

NEWFIELD



May 24, 2005

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

RE: Applications for Permit to Drill: 4-1-9-17, 7-33-8-16, 1A-3-9-17, 2A-3-9-17,  
and 5-3-9-17. ✓

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 4-1-9-17 and 2A-3-9-17 are Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

Mandie Crozier  
Regulatory Specialist

mc  
enclosures

RECEIVED  
MAY 31 2005  
DIV. OF OIL, GAS & MINING

001

RECEIVED

MAY 31 2005

DIV. OF OIL, GAS &amp; MINING

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

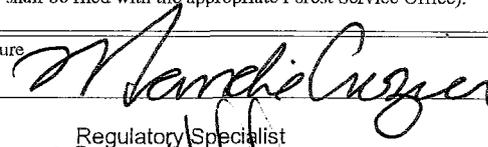
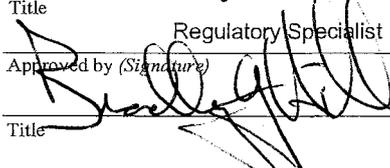
## APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 20045. Lease Serial No.  
UTU-341736. If Indian, Allottee or Tribe Name  
N/A7. If Unit or CA Agreement, Name and No.  
Travis8. Lease Name and Well No.  
Travis Federal 7-33-8-169. API Well No.  
43-013-3279810. Field and Pool, or Exploratory  
Monument Butte11. Sec., T., R., M., or Blk. and Survey or Area  
SW/NE Sec. 33, T8S R16E12. County or Parish  
Duchesne13. State  
UT1a. Type of Work:  DRILL  REENTER1b. Type of Well:  Oil Well  Gas Well  Other  Single Zone  Multiple Zone2. Name of Operator  
Newfield Production Company3a. Address  
Route #3 Box 3630, Myton UT 840523b. Phone No. (include area code)  
(435) 646-37214. Location of Well (Report location clearly and in accordance with any State requirements. \*)  
At surface SW/NE 1874' FNL 2169' FEL 574861Y 40.076535  
At proposed prod. zone 4436411Y 110.12203814. Distance in miles and direction from nearest town or post office\*  
Approximatley 11.9 miles southwest of Myton, Utah15. Distance from proposed\*  
location to nearest  
property or lease line, ft.  
(Also to nearest drig. unit line, if any) Approx. 766' f/lse, 766 ft/unit16. No. of Acres in lease  
320.0017. Spacing Unit dedicated to this well  
40 Acres18. Distance from proposed location\*  
to nearest well, drilling, completed,  
applied for, on this lease, ft. Approx. 1123'19. Proposed Depth  
6365'20. BLM/BIA Bond No. on file  
UT005621. Elevations (Show whether DF, KDB, RT, GL, etc.)  
5665' GL22. Approximate date work will start\*  
3rd Quarter 200523. Estimated duration  
Approximately seven (4) 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 	Name (Printed/Typed) Mandie Crozier	Date 5/24/05
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 06-07-05
Title ENVIRONMENTAL SCIENTIST III		

Application approval does not warrant or certify 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.

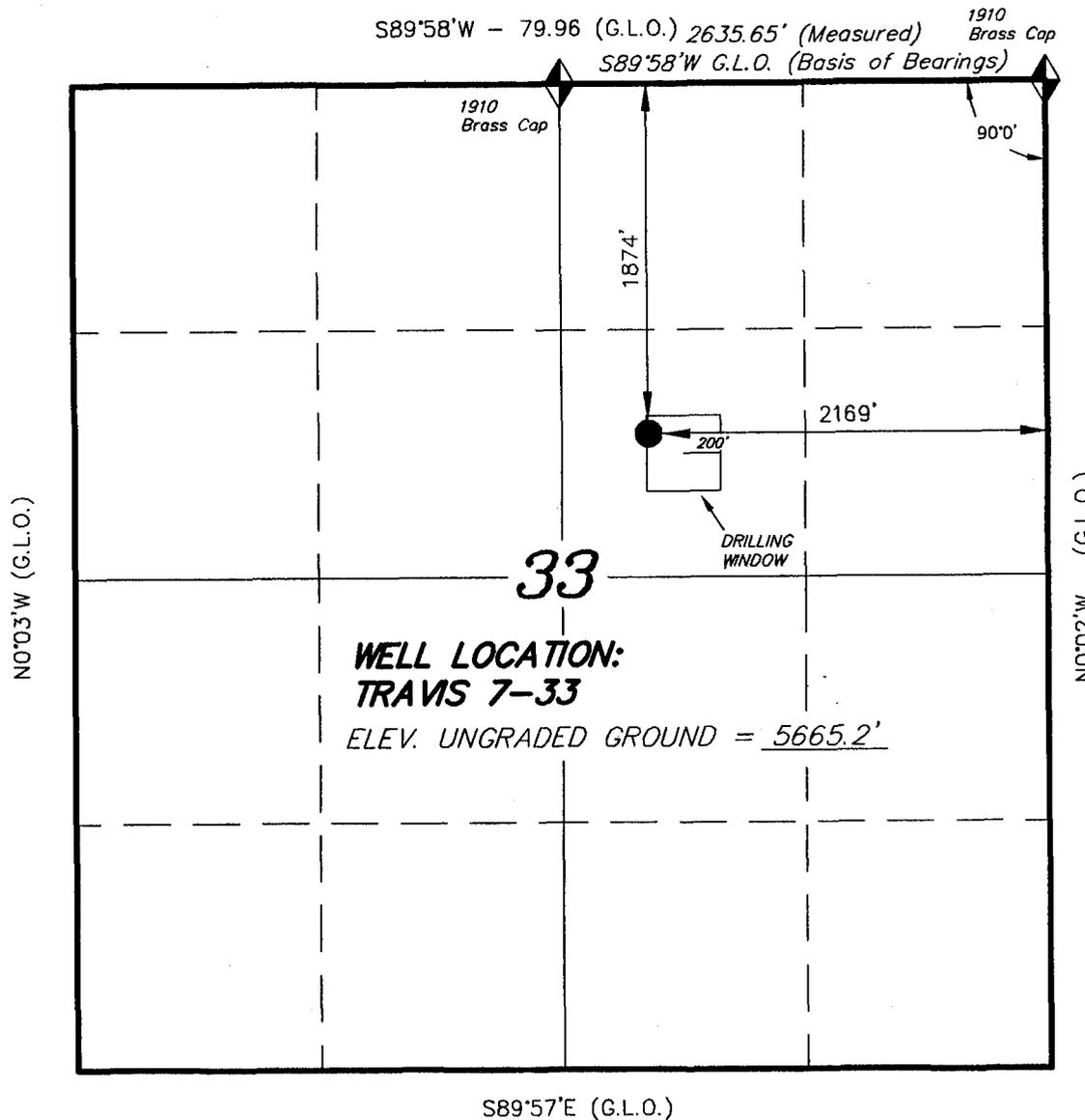
\*(Instructions on reverse)

Federal Approval of this  
Action Is Necessary

# T8S, R16E, S.L.B.&M.

## NEWFIELD PRODUCTION COMPANY

WELL LOCATION, TRAVIS 7-33, LOCATED AS SHOWN IN THE SW 1/4 NE 1/4 OF SECTION 33, T8S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



**Note:**  
 The Proposed Well head bears  
 S14°01'34"E 1931.64' from the North  
 1/4 Corner of Section 33.

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.

REGISTERED LAND SURVEYOR  
 No. 189377  
 STACY W. STEWART  
 REGISTERED LAND SURVEYOR  
 REGISTRATION No. 189377  
 STATE OF UTAH

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

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

SCALE: 1" = 1000'	SURVEYED BY: C.M.
DATE: 3-30-05	DRAWN BY: F.T.M.
NOTES:	FILE #

NEWFIELD PRODUCTION COMPANY  
 TRAVIS FEDERAL #7-33-8-16  
 SW/NE SECTION 33, T8S, R16E  
 DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2515'
Green River	2515'
Wasatch	6365'

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

Green River Formation 2515' – 6365' - Oil

4. PROPOSED CASING PROGRAM

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

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

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

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY  
TRAVIS FEDERAL #7-33-8-16  
SW/NE SECTION 33, T8S, R16E  
DUCHESNE 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 Travis Federal #7-33-8-16 located in the SW 1/4 NE 1/4 Section 33, T8S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southwesterly along Hwy 53 - 1.7 miles  $\pm$  to its junction with an existing road to the southwest; proceed southwesterly - 7.0 miles  $\pm$  to its junction with an existing road to the northeast; proceed northeasterly - 1.6 miles  $\pm$  to its junction with the beginning of the proposed access road; proceed along the proposed access road 150'  $\pm$  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 #05-136, 5/9/05. Paleontological Resource Survey prepared by, Wade E. Miller, 5/11/05. See attached report cover pages, Exhibit "D".

For the Travis Federal #7-33-8-16 Newfield Production Company requests 150' of disturbed area be granted in Lease UTU-34173 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 150' of disturbed area be granted in Lease UTU-34173 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 2" gas gathering line, and a 2" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 150' of disturbed area be granted in Lease UTU-34173 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

**Water Disposal**

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

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

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

**Golden Eagle:** Due to this proposed well access roads proximity (less that 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between February 1 and July 15. If the nest remains inactive on July 15<sup>th</sup> (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location between July 15 and February 1 of the following year. If the nest site becomes active prior to July

15, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

**Reserve Pit Liner**

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

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

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

Shadscale	<i>Atriplex confertifolia</i>	4 lbs/acre
Scarlet Globmallow	<i>Sphaeralcea concinna</i>	4 lbs/acre
Crested Wheatgrass	<i>Agropyron cristatum</i>	4 lbs/acre

**Details of the On-Site Inspection**

The proposed Travis Federal #7-33-8-16 was on-sited on 4/14/04. The following were present; Brad Mecham (Newfield Production), David Gerbig (Newfield Production), Byron Tolman (Bureau of Land Management), and a SWCA representative. Weather conditions were clear at 60 degrees.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

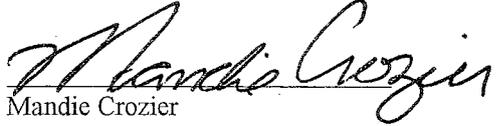
Name: Brad Mecham  
Address: Route #3 Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #7-33-8-16 SW/NE Section 33, Township 8S, Range 16E: Lease UTU-34173 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

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

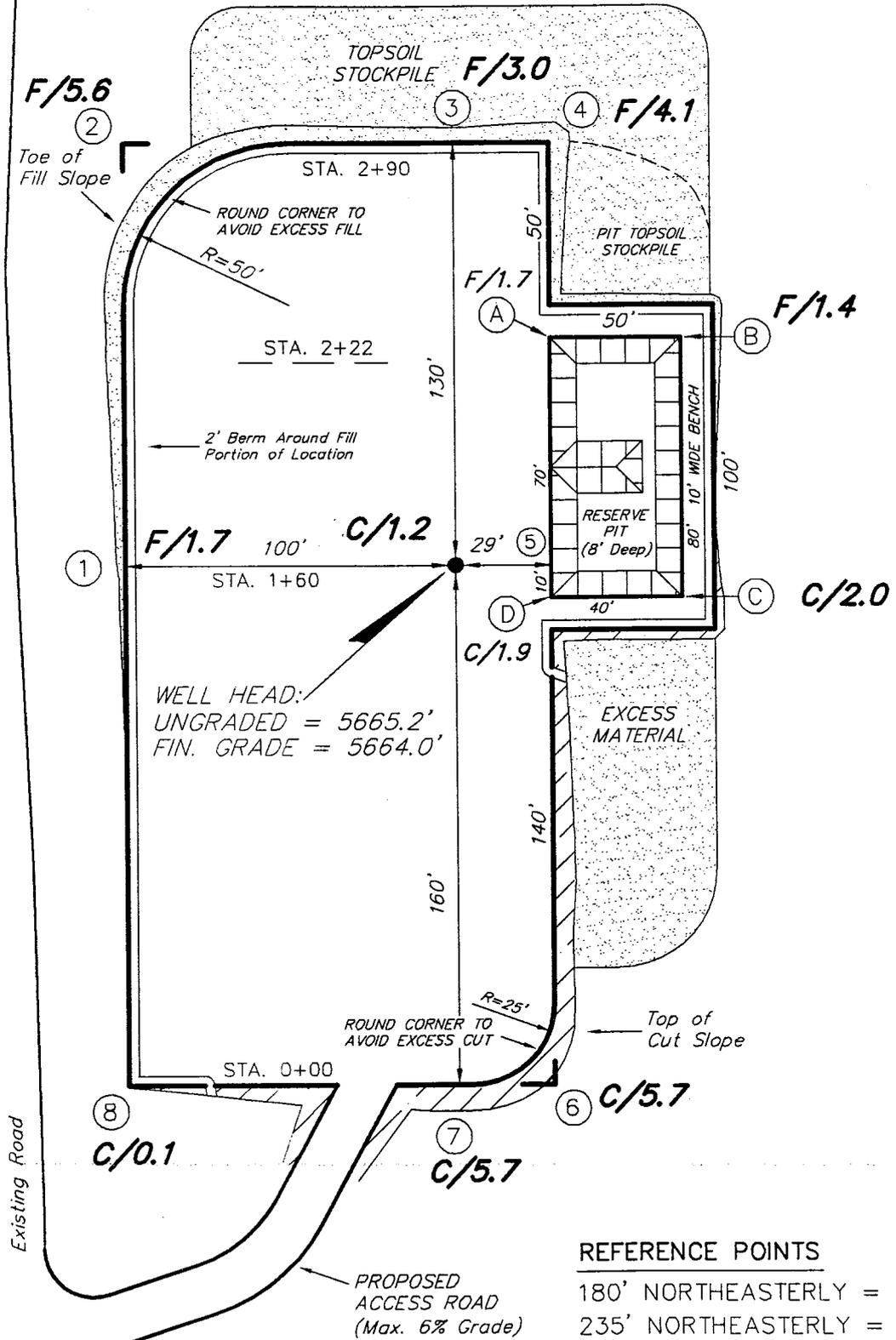
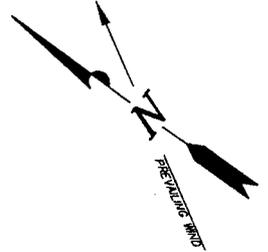
5/24/05  
Date

  
Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

# NEWFIELD PRODUCTION COMPANY

TRAVIS 7-33

Section 33, T8S, R16E, S.L.B.&M.



**REFERENCE POINTS**

180' NORTHEASTERLY = 5659.5'  
235' NORTHEASTERLY = 5657.5'

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

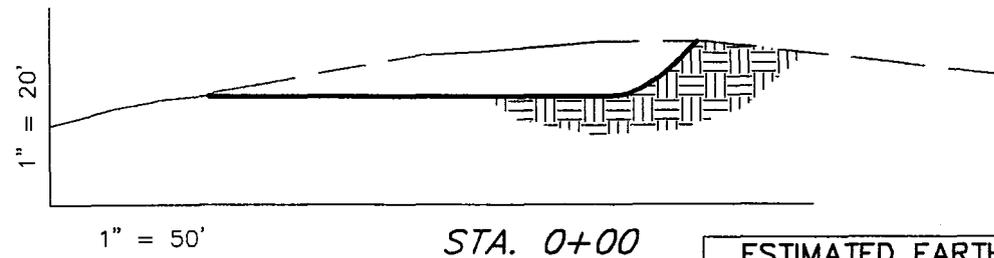
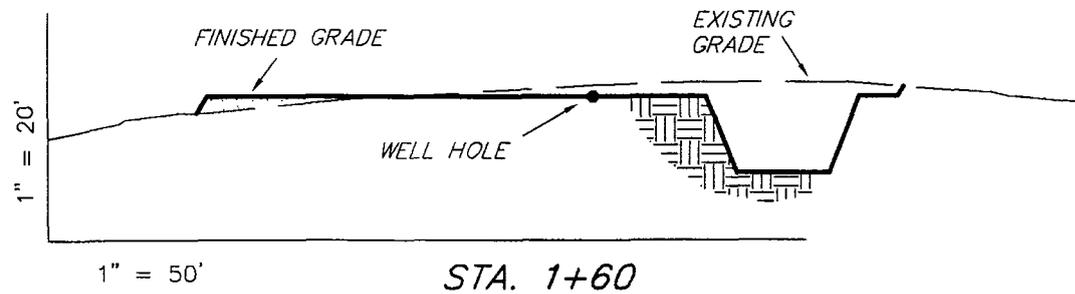
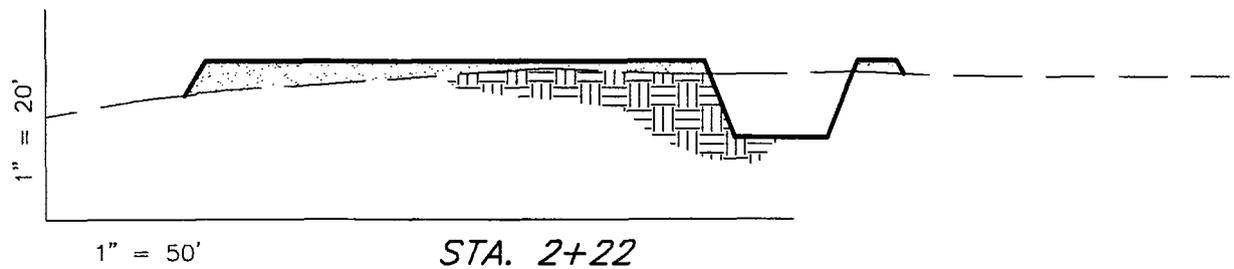
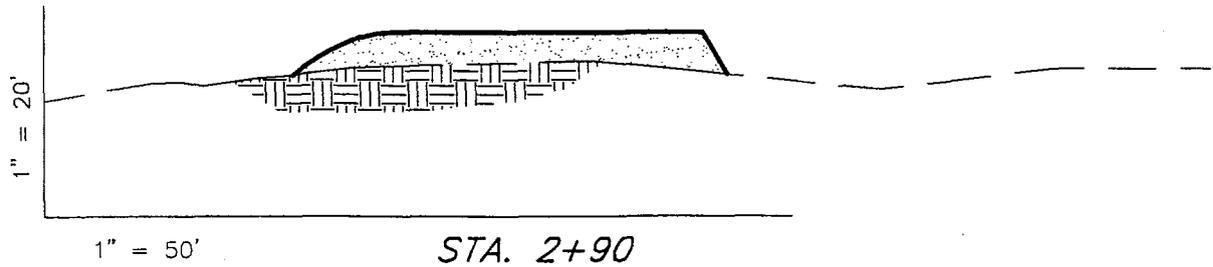
DATE: 3-30-05

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

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS

### TRAVIS 7-33



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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,600	1,600	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	2,240	1,600	840	640

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

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

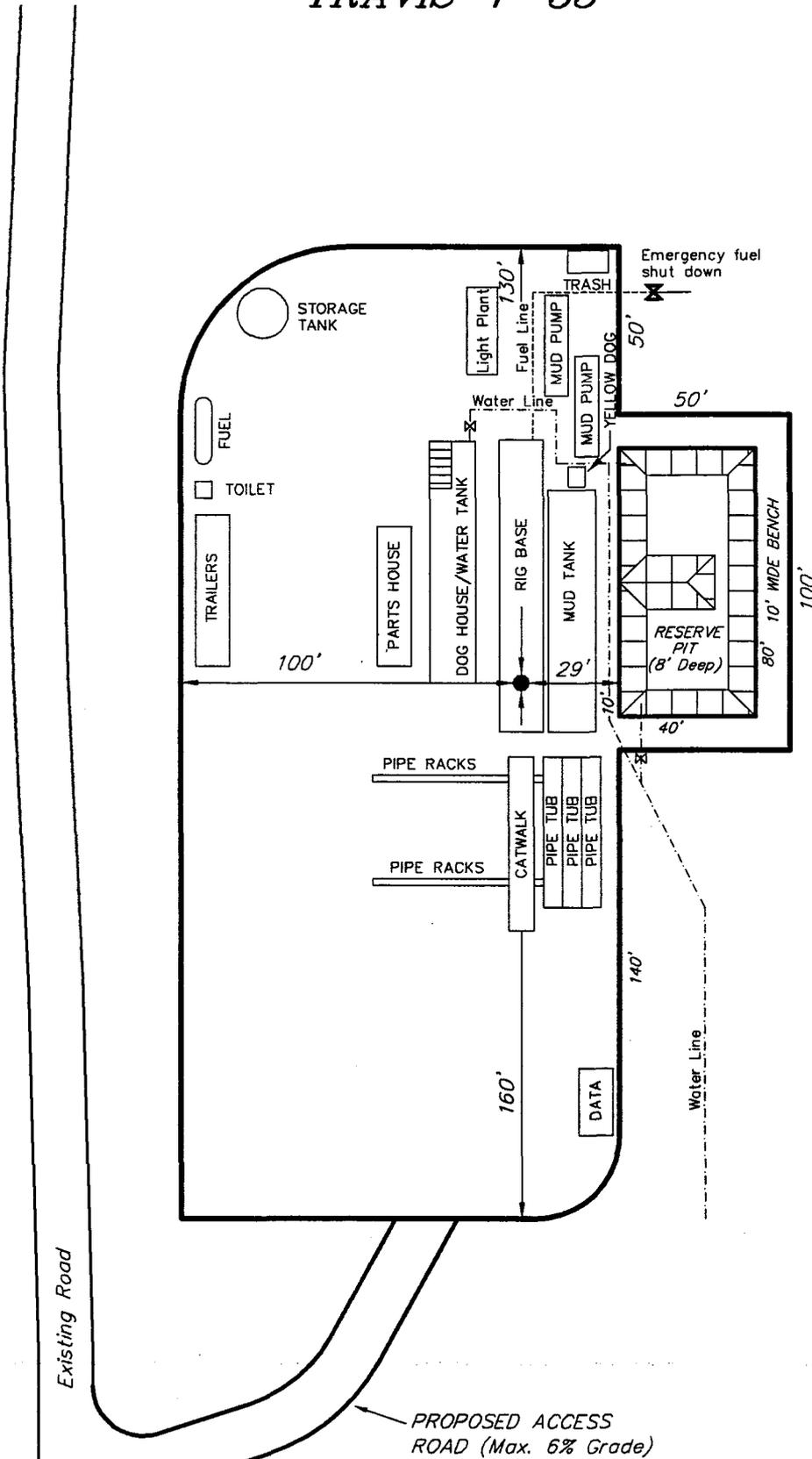
DATE: 3-30-05

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

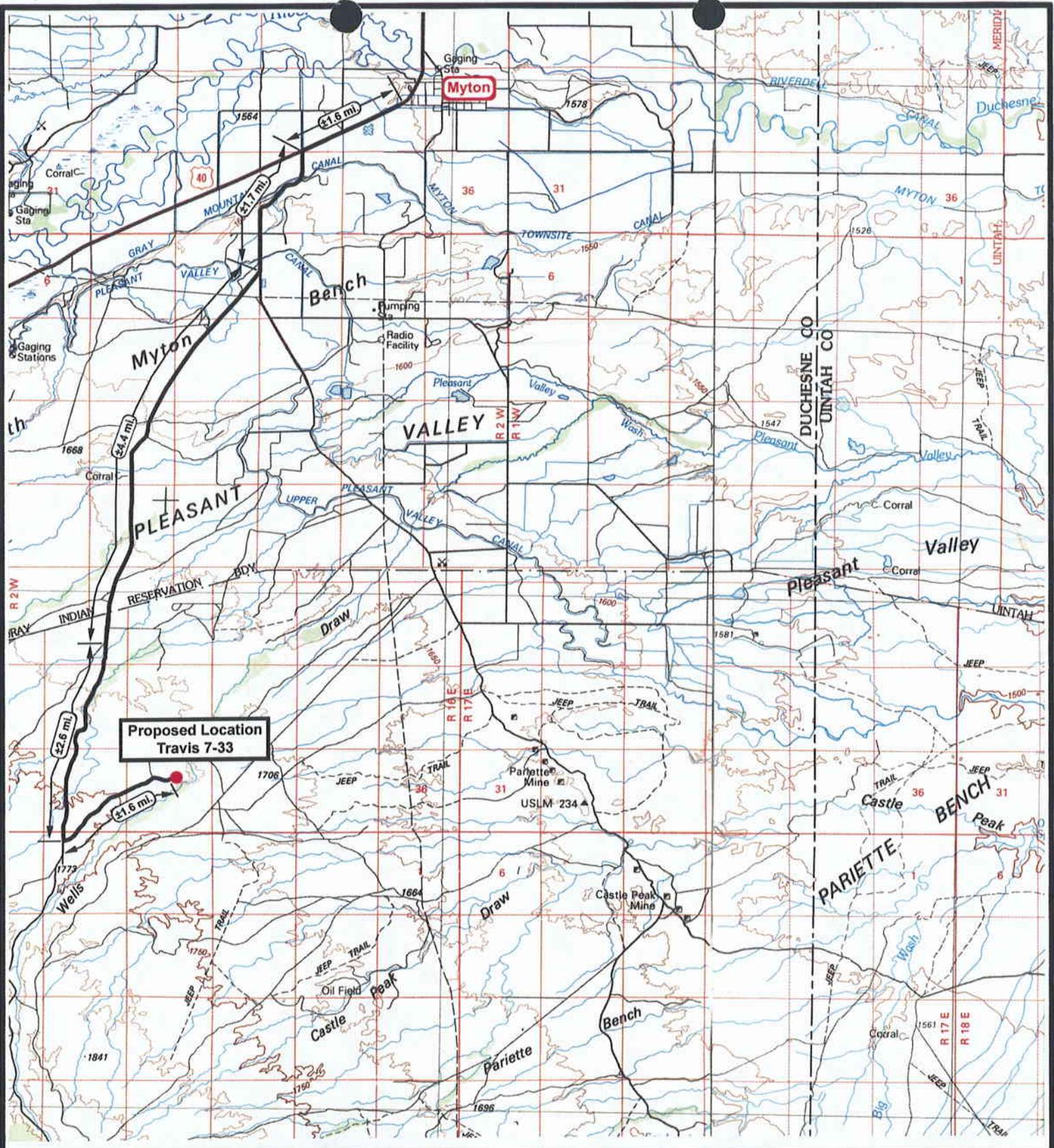
# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

### TRAVIS 7-33



SURVEYED BY: C.M.	SCALE: 1" = 50'	<b>Tri State</b> Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078 (435) 781-2501
DRAWN BY: F.T.M.	DATE: 3-30-05	



**NEWFIELD**  
Exploration Company

**Travis 7-33-8-16**  
**SEC. 33, T8S, R16E, S.L.B.&M.**

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

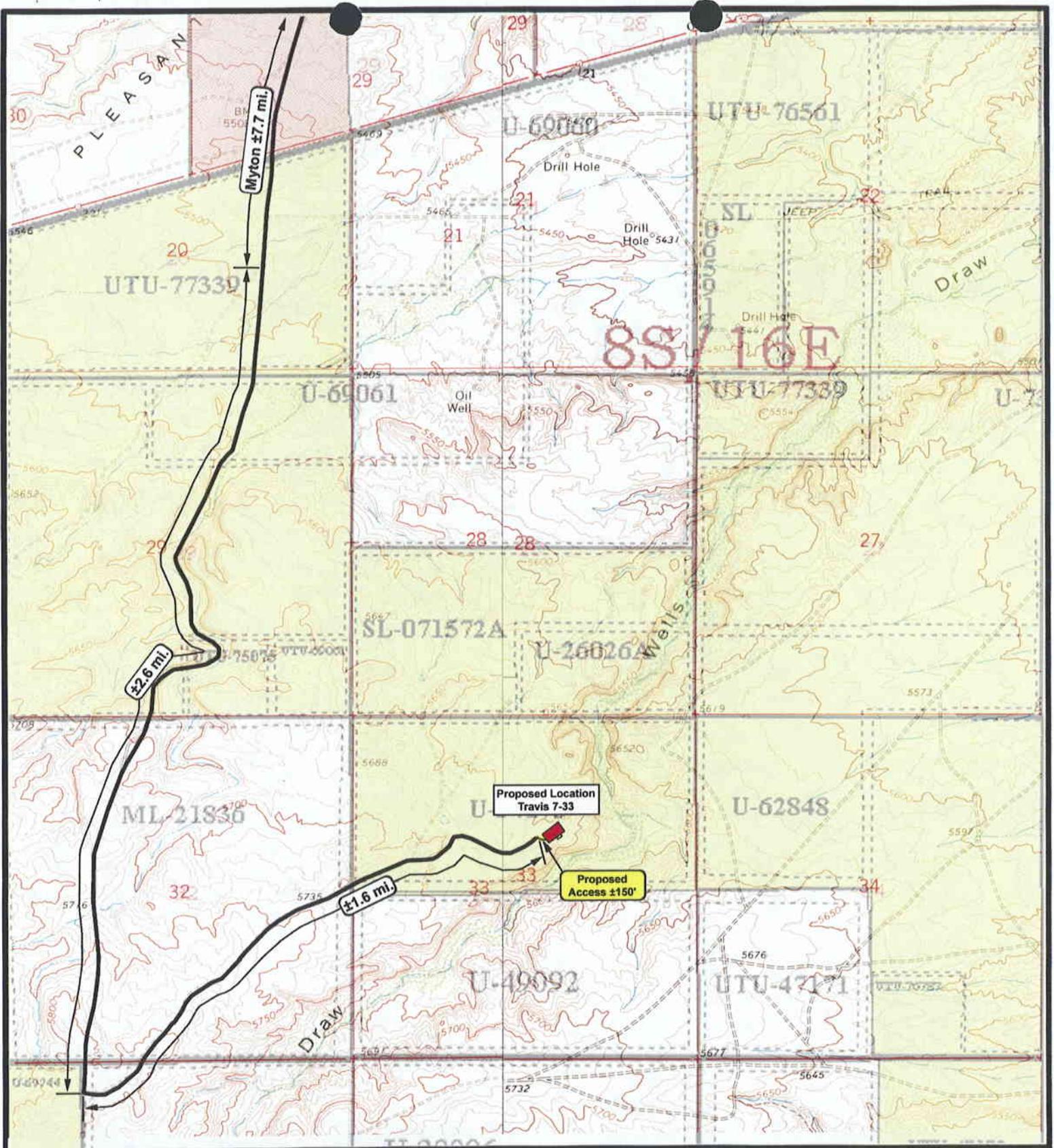
SCALE: 1" = 100,000'  
DRAWN BY: mw  
DATE: 04-05-2005

**Legend**

- Existing Road
- Proposed Access

**TOPOGRAPHIC MAP**

**"A"**



 **NEWFIELD**  
Exploration Company

**Travis 7-33-8-16**  
**SEC. 33, T8S, R16E, S.L.B.&M.**



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

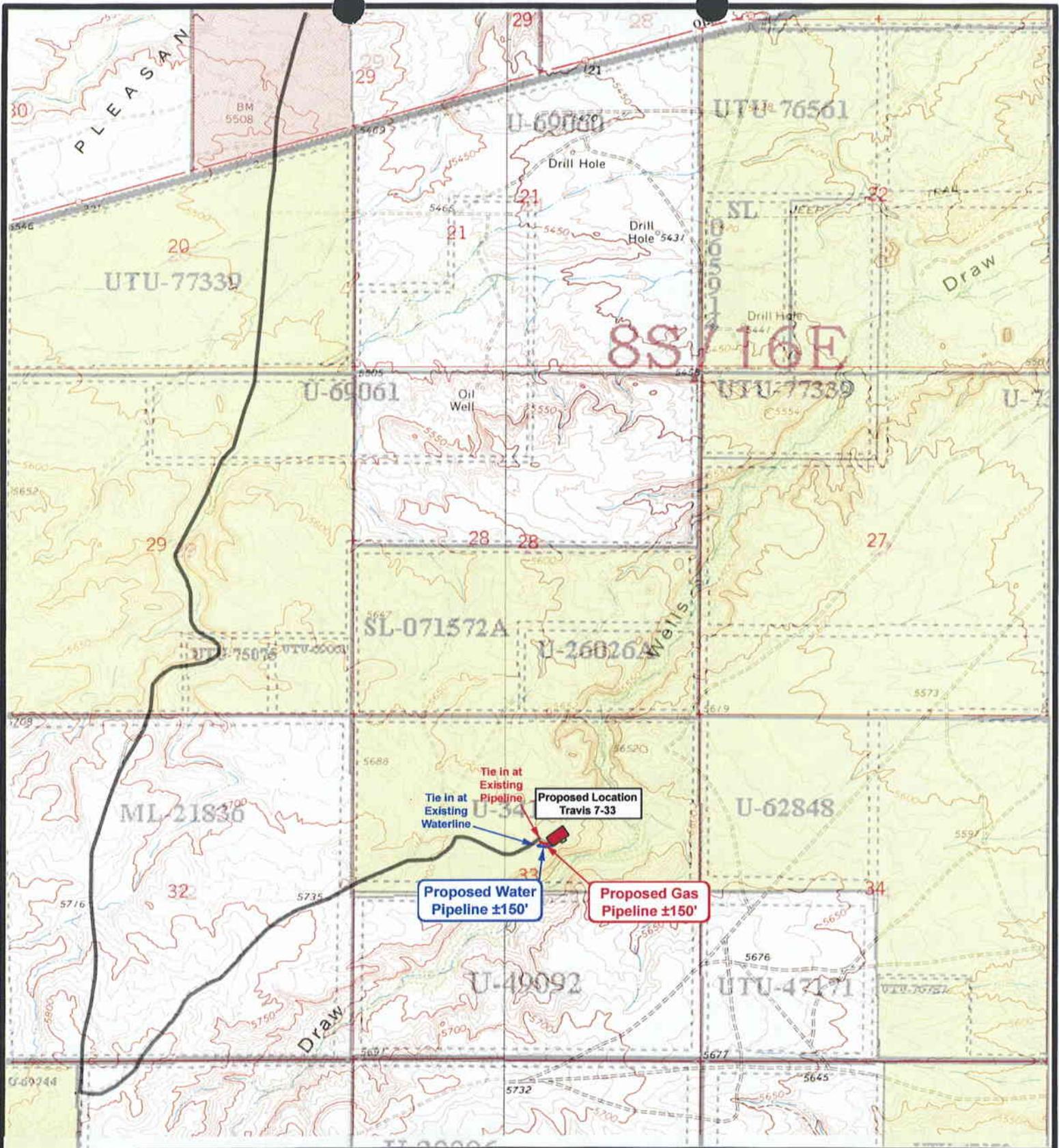
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DRAWN BY: mw  
DATE: 04-05-2005

**Legend**

-  Existing Road
-  Proposed Access

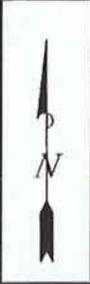
**TOPOGRAPHIC MAP**

**"B"**




**NEWFIELD**  
Exploration Company

**Travis 7-33-8-16**  
**SEC. 33, T8S, R16E, S.L.B.&M.**




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

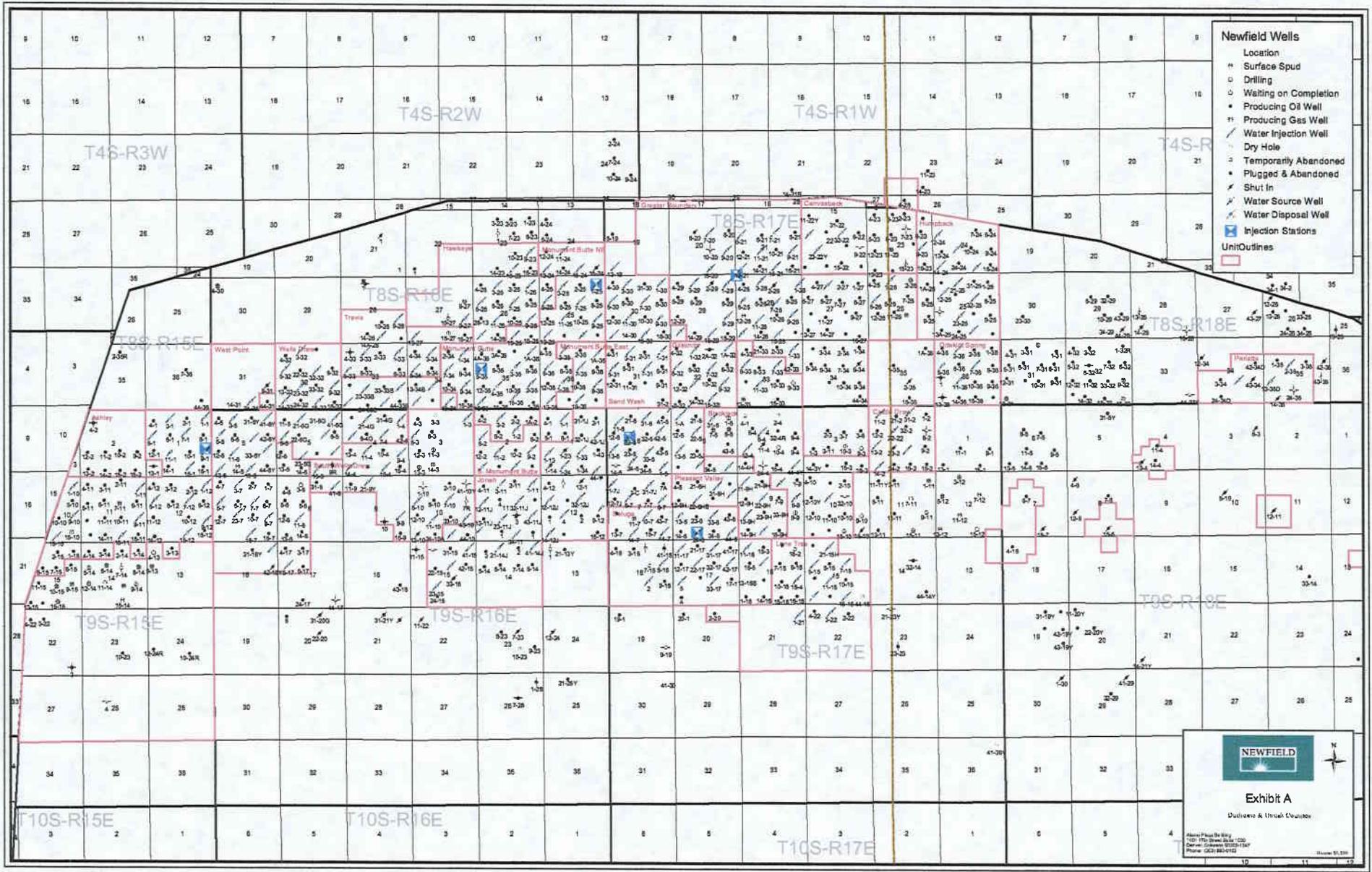
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DATE: 04-05-2005

