

Form 3160-3  
(September 2001)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-65969
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Federal 10-33-8-18
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-047-35976
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NW/SE 1980' FSL 1980' FEL 594188X 40.072602 At proposed prod. zone 4436190Y - 109.895447		10. Field and Pool, or Exploratory Eight mile flat North
14. Distance in miles and direction from nearest town or post office* Approximatley 22.8 miles south of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area NW/SE Sec. 33, T8S R18E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 660' f/lse, 1980' f/unit	16. No. of Acres in lease 360.00	12. County or Parish Uintah
17. Spacing Unit dedicated to this well 40 Acres	13. State UT	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1097'	19. Proposed Depth 6500'	20. BLM/BIA Bond No. on file UTU0056
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4896.8' GL	22. Approximate date work will start* 1st Quarter 2005	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

- 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>Lana Nebeker</i>	Name (Printed/Typed) Lana Nebeker	Date 9-30-04
Title Production Clerk		
Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 10-06-04
Title ENVIRONMENTAL SCIENTIST III		

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

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

\*(Instructions on reverse)

**Federal Approval of this  
Action is Necessary**

RECEIVED  
OCT 04 2004

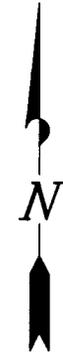
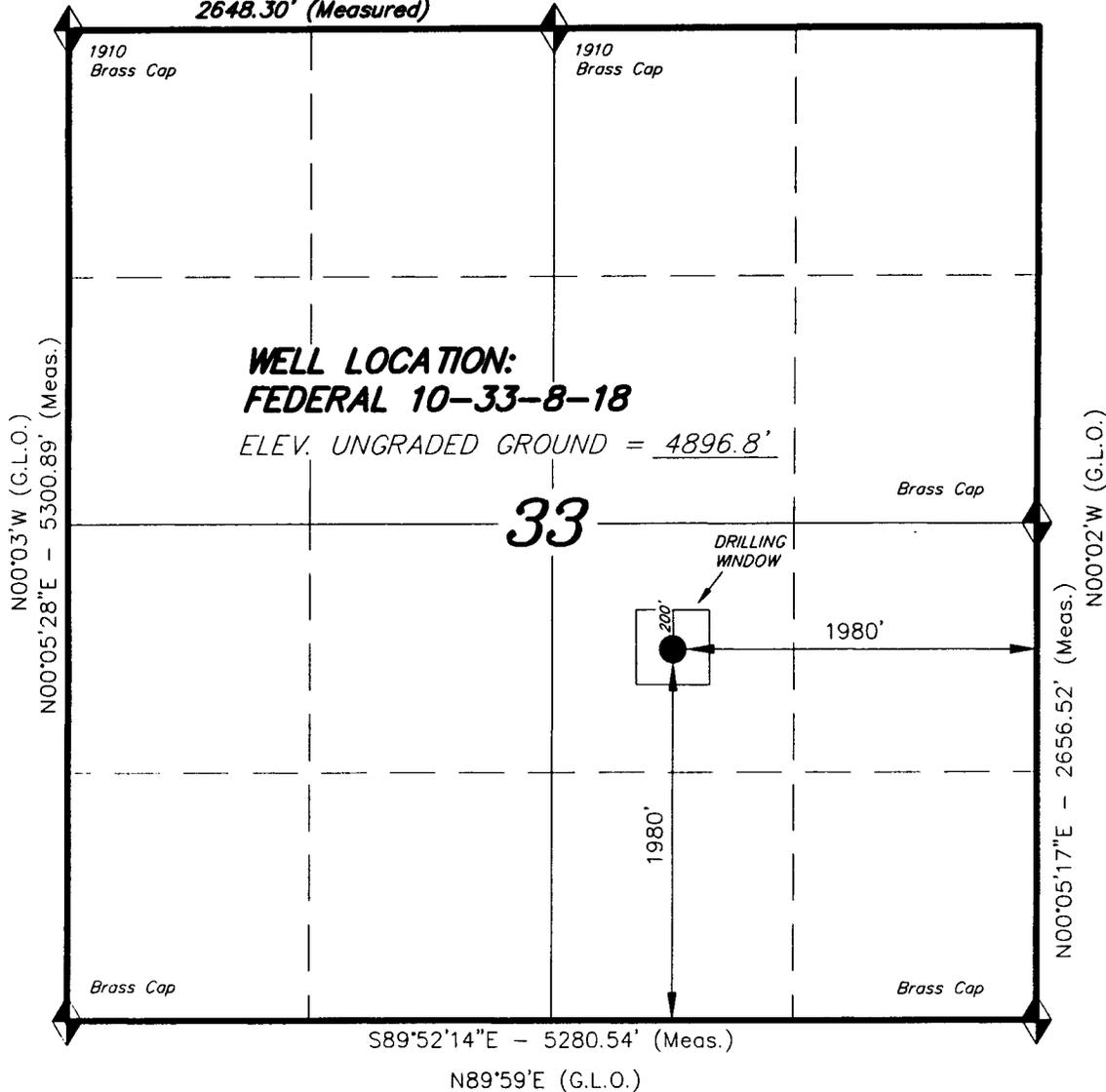
DIV. OF OIL, GAS & MINING

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

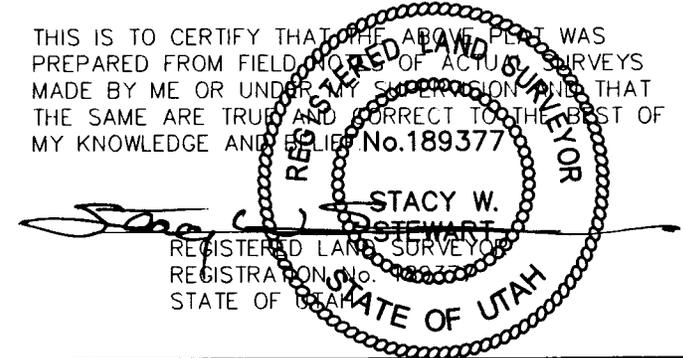
**INLAND PRODUCTION COMPANY**

S89°58'W - 80.02 (G.L.O.)  
**S89°58'W G.L.O. (Basis of Bearings)**  
**2648.30' (Measured)**

WELL LOCATION, FEDERAL 10-33-8-18,  
 LOCATED AS SHOWN IN THE NW 1/4 SE  
 1/4 OF SECTION 33, 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



◆ = SECTION CORNERS LOCATED

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

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

SCALE: 1" = 1000'	SURVEYED BY: C.M.
DATE: 8-27-04	DRAFTED BY: F.T.M.
NOTES:	FILE #

NEWFIELD



September 30, 2004

State of Utah  
Division of Oil, Gas & Mining  
Attn: Diana Whitney  
1594 West North Temple - Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill:

Federal 3-33-8-18  
Federal 4-33-8-18  
Federal 5-33-8-18  
Federal 6-33-8-18  
Federal 7-33-8-18  
Federal 9-33-8-18  
Federal 10-33-8-18 ✓  
Federal 11-33-8-18

RECEIVED  
OCT 04 2004  
DIV. OF OIL, GAS & MINING

Dear Diana:

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

Sincerely,

Lana Nebeker  
Production Clerk

enclosures

NEWFIELD PRODUCTION COMPANY  
FEDERAL 10-33-8-18  
NW/SE SECTION 33, 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' – 1640'
Green River	1500'
Wasatch	6060'

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

Green River Formation 1500' – 6060' - Oil

4. PROPOSED CASING PROGRAM

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

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY  
FEDERAL #10-33-8-18  
NW/SE SECTION 33, 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 #10-33-8-18 located in the NW 1/4 SE 1/4 Section 33, 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 - 13.8 miles  $\pm$  to it's junction with an existing dirt road to the north; proceed northerly  $\pm$  0.3 miles to it's junction with an existing road to the east; proceed northeasterly  $\pm$  7.3 miles ; proceed easterly along the existing access road 0.2 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 #03-154, 02/3/04. Paleontological Resource Survey prepared by, Wade E. Miller, 5/12/04. See attached report cover pages, Exhibit "D".

**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)

Gardners Salt Bush	Atriplex Gardner	4 lbs/acre
Mat Saltbush	Atriplex Gardneri	4lbs/acre
Crested Wheat Grass		4lbs/acre

**Details of the On-Site Inspection**

The proposed Federal #11-33-8-18 was on-sited on 5/20/04. The following were present; Brad Mecham (NewfieldProduction), David Gerbig (Newfield Production), 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**

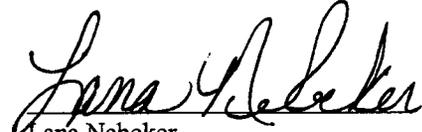
Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #10-33-8-18 NW/SE Section 33, Township 8S, Range 18E: Lease UTU-65969 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond 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.

9-30-04

Date

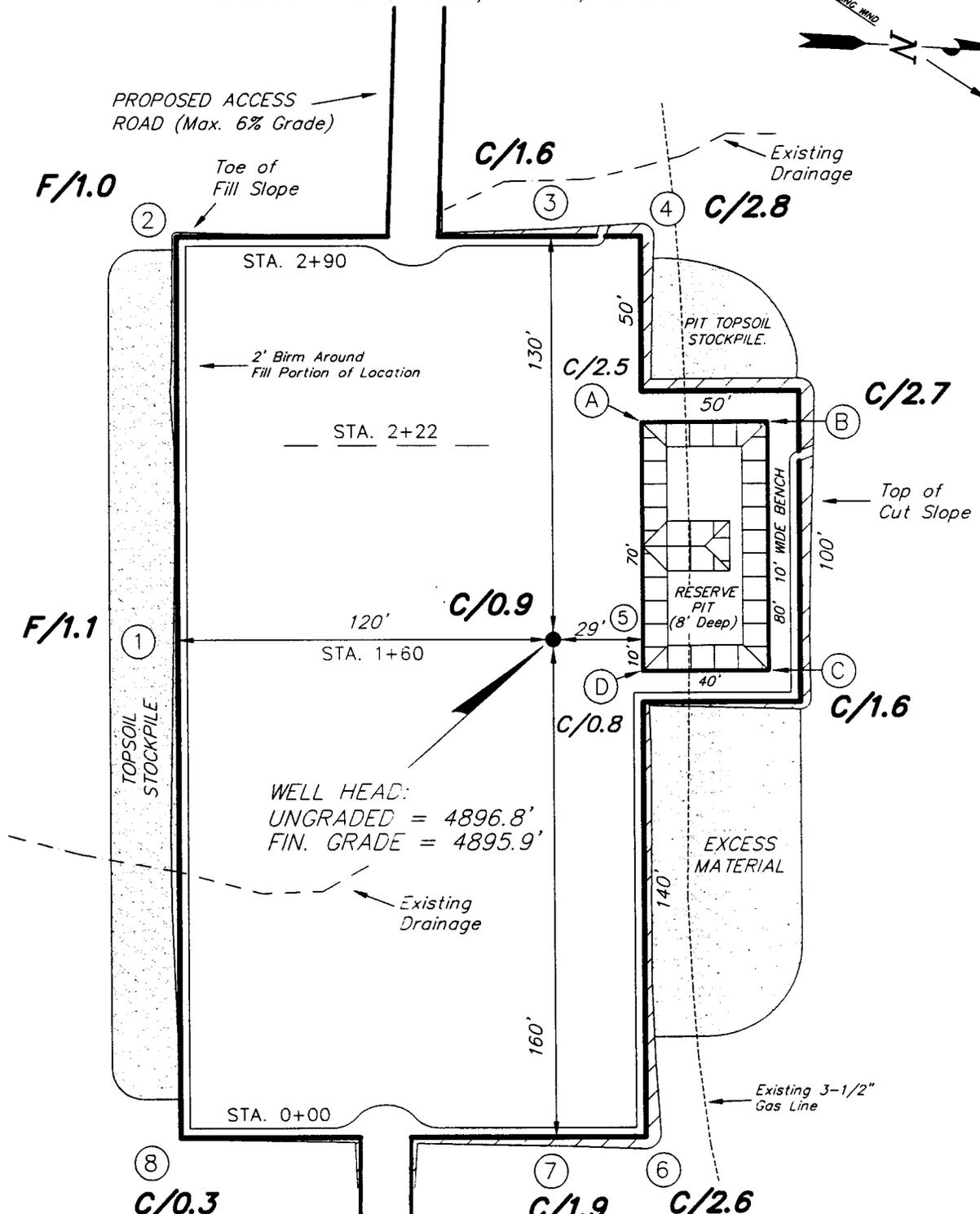
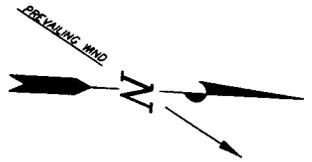


Lana Nebeker  
Production Clerk

# INLAND PRODUCTION COMPANY

**FEDERAL 10-33-8-18**

Section 33. T8S, R18E, S.L.B.&M.



