b>COUNTY:</b> UINTAH
		<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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/12/2013  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
	<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 OTHER: <input type="text" value="Workover MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>The above subject well had workover procedures performed (fish for tool - release packer), attached is a daily status report. Workover MIT performed on the above listed well. On 12/12/2013 the csg was pressured up to 1455 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-10167</p>		
<p><b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 09, 2014</b></p>		
<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> 12/17/2013

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: \_\_\_\_\_ Date: 12/12/2013

Test conducted by: Mike Jensen

Others present: \_\_\_\_\_

Well Name: <u>Federal 3-29-8-18</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>3-29-8-18</u> Sec: <u>29</u> T <u>8</u> N/S R <u>18</u> @/W County: <u>Duchesne</u> State: <u>Utah</u>		
Operator: <u>Newfield Exploration</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: _____ PSIG	

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

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

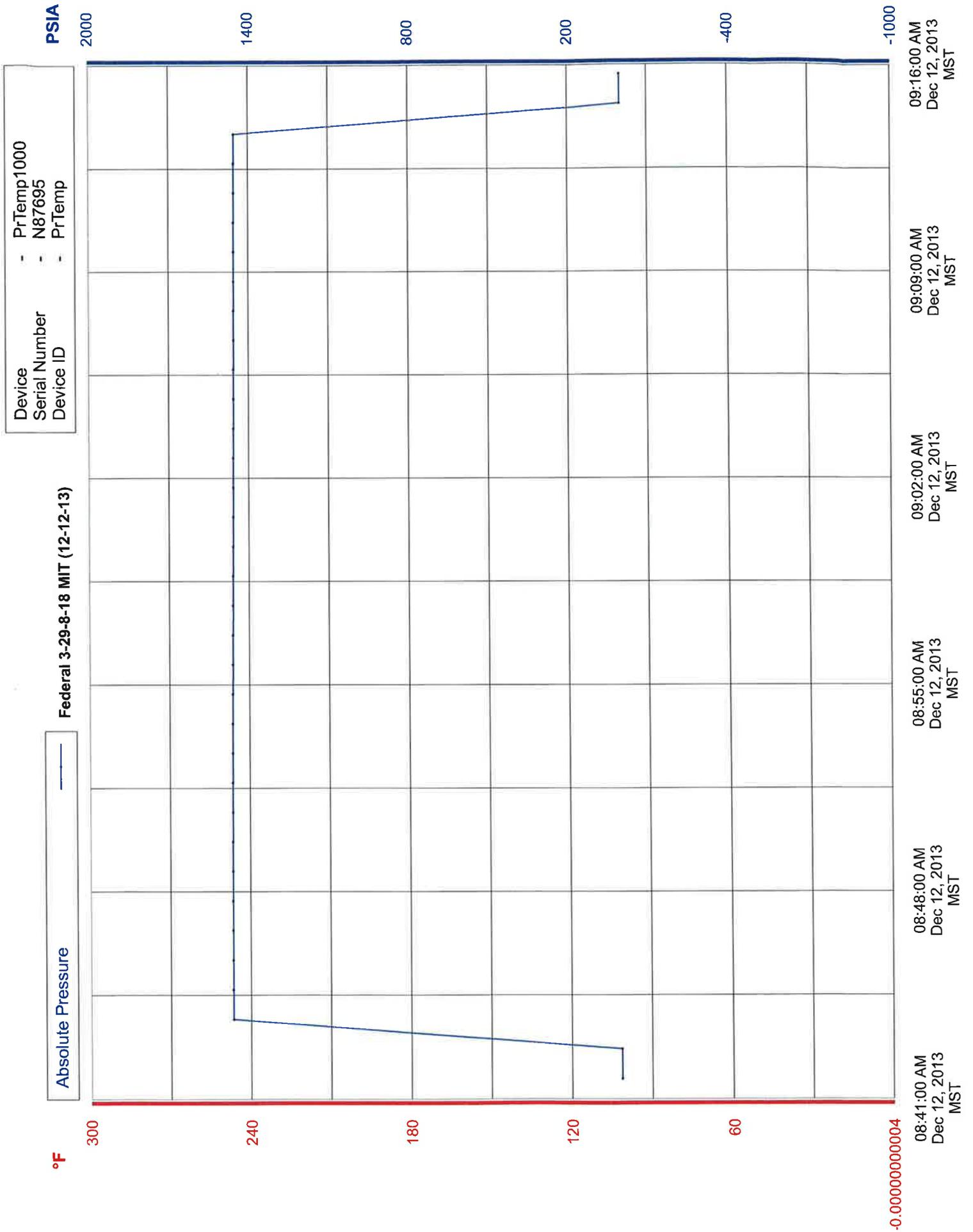
MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>0</u> psig	psig	psig
End of test pressure	<u>0</u> psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1465</u> psig	psig	psig
5 minutes	<u>1465</u> psig	psig	psig
10 minutes	<u>1465</u> psig	psig	psig
15 minutes	<u>1461</u> psig	psig	psig
20 minutes	<u>1457</u> psig	psig	psig
25 minutes	<u>1455</u> psig	psig	psig
30 minutes	<u>1455</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