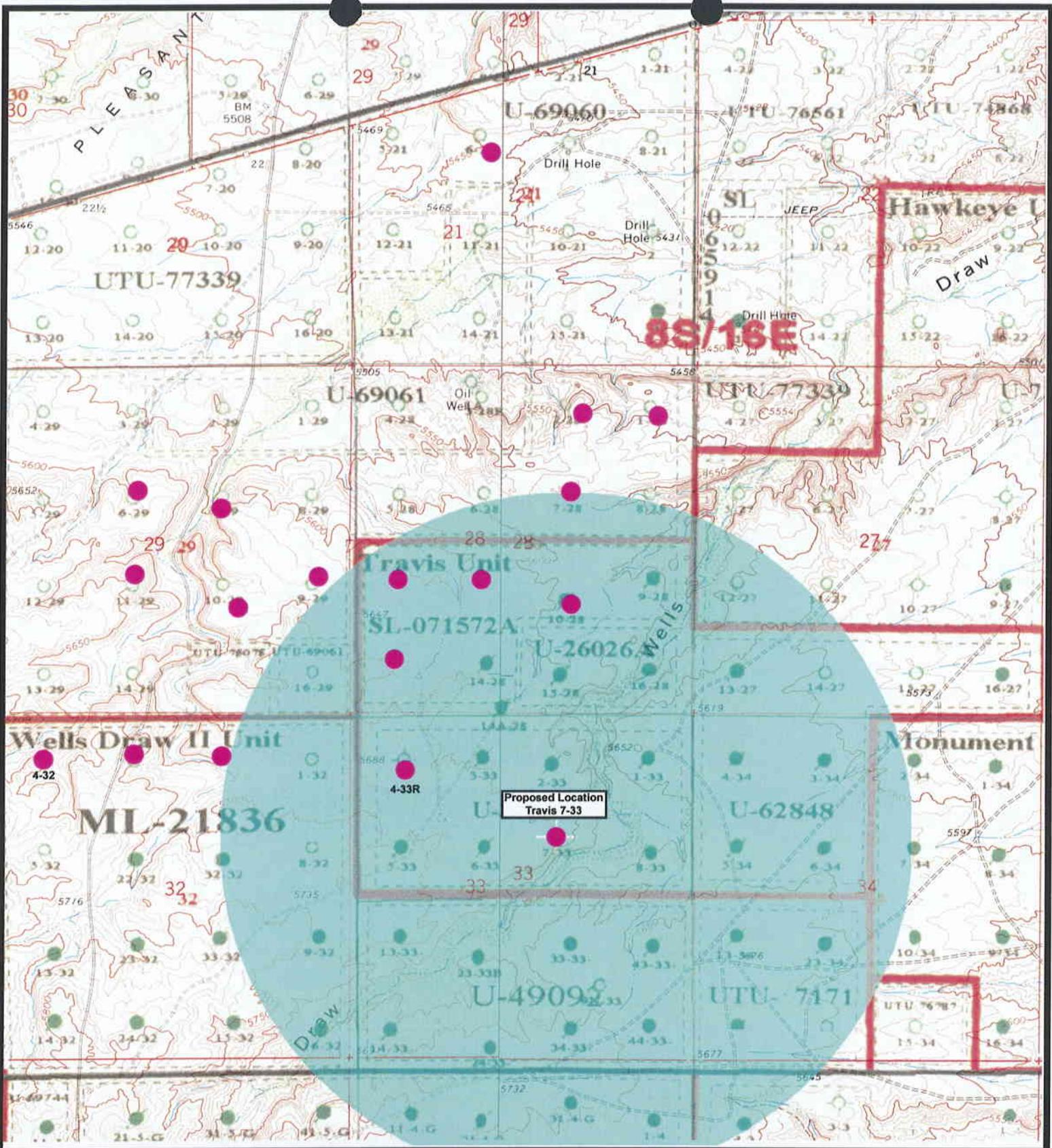
**Legend**

-  Roads
-  Proposed Gas Line
-  Proposed Water Line

**TOPOGRAPHIC MAP**

**"C"**





**NEWFIELD**  
Exploration Company

**Travis 7-33-8-16**  
**SEC. 33, T8S, R16E, S.L.B.&M.**



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

SCALE: 1" = 2000'  
DRAWN BY: mw  
DATE: 04-01-2005

**Legend**

- Location
- One-Mile Radius

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

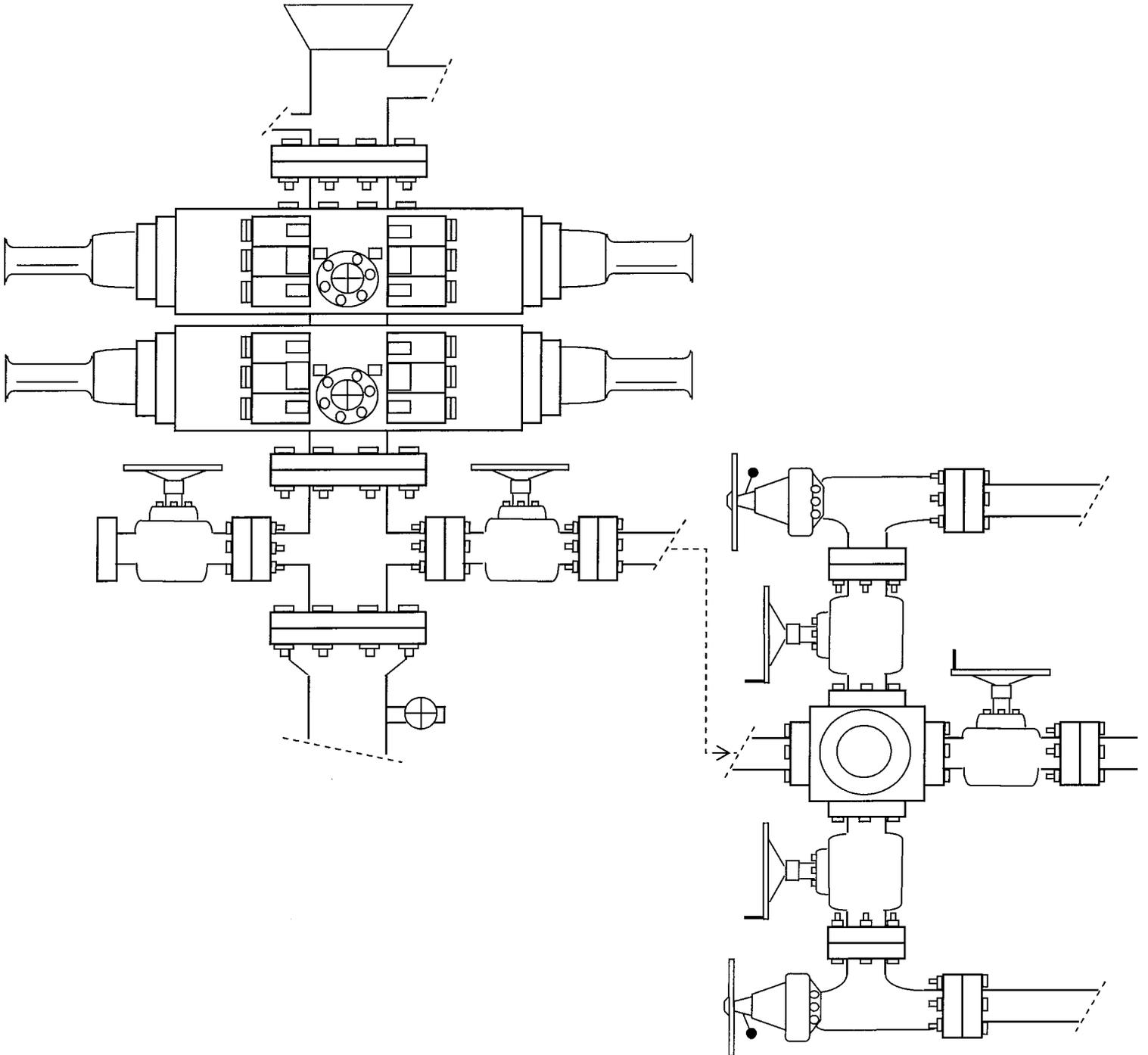


EXHIBIT C

Exhibit "D"  
Page 1 of 4

CULTURAL RESOURCE INVENTORY  
OF NEWFIELD EXPLORATION'S  
TWO 40 ACRE PARCELS FOR PROPOSED  
7-33-8-16 AND 14-29-8-18 WELL LOCATIONS  
UINTAH AND DUCHESNE COUNTIES, UTAH

By:

Rigden A. Glaab  
and  
Keith R. Montgomery

Prepared For:

Bureau of Land Management  
Vernal Field Office

Prepared Under Contract With:  
Newfield Exploration Company  
Route 3 Box 3630  
Myton, UT 84052

Prepared By:

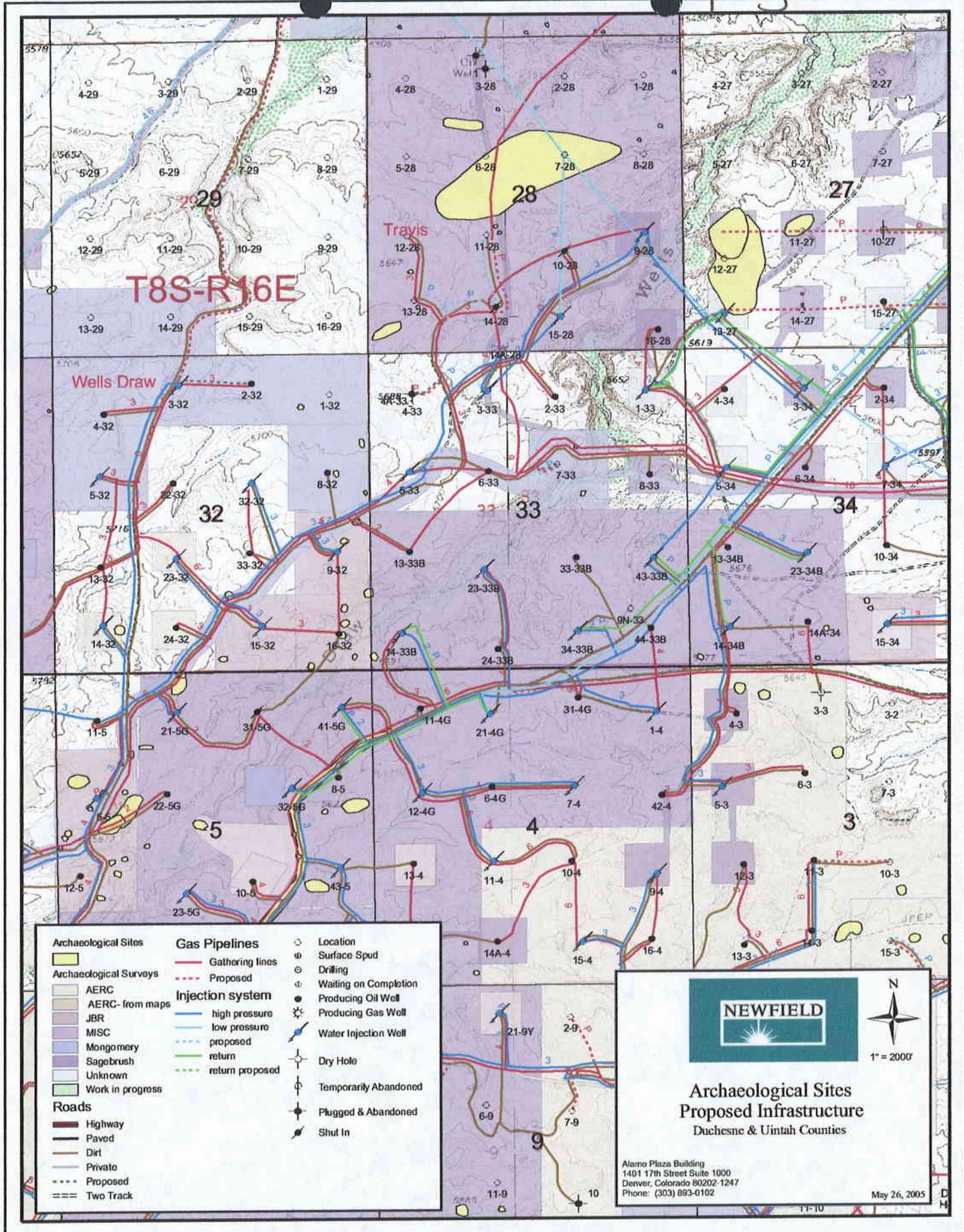
Montgomery Archaeological Consultants  
P.O. Box 147  
Moab, Utah 84532

MOAC Report No. 05-136

May 9, 2005

United States Department of Interior (FLPMA)  
Permit No. 05-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-05-MQ-0363b



<b>Archaeological Sites</b>	<b>Gas Pipelines</b>	○ Location
Yellow shaded area	Red line: Gathering lines	⊕ Surface Spud
<b>Archaeological Surveys</b>	Red dashed line: Proposed	⊙ Drilling
Light brown: AERC	<b>Injection system</b>	⊙ Waiting on Completion
Medium brown: AERC- from maps	Blue line: high pressure	⊙ Producing Oil Well
Dark brown: JBR	Light blue line: low pressure	⊙ Producing Gas Well
Light purple: MISC	Blue dashed line: proposed	⊙ Water Injection Well
Dark purple: Montgomery	Blue dotted line: return	⊙ Dry Hole
Light blue: Sagebrush	Blue dash-dot line: return proposed	⊙ Temporarily Abandoned
White: Unknown		⊙ Plugged & Abandoned
Light green: Work in progress		⊙ Shut In
<b>Roads</b>		
Thick black line: Highway		
Thin black line: Paved		
Thin brown line: Dirt		
Thin blue line: Private		
Dotted black line: Proposed		
Double dashed black 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

May 26, 2005

**NEWFIELD PRODUCTION COMPANY**

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

Section 3, T 9 S, R 17 E [NE 1/4 & NW 1/4, NE 1/4 and NE 1/4, NW 1/4  
& SW 1/4, NW 1/4, and NE 1/4 & NW 1/4, SE 1/4]; Section 18, T 9 S, R 16 E  
[excluding NE 1/4, NW 1/4, & SE 1/4, NE 1/4]; Section 15, T 9 S, R 17 E [SE 1/4/ NE 1/4];  
Section 18, T 9 S, R 17 E [western half of section plus SE 1/4 & SW 1/4, SE 1/4];  
Section 33, T 8 S, R 16 E [NW 1/4, NW 1/4 and SW 1/4, NE 1/4]

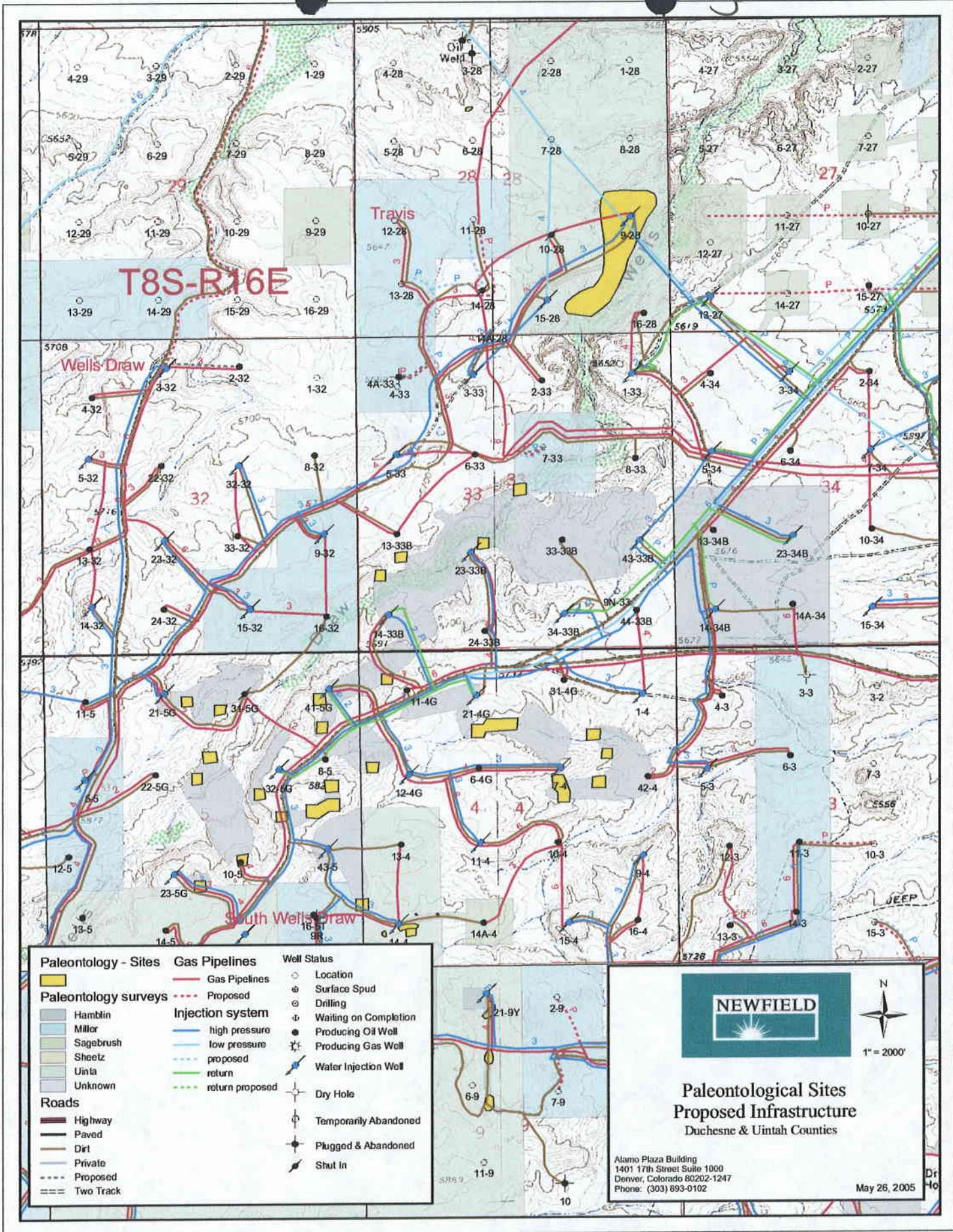
**REPORT OF SURVEY**

Prepared for:

**Newfield Production Company**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
May 11, 2005



T8S-R16E

Travis

Wells Draw

South Wells Draw

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

May 26, 2005

WORKSHEET

APPLICATION FOR PERMIT TO DRILL

005

APD RECEIVED: 05/31/2005

API NO. ASSIGNED: 43-013-32798

WELL NAME: TRAVIS FED 7-33-8-16

OPERATOR: NEWFIELD PRODUCTION ( N2695 )

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWNE 33 080S 160E  
SURFACE: 1874 FNL 2169 FEL  
BOTTOM: 1874 FNL 2169 FEL  
DUCHESNE  
MONUMENT BUTTE ( 105 )

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

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-34173

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

LATITUDE: 40.07654

LONGITUDE: -110.1220

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UT0056 )
- 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 TRAVIS
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: 213-2A  
Eff Date: 8-29-1997  
Siting: Suspends General Siting
- R649-3-11. Directional Drill

COMMENTS:

See Separate file

STIPULATIONS:

1-Federal Approval



OPERATOR: NEWFIELD PROD CO (N2695)  
 SEC: 33 T. 8S R. 16E  
 FIELD: MONUMENT BUTTE (105)  
 COUNTY: DUCHESNE  
 CAUSE: 213-2A / 8-29-1997



- | 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   |              |
| Δ WATER INJECTION     |                |              |
| ⊕ WATER SUPPLY        |                |              |
| ⊕ WATER DISPOSAL      |                |              |



PREPARED BY: DIANA WHITNEY  
 DATE: 6-JUNE-2005

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

**IN REPLY REFER TO:**

3160

(UT-922)

June 7, 2005

Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2005 Plan of Development Travis Unit,  
Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well is planned for calendar year 2005 within the Travis Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ Green River)

43-013-32798 Travis Fed 7-33-8-16 Sec 33 T08S R16E 1874 FNL 2169 FEL

This office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

bcc: File - Travis Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:6-7-05

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

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

June 7, 2005

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

Re: Travis Federal 7-33-8-16 Well, 1874' FNL, 2169' FEL, SW NE, Sec. 33,  
T. 8 South, R. 16 East, Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32798.

Sincerely,

Gil Hunt  
Acting Associate Director

pab  
Enclosures

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

Operator: Newfield Production Company

Well Name & Number Travis Federal 7-33-8-16

API Number: 43-013-32798

Lease: UTU-34173

Location: SW NE                      Sec. 33                      T. 8 South                      R. 16 East

### Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

RECEIVED

MAY 31 2005

BLM VERNAL, UTAH

Form 3160-3  
(September 2001)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.

UTU-34173

6. If Indian, Allottee or Tribe Name

N/A

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

Travis

8. Lease Name and Well No.

Travis Federal 7-33-8-16

9. API Well No.

43013 32798

10. Field and Pool, or Exploratory

Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area

SW/NE Sec. 33, T8S R16E

1a. Type of Work:  DRILL  REENTER

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

2. Name of Operator  
Newfield Production Company

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

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

4. Location of Well (Report location clearly and in accordance with any State requirements.\*)

At surface SW/NE 1874' FNL 2169' FEL  
At proposed prod. zone

14. Distance in miles and direction from nearest town or post office\*

Approximatley 11.9 miles southwest of Myton, Utah

12. County or Parish

Duchesne

13. State

UT

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 766' f/lse, 766 f/unit

16. No. of Acres in lease

320.00

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. 1123'

19. Proposed Depth

6365'

20. BLM/BIA Bond No. on file

UT0056

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

5665' GL

22. Approximate date work will start\*

3rd Quarter 2005

23. Estimated duration

Approximately seven (4) days from spud to rig release.

24. Attachments

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

- 1. Well plat certified by a registered surveyor.
- 2. A Drilling Plan.
- 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

- 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- 5. Operator certification.
- 6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature *Mandie Crozier*  
Title Regulatory Specialist

Name (Printed/Typed)  
Mandie Crozier

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date 5/24/05

Approved by (Signature) *Peter K Spokolnik*  
Title Assistant Field Manager  
Mineral Resources

Name (Printed/Typed)  
PETER K SPOKOLNIK  
Office VERNAL FIELD OFFICE

Date DEC 2 2005

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)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

DEC 12 2005

DIV. OF OIL, GAS & MINING

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Operator/Company: INewfield Production Co.

Well Name/Number: Travis Federal 7-33-8-16

API Number: 43-013-32798

Location: SWNE Sec Tship Rng.: 33, T8S, R16E

Lease Number: UTU-34173

Agreement Name (If Applicable): N/A

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

**CONDITIONS OF APPROVAL FOR NOTICE TO DRILL**

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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

**Please submit an electronic copy of all logs run on this well in LAS format. 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 or other).**

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

Michael Lee (435) 828-7875  
Petroleum Engineer

Matt Baker (435) 828-4470  
Petroleum Engineer

BLM FAX Machine (435) 781-4410

Company/Operator: Newfield Production Company

API Number 43-013-32798

Well Name & Number: Travis Federal 7-33-8-16

Lease Number: U- 34173

Location: SWNE Sec. 33 T. 8 S. R. 16 E.

Surface Ownership: BLM

Date NOS Received: None

Date APD Received: May 31, 2005

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 Eight Mile 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.

4 to 6 inches of topsoil shall be stripped from the location and placed where it can most easily be accessed for interim reclamation. Once the well has been converted to water injection, the fill slopes shall be recontoured and the topsoil shall be spread over the entire well location. The well location shall then be seeded with crested wheatgrass (Variety Hycrest) at a 12 lb/acre rate (pure live seed). After seeding has been completed, an access road loop to the well head can be established. The reserve pit will be allowed to stay open until interim reclamation is completed so the entire area can be seeded at the same time. The interim seeding of the well location and reserve pit shall be done by either drilling the seed or by broadcasting the seed and dragging it with a spike tooth harrow.

The pipeline trench shall be dug in the borrow ditch of the road and the trench material side cast into the existing vegetation. Both the water line and the gas line shall be buried in the same trench. When backfilling the trenches, care should be taken to disturb as little of the vegetation as possible and thus allowing the existing plants to reestablish on their own, however, these disturbed areas should 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.

The temporary gas lines used during the temporary production phase shall be laid on the surface, and then removed once the well is turned to water injection.

No pipeline construction will be allowed 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.

**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-34173**

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

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

8. Well Name and No.  
**TRAVIS FEDERAL 7-33-8-16**

9. API Well No.  
**43-013-32798**

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

11. County or Parish, State

**DUCHESNE COUNTY, UT.**

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well   
  Gas Well   
  Other

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

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**1874 FNL 2169 FEL SW/NE Section 33, T8S R16E**

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

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

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

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

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 6/07/05 (expiration 6/07/06).

**Approved by the  
Utah  
Oil, Gas & Mining**

Date: 06/05/06  
By: [Signature]

COPY SENT TO OPERATOR  
Date: 10/16/06  
Initials: [Signature]

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

Signed: Mandie Crozier Title: Regulatory Specialist Date: 6-1-2006  
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

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

**RECEIVED**  
**JUN 02 2006**  
DIV. OF OIL, GAS & MINING



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

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

**API:** 43-013-32798  
**Well Name:** Travis Federal 7-33-8-16  
**Location:** SW/NE Section 33, T8S R16E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 6/7/2005

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

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

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

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

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

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

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

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

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

Mandi Crozier  
Signature

6/1/2006  
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

JUN 02 2006

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-34173
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. Travis
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Travis Federal 7-33-8-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/NW 1997' FNL 197' FWL At proposed prod. zone SW/NE 1979' FNL 1977' FEL		9. API Well No. 43-013-32798
14. Distance in miles and direction from nearest town or post office* Approximatley 11.7 miles southwest of Myton, Utah		10. Field and Pool, or Exploratory Monument Butte 105
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 661' f/lse, 661' f/unit	16. No. of Acres in lease 320.00	11. Sec., T., R., M., or Blk. and Survey or Area SE/NW Sec. 33, T8S R16E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1328'	19. Proposed Depth 6460'	12. County or Parish Duchesne
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5675' GL	22. Approximate date work will start* 3rd Quarter 2007	13. State UT
17. Spacing Unit dedicated to this well 40 Acres		
20. BLM/BIA Bond No. on file UTB000192		
23. Estimated duration Approximately seven (4) days from apud 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 	Name (Printed/Typed) Mandie Crozier	Date 3/29/07
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 04-23-07
Title Office	ENVIRONMENTAL MANAGER	

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

MAR 30 2007

DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR  
Date: 4-23-07  
Initials: PM

Surv f 574515X  
4436371Y  
40.076204  
-110.126106

BHL 574920X  
4436379Y  
40.076244  
-110.121349

**NEWFIELD PRODUCTION COMPANY  
TRAVIS FEDERAL #7-33-8-16  
AT PROPOSED ZONE: SW/NE SECTION 33, T8S, R16E  
AT SURFACE: SE/NW SECTION 33, T8S, R16E  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**DRILLING PROGRAM**

**1. GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

**2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 2440'
Green River	2440'
Wasatch	6460'

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

Green River Formation 2440' – 6460' - Oil

**4. PROPOSED CASING PROGRAM**

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

**5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

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

**6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

Please refer to the Monument Butte Field SOP.

**7. AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Please refer to the Monument Butte Field SOP.

**8. TESTING, LOGGING AND CORING PROGRAMS:**

Please refer to the Monument Butte Field SOP.

**9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

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

**10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY  
TRAVIS FEDERAL #7-33-8-16  
AT PROPOSED ZONE: SW/NE SECTION 33, T8S, R16E  
AT SURFACE: SE/NW SECTION 33, T8S, R16E  
DUCHESNE 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 Travis Federal #7-33-8-16 located in the SE 1/4 NW 1/4 Section 33, T8S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southwesterly along Hwy 53 - 1.7 miles  $\pm$  to its junction with an existing road to the southwest; proceed southwesterly - 7.0 miles  $\pm$  to its junction with an existing road to the northeast; proceed northeasterly - 1.4 miles  $\pm$  to the existing 6-33-8-16 well location.

**2. PLANNED ACCESS ROAD**

The proposed well will be drilled directionally off of the existing 6-33-8-16 well pad. 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**

It is proposed that this well will be drilled directionally off of the existing 6-33-8-16 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Travis Federal 7-33-8-16. All permanent surface equipment will be painted Carlsbad Canyon.

**5. LOCATION AND TYPE OF WATER SUPPLY**

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

**6. SOURCE OF CONSTRUCTION MATERIALS**

The proposed Travis Federal 7-33-8-16 will be drilled off of the existing 6-33-8-16 well pad. No additional surface disturbance will be required for this location.

**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 (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

**Water Disposal**

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

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

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

**Golden Eagle:** Due to this proposed well access roads proximity (less than 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between February 1 and July 15. If the nest remains inactive on July 15<sup>th</sup> (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location between July 15 and February 1 of the following year. If the nest site becomes active prior to July 15, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

**Mountain Plover:** If new construction or surface disturbing activities are scheduled to occur between May 1 and June 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities will be allowed between March 15 and August 15 within a 0.5 mile radius of any documented mountain plover nest site.

**Reserve Pit Liner**

A 16 mil liner is required. Please refer to the Monument Butte Field SOP.

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

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

Shadscale

*Atriplex Confertifolia*

4 lbs/acre

Galletta Grass  
Gardner Saltbush

*Hilaria Jamesii*  
*Atriplex Corrugata*

5 lbs/acre  
3 lbs/acre

**Details of the On-Site Inspection**

The proposed Travis Federal #7-33-8-16 was on-sited on 11/22/06. The following were present; Dave Allred (Newfield Production), Kim Kettle (Newfield Production), Charles Sharp (Bureau of Land Management), and Brandon MacDonald (Bureau of Land Management). Weather conditions were clear and ground cover was 100 percent open.

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

Representative

Name: Dave Allred  
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 #7-33-8-16 SW/NE Section 33, Township 8S, Range 16E: Lease UTU-34173 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

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

3/29/07

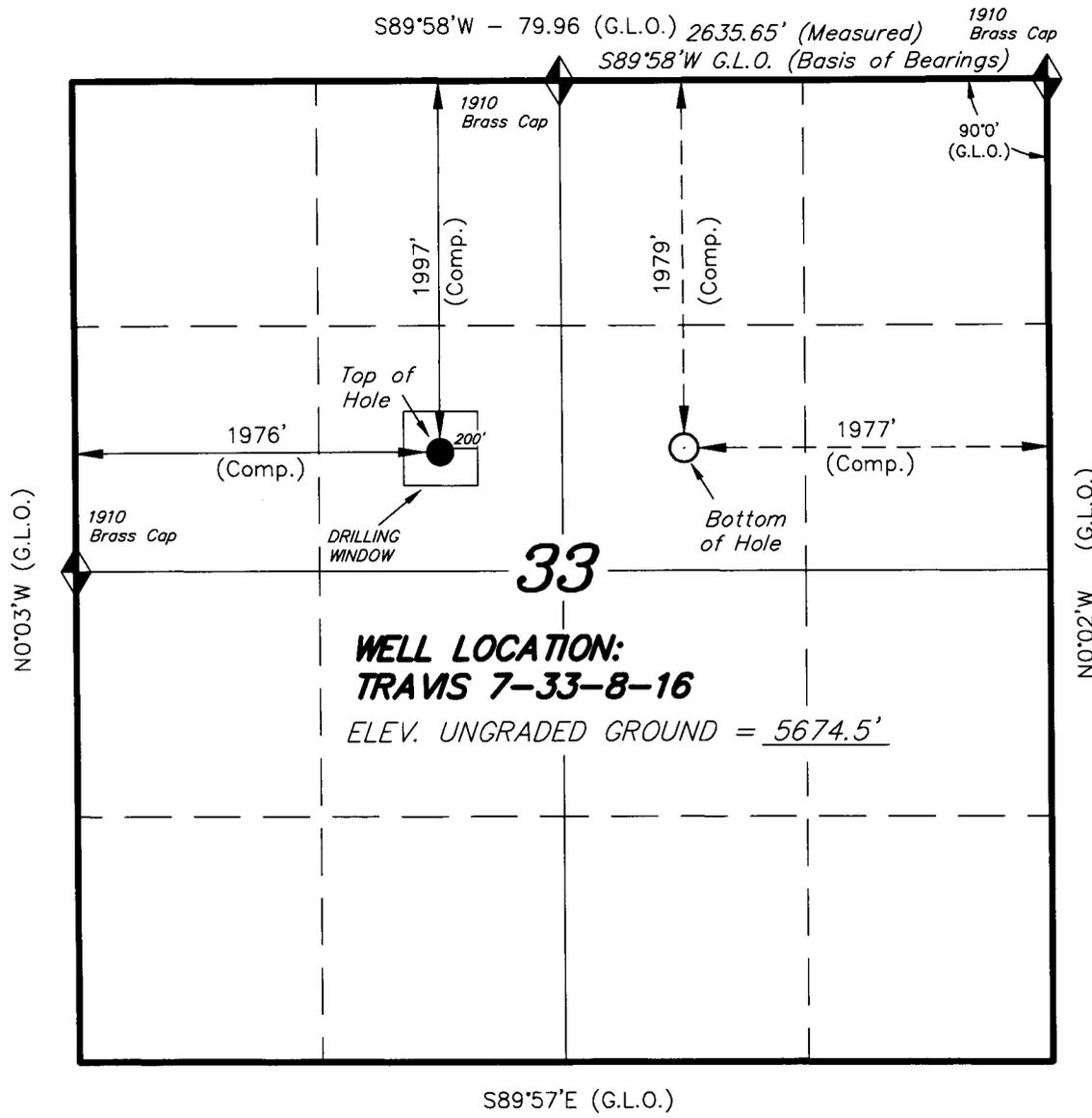
Date



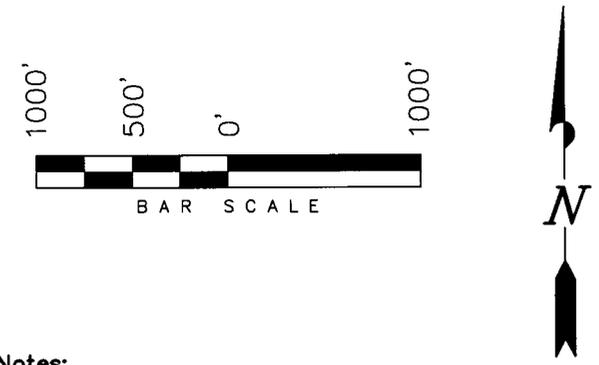
Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

# T8S, R16E, S.L.B.&M.

# NEWFIELD PRODUCTION COMPANY



WELL LOCATION, TRAVIS 7-33-8-16,  
 LOCATED AS SHOWN IN THE SE 1/4 NW  
 1/4 OF SECTION 33, T8S, R16E,  
 S.L.B.&M. DUCHESNE COUNTY, UTAH.

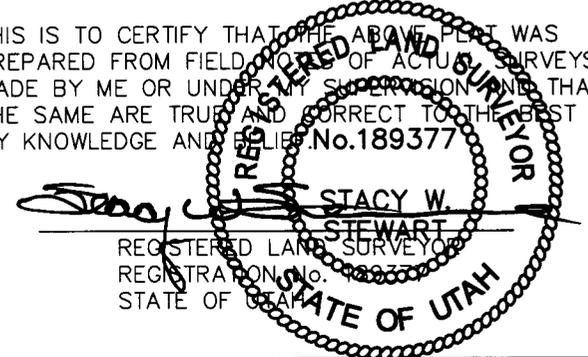


**Notes:**

1. The Proposed Well head bears S18°24'50"W 2103.73' from the North 1/4 Corner of Section 33.
2. The Bottom of hole bears N89°13'45"E 1324.17' from the Top of Hole.

**WELL LOCATION:**  
**TRAVIS 7-33-8-16**  
 ELEV. UNGRADED GROUND = 5674.5'

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



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

DATE SURVEYED: 09-25-06	SURVEYED BY: C.M.
DATE DRAWN: 09-27-06	DRAWN BY: T.C.J.
REVISED:	SCALE: 1" = 1000'

**TRAVIS 7-33-8-16**  
 (Surface Location) NAD 83  
 LATITUDE = 40° 04' 34.36"  
 LONGITUDE = 110° 07' 36.65"

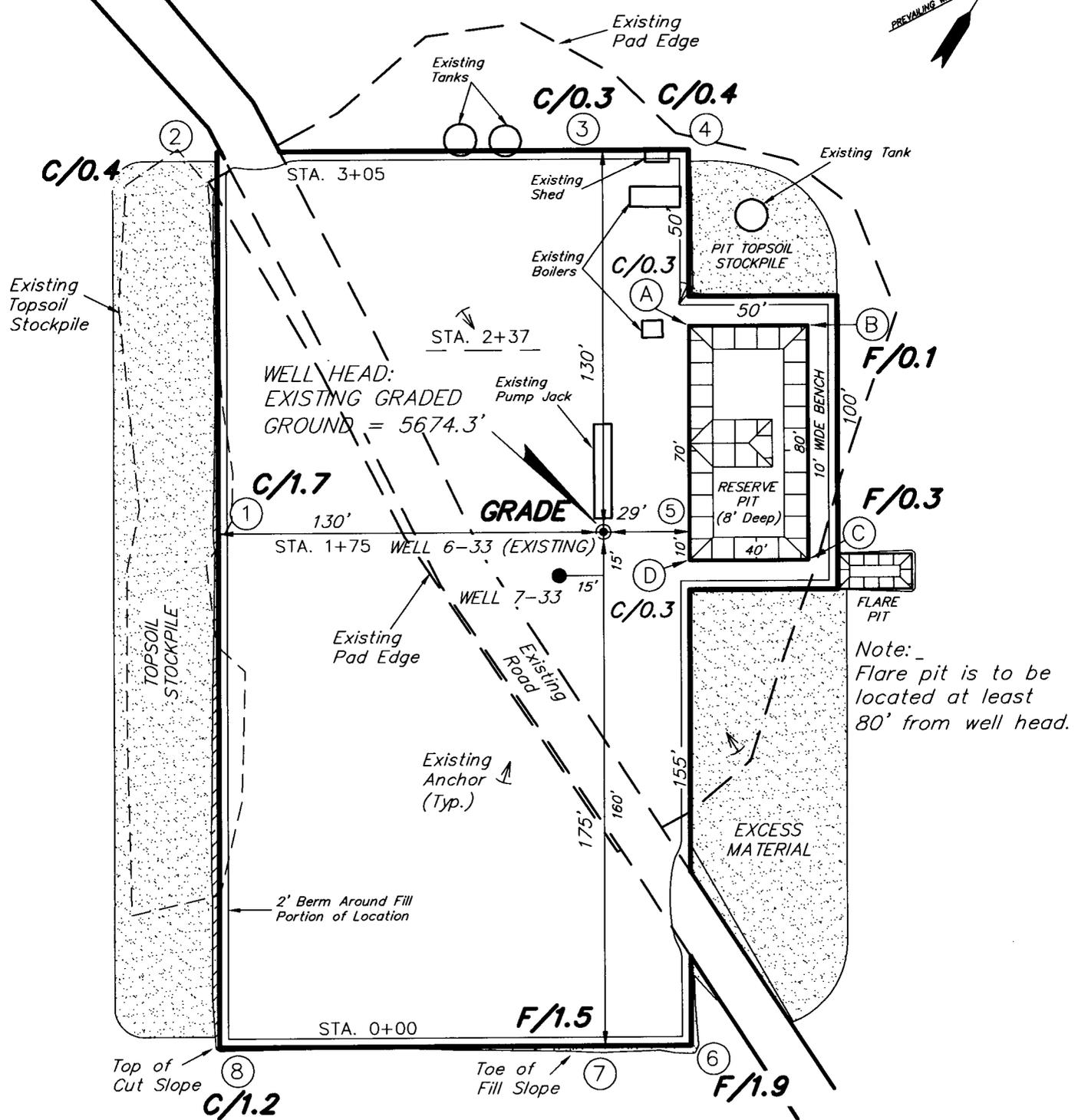
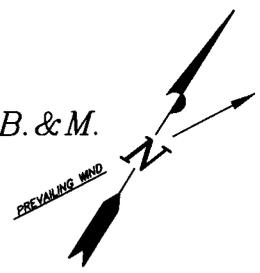
◆ = SECTION CORNERS LOCATED  
 BASIS OF ELEV;  
 U.S.G.S. 7-1/2 min QUAD (MYTON SW)

# NEWFIELD PRODUCTION COMPANY

**Travis 7-33-8-16 (Proposed Well)**

**Travis 6-33-8-16 (Existing Well)**

Pad Location: SENW Section 33, T8S, R16E, S.L.B.&M.



Note: Flare pit is to be located at least 80' from well head.