WELL HEAD:  
UNGRADED = 4896.8'  
FIN. GRADE = 4895.9'

REFERENCE POINTS	
170' WESTERLY	= 4898.8'
220' WESTERLY	= 4899.6'
170' SOUTHERLY	= 4895.1'
220' SOUTHERLY	= 4894.5'

SURVEYED BY: C.M.	SCALE: 1" = 50'
DRAWN BY: F.T.M.	DATE: 8-30-04

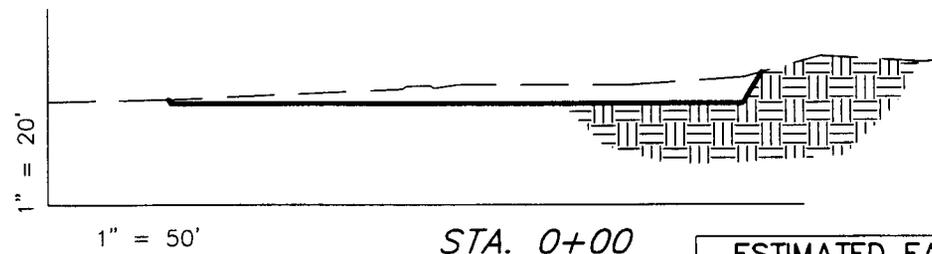
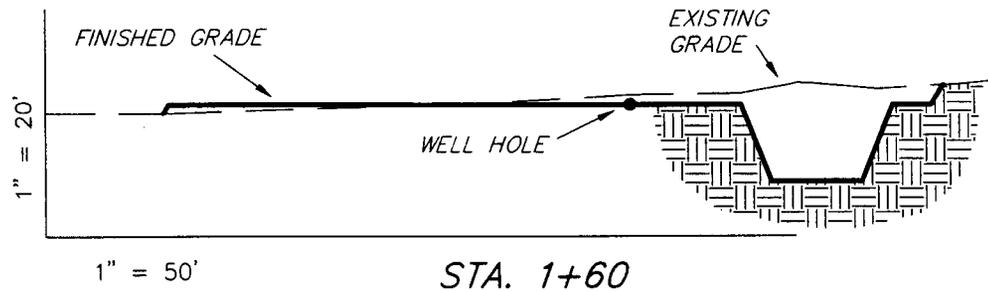
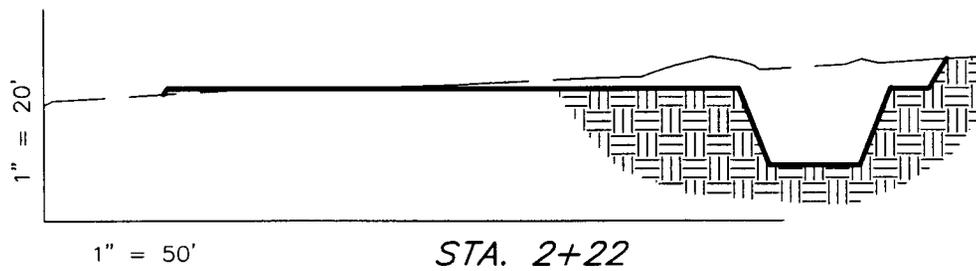
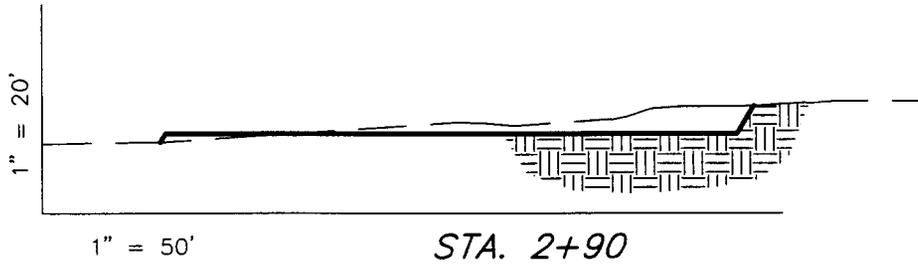
(435) 781-2501

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

# INLAND PRODUCTION COMPANY

## CROSS SECTIONS

### FEDERAL 10-33-8-18



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

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	830	830	Topsoil is not included in Pad Cut	0
PIT	640	0		640
<b>TOTALS</b>	<b>1,470</b>	<b>830</b>	<b>890</b>	<b>640</b>

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 8-30-04

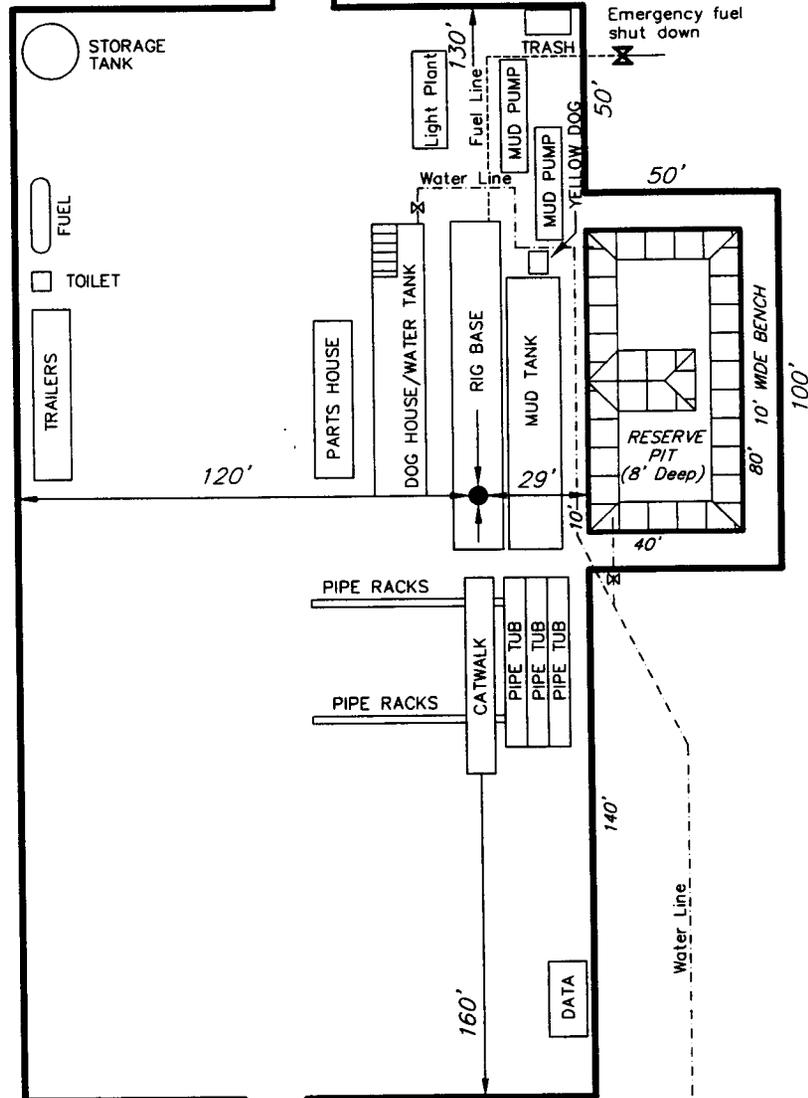
**Tri State** (435) 781-2501  
**Lan Surveying, Inc.**  
NORTH VERNAL AVE. VERNAL, UTAH 84078

# INLAND PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

### FEDERAL 10-33-8-18

PROPOSED ACCESS ROAD (Max. 6% Grade)



PROPOSED ROAD FOR THE FEDERAL 9-33-8-18

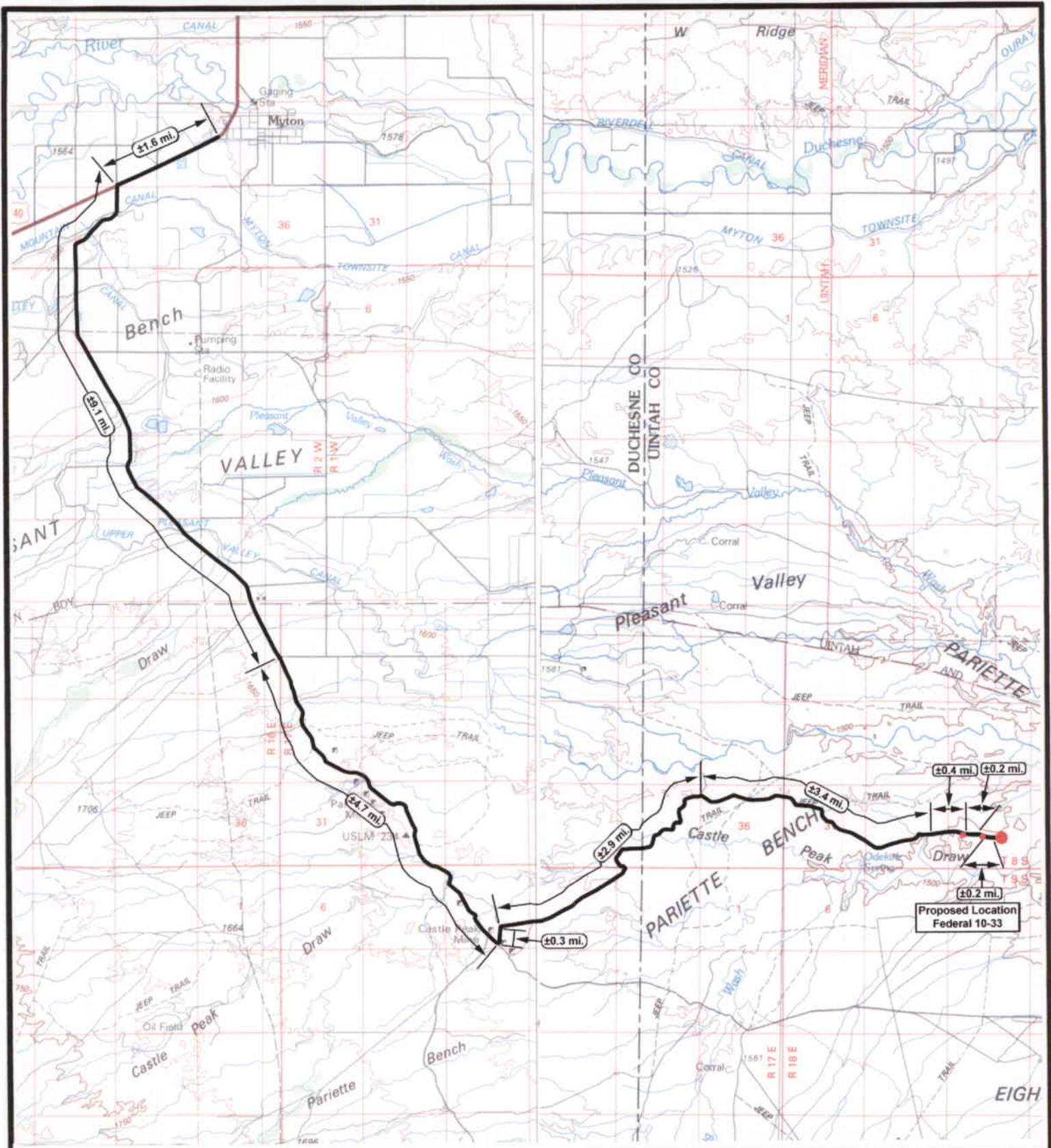
SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 8-30-04

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



**Federal 10-33-8-18  
SEC. 33, T8S, R18E, S.L.B.&M.**



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

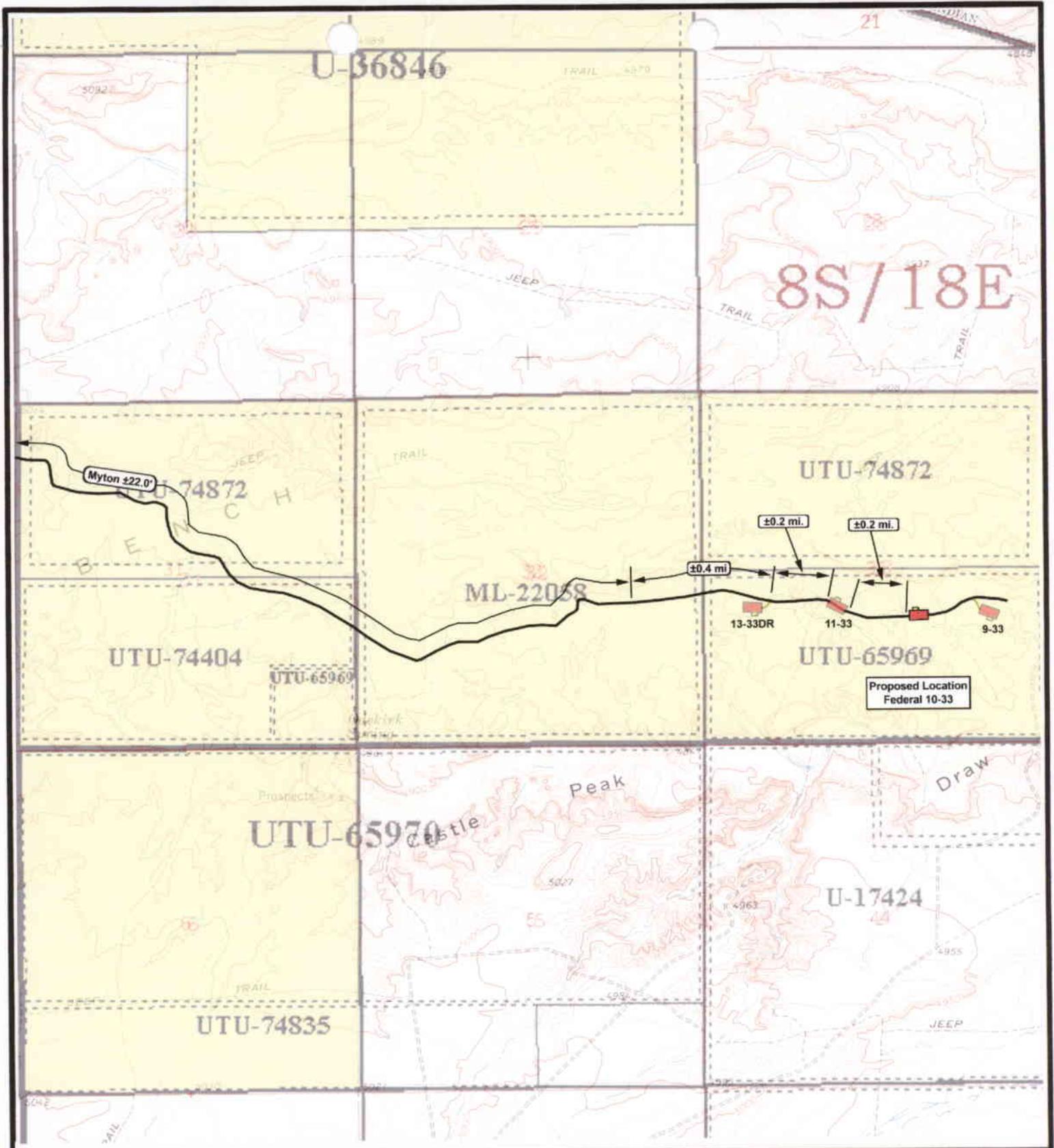
SCALE: 1" = 100,000'  
DRAWN BY: bgm  
DATE: 08-31-2004