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

### MECHANICAL INTEGRITY PRESSURE TEST

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

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



## Daily Activity Report

Format For Sundry

**FEDERAL 3-29-8-18**

**10/1/2013 To 2/28/2014**

**11/21/2013 Day: 1**

**Conversion**

WWS #7 on 11/21/2013 - MIRU NUWH TAC not set NU BOP ru tbg equip 4:00 tooh breaking & green doping every connection w/ 40 jts 2-7/8" J-55 tbg - 9:00 road rig from 3-22-8-17 to 3-29-8-18 wait 30 min for dead men to be pull tested pump 60 bw down csg 10:15 ru rig rd pu unseat pump flush rods w/ 40 bw seat pump psi test tbg to 3,000 psi w/ 22 bw -good test - 12:10 LD 1.5"x22'polish rod 2',4'x3/4" ponys, 235-4per 3/4, 6-1.5" wt bars, & pump flushed 1 more time w/ 30 bw 3:00 x/over to tbg equip NUWH TAC not set NU BOP ru tbg equip 4:00 tooh breaking & green doping every connection w/ 40 jts 2-7/8" J-55 tbg swi 5:30 sdfn 5:30-6:30 crew travel - 9:00 road rig from 3-22-8-17 to 3-29-8-18 wait 30 min for dead men to be pull tested pump 60 bw down csg 10:15 ru rig rd pu unseat pump flush rods w/ 40 bw seat pump psi test tbg to 3,000 psi w/ 22 bw -good test - 12:10 LD 1.5"x22'polish rod 2',4'x3/4" ponys, 235-4per 3/4, 6-1.5" wt bars, & pump flushed 1 more time w/ 30 bw 3:00 x/over to tbg equip NUWH TAC not set NU BOP ru tbg equip 4:00 tooh breaking & green doping every connection w/ 40 jts 2-7/8" J-55 tbg swi 5:30 sdfn 5:30-6:30 crew travel - 9:00 road rig from 3-22-8-17 to 3-29-8-18 wait 30 min for dead men to be pull tested pump 60 bw down csg 10:15 ru rig rd pu unseat pump flush rods w/ 40 bw seat pump psi test tbg to 3,000 psi w/ 22 bw -good test - 12:10 LD 1.5"x22'polish rod 2',4'x3/4" ponys, 235-4per 3/4, 6-1.5" wt bars, & pump flushed 1 more time w/ 30 bw 3:00 x/over to tbg equip NUWH TAC not set NU BOP ru tbg equip 4:00 tooh breaking & green doping every connection w/ 40 jts 2-7/8" J-55 tbg swi 5:30 sdfn 5:30-6:30 crew travel **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$17,277