**Note:**  
Pad Expansion is necessary to facilitate Drilling Equipment

SURVEYED BY: C.M.	SCALE: 1" = 50'	<b>Tri State Land Surveying, Inc.</b> 180 NORTH VERNAL AVE. VERNAL, UTAH 84078
DRAWN BY: T.C.J.	DATE: 09-27-06	

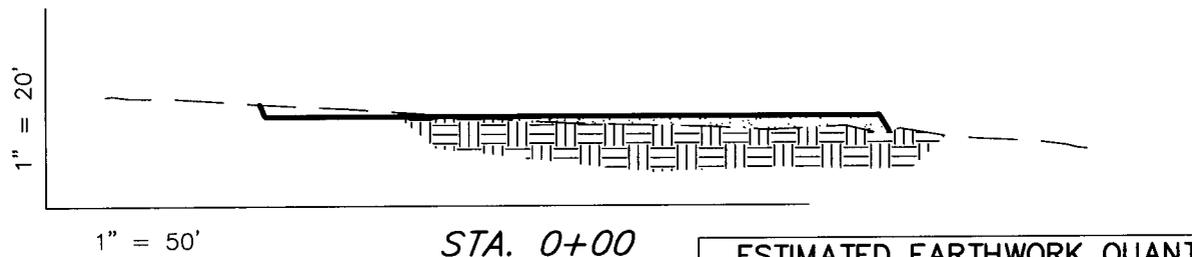
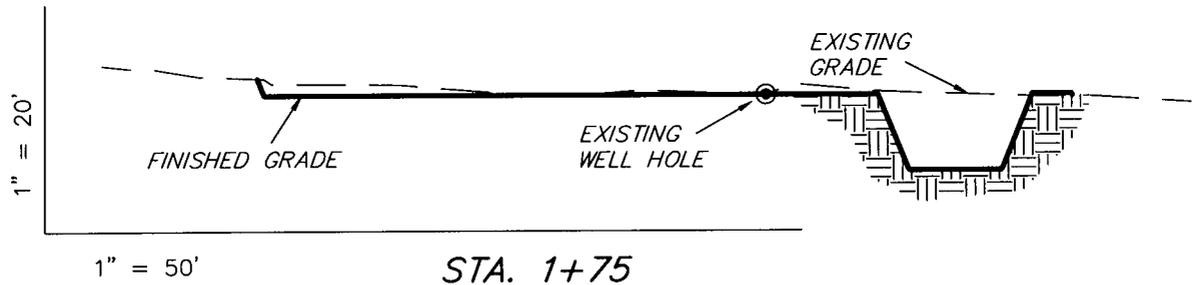
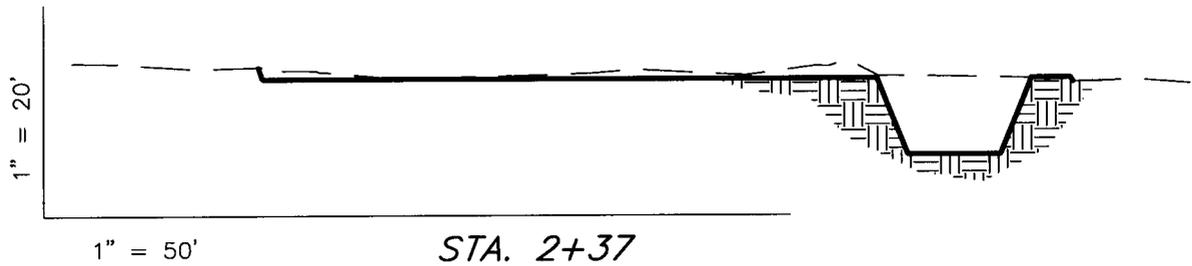
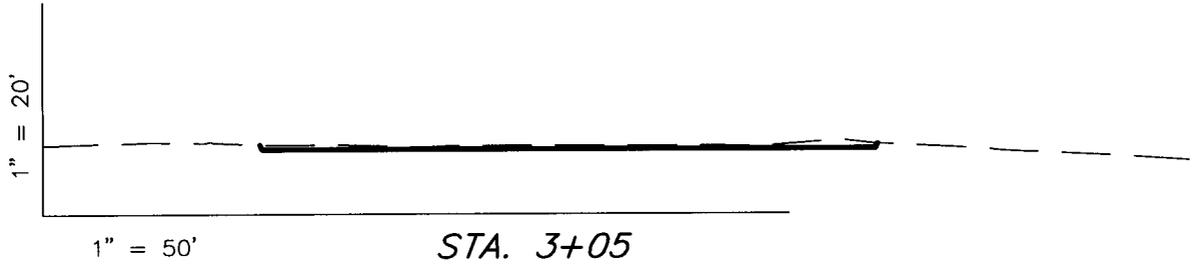
(435) 781-2501

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS

Travis 7-33-8-16 (Proposed Well)

Travis 6-33-8-16 (Existing Well)



NOTE:  
UNLESS OTHERWISE NOTED  
CUT SLOPES ARE AT 1:1  
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	690	90	Topsoil is not included in Pad Cut	600
PIT	640	0		640
TOTALS	1,330	90	490	1,240

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: T.C.J.

DATE: 09-27-06

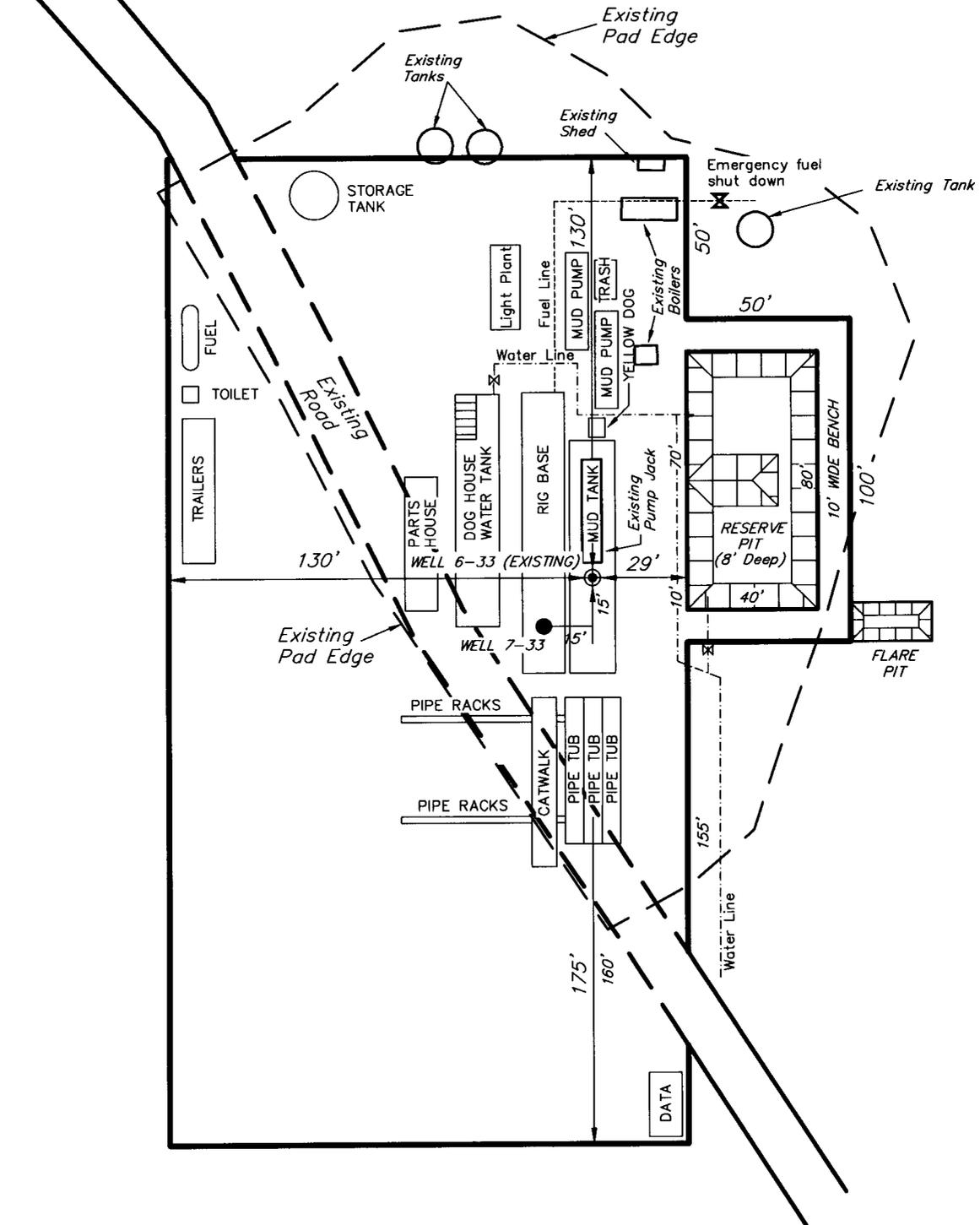
Tri State  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
(435) 781-2501

# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

Travis 7-33-8-16 (Proposed Well)

Travis 6-33-8-16 (Existing Well)



REVISED:

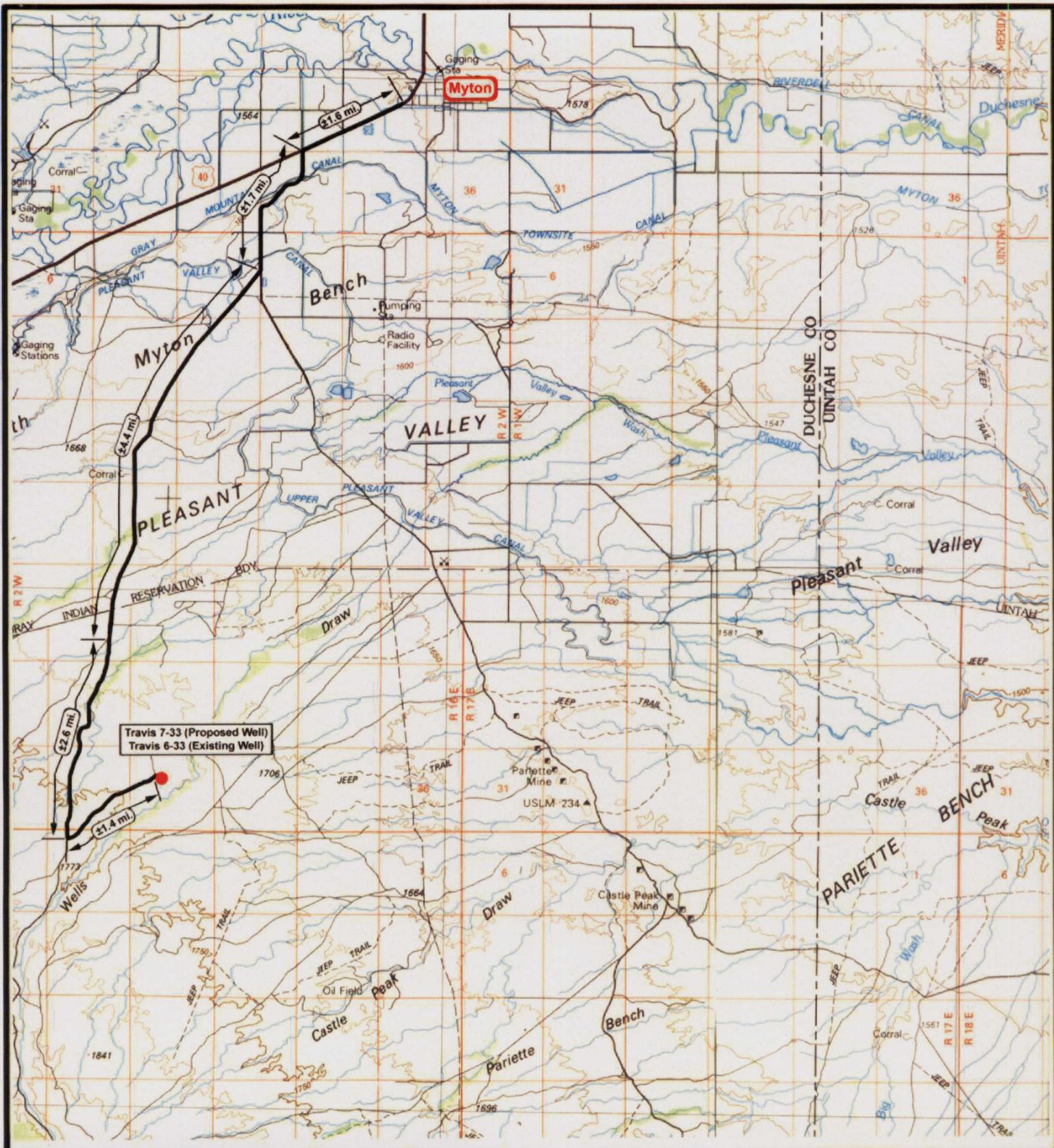
SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: T.C.J.

DATE: 09-27-06

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




  
**NEWFIELD**  
 Exploration Company

---

**Travis 7-33-8-16 (Proposed Well)**  
**Travis 6-33-8-16 (Existing Well)**  
 Pad Location: SENW SEC. 33, T8S, R16E, S.L.B.&M.




  
**Tri-State**  
 Land Surveying Inc.  
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 180 North Vernal Ave. Vernal, Utah 84078

---

SCALE: 1" = 100,000'  
 DRAWN BY: mw  
 DATE: 10-10-2006

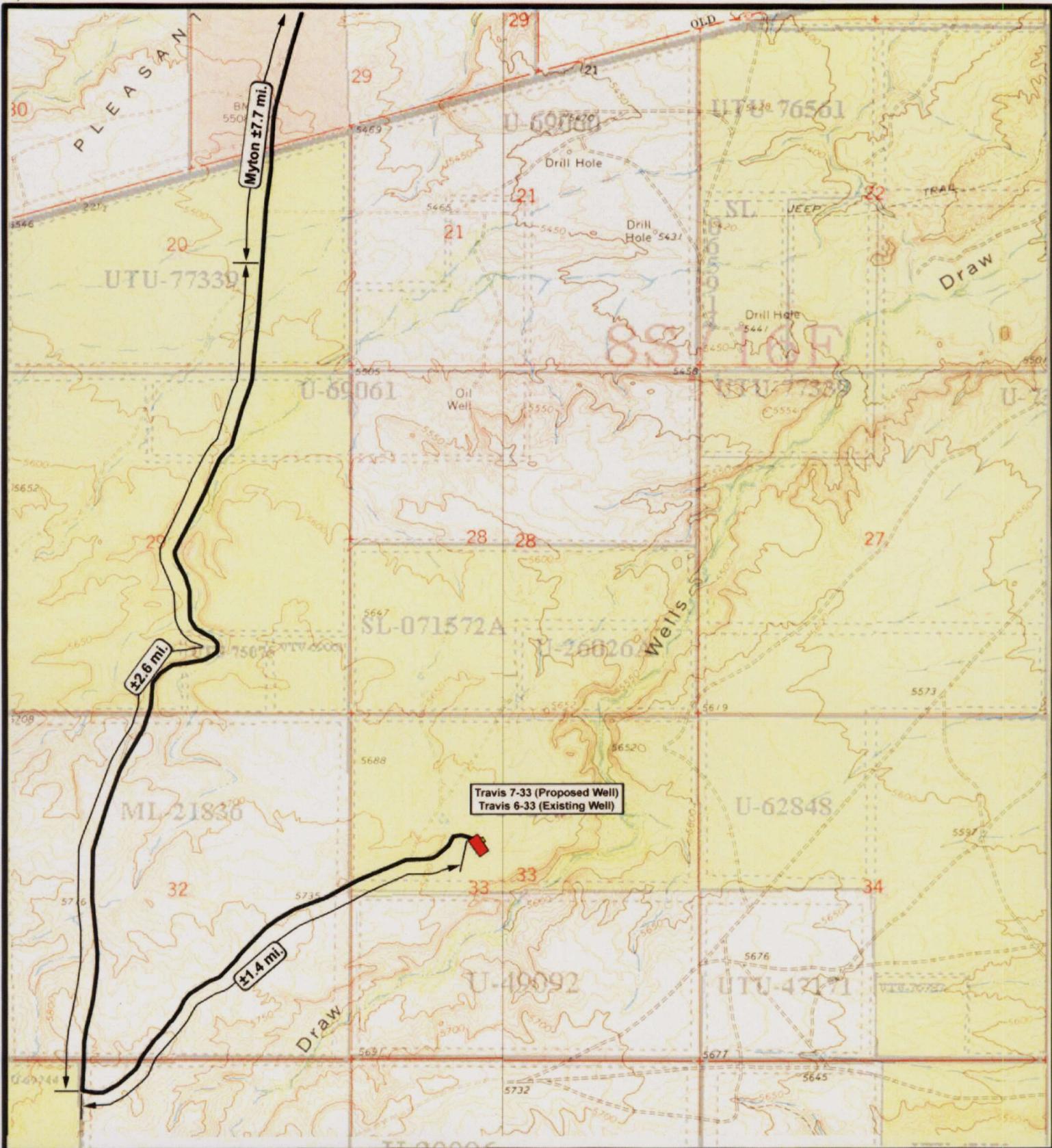
**Legend**

---

-  Existing Road
-  Proposed Access

---

**TOPOGRAPHIC MAP**  
"A"



Travis 7-33 (Proposed Well)  
Travis 6-33 (Existing Well)

 **NEWFIELD**  
Exploration Company

**Travis 7-33-8-16 (Proposed Well)**  
**Travis 6-33-8-16 (Existing Well)**  
Pad Location: SENW SEC. 33, T8S, R16E, S.L.B.&M.



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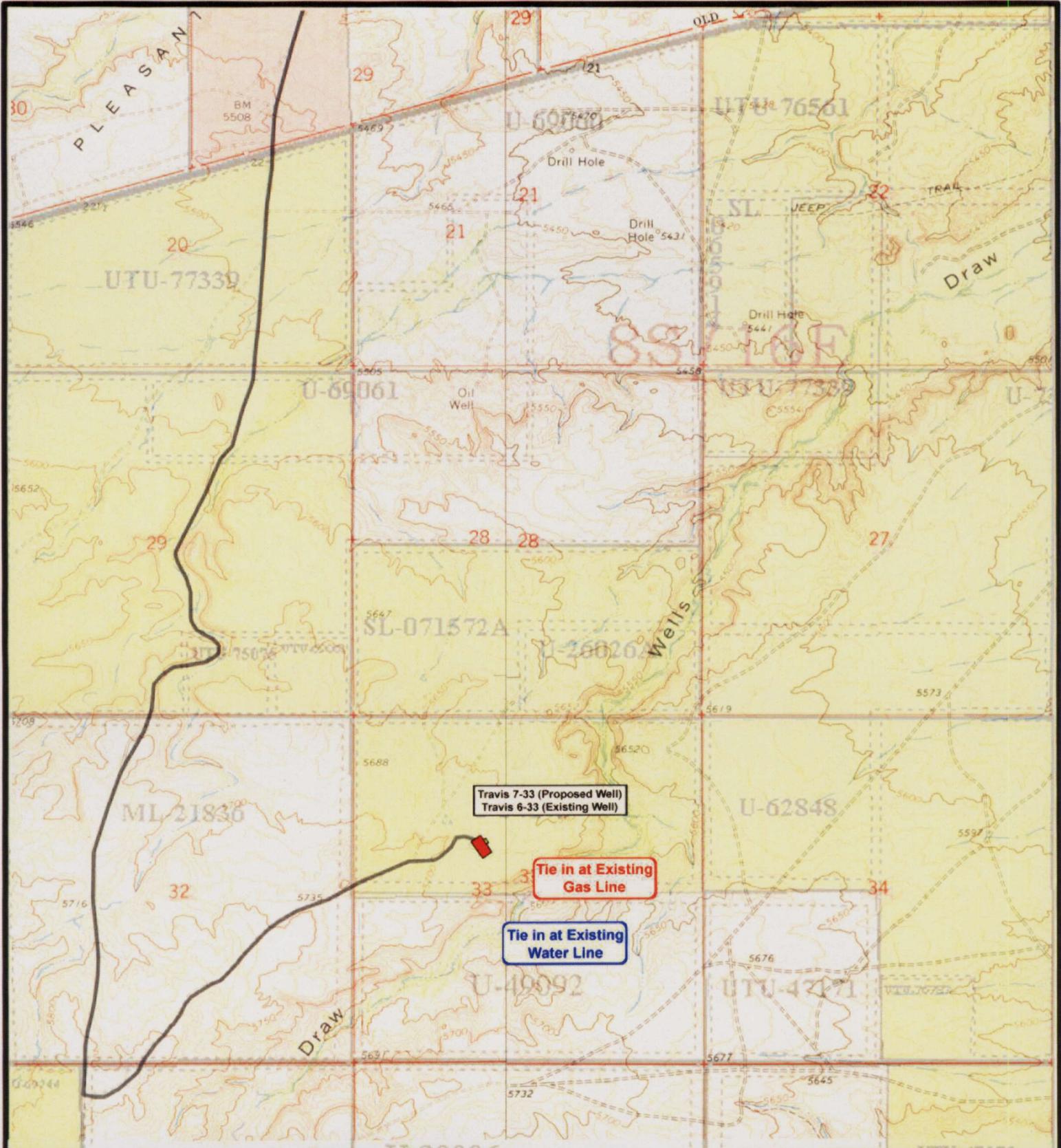
SCALE: 1" = 2000'  
DRAWN BY: mw  
DATE: 10-10-2006

**Legend**

-  Existing Road
-  Proposed Access

**TOPOGRAPHIC MAP**

**"B"**



Travis 7-33 (Proposed Well)  
Travis 6-33 (Existing Well)

Tie in at Existing  
Gas Line

Tie in at Existing  
Water Line



**Travis 7-33-8-16 (Proposed Well)**  
**Travis 6-33-8-16 (Existing Well)**  
Pad Location: SENW SEC. 33, T8S, R16E, S.L.B.&M.



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

SCALE: 1" = 2000'  
DRAWN BY: mw  
DATE: 10-10-2006

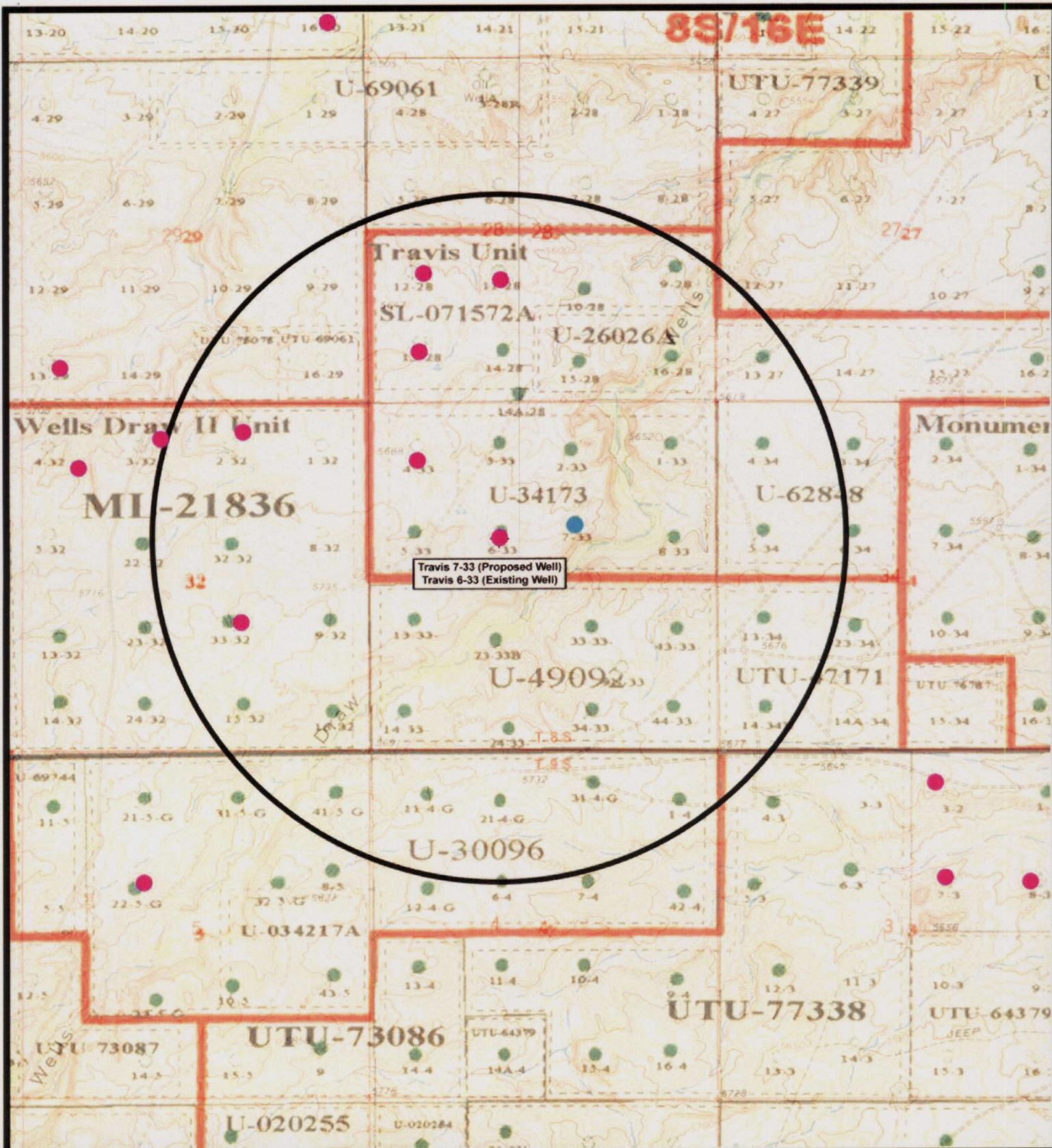
**Legend**

— Roads

**TOPOGRAPHIC MAP**

**"C"**





Travis 7-33 (Proposed Well)  
 Travis 6-33 (Existing Well)

 **NEWFIELD**  
 Exploration Company

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**Travis 7-33-8-16 (Proposed Well)**  
**Travis 6-33-8-16 (Existing Well)**  
 Pad Location: SENW SEC. 33, T8S, R16E, S.L.B.&M.



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

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SCALE: 1" = 2,000'  
 DRAWN BY: mw  
 DATE: 10-10-2006

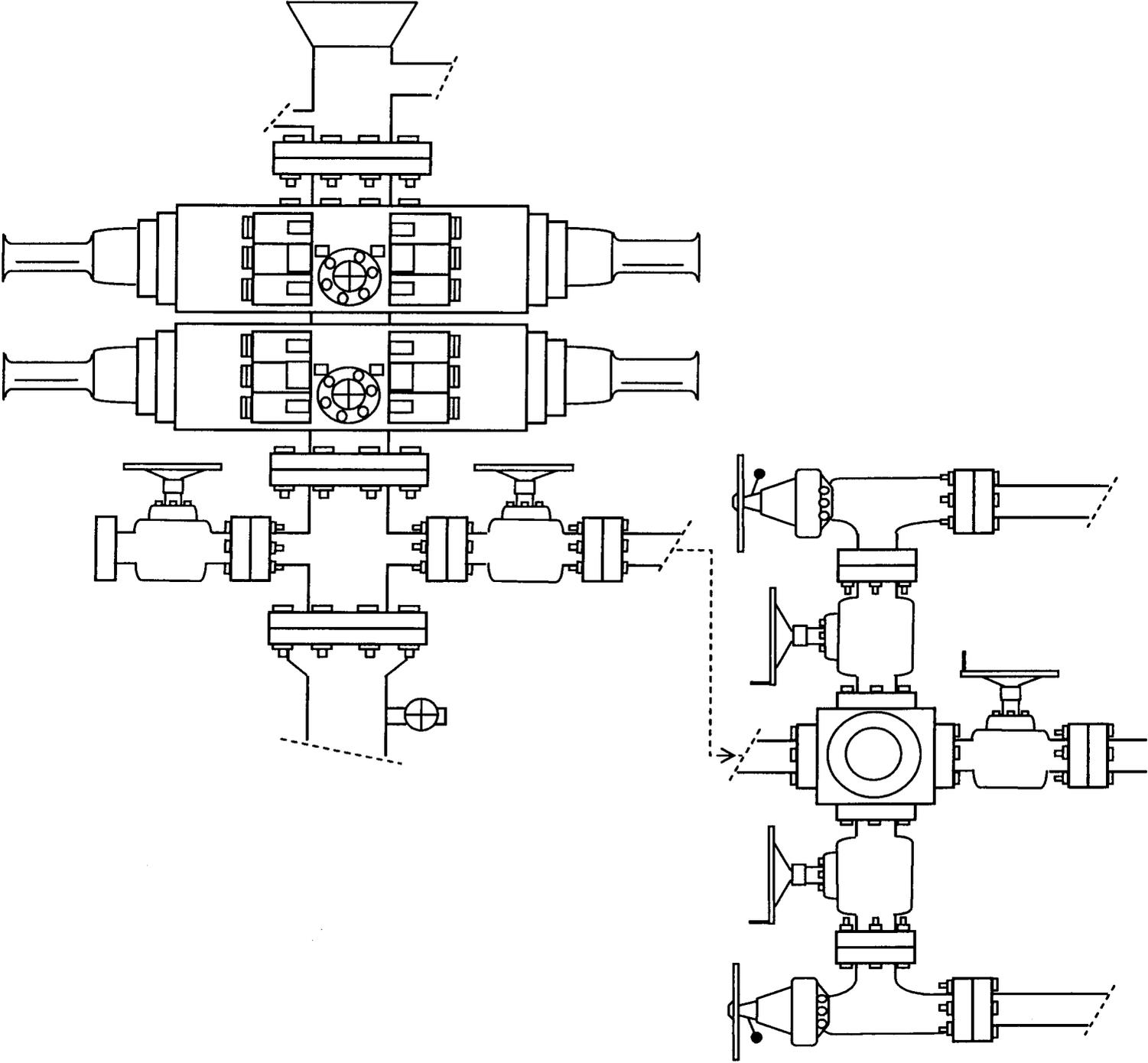
**Legend**

- Pad Location
- Bottom Hole Location
- One-Mile Radius

---

**Exhibit "B"**

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



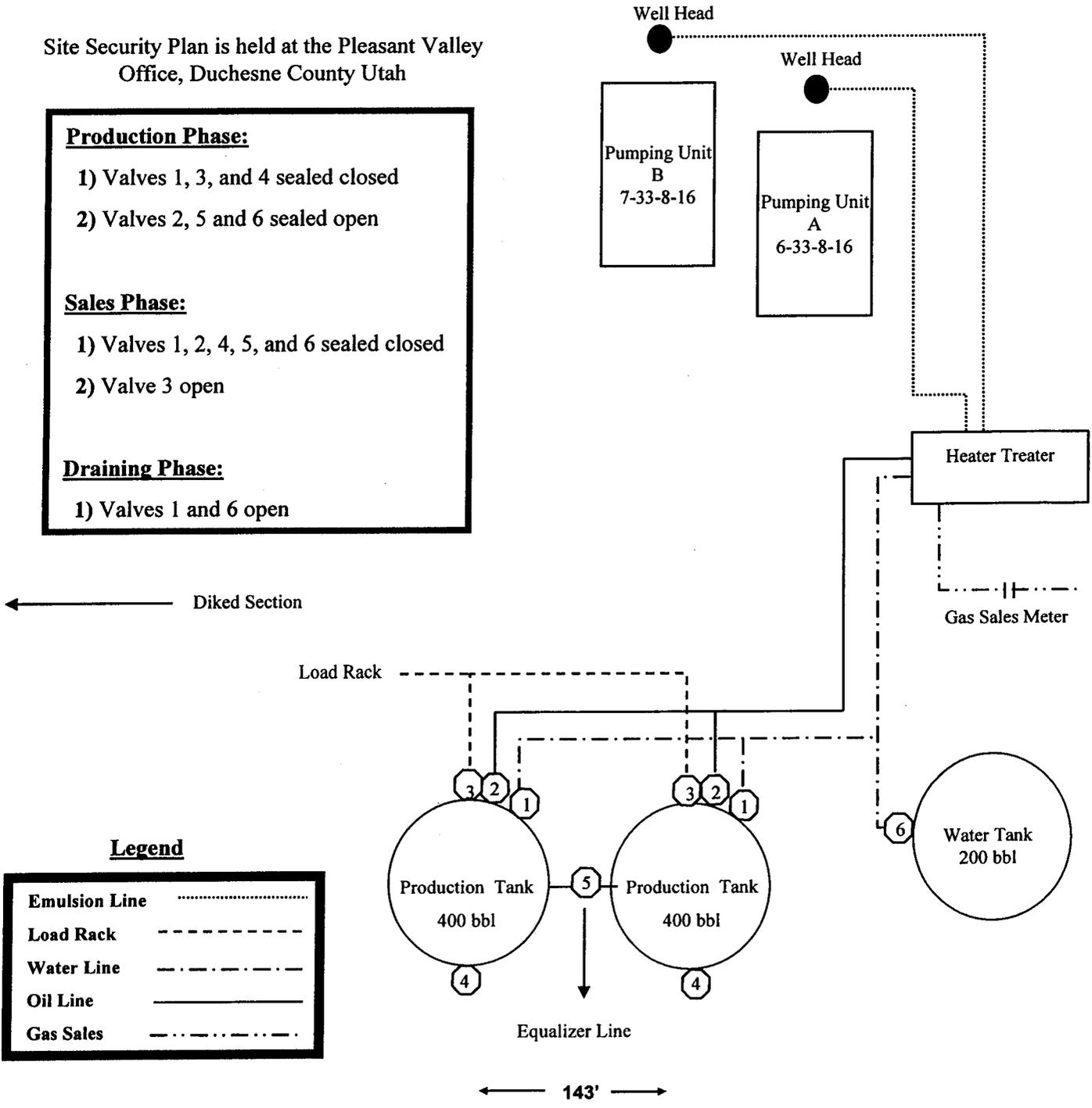
**EXHIBIT C**

# Newfield Production Company Proposed Site Facility Diagram

Travis Federal 7-33-8-16  
 From the 6-33-8-16 Location  
 SE/NW Sec. 33 T8S, 16E  
 Duchesne County, Utah  
 UTU-34173

Site Security Plan is held at the Pleasant Valley  
 Office, Duchesne County Utah

- Production Phase:**
- 1) Valves 1, 3, and 4 sealed closed
  - 2) Valves 2, 5 and 6 sealed open
- Sales Phase:**
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
  - 2) Valve 3 open
- Draining Phase:**
- 1) Valves 1 and 6 open



**Legend**

Emulsion Line	.....
Load Rack	-----
Water Line	- - - - -
Oil Line	—————
Gas Sales	- · - · - · -



**Scientific Drilling**  
Rocky Mountain Operations

Project: Duchesne County, UT  
Site: Travis Federal 7-33-8-16  
Well: Travis Federal 7-33-8-16  
Wellbore: OH  
Design: Plan #1

**Newfield Exploration Co.**

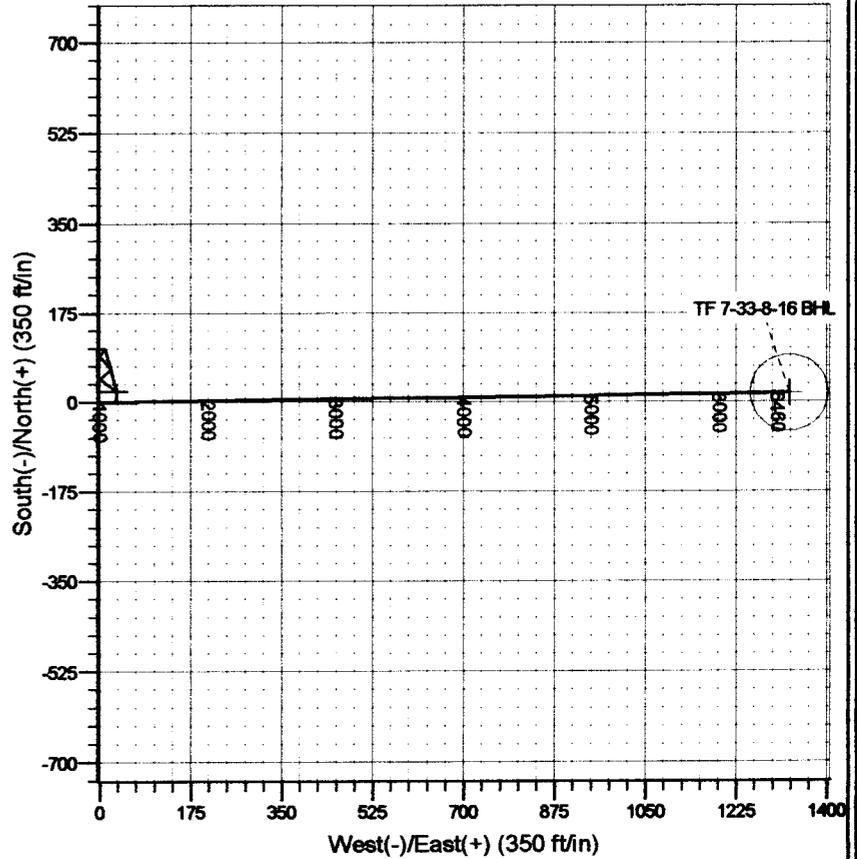
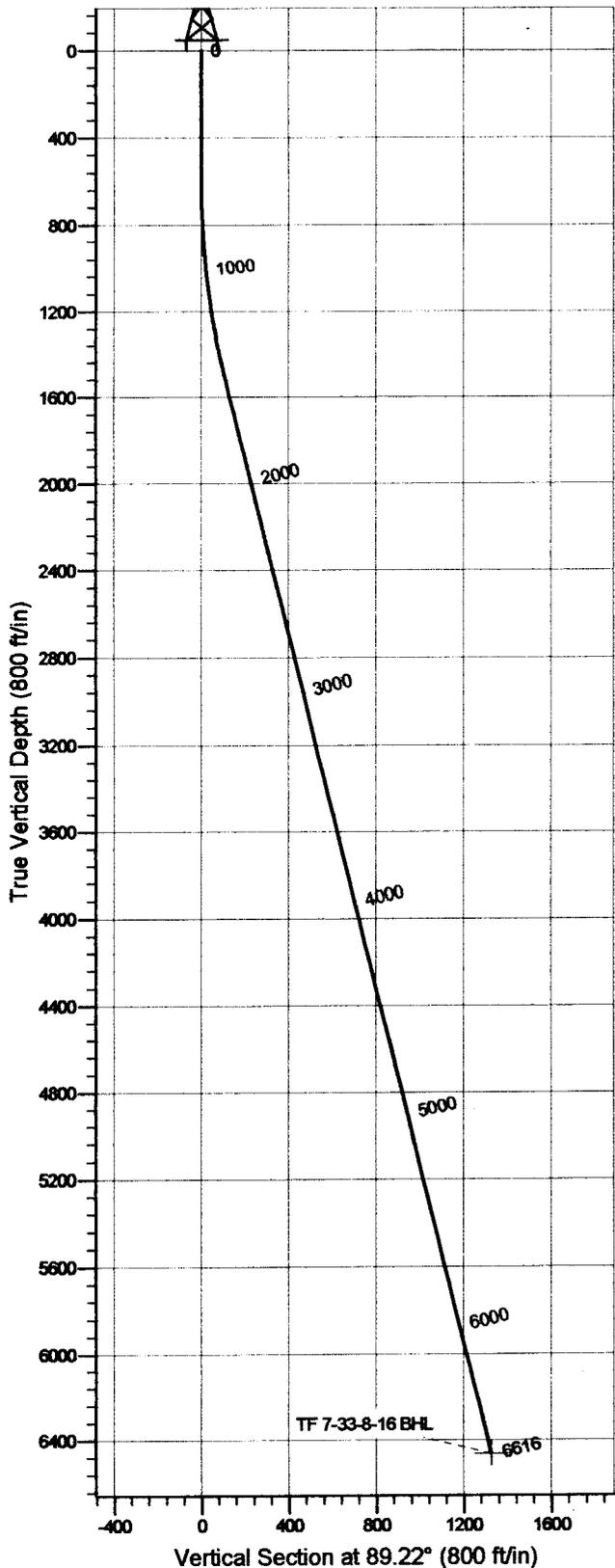