**Legend**

Existing Road

TOPOGRAPHIC MAP

**"A"**



**Federal 10-33-8-18  
SEC. 33, T8S, R18E, S.L.B.&M.**



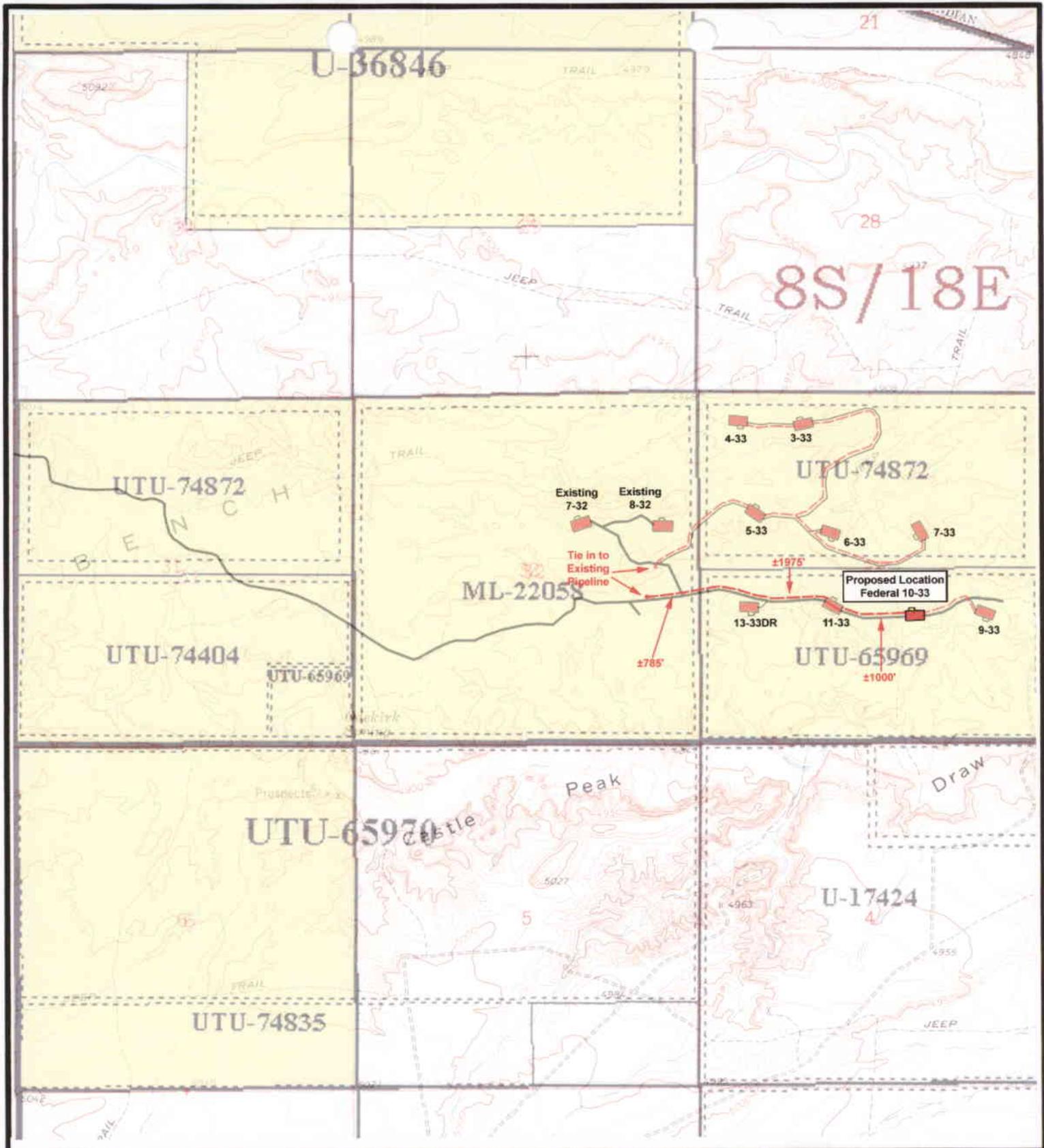
**Tri-State  
Land Surveying Inc.**  
(435) 781-2501  
38 West 100 North Vernal, Utah 84078

SCALE: 1" = 2000'  
DRAWN BY: bgm  
DATE: 08-31-2004

**Legend**

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP  
**"B"**



**Federal 10-33-8-18  
SEC. 33, T8S, R18E, S.L.B.&M.**

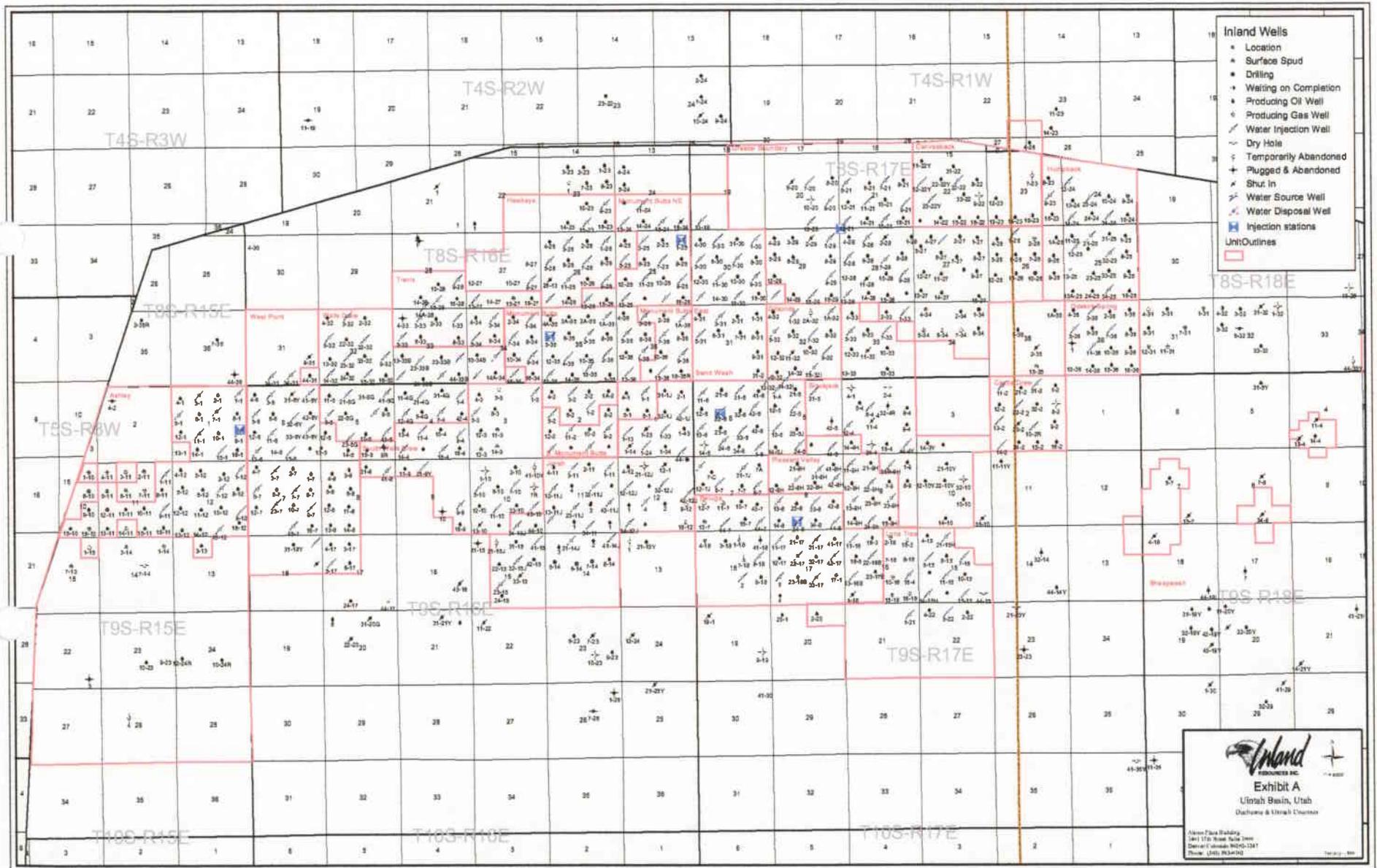


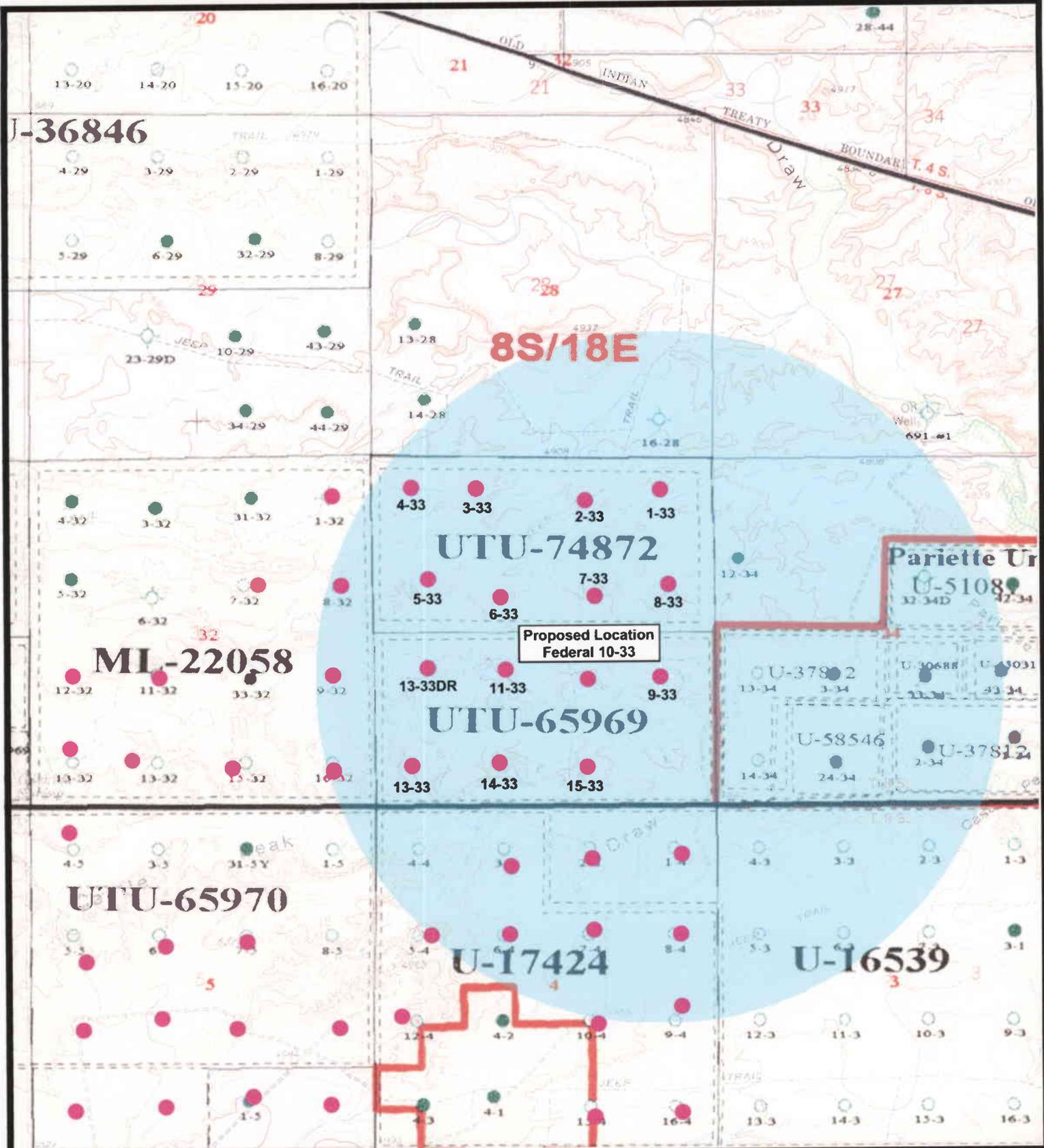
**Tri-State  
Land Surveying Inc.**  
(435) 781-2501  
38 West 100 North Vernal, Utah 84078