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**11/22/2013 Day: 2**

**Conversion**

WWS #7 on 11/22/2013 - flush tbg w/ 30 bw cont tooh talling tbg breaking & green doping EA connection. TIH pkr assy - 6-7 crew travel and safety meeting 7:00 flush tbg w/ 30 bw cont tooh talling tbg breaking & green doping EA connection w/ 104 jts 2-7/8" J-55 tbg LD 46 jts 2-7/8 j-55 tbg, 5-1/2 tac, 1 jt, sn, 2 jts, nc flushed 1 more time w/ 30 bw 11:15 tih w/ 2-3/8" wl entry guide, XN nipple w/ 1.875 profile, 2-3/8" tbg sub, 2-3/8"x2-7/8" x/over, 5-1/2" AS-1X pkr, on-off tool, 2-78" sn 144 jts 2-7/8" j-55 tbg pump 20 bw drop sv psi test tbg to 3,000 psi w/ 25 bw 1:15 - 3:30 get good test had to psi up 2 more times ru & rih w/ sand line ret sv pooh & rd sand line nd bop set pkr @ 4,568' for 15,000 # tension sn @ 4562', xn nipple @ 4577', eot @ 4578' - eot 26' above top perf - land tbg w/ injection tree nuwh mix 20 gall pkr fluid w/ 60 bbls fresh water psi test csg to 1,500 psi w/ 48 bbls @ 4:30 - 5:15 lost 200 psi - psi back up swi ready to check in AM 5:30 sdfn 5:30-6:30 crew travel - 6-7 crew travel and safety meeting 7:00 flush tbg w/ 30 bw cont tooh talling tbg breaking & green doping EA connection w/ 104 jts 2-7/8" J-55 tbg LD 46 jts 2-7/8 j-55 tbg, 5-1/2 tac, 1 jt, sn, 2 jts, nc flushed 1 more time w/ 30 bw 11:15 tih w/ 2-3/8" wl entry guide, XN nipple w/ 1.875 profile, 2-3/8" tbg sub, 2-3/8"x2-7/8" x/over, 5-1/2" AS-1X pkr, on-off tool, 2-78" sn 144 jts 2-7/8" j-55 tbg pump 20 bw drop sv psi test tbg to 3,000 psi w/ 25 bw 1:15 - 3:30 get good test had to psi up 2 more times ru & rih w/ sand line ret sv pooh & rd sand line nd bop set pkr @ 4,568' for 15,000 # tension sn @ 4562', xn nipple @ 4577', eot @ 4578' - eot 26' above top perf - land tbg w/ injection tree nuwh mix 20 gall pkr fluid w/ 60 bbls fresh water psi test csg to 1,500 psi w/ 48 bbls @ 4:30 - 5:15 lost 200 psi - psi back up swi ready to check in AM 5:30 sdfn 5:30-6:30 crew travel - 6-7 crew travel and safety meeting 7:00 flush tbg w/ 30 bw cont tooh talling tbg breaking & green doping EA connection w/ 104 jts 2-7/8" J-55 tbg LD 46 jts 2-7/8 j-55 tbg, 5-1/2 tac, 1 jt, sn, 2 jts, nc flushed 1 more time w/ 30 bw 11:15 tih w/ 2-3/8"

wl entry guide, XN nipple w/ 1.875 profile, 2-3/8" tbg sub, 2-3/8"x2-7/8" x/over, 5-1/2" AS-1X pkr, on-off tool, 2-78" sn 144 jts 2-7/8" j-55 tbg pump 20 bw drop sv psi test tbg to 3,000 psi w/ 25 bw 1:15 - 3:30 get good test had to psi up 2 more times ru & rih w/ sand line ret sv pooh & rd sand line nd bop set pkr @ 4,568' for 15,000 # tension sn @ 4562', xn nipple @ 4577', eot @ 4578' - eot 26' above top perf - land tbg w/ injection tree nuwh mix 20 gall pkr fluid w/ 60 bbls fresh water psi test csg to 1,500 psi w/ 48 bbls @ 4:30 - 5:15 lost 200 psi - psi back up swi ready to check in AM 5:30 sdfn 5:30-6:30 crew travel **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$25,080