Azimuths to True North  
Magnetic North: 11.88°

Magnetic Field  
Strength: 52717.3nT  
Dip Angle: 65.92°  
Date: 2007-03-13  
Model: IGRF2005-10

WELL DETAILS: Travis Federal 7-33-8-16

GL 5675' & RKB 12' @ 5687.00ft 5675.00  
+N-S 0.00 +E-W 0.00 Northing 7199447.68 Easting 2024648.73 Latitude 40° 4' 34.360 N Longitude 110° 7' 36.650 W



Plan: Plan #1 (Travis Federal 7-33-8-16/OH)

Created By: Julie Cruse Date: 2007-03-13

PROJECT DETAILS: Duchesne County, UT

Geodetic System: US State Plane 1983  
Datum: North American Datum 1983  
Ellipsoid: GRS 1980  
Zone: Utah Central Zone

System Datum: Mean Sea Level  
Local North: No north reference data is available

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
3	1520.95	13.81	89.22	1512.05	1.50	110.48	1.50	89.22	110.49	
4	6616.28	13.81	89.22	6460.00	18.00	1327.00	0.00	0.00	1327.12	TF 7-33-8-16 BHL

# **Newfield Exploration Co.**

**Duchesne County, UT**

**Travis Federal 7-33-8-16**

**Travis Federal 7-33-8-16**

**OH**

**Plan: Plan #1**

## **Standard Planning Report**

**13 March, 2007**

# Scientific Drilling Planning Report

**Database:** MultiUserEDM  
**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT  
**Site:** Travis Federal 7-33-8-16  
**Well:** Travis Federal 7-33-8-16  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well Travis Federal 7-33-8-16  
**TVD Reference:** GL 5675' & RKB 12' @ 5687.00ft  
**MD Reference:** GL 5675' & RKB 12' @ 5687.00ft  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

<b>Project</b>	Duchesne County, UT		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Utah Central Zone		

<b>Site</b>	Travis Federal 7-33-8-16, Sec 33 T8S R16E		
<b>Site Position:</b>		<b>Northing:</b>	7,199,447.68 ft
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,024,648.73 ft
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	in
		<b>Latitude:</b>	40° 4' 34.360 N
		<b>Longitude:</b>	110° 7' 36.650 W
		<b>Grid Convergence:</b>	0.88 °

<b>Well</b>	Travis Federal 7-33-8-16, 1997' FNL, 1976' FWL		
<b>Well Position</b>	<b>+N-S</b>	0.00 ft	<b>Northing:</b> 7,199,447.68 ft
	<b>+E-W</b>	0.00 ft	<b>Easting:</b> 2,024,648.73 ft
<b>Position Uncertainty</b>	0.00 ft	<b>Wellhead Elevation:</b>	ft
		<b>Latitude:</b>	40° 4' 34.360 N
		<b>Longitude:</b>	110° 7' 36.650 W
		<b>Ground Level:</b>	5,675.00 ft

<b>Wellbore</b>	OH					
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>	
	IGRF2005-10	2007-03-13	11.88	65.92	52,717	

<b>Design</b>	Plan #1				
<b>Audit Notes:</b>					
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.00	
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N-S (ft)</b>	<b>+E-W (ft)</b>	<b>Direction (°)</b>	
	6,460.00	0.00	0.00	89.22	

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TPO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,520.95	13.81	89.22	1,512.05	1.50	110.48	1.50	1.50	0.00	89.22	
6,616.28	13.81	89.22	6,460.00	18.00	1,327.00	0.00	0.00	0.00	0.00	TF 7-33-8-16 BHL

# Scientific Drilling Planning Report

**Database:** MultiUserEDM  
**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT  
**Site:** Travis Federal 7-33-8-16  
**Well:** Travis Federal 7-33-8-16  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well Travis Federal 7-33-8-16  
**TVD Reference:** GL 5675' & RKB 12' @ 5687.00ft  
**MD Reference:** GL 5675' & RKB 12' @ 5687.00ft  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

## Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	1.50	89.22	699.99	0.02	1.31	1.31	1.50	1.50	0.00
800.00	3.00	89.22	799.91	0.07	5.23	5.23	1.50	1.50	0.00
900.00	4.50	89.22	899.69	0.16	11.77	11.77	1.50	1.50	0.00
1,000.00	6.00	89.22	999.27	0.28	20.92	20.92	1.50	1.50	0.00
1,100.00	7.50	89.22	1,098.57	0.44	32.68	32.68	1.50	1.50	0.00
1,200.00	9.00	89.22	1,197.54	0.64	47.02	47.03	1.50	1.50	0.00
1,300.00	10.50	89.22	1,296.09	0.87	63.96	63.96	1.50	1.50	0.00
1,400.00	12.00	89.22	1,394.16	1.13	83.46	83.47	1.50	1.50	0.00
1,500.00	13.50	89.22	1,491.70	1.43	105.53	105.54	1.50	1.50	0.00
1,520.95	13.81	89.22	1,512.05	1.50	110.48	110.49	1.50	1.50	0.00
1,600.00	13.81	89.22	1,588.82	1.75	129.35	129.36	0.00	0.00	0.00
1,700.00	13.81	89.22	1,685.92	2.08	153.22	153.24	0.00	0.00	0.00
1,800.00	13.81	89.22	1,783.03	2.40	177.10	177.12	0.00	0.00	0.00
1,900.00	13.81	89.22	1,880.14	2.73	200.97	200.99	0.00	0.00	0.00
2,000.00	13.81	89.22	1,977.25	3.05	224.85	224.87	0.00	0.00	0.00
2,100.00	13.81	89.22	2,074.35	3.37	248.73	248.75	0.00	0.00	0.00
2,200.00	13.81	89.22	2,171.46	3.70	272.60	272.63	0.00	0.00	0.00
2,300.00	13.81	89.22	2,268.57	4.02	296.48	296.50	0.00	0.00	0.00
2,400.00	13.81	89.22	2,365.68	4.35	320.35	320.38	0.00	0.00	0.00
2,500.00	13.81	89.22	2,462.78	4.67	344.23	344.26	0.00	0.00	0.00
2,600.00	13.81	89.22	2,559.89	4.99	368.10	368.14	0.00	0.00	0.00
2,700.00	13.81	89.22	2,657.00	5.32	391.98	392.01	0.00	0.00	0.00
2,800.00	13.81	89.22	2,754.11	5.64	415.85	415.89	0.00	0.00	0.00
2,900.00	13.81	89.22	2,851.21	5.96	439.73	439.77	0.00	0.00	0.00
3,000.00	13.81	89.22	2,948.32	6.29	463.60	463.65	0.00	0.00	0.00
3,100.00	13.81	89.22	3,045.43	6.61	487.48	487.52	0.00	0.00	0.00
3,200.00	13.81	89.22	3,142.54	6.94	511.35	511.40	0.00	0.00	0.00
3,300.00	13.81	89.22	3,239.64	7.26	535.23	535.28	0.00	0.00	0.00
3,400.00	13.81	89.22	3,336.75	7.58	559.10	559.16	0.00	0.00	0.00
3,500.00	13.81	89.22	3,433.86	7.91	582.98	583.03	0.00	0.00	0.00
3,600.00	13.81	89.22	3,530.97	8.23	606.85	606.91	0.00	0.00	0.00
3,700.00	13.81	89.22	3,628.07	8.56	630.73	630.79	0.00	0.00	0.00
3,800.00	13.81	89.22	3,725.18	8.88	654.61	654.67	0.00	0.00	0.00
3,900.00	13.81	89.22	3,822.29	9.20	678.48	678.54	0.00	0.00	0.00
4,000.00	13.81	89.22	3,919.40	9.53	702.36	702.42	0.00	0.00	0.00
4,100.00	13.81	89.22	4,016.50	9.85	726.23	726.30	0.00	0.00	0.00
4,200.00	13.81	89.22	4,113.61	10.17	750.11	750.18	0.00	0.00	0.00
4,300.00	13.81	89.22	4,210.72	10.50	773.98	774.05	0.00	0.00	0.00
4,400.00	13.81	89.22	4,307.83	10.82	797.86	797.93	0.00	0.00	0.00
4,500.00	13.81	89.22	4,404.93	11.15	821.73	821.81	0.00	0.00	0.00
4,600.00	13.81	89.22	4,502.04	11.47	845.61	845.69	0.00	0.00	0.00
4,700.00	13.81	89.22	4,599.15	11.79	869.48	869.56	0.00	0.00	0.00
4,800.00	13.81	89.22	4,696.26	12.12	893.36	893.44	0.00	0.00	0.00
4,900.00	13.81	89.22	4,793.36	12.44	917.23	917.32	0.00	0.00	0.00
5,000.00	13.81	89.22	4,890.47	12.77	941.11	941.20	0.00	0.00	0.00
5,100.00	13.81	89.22	4,987.58	13.09	964.98	965.07	0.00	0.00	0.00
5,200.00	13.81	89.22	5,084.69	13.41	988.86	988.95	0.00	0.00	0.00

# Scientific Drilling Planning Report

**Database:** MultiUserEDM  
**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT  
**Site:** Travis Federal 7-33-8-16  
**Well:** Travis Federal 7-33-8-16  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well Travis Federal 7-33-8-16  
**TVD Reference:** GL 5675' & RKB 12' @ 5687.00ft  
**MD Reference:** GL 5675' & RKB 12' @ 5687.00ft  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

### Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.00	13.81	89.22	5,181.79	13.74	1,012.73	1,012.83	0.00	0.00	0.00
5,400.00	13.81	89.22	5,278.90	14.06	1,036.61	1,036.71	0.00	0.00	0.00
5,500.00	13.81	89.22	5,376.01	14.38	1,060.49	1,060.58	0.00	0.00	0.00
5,600.00	13.81	89.22	5,473.12	14.71	1,084.36	1,084.46	0.00	0.00	0.00
5,700.00	13.81	89.22	5,570.22	15.03	1,108.24	1,108.34	0.00	0.00	0.00
5,800.00	13.81	89.22	5,667.33	15.36	1,132.11	1,132.22	0.00	0.00	0.00
5,900.00	13.81	89.22	5,764.44	15.68	1,155.99	1,156.09	0.00	0.00	0.00
6,000.00	13.81	89.22	5,861.55	16.00	1,179.86	1,179.97	0.00	0.00	0.00
6,100.00	13.81	89.22	5,958.65	16.33	1,203.74	1,203.85	0.00	0.00	0.00
6,200.00	13.81	89.22	6,055.76	16.65	1,227.61	1,227.73	0.00	0.00	0.00
6,300.00	13.81	89.22	6,152.87	16.98	1,251.49	1,251.60	0.00	0.00	0.00
6,400.00	13.81	89.22	6,249.98	17.30	1,275.36	1,275.48	0.00	0.00	0.00
6,500.00	13.81	89.22	6,347.08	17.62	1,299.24	1,299.36	0.00	0.00	0.00
6,600.00	13.81	89.22	6,444.19	17.95	1,323.11	1,323.23	0.00	0.00	0.00
6,616.28	13.81	89.22	6,460.00	18.00	1,327.00	1,327.12	0.00	0.00	0.00

TF 7-33-8-16 BHL

### Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N-S (ft)	+E-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
TF 7-33-8-16 BHL	0.00	0.00	6,460.00	18.00	1,327.00	7,199,486.05	2,025,975.30	40° 4' 34.537 N	110° 7' 19.578 W
- hit/miss target									
- Shape									
- plan hits target									
- Circle (radius 75.00)									



April 17, 2007

Ms. Diana Mason  
State of Utah, Div. of Oil, Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Re: Directional Drilling R649-3-11  
Travis Unit UTU-68528A  
Travis Federal 7-33-8-16  
Duchesne County, Utah

Dear Ms.Mason:

Pursuant to the filing of Newfield Production Company's (hereinafter "NPC") Application for Permit to Drill dated 3/29/07 (copy enclosed herewith) which concerns the well described below, NPC is hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to Directional Drilling.

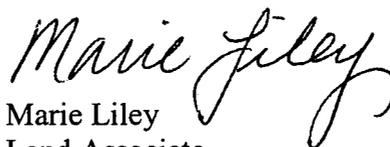
Travis Federal 7-33-8-16  
BLM Lease #s UTU-34173 (surface) and UTU-34173 (bottomhole)  
1997' FNL, 1973' FWL Section 33 (at surface)  
1979' FNL, 1977' FEL Section 33 (bottomhole)  
T8S-R16E

This drillsite location is located within the boundaries of the Travis Unit UTU-68528A. NPC is permitting this well as a directional well in order to minimize surface disturbance. By locating the well at the surface location described and directionally drilling from this location, NPC will be able to utilize the existing roads and pipelines in the area. Furthermore, NPC hereby certifies that NPC is the Travis Unit Operator and all lands within 460 feet of each of the entire directional well bores are within the Travis Unit.

Therefore, based on the above stated information NPC requests that the permit be granted pursuant to R649-3-11. Thank you for your consideration in this matter.

Sincerely,

**Newfield Production Company**

  
Marie Liley  
Land Associate

**RECEIVED**  
**APR 20 2007**  
**DIV. OF OIL, GAS & MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

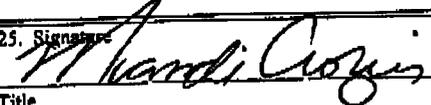
APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-34173
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. Travis
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Travis Federal 7-33-8-16
3b. Phone No. (include area code) (435) 846-3721		9. API Well No.
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/NW 1997' FNL 1973' FWL At proposed prod. zone SW/NE 1979' FNL 1977' FEL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 11.7 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area SW/NE Sec. 33, T8S R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 661' file, 661' trunk	16. No. of Acres in lease 320.00	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. 1328'	19. Proposed Depth 6460'	20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5675' GL	22. Approximate date work will start* 3rd Quarter 2007	23. Estimated duration Approximately seven (4) days from apud 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) Mandie Crozier	Date 3/29/07
Title Regulatory Specialist		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

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

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

\*(Instructions on reverse)

RECEIVED

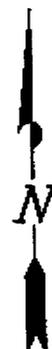
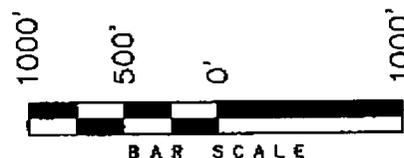
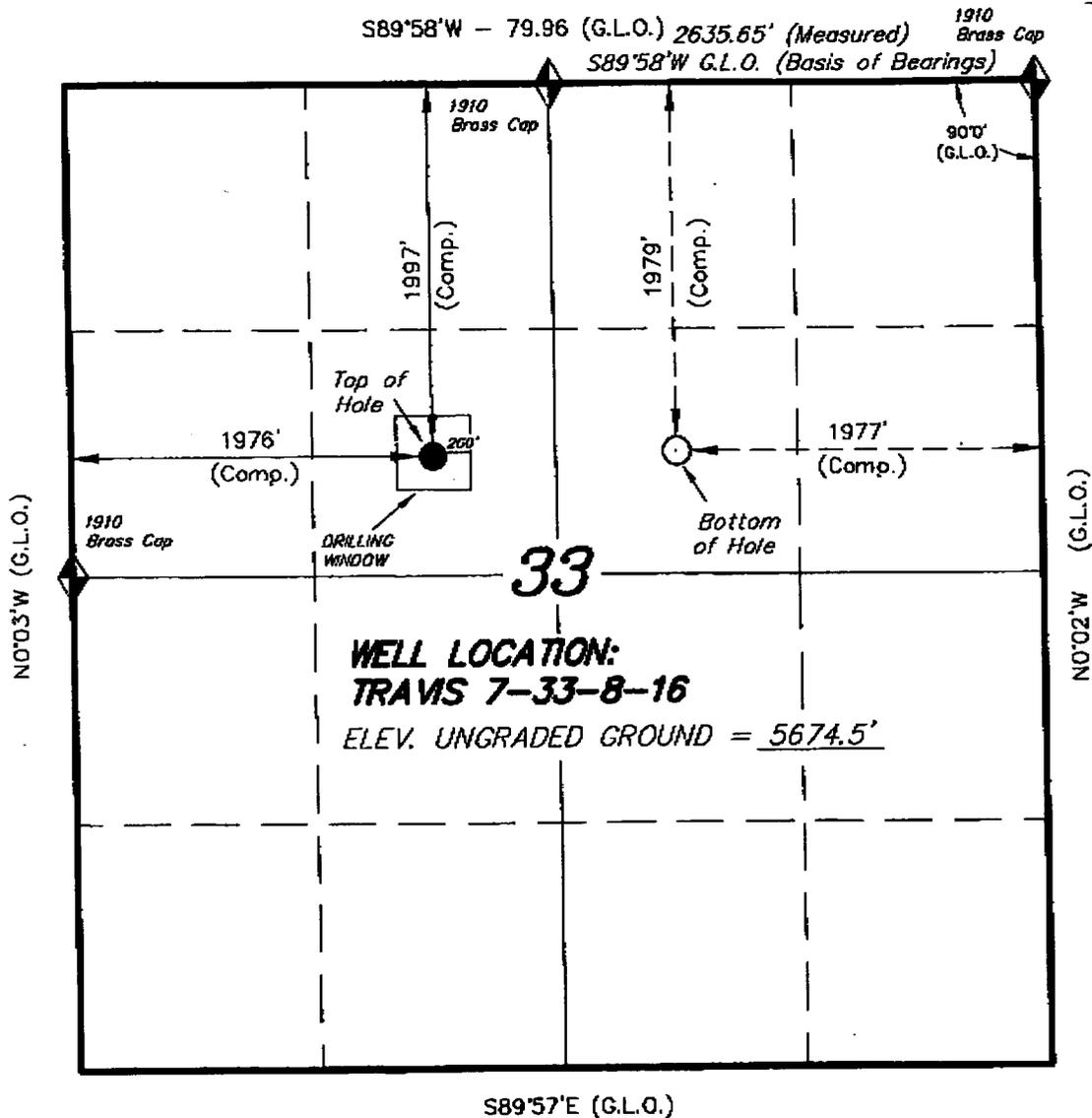
APR 20 2007

DIV. OF OIL, GAS & MINING

# T8S, R16E, S.L.B.&M.

## NEWFIELD PRODUCTION COMPANY

WELL LOCATION, TRAVIS 7-33-8-16,  
 LOCATED AS SHOWN IN THE SE 1/4 NW  
 1/4 OF SECTION 33, T8S, R16E,  
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



**Notes:**

1. The Proposed Well head bears S18°24'50"W 2103.73' from the North 1/4 Corner of Section 33.
2. The Bottom of hole bears N89°13'45"E 1324.17' from the Top of Hole.

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

STACY W. STEWART  
 REGISTERED LAND SURVEYOR  
 REGISTRATION No. 189377  
 STATE OF UTAH

**TRI STATE LAND SURVEYING & CONSULTING**

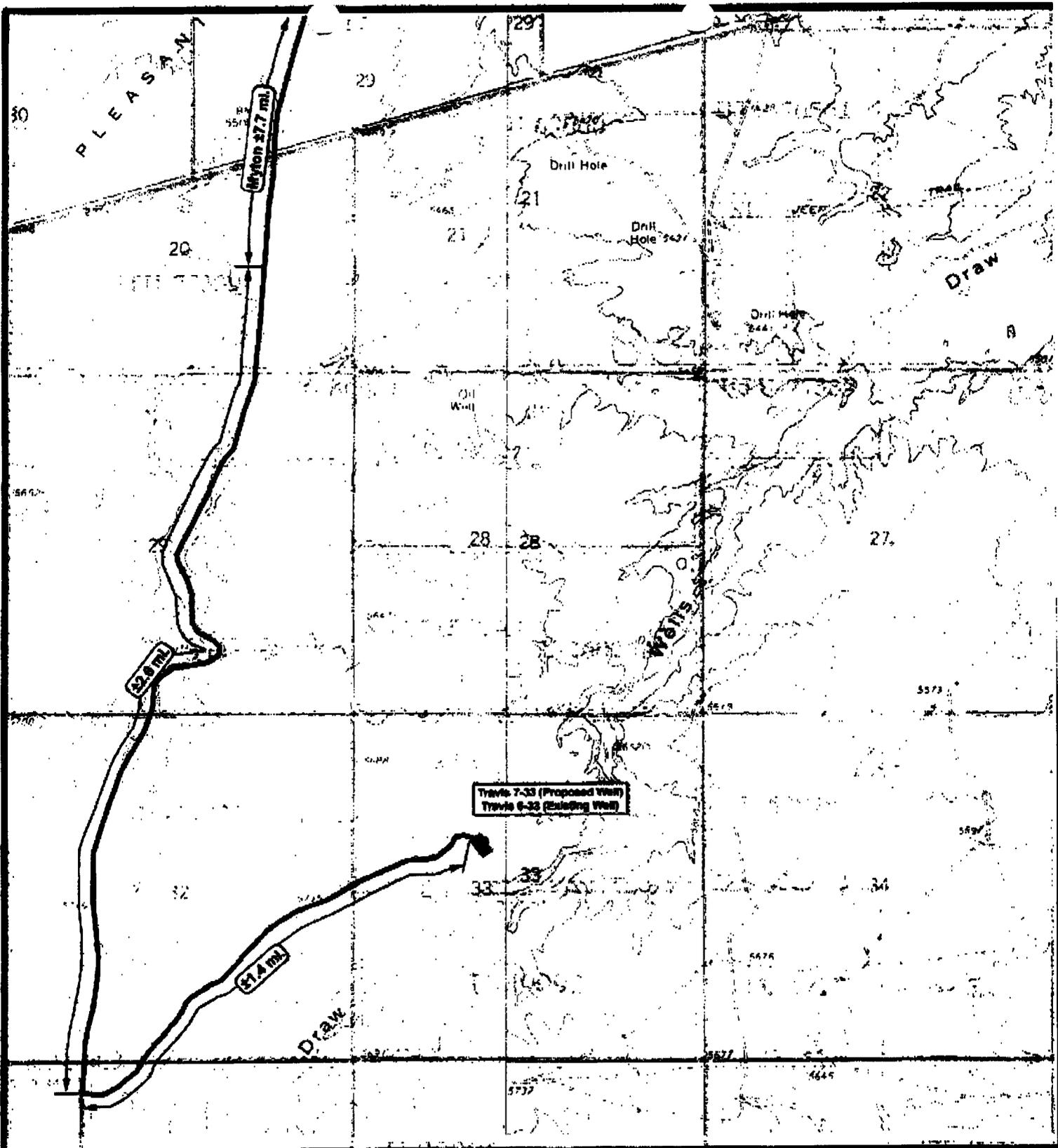
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
 (435) 781-2501

DATE SURVEYED: 09-25-06	SURVEYED BY: C.M.
DATE DRAWN: 09-27-06	DRAWN BY: T.C.J.
REVISED:	SCALE: 1" = 1000'

◆ = SECTION CORNERS LOCATED

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

**TRAVIS 7-33-8-16**  
 (Surface Location) NAD 83  
 LATITUDE = 40° 04' 34.36"  
 LONGITUDE = 110° 07' 36.65"



Travis 7-33 (Proposed Well)  
 Travis 6-33 (Existing Well)



**Travis 7-33-8-16 (Proposed Well)**  
**Travis 6-33-8-16 (Existing Well)**  
 Pad Location: SENW SEC. 33, T6S, R16E, S.L.B.&M.



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

SCALE 1" = 2000'  
 DRAWN BY: [signature]  
 DATE: 10 10 2006

— Existing Road  
 — Proposed Access

TOPOGRAPHIC MAP  
**"B"**

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 05/31/2005

API NO. ASSIGNED: 43-013-32798

WELL NAME: TRAVIS FED 7-33-8-16  
 OPERATOR: NEWFIELD PRODUCTION ( N2695 )  
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SENW 33 080S 160E  
 SURFACE: 1997 FNL 1976 FWL  
 BOTTOM: 1979 FNL 1977 FEL  
 COUNTY: DUCHESNE  
 LATITUDE: 40.07620 LONGITUDE: -110.1261  
 UTM SURF EASTINGS: 574515 NORTHINGS: 4436371  
 FIELD NAME: MONUMENT BUTTE ( 105 )

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

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-34173  
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UTB00192 )
- 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)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit: TRAVIS
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: 213-2A  
Eff Date: 8-29-1997  
Siting: See Spends General Siting
- R649-3-11. Directional Drill

COMMENTS: Top, Separate file

STIPULATIONS: 1 - Federal Approval

T8S R16E

# MONUMENT BUTTE FIELD TRAVIS UNIT

CAUSE: 213-2A / 8-29-1997

# WELLS DRAW (GR) UNIT

T9S R16E

OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 33 T.8S R. 16E

FIELD: MONUEMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 213-2A / 8-29-1997

### Field Status

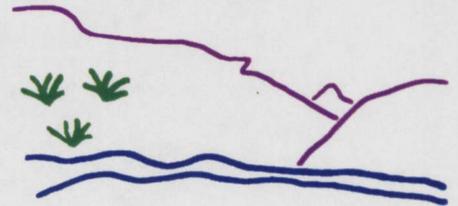
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

### Unit Status

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

### Wells Status

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



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON  
DATE: 03-APRIL-2007

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

**IN REPLY REFER TO:**

3160

(UT-922)

April 4, 2007

**Memorandum**

**To:** Assistant District Manager Minerals, Vernal District

**From:** Michael Coulthard, Petroleum Engineer

**Subject:** 2007 Plan of Development Travis Unit, Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well has been changed from a vertical to a directional well. The well was originally reviewed in our memo of June 7, 2005. The well is planned for calendar year 2007 within the Travis Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
Travis Unit		
(Proposed PZ Green River)		
43-013-32798	Travis Fed 7-33-8-16	Sec 33 T08S R16E 1997 FNL 1976 FWL BHL Sec 33 T08S R16E 1979 FNL 1977 FEL

This office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

bcc: File – Travis Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

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-34173
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. Travis
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Travis Federal 7-33-8-16
3b. Phone No. (include area code) (435) 846-3721		9. API Well No. 43-013-32798
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/NW 1997' FNL 1976' FWL At proposed prod. zone SW/NE 1979' FNL 1977' FEL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 11.7 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area SW/NE Sec. 33, T8S R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 661' f/ass, 661' f/unit	16. No. of Acres in lease 320.00	12. County or Parish Duchesne
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. 1328'	13. State UT
19. Proposed Depth 6460'	20. BLM/BIA Bond No. on file UTB000192	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5675' GL	22. Approximate date work will start* 3rd Quarter 2007	23. Estimated duration Approximately seven (4) 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) Mandie Crozier	Date 3/29/07
Title Regulatory Specialist		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

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

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

\*(Instructions on reverse)

**From:** "Mandie Crozier" <mcrozier@newfield.com>  
**To:** "Diana Mason" <dianawhitney@utah.gov>  
**Date:** 5/17/2007 10:54 AM  
**Subject:** APD Correction  
**Attachments:** 7-33-8-16\_001.tif

There was a typing error for the Surface location footages for the 7-33-8-16. Here is the corrected 3160-3 Form.

Mandie Crozier

Newfield Production

Phone: (435)646-4825

Fax: (435) 646-3031

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-34173**

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

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

8. Well Name and No.  
**TRAVIS FEDERAL 7-33-8-16**

9. API Well No.  
**43-013-32798**

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

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

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

**NEWFIELD PRODUCTION COMPANY**

3. Address and Telephone No.

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

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

**1979 FNL 1977 FEL SWNE Section 33, T8S R16E Proposed Zone**  
**1997 FNL 1976 FNL SENEW " " Surface**

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

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other **Permit Extension**  
 Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

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

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

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 6/7/05 (expiration 6/7/07).

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

Date: 06-11-07  
By: [Signature]

6-20-07  
km

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

Signed

[Signature]  
Mandie Crozier

Title

Regulatory Specialist

Date

6/7/2007

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:** 43-013-32798  
**Well Name:** Travis Federal 7-33-8-16  
**Location:** ~~SE NW 3/4~~ Section 33, T8S R16E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 6/7/2005

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

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

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

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

Mandiluzin  
Signature

6/6/2007

Date

**Title:** Regulatory Specialist

**Representing:** Newfield Production Company



United States Department of the Interior  
BUREAU OF LAND MANAGEMENT  
Vernal Field Office  
170 South 500 East  
Vernal, UT 84078  
(435) 781-4400 Fax: (435) 781-4410



IN REPLY REFER TO:  
3160  
UT08300

August 16, 2007

43-013-32798

Mandie Crozier  
Newfield Production Company  
Route 3, Box 3630  
Myton, UT 84052

Re: Well No. Travis Federal 7-33-8-16  
SWNE, Sec. 33, T8S, R16E  
Duchesne County, Utah  
Lease No. UTU-34173  
Travis Unit

Dear Ms. Crozier:

The Application for Permit to Drill (APD) the above referenced well was approved December 2, 2005, along with a one (1) year extension approved by Sundry Notice on December 19, 2006. This APD is now rescinded per your request in a letter to Chuck McDonald dated March 29, 2007. This APD has been replaced with a new APD that was received on March 30, 2007 as Well No. Travis Federal 7-33-8-16.

If you have any questions concerning APD processing, please contact me at (435) 781-4455.

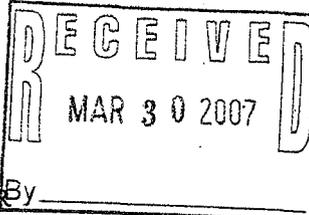
Sincerely,

*Cindy Severson*

Cindy Severson  
Land Law Examiner

cc: UDOGM – Diana Mason

RECEIVED  
NOV 20 2007  
DIV. OF OIL, GAS & MINING



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-34173
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. Travis
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Travis Federal 7-33-8-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/NW 1997' FNL 1976' FWL At proposed prod. zone SW/NE 1979' FNL 1977' FEL		9. API Well No. 43 013 32798
14. Distance in miles and direction from nearest town or post office* Approximatley 11.7 miles southwest of Myton, Utah		10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 661' /t/sea, 661' /t/unit		11. Sec., T., R., M., or Blk. and Survey or Area SW/NE Sec. 33, T8S R16E
16. No. of Acres in lease 320.00	17. Spacing Unit dedicated to this well 40 Acres	12. County or Parish Duchesne
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1328'	19. Proposed Depth 6460'	13. State UT
20. BLM/BIA Bond No. on file UTB000192	21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5675' GL	22. Approximate date work will start* 3rd Quarter 2007
23. Estimated duration Approximately seven (4) days from spud to rig release.		

24. Attachments

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

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

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 3/29/07
--	--	-----------------

Title  
Regulatory Specialist

Approved by (Signature) <i>Jersey Kenala</i>	Name (Printed/Typed) Jersey Kenala	Date 4-8-2008
---	---------------------------------------	------------------

Title  
Assistant Field Manager  
Office  
**VERNAL FIELD OFFICE**

Application approval 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.  
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)

**CONDITIONS OF APPROVAL ATTACHED**

**NOTICE OF APPROVAL**

**RECEIVED**

**APR 14 2008**

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

*Nb NOS  
07PP2147A*



**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE**

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



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

**Company:** Newfield Production Company  
**Well No:** Travis Federal 7-33-8-16  
**API No:** 43-013-32798

**Location:** SENW, Sec 33, T8S, R16E  
**Lease No:** UTU-34173  
**Agreement:** Travis Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

**Fax: (435) 781-3420**

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

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

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

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

### **General Surface COAs**

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

### **Specific Surface COAs**

- The proposed area contains Mountain plover habitat. With this occurrence there will be a timing restriction during project activity (construction and drilling) to minimize disturbance to Mountain plover nesting from May 15 – June 15.
- There are four Golden eagle nests within ½ mile of the proposed location: 0.32 miles SE, 0.39 miles E, 0.5 miles NE, and 0.49 miles NE of the project area, but no nests are in line-of-site. With this occurrence there will be a timing restriction to minimize disturbance for Golden eagle nesting from February 1 – July 15.
- No surface occupancy or use is allowed (does not apply to casual use) within ½ mile of Golden eagle nests which have been active within the past two years. This restriction will not apply to maintenance and operation of existing programs and facilities. It will not apply if impacts shall be mitigated through other management actions or site specific analysis of terrain features.
- Protection of Golden eagle nest sites as described in the Diamond Mountain Resource Management Plan and EIS. Waivers, Exceptions, or Modifications to this limitation may be specifically approved in writing by the authorized officer of the Bureau of Land Management if either the resource values change or the lessee/ operator demonstrates that adverse impacts can be mitigated. Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulations see BLM manual 1624 and 3101 or FS manual 1950 and 2820.)

### **Lease Notices from RMP:**

- The lessee/operator is given notice the area has been identified as containing Ferruginous hawk habitat. Modifications may be required in the Surface Use Plan to protect the Ferruginous hawk and/or its habitat from surface disturbance activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- The lessee/operator is given notice the area has been identified as containing Golden eagle habitat. Modifications may be required in the Surface Use Plan to protect the Golden eagle and/or its habitat from surface disturbance activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

Comments:

- If it is anticipated that construction or drilling will occur during the given timing restrictions for any wildlife, a BLM or qualified biologist shall be notified so surveys can be conducted. Depending upon the results of the surveys, permission to proceed may or may not be recommended or granted (depending on the species being surveyed and the condition of the habitat).

Follow-up Actions and/or Recommendations:

- \*Because all four Golden eagle nests are located more than ¼ mile from the proposed location and are not in line-of-site, the NSO for the Golden eagle will not apply to this location; however, the timing stipulation will still be in effect.
- Based on the previous field exam and existing data and if all timing restrictions are adhered to then, it is my opinion that a no effect situation exists for Special Status Wildlife Species with the construction and drilling of this proposed drill site. Therefore, this site is cleared from a Special Status Wildlife Species perspective.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- All pipelines (surface and buried) will be laid within one 50' wide construction ROW, on one side of the road, and will reduce down to a 30' wide permanent ROW on lease.
- A temporary road ROW will not be granted. The road ROW will be 30 foot for construction and will reduce to an 18 foot running surface.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed. All roads will have an 18', crowned (2 to 3% minimum), running surface. All roads will have drainage ditches along both sides of road.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- To insure impermeability, the reserve pit will be lined with a 16 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.

- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- Any hydrocarbons in the reserve pit will be removed immediately upon well completion; in accordance with 43 CFR 3162.7-1. Pits must be free of oil and other liquid and solid wastes prior to filling.
- Monument Butte SOP, Section 9.2 - Pit Fencing Minimum Standards - will be strictly adhered to. To include 9.2.2.3 - Corner posts will be cemented and/or braced in such a manner as to keep fence tight at all times.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- **Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.**

Interim Reclamation:

- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded using a rangeland drill. Seeding depth as per AO, or seed distributor. If portions of the site are too steep (>40%), or rocky, that portion may be broadcast seeded. If broadcasting seed, the seed shall be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain. Seeding shall occur in the fall (August 1st until snow or ground is frozen) with the following seed mix:

Seed mix:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirreltail grass	<i>Elymus elymoides</i>	3.0	1/4 - 1/2"
Siberian wheatgrass	<i>Agropyron fragile</i>	1.0	1/2"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	1/2"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	1/2"
Gardner's saltbush	<i>Atriplex gardneri</i>	0.50	1/2"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	1/8 - 1/4"

- All pounds are pure live seed.
- All seed and mulch will be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.

Final reclamation:

- Once the location is plugged and abandoned, the well location, access, and any disturbed areas shall be recontoured to natural topography, topsoil shall be respread, and the entire location shall be seeded following guidelines in the seed mix bullet statement above. Final seed mix: same as interim.
- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (see above). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding shall take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

## **DOWNHOLE CONDITIONS OF APPROVAL**

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

- None

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

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

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) shall the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## OPERATING REQUIREMENT REMINDERS:

- 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.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Shall 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:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location ( $\frac{1}{4}$  $\frac{1}{4}$ , Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - 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).
  - 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.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be

filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- 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.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- 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.
- 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: TRAVIS FED 7-33-8-16

Api No: 43-013-32798 Lease Type: FEDERAL

Section 33 Township 08S Range 16E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 21

**SPUDDED:**

Date 08/11/08

Time 8:50 AM

How DRY

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

Reported by DON BASTIAN

Telephone # (435) 828-6012

Date 08/11/08 Signed CHD

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.

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-34173
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or TRAVIS UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1997 FNL 1973 FWL SWNE Section 33 T8S R16E		8. Well Name and No. TRAVIS FEDERAL 7-33-8-16
		9. API Well No. 4301332798
		10. Field and Pool, or Exploratory Area MONUMENT BUTTE
		11. County or Parish, State DUCHESNE, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<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 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 8/11/08 MIRU Ross #24. Spud well @ 8:50am. Drill 320' of 121/4" hole with air mist. TIH w/7 jt's 85/8" j-55 24# csgn. set @ 326.27 On 8/14/08 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 7 bbls cement to pit. Woc.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Jay Burton	Title Drilling Foreman
Signature <i>Jay E. Burton</i>	Date 08/14/2008

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

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

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

(Instructions on page 2)

**RECEIVED**

**AUG 18 2008**

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

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 326.27

LAST CASING 8 5/8" SET AT 326.27'  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 320' LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company  
 WELL Travis Federal 7-33-8-16  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Ross Rig # 21

LOG OF CASING STRING:								
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH	
		Shoe Joint 44.80'						
		WHI - 92 csg head			8rd	A	0.95	
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	314.42	
		<b>GUIDE</b> shoe			8rd	A	0.9	
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			316.27	
TOTAL LENGTH OF STRING		316.27	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>326.27</b>	
TOTAL		314.42	7	} COMPARE				
TOTAL CSG. DEL. (W/O THRDS)		320.04	7					
TIMING		1ST STAGE						
BEGIN RUN CSG.		Spud	8/11/2008	8:50 AM	GOOD CIRC THRU JOB			yes
CSG. IN HOLE		8/11/2008	3:30 PM	Bbls CMT CIRC TO SURFACE			7	
BEGIN CIRC		8/14/2008	8:25am	RECIPROCATED PIPE FOR			N/A	
BEGIN PUMP CMT		8/14/2008	8:37am					
BEGIN DSPL. CMT		8/14/2008	8:49am	BUMPED PLUG TO			104 PSI	
PLUG DOWN		8/14/2008	9:00am					
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 Jay Burton DATE 8/14/2008

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

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

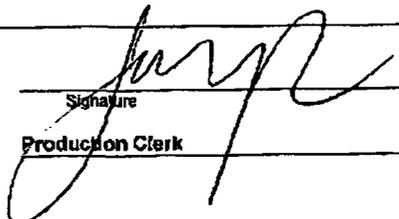
OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	17037	4301333775	FEDERAL 3-29-9-17	NENW	29	9S	17E	DUCHESNE	8/8/2008	8/25/08
WELL 1 COMMENTS: GRUV											
A	99999	17038	4301333774	FEDERAL 4-29-9-17	NWNW	29	9S	17E	DUCHESNE	8/13/2008	8/25/08
WELL 2 COMMENTS: GRUV											
B	99999	10628	4301332798	TRAVIS FEDERAL 7-33-8-16	SWNE	33	8S	16E	DUCHESNE	8/11/2008	8/25/08
WELL 3 COMMENTS: GRUV BHL = SWNE											
WELL 5 COMMENTS:											
WELL 5 COMMENTS:											

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

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

RECEIVED  
 AUG 18 2008  
 DIV. OF OIL, GAS & MINING

  
 Signature: Jentri Park  
 Production Clerk  
 Date: 08/15/08

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

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

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1997 FNL 1973 FWL

SWNE Section 33 T8S R16E

5. Lease Serial No.  
USA UTU-34173

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
TRAVIS FEDERAL 7-33-8-16

9. API Well No.  
4301332798

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
DUCHESNE, UT

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

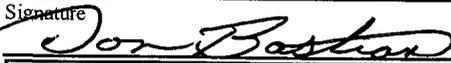
TYPE OF SUBMISSION	TYPE OF ACTION				
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/>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

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

On 8/27/08 MIRU Patterson Rig # 52. 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 @ 329'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6585'. 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, 151 jt's of 5.5 J-55, 15.5# csgn. Set @ 6566.73' / KB. Cement with 350 sks cement mixed @ 11.0 ppg & 3.43 yld. The 475 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 35 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 100,000 #'s tension. Release rig @ 5:00 pm 9/4/08.