SCALE: 1" = 2000'  
DRAWN BY: bgm  
DATE: 09-09-2004

Legend	
	Existing Road
	Proposed Access
	Proposed Gas Line
	Proposed Water Line

TOPOGRAPHIC MAP  
**"C"**





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

**Legend**

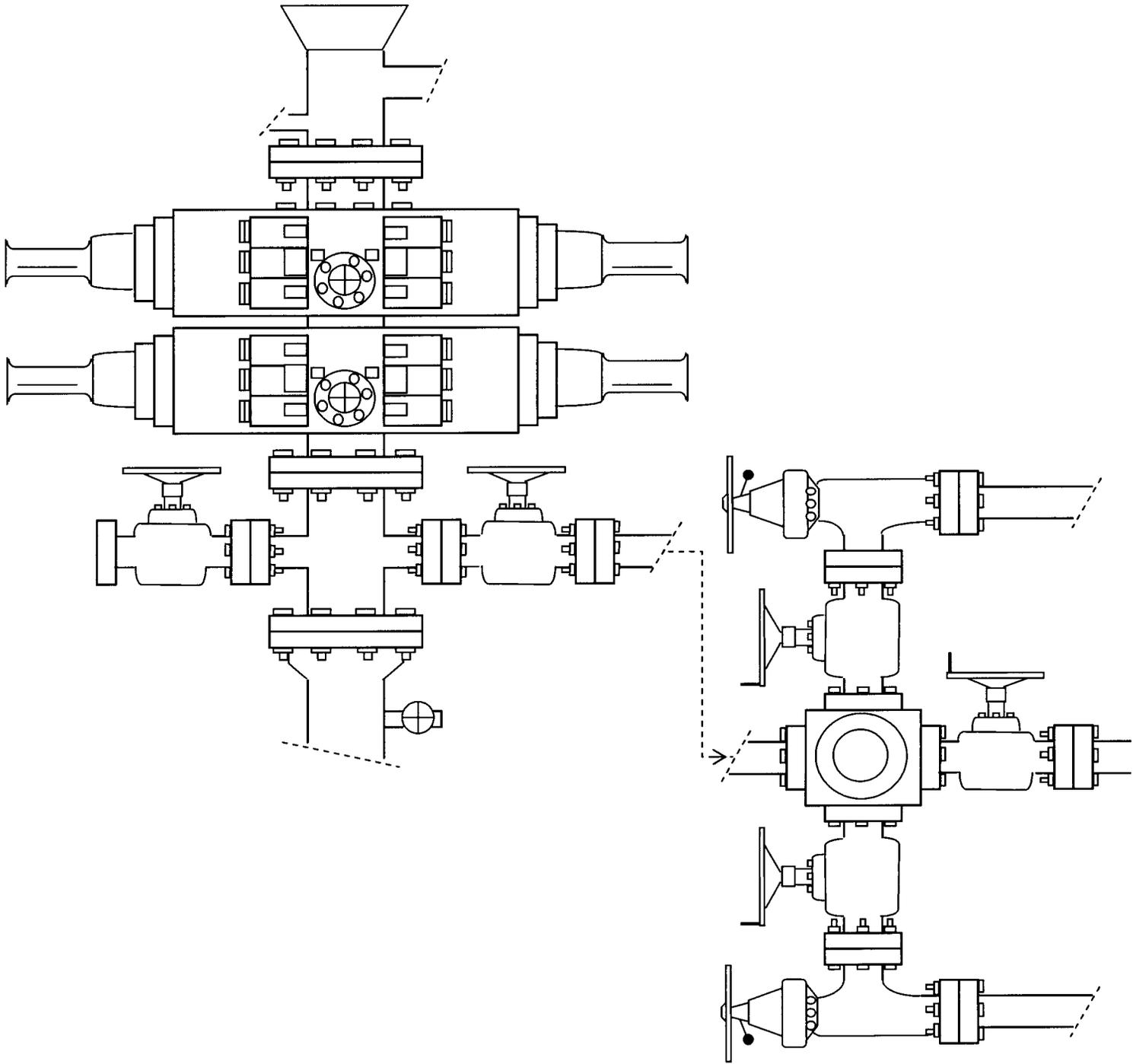
- Well Locations
- One-Mile Radius

**Federal 10-33-8-18**  
**SEC. 33, T8S, R18E, S.L.B.&M.**

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

**Exhibit "B"**

**2-M SYSTEM**  
Blowout Prevention Equipment Systems



**EXHIBIT C**

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

BY:

Katie Simon  
and  
Keith R. Montgomery

Prepared For:

Bureau of Land Management  
Vernal Field Office

Prepared Under Contract With:

Inland Production  
Route 3, Box 3630  
Myton, UT 84052

Prepared By:

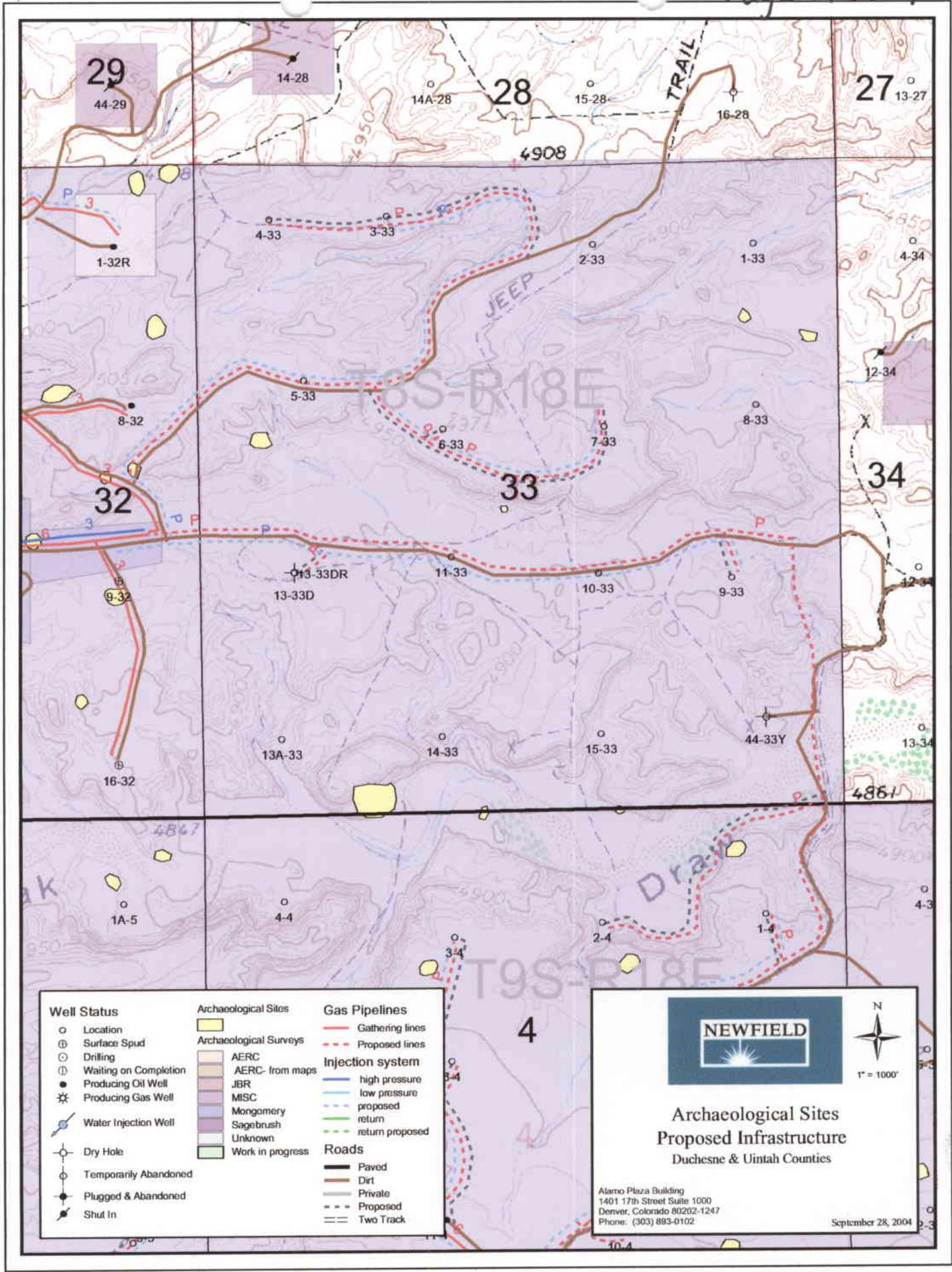
Montgomery Archaeological Consultants  
P.O. Box 147  
Moab, Utah 84532

MOAC Report No. 03-154

February 3, 2004

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

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



Well Status	Archaeological Sites	Gas Pipelines
○ Location	Yellow square	Red line Gathering lines
⊕ Surface Spud	Archaeological Surveys	Red dashed line Proposed lines
⊙ Drilling	AERC	Blue line high pressure
⊖ Waiting on Completion	AERC from maps	Blue dashed line low pressure
● Producing Oil Well	JBR	Blue dotted line proposed
⊙ Producing Gas Well	MISC	Blue dash-dot line return
⊕ Water Injection Well	Mongomery	Blue long-dash line return proposed
⊖ Dry Hole	Sagebrush	Black line Paved
⊖ Temporarily Abandoned	Unknown	Brown line Dirt
⊖ Plugged & Abandoned	Work in progress	Grey line Private
⊖ Shut In		Black dashed line Proposed
		Black double line 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

September 28, 2004

**INLAND RESOURCES, INC.**

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

(Section 33, T 8 S, R 18 E; & Section 6, T 9 S, R 19 E)

**REPORT OF SURVEY**

Prepared for:

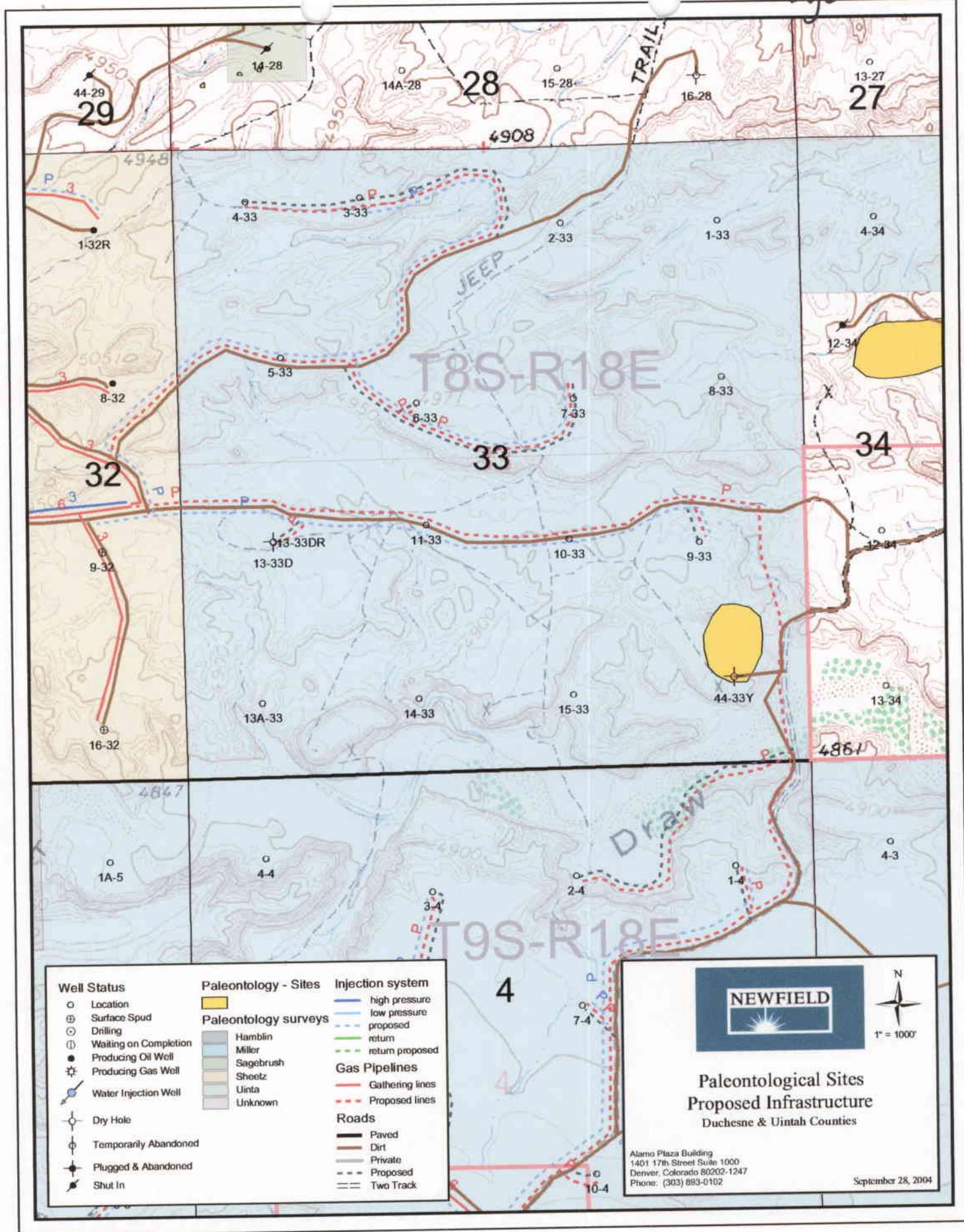
**Inland Resources, Inc.**

Prepared by:

Wade E. Miller

Consulting Paleontologist

May 12, 2004



Well Status	Paleontology - Sites	Injection system
○ Location	Yellow box	Blue line: high pressure
⊕ Surface Spud	Orange box	Light blue line: low pressure
⊙ Drilling	Green box	Red dashed line: proposed
⊖ Waiting on Completion	Grey box	Green dashed line: return
● Producing Oil Well	Light blue box	Green dashed line: return proposed
⊙ Producing Gas Well	Light green box	Red solid line: Gathering lines
⊕ Water Injection Well	Light yellow box	Red dashed line: Proposed lines
⊖ Dry Hole	Light grey box	
⊕ Temporarily Abandoned	Light grey box	
⊖ Plugged & Abandoned	Light grey box	
⊖ Shut In	Light grey box	
		<b>Gas Pipelines</b>
		Red solid line: Gathering lines
		Red dashed line: Proposed lines
		<b>Roads</b>
		Thick black line: Paved
		Thin black line: Dirt
		Thin grey line: Private
		Dashed black line: Proposed
		Double black line: Two Track



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

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

September 28, 2004

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/04/2004

API NO. ASSIGNED: 43-047-35976

WELL NAME: FEDERAL 10-33-8-18

OPERATOR: NEWFIELD PRODUCTION ( N2695 )

CONTACT: LANA NEBEKER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWSE 33 080S 180E  
SURFACE: 1980 FSL 1980 FEL  
BOTTOM: 1980 FSL 1980 FEL  
UINTAH  
8 MILE FLAT NORTH ( 590 )

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

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-65969

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

LATITUDE: 40.07260

LONGITUDE: -109.8955

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UTU0056 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. MUNICIPAL )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

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

COMMENTS:

*Sop, Separate file*

STIPULATIONS:

- 1- Federal Approval*
- 2- Spacing Slip*



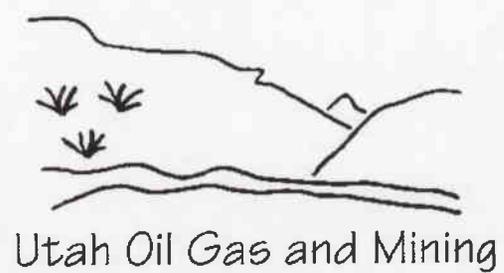
**OPERATOR: NEWFIELD PROD CO (N2695)**

**SEC. 33 T.8S R.18E**

**FIELD: EIGHT MILE NORTH FLAT (590)**

**COUNTY: UINTAH**

**SPACING: R649-3-2 / GENERAL SITING**



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: 5-OCTOBER-2004



State of Utah

Department of  
Natural Resources

ROBERT L. MORGAN  
*Executive Director*

Division of  
Oil, Gas & Mining

LOWELL P. BRAXTON  
*Division Director*

OLENE S. WALKER  
*Governor*

GAYLE F. McKEACHNIE  
*Lieutenant Governor*

October 6, 2004

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

Re: Federal 10-33-8-18 Well, 1980' FSL, 1980' FEL, NW SE, Sec. 33, 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 43-047-35976.