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**11/25/2013 Day: 3**

**Conversion**

Rigless on 11/25/2013 - Conduct initial MIT - Initial MIT on the above listed well. On 11/22/2013 the casing was pressured up to 1471 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 440 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10167 - Initial MIT on the above listed well. On 11/22/2013 the casing was pressured up to 1471 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 440 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10167 - Initial MIT on the above listed well. On 11/22/2013 the casing was pressured up to 1471 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 440 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10167 **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$57,292

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**12/3/2013 Day: 2**

**Conversion**

WWS #7 on 12/3/2013 - Continue to fish for tool - road rig from Q-12-9-15 to 3-29-8-18 - road rig from Q-12-9-15 to 3-29-8-18 - MIRU, rig bleed off tbg & csg, unland tbg, NU BOP, RU tbg equip, release pkr, TOO H w/ 144 jts 2-7/8" j-55 tbg, sn, on-off tool, pkr, x/over, 2-3/8" tbg sub, xn nipple, wl entry guide no gyro tools in tbg,SWI, clean up rig w/ hot oiler, ready to tih w/ tbg on Monday - MIRU, rig bleed off tbg & csg, unland tbg, NU BOP, RU tbg equip, release pkr, TOO H w/ 144 jts 2-7/8" j-55 tbg, sn, on-off tool, pkr, x/over, 2-3/8" tbg sub, xn nipple, wl entry guide no gyro tools in tbg,SWI, clean up rig w/ hot oiler, ready to tih w/ tbg on Monday - SWIFN, CREW TRAVEL - SWIFN, CREW TRAVEL - Crew travel and safety meeting - Crew travel and safety meeting - mu & tih w/ overshot w/ 1-7/16" grapple 8' tbg sub sn, 144 jts pu & rih w/ 55 more jts latch onto fish @ 6293' pump 50 bw down tbg unable to catch psi ld 5 jts tooh w/ tbg string ld bha & fish tih w/ 50 jts tbg LD 50 jts tbg 1:30 tih w 2-3/8" wl entry guide, x/n nipple, tbg sub, x/over, 5-1/2" AS-1X pkr, on-off tool, 144 jts 2-7/8" J-55 tbg, 3:00 pump 20 bw drop SV PSI test tbg to 3,000 psi w/ 20 bw - mu & tih w/ overshot w/ 1-7/16" grapple 8' tbg sub sn, 144 jts pu & rih w/ 55 more jts latch onto fish @ 6293' pump 50 bw down tbg unable to catch psi ld 5 jts tooh w/ tbg string ld bha & fish tih w/ 50 jts tbg LD 50 jts tbg 1:30 tih w 2-3/8" wl entry guide, x/n nipple, tbg sub, x/over, 5-1/2" AS-1X pkr, on-off tool, 144 jts 2-7/8" J-55 tbg, 3:00 pump 20 bw drop SV PSI test tbg to 3,000 psi w/ 20 bw - good test- bleed off psi ru & rih w/ SL ret sv pooh & rd sand line swi ready to nd bop in AM - good test- bleed off psi ru & rih w/ SL ret sv pooh & rd sand line swi ready to nd bop in AM - Crew travel - Crew travel - road rig from Q-12-9-15 to 3-29-8-18 - road rig from Q-12-9-15 to 3-29-8-18 - MIRU, rig bleed off tbg & csg, unland tbg, NU BOP, RU tbg equip, release pkr, TOO H w/ 144 jts 2-7/8" j-55 tbg, sn, on-off tool, pkr, x/over, 2-3/8" tbg sub, xn nipple, wl entry guide no gyro tools in tbg,SWI, clean up rig w/ hot oiler, ready to tih w/ tbg on Monday - MIRU, rig bleed off tbg & csg, unland tbg, NU BOP, RU tbg equip, release pkr, TOO H w/ 144 jts 2-7/8" j-55 tbg, sn, on-off tool, pkr, x/over, 2-3/8" tbg sub, xn nipple, wl entry