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

Don Bastian

Signature 

Title

Drilling Foreman

Date

09/05/2008

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

Approved by .....

Title

Date

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

Office

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

(Instructions on page 2)

**RECEIVED**

**SEP 10 2008**

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

5 1/2" CASING SET AT 6566.73

Flt cllr @ 6522.08'

LAST CASING 8 5/8" SET AT 333.06'

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Travis Federal 7-33-8-16

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

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

CONTRACTOR & RIG # Patterson Rig # 52

TD DRILLER 6585 Logger 6569'

HOLE SIZE 7 7/8"

LOG OF CASING STRING:								
PIECES	OD	ITEM - MAKE - DESCRIPTION		WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt						14
		5.75'(short jt @ 4393')						
151	5 1/2"	ETC LT & C casing		15.5#	J-55	8rd	A	6510.08
		Float collar						0.6
1	5 1/2"	ETC LT&C csg		15.5#	J-55	8rd	A	43.4
		GUIDE shoe				8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING				6568.73
TOTAL LENGTH OF STRING		6568.73	152	LESS CUT OFF PIECE				14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG				12
PLUS FULL JTS. LEFT OUT		278.23	7	CASING SET DEPTH				<b>6566.73</b>
TOTAL		<b>6831.71</b>	159	} COMPARE				
TOTAL CSG. DEL. (W/O THRDS)		6831.71	159					
TIMING		1ST STAGE	2nd STAGE	GOOD CIRC THRU JOB				Yes
BEGIN RUN CSG.		1:25 AM	9/4/2008	Bbls CMT CIRC TO SURFACE				35
CSG. IN HOLE		6:15 AM	9/4/2008	RECIPROCATED PIPE FOR				THRUSTROKE NO
BEGIN CIRC		6:35 AM	9/4/2008	DID BACK PRES. VALVE HOLD ?				Yes
BEGIN PUMP CMT		9:50 AM	9/4/2008	BUMPED PLUG TO				1740 PSI
BEGIN DSPL. CMT		10:56 AM	9/4/2008					
PLUG DOWN		11:19 AM	9/4/2008					
CEMENT USED		<b>B. J.</b>						
STAGE	# SX							
1	350	Premilite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake						
		mixed @ 11.0 ppg W / 3.49 cf/sk yield						
2	475	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD						
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.								

COMPANY REPRESENTATIVE Don Bastian

DATE 9/4/2008

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

5. LEASE DESIGNATION AND SERIAL NUMBER:

USA UTU-34173

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:

TRAVIS UNIT

1. TYPE OF WELL:

OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:

TRAVIS FEDERAL 7-33-8-16

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

9. API NUMBER:

4301332798

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER

435.646.3721

10. FIELD AND POOL, OR WILDCAT:

MONUMENT BUTTE

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 1997 FNL 197<sup>6</sup> FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNE, 33, T8S, R16E

STATE: UT

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

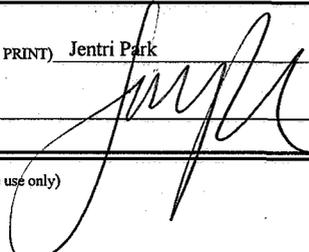
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will  _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  <u>10/22/2008</u>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The above subject well was completed on 09-30-08, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE 

DATE 10/22/2008

(This space for State use only)

**RECEIVED**

**OCT 27 2008**

DIV. OF OIL, GAS & MINING

## Daily Activity Report

Format For Sundry

**TRAVIS 7-33-8-16**

**7/1/2008 To 11/30/2008**

**9/17/2008 Day: 1**

**Completion**

Rigless on 9/16/2008 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6470' & cement top @ 43'. Perforate stage #1, CP5 sds @ 6348-62' w/ 3-1/8" Slick Guns (19 gram, .49"EH, 120°) w/ 4 spf for total of 56 shots. 155 BWTR. SWIFN.

**9/19/2008 Day: 2**

**Completion**

Rigless on 9/18/2008 - Stage #1 CP5 sds. RU BJ Services. 0 psi on well. Frac CP5 sds w/ 29,930#'s of 20/40 sand in 433 bbls of Lightning 17 fluid. Broke @ 2949 psi. Treated w/ ave pressure of 2290 psi w/ ave rate of 22.3 BPM. ISIP 2251 psi. Leave pressure on well. 588 BWTR. Stage #2 CP3/CP4 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 2- 8' perf guns. Set plug @ 6300'. Perforate CP3 sds @ 6198-6206' & CP4 sds @ 6260-68' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 64 shots. RU BJ Services. 1866 psi on well. Frac CP3/CP4 sds w/ 41,069#'s of 20/40 sand in 437 bbls of Lightning 17 fluid. Broke @ 2408 psi. Treated w/ ave pressure of 2043 psi w/ ave rate of 22.3 BPM. ISIP 2281 psi. Leave pressure on well. 1025 BWTR. Stage #3 CP.5/CP1/CP2 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 1- 4', 14', 2- 6' perf guns. Set plug @ 6140'. Perforate CP.5 sds @ 6020-24' & CP1 sds @ 6060-74' & CP2 sds @ 6098-6104' & 6116-22' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 120 shots. RU BJ Services. 2168 psi on well. Frac CP.5/CP1/CP2 sds w/ 80,655#'s of 20/40 sand in 655 bbls of Lightning 17 fluid. Broke @ 2168 psi. Treated w/ ave pressure of 1716 psi w/ ave rate of 27.2 BPM. ISIP 2041 psi. Leave pressure on well. 1680 BWTR. Stage #4 LODC sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 1- 6', 12' perf guns. Set plug @ 5930'. Perforate LODC sds @ 5888-94' & 5864-76' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 72 shots. SWIFN.

**9/20/2008 Day: 3**

**Completion**

Rigless on 9/19/2008 - Stage #4 LODC sds. RU BJ Services. 1095 psi on well. Frac LODC sds w/ 60,618#'s of 20/40 sand in 544 bbls of Lightning 17 fluid. Broke @ 4100 psi. Treated w/ ave pressure of 2884 psi w/ ave rate of 22.0 BPM. ISIP 3451 psi. Leave pressure on well. 2224 BWTR. Stage #5 A1 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 16' perf gun. Set plug @ 5660'. Perforate A1 sds @ 5544-60' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 64 shots. RU BJ Services. 1955 psi on well. Frac A1 sds w/ 50,355#'s of 20/40 sand in 466 bbls of Lightning 17 fluid. Broke @ 2416 psi. Treated w/ ave pressure of 2193 psi w/ ave rate of 26.0 BPM. ISIP 2376 psi. Leave pressure on well. 2690 BWTR. Stage #6 B2 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 8' perf gun. Set plug @ 5450'. Perforate B2 sds @ 5406-14' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 32 shots. RU BJ Services. 1812 psi on well. Frac B2 sds w/ 35,472#'s of 20/40 sand in 386 bbls of Lightning 17 fluid. Broke @ 2797 psi. Treated w/ ave pressure of 1917 psi w/ ave rate of 20.2 BPM. ISIP 2058 psi. Leave pressure on well. 3076 BWTR. Stage #7 C

sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 8' perf gun. Set plug @ 5330'. Perforate C sds @ 5286-94' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 32 shots. RU BJ Services. 1583 psi on well. Frac C sds w/ 34,983#'s of 20/40 sand in 380 bbls of Lightning 17 fluid. Broke @ 4089 psi. Treated w/ ave pressure of 1890 psi w/ ave rate of 25.6 BPM. ISIP 2632 psi. Leave pressure on well. 3456 BWTR. Stage #8 D2 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 10' perf gun. Set plug @ 5200'. Perforate D2 sds @ 5164-74' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 40 shots. RU BJ Services. 1421 psi on well. Frac D2 sds w/ 40,293#'s of 20/40 sand in 412 bbls of Lightning 17 fluid. Broke @ 2604 psi. Treated w/ ave pressure of 1722 psi w/ ave rate of 22.2 BPM. ISIP 2226 psi. Leave pressure on well. 3868 BWTR. Stage #9 PB10 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 6' perf gun. Set plug @ 4900'. Perforate PB10 sds @ 4814-20' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 24 shots. RU BJ Services. 1497 psi on well. Frac PB10 sds w/ 24,266#'s of 20/40 sand in 348 bbls of Lightning 17 fluid. Broke @ 2662 psi. Treated w/ ave pressure of 2195 psi w/ ave rate of 24.1 BPM. ISIP 2317 psi. Leave pressure on well. 4216 BWTR. Stage #10 PB10 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 14', 4' perf guns. Set plug @ 4700'. Perforate GB6 sds @ 4602-16' & 4632-36' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 72 shots. RU BJ Services. 1715 psi on well. Frac GB6 sds w/ 31,811#'s of 20/40 sand in 366 bbls of Lightning 17 fluid. Broke @ 2688 psi. Treated w/ ave pressure of 1819 psi w/ ave rate of 22.4 BPM. ISIP 2064 psi. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 6 hrs & died off. Recovered 700 bbls. SWIFN.

---

9/23/2008 Day: 4

Completion

Leed #712 on 9/22/2008 - MIRU Bleed off well. ND Cameron BOP & 5m frac head. NU 3m production head & Schafer BOP. RIH w/ 4 3/4" chomp bit, bit sub & new 2 7/8" tbg. from pipe rack (tallying & drifting). SWIFN.

---

9/24/2008 Day: 5

Completion

Leed #712 on 9/23/2008 - Bleed off well. Cont. RIH w/ tbg. Tag sand @ 4670'. RU powerswivel & pump. C/O to CBP @ 4700'. DU CBP in 25 min. Cont. RIH w/ tbg. Tag sand @ 4860'. C/O to CBP @ 4900'. DU CBP in 17 min. Cont. RIH w/ tbg. Tag sand @ 5110'. C/O to CBP @ 5200'. Well started flowing oil--filled flat tk. Tie into flowline & let bleed to tks overnight. Heated & transferred oil from flat tk. Gained est 150 BW today. Est 3712 BWTR.

---

9/25/2008 Day: 6

Completion

Leed #712 on 9/24/2008 - Bleed off well--flowing oil. RU & circ well to production tks. Well stays flowing moderately. Con't C/O sd & drill out composite bridge plugs as follows (using conventional circulation): plug @ 5330' in 40 minutes; plug @ 5450' in 45 minutes; plug @ 5660' in 45 minutes; sd @ 5743'. C/O sd to plug @ 5930'. Circ hole clean. Having to stop & transfer oil from flat tk to production tks. Hang back swivel & pull EOT to 5912'. Gained est 250 BW during cleanout. SIFN W/ est 3462 BWTR.

---

9/26/2008 Day: 7

Completion

Leed #712 on 9/25/2008 - Bleed off well--flowing oil. RU & circ well to production

tk. Well stays flowing moderately. Con't C/O sd & drill out composite bridge plugs as follows (using conventional circulation): plug @ 5930' in 42 minutes; sd @ 6036', plug @ 6140' in 32 minutes; no sd, plug @ 6300' in 39 minutes. Con't swivelling jts in hole to tag fill @ 6358'. Drill plug remains & sd to PBD @ 6508'. Circ hole clean. Gained est 200 BTF during cleanout. RD swivel & pull EOT to 6443'. Let well flow to pit for sand cleanup. Rec est 130 BTF in 2 hrs W/ lg tr oil, light gas & no sand. SIFN W/ est 3132 BWTR.

---

**9/27/2008 Day: 8**

**Completion**

Leed #712 on 9/26/2008 - Bleed well off to production tks while RU HO trk & circ well W/ 200 bbls hot 10# brine wtr. Gained est 200 add'l BW. Monitor well--still flowing small amount f/ both sides. TIH W/ tbg f/ 6443' to tag fill @ 6497' (11' new fill). C/O fill to PBD @ 6508' & circ well clean. Small flow seems manageable. LD excess tbg. TOH W/ 100 jts tbg. Well blew in. Circ well, flowing strong. Strip back in hole W/ tbg. Stopped & re-circulate well 3 times to get EOT to 6400'. RU adjustable choke to tbg. Open to treater on 20/64" choke @ 6:00 PM. Est 2932 BWTR.

---

**9/30/2008 Day: 9**

**Completion**

Leed #712 on 9/29/2008 - Well flowed est 825 BW & 200 BO over weekend. Tbg dead this AM. Bleed annulus off. RU & circ well W/ 200 bbls 10# brine wtr. Rec est 150 add'l BW & 40 BO during circulation. Well static. TOH W/ tbg f/ 6400'--LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 1 jt tbg, SN, 2 jt tbg, new CDI 5 1/2" TA (45K) & 205 jts 2 7/8 8rd 6.5# J-55 tbg. Well still static. ND BOP. Set TA @ 6306' W/ SN @ 6369' & EOT @ 6402'. Land tbg W/ 16,000# tension. NU wellhead. SIFN W/ est 1957 BWTR.

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**10/1/2008 Day: 10**

**Completion**

Leed #712 on 9/30/2008 - Bleed sm amt gas off tbg. RU & pump 60 bbls 10# brine dn tbg (circulated back). PU & TIH W/ pump and "A" grade rod string as follows: new CDI 2 1/2" X 1 3/4" X 20' RHAC pump, 1 5/8" shear cplg (21K), 4-1 1/2" weight rods, 250-7/8" scraped rods (Norris 78 W/ 8 scrapers/rod), 1-8', 1-6' & 1-2' X 7/8" pony rods and 1 1/2" X 26' polished rod. Seat pump & RU pumping unit. Fill tbg W/ 2 BW. Pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 1959 BWTR. Place well on production @ 4:00 PM 9/30/2008 W/ 122" SL @ 5 SPM. FINAL REPORT!!

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**Pertinent Files: Go to File List**

**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 \_\_\_\_\_

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.\*)

At Surface 1997' FNL & 1976' FWL (SE/NW) Sec. 33, T8S, R16E  
At top prod. Interval reported below

At total depth

1997 fnl 3281 fw

*per HSM review*  
14. API NO. 43-013-32798 DATE ISSUED 6/7/08

12. COUNTY OR PARISH  
Duchesne

13. STATE  
UT

15. DATE SPUDDED  
8/11/08

16. DATE T.D. REACHED  
9/3/08

17. DATE COMPL. (Ready to prod.)  
9/25/08

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*  
5675' GL

5687' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD  
6585' 6403

21. PLUG BACK T.D., MD & TVD  
6508' 6326

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY  
----->

ROTARY TOOLS  
X

CABLE TOOLS

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

Green River 4602-6362'

25. WAS DIRECTIONAL SURVEY MADE  
Yes

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

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	326.27'	12-1/4"	To surface with 160 sx Class "G" crnt	
5-1/2" - J-55	15.5#	6566.73'	7-7/8"	350 sx Premlite II and 475 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 @	TA @
	6401.70'	6305.90'

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

INTERVAL	SIZE	SPF/NUMBER
(CP5) 6348-6362'	.49"	4/56
(CP3) 6198-6206', (CP4) 6260-6268'	.49"	4/64
5) 6020-24', (CP1) 6060-74', (CP2) 6098-6014, 6116-22'	.49"	4/120
(LODC) 5888-94', 5864-76"	.49"	4/72
(A1) 5544-60'	.49"	4/64
(B2) 5406-5414'	.49"	4/32
(C) 5286-94'	.49"	4/32
(D2) 5164-74'	.49"	4/40
(PB10) 4814-4820'	.49"	4/24
(GB6) 4602-16', 4632-36"	.49"	4/72

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6348-6362'	Frac w/ 29930# 20/40 sand in 433 bbls fluid
6198-6268'	Frac w/ 41069# 20/40 sand in 437 bbls fluid
6020-6122'	Frac w/ 80655# 20/40 sand in 655 bbls fluid
5864-5894'	Frac w/ 60618# 20/40 sand in 544 bbls fluid
5544-5560'	Frac w/ 50355# 20/40 sand in 466 bbls fluid
5406-5414'	Frac w/ 35472# 20/40 sand in 386 bbls fluid
5286-5294'	Frac w/ 34983# 20/40 sand in 380 bbls fluid
5164-5174'	Frac w/ 40293# 20/40 sand in 412 bbls fluid
4814-4820'	Frac w/ 24266# 20/40 sand in 348 bbls fluid
4602-4636'	Frac w/ 31811# 20/40 sand in 366 bbls fluid

**33.\* PRODUCTION**

DATE FIRST PRODUCTION 9/25/08	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-3/4" x 20' RHAC Pump w/ SM Plunger				WELL STATUS (Producing or shut-in) PRODUCING		
DATE OF TEST 9/30/08	HOURS TESTED	CHOKE SIZE	PRODN. FOR TEST PERIOD ----->	OIL--BBL. 105	GAS--MCF. 7	WATER--BBL. 75	GAS-OIL RATIO 67
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL-BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	

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

Sold & Used for Fuel

**RECEIVED**  
OCT 27 2008

35. LIST OF ATTACHMENTS

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

SIGNED: Tammi Lee  
Tammi Lee

TITLE: Production Clerk

DATE: 10/21/2008

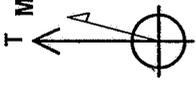
\*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);	38. GEOLOGIC MARKERS																																																							
	FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.																																																				
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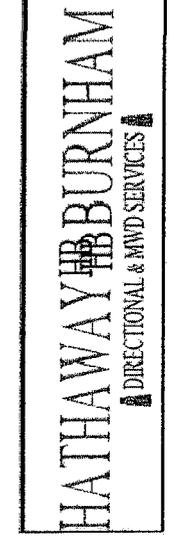
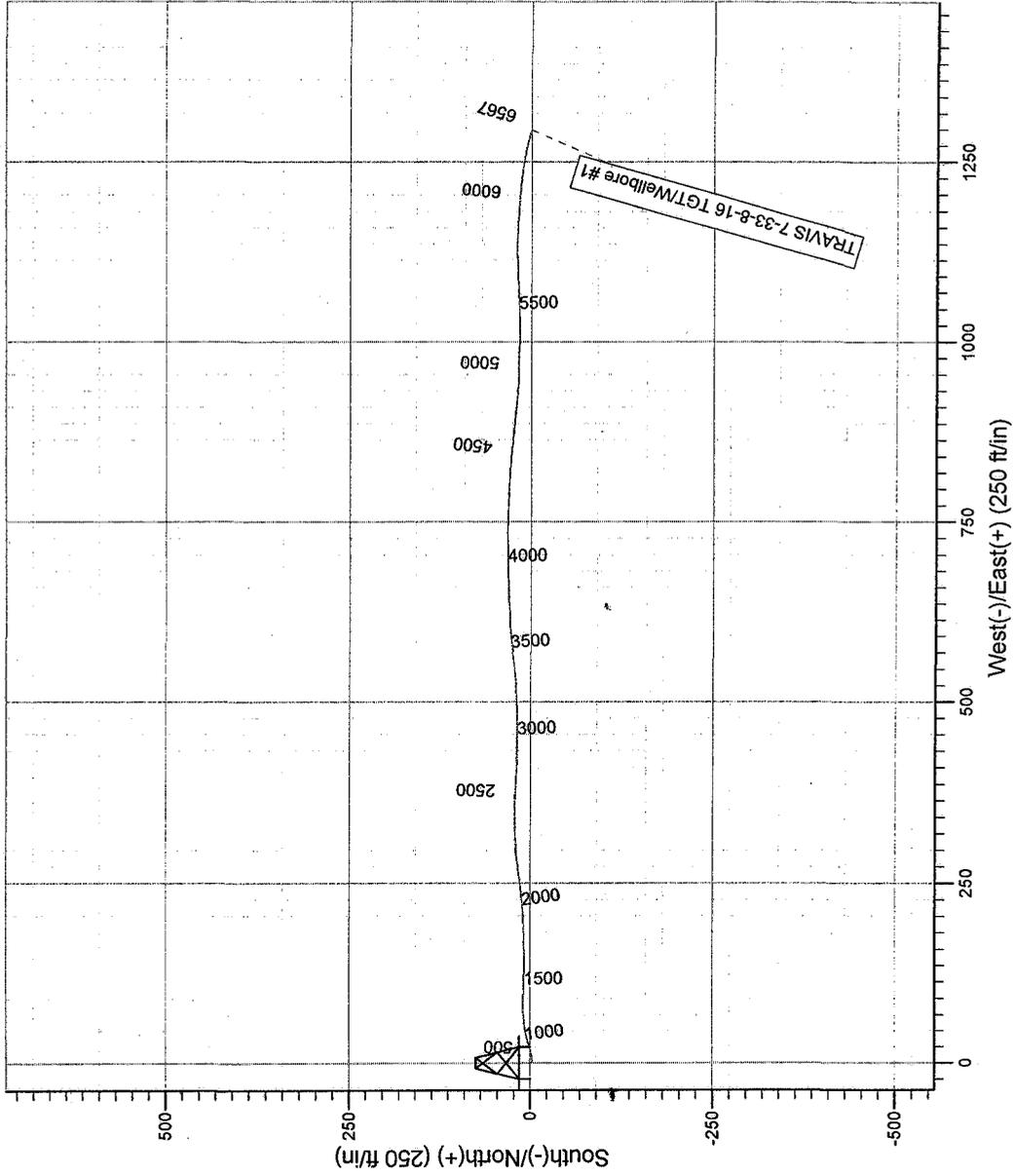
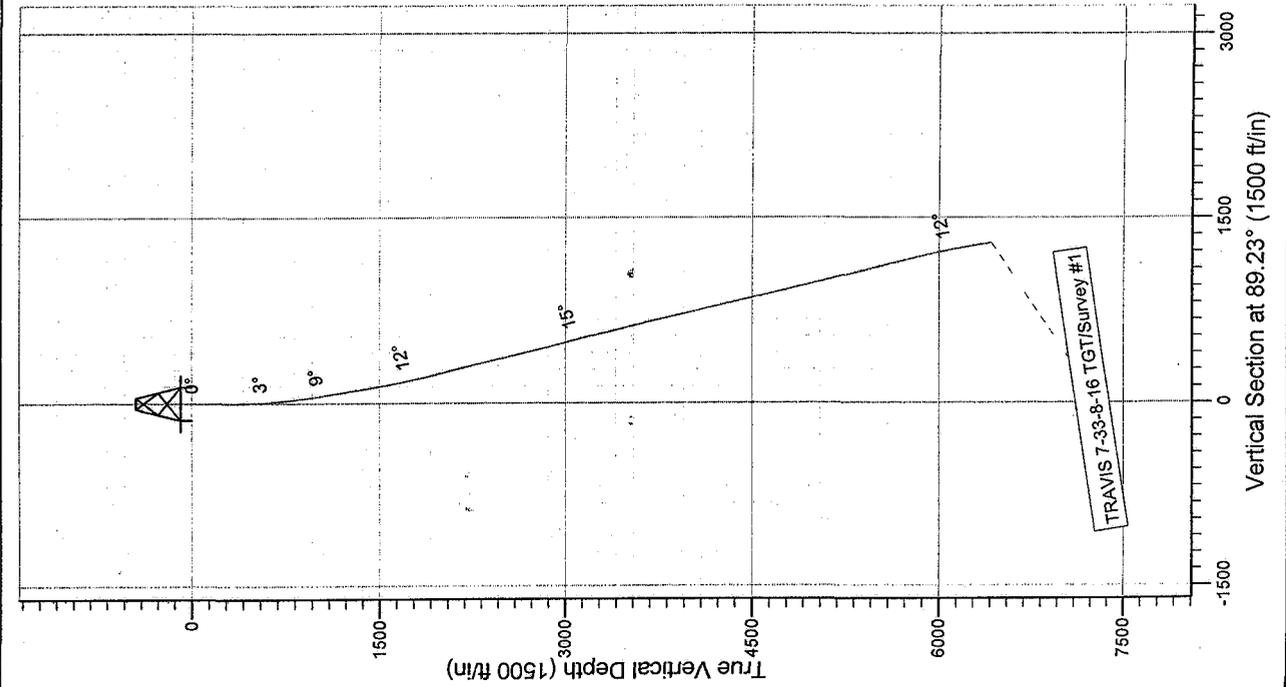


Project: USGS Myton SW (UT)  
 Site: SECTION 33  
 Well: TRAVIS 7-33-8-16 TGT  
 Wellbore: Wellbore #1  
 Design: Wellbore #1

Azimuths to True North  
 Magnetic North: 11.71°  
 Magnetic Field  
 Strength: 52592.0snT  
 Dip Angle: 65.89°  
 Date: 7/9/2008  
 Model: IGRF200510



FINAL SURVEY REPORT



Survey: Survey #1 (TRAVIS 7-33-8-16 TGT/Wellbore #1)  
 Created By: *Jim Hudson* Date: 8:41, September 04 2008  
 THIS SURVEY IS CORRECT TO THE BEST OF MY  
 KNOWLEDGE AND IS SUPPORTED BY ACTUAL  
 FIELD DATA.

**NEWFIELD**



# **NEWFIELD EXPLORATION**

**USGS Myton SW (UT)**

**SECTION 33**

**TRAVIS 7-33-8-16 TGT**

**Wellbore #1**

**Survey: Survey #1**

## **Standard Survey Report**

**04 September, 2008**

**HATHAWAY HB BURNHAM**  
DIRECTIONAL & MWD SERVICES



# Hathaway Burnham

## Survey Report



**Company:** NEWFIELD EXPLORATION  
**Project:** USGS Myton SW (UT)  
**Site:** SECTION 33  
**Well:** TRAVIS 7-33-8-16 TGT  
**Wellbore:** Wellbore #1  
**Design:** Wellbore #1

**Local Co-ordinate Reference:** Well TRAVIS 7-33-8-16 TGT  
**TVD Reference:** 7-33-8-16 @ 5686.5ft (PATTERSON 52 KB)  
**MD Reference:** 7-33-8-16 @ 5686.5ft (PATTERSON 52 KB)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.21 Single User Db

<b>Project</b>	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Utah Central Zone		Using geodetic scale factor

**Site** SECTION 33, SEC 33 T8S, R16E  
**Site Position:** Northing: 7,196,856.41 ft Latitude: 40° 4' 8.951 N  
**From:** Lat/Long Easting: 2,024,279.31 ft Longitude: 110° 7' 41.858 W  
**Position Uncertainty:** 0.0 ft Slot Radius: " Grid Convergence: 0.88 °

**Well** TRAVIS 7-33-8-16 TGT, SHL LAT: 40 04' 34.36", LONG: 110 07' 36.65"  
**Well Position** +N/-S 0.0 ft Northing: 7,199,433.27 ft Latitude: 40° 4' 34.360 N  
 +E/-W 0.0 ft Easting: 2,024,644.68 ft Longitude: 110° 7' 36.650 W  
**Position Uncertainty** 0.0 ft Wellhead Elevation: 5,686.5 ft Ground Level: 5,674.5 ft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF200510	7/9/2008	11.71	65.89	52,592

**Design** Wellbore #1  
**Audit Notes:**  
**Version:** 1.0 **Phase:** ACTUAL **Tie On Depth:** 0.0

<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	89.23

<b>Survey Program</b>	<b>Date</b> 9/4/2008			
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>
367.0	6,567.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
367.0	0.60	147.40	367.0	-1.6	1.0	1.0	0.16	0.16	0.00
397.0	0.70	170.20	397.0	-1.9	1.2	1.1	0.92	0.33	76.00
428.0	1.00	130.40	428.0	-2.3	1.4	1.4	2.08	0.97	-128.39
458.0	1.60	115.20	458.0	-2.6	2.0	1.9	2.29	2.00	-50.67
488.0	2.10	95.00	488.0	-2.9	2.9	2.9	2.71	1.67	-67.33
519.0	2.90	90.00	518.9	-2.9	4.2	4.2	2.67	2.58	-16.13
550.0	3.60	85.00	549.9	-2.8	6.0	6.0	2.43	2.26	-16.13
580.0	4.20	85.00	579.8	-2.7	8.0	8.0	2.00	2.00	0.00
611.0	5.00	80.90	610.7	-2.3	10.5	10.5	2.79	2.58	-13.23
642.0	5.50	76.20	641.6	-1.8	13.3	13.2	2.13	1.61	-15.16
673.0	5.50	74.00	672.4	-1.0	16.1	16.1	0.68	0.00	-7.10
703.0	5.50	72.20	702.3	-0.2	18.9	18.9	0.58	0.00	-6.00



# Hathaway Burnham

## Survey Report



**Company:** NEWFIELD EXPLORATION  
**Project:** USGS Myton SW (UT)  
**Site:** SECTION 33  
**Well:** TRAVIS 7-33-8-16 TGT  
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**MD Reference:** 7-33-8-16 @ 5686.5ft (PATTERSON 52 KB)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.21 Single User Db

### Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
734.0	5.60	73.90	733.2	0.7	21.8	21.8	0.62	0.32	5.48
765.0	5.80	72.70	764.0	1.6	24.7	24.7	0.75	0.65	-3.87
795.0	6.50	73.65	793.8	2.5	27.8	27.8	2.36	2.33	3.17
826.0	6.90	73.90	824.6	3.5	31.3	31.3	1.29	1.29	0.81
858.0	7.70	73.20	856.4	4.7	35.2	35.2	2.52	2.50	-2.19
889.0	8.00	79.10	887.1	5.7	39.3	39.3	2.77	0.97	19.03
921.0	8.30	81.20	918.7	6.5	43.7	43.8	1.32	0.94	6.56
953.0	8.50	81.40	950.4	7.2	48.4	48.4	0.63	0.63	0.63
985.0	9.00	82.30	982.0	7.9	53.2	53.3	1.62	1.56	2.81
1,016.0	9.00	84.20	1,012.7	8.4	58.0	58.1	0.96	0.00	6.13
1,048.0	9.10	86.40	1,044.3	8.8	63.0	63.1	1.13	0.31	6.88
1,079.0	9.10	86.30	1,074.9	9.1	67.9	68.0	0.05	0.00	-0.32
1,111.0	9.10	87.60	1,106.5	9.4	73.0	73.1	0.64	0.00	4.06
1,143.0	9.10	91.00	1,138.1	9.5	78.0	78.1	1.68	0.00	10.63
1,175.0	9.30	89.60	1,169.6	9.5	83.1	83.2	0.94	0.63	-4.38
1,207.0	9.20	91.40	1,201.2	9.4	88.3	88.4	0.96	-0.31	5.63
1,238.0	9.10	90.10	1,231.8	9.3	93.2	93.3	0.74	-0.32	-4.19
1,270.0	9.30	92.80	1,263.4	9.2	98.3	98.4	1.49	0.63	8.44
1,302.0	9.30	92.30	1,295.0	9.0	103.5	103.6	0.25	0.00	-1.56
1,334.0	9.30	89.20	1,326.6	8.9	108.6	108.8	1.57	0.00	-9.69
1,365.0	9.20	91.00	1,357.2	8.9	113.6	113.7	0.99	-0.32	5.81
1,397.0	9.30	91.40	1,388.8	8.8	118.8	118.9	0.37	0.31	1.25
1,429.0	9.30	90.10	1,420.3	8.7	123.9	124.0	0.66	0.00	-4.06
1,461.0	9.30	90.70	1,451.9	8.7	129.1	129.2	0.30	0.00	1.88
1,492.0	9.20	89.20	1,482.5	8.7	134.1	134.2	0.84	-0.32	-4.84
1,524.0	9.20	89.00	1,514.1	8.8	139.2	139.3	0.10	0.00	-0.63
1,557.0	9.60	91.30	1,546.7	8.8	144.6	144.7	1.66	1.21	6.97
1,588.0	10.00	88.90	1,577.2	8.8	149.9	150.0	1.84	1.29	-7.74
1,620.0	10.50	90.00	1,608.7	8.8	155.6	155.7	1.68	1.56	3.44
1,652.0	11.20	89.10	1,640.1	8.9	161.6	161.7	2.25	2.19	-2.81
1,684.0	11.80	90.60	1,671.5	8.9	168.0	168.1	2.09	1.88	4.69
1,715.0	12.30	88.70	1,701.8	8.9	174.4	174.5	2.06	1.61	-6.13
1,747.0	12.60	89.40	1,733.1	9.0	181.3	181.4	1.05	0.94	2.19
1,779.0	13.20	87.60	1,764.2	9.2	188.5	188.6	2.26	1.88	-5.63
1,811.0	13.80	87.00	1,795.4	9.6	195.9	196.1	1.93	1.88	-1.88
1,842.0	14.00	87.00	1,825.5	10.0	203.4	203.5	0.65	0.65	0.00
1,874.0	14.30	87.70	1,856.5	10.3	211.2	211.3	1.08	0.94	2.19
1,968.0	14.50	82.40	1,947.5	12.3	234.5	234.6	1.42	0.21	-5.64
2,064.0	14.30	82.70	2,040.5	15.4	258.1	258.3	0.22	-0.21	0.31
2,158.0	13.70	82.50	2,131.7	18.4	280.7	280.9	0.64	-0.64	-0.21
2,254.0	13.90	87.10	2,225.0	20.4	303.5	303.7	1.16	0.21	4.79
2,348.0	12.80	88.90	2,316.4	21.2	325.2	325.4	1.25	-1.17	1.91
2,443.0	13.40	87.60	2,408.9	21.9	346.7	346.9	0.70	0.63	-1.37
2,539.0	14.00	94.00	2,502.2	21.5	369.4	369.6	1.70	0.63	6.67
2,634.0	13.00	93.70	2,594.6	20.0	391.5	391.7	1.06	-1.05	-0.32
2,728.0	13.30	91.60	2,686.1	19.1	412.9	413.1	0.60	0.32	-2.23
2,823.0	14.70	90.00	2,778.3	18.7	435.8	436.1	1.53	1.47	-1.68
2,918.0	14.20	91.00	2,870.3	18.5	459.5	459.8	0.59	-0.53	1.05
3,013.0	13.80	87.10	2,962.5	18.9	482.5	482.7	1.08	-0.42	-4.11
3,108.0	15.20	90.00	3,054.4	19.5	506.3	506.5	1.66	1.47	3.05
3,203.0	14.80	84.50	3,146.2	20.6	530.8	531.0	1.56	-0.42	-5.79
3,298.0	13.10	83.10	3,238.4	23.1	553.6	553.8	1.82	-1.79	-1.47
3,394.0	12.90	81.20	3,332.0	26.1	575.0	575.3	0.49	-0.21	-1.98
3,489.0	14.00	86.60	3,424.3	28.4	596.9	597.3	1.76	1.16	5.68



Company: NEWFIELD EXPLORATION  
 Project: USGS Myton SW (UT)  
 Site: SECTION 33  
 Well: TRAVIS 7-33-8-16 TGT  
 Wellbore: Wellbore #1  
 Design: Wellbore #1

Local Co-ordinate Reference: Well TRAVIS 7-33-8-16 TGT  
 TVD Reference: 7-33-8-16 @ 5686.5ft (PATTERSON 52 KB)  
 MD Reference: 7-33-8-16 @ 5686.5ft (PATTERSON 52 KB)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature  
 Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
3,584.0	14.40	87.80	3,516.4	29.5	620.2	620.5	0.52	0.42	1.26
3,679.0	13.80	89.00	3,608.6	30.1	643.3	643.7	0.70	-0.63	1.26
3,775.0	13.80	85.50	3,701.8	31.2	666.2	666.6	0.87	0.00	-3.65
3,873.0	14.60	91.40	3,796.8	31.9	690.2	690.6	1.69	0.82	6.02
3,968.0	13.50	87.70	3,889.0	32.0	713.2	713.6	1.49	-1.16	-3.89
4,064.0	12.60	90.60	3,982.5	32.3	734.9	735.3	1.16	-0.94	3.02
4,159.0	13.00	91.50	4,075.1	32.0	756.0	756.3	0.47	0.42	0.95
4,254.0	13.80	92.10	4,167.6	31.3	778.0	778.3	0.85	0.84	0.63
4,349.0	14.00	91.90	4,259.8	30.5	800.8	801.1	0.22	0.21	-0.21
4,443.0	13.20	94.40	4,351.1	29.3	822.8	823.2	1.06	-0.85	2.66
4,538.0	13.10	97.10	4,443.6	27.1	844.3	844.6	0.66	-0.11	2.84
4,634.0	12.80	95.00	4,537.2	24.8	865.7	866.0	0.58	-0.31	-2.19
4,728.0	13.70	94.90	4,628.7	23.0	887.2	887.4	0.96	0.96	-0.11
4,823.0	14.30	95.90	4,720.9	20.8	910.1	910.3	0.68	0.63	1.05
4,919.0	13.50	94.40	4,814.1	18.7	933.0	933.2	0.91	-0.83	-1.56
5,014.0	14.60	90.60	4,906.2	17.8	956.1	956.2	1.51	1.16	-4.00
5,109.0	14.30	92.20	4,998.2	17.2	979.8	979.9	0.53	-0.32	1.68
5,204.0	13.00	91.40	5,090.5	16.5	1,002.2	1,002.3	1.38	-1.37	-0.84
5,297.0	13.10	89.40	5,181.1	16.3	1,023.2	1,023.3	0.50	0.11	-2.15
5,390.0	13.50	87.90	5,271.6	16.8	1,044.6	1,044.7	0.57	0.43	-1.61
5,485.0	14.00	88.30	5,363.9	17.6	1,067.1	1,067.3	0.54	0.53	0.42
5,581.0	13.30	87.80	5,457.2	18.3	1,089.8	1,089.9	0.74	-0.73	-0.52
5,677.0	13.80	87.20	5,550.5	19.3	1,112.2	1,112.4	0.54	0.52	-0.63
5,771.0	13.40	91.20	5,641.9	19.6	1,134.3	1,134.5	1.09	-0.43	4.26
5,866.0	14.20	91.90	5,734.2	19.0	1,157.0	1,157.1	0.86	0.84	0.74
5,962.0	13.90	94.50	5,827.3	17.7	1,180.2	1,180.4	0.73	-0.31	2.71
6,057.0	12.80	94.90	5,919.7	15.9	1,202.1	1,202.2	1.16	-1.16	0.42
6,152.0	12.20	95.30	6,012.5	14.1	1,222.6	1,222.7	0.64	-0.63	0.42
6,247.0	11.00	97.80	6,105.5	12.0	1,241.6	1,241.6	1.37	-1.26	2.63
6,342.0	10.20	100.50	6,198.9	9.2	1,258.8	1,258.8	0.99	-0.84	2.84
6,438.0	9.70	103.60	6,293.5	5.7	1,275.0	1,275.0	0.76	-0.52	3.23
6,507.0	9.00	106.10	6,361.5	2.9	1,285.9	1,285.8	1.17	-1.01	3.62
6,567.0	9.00	106.10	6,420.8	0.3	1,294.9	1,294.8	0.00	0.00	0.00

7-33-8-16 TGT

Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

H HEADER INFORMATION-----  
H COMPANY : NEWFIELD EXPLORATION  
H FIELD : USGS Myton SW (UT)  
H SITE : SECTION 33  
H WELL : TRAVIS 7-33-8-16 TGT  
H WELLPATH: Wellbore #1  
H DEPTHUNT: ft  
H SURVDATE: 9/3/2008  
H DECLINATION CORR.  
H = 10.83 TO GRIDH-----

H WELL INFORMATION  
H WELL EW MAP : 2024645  
H WELL NS MAP : 7199433  
H DATUM ELEVN : 5686.5  
H VSECT ANGLE : 89.23  
H VSECT NORTH : 0  
H VSECT EAST : 0