Sincerely,

John R. Baza  
Associate Director

pab  
Enclosures

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

**Operator:** Newfield Production Company  
**Well Name & Number** Federal 10-33-8-18  
**API Number:** 43-047-35976  
**Lease:** UTU-65969

**Location:** NW SE                      **Sec.** 33                      **T.** 8 South                      **R.** 18 East

### Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

FORM 3160-5  
(June 1990)

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-65969**

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

**SUBMIT IN TRIPLICATE**

7. If Unit or CA, Agreement Designation  
**SUNDANCE**

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
**FEDERAL 10-33-8-18**

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

9. API Well No.  
**43-047-35976**

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

10. Field and Pool or Exploratory Area  
**8 MILE FLAT NORTH**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**1980 FSL 1980 FEL NW/SE Section 33, T8S R18E**

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

12. CHECK APPROPRIATE BOX(es) 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 <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

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 other pertinent to this work.)

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 10/6/04 (expiration 10/6/05).

This APD has not been approved yet by the BLM.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 10-12-05  
By: [Signature]

RECEIVED  
OCT 11 2005

DIV. OF OIL, GAS & MINING

OPERATOR  
10-20-05  
[Signature]

14. I hereby certify that the foregoing is true and correct  
Signed Mandle Crozier Title Regulatory Specialist Date 10/11/2005

CC: UTAH DOGM

(This space for Federal or State office use)

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

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001 makes 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.



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

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

**API:** 43-047-35976  
**Well Name:** Federal 10-33-8-18  
**Location:** NW/SE Section 33, T8S R18E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 10/6/2004

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

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

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

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

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

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

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

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

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

*Monica Cuzin*  
Signature

10/10/2005  
Date

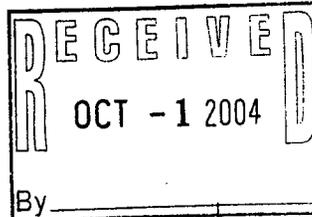
**Title:** Regulatory Specialist

**Representing:** Newfield Production Company

RECEIVED

OCT 11 2005

DIV. OF OIL, GAS & MINING



Form 3160-3  
(September 2001)

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-65969
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Federal 10-33-8-18
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43047.35976
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SE 1980' FSL 1980' FEL At proposed prod. zone		10. Field and Pool, or Exploratory
14. Distance in miles and direction from nearest town or post office* Approximatley 22.8 miles south of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area NW/SE Sec. 33, T8S R18E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 660' f/lse, 1980' f/unit	16. No. of Acres in lease 360.00	17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1097'	19. Proposed Depth 6500'	20. BLM/BIA Bond No. on file <del>UT 10056</del> UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4896.8' GL	22. Approximate date work will start* 1st Quarter 2005	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Lana Nebeker	Date 9-30-04
Title Production Clerk		
Approved by (Signature) 	Name (Printed/Typed)	Date 12/09/2005
Title Assistant Field Manager Mineral Resources	Office	

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

**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

DEC 2 0 2005

DIV. OF OIL, GAS & MINING

UD0014



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 Co. Location: NWSE, Sec 33, T8S, R18E  
Well No: Federal 10-33-8-18 Lease No: UTU-65969  
API No: 43-047-35976 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	
After Hours Contact Number:	435-781-4513	Fax: 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.

**NOTIFICATION REQUIREMENTS**

- |  |   |  |
|--|---|--|
| Location Construction<br>(Notify Melissa Hawk) | - | Forty-Eight (48) hours prior to construction of location and access roads.   |
| Location Completion<br>(Notify Melissa Hawk)   | - | Prior to moving on the drilling rig.   |
| Spud Notice<br>(Notify PE)                     | - | Twenty-Four (24) hours prior to spudding the well.   |
| Casing String & Cementing<br>(Notify SPT)      | - | Twenty-Four (24) hours prior to running casing and cementing all casing strings.   |
| BOP & Related Equipment Tests<br>(Notify SPT)  | - | Twenty-Four (24) hours prior to initiating pressure tests.   |
| First Production Notice<br>(Notify PE)         | - | 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)***

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.

A certified paleontologist shall monitor the construction of the access road and well location. A report of all mitigation-curation of vertebrate and other scientifically important fossils shall be made to the Vernal Field Office Paleontology specialist.

Due to the presence of Sclerocactus habitat in this area, a survey shall be conducted by a qualified botanist prior to construction to determine if Sclerocactus are present. If cactus plants are located in the areas proposed for disturbance, changes will need to be made to avoid cactus plants.

4 to 6 inches of topsoil shall be stripped from the locations and placed as shown on the cut sheet. The topsoil shall be respread over the entire location as soon as completion operations have been finished and recontouring is complete. At this point the production equipment can be set. The areas of the location not needed for production operations, including the reserve pits, shall be seeded with crested wheatgrass (variety Hycrest) at a rate of 12 lbs per acre. The 12 lb/acre rate is considering pure live seed. The interim seeding shall be done by either drilling the seed or by broadcasting the seed and dragging it with a spike tooth harrow.

The pipeline trench for the gas lines shall be dug in the borrow ditch of the road and the trench material side cast into the existing vegetation. When backfilling the trenches, care shall be taken to disturb as little of the vegetation as possible and thus allowing the existing plants to reestablish on their own, however, this area shall also be seeded with crested wheatgrass at the 12 lb/acre rate to ensure vegetation establishment and to keep invasive weeds to a minimum. All seeding of the pipelines shall be completed using a seed drill.

No pipeline construction will be allowed outside of an already disturbed area when soils are muddy and rutting of soils becomes apparent from the use of vehicles. If rutting occurs, operations must cease until soils are dry or frozen.

### **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) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.

All BOPE components will 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 must be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test must be reported in the driller's log.

BOP drills must 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 will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.

6. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will 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 must be obtained and notification given before resumption of operations.
7. Chronologic drilling progress reports must 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 must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must 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, will 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 must 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) will 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, will 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) will be submitted only when requested by the BLM, Vernal Field Office.

**Please submit an electronic copy of all logs run on this well in LAS format to [UT\\_VN\\_Wellogs@BLM.gov](mailto:UT_VN_Wellogs@BLM.gov). This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF other).**

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

6. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will 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 must be obtained and notification given before resumption of operations.
7. Chronologic drilling progress reports must 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.

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9. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will 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 will 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 will 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 will 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, will 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 10-33-8-18

Api No: 43-047-35976 Lease Type: FEDERAL

Section 33 Township 08S Range 18E County UINTAH

Drilling Contractor ROSS DRILLING RIG # 24

### **SPUDDED:**

Date 01/10/06

Time 2:00 PM

How DRY

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

Reported by TROY

Telephone # 1-435-823-6013

Date 01/11/2006 Signed CHD

RECEIVED

JAN 20 2006

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

DIV. OF OIL, GAS & MINING

OPERATOR: NEWFIELD PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3630  
MIYTON, UT 84082

OPERATOR ACCT. NO. 12696

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	12308	43-013- <del>43443</del> 32443	SANDWASH FEDERAL 14-31-8-17	NESW	31	8S	17E	DUCHESNE	01/07/06	1/26/06

WELL COMMENTS: *GRRU - K*

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	14844	43-047-35976	FEDERAL 10-33-8-18	NWSE	33	8S	18E	UINTAH	01/10/06	1/26/06

WELL COMMENTS: *GRRU Sundance Unit - J*

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	11880	43-013-32638	BELUGA FEDERAL 16-17-9-17	SESE	17	9S	17E	DUCHESNE	01/13/06	1/26/06

WELL COMMENTS: *GRRU - J*

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	12391	43-013-32797	GREATER BOUNDARY 5-3-9-17	SNNW	3	9S	17E	DUCHESNE	01/16/06	1/26/06

WELL COMMENTS: *GRRU - J*

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	14844	43-047-35768	FEDERAL 1-9-8-18	NENE	9	9S	18E	UINTAH	01/18/06	1/26/06

WELL COMMENTS: *GRRU Sundance Unit - J*

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	14844	43-047-36048	FEDERAL 2-0-9-18	NWNE	9	9S	18E	UINTAH	01/19/06	1/26/06

WELL COMMENTS: *Sundance Unit - J*

- ACTION CODES - See instructions on back of form
- 1. Establish new entity for new well (single well only)
  - 2. Add new well to existing entity (group or joint well)
  - 3. Re-assign well from one existing entity to another existing entity
  - 4. Re-assign well from one existing entity to a new entity
  - 5. Other (explain in comments section)

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

*Kim Kettle*  
Signature

Production Clerk  
Title

January 26, 2006  
Date

01/20/2006 14:01 4356463031 INLAND PAGE 02

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

5. Lease Serial No.  
UTU65965

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
FEDERAL 10-33-8-18

9. API Well No.  
4304735976

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State  
Uintah, UT

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
Newfield Production Company

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1980 FSL 1980 FEL  
NW/SE Section 33 T8S R18E

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

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

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

On 1/10/2006 MIRU Ross Rig #24. Spud well @ 2:00 PM. Drill 325' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 324.66' KB On 1/13/2006 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 3.5 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Floyd Mitchell	Title Drilling Supervisor
Signature <i>Floyd Mitchell</i>	Date 01/20/2006

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

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

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

(Instructions on reverse)

JAN 24 2006

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 324.66

LAST CASING 8 5/8" set @ 324.66  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 325' LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company  
 WELL Federal 10-33-8-18  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Ross Rig # 24

LOG OF CASING STRING:								
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH	
		Shoe Joint 43.87'						
		WHI - 92 csg head			8rd	A	0.95	
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	312.81	
		<b>GUIDE</b> shoe			8rd	A	0.9	
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			314.66	
TOTAL LENGTH OF STRING		314.66	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>324.66</b>	
TOTAL		312.81	7	} COMPARE				
TOTAL CSG. DEL. (W/O THRDS)		312.81	7					
TIMING		1ST STAGE						
BEGIN RUN CSG.		Spud	1/10/2006	2:00 PM	GOOD CIRC THRU JOB			YES
CSG. IN HOLE		1/11/2006	2:00 PM	Bbls CMT CIRC TO SURFACE			3.5	
BEGIN CIRC		1/13/2006	1:13 PM	RECIPROCATED PIPE FOR			N/A	
BEGIN PUMP CMT		1/13/2006	1:19 PM					
BEGIN DSPL. CMT		1/13/2006	1:26 PM	BUMPED PLUG TO			444 PSI	
PLUG DOWN		1/13/2006	1:33 PM					
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 Troy Zufelt DATE 1/13/2006

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

1. Type of Well  
 Oil Well    Gas Well    Other

2. Name of Operator  
 NEWFIELD PRODUCTION COMPANY

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 1980 FSL 1980 FEL  
 NW/SE   Section 33 T8S R18E

5. Lease Serial No.  
 UTU65965

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
 FEDERAL 10-33-8-18

9. API Well No.  
 4304735976

10. Field and Pool, or Exploratory Area  
 Monument Butte

11. County or Parish, State  
 Uintah, UT

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

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

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

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

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

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

I hereby certify that the foregoing is true and correct	
Name (Printed/Typed) Mandie Crozier	Title Regulatory Specialist
Signature <i>Mandie Crozier</i>	Date 03/03/2006

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

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

File 18 U.S.C. Section 1701 and Title 43 U.S.C. Section 1212, in whole or in part, for any person knowingly or willfully to make a copy, department or agency of the United States, any State, Territory or Possession, or the District of Columbia, or any other political jurisdiction.

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

5. Lease Serial No.  
UTU65965

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
FEDERAL 10-33-8-18

9. API Well No.  
4304735976

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State  
Uintah, UT

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1980 FSL 1980 FEL  
NW/SE Section 33 T8S R18E

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

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

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

On 2/2/2006 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 6,080'. 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, 142 jt's of 5.5 J-55, 15.5# csgn. Set @ 6078.09' / KB. Cement with 355 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. With all spacers returned to pit. Nipple down Bop's. Drop slips @ 105,000 #'s tension. Release rig 7:30 am on 2/6/2006.

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Floyd Mitchell	Title Drilling Supervisor
Signature <i>Floyd Mitchell</i>	Date 02/08/2006

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

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

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

(Instructions on reverse)

**RECEIVED**

**FEB 16 2006**

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6078.09

Fit cllr @ 6038.12

LAST CASING 8 5/8" Set @ 327.09

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Federal 10-33-8-18

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE \_\_\_\_\_

CONTRACTOR & RIG # Patterson- Rig # 155

TD DRILLER 6080' Loggers TD 6083'

HOLE SIZE 7 7/8"

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
	<b>SHJT</b>	5.89 @ 4207.70					
<b>142</b>	<b>5 1/2"</b>	ETC LT & C casing	<b>15.5#</b>	<b>J-55</b>	<b>8rd</b>	<b>A</b>	6024.12
		Float collar					0.6
<b>1</b>	<b>5 1/2"</b>	ETC LT&C csg	<b>15.5#</b>	<b>J-55</b>	<b>8rd</b>	<b>A</b>	40.72
		<b>GUIDE</b> shoe			<b>8rd</b>	<b>A</b>	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6080.09
TOTAL LENGTH OF STRING		6080.09	143	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		171.84	4	CASING SET DEPTH			<b>6078.09</b>
TOTAL		<b>6236.68</b>	147	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6236.68	147				
TIMING		1ST STAGE	2nd STAGE	GOOD CIRC THRU JOB <u>Yes</u>			
BEGIN RUN CSG.		2/6/2006	10:00 AM	Bbls CMT CIRC TO SURFACE <u>0, Spacers to pit</u>			
CSG. IN HOLE		2/6/2006	12:30 PM	RECIPROCATED PIPE FOR <u>THRUSTROKE</u>			
BEGIN CIRC		2/6/2006	12:30 PM	DID BACK PRES. VALVE HOLD ? <u>yes</u>			
BEGIN PUMP CMT		2/6/2006	1:40 PM	BUMPED PLUG TO <u>2360</u> PSI			
BEGIN DSPL. CMT		2/6/2006	14:37				
PLUG DOWN		2/6/2006	<b>3:04 PM</b>				
CEMENT USED		2006 CEMENT COMPANY- <b>B. J.</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
<b>1</b>	<b>355</b>	Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
<b>2</b>	<b>450</b>	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Don Bastian

DATE 2/6/2006

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

<b>SUBMIT IN TRIPLICATE - Other Instructions on reverse side</b>		5. Lease Serial No. UTU65965
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name.
2. Name of Operator NEWFIELD PRODUCTION COMPANY		7. If Unit or CA Agreement, Name and/or No. SUNDANCE UNIT
3a. Address Route 3 Box 3630 Myton, UT 84052		8. Well Name and No. FEDERAL 10-33-8-18
3b. Phone No. (include area code) 435.646.3721		9. API Well No. 4304735976
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980 FSL 1980 FEL NW/SE Section 33 T8S R18E		10. Field and Pool, or Exploratory Area Monument Butte
		11. County or Parish, State Uintah, UT

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

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

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

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

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

3-16-06  
CWO

I hereby certify that the foregoing is true and correct Name (Printed Typed) Mandie Crozier	Title Regulatory Specialist
Signature <i>Mandie Crozier</i>	Date 03/03/2006

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

Approved by _____	Title <b>Accepted by the Utah Division of Oil, Gas and Mining</b>	Federal Approval Of This Action Is Necessary
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly to provide false information to the Department of the Interior, Bureau of Land Management, or its representatives, including any contractor with its subcontractors.