guide no gyro tools in tbg,SWI, clean up rig w/ hot oiler, ready to tih w/ tbg on Monday - SWIFN, CREW TRAVEL - SWIFN, CREW TRAVEL - Crew travel and safety meeting - Crew travel and safety meeting - mu & tih w/ overshot w/ 1-7/16" grapple 8' tbg sub sn, 144 jts pu & rih w/ 55 more jts latch onto fish @ 6293' pump 50 bw down tbg unable to catch psi ld 5 jts tooh w/ tbg string ld bha & fish tih w/ 50 jts tbg LD 50 jts tbg 1:30 tih w 2-3/8" wl entry guide, x/n nipple, tbg sub, x/over, 5-1/2" AS-1X pkr, on-off tool, 144 jts 2-7/8" J-55 tbg, 3:00 pump 20 bw drop SV PSI test tbg to 3,000 psi w/ 20 bw - mu & tih w/ overshot w/ 1-7/16" grapple 8' tbg sub sn, 144 jts pu & rih w/ 55 more jts latch onto fish @ 6293' pump 50 bw down tbg unable to catch psi ld 5 jts tooh w/ tbg string ld bha & fish tih w/ 50 jts tbg LD 50 jts tbg 1:30 tih w 2-3/8" wl entry guide, x/n nipple, tbg sub, x/over, 5-1/2" AS-1X pkr, on-off tool, 144 jts 2-7/8" J-55 tbg, 3:00 pump 20 bw drop SV PSI test tbg to 3,000 psi w/ 20 bw - good test- bleed off psi ru & rih w/ SL ret sv pooh & rd sand line swi ready to nd bop in AM - good test- bleed off psi ru & rih w/ SL ret sv pooh & rd sand line swi ready to nd bop in AM - Crew travel - Crew travel - road rig from Q-12-9-15 to 3-29-8-18 - road rig from Q-12-9-15 to 3-29-8-18 - MIRU, rig bleed off tbg & csg, unland tbg, NU BOP, RU tbg equip, release pkr, TOOH w/ 144 jts 2-7/8" j-55 tbg, sn, on-off tool, pkr, x/over, 2-3/8" tbg sub, xn nipple, wl entry guide no gyro tools in tbg,SWI, clean up rig w/ hot oiler, ready to tih w/ tbg on Monday - MIRU, rig bleed off tbg & csg, unland tbg, NU BOP, RU tbg equip, release pkr, TOOH w/ 144 jts 2-7/8" j-55 tbg, sn, on-off tool, pkr, x/over, 2-3/8" tbg sub, xn nipple, wl entry guide no gyro tools in tbg,SWI, clean up rig w/ hot oiler, ready to tih w/ tbg on Monday - SWIFN, CREW TRAVEL - SWIFN, CREW TRAVEL - Crew travel and safety meeting - Crew travel and safety meeting - mu & tih w/ overshot w/ 1-7/16" grapple 8' tbg sub sn, 144 jts pu & rih w/ 55 more jts latch onto fish @ 6293' pump 50 bw down tbg unable to catch psi ld 5 jts tooh w/ tbg string ld bha & fish tih w/ 50 jts tbg LD 50 jts tbg 1:30 tih w 2-3/8" wl entry guide, x/n nipple, tbg sub, x/over, 5-1/2" AS-1X pkr, on-off tool, 144 jts 2-7/8" J-55 tbg, 3:00 pump 20 bw drop SV PSI test tbg to 3,000 psi w/ 20 bw - mu & tih w/ overshot w/ 1-7/16" grapple 8' tbg sub sn, 144 jts pu & rih w/ 55 more jts latch onto fish @ 6293' pump 50 bw down tbg unable to catch psi ld 5 jts tooh w/ tbg string ld bha & fish tih w/ 50 jts tbg LD 50 jts tbg 1:30 tih w 2-3/8" wl entry guide, x/n nipple, tbg sub, x/over, 5-1/2" AS-1X pkr, on-off tool, 144 jts 2-7/8" J-55 tbg, 3:00 pump 20 bw drop SV PSI test tbg to 3,000 psi w/ 20 bw - good test- bleed off psi ru & rih w/ SL ret sv pooh & rd sand line swi ready to nd bop in AM - good test- bleed off psi ru & rih w/ SL ret sv pooh & rd sand line swi ready to nd bop in AM - Crew travel - Crew travel

**Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$19,932

**12/4/2013 Day: 3**

**Conversion**

WWS #7 on 12/4/2013 - ND BOP, set PKR, Pressure test, turn well over to injection - ND bop set pkr @ 4,568' for 15,000 # tension, sn @ 4,562', xn nipple @ 4,577', EOT @ 4,578', eot 26' above top perf land tbg w/ injection tree mix 20 gall pkr fluid w/ 70 bbls fresh water psi test csg to 1,500 psi w/ 50 bbls - good csg test RD rig - ND bop set pkr @ 4,568' for 15,000 # tension, sn @ 4,562', xn nipple @ 4,577', EOT @ 4,578', eot 26' above top perf land tbg w/ injection tree mix 20 gall pkr fluid w/ 70 bbls fresh water psi test csg to 1,500 psi w/ 50 bbls - crew travel & safety meeting - Road Rig to the C&O 1-12-9-16. - good csg test RD rig - Road Rig to the C&O 1-12-9-16. - crew travel & safety meeting - Road Rig to the C&O 1-12-9-16. - crew travel & safety meeting - ND bop set pkr @ 4,568' for 15,000 # tension, sn @ 4,562', xn nipple @ 4,577', EOT @ 4,578', eot 26' above top perf land tbg w/ injection tree mix 20 gall pkr fluid w/ 70 bbls fresh water psi test csg to 1,500 psi w/ 50 bbls - good csg test RD rig