H-----  
H SURVEY TYPE INFORMATION  
H 367 - 6567 SURVEY #1 : MWD  
H-----

H	SURVEY	LIST						
MD	INC	AZI	TVD	NS	EW	VS	DLS	
	0	0	0	0	0	0	0	0
	50	0.08	147.4	50	-0.03	0.02	0.02	0.16
	100	0.16	147.4	100	-0.12	0.08	0.08	0.16
	150	0.25	147.4	150	-0.27	0.17	0.17	0.16
	200	0.33	147.4	200	-0.48	0.31	0.3	0.16
	250	0.41	147.4	250	-0.75	0.48	0.47	0.16
	300	0.49	147.4	300	-1.08	0.69	0.68	0.16
	350	0.57	147.4	349.99	-1.47	0.94	0.92	0.16
	400	0.71	165.19	399.99	-1.97	1.16	1.13	0.48
	450	1.43	118	449.98	-2.55	1.78	1.74	2.17
	500	2.41	92.67	499.96	-2.9	3.37	3.33	2.54
	550	3.6	85	549.89	-2.83	6	5.96	2.51
	600	4.71	82.2	599.76	-2.48	9.57	9.54	2.26
	650	5.5	75.63	649.55	-1.59	14.02	13.99	1.96
	700	5.5	72.38	699.32	-0.26	18.62	18.61	0.62
	750	5.7	73.27	749.08	1.14	23.27	23.29	0.44
	800	6.56	73.69	798.8	2.67	28.33	28.37	1.73
	850	7.5	73.36	848.43	4.37	34.15	34.2	1.87
	900	8.1	79.84	897.96	5.97	40.78	40.86	2.13
	950	8.48	81.38	947.44	7.1	47.92	48.01	0.88
	1000	9	83.22	996.85	8.15	55.5	55.61	1.18
	1050	9.1	86.4	1046.23	8.86	63.32	63.43	1.02
	1100	9.1	87.15	1095.6	9.34	71.21	71.33	0.24
	1150	9.14	90.69	1144.97	9.46	79.12	79.24	1.12

1200	9.22	91	1194.32	9.43	87.15	87.27	0.19
1250	9.17	91.13	1243.68	9.32	95.1	95.22	0.1
1300	9.3	92.33	1293.03	9	103.15	103.27	0.46
1350	9.25	90.12	1342.37	8.93	111.22	111.33	0.72
1400	9.3	91.28	1391.72	8.79	119.26	119.36	0.39
1450	9.3	90.49	1441.07	8.71	127.34	127.44	0.25
1500	9.2	89.15	1490.42	8.72	135.37	135.48	0.48
1550	9.51	90.83	1539.76	8.79	143.44	143.54	0.83
1600	10.19	89.33	1589.03	8.79	151.98	152.08	1.44
1650	11.16	89.15	1638.17	8.85	161.2	161.31	1.94
1700	12.06	89.6	1687.14	8.87	171.28	171.38	1.81
1750	12.66	89.22	1735.98	9.04	182	182.1	1.21
1800	13.59	87.2	1784.67	9.44	193.34	193.45	2.09
1850	14.07	87.18	1833.21	10.06	205.32	205.43	0.96
1900	14.34	86.22	1881.67	10.66	217.61	217.74	0.71
1950	14.45	83.4	1930.1	11.79	229.99	230.13	1.42
2000	14.43	82.5	1978.52	13.4	242.38	242.54	0.45
2050	14.33	82.66	2026.95	15	254.7	254.88	0.22
2100	14.07	82.63	2075.42	16.57	266.88	267.08	0.52
2150	13.75	82.52	2123.95	18.12	278.8	279.02	0.64
2200	13.78	84.53	2172.52	19.49	290.59	290.83	0.96
2250	13.89	86.91	2221.07	20.39	302.51	302.76	1.16
2300	13.36	87.94	2269.66	20.91	314.3	314.55	1.17
2350	12.81	88.87	2318.36	21.22	325.6	325.86	1.17
2400	13.13	88.17	2367.09	21.51	336.82	337.08	0.7
2450	13.44	88.08	2415.75	21.93	348.3	348.56	0.62
2500	13.74	91.47	2464.35	21.97	360.04	360.31	1.7
2550	13.88	93.97	2512.89	21.34	372.02	372.27	1.23
2600	13.36	93.81	2561.48	20.54	383.77	384.01	1.06
2650	13.05	93.34	2610.18	19.81	395.1	395.33	0.65
2700	13.21	92.22	2658.87	19.26	406.45	406.67	0.6
2750	13.62	91.2	2707.52	18.93	417.98	418.2	0.95
2800	14.36	90.36	2756.04	18.76	430.07	430.28	1.53
2850	14.56	90.28	2804.43	18.73	442.66	442.87	0.4
2900	14.29	90.81	2852.85	18.61	455.12	455.32	0.59
2950	14.06	89.71	2901.33	18.49	467.36	467.56	0.71
3000	13.85	87.65	2949.85	18.77	479.41	479.62	1.08
3050	14.34	88.3	2998.37	19.27	491.5	491.71	1.03
3100	15.08	89.78	3046.73	19.48	504.19	504.41	1.66
3150	15.01	87.6	3095	19.71	517.22	517.44	1.14
3200	14.81	84.68	3143.32	20.58	530.05	530.28	1.56
3250	13.96	83.85	3191.74	21.83	542.43	542.67	1.75
3300	13.1	83.06	3240.36	23.16	554.03	554.29	1.76
3350	12.99	82.08	3289.07	24.62	565.22	565.5	0.49
3400	12.97	81.57	3337.8	26.25	576.3	576.6	0.23
3450	13.53	84.49	3386.47	27.64	587.67	587.99	1.76
3500	14.05	86.74	3435.02	28.51	599.59	599.92	1.48

3550	14.26	87.38	3483.5	29.14	611.79	612.13	0.52
3600	14.3	88	3531.95	29.64	624.16	624.51	0.32
3650	13.98	88.62	3580.43	30	636.37	636.72	0.7
3700	13.8	88.23	3628.98	30.26	648.34	648.69	0.42
3750	13.8	86.41	3677.53	30.82	660.25	660.6	0.87
3800	13.99	87.07	3726.08	31.63	672.19	672.55	0.5
3850	14.4	90.07	3774.56	31.93	684.44	684.81	1.69
3900	14.28	90.41	3822.97	31.75	696.93	697.29	0.29
3950	13.7	88.45	3871.49	31.87	709.02	709.38	1.49
4000	13.2	88.62	3920.12	32.25	720.63	721	1.02
4050	12.73	90.15	3968.84	32.37	731.85	732.22	1.16
4100	12.75	90.95	4017.62	32.24	742.82	743.18	0.35
4150	12.96	91.42	4066.37	32.01	753.94	754.3	0.47
4200	13.35	91.77	4115.06	31.69	765.3	765.66	0.78
4250	13.77	92.08	4163.67	31.3	777.01	777.36	0.85
4300	13.9	92	4212.22	30.87	788.97	789.31	0.26
4350	13.99	91.93	4260.74	30.46	801.01	801.35	0.19
4400	13.56	93.22	4309.3	29.93	812.91	813.24	1.06
4450	13.19	94.6	4357.95	29.14	824.43	824.75	0.98
4500	13.14	96.02	4406.64	28.09	835.77	836.07	0.66
4550	13.06	96.84	4455.33	26.78	847.03	847.31	0.4
4600	12.9	95.75	4504.06	25.54	858.2	858.46	0.58
4650	12.95	94.98	4552.8	24.52	869.28	869.53	0.36
4700	13.43	94.93	4601.48	23.54	880.65	880.88	0.96
4750	13.84	95.14	4650.07	22.52	892.41	892.63	0.82
4800	14.15	95.67	4698.58	21.38	904.45	904.65	0.68
4850	14.07	95.5	4747.06	20.15	916.65	916.84	0.18
4900	13.66	94.71	4795.6	19.08	928.59	928.76	0.91
4950	13.85	93.1	4844.19	18.25	940.35	940.51	0.86
5000	14.43	91.12	4892.67	17.81	952.56	952.71	1.51
5050	14.49	91.2	4941.07	17.61	965.1	965.25	0.11
5100	14.33	92.05	4989.5	17.26	977.54	977.68	0.53
5150	13.74	91.87	5038	16.82	989.69	989.82	1.18
5200	13.05	91.44	5086.64	16.49	1001.27	1001.4	1.38
5250	13.05	90.41	5135.35	16.3	1012.53	1012.66	0.47
5300	13.11	89.35	5184.06	16.33	1023.84	1023.97	0.5
5350	13.33	88.53	5232.73	16.54	1035.28	1035.41	0.57
5400	13.55	87.94	5281.36	16.91	1046.89	1047.02	0.53
5450	13.82	88.16	5329.94	17.32	1058.71	1058.85	0.54
5500	13.89	88.23	5378.48	17.69	1070.73	1070.87	0.15
5550	13.53	87.97	5427.05	18.08	1082.57	1082.72	0.74
5600	13.4	87.68	5475.69	18.52	1094.14	1094.29	0.29
5650	13.66	87.36	5524.3	19.02	1105.83	1105.99	0.54
5700	13.7	88.16	5572.87	19.55	1117.69	1117.85	0.38
5750	13.48	90.29	5621.47	19.71	1129.44	1129.6	1.09
5800	13.64	91.42	5670.1	19.49	1141.1	1141.26	0.62
5850	14.07	91.79	5718.64	19.16	1153.07	1153.22	0.86

5900	14.09	92.81	5767.13	18.69	1165.27	1165.42	0.5
5950	13.94	94.17	5815.64	17.95	1177.36	1177.49	0.73
6000	13.46	94.65	5864.21	17.02	1189.19	1189.31	0.98
6050	12.88	94.87	5912.89	16.07	1200.55	1200.65	1.16
6100	12.53	95.08	5961.67	15.12	1211.49	1211.58	0.71
6150	12.21	95.29	6010.51	14.15	1222.15	1222.23	0.64
6200	11.59	96.5	6059.43	13.1	1232.42	1232.48	1.34
6250	10.97	97.88	6108.47	11.88	1242.12	1242.17	1.35
6300	10.55	99.26	6157.59	10.49	1251.35	1251.38	0.99
6350	10.16	100.75	6206.78	8.93	1260.19	1260.2	0.95
6400	9.89	102.34	6256.01	7.19	1268.72	1268.7	0.76
6450	9.58	104.01	6305.29	5.26	1276.97	1276.93	0.85
6500	9.07	105.83	6354.63	3.18	1284.8	1284.73	1.17
6550	9	106.1	6404.01	1.02	1292.32	1292.22	0.16
6567	9	106.1	6420.8	0.28	1294.87	1294.76	0

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-34173
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> TRAVIS FED 7-33-8-16	
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013327980000	
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1997 FNL 1976 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 33 Township: 08.0S Range: 16.0E Meridian: S		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

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

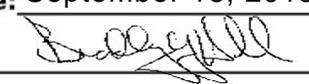
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/20/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

The subject well has been converted from a producing oil well to an injection well on 08/19/2013. On 08/20/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/20/2013 the casing was pressured up to 1480 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was not a State representative available to witness the test.

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

**Date:** September 18, 2013

**By:** 

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/22/2013	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: \_\_\_\_\_ Date 8/20/13 Time 9:00  am  pm

Test Conducted by: Britt Jensen

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

Well: Travis Federal 7-33-8-16 Field: OMBU  
Well Location: SE/NW Sec. 33, T8S, R16E API No: 43-013-32798

Conversion MIT

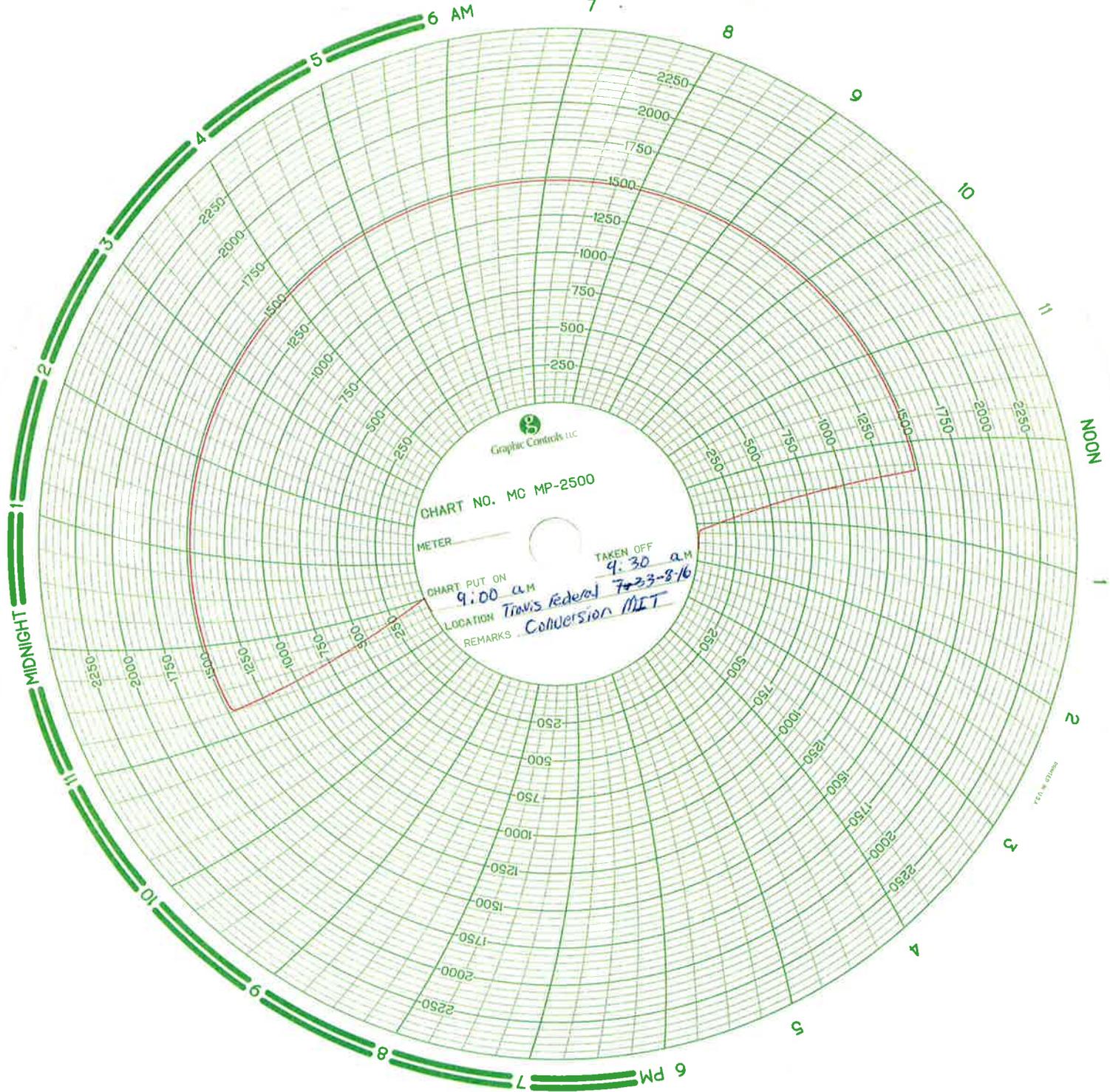
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1480</u>	psig
5	<u>1480</u>	psig
10	<u>1480</u>	psig
15	<u>1480</u>	psig
20	<u>1480</u>	psig
25	<u>1480</u>	psig
30 min	<u>1480</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 200 psig

Result:  Pass  Fail

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

Signature of Person Conducting Test: Britt Jensen



## Daily Activity Report

Format For Sundry

TRAVIS 7-33-8-16

6/1/2013 To 10/30/2013

8/19/2013 Day: 1

Conversion

WWS #5 on 8/19/2013 - MIRU, pump 60 bbls H2O down CSG remove head and unseat pump  
- MIRU, pump 60 bbls H2O down CSG remove head and unseat pump 14000over string Wt  
flush rods W/40 BBLs H2O fill and test TBG to 3000psi ok. LD 1 1/2x 30 polish rods 1-6' 1-4'  
2.2'7/8 8 per 4-1/2 Wt bars LD 2 1/2X 1 3/4 X 20 rods coi pump, stopped once & flushed W/  
25 BBLs H2O ND wellhead TAC not set, strip on 5000# bop ru floor & tbg works CWI @5:00. -  
MIRU, pump 60 bbls H2O down CSG remove head and unseat pump 14000over string Wt flush  
rods W/40 BBLs H2O fill and test TBG to 3000psi ok. LD 1 1/2x 30 polish rods 1-6' 1-4'  
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TOOH Breaking every connection W/147 jts 2 7/8 TBG LD 61 jts LD 51/2 B-2 TAC PSN & NC  
stopped once and flushed W/ 30 BBLs H2O PU & TIH W/ reentry guide Xn nipple 4' sub X-over  
arrow set pkr on/off tool psn & 147 jts 2 7//8 TBG pump 10 bbls pad circ sv to psn test tbg to  
3000psi leave over weekend SWDFN @ 5:30 - TOOH Breaking every connection W/147 jts 2  
7/8 TBG LD 61 jts LD 51/2 B-2 TAC PSN & NC stopped once and flushed W/ 30 BBLs H2O PU  
& TIH W/ reentry guide Xn nipple 4' sub X-over arrow set pkr on/off tool psn & 147 jts 2 7//8  
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**Finalized****Daily Cost:** \$0**Cumulative Cost:** \$17,062

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**8/20/2013 Day: 3****Conversion**

WWS #5 on 8/20/2013 - CK pressure on tbg 1100psi bump back up to 3000psi for 30 minutes ok, - CK pressure on tbg 1100psi bump back up to 3000psi for 30 minutes ok, RU & RIH W/ sandline RET Sv POOH & Rack out sandline. RD floor & TBG works. Strip off #5000 bops land TBG W/B-1 adapter flange, pump 60 bbls fresh H2O & packer fluid set 5 1/2 arrow set packer W/ 15000 tension @ 4537 psn @ 4531 EOT @ 4548 land tbg W/ B-1 adaptor NU wellhead, test W/ B-1 Adpator NU wellhead, test CSG & pkr to 1400psi for 30 minutes, good test, RDMO - CK pressure on tbg 1100psi bump back up to 3000psi for 30 minutes ok, RU & RIH W/ sandline RET Sv POOH & Rack out sandline. RD floor & TBG works. Strip off #5000 bops land TBG W/B-1 adapter flange, pump 60 bbls fresh H2O & packer fluid set 5 1/2 arrow set packer W/ 15000 tension @ 4537 psn @ 4531 EOT @ 4548 land tbg W/ B-1 adaptor NU wellhead, test W/ B-1 Adpator NU wellhead, test CSG & pkr to 1400psi for 30 minutes, good test, RDMO - CK pressure on tbg 1100psi bump back up to 3000psi for 30 minutes ok, RU & RIH W/ sandline RET Sv POOH & Rack out sandline. RD floor & TBG works. Strip off #5000 bops land TBG W/B-1 adapter flange, pump 60 bbls fresh H2O & packer fluid set 5 1/2 arrow set packer W/ 15000 tension @ 4537 psn @ 4531 EOT @ 4548 land tbg W/ B-1 adaptor NU wellhead, test W/ B-1 Adpator NU wellhead, test CSG & pkr to 1400psi for 30 minutes, good test, RDMO - CK pressure on tbg 1100psi bump back up to 3000psi for 30 minutes ok, RU & RIH W/ sandline RET Sv POOH & Rack out sandline. RD floor & TBG works. Strip off #5000 bops land TBG W/B-1 adapter flange, pump 60 bbls fresh H2O & packer fluid set 5 1/2 arrow set packer W/ 15000 tension @ 4537 psn @ 4531 EOT @ 4548 land tbg W/ B-1 adaptor NU wellhead, test W/ B-1 Adpator NU wellhead, test CSG & pkr to 1400psi for 30 minutes, good test, RDMO

**Finalized****Daily Cost:** \$0**Cumulative Cost:** \$27,781

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**8/21/2013 Day: 4****Conversion**

Rigless on 8/21/2013 - Conduct initial MIT - On 08/20/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/20/2013 the casing was pressured up to 1480 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was not a State representative available to witness the test. - On 08/20/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/20/2013 the casing was pressured up to 1480 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure

was 200 psig during the test. There was not a State representative available to witness the test. - On 08/20/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/20/2013 the casing was pressured up to 1480 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was not a State representative available to witness the test. - On 08/20/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/20/2013 the casing was pressured up to 1480 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was not a State representative available to witness the test. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$59,993

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**Pertinent Files: Go to File List**

Spud Date: 8/11/08  
 Put on Production: 9/30/08  
 GL: 5675' KB: 5687'

# Travis Federal 7-33-8-16

## SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (314.42')  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

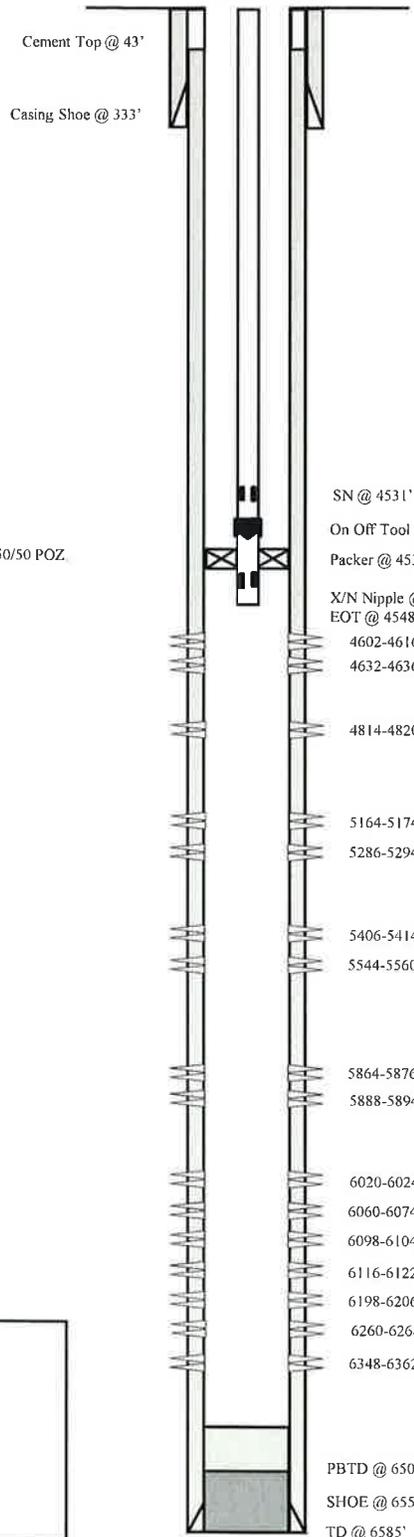
## PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 152 jts. (6553.48')  
 HOLE SIZE: 7-7/8"  
 TOTAL DEPTH: 6585'  
 CEMENT DATA: 350 sk Prem Lite II mixed & 475 sxs 50/50 POZ.  
 CEMENT TOP AT: 43'

## TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 147 jts (4519')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4531' KB  
 ON/OFF TOOL AT: 4532.1'  
 ARROW #1 PACKER CE AT: 4537.4'  
 XO 2-3/8 x 2-7/8 J-55 AT: 4541.5'  
 TBG PUP 2-3/8 J-55 AT: 4542.1'  
 X/N NIPPLE AT: 4546.2'  
 TOTAL STRING LENGTH: EOT @ 4547.72'

## Injection Wellbore Diagram



## FRAC JOB

9/18/08	6348-6362'	<b>Frac CP5 sands as follows:</b> Frac with 29930 #'s of 20/40 sand in 433 bbls Lightning 17 fluid. Treat at an ave pressure of 2290 psi @ 22.3 BPM ISIP 2251 psi.
9/18/08	6198-6268'	<b>Frac CP3/CP4 sands as follows:</b> Frac with 41069 #'s of 20/40 sand in 437 bbls Lightning 17 fluid. Treat at an ave pressure 2043 psi @ 22.3 BPM ISIP 2281 psi.
9/18/08	6020-6122'	<b>Frac CP.5/CP1/CP2 sands as follows:</b> Frac with 80655 #'s of 20/40 sand in 655 bbls Lightning 17 fluid. Treat at an ave pressure of 1716 psi @ 22.2 BPM ISIP 2041 psi.
9/19/08	5864-5894'	<b>Frac LODC sands as follows:</b> Frac with 60618 #'s of 20/40 sand in 544 bbls Lightning 17 fluid. Treat at an ave pressure of 2884 psi @ 22.0 BPM ISIP 3451 psi.
9/19/08	5544-5560'	<b>Frac A1 sands as follows:</b> Frac with 50355 #'s 20/40 sand in 466 bbls Lightning 17 fluid. Treat at an ave pressure of 2193 psi @ 26.0 BPM ISIP 2376 psi.
9/19/08	5406-5414'	<b>Frac B2 sands as follows:</b> Frac with 35472 #'s 20/40 sand in 386 bbls Lightning 17 fluid. Treat at an ave pressure of 1917 psi @ 20.2 BPM ISIP 2058 psi.
9/19/08	5286-5294'	<b>Frac C sands as follows:</b> Frac with 34983 #'s 20/40 sand in 380 bbls Lightning 17 fluid. Treat at an ave pressure of 1890 psi @ 25.6 BPM ISIP 2632 psi.
9/19/08	5164-5174'	<b>Frac D2 sands as follows:</b> Frac with 40293 #'s 20/40 sand in 412 bbls Lightning 17 fluid. Treat at an ave pressure of 1722 psi @ 22.2 BPM ISIP 2226 psi.
9/19/08	4814-4820'	<b>Frac PB10 sands as follows:</b> Frac with 24266 #'s 20/40 sand in 348 bbls Lightning 17 fluid. Treat at an ave pressure of 2195 psi @ 24.1 BPM ISIP 2317 psi.
9/19/08	4602-4636'	<b>Frac GB6 sands as follows:</b> Frac with 31811 #'s 20/40 sand in 366 bbls Lightning 17 fluid. Treat at an ave pressure of 1819 psi @ 22.4 BPM ISIP 2064 psi.
05/03/11		<b>Pump Change</b> Rod & tubing updated.
01/30/12		<b>Pump Change</b> Rod & tubing updated.
2/8/12		<b>Pump Change.</b> Rod & tubing updated.
08/19/13		<b>Convert to Injection Well</b>
08/20/13		<b>Conversion MIT Finalized</b> – update tbg detail

## PERFORATION RECORD

4602-4616'	4 JSPF	56 holes
4632-4636'	4 JSPF	16 holes
4814-4820'	4 JSPF	24 holes
5164-5174'	4 JSPF	40 holes
5286-5294'	4 JSPF	32 holes
5406-5414'	4 JSPF	32 holes
5544-5560'	4 JSPF	64 holes
5864-5876'	4 JSPF	48 holes
5888-5894'	4 JSPF	24 holes
6020-6024'	4 JSPF	16 holes
6060-6074'	4 JSPF	56 holes
6098-6104'	4 JSPF	24 holes
6116-6122'	4 JSPF	24 holes
6198-6206'	4 JSPF	320 holes
6260-6268'	4 JSPF	322 holes
6348-6362'	4 JSPF	56 holes

## NEWFIELD

Travis Federal 7-33-8-16  
 1997' FNL & 1976' FWL  
 SENW Section 33-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-32798; UTU-34173

<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-34173
		<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> TRAVIS FED 7-33-8-16
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43013327980000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1997 FNL 1976 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 33 Township: 08.0S Range: 16.0E Meridian: S		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/27/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

The above reference well was put on injection at 11:00 AM on  
09/27/2013.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
October 07, 2013**

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/4/2013	



November 18, 2010

Mr. Dan Jarvis  
State of Utah  
Division of Oil, Gas and Mining  
Post Office Box 145801  
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well  
Travis Federal #7-33-8-16  
Monument Butte Field, Lease #UTU-34173  
Section 33-Township 8S-Range 16E  
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Travis Federal #7-33-8-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

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

Sincerely,

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

Eric Sundberg  
Regulatory Lead

**RECEIVED**  
**NOV 29 2010**  
**DIV. OF OIL, GAS & MINING**

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**TRAVIS FEDERAL #7-33-8-16**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #UTU-34173**  
**NOVEMBER 18, 2010**

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ATTACHMENT E-17	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #5-34-8-16
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED 7/1/08 – 10/1/08
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL



# Travis Federal 7-33-8-16

Spud Date: 8/11/08  
 Put on Production: 9/30/08  
 GL: 5675' KB: 5687'

## SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (314.42')  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

## PRODUCTION CASING

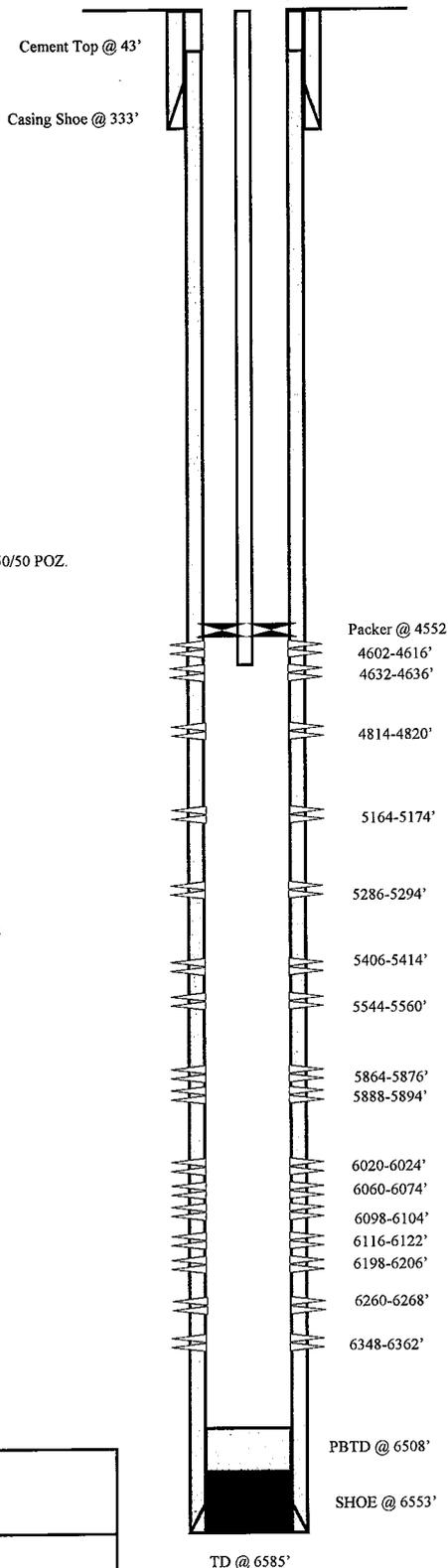
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 152 jts. (6553.48')  
 HOLE SIZE: 7-7/8"  
 TOTAL DEPTH: 6585'  
 CEMENT DATA: 350 sk Prem. Lite II mixed & 475 sxs 50/50 POZ.  
 CEMENT TOP AT: 43'

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 205 jts (6293.90')  
 TUBING ANCHOR: 6305.90'  
 NO. OF JOINTS: 2 jts (60.54')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 6369.21' KB  
 NO. OF JOINTS: 1 jts (30.94')  
 TOTAL STRING LENGTH: EOT @ 6401.70' w/12' KB

## Proposed Injection

### Wellbore Diagram



## FRAC JOB

Date	Job ID	Description
9/18/08	6348-6362'	<b>Frac CP5 sands as follows:</b> Frac with 29930 #'s of 20/40 sand in 433 bbls Lightning 17 fluid. Treat at an ave pressure of 2290 psi @ 22.3 BPM. ISIP 2251 psi.
9/18/08	6198-6268'	<b>Frac CP3/CP4 sands as follows:</b> Frac with 41069 #'s of 20/40 sand in 437 bbls Lightning 17 fluid. Treat at an ave pressure 2043 psi @ 22.3 BPM. ISIP 2281 psi.
9/18/08	6020-6122'	<b>Frac CP.5/CP1/CP2 sands as follows:</b> Frac with 80655 #'s of 20/40 sand in 655 bbls Lightning 17 fluid. Treat at an ave pressure of 1716 psi @ 22.2 BPM. ISIP 2041 psi.
9/19/08	5864-5894'	<b>Frac LODC sands as follows:</b> Frac with 60618 #'s of 20/40 sand in 544 bbls Lightning 17 fluid. Treat at an ave pressure of 2884 psi @ 22.0 BPM. ISIP 3451 psi.
9/19/08	5544-5560'	<b>Frac A1 sands as follows:</b> Frac with 50355 #'s 20/40 sand in 466 bbls Lightning 17 fluid. Treat at an ave pressure of 2193 psi @ 26.0 BPM. ISIP 2376 psi.
9/19/08	5406-5414'	<b>Frac B2 sands as follows:</b> Frac with 35472 #'s 20/40 sand in 386 bbls Lightning 17 fluid. Treat at an ave pressure of 1917 psi @ 20.2 BPM. ISIP 2058 psi.
9/19/08	5286-5294'	<b>Frac C sands as follows:</b> Frac with 34983 #'s 20/40 sand in 380 bbls Lightning 17 fluid. Treat at an ave pressure of 1890 psi @ 25.6 BPM. ISIP 2632 psi.
9/19/08	5164-5174'	<b>Frac D2 sands as follows:</b> Frac with 40293 #'s 20/40 sand in 412 bbls Lightning 17 fluid. Treat at an ave pressure of 1722 psi @ 22.2 BPM. ISIP 2226 psi.
9/19/08	4814-4820'	<b>Frac PB10 sands as follows:</b> Frac with 24266 #'s 20/40 sand in 348 bbls Lightning 17 fluid. Treat at an ave pressure of 2195 psi @ 24.1 BPM. ISIP 2317 psi.
9/19/08	4602-4636'	<b>Frac GB6 sands as follows:</b> Frac with 31811 #'s 20/40 sand in 366 bbls Lightning 17 fluid. Treat at an ave pressure of 1819 psi @ 22.4 BPM. ISIP 2064 psi.

## PERFORATION RECORD

Depth Range	Tool Joint	Holes
4602-4616'	4 JSPF	56 holes
4632-4636'	4 JSPF	16 holes
4814-4820'	4 JSPF	24 holes
5164-5174'	4 JSPF	40 holes
5286-5294'	4 JSPF	32 holes
5406-5414'	4 JSPF	32 holes
5544-5560'	4 JSPF	64 holes
5864-5876'	4 JSPF	48 holes
5888-5894'	4 JSPF	24 holes
6020-6024'	4 JSPF	16 holes
6060-6074'	4 JSPF	56 holes
6098-6104'	4 JSPF	24 holes
6116-6122'	4 JSPF	24 holes
6198-6206'	4 JSPF	320 holes
6260-6268'	4 JSPF	322 holes
6348-6362'	4 JSPF	56 holes

**NEWFIELD**

Travis Federal 7-33-8-16  
 1997' FNL & 1976' FWL  
 SENW Section 33-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-32798; UTU-34173

## WORK PROCEDURE FOR INJECTION CONVERSION

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

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

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

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

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

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

See Attachment A.

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

Approval is requested to convert the Travis Federal #7-33-8-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

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

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

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

The injection zone is in the Green River Formation. For the Travis Federal #7-33-8-16 well, the proposed injection zone is from Garden Gulch to Castle Peak (4381' - 6508'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 4035' and the TD is at 6585'.

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

The referenced log for the Travis Federal #7-33-8-16 is on file with the Utah Division of Oil, Gas and Mining.

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

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

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

See Attachment B.

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

See Attachment C.

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

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

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

This proposed injection well is on a Federal lease (Lease #UTU-34173) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

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

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

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

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 333' KB, and 5-1/2", 15.5# casing run from surface to 6585' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

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

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

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

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

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2002 psig.

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

The minimum fracture gradient for the Travis Federal #7-33-8-16, for existing perforations (4602' - 6362') calculates at 0.77 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2002 psig. We may add additional perforations between 4035' and 6585'. See Attachments G and G-1.

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

In the Travis Federal #7-33-8-16, the proposed injection zone (4381' - 6508') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

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

See Attachments E through E-17.

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

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

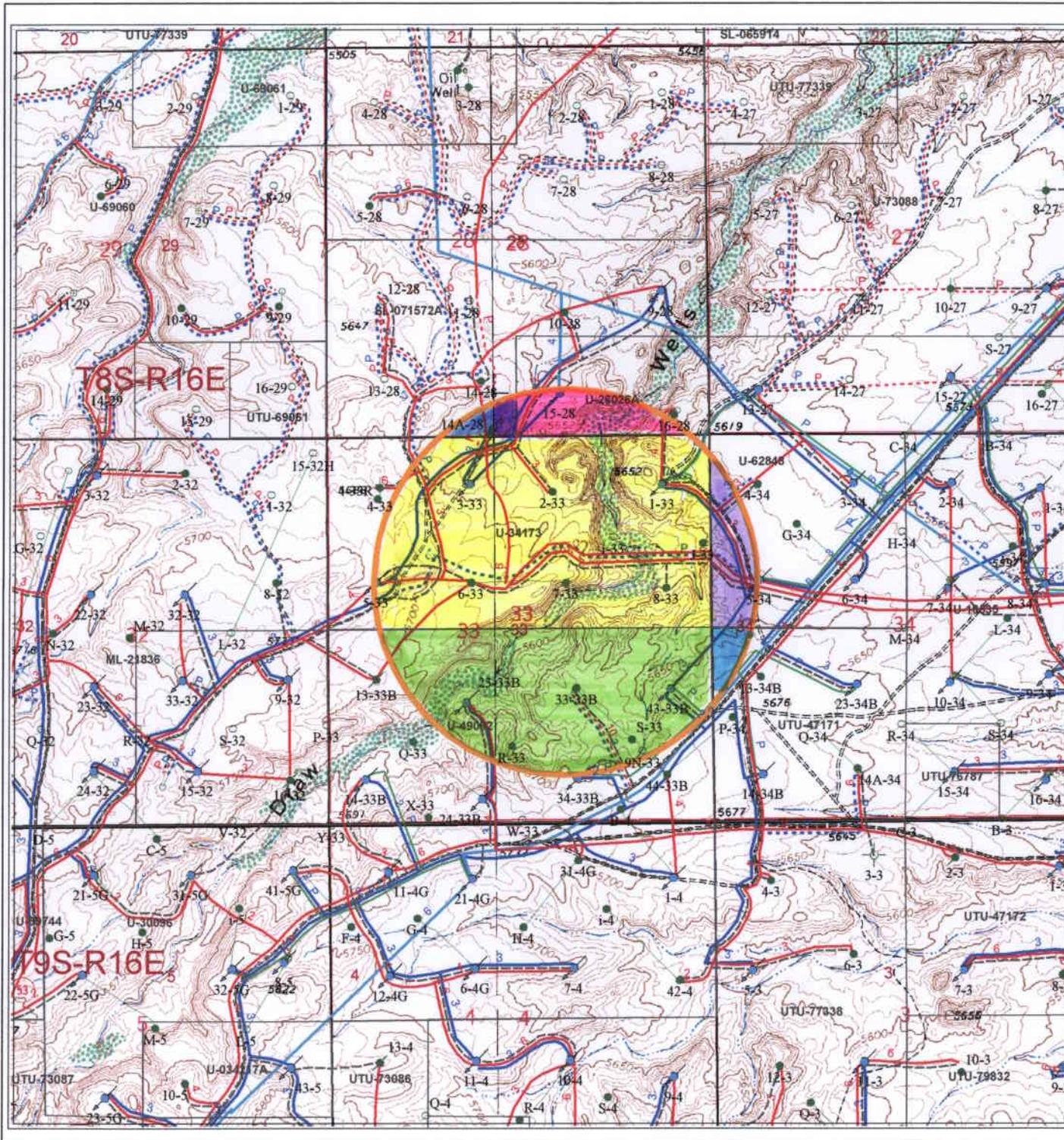
See Attachment C.