Date: 3/10/06  
By: *[Signature]*

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.  
UTU65965

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
FEDERAL 10-33-8-18

9. API Well No.  
4304735976

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State  
Uintah, UT

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1980 FSL 1980 FEL  
NW/SE Section 33 T8S R18E

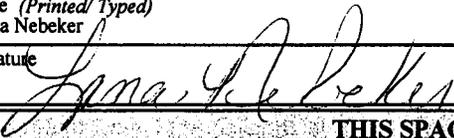
**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

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

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

Status report for time period 02/21/06 - 03/02/06

Subject well had completion procedures initiated in the Green River formation on 02-21-06 without the use of a service rig over the well. A cement bond log was run and a total of four Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5825'-5830'); Stage #2 (5762'-5768'),(5714'-5721') Stage #3 (5120'-5135'); Stage #4 (4986'-4993'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 02-28-2006. Bridge plugs were drilled out and well was cleaned to 6036'. Zones were swab tested for sand cleanup. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 03-02-2006.

I hereby certify that the foregoing is true and correct		Title
Name (Printed/ Typed) Lana Nebeker		Production Clerk
Signature 		Date 03/23/2006
<b>THIS SPACE FOR FEDERAL OR STATE OFFICE USE</b>		

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)

MAR 28 2006

(See other instructions on reverse side)

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

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

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

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

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

5. LEASE DESIGNATION AND SERIAL NO.  
UTU-65963

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NA

7. UNIT AGREEMENT NAME  
Sundance Unit

8. FARM OR LEASE NAME, WELL NO.  
Federal 10-33-8-18

2. NAME OF OPERATOR  
Newfield Exploration Company

9. WELL NO.  
43-047-35976

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

10. FIELD AND POOL OR WILDCAT  
Eight Mile Flat

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)\*  
 At Surface 1980' FSL & 1980' FEL (NW/SE) Sec. 33, T8S, R18E  
 At top prod. Interval reported below

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 33, T8S, R18E

14. API NO. 43-047-35976 DATE ISSUED 10/6/04

12. COUNTY OR PARISH Uintah 13. STATE UT

15. DATE SPUNDED 1/10/06 16. DATE T.D. REACHED 2/5/06 17. DATE COMPL. (Ready to prod.) 3/2/06 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 4897' GL 4909' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6080' 21. PLUG BACK T.D., MD & TVD 6036' 22. IF MULTIPLE COMPL. HOW MANY\* 23. INTERVALS DRILLED BY -----> 24. ROTARY TOOLS X 25. CABLE TOOLS

24. PRODUCING INTERVAL(S) OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*  
Green River 4986'-5830'

25. WAS DIRECTIONAL SURVEY MADE  
No

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

27. WAS WELL CORED  
No

**33. 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#	325'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6078'	7-7/8"	325 sx Premlite II and 450 sx 50/50 Poz	

**29. LINER RECORD**

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

**30. TUBING RECORD**

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	EOT @ 5900'	TA @ 5798'

**31. PERFORATION RECORD (Interval, size and number)**

INTERVAL	SIZE	SPF/NUMBER
(CP4) 5825'-5830'	.46"	4/20
(CP2&3) 5714'-21', 5762'-68'	.43"	4/52
(B1) 5120'-5135'	.43"	4/60
(C) 4986'-4993'	.43"	4/28

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5825'-5830'	Frac w/ 30,296# 20/40 sand in 372 bbls fluid
5714'-5768'	Frac w/ 50,502# 20/40 sand in 510 bbls fluid
5120'-5135'	Frac w/ 35,516# 20/40 sand in 386 bbls fluid
4986'-4993'	Frac w/ 20,596# 20/40 sand in 299 bbls fluid

**33. PRODUCTION**

DATE FIRST PRODUCTION 3/2/06 PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 10' x 14' RHAC Pump WELL STATUS (Producing or shut-in) PRODUCING

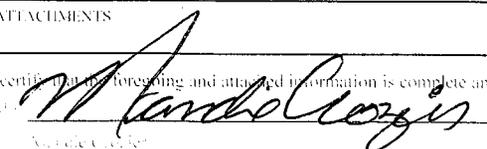
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF	WATER--BBL.	GAS-OIL RATIO
30 day ave			----->	12	5	55	417

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

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

35. LIST OF ATTACHMENTS

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

  
 Regulatory Specialist  
 APR 11 2006  
 DIV. OF OIL, GAS & MINING  
 4/7/2006

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 10-33-8-18	Garden Gulch Mkr	3851'	
				Garden Gulch 1	4048'	
				Garden Gulch 2	4166'	
				Point 3 Mkr	4435'	
				X Mkr	4646'	
				Y-Mkr	4678'	
				Douglas Creek Mkr	4812'	
				BiCarbonate Mkr	5063'	
				B Limestone Mkr		
				Castle Peak	5610'	
				Basal Carbonate	6018'	
				Total Depth (LOGGERS)	6083'	

<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-65969
		<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 10-33-8-18
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43047359760000
<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> 1980 FSL 1980 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSE Section: 33 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: 7/29/2014	<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 subject well has been converted from a producing oil well to an injection well on 07/29/2014. Initial MIT on the above listed well. On 07/29/2014 the casing was pressured up to 1472 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10580

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**  
August 04, 2014

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/1/2014	

## 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: 7/29/14  
 Test conducted by: Chris Walters  
 Others present: \_\_\_\_\_

Well Name: <u>Fed. 10-33-8-18</u>	Type: ER SWD	Status: AC TA UC	-10580
Field: <u>GMBU</u>			
Location: <u>NW/SE</u> Sec: <u>33</u> T <u>8</u> N <u>10</u> R <u>19</u> E/W		County: <u>Uintah</u>	State: <u>UT</u>
Operator: <u>NFX</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: 1465 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>1468</u> psig	psig	psig
10 minutes	<u>1468</u> psig	psig	psig
15 minutes	<u>1469</u> psig	psig	psig
20 minutes	<u>1470</u> psig	psig	psig
25 minutes	<u>1470</u> psig	psig	psig
30 minutes	<u>1472</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

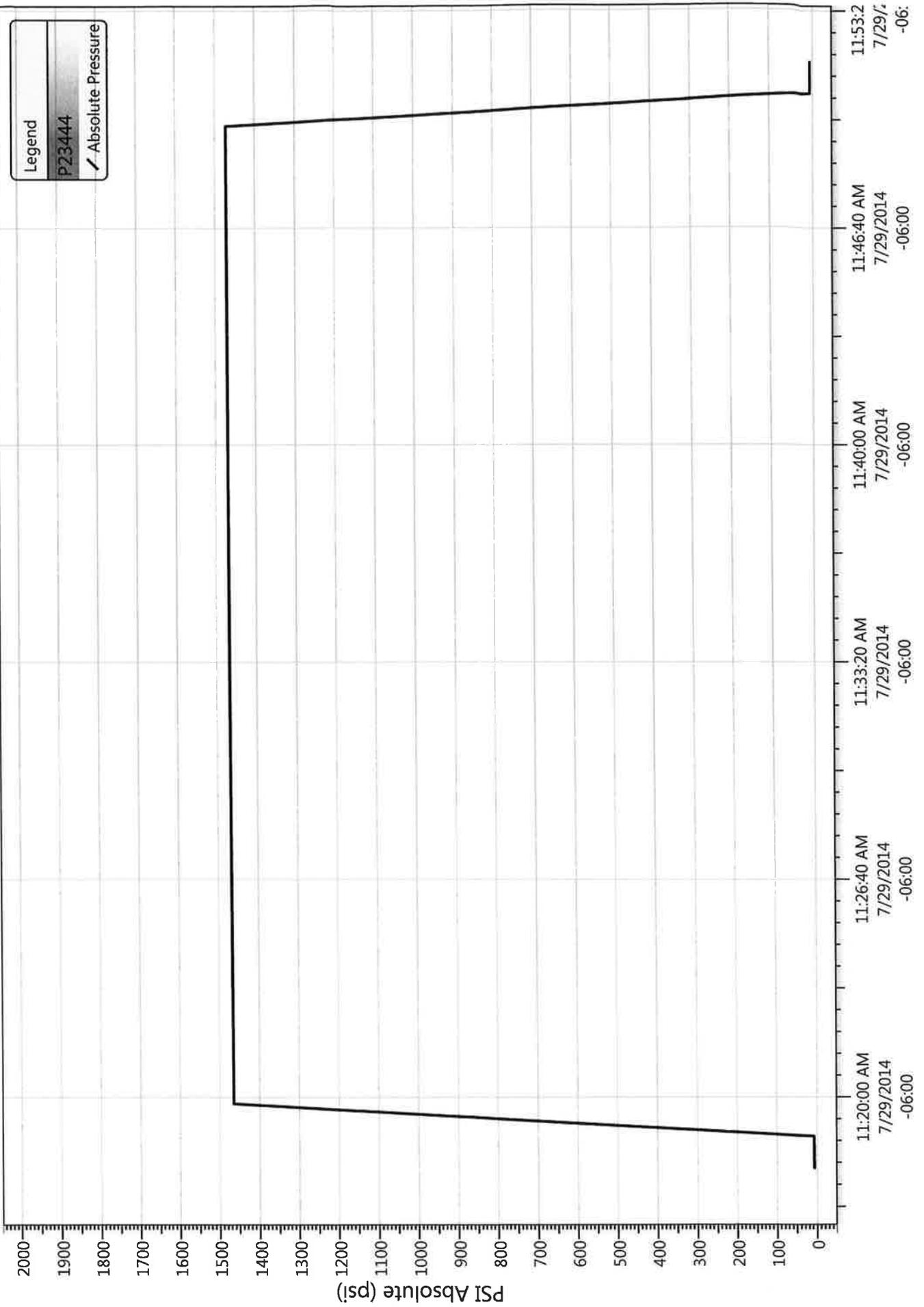
### MECHANICAL INTEGRITY PRESSURE TEST

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: \_\_\_\_\_

10-33-8-18 Conv MIT (7-29-14)

7/29/2014 11:17:16 AM





Well Name: Federal 10-33-8-18

### Job Detail Summary Report

<b>Jobs</b>	Job Start Date	7/24/2014	Job End Date	7/29/2014
Primary Job Type	Conversion			

Daily Operations				
Report Start Date	Report End Date	24hr Activity Summary	Start Time	End Time
7/24/2014	7/24/2014	MIRU	14:30	15:30
			15:30	17:00
			17:00	18:00
7/25/2014	7/25/2014	TOOH	06:00	07:00
			07:00	09:30
			09:30	11:00
			11:00	17:00
			17:00	18:00
7/28/2014	7/28/2014	T st TBG	06:00	07:00
			07:00	09:00
			09:00	14:00
			14:00	17:00
			17:00	18:00
7/29/2014	7/29/2014	Check Pressure - no loss. RD Sandline, ND Workfloor. Conduct MIT		
			06:00	07:00
			07:00	09:30



Well Name: Federal 10-33-8-18

Job Detail Summary Report

Start Time	End Time	Comment
09:30	12:30	Fill csg w/ 15bbbls pres up to 1500psi watch 30mins lost 130psi pres back up to 1500psi watch 30mins lost 10psi watch another 30mins no loss RU MIT tester chart for 30mins good test Initial MIT on the above listed well. On 07/29/2014 the casing was pressured up to 1472 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10580 RDMO (final report)