**Daily Cost:** \$0

**Cumulative Cost:** \$23,753

**12/12/2013 Day: 4**

**Conversion**

WWS #7 on 12/12/2013 - MIRU Thaw out wellhead sicp - 1:00 road rig from 4-35-8-17 to 3-29-8-18 2:15 miru rig thaw out well head sicp 100 psi - psi csg up to 1,500 psi w 1/2 bbls wtr @ 2:40, 2:45 sicp 1,500 psi, 2:50 sicp 1,500 psi, 2:55 sicp 1,500 psi, 3:00 sicp 1,480, 3:05 sicp 1,475, 3:10 sicp 1,475 psi, 3:15 sicp 1,475, 3:20 sicp 1,475, 3:25 sicp 1,460, 3:30 sicp 1,460, 3:35 sicp 1,460, 3:40 sicp 1,460, 3:50 sicp 1,460, 4:00 sicp 1,450 lost 50 psi in 1 HR 20 MIN swi ready to check in the AM 4:00 SDFN 4:00 - 5:00 crew travel 5:00 - 6:00 safety meeting - 1:00 road rig from 4-35-8-17 to 3-29-8-18 2:15 miru rig thaw out well head sicp 100 psi - psi csg up to 1,500 psi w 1/2 bbls wtr @ 2:40, 2:45 sicp 1,500 psi, 2:50 sicp 1,500 psi, 2:55 sicp 1,500 psi, 3:00 sicp 1,480, 3:05 sicp 1,475, 3:10 sicp 1,475 psi, 3:15 sicp 1,475, 3:20 sicp 1,475, 3:25 sicp 1,460, 3:30 sicp 1,460, 3:35 sicp 1,460, 3:40 sicp 1,460, 3:50 sicp 1,460, 4:00 sicp 1,450 lost 50 psi in 1 HR 20 MIN swi ready to check in the AM 4:00 SDFN 4:00 - 5:00 crew travel 5:00 - 6:00 safety meeting - 1:00 road rig from 4-35-8-17 to 3-29-8-18 2:15 miru rig thaw out well head sicp 100 psi - psi csg up to 1,500 psi w 1/2 bbls wtr @ 2:40, 2:45 sicp 1,500 psi, 2:50 sicp 1,500 psi, 2:55 sicp 1,500 psi, 3:00 sicp 1,480, 3:05 sicp 1,475, 3:10 sicp 1,475 psi, 3:15 sicp 1,475, 3:20 sicp 1,475, 3:25 sicp 1,460, 3:30 sicp 1,460, 3:35 sicp 1,460, 3:40 sicp 1,460, 3:50 sicp 1,460, 4:00 sicp 1,450 lost 50 psi in 1 HR 20 MIN swi ready to check in the AM 4:00 SDFN 4:00 - 5:00 crew travel 5:00 - 6:00 safety meeting

**Daily Cost:** \$0

**Cumulative Cost:** \$27,025

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**12/13/2013 Day: 5**

**Conversion**

WWS #7 on 12/13/2013 - Continue - 6-7 crew travel & safety meeting 7:00 thaw out well head sicp 1,125 psi lost 475 psi in 16 HRS psi back up to 1,500 spi @ 7:00 , 8:45 perform MIT lost 12 spi in 30 min RD rig 10:30 road rig - 6-7 crew travel & safety meeting 7:00 thaw out well head sicp 1,125 psi lost 475 psi in 16 HRS psi back up to 1,500 spi @ 7:00 , 8:45 perform MIT lost 12 spi in 30 min RD rig 10:30 road rig - 6-7 crew travel & safety meeting 7:00 thaw out well head sicp 1,125 psi lost 475 psi in 16 HRS psi back up to 1,500 spi @ 7:00 , 8:45 perform MIT lost 12 spi in 30 min RD rig 10:30 road rig **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$30,222

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**12/16/2013 Day: 6**

**Conversion**

Rigless on 12/16/2013 - Conduct MIT - Workover MIT performed on the above listed well. On 12/12/2013 the csg was pressured up to 1455 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-10167 - Workover MIT performed on the above listed well. On 12/12/2013 the csg was pressured up to 1455 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-10167 - Workover MIT performed on the above listed well. On 12/12/2013 the csg was pressured up to 1455 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-10167 **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$31,122

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

# Federal 3-29-8-18

Spud Date: 11/18/06  
 Put on Production: 02/13/07  
 K.B.: 4999' G.L.: 4987'

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (303.26')  
 DEPTH LANDED: 313.26' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G", circ. 5 bbls to surf.