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

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

# ATTACHMENT A

(Bottom Hole Loc)



- 7-33-8-16 1/2mile radius
- Well Status**
- Location
- CTI
- ⊙ Surface Spud
- ⊕ Drilling
- Waiting on Completion
- Producing Oil Well
- Producing Gas Well
- ⊕ Water Injection Well
- ⊕ Dry Hole
- ⊕ Temporarily Abandoned
- ⊕ Plugged & Abandoned
- ⊕ Shut In
- Countyline
- Injection system**
- high pressure
- low pressure
- ⋯ proposed
- return
- ⋯ return proposed
- Leases
- Mining tracts
- Gas Pipelines**
- Gathering lines
- ⋯ Proposed lines

- UTU-34173
- UTU-49092
- SL-071752-A
- UTU-26026-A
- UTU-47171
- UTU-62848

Travis 7-33  
Section 33, T8S-R16E

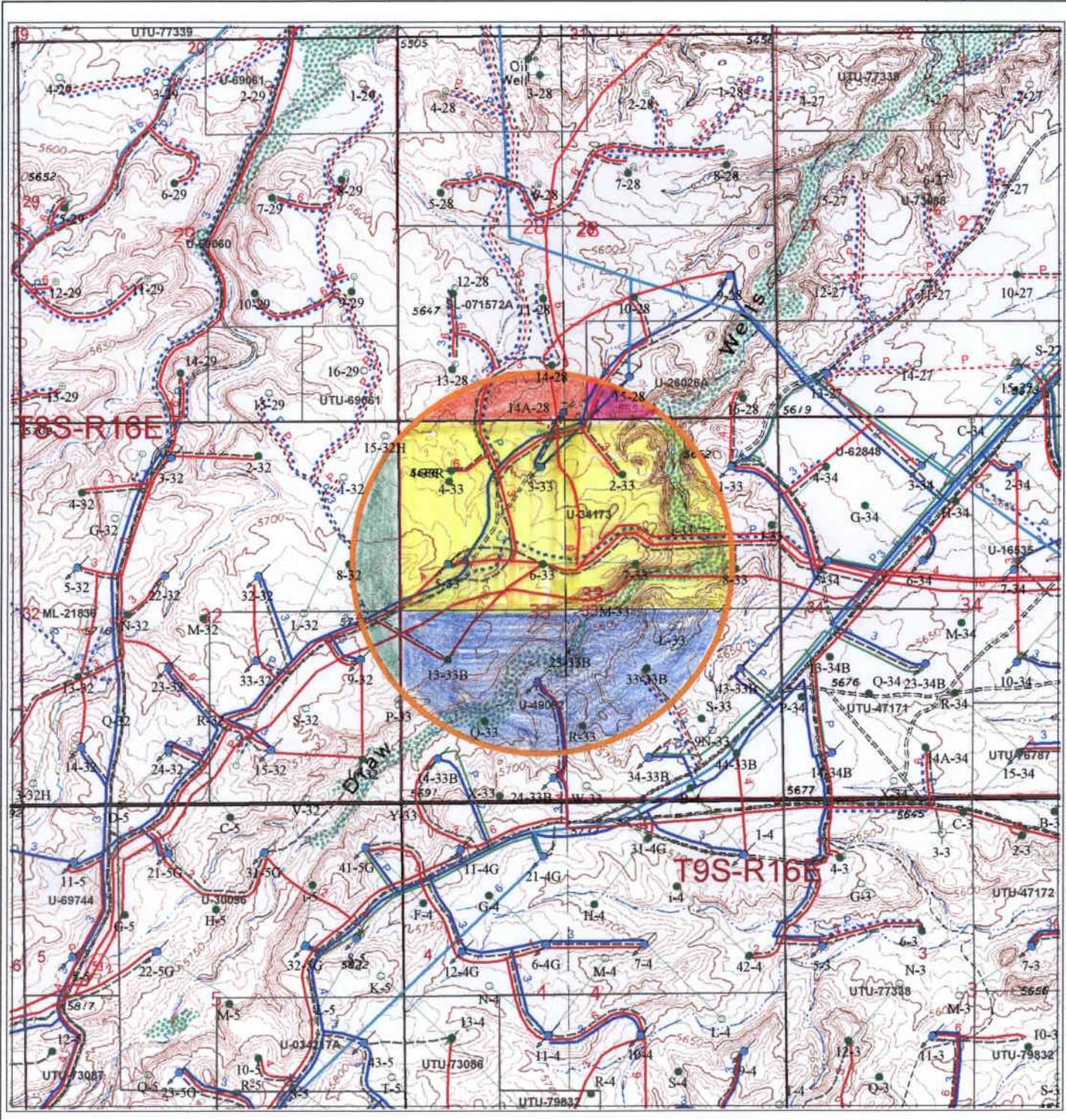
**NEWFIELD**  
ROCKY MOUNTAINS

1" = 2000'

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

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

October 5, 2010



**7-33-8-16 1/2 mile radius**

**Well Status**

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

**Injection system**

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

**Leases**

- Leases
- Mining tracts

**Gas Pipelines**

- Gathering lines
- ⋯ Proposed lines

UTU-34173

UTU-071572A

ML-21836

UTU-49092

UTU-26026A

Travis 7-33  
Section 33, T8S-R16E

**NEWFIELD**

ROCKY MOUNTAINS 1" = 2000'

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

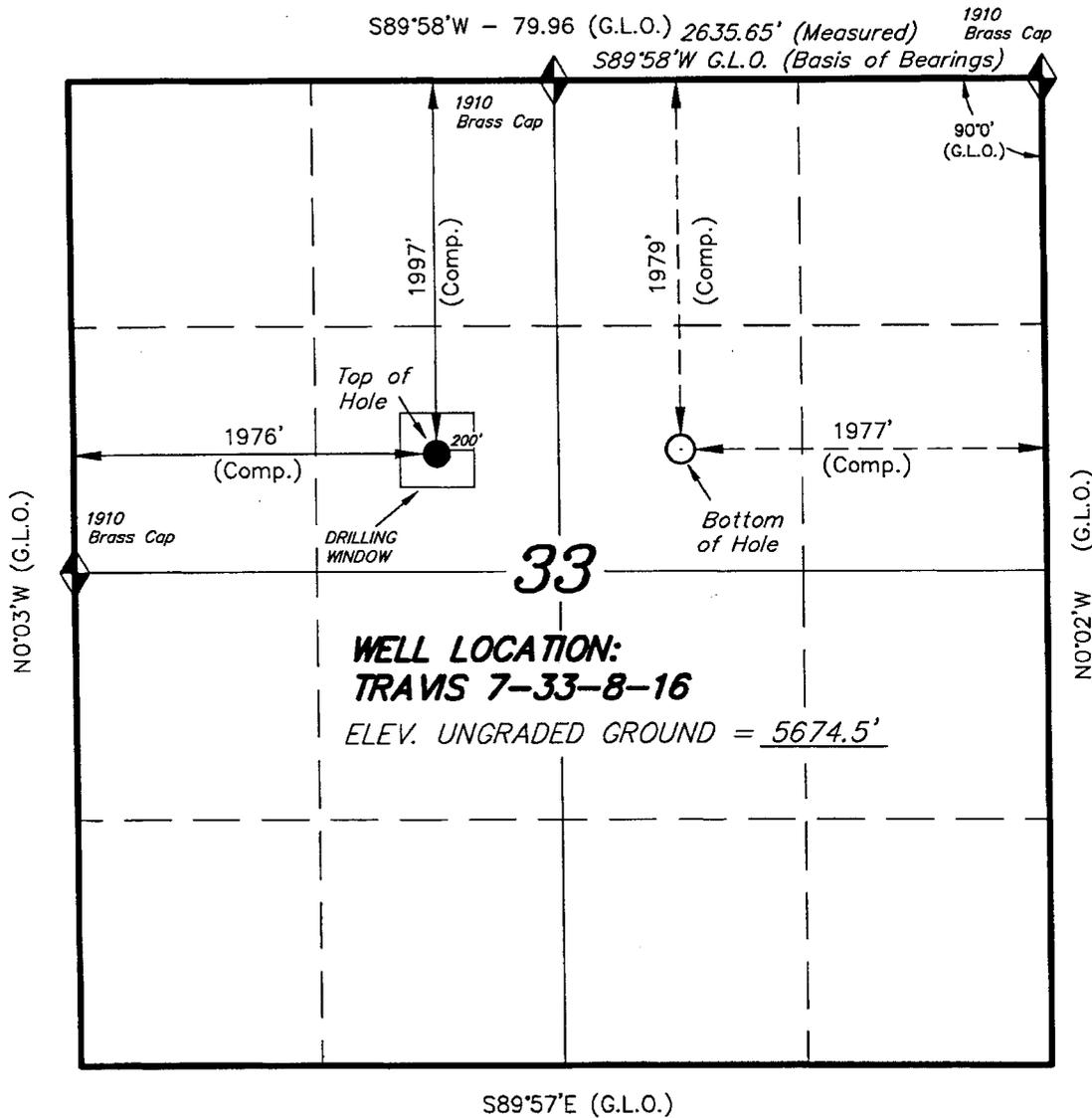
1001 17th Street Suite 2000  
Denver, Colorado 80202  
Phone: (303) 893-0102

February 8, 2011

# T8S, R16E, S.L.B.&M.

# NEWFIELD PRODUCTION COMPANY

WELL LOCATION, TRAVIS 7-33-8-16,  
 LOCATED AS SHOWN IN THE SE 1/4 NW  
 1/4 OF SECTION 33, T8S, R16E,  
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



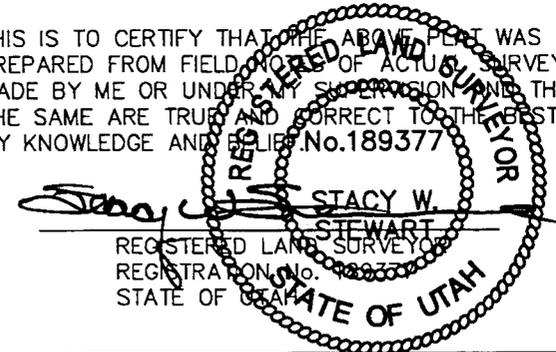
**WELL LOCATION:**  
**TRAVIS 7-33-8-16**  
 ELEV. UNGRADED GROUND = 5674.5'



**Notes:**

1. The Proposed Well head bears S18°24'50"W 2103.73' from the North 1/4 Corner of Section 33.
2. The Bottom of hole bears N89°13'45"E 1324.17' from the Top of Hole.

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



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

DATE SURVEYED: 09-25-06	SURVEYED BY: C.M.
DATE DRAWN: 09-27-06	DRAWN BY: T.C.J.
REVISED:	SCALE: 1" = 1000'

◆ = SECTION CORNERS LOCATED

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

**TRAVIS 7-33-8-16**  
 (Surface Location) NAD 83  
 LATITUDE = 40° 04' 34.36"  
 LONGITUDE = 110° 07' 36.65"

# ATTACHMENT B - Bottom Hole Location

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	<u>T8S,R16E SLM</u> Section 33: N2	USA UTU-34173 HBP	Newfield Production Company Newfield RMI LLC	USA
2	<u>T8S,R16E SLM</u> Section 33: S2	USA UTU-49092 HBP	Newfield Production Company Newfield RMI LLC	USA
3	<u>T8S,R16E SLM</u> Section 28: SW, N2SE	USA SL-071572-A HBP	Newfield Production Company Newfield RMI LLC Loex Properties 1983 Travis Oil Company War-Gal LLC	USA
4	<u>T8S,R16E SLM</u> Section 28: S2SE	USA UTU-26026-A HBP	Newfield Production Company Newfield RMI LLC Loex Properties 1983 Travis Oil Company War-Gal LLC	USA
5	<u>T8S,R16E SLM</u> Section 34: SW	USA UTU-47171 HBP	Newfield Production Company Newfield RMI LLC Chorney Oil Co. Loex Properties 1984	USA
6	<u>T8S,R16E SLM</u> Section 27: S2S2 Section 34: NW	USA UTU-62848 HBP	Raymond H. Brennan Beverly Sommer James Fischgrund Jack H. Edwards Inc. Thomas Ingle Jackson King Oil & Gas of Texas, Ltd.	USA

**EXHIBIT B** - *Surface Location*

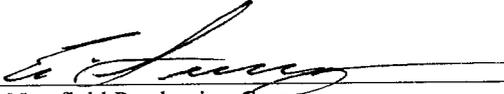
#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	<u>T8S,R16E SLM</u> Section 33: N2	USA UTU-34173 HBP	Newfield Production Company Newfield RMI LLC	USA
2	<u>T8S,R16E SLM</u> Section 28: SW, N2SE	USA SL-071572A HBP	Newfield Production Company Newfield RMI LLC Loex Properties 1983 Travis Oil Co. WAR-GAL LLC	USA
3	<u>T8S,R16E SLM</u> Section 32: ALL	State of Utah ML-21836 HBP	Newfield Production Company Newfield RMI LLC Ocean Energy, Inc. HC Buie James Fischer Four M Company Margaret Merritt Michael D. Lewis Z Greenburg, Trustee Donna L. Neifeh Merritt Oil & Gas Thomas K. Lowe Gavilan Petroleum Inc. Producers Pipeline Corporation	State of Utah
4	<u>T8S,R16E SLM</u> Section 33: S2	USA UTU-49092 HBP	Newfield Production Company Newfield RMI LLC	USA
5	<u>T8S,R16E SLM</u> Section 28: S2SE	USA UTU-26026A HBP	Newfield Production Company Newfield RMI LLC Loex Properties 1983 Travis Oil Co. WAR-GAL LLC	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Travis Federal #7-33-8-16

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

Signed:   
Newfield Production Company  
Eric Sundberg  
Regulatory Lead

Sworn to and subscribed before me this 19<sup>th</sup> day of November, 2010.

Notary Public in and for the State of Colorado: 

My Commission Expires 02/10/2013



ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Travis #7-33-8-16

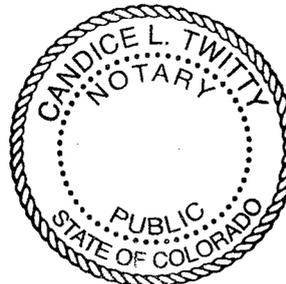
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed:   
Newfield Production Company  
Eric Sundberg  
Regulatory Lead

Sworn to and subscribed before me this 9<sup>th</sup> day of February, 2011.

Notary Public in and for the State of Colorado: 

My Commission Expires 02/10/2013



RECEIVED  
FEB 10 2011  
DIV. OF OIL, GAS & MINING

## Travis Federal 7-33-8-16

Spud Date: 8/11/08  
 Put on Production: 9/30/08  
 GL: 5675' KB: 5687'

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (314.42')  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 152 jts. (6553.48')  
 HOLE SIZE: 7-7/8"  
 TOTAL DEPTH: 6585'  
 CEMENT DATA: 350 sk Prem. Lite II mixed & 475 sxs 50/50 POZ.  
 CEMENT TOP AT: 43'

### TUBING

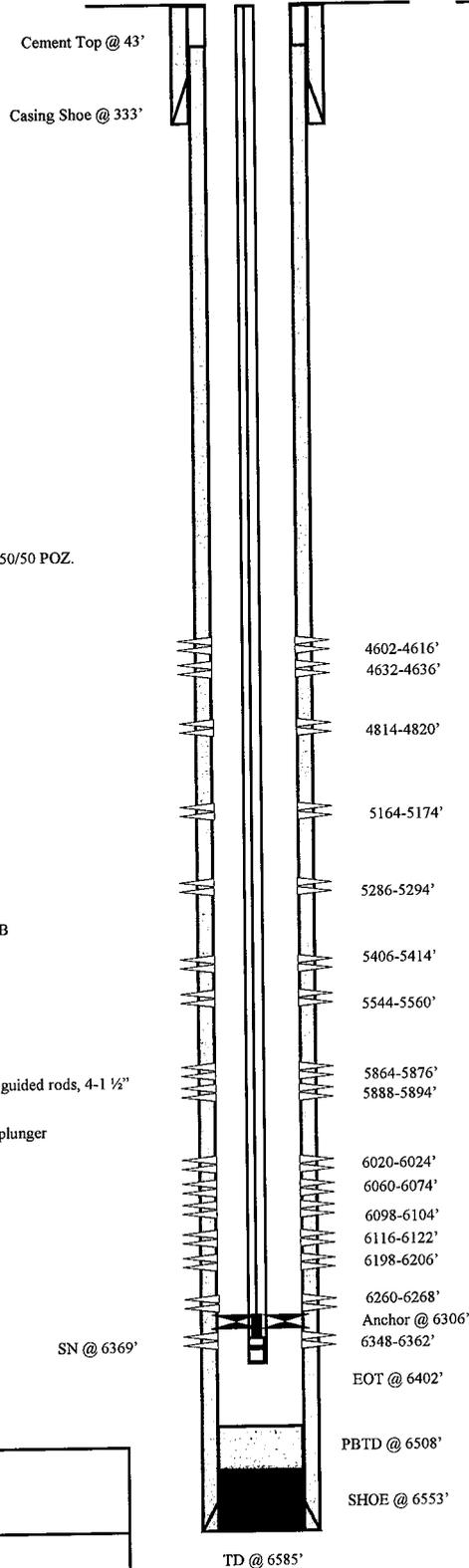
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 205 jts (6293.90')  
 TUBING ANCHOR: 6305.90'  
 NO. OF JOINTS: 2 jts (60.54')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 6369.21' KB  
 NO. OF JOINTS: 1 jts (30.94')  
 TOTAL STRING LENGTH: EOT @ 6401.70' w/12' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 26'  
 SUCKER RODS: 1-8', 6', 2' x 7/8" pony rods, 250- 7/8" guided rods, 4-1 1/2" weight rods, 1 5/8" shear cplg (21k)  
 PUMP SIZE: 2-1/2" x 1-3/4" x 20' RHAC pump w/ sm plunger  
 STROKE LENGTH: 122"  
 PUMP SPEED, SPM: 5

### FRAC JOB

9/18/08	6348-6362'	<b>Frac CP5 sands as follows:</b> Frac with 29930 #'s of 20/40 sand in 433 bbls Lightning 17 fluid. Treat at an ave pressure of 2290 psi @ 22.3 BPM. ISIP 2251 psi.
9/18/08	6198-6268'	<b>Frac CP3/CP4 sands as follows:</b> Frac with 41069 #'s of 20/40 sand in 437 bbls Lightning 17 fluid. Treat at an ave pressure 2043 psi @ 22.3 BPM. ISIP 2281 psi.
9/18/08	6020-6122'	<b>Frac CP.5/CP1/CP2 sands as follows:</b> Frac with 80655 #'s of 20/40 sand in 655 bbls Lightning 17 fluid. Treat at an ave pressure of 1716 psi @ 22.2 BPM. ISIP 2041 psi.
9/19/08	5864-5894'	<b>Frac LODC sands as follows:</b> Frac with 60618 #'s of 20/40 sand in 544 bbls Lightning 17 fluid. Treat at an ave pressure of 2884 psi @ 22.0 BPM. ISIP 3451 psi.
9/19/08	5544-5560'	<b>Frac A1 sands as follows:</b> Frac with 50355 #'s 20/40 sand in 466 bbls Lightning 17 fluid. Treat at an ave pressure of 2193 psi @ 26.0 BPM. ISIP 2376 psi.
9/19/08	5406-5414'	<b>Frac B2 sands as follows:</b> Frac with 35472 #'s 20/40 sand in 386 bbls Lightning 17 fluid. Treat at an ave pressure of 1917 psi @ 20.2 BPM. ISIP 2058 psi.
9/19/08	5286-5294'	<b>Frac C sands as follows:</b> Frac with 34983 #'s 20/40 sand in 380 bbls Lightning 17 fluid. Treat at an ave pressure of 1890 psi @ 25.6 BPM. ISIP 2632 psi.
9/19/08	5164-5174'	<b>Frac D2 sands as follows:</b> Frac with 40293 #'s 20/40 sand in 412 bbls Lightning 17 fluid. Treat at an ave pressure of 1722 psi @ 22.2 BPM. ISIP 2226 psi.
9/19/08	4814-4820'	<b>Frac PB10 sands as follows:</b> Frac with 24266 #'s 20/40 sand in 348 bbls Lightning 17 fluid. Treat at an ave pressure of 2195 psi @ 24.1 BPM. ISIP 2317 psi.
9/19/08	4602-4636'	<b>Frac GB6 sands as follows:</b> Frac with 31811 #'s 20/40 sand in 366 bbls Lightning 17 fluid. Treat at an ave pressure of 1819 psi @ 22.4 BPM. ISIP 2064 psi.



### PERFORATION RECORD

4602-4616'	4 JSPF	56 holes
4632-4636'	4 JSPF	16 holes
4814-4820'	4 JSPF	24 holes
5164-5174'	4 JSPF	40 holes
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5864-5876'	4 JSPF	48 holes
5888-5894'	4 JSPF	24 holes
6020-6024'	4 JSPF	16 holes
6060-6074'	4 JSPF	56 holes
6098-6104'	4 JSPF	24 holes
6116-6122'	4 JSPF	24 holes
6198-6206'	4 JSPF	320 holes
6260-6268'	4 JSPF	322 holes
6348-6362'	4 JSPF	56 holes



**Travis Federal 7-33-8-16**  
 1997' FNL & 1976' FWL  
 SENW Section 33-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-32798; UTU-34173

## Travis Fed 14A-28-8-16

Spud Date: 10/5/92  
 Put on Injection: 10/13/93  
 GL: 5617' KB: 5629'

Initial Production: 147 BOPD,  
 170 MCFPD, 5 BWPD

### SURFACE CASING

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (303.61')  
 DEPTH LANDED: 301.71'  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 516 sxs Class G cmt, est 15 bbbls to surf.

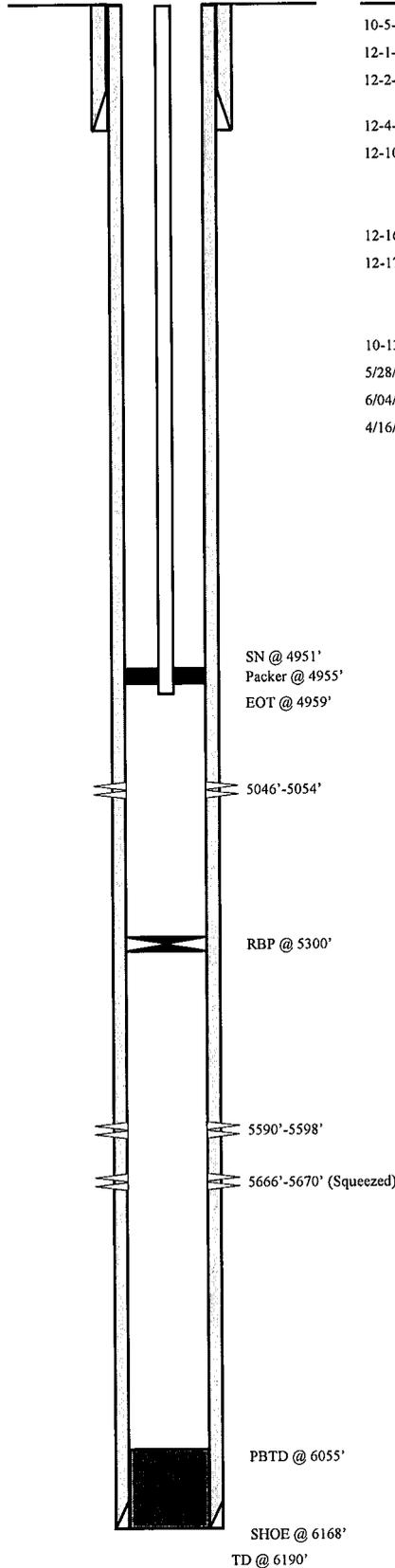
### PRODUCTION CASING

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 150 jts. (6171.57')  
 DEPTH LANDED: 6168.27' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 148 sxs Hilift mixed & 353 sxs 50/50 Poz/G mixed  
 236 sxs Hilift mixed & 133 sxs 50/50 Poz/G mixed  
 CEMENT TOP AT: Surface

### TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 160 jts (4939.02')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 4951.02' KB  
 PACKER: 4955.32'  
 TOTAL STRING LENGTH: EOT @ 4959.32'

Injection Well  
 Wellbore Diagram



### FRAC JOB

10-5-92	Spud Well
12-1-92	Perf: 5,666'-5,670'
12-2-92	Squeeze LODC zone and as follows: Squeezed with 100 sxs "G" cement
12-4-92	Perf: 5,590'-5,598'
12-10-92	Frac LODC zone as follows: Total 8,400 gal, 22,300# 16/30 sd Max TP 2,800 @ 20 BPM Avg TP 2,100 @ 20 BPM ISIP 2,050, after 5 min. 2,000
12-16-92	Perf: 5,046'-5,054'
12-17-92	Frac D-2 zone as follows: Totals 13,200 gal, 33,000# 16/30sd Max TP 5,000 @ 20 BPM Avg TP 2,200 @ 19 BPM ISIP 2,500, after 5 min. 2,350
10-13-93	Converted to Water Injector
5/28/03	Packer leak. Update tubing detail.
6/04/03	Update entire WBD.
4/16/08	5 Year MIT completed and submitted.

### PERFORATION RECORD

12/01/92	5666'-5670'	4 JSPF	16 holes
12/04/92	5590'-5598'	4 JSPF	32 holes
12/16/92	5046'-5054'	4 JSPF	32 holes

**NEWFIELD**

**Travis Federal #14A-28-8-16**  
 2273' FWL & 107' FSL  
 SE/SW Section 28-T8S-R16E  
 Duchesne Co, Utah

API # 43-013-31372; Lease # SL-071572A

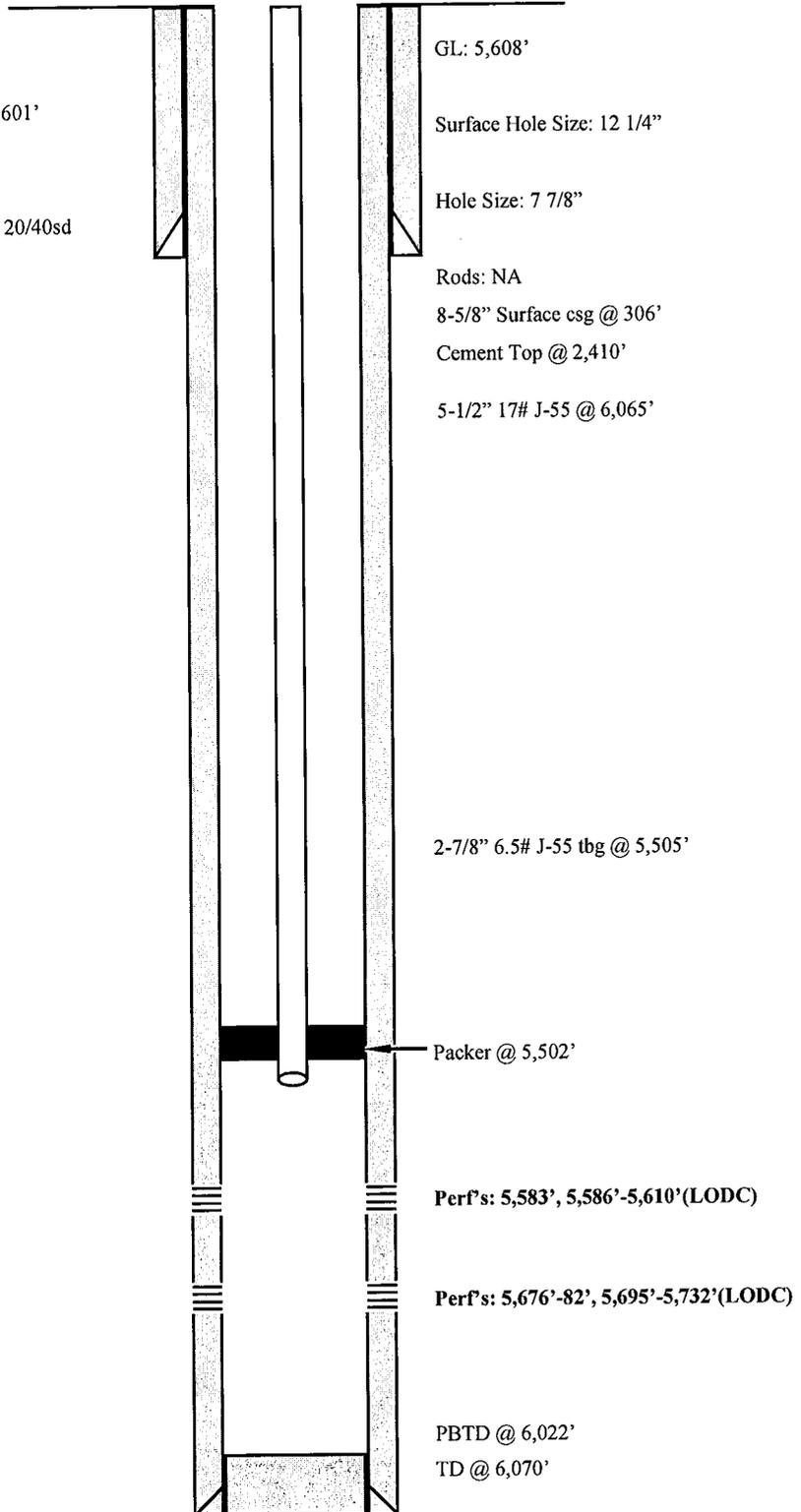
## Travis Federal #15-28

### Injection Well

Wellbore Diagram

**Well History:**

8-19-83	Spud Well
9-15-83	Perf: 5,583', 5,590', 5,593'-5,601' 5,604'-5,609', 5,676'-5,682' 5,695'-5,731'
9-20-83	Frac LODC zone as follows: Totals, 84,640 gals, 303,120# 20/40sd Max TP 3,500 @ 60 BPM Avg TP 2,800 @ 60 BPM ISIP 1900, after 5 min 1,810
12-20-91	Convert To a Water Injector
02/21/08	5 year MIT



Travis Federal #15-28  
 2058 FEL 595 FSL  
 SWSE Section 28-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-30779; Lease #U-26026A

## Travis Federal 16-28-8-16

Spud Date: 7/31/96  
 Put on Production: 10/3/96  
 GL: 5592' KB: 5605'

Initial Production: 83 BOPD,  
 212 MCFPD, 4 BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 295.23' (7 jts.)  
 DEPTH LANDED: 293.63' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, est 7 bbls to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 146 jts. (6204.94')  
 DEPTH LANDED: 6200.94'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 370 sk Hybond mixed & 380 sxs thixotropic  
 CEMENT TOP AT: Surface per CBL

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 183 jts (5694.9')  
 TUBING ANCHOR: 5707.9'  
 NO. OF JOINTS: 4 jt (124.5')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5835.2'  
 NO. OF JOINTS: 2 jts (62.3')  
 TOTAL STRING LENGTH: EOT @ 5899'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 26'  
 SUCKER RODS: 100 - 3/4" guided rods, 107 - 3/4" sucker rods, 20 - 3/4" guided rods, 6 - 1 1/2" weight bars.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 21' x 24' RHAC  
 STROKE LENGTH: 46"  
 PUMP SPEED, SPM: 7 SPM

### FRAC JOB

9/25/96 5668'-5786' **Frac LODC sand as follows:**  
 110,300# of 20/40 sand in 586 bbls of Boragel. Breakdown @ 2600 psi. Treated @ avg rate of 41.5 bpm w/avg press of 2900 psi. ISIP-3312 psi, 5-min 3227 psi. Flowback on 12/64" ck for 5 hours and died.

9/27/96 5504'-5507' **Frac A-3 sand as follows:**  
 61,300# of 20/40 sand in 403 bbls of Boragel. Breakdown @ 2957 psi. Treated @ avg rate of 18.5 bpm w/avg press of 2800 psi. ISIP-2862 psi, 5-min 2611 psi. Flowback on 12/64" ck for 3 hours and died.

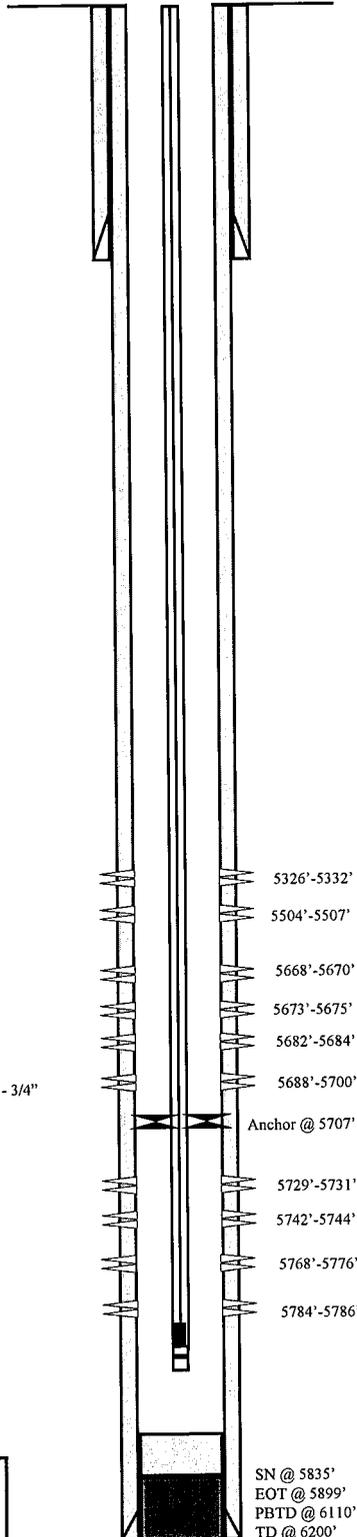
9/30/96 5326'-5332' **Frac B-2 sand as follows:**  
 62,300# of 20/40 sand in 407 bbls of Boragel. Breakdown @ 3220 psi. Treated @ avg rate of 18.8 bpm w/avg press of 2450 psi. ISIP-2866 psi, 5-min 2785 psi. Flowback on 12/64" ck for 2-1/2 hours and died.

12/18/01 **Pump change.** Update rod and tubing details.

7/21/10 5200-5205' **Frac C sand as follows:**  
 9714# of 20/40 sand in 82 bbls of Lightning 17 fluid.

7/21/10 4493-4565' **Frac GB4 & GB6 sand as follows:**  
 29575# of 20/40 sand in 243 bbls of Lightning 17 fluid.

7/24/10 **Re-Completion** - tbg, rod, perf and frac detail updated.



### PERFORATION RECORD

Date	Depth Range	Perforation Type	Number of Holes
9/24/96	5668'-5670'	4 JSPF	8 holes
9/24/96	5673'-5675'	4 JSPF	8 holes
9/24/96	5682'-5684'	4 JSPF	8 holes
9/24/96	5688'-5700'	2 JSPF	10 holes
9/24/96	5729'-5731'	4 JSPF	8 holes
9/24/96	5742'-5744'	4 JSPF	8 holes
9/24/96	5768'-5776'	2 JSPF	16 holes
9/24/96	5784'-5786'	4 JSPF	8 holes
9/26/96	5504'-5507'	4 JSPF	12 holes
9/28/96	5326'-5332'	4 JSPF	24 holes
7/21/10	5200-5205'	3 JSPF	15 holes
7/21/10	4563-4565'	3 JSPF	6 holes
7/21/10	4493-4496'	3 JSPF	9 holes

SN @ 5835'  
 EOT @ 5899'  
 PBTD @ 6110'  
 TD @ 6200'

**NEWFIELD**

Travis Federal Unit 16-28-8-16  
 363 FSL & 436 FEL  
 SESE Section 28-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31590; Lease #U-26026A

Spud Date: 7/24/96  
 Put on Production: 8/22/96  
 Put on Injection: 7/08/97  
 GL: 5635' KB: 5648'

### Travis Federal 1-33-8-16

Initial Production: 25 BOPD,  
 47 MCFPD, 3 BWPD

Injection Diagram

**SURFACE CASING**

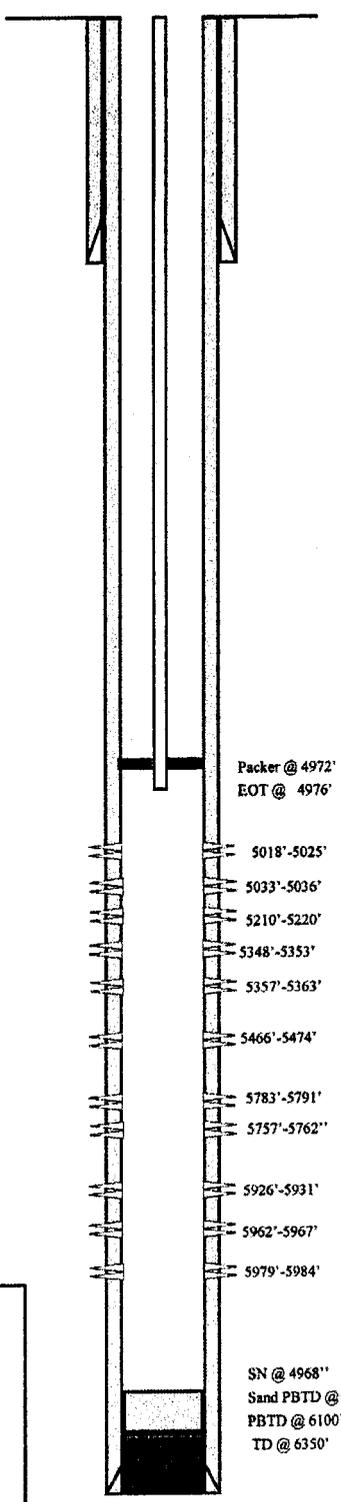
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 292.29'(7 jts.)  
 DEPTH LANDED: 290.69' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, est 4 bbls to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 144 jts. (6157.76')  
 DEPTH LANDED: 6149.77'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 335 sk Hyfill mixed & 380 sxs thixotropic  
 CEMENT TOP AT: Surface per CBL

**INJECTION TUBING**

SIZE/GRADE/WT.: 2 7/8" / M-50/ 6.5#  
 NO. OF JOINTS: 158 jts.  
 SEATING NIPPLE: 2 7/8-1.0"  
 SN LANDED AT: 4968' KB  
 PACKER: 4972' KB  
 TOTAL STRING LENGTH: 4976'



**FRAC JOB**

- 8/14/96 5348'-5363' **Frac B-2 sand as follows:**  
 56,600# of 20/40 sand in 364 bbls of Boragel. Breakdown @ 2920 psi. Treated @ avg rate of 18 bpm w/avg press of 2200 psi. ISIP- 2456, 5-min 2426 psi. Flowback on 12/64" ck for 3 hrs and died.
- 8/16/96 5210'-5220' **Frac C sand as follows:**  
 63,800# of 20/40 sand in 369 bbls of Boragel. Breakdown @ 2025 psi. Treated @ avg rate of 21 bpm w/avg press of 3000 psi. Well screened off w/984 gal left in flush. Est sand displ: 57,400# in formation, 4400# in csg. ISIP 4185 psi, 5-min 4033 psi. Flowback on 12/64" ck for 15 min and died.
- 8/19/96 5018'-5036' **Frac D-1 sand as follows:**  
 63,900# of 20/40 sand in 383 bbls of Boragel. Breakdown @ 2411 psi. Treated @ avg rate of 25.5 bpm w/avg press of 2600 psi. ISIP-3182 psi, 5-min 3088 psi. Flowback on 12/64" ck for 2-1/2 hrs and died.
- 7/02/97 **Convert to injector.**
- 5/29/02 **5 year MIT.**
- 7-7-05 5926'-5984' **CP3 & CP.5 sands as follows:**  
 24,050# of 20/40 sand in 297 bbls of Lightning fluid. Broke @ 2439 psi. Treated w/average rate of 14.2 BPM. ISIP 2100 psi. Begin immediate flow back on 12/64 choke @ 1 BPM. Flowed for 2 hrs and died.
- 7-7-05 5757'-5791' **LODC sand as follows:**  
 19,072# of 20/40 sand in 191 bbls of lightning 17 fluid. Broke @ 3545 psi. Treated w/average pressure of 3420 psi @ ave rate of 14.2 BPM. ISIP 2200 psi. Flowed for 1 hr & 15 minutes.
- 7-7-05 5466'-5474' **A1 sands as follows:**  
 15,566# of 20/40 sand in 168 bbls of Lightning 17 fluid. Broke @ 4209 psi. Treated w/ ave pressure of 3490 psi @ ave rate of 14.3 BPM. ISIP 3700 psi.
- 7-15-05 **Re-Completion Finalized - MIT completed**
- 6-21-10 **5yr MIT**

**PERFORATION RECORD**

Date	Depth Range	Tool	Holes
8/13/96	5348'-5353'	4 JSPF	24 holes
8/13/96	5357'-5363'	4 JSPF	28 holes
8/15/96	5210'-5220'	4 JSPF	40 holes
8/17/96	5018'-5025'	4 JSPF	28 holes
8/17/96	5033'-5036'	4 JSPF	12 holes
7-6-05	5962'-5967'	4 JSPF	20 holes
7-6-05	5979'-5984'	4 JSPF	20 holes
7-6-05	5926'-5931'	4 JSPF	20 holes
7-6-05	5757'-5762'	4 JSPF	20 holes
7-6-05	5783'-5791'	4 JSPF	32 holes
7-6-05	5466'-5474'	4 JSPF	32 holes

**NEWFIELD**

  
**Travis Federal 1-33-8-16**  
 660' FEL & 660' FNL  
 NENE Section 33-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31603; Lease U-34173

SN @ 4968"  
 Sand PBTB @ 6100"  
 PBTB @ 6100'  
 TD @ 6350'

## Travis #2-33-8-16

Spud Date: 5/31/83  
 Put on Production: 7/17/83  
 GL: 5627' KB: 5641'

Initial Production: 11 BOPD, NM MCFD, 2 BWPD  
 1994 Recompletion IP: 37 BOPD, 17 MCFD, 1 BWPD

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 DEPTH LANDED: 291'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 210 sxs Class "G" cmt, est 4 bbls cmt to surf.