**NEWFIELD**

**Schematic**

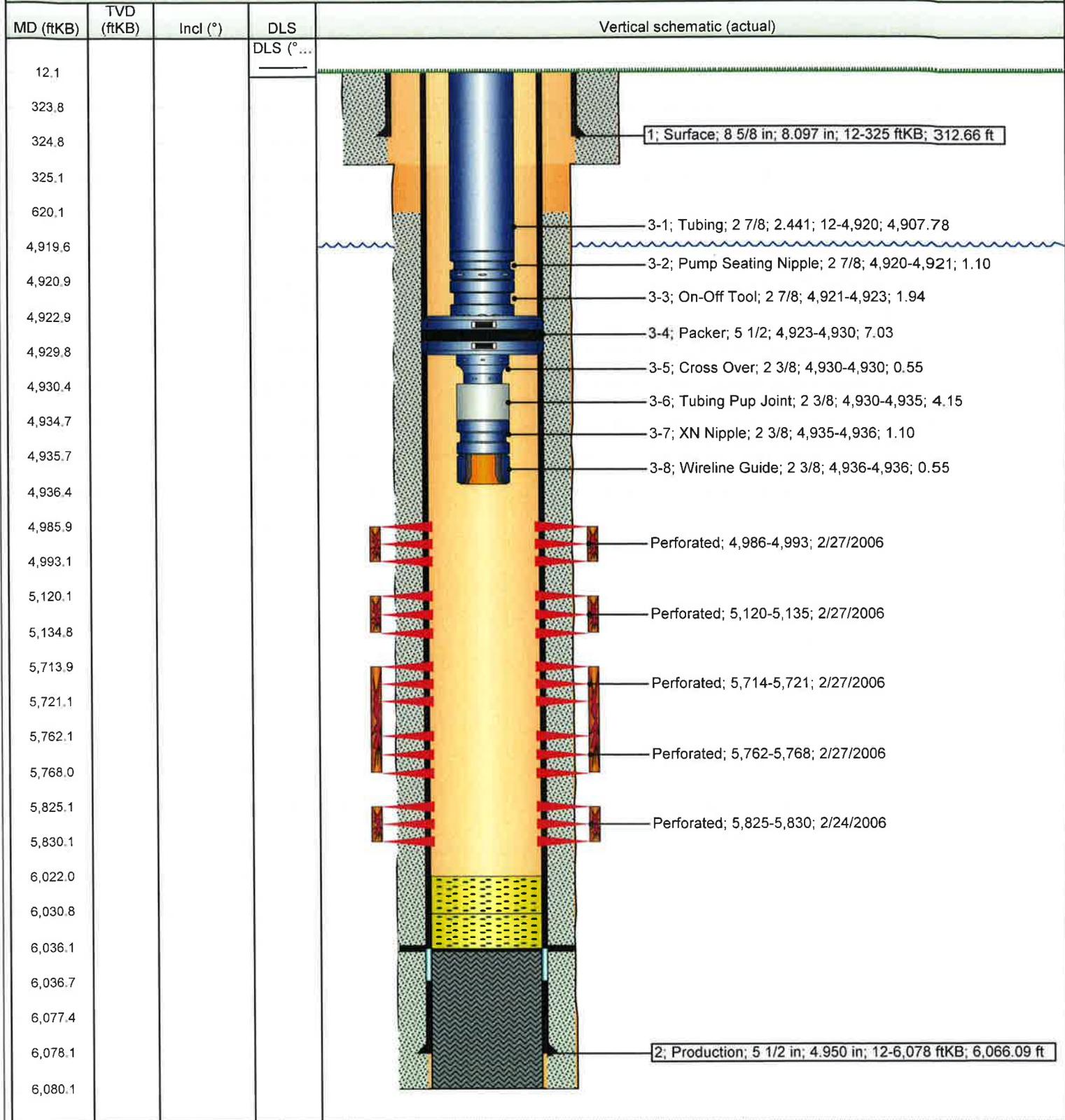
**Well Name: Federal 10-33-8-18**

Surface Legal Location 33-8S-18E			API/UWI 43047359760000	Well RC 500154825	Lease	State/Province Utah	Field Name GMBU CTB9	County UINTAH
Spud Date 1/10/2006	Rig Release Date 2/6/2006	On Production Date 3/2/2006	Original KB Elevation (ft) 4,909	Ground Elevation (ft) 4,897	Total Depth All (TVD) (ftKB)		PBD (All) (ftKB) Original Hole - 6,036.1	

**Most Recent Job**

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 7/24/2014	Job End Date 7/29/2014
---------------------------------------	--------------------------------	-----------------------------	-----------------------------	---------------------------

**TD: 6,080.0** Vertical - Original Hole, 7/30/2014 10:31:28 AM



**NEWFIELD****Newfield Wellbore Diagram Data  
Federal 10-33-8-18**

Surface Legal Location 33-8S-18E		API/UWI 43047359760000		Lease	
County UINTAH		State/Province Utah		Basin Uintah Basin	
Well Start Date 1/10/2006		Spud Date 1/10/2006		Final Rig Release Date 2/6/2006	
Original KB Elevation (ft) 4,909		Ground Elevation (ft) 4,897		Total Depth (ftKB) 6,080.0	
				Total Depth All (TVD) (ftKB)	
				PBTD (All) (ftKB) Original Hole - 6,036.1	

**Casing Strings**

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	1/10/2006	8 5/8	8.097	24.00	J-55	325
Production	2/6/2006	5 1/2	4.950	15.50	J-55	6,078

**Cement****String: Surface, 325ftKB 1/13/2006**

Cementing Company BJ Services Company		Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 325.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description w/ 2% CaCL2 + 1/4#/sk Cello-Flake		Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0

**String: Production, 6,078ftKB 2/6/2006**

Cementing Company BJ Services Company		Top Depth (ftKB) 620.0	Bottom Depth (ftKB) 6,080.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description w/ 10% gel + 3% KCL, 3#s/sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake		Fluid Type Lead	Amount (sacks) 325	Class PL II	Estimated Top (ftKB) 620.0
Fluid Description W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM		Fluid Type Tail	Amount (sacks) 450	Class 50/50 Poz	Estimated Top (ftKB) 3,000.0

**Tubing Strings**

Tubing Description		Run Date		Set Depth (ftKB)				
Tubing		7/28/2014		4,936.2				
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	151	2 7/8	2.441	6.50	J-55	4,907.78	12.0	4,919.8
Pump Seating Nipple	1	2 7/8				1.10	4,919.8	4,920.9
On-Off Tool	1	2 7/8				1.94	4,920.9	4,922.8
Packer	1	5 1/2				7.03	4,922.8	4,929.9
Cross Over	1	2 3/8				0.55	4,929.9	4,930.4
Tubing Pup Joint	1	2 3/8				4.15	4,930.4	4,934.6
XN Nipple	1	2 3/8				1.10	4,934.6	4,935.7
Wireline Guide	1	2 3/8				0.55	4,935.7	4,936.2

**Rod Strings**

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

**Other In Hole**

Des		Top (ftKB)	Btm (ftKB)	Run Date	Pull Date
Fill		6,031	6,036	7/22/2008	
Fill		6,022	6,031	9/3/2010	

**Perforation Intervals**

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
4	C sds, Original Hole	4,986	4,993	4	90	0.430	2/27/2006
3	B1 sds, Original Hole	5,120	5,135	4	90	0.430	2/27/2006
2	CP2 sds, Original Hole	5,714	5,721	4	90	0.430	2/27/2006
2	CP3 sds, Original Hole	5,762	5,768	4	90	0.430	2/27/2006
1	CP4 sds, Original Hole	5,825	5,830	4	120	0.460	2/24/2006

**Stimulations & Treatments**

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	1,330	0.66	24.8	1,367			
2	1,700	0.73	25.2	1,829			
3	1,870	0.8	25.6	1,841			
4	2,000	0.83	15.1	1,696			

**Proppant**

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 30296 lb
2		Proppant White Sand 50502 lb
3		Proppant White Sand 35516 lb
4		Proppant White Sand 20596 lb

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-65969	
		<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 10-33-8-18	
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43047359760000	
<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> 1980 FSL 1980 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSE Section: 33 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"/> CHANGE TO PREVIOUS PLANS  <input checked="" type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input checked="" type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p style="text-align: center;">The above reference well was put on injection at 1:50 PM on 08/25/2014. EPA # UT22197-10580</p> </div> <div style="width: 35%; text-align: center;"> <p><b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 26, 2014</b></p> </div> </div>			
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician	
<b>SIGNATURE</b> N/A		<b>DATE</b> 8/26/2014	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-65969
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7.UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Water Injection Well	<b>8. WELL NAME and NUMBER:</b> FEDERAL 10-33-8-18
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43047359760000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1980 FSL 1980 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSE Section: 33 Township: 08.0S Range: 18.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> 8 MILE FLAT NORTH  <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: 10/22/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input style="width:100px;" type="text" value="Workover MIT"/>

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

The above subject well had workover procedures performed (packer repair), attached is a daily status report. Workover MIT performed on the above listed well. On 10/22/2014 the csg was pressured up to 1271 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 #UT22197-10580

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 November 05, 2014

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/30/2014	

# 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: 10/22/2014

Test conducted by: Don Traue

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

Well Name: <u>Federal</u>	Type: ER SWD	Status: AC TA UC	-10580
Field: <u>So. Myton</u>			
Location: <u>10</u> Sec: <u>33</u> T <u>8</u> N <u>18</u> S R <u>18</u> E W	County: <u>Uintah</u>	State: <u>Utah</u>	
Operator: <u>Don Traue</u>			
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: _____	P SIG	

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

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>0</u> psig	psig	psig
End of test pressure	<u>0</u> psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1275</u> psig	psig	psig
5 minutes	<u>1274</u> psig	psig	psig
10 minutes	<u>1273</u> psig	psig	psig
15 minutes	<u>1273</u> psig	psig	psig
20 minutes	<u>1272</u> psig	psig	psig
25 minutes	<u>1272</u> psig	psig	psig
30 minutes	<u>1271</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

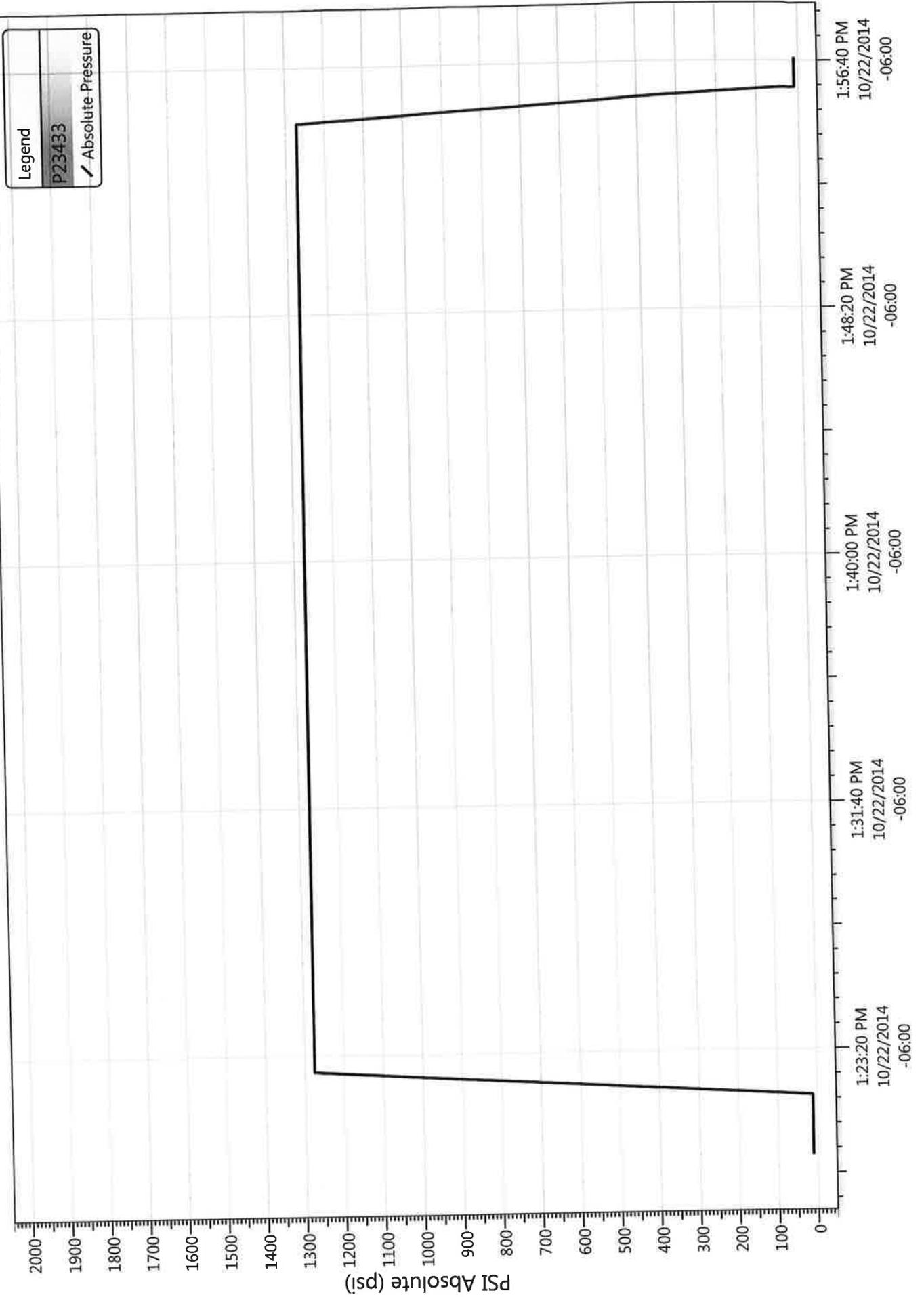
Does the annulus pressure build back up after the test ?     Yes     No