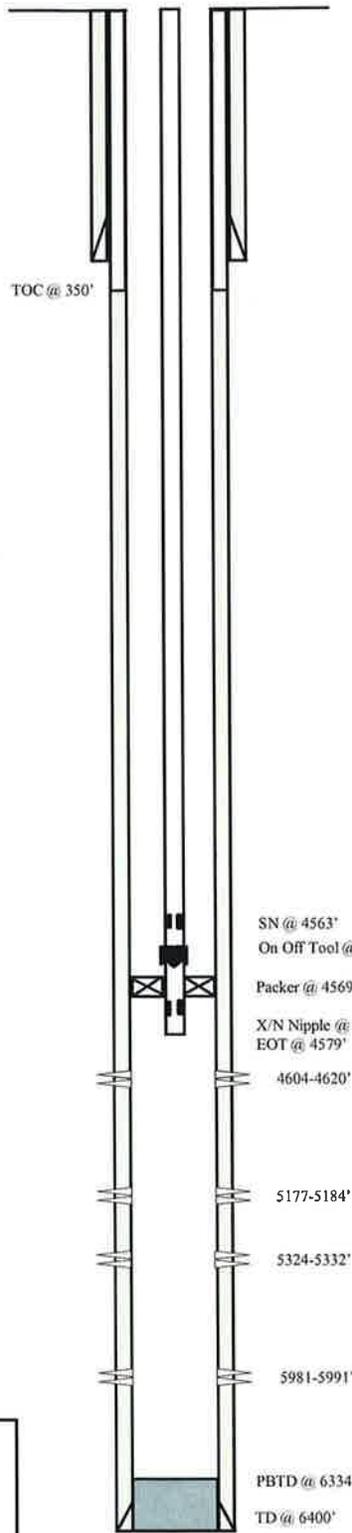
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 150 jts. (6386.95')  
 DEPTH LANDED: 6384.95'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 400 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.  
 CEMENT TOP AT: 350' per CBL 1/22/07

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 144 jts (4550.8')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4562.8' KB  
 ON/OFF TOOL AT: 4563.9'  
 ARROW #1 PACKER CE AT: 4569'  
 XO 2-3/8 x 2-7/8 J-55 AT: 4572.6'  
 TBG PUP 2-3/8 J-55 AT: 4573.1'  
 X/N NIPPLE AT: 4577.2'  
 TOTAL STRING LENGTH: BOT @ 4578.79'

### Injection Wellbore Diagram



### FRAC JOB

02/05/07 5981-5991' **Frac CPI, sands as follows:**  
 35200# 20/40 sand in 407 bbls Lightning 17 frac fluid. Treated @ avg press of 1819 psi w/avg rate of 24.5 BPM. ISIP 1640 psi. Calc flush: 5989 gal. Actual flush: 5460 gal.

02/06/07 5324-5332' **Frac B.5 sands as follows:**  
 24903# 20/40 sand in 326 bbls Lightning 17 frac fluid. Treated @ avg press of 1553 psi w/avg rate of 24.3 BPM. ISIP 1566 psi. Calc flush: 5330 gal. Actual flush: 4872 gal.

02/06/07 5177-5184' **Frac D2 sands as follows:**  
 20500# 20/40 sand in 278 bbls Lightning 17 frac fluid. Treated @ avg press of 1864 psi w/avg rate of 24.7 BPM. ISIP 1697 psi. Calc flush: 5182 gal. Actual flush: 4662 gal.

02/06/07 4604-4620' **Frac GB4 sands as follows:**  
 92271# 20/40 sand in 658 bbls Lightning 17 frac fluid. Treated @ avg press of 1541 psi w/avg rate of 24.7 BPM. ISIP 1706 psi. Calc flush: 4618 gal. Actual flush: 4492 gal.

5/18/07 **Pump change.** Update rod & tubing details.  
 8-2-07 **Pump change.** Updated rod & tubing detail.  
 11/21/13 **Convert to Injection Well**  
 11/22/13 **Conversion MIT Finalized** – update tbg detail  
 12/12/13 **Workover MIT Finalized** – Fish for Gyro tool – update tbg detail

### PERFORATION RECORD

Date	Interval	Tool	Holes
01/22/07	5981-5991'	4 JSPF	40 holes
02/05/07	5324-5332'	4 JSPF	32 holes
02/06/07	5177-5184'	4 JSPF	28 holes
02/06/07	4604-4620'	4 JSPF	64 holes



**Federal 3-29-8-18**  
 559' FNL & 1985' FWL  
 NE/NW Section 29-T8S-R18E  
 Uintah Co, Utah  
 API #43-047-36660; Lease #UTU-36846