## 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: \_\_\_\_\_

federal 10-33-8-18 mit work over  
10/22/2014 1:16:33 PM





Well Name: Federal 10-33-8-18

### Job Detail Summary Report

Sundry Number: 57237 API Well Number: 43047359760000

Jobs		Job Start Date	Job End Date
Primary Job Type Repairs		10/20/2014	10/22/2014
<b>Daily Operations</b>			
Report Start Date	Report End Date	24hr Activity Summary	
10/20/2014	10/20/2014	MIRU	
Start Time	End Time	Comment	
05:00	06:00	CREW TRAVEL TO LOCATION	
06:00	07:30	SAFETY MEETING (CHECKING FLUIDS/ ROAD HAZARDS), PUT STUFF AWAY ON TOOL TRAILER, DROP GUIDED WIRES, RIG DOWN, PREP TO MOVE RIG TO NEW LOCATION, PICK UP LOCATION	
07:30	09:00	MOVE RIG FROM MONUMENT FEDERAL 13-22Y-8-17 TO FEDERAL 10-33-8-18	
09:00	20:00	SPOT IN T-SEAL/RIG, LEVEL UP, RIG UP, DROP STANDING VALVE, RIG UP HOTOILER, FILL AND PRESSURE TEST TUBING TO 3300 PSI (GOOD TEST 20 BBLS TO FILL) RIG HOTOILER UP TO CASING, PUMPED 30 BBLS GOT CIRCULATION UP THE TUBING	
20:00	23:30	RIG DOWN HOTOILER, RIG UP SAND LINE AND FISH STANDING VALVE, BLEED OFF CASING, NIPPLE DOWN WELLHEAD, NIPPLE UP BOPS, RIG UP FLOOR GET ALL TOOLS AND EQUIPMENT OUT AND READY TO PULL TUBING, UNSET PACKER ( HAD TROUBLE GETTING PACKER TO UNSET, HAD TO WORK UP AND DOWN WHILE TURNING FOR ABOUT 45 MINUTES)	
23:30	01:00	START PULLING OUT OF HOLE WITH 151 JOINTS 2 7/8 J-55 (PACKER KEPT SETTING ON THE WAY OUT)	
01:00	02:00	BREAK OFF AND LAY DOWN OLD PACKER AND RETRIEVING HEAD, KEEP 2 3/8 INJECTION SUB, PICK UP AND MAKE UP NEW PACKER AND RETRIEVING HEAD START BACK IN HOLE	
02:00	03:00	BACK IN THE HOLE WITH 151 JOINTS, PICK UP 8' 2 7/8 L-80 SUB, SHUT PIPE RAMS, DROP STANDING VALVE, FILL AND PRESSURE TEST TO 3000 PSI FOR 30 MINUTES WITH NO LOSS OR GAIN (30 BBLS TO FILL) SHUT IN WELL FOR DAY	
Report Start Date		24hr Activity Summary	
10/21/2014		FINISH TUBING TEST, RIG UP SANDLINE, FISH STANDING VALVE, NIPPLE UP WELLHEAD, FILL AND TEST CASING TO 1500 PSI FOR 30 MINUTES WITH NO LOSS OR GAIN, ONCE IT LOOKS GOOD CALL FOR MIT, IF IT PASSES RIG DOWN	
Start Time	End Time	Comment	
06:00	07:00	CREW TRAVEL TO LOCATION	
07:00	07:30	SAFETY MEETING (PRESSURE HAZARDS), CHECK PRESSURE SITP - 2950 PSI, WATCH PRESSURE FOR 30 MINUTES - NO LOSS GOOD TEST, RIG UP BABY RED FISH TOOL	
07:30	08:30	RUN IN HOLE TO 4920' STANDING VALVE, LATCH ONTO STAND VALVE, COME OT OF HOLE, RIG DOWN SAND LINE	
08:30	09:30	SPRAY OFF RIG EQUIPMENT FLOOR, TONGS, SLIPS, BLOCKS, ELEVATORS, & BOP'S, SHOVEL OIL INTO EARTH PIT, 10 BBLS USED	
09:30	10:30	RIG DOWN TUBING EQUIPMENT, RIG DOWN FLOOR, NIPPLE DOWN BOP'S, SET (WEATHERFORD) PACKER @ 4929' W/ 17# TENTION, TIGHTING WELL HEAD 2 1/2 TURNS (SCREW ON TYPE) NIPPLE UP WELL HEAD	
10:30	11:00	FILL CASING W/ PACKER FLUID & 5 BBLS & PRESSURE CASING TO 1600 PSI	



### Job Detail Summary Report

Well Name: Federal 10-33-8-18

Start Time	11:00	End Time	14:00	Comment
Start Time	14:00	End Time	15:00	Comment
Start Time	15:00	End Time	16:30	Comment
Start Time	16:30	End Time	18:00	Comment
Start Time	18:00	End Time	19:00	Comment
Report Start Date	10/22/2014	Report End Date	10/22/2014	24hr Activity Summary
Start Time	01:20	End Time	01:50	CONDUCT MIT

Comment  
WATCH PRESSURE ON CSG STARTING 1600 PSI, 30 MIN LOST 15 PSI (11:30 AM), 30 MIN LOST 15 PSI (12 PM), 30 MIN LOST 10 PSI (12:30 PM), 30 MIN LOST 0 PSI (1 PM), 30 MIN LOST 0 PSI (1:30 PM), 30 MIN LOST 0 PSI (2 PM) SEEN PUMPER HAD HIM DO MIT TEST

Comment  
RIG UP PUMPER (DON), START MIT TEST, STARTING PRESSURE 1563 PSI, ENDED PRESSURE 1569 PSI - GOOD TEST, RIG DOWN PUMPER

Comment  
DROP GUIDE WIRES, RIG DOWN, PUT STUFF AWAY IN TOOL TRAILER, PICK UP LOCATION, PREP TO MOVE RIG TO NEW LOCATION THE ROBERTS 1-21-8-17

Comment  
MOVE RIG FROM FEDERAL 10-33-8-18 TO ROBERTS 1-21-8-17, PULL ONTO LOCATION SHUT DOWN FOR NIGHT

Comment  
CREW TRAVEL HOME FROM LOCATION

Comment  
Workover MIT performed on the above listed well. On 10/22/2014 the csg was pressured up to 1271 psig and chanted 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 #UT22197-10580

**Well Name: Federal 10-33-8-18**

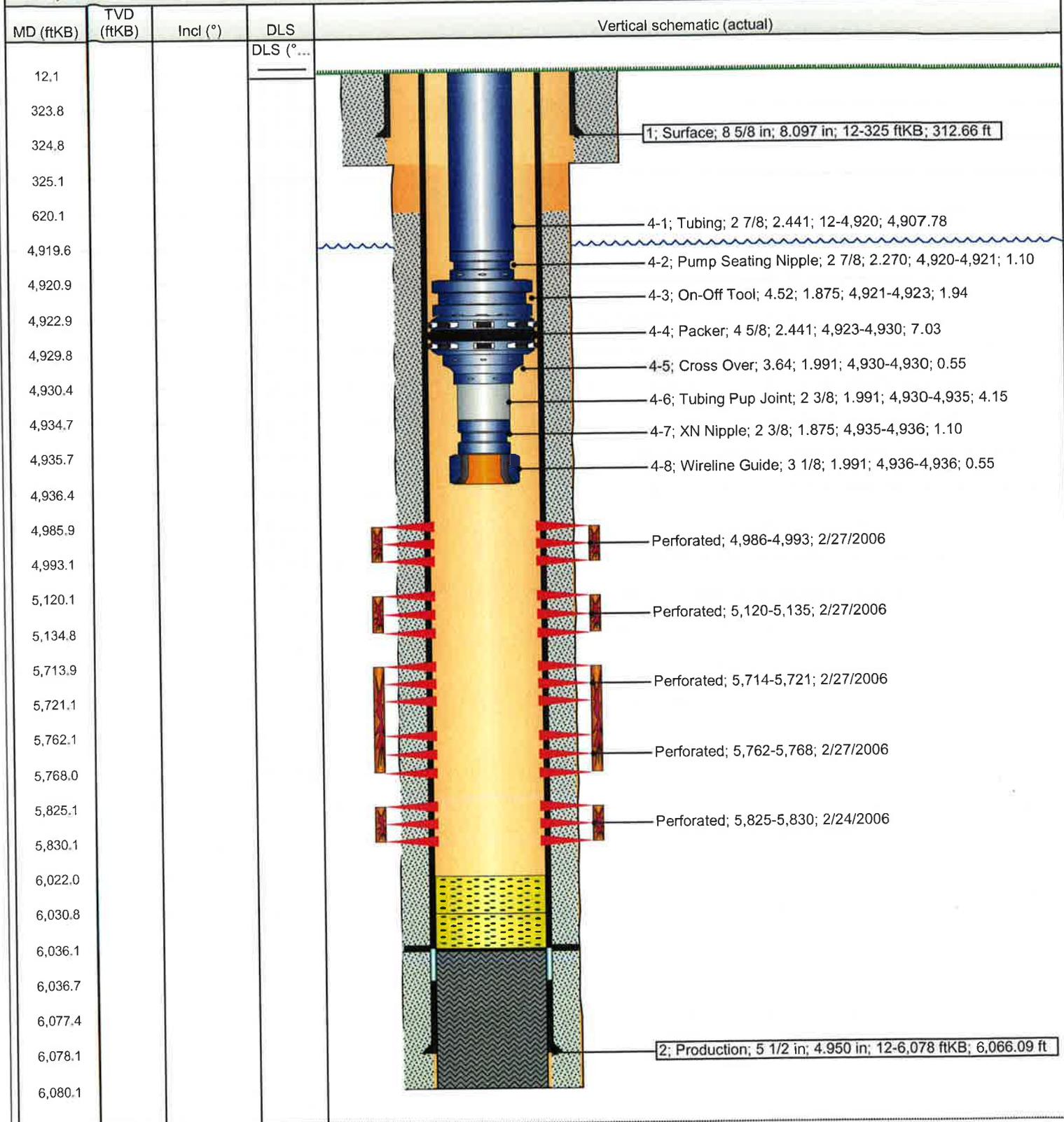
Surface Legal Location <b>SECTION 33-8S-18E</b>		API/UWI 43047359760000	Well RC 500154825	Lease	State/Province Utah	Field Name GMBU CTE9	County UINTAH
Spud Date 1/10/2006	Rig Release Date 2/6/2006	On Production Date 3/2/2006	Original KB Elevation (ft) 4,909	Ground Elevation (ft) 4,897	Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB) Original Hole - 6,036.1

**Most Recent Job**

Job Category Production / Workover	Primary Job Type Repairs	Secondary Job Type Packer Repair	Job Start Date 10/20/2014	Job End Date 10/22/2014
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**TD: 6,080.0**

Vertical - Original Hole, 10/27/2014 8:23:55 AM



# NEWFIELD



## Newfield Wellbore Diagram Data Federal 10-33-8-18

Surface Legal Location SECTION 33-8S-18E				API/UWI 43047359760000		Lease	
County UINTAH		State/Province Utah		Basin Uintah Basin		Field Name GMBU CTB9	
Well Start Date 1/10/2006		Spud Date 1/10/2006		Final Rig Release Date 2/6/2006		On Production Date 3/2/2006	
Original KB Elevation (ft) 4,909		Ground Elevation (ft) 4,897		Total Depth (ftKB) 6,080.0		Total Depth All (TVD) (ftKB) PBSD (All) (ftKB) Original Hole - 6,036.1	
<b>Casing Strings</b>							
Csg Des		Run Date		OD (in)		ID (in)	
Surface		1/10/2006		8 5/8		8.097	
Production		2/6/2006		5 1/2		4.950	
						Wt/Len (lb/ft)	
						24.00	
						15.50	
						Grade	
						J-55	
						J-55	
						Set Depth (ftKB)	
						325	
						6,078	
<b>Cement</b>							
<b>String: Surface, 325ftKB 1/13/2006</b>							
Cementing Company BJ Services Company				Top Depth (ftKB) 12.0		Bottom Depth (ftKB) 325.0	
Fluid Description w/ 2% CaCL2 + 1/4#/sk Cello-Flake				Fluid Type Lead		Amount (sacks) 160	
						Class G	
						Estimated Top (ftKB) 12.0	
<b>String: Production, 6,078ftKB 2/6/2006</b>							
Cementing Company BJ Services Company				Top Depth (ftKB) 620.0		Bottom Depth (ftKB) 6,080.0	
Fluid Description w/ 10% gel + 3% KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake				Fluid Type Lead		Amount (sacks) 325	
						Class PL II	
						Estimated Top (ftKB) 620.0	
Fluid Description W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM				Fluid Type Tail		Amount (sacks) 450	
						Class 50/50 Poz	
						Estimated Top (ftKB) 3,000.0	
<b>Tubing Strings</b>							
Tubing Description Tubing				Run Date 10/20/2014		Set Depth (ftKB) 4,936.2	
Item Des		Jts		OD (in)		ID (in)	
Tubing		151		2 7/8		2.441	
						Wt (lb/ft)	
						6.50	
						Grade	
						J-55	
						Len (ft)	
						4,907.78	
						Top (ftKB)	
						12.0	
						Btm (ftKB)	
						4,919.8	
Pump Seating Nipple		1		2 7/8		2.270	
On-Off Tool		1		4.515		1.875	
Packer		1		4 5/8		2.441	
Cross Over		1		3.635		1.991	
Tubing Pup Joint		1		2 3/8		1.991	
XN Nipple		1		2 3/8		1.875	
Wireline Guide		1		3 1/8		1.991	
						Wt (lb/ft)	
						6.50	
						Grade	
						J-55	
						Len (ft)	
						1.10	
						1.94	
						7.03	
						0.55	
						4.15	
						1.10	
						0.55	
						4,907.78	
						4,919.8	
						4,920.9	
						4,922.8	
						4,929.9	
						4,930.4	
						4,934.6	
						4,935.7	
						4,936.2	
<b>Rod Strings</b>							
Rod Description				Run Date		Set Depth (ftKB)	
Item Des		Jts		OD (in)		Wt (lb/ft)	
						Grade	
						Len (ft)	
						Top (ftKB)	
						Btm (ftKB)	
<b>Other In Hole</b>							
Des				Top (ftKB)		Btm (ftKB)	
Fill				6,031		6,036	
Fill				6,022		6,031	
				Run Date		Pull Date	
				7/22/2008			
				9/3/2010			
<b>Perforation Intervals</b>							
Stage#		Zone		Top (ftKB)		Btm (ftKB)	
4		C sds, Original Hole		4,986		4,993	
3		B1 sds, Original Hole		5,120		5,135	
2		CP2 sds, Original Hole		5,714		5,721	
2		CP3 sds, Original Hole		5,762		5,768	
1		CP4 sds, Original Hole		5,825		5,830	
						Shot Dens (shots/ft)	
						4	
						4	
						4	
						4	
						4	
						120	
						Phasing (°)	
						90	
						90	
						90	
						90	
						0.430	
						0.430	
						0.430	
						0.430	
						0.460	
						Date	
						2/27/2006	
						2/27/2006	
						2/27/2006	
						2/27/2006	
						2/24/2006	
<b>Stimulations &amp; Treatments</b>							
Stage#		ISIP (psi)		Frac Gradient (psi/ft)		Max Rate (bbl/min)	
1		1,330		0.66		24.8	
2		1,700		0.73		25.2	
3		1,870		0.8		25.6	
4		2,000		0.83		15.1	
						Max PSI (psi)	
						1,367	
						1,829	
						1,841	
						1,696	
						Total Clean Vol (bbl)	
						Total Slurry Vol (bbl)	
						Vol Recov (bbl)	
<b>Proppant</b>							
Stage#		Total Prop Vol Pumped (lb)		Total Add Amount			
1				Proppant White Sand 30296 lb			
2				Proppant White Sand 50502 lb			
3				Proppant White Sand 35516 lb			
4				Proppant White Sand 20596 lb			