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 152 jts. (6141')  
 DEPTH LANDED: 6148' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 225 sxs Hifill & 300 sxs Thixotropic.  
 CEMENT TOP AT: 1530' per CBL

#### TUBING

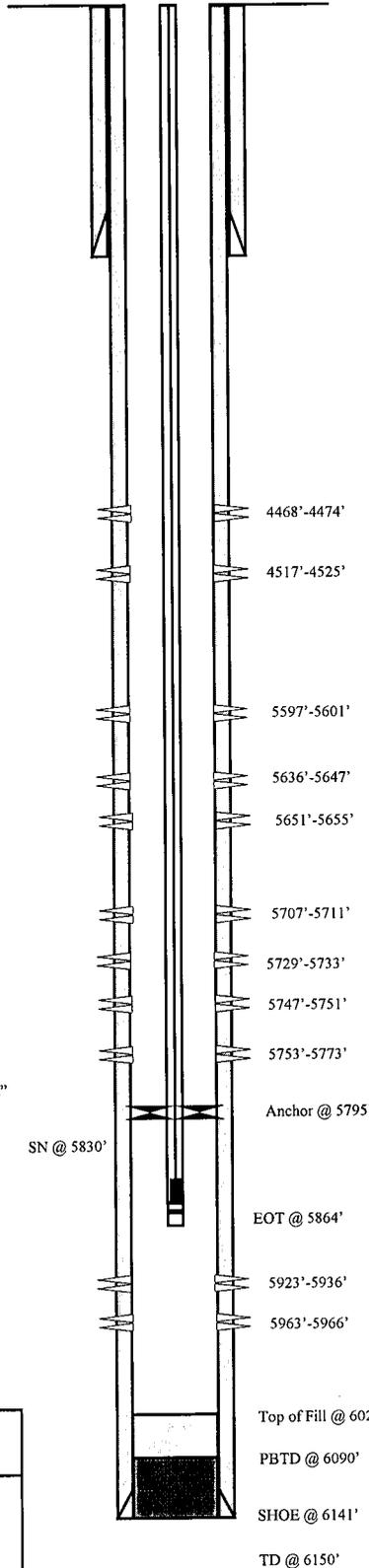
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 178 jts (5779.68')  
 TUBING ANCHOR: 5795' KB  
 NO. OF JOINTS: 1 jt. (')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5830' KB  
 NO. OF JOINTS: 1 jt. (')  
 TOTAL STRING LENGTH: EOT @ 5863.97' KB

#### SUCKER RODS

POLISHED ROD: 1-1 1/2"  
 SUCKER RODS: 2', 8', 8', x 3/4" pony rods, 225- 3/4" guided rods, 6- 1 1/2" weighted rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 14' RHAC  
 STROKE LENGTH: 58"  
 PUMP SPEED, SPM: 3 SPM

#### FRAC JOB

6/24/83	5923'-5966'	<b>Frac zone as follows:</b> 97,520# sand in 659 bbls 5% KCl. Treated @ avg press of 2200 psi w/avg rate of 31 BPM. ISIP 1890 psi. Calc. flush: 5923 gal. Actual flush: 6100 gal.
7/01/83	5707'-5773'	<b>Frac zone as follows:</b> 172,000# sand in 1214 bbls 3% KCl. Treated @ avg press of 3200 psi w/avg rate of 45 BPM. Calc. flush: 5707 gal. Actual flush: 18300 gal. Screened out w/ 2500' sand in casing.
3/13/94	4468'-4525'	<b>Frac zone as follows:</b> 45,500# sand in 447 bbls 5% KCl. Treated @ avg press of 4200 psi w/avg rate of 21 BPM. ISIP 2120 psi. Calc. flush: 4468 gal. Actual flush: 1134 gal.
4/09/02		Tubing leak. Update rod and tubing details.
8/5/03		Tubing leak. Update rod and tubing details.
1/26/04		Tubing Leak. Update rod details.
6-16-05		Tubing Leak: Update rod and tubing detail.
6/23/09		Tubing Leak. Updated rod & tubing detail.



#### PERFORATION RECORD

Date	Depth Range	Tool	Holes
6/23/83	5963'-5966'	1 SPF	04 holes
6/23/83	5923'-5936'	1 SPF	09 holes
6/29/83	5753'-5773'	1 SPF	10 holes
6/29/83	5747'-5751'	1 SPF	02 holes
6/29/83	5729'-5733'	1 SPF	02 holes
6/29/83	5707'-5711'	1 SPF	02 holes
3/03/84	5597'-5601'	1 SPF	02 holes
3/03/84	5636'-5647'	1 SPF	07 holes
3/03/84	5651'-5655'	1 SPF	02 holes
3/06/94	4468'-4474'	1 SPF	06 holes
3/06/94	4517'-4525'	1 SPF	08 holes
3/10/94	4468'-4474'	1 SPF	06 holes Reperf
3/10/94	4517'-4525'	1 SPF	08 holes Reperf

**NEWFIELD**

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**Travis #2-33-8-16**  
 751' FNL & 2169' FEL  
 NWNE Section 33-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-30749; Lease #U-34173

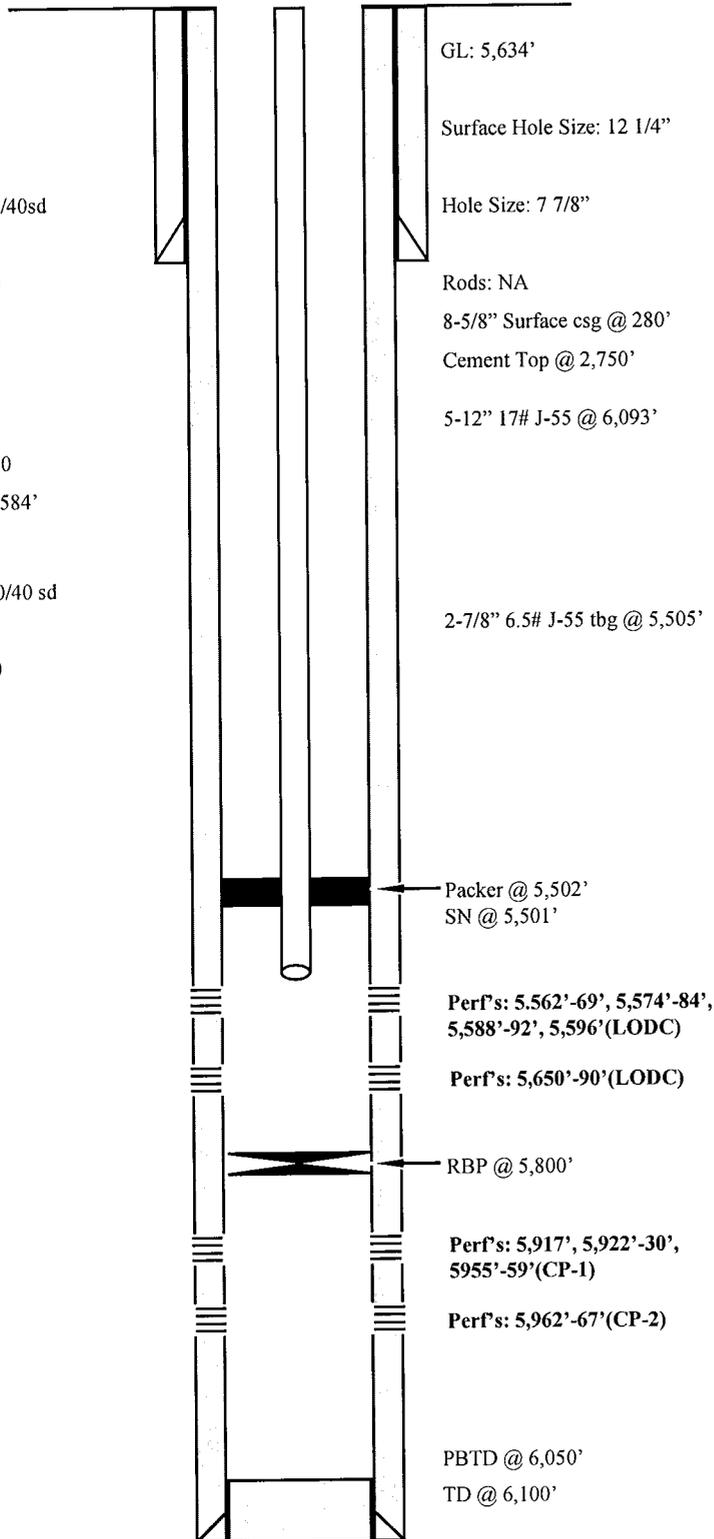
## Travis Federal #3-33

### Injection Well

#### Wellbore Diagram

#### Well History:

11-9-82	Spud Well
12-1-82	Perf: 5,917', 5,922'-5,930', 5,955'-5,959', 5,962'-5,967'
12-2-82	Frac CP-2 zone as follows: Totals 29,200 gal, 68,700# 20/40sd Max TP 3,000 @ 30 BPM Avg TP 2,400 @ 30 BPM ISIP 1,900, after 5 min. 1,800
12-8-82	Perf: 5,650'-5,690'
12-9-82	Frac LODC as follows: Totals 39,000 gal, Max TP 4,200 Avg TP 2,850 ISIP 1,600, after 15 min. 1,450
12-10-82	Perf: 5,562'-5,569', 5,574'-5,584', 5,588'-5,592', 5,596'
12-10-92	Frac LODC zone as follows: Total 92,930 gal, 289,440# 20/40 sd Max TP 3,900 Avg TP 3,300 ISIP 2,510, after 5 min. 2,270
10-8-93	Converted To Water Injector
02/26/08	5 year MIT



**NEWFIELD**



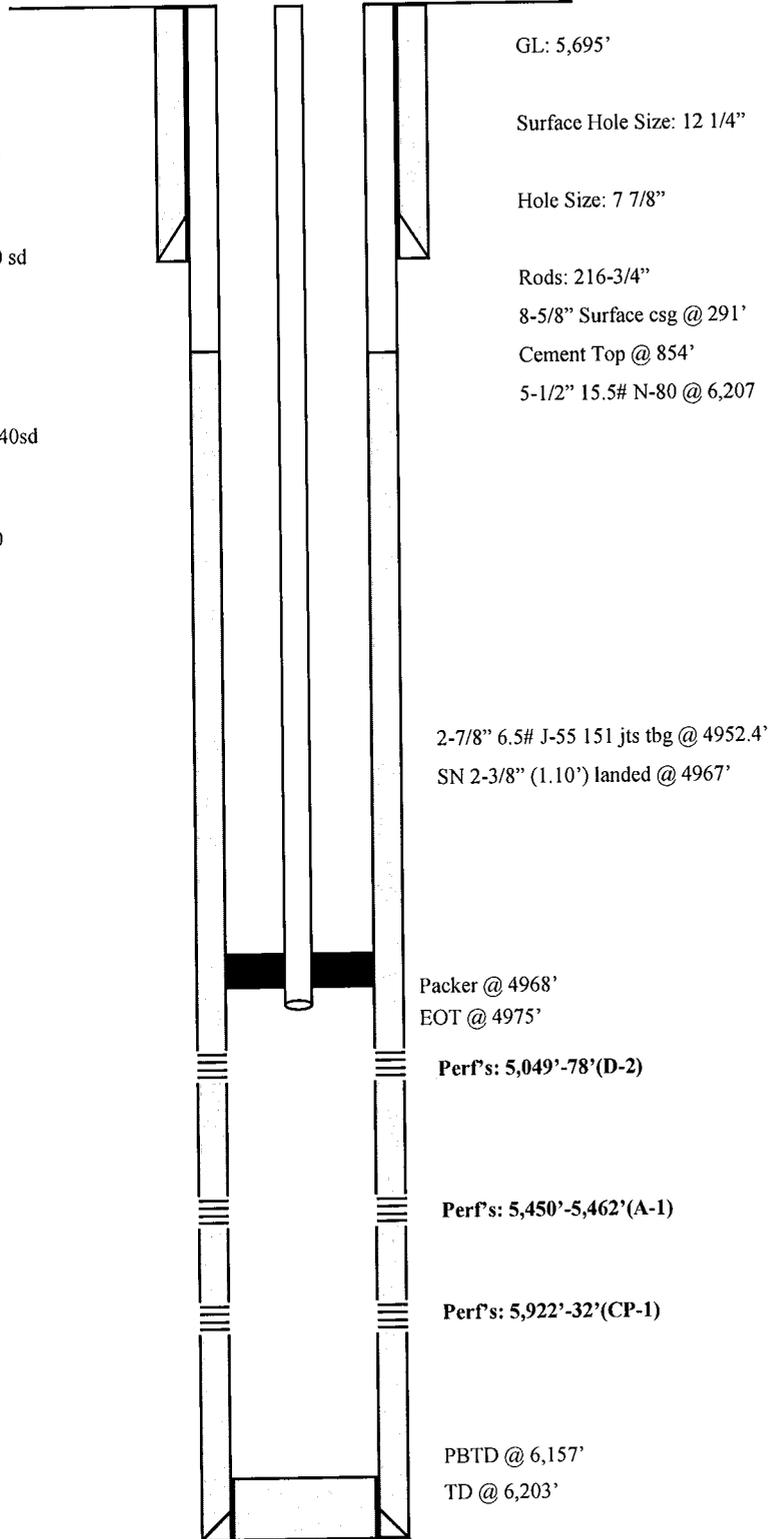
Travis Federal #3-33  
1967 FWL 642 FNL  
NENW Section 33-T8S-R16E  
Duchesne Co, Utah  
API #43-013-30693; Lease #U-34173

## Travis Federal 5-33-8-16

### Well History:

10-25-94	Spud Well
11-28-94	Perf: 5,922'-5,932' Frac CP-1 zone as follows: Breakdown w/ 92 bbls 2% KCl w/ 60 1.3 ball sealers
11-29-94	Perf: 5,450'-5,462'
11-30-94	Frac A-1 zone as follows: Totals 418 BF, 35,000# 20/40 sd Max TP 2,450 @ 37 BPM Avg TP 2,050 @ 29 BPM ISIP 2,050, after 5 min 1,860
12-1-94	Perf: 5,049'-5,078'
12-2-94	Frac D-2 zone as follows: Totals, 892 bbls, 49,000# 20/40sd 41,000# 16/30sd Max TP 2,300 Avg TP 1,850 ISIP 1,740, after 5 min. 1,270
1-25-00	Convert to injection well
2-7-00	Put on Injection
12-29-04	5 yr MIT
12-16-09	5 yr MIT

Injection Wellbore  
Diagram



**NEWFIELD**

Travis Federal 5-33-8-16  
1980 FNL 660 FWL  
SWNW Section 33-T8S-R16E  
Duchesne Co, Utah  
API #43-013-31435; Lease #U-34173

Attachment E-8

# Federal #6-33

Spud Date: 8/3/83  
 Put on Production: 9/7/83  
 GL: 5678' KB: 5688'

## Wellbore Diagram

INITIAL PRODUCTION: 22 bopd, 3 bwpd

### SURFACE CASING

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (281')  
 DEPTH LANDED: 280'  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 210 sxs Class "G" cmt

### PRODUCTION CASING

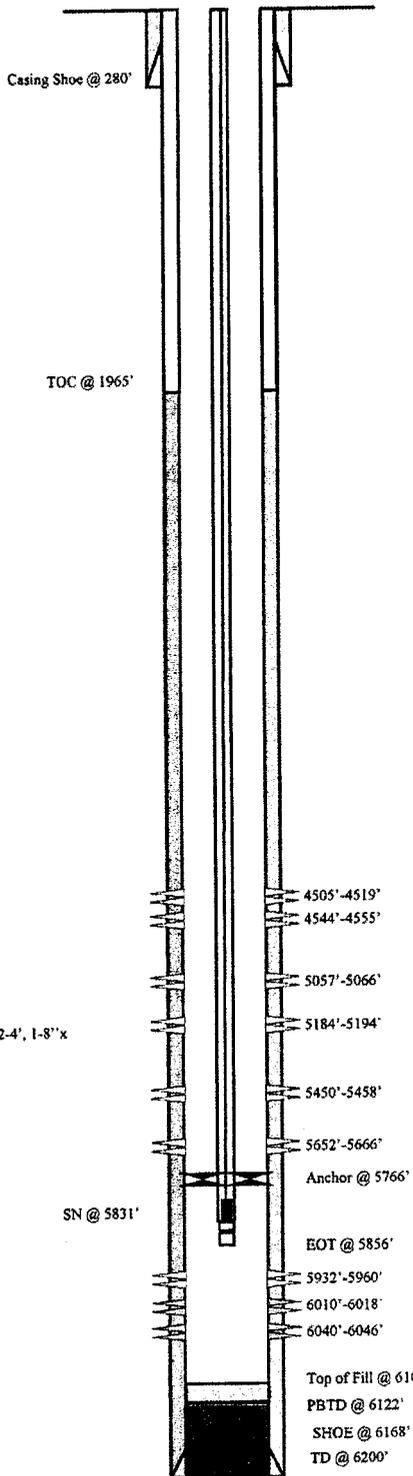
CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 17.0#  
 LENGTH: 154 jts  
 DEPTH LANDED: 6168'  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 453 sk RFC & 155 sxs lodense.  
 CEMENT TOP AT: 1965'

### TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 180 jts (5682.1')  
 TUBING ANCHOR: 5766.41'  
 NO. OF JOINTS: 2 jts (63.7')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5462.9' KB  
 NO. OF JOINTS: 3 jt (91.4')  
 TOTAL STRING LENGTH: EOT @ 5856'

### SUCKER RODS

POLISHED ROD: 1 1/2" x 22' SM  
 SUCKER RODS: 6- 1 1/2" weight bars, 225- 3/4" guided rods, 2-4', 1-8" x 3/4" pony rods.  
 PUMP SIZE: 2 1/2" x 1 1/2" x 12' x 16' RTBC Magyver pump  
 STROKE LENGTH: 74"  
 PUMP SPEED, SPM: 5 SPM  
 LOGS: DIGL/SP/GR/CAL



### FRAC JOB

8/25/83 5932'-60' **Frac as follows:**  
 116,000# 20/40 sand in 631 bbls fluid.  
 Perfs broke down @ 2600 psi.

5057'-66' **Frac as follows:**  
 62,640# 20/40 sand in 460 bbls fluid.

6/20/01 6010'-46' **Break CP-3 sands - no frac**

6/20/01 5652'-66' **Frac LODC sands as follows:**  
 19,595# 20/40 sand in 233 bbls Viking I-25 fluid. Treated @ avg press of 5640 psi w/avg rate of 14.7 BPM. Screened out.

6/21/01 5450'-58' **Frac A-1 sands as follows:**  
 40,600# 20/40 sand in 256 bbls Viking I-25 fluid. Treated @ avg press of 3900 psi w/avg rate of 14.6 BPM. Screened out.

6/22/01 5184'-94' **Frac C sands as follows:**  
 37,413# 20/40 sand in 236 bbls Viking I-25 fluid. Treated @ avg press of 3500 psi w/avg rate of 15.2 BPM, ISIP 3040 psi.

6/25/01 4505'-55' **Frac GB sands as follows:**  
 112,834# 20/40 sand in 236 bbls Viking I-25 fluid. Treated @ avg press of 2140 psi w/avg rate of 30.9 BPM, ISIP 2330 psi.

9/29/01 Pump change: Update rod and tubing details.

10/16/01 Tubing leak: Update rod and tubing details.

10/29/01 Pump change: Update rod, tubing and fill details

11/21/01 Parted rods: Update rod and fill details.

8/24/02 Pump change: Update rod and fill details

12/03/03 Pump change: Update rod detail

3/19/04 Pump change and bail sand: Update rod and tubing detail.

08/24/2004 Pump change: Updated rod detail

6/30/2010 Parted Rods: Update rod and tubing details.

### PERFORATION RECORD

Date	Depth	Perforation Type	Holes
8/25/83	5932'-5960'	1 JSPF	28 holes
...	5057'-5066'	4 JSPF	44 holes
6/19/01	6040'-6066'	4 JSPF	24 holes
6/19/01	6010'-6018'	4 JSPF	32 holes
6/19/01	5652'-5666'	4 JSPF	56 holes
6/19/01	5450'-5458'	4 JSPF	32 holes
6/19/01	5184'-5194'	4 JSPF	40 holes
6/19/01	4544'-4555'	4 JSPF	44 holes
6/19/01	4505'-4519'	4 JSPF	56 holes



**Federal #6-33**  
 1982' FNL & 1978' FWL  
 SE/NW Section 33-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-30747; Lease #UTU-34173

## Travis Fed. #8-33-8-16

Spud Date: 1/9/1996  
Put on Production: 2/4/1996

GL: 5594' KB: 5607'

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
DEPTH LANDED: 302'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 170 sxs Type V + 100 sxs Neat

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
DEPTH LANDED: 6179'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 260 sxs Hifill & 320 sxs Thixotropic.  
CEMENT TOP AT: 540'

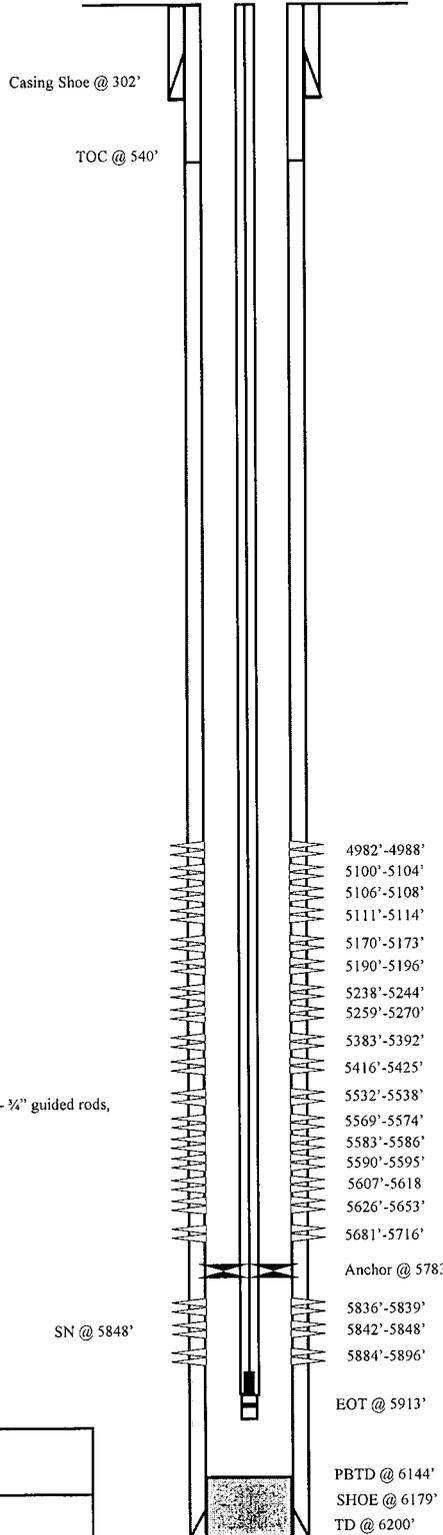
### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 184 jts (5783.7')  
TUBING ANCHOR: 5783.7'  
NO. OF JOINTS: 2 jts (61.8')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: (5848.3')  
NO. OF JOINTS: 2 jts (63')  
TOTAL STRING LENGTH: EOT @ 5913'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 1-2" x 3/4" pony rod, 1-4" x 3/4" pony rod, 94- 3/4" guided rods, 62- 1/2" sucker rods, 71- 3/4" guided rods, 6- 1 1/2" sinker bars  
PUMP SIZE: 2 1/2" x 1 1/2" x 12' x 16' RHAC  
STROKE LENGTH: 64"  
PUMP SPEED, SPM: 4 SPM

### Wellbore Diagram



Initial Production: 137 BOPD,  
165 MCFD, 7 BWPD

### FRAC JOB

1/26/96	5884'-5896'	<b>Frac CP sand as follows:</b> 69,900# 20/40 sand in 558 bbls fluid. Treated @ avg press of 1600 psi w/avg rate of 26 BPM. ISIP 2009 psi. Calc flush: 5884 gal, Actual flush: 5806 gal.
1/29/96	5569'-5653'	<b>Frac LODC sand as follows:</b> 144,900# 20/40 sand in 970 bbls fluid. Treated @ avg press of 2800 psi w/avg rate of 37 BPM. ISIP 2921 psi. Calc flush: 5569 gal, Actual flush: 5493 gal.
1/31/96	5383'-5425'	<b>Frac A sand as follows:</b> 77,200# 20/40 sand in 585 bbls fluid. Treated @ avg press of 2290 psi w/avg rate of 32 BPM. ISIP 2412 psi. Calc flush: 5383 gal, Actual flush: 5284 gal.
2/01/96	5238'-5270'	<b>Frac B sand as follows:</b> 64,200# 20/40 sand in 494 bbls fluid. Treated @ avg press of 2130 psi w/avg rate of 20.7 BPM. ISIP 2130 psi. Calc flush: 5238 gal, Actual flush: 5174 gal.
6/07/02	5836'-5848'	<b>Frac CP 0.5 sand as follows:</b> 18,500# 20/40 sand in 163 bbls fluid. Treated @ avg press of 3625 psi w/avg rate of 15.9 BPM. ISIP 2180 psi. Calc flush: 1473 gal, Actual flush: 1386 gal.
6/07/02	5681'-5716'	<b>Frac LODC sand as follows:</b> 60,000# 20/40 sand in 390 bbls fluid. Treated @ avg press of 3700 psi w/avg rate of 11.2 BPM. ISIP 3670 psi. Calc flush: 1384 gal, Actual flush: 1302 gal.
6/07/02	5532'-5653'	<b>Frac LODC sand as follows:</b> 134,420# 20/40 sand in 820 bbls fluid. Treated @ avg press of 5250 psi w/avg rate of 19.7 BPM. ISIP 3650 psi. Calc flush: 1394 gal, Actual flush: 1302 gal.
6/08/02	5100'-5196'	<b>Frac C sands as follows:</b> 54,200# 20/40 sand in 221 bbls fluid. Treated @ avg press of 2250 psi w/avg rate of 26.5 BPM. ISIP 2600 psi. Calc flush: 5100 gal, Actual flush: 4998 gal.
6/08/02	4982'-4988'	<b>Frac D sand as follows:</b> 34,220# 20/40 sand in 221 bbls fluid. Treated @ avg press of 2050 psi w/avg rate of 24.1 BPM. ISIP 2250 psi. Calc flush: 4982 gal, Actual flush: 4918 gal.
10-19-07		Tubing Leak. Updated rod & tubing details.
11/14/03		<b>Parted rods update:</b>
1/29/2010		Pump Changed. Updated rod and tubing detail.

### PERFORATION RECORD

Date	Depth	Number of Holes
1/26/96	5884'-5896'	4 JSPF 48 holes
1/27/96	5626'-5653'	4 JSPF 108 holes
1/27/96	5607'-5618	4 JSPF 44 holes
1/27/96	5590'-5595'	4 JSPF 20 holes
1/27/96	5583'-5586'	4 JSPF 12 holes
1/27/96	5569'-5574'	4 JSPF 20 holes
1/31/96	5416'-5425'	4 JSPF 36 holes
1/31/96	5383'-5392'	4 JSPF 36 holes
2/01/96	5259'-5270'	4 JSPF 44 holes
2/01/96	5238'-5244'	4 JSPF 24 holes
6/06/02	5842'-5848'	4 JSPF 24 holes
6/06/02	5836'-5839'	4 JSPF 12 holes
6/06/02	5681'-5716'	2 JSPF 70 holes
6/06/02	5532'-5538'	4 JSPF 24 holes
6/08/02	5190'-5196'	4 JSPF 24 holes
6/08/02	5170'-5173'	4 JSPF 12 holes
6/08/02	5111'-5114'	4 JSPF 12 holes
6/08/02	5106'-5108'	4 JSPF 08 holes
6/08/02	5100'-5104'	4 JSPF 16 holes
6/08/02	4982'-4988'	4 JSPF 24 holes



**Travis Federal #8-33-8-16**

2073' FNL & 623' FEL  
SENE Section 33-T8S-R16E  
Duchesne Co, Utah  
API #43-013-31503; Lease #U-34173

Federal #23-33B-8-16

Spud Date: 12/18/89  
 Put on Production: 2/23/90  
 Put on Injection: 4/19/01  
 GL: 5640' KB: 5653'

Initial Production: 60 BOPD, 0 MCFD  
 100 BWPD

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 JTS (283')  
 DEPTH LANDED: 300'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 165 sks Class "G" cement, est ? bbls to surface

PRODUCTION CASING

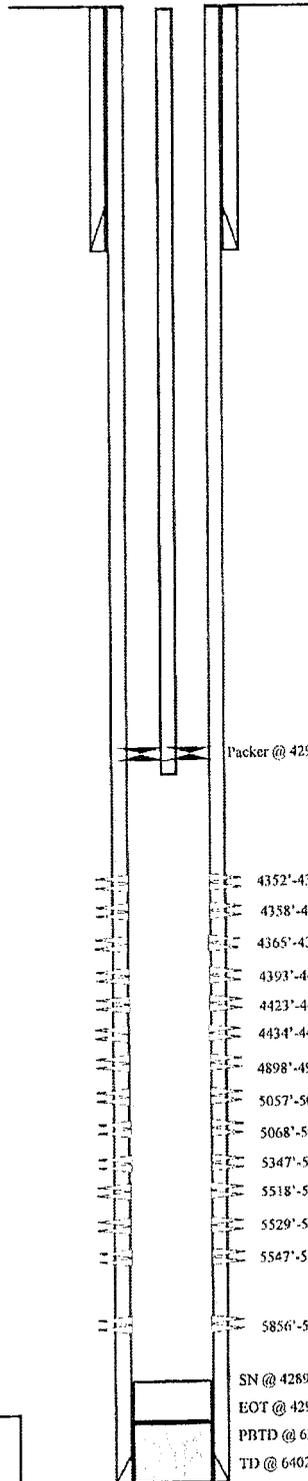
CSG SIZE: 5-1/2"  
 GRADE: K-55  
 WEIGHT: 17#  
 LENGTH: 151 jts (6402')  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sks Hi-LiR & 575 sks 10-0 RFC  
 CEMENT TOP AT:  
 SET AT: 6402'

TUBING

SIZE/GRADE/AWT: 2-7/8", J-55, 6.5#  
 NO. OF JOINTS: 136 jts. (4278.30')  
 SEATING NIPPLE: 2-7/8"  
 SN LANDED AT: 4289.30'  
 TOTAL STRING LENGTH: EOT @ 4297.80'

FRAC JOB

1-27-90	5856'-5878'	36,000# 20/40 sand, 42,500# 16/30 sand, and 78,500# (tl sd. Avg TP 2100 psi. ISIP-2000 psi, 15 min 1817 psi.
1-30-90	5518'-5556'	36,000# 20/40 sand, 38,000# 16/30 sand and 74,000# (tl sd. Avg TP 3000 psi. ISIP-2985 psi, 15 min 2715 psi.
2-1-90	5347'-5377'	78,000# 20/40 sand, 78,000# 16/30 sand, and 156,000 (tl sd. Avg TP 1900 psi. ISIP-1750 psi, 15 min 1450 psi.
2-3-90	5057'-5071'	21,000# 20/40 SAND, 24,000# 16/30 sand, and 45,000# sd (tl. Screened out 74 bbls into flush. ATP 2200 psi.
2-6-90	4898'-4918	1307 bbls w/ 51,000# 20/40 sand and 51,000# 16/30 sand. BDP 2060 @ 2 BPM. Inc rate to 20 BPM. Press broke @ 3500 psi. Inc rate to 40 BPM @ 2140 psi.
4/12/00	4352'-4436'	469 bbls w/ 87,680# 20/40 sand. ATP 1900 @ 26 BPM. ISIP 2525 psi. Calc. flush: 4352 gal, Actual flush: 4158 gal.
4/18/06		5 Year MIT Completed and Submitted.
7/27/06		Workover - Marcell squeeze treatment
8/9/06		MIT completed and submitted.



PERFORATION RECORD

1-24-90	5856'-5878'	4 JSPF	88 holes
1-30-90	5518'-5527'	4 JSPF	36 holes
1-30-90	5529'-5534'	4 JSPF	20 holes
1-30-90	5547'-5556'	4 JSPF	36 holes
1-31-90	5347'-5377'	4 JSPF	120 holes
2-2-90	5057'-5066'	4 JSPF	36 holes
2-2-90	5068'-5071'	4 JSPF	12 holes
2-4-90	4898'-4918'	4 JSPF	80 holes
4/11/00	4352'-4355'	2 JSPF	06 holes
4/11/00	4358'-4363'	2 JSPF	10 holes
4/11/00	4365'-4368'	2 JSPF	06 holes
4/11/00	4393'-4400'	2 JSPF	14 holes
4/11/00	4423'-4432'	2 JSPF	18 holes
4/11/00	4434'-4436'	2 JSPF	04 holes

4352'-4355' GB  
 4358'-4363' GB  
 4365'-4368' GB  
 4393'-4400' GB  
 4423'-4432' GB  
 4434'-4436' GB  
 4898'-4918' DJ  
 5057'-5066' C  
 5068'-5071' C  
 5347'-5377' A1  
 5518'-5527' LODC  
 5529'-5534' LODC  
 5547'-5556' LODC  
 5856'-5878' CP2  
 SN @ 4269'  
 EOT @ 4297'  
 PBTB @ 6308'  
 TD @ 6402'

**NEWFIELD**

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Federal #23-33B-8-16  
 1653 FSL & 1888 FWL  
 NESW Section 33-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31251; Lease #U-49092

## Federal #33-33B

Spud Date: 4/30/90  
 Put on Production: 8/11/90  
 GL: 5667' KB: 5682'

Initial Production: 57 BOPD,  
 0 MCFPD, 112 BWPD

Wellbore Diagram

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: jts. (7')  
 DEPTH LANDED: 301' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 1- 225, sxs Class "G" + 114 sxs flocele

### PRODUCTION CASING

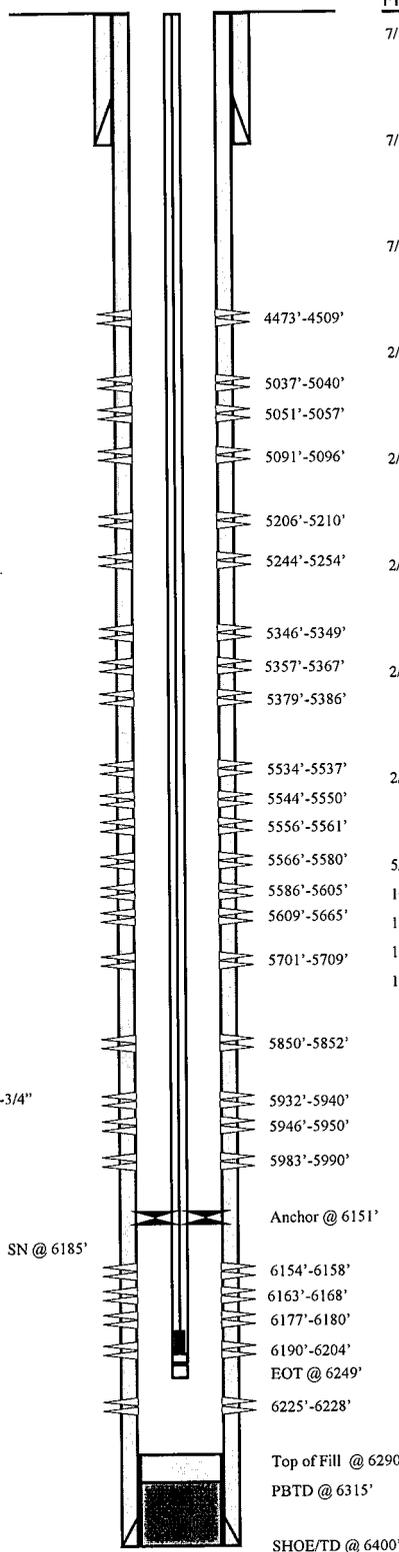
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 17#  
 LENGTH: jts. (163')  
 DEPTH LANDED: 6400' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 155 sxs Prem. Lite II mixed & 520 sxs 50/50 POZ.

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 197 jts (6151.1')  
 TUBING ANCHOR: 6151.1' KB  
 NO. OF JOINTS: 1 jts (31.1')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 6185' KB  
 NO. OF JOINTS: 2 jts (62.4')  
 TOTAL STRING LENGTH: EOT @ 6249' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM polished rods  
 SUCKER RODS: 1-6", 1-4" X 3/4" Pony rods 89-3/4" guided rods, 152-3/4" slick rods, 4-1 1/2" weight rods.  
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 17" x 0" RHAC  
 STROKE LENGTH: 102"  
 PUMP SPEED, SPM: 4



### FRAC JOB

7/11/90	5586'-5665'	<b>Frac zone as follows:</b> 83,990# 20/40 sand + 110,250# 16/30 sand in 1821 bbls fluid. Treated @ avg press of 2100 psi w/avg rate of 62.5 BPM. ISIP 2200 psi. Calc. flush: 5586 gal. Actual flush: 5418 gal.
7/13/90	5379'-5386'	<b>Frac zone as follows:</b> 18,600# 20/40 sand + 11,000# 16/30 sand in 443 bbls fluid. Treated @ avg press of 1600 psi w/avg rate of 63 BPM. ISIP 2100 psi. Calc. flush: 5379 gal. Actual flush: 2865 gal.
7/17/90	4473'-4509'	<b>Frac zone as follows:</b> 56,100# 20/40 sand + 73,750# 16/30 sand in 1253 bbls fluid. Treated @ avg press of 2300 psi w/avg rate of 40 BPM. ISIP 2300 psi. Calc. flush: 4473 gal. Actual flush: 4368 gal.
2/6/03	5850'-6228'	<b>Frac CP and BS sands as follows:</b> 119,440# 20/40 sand in 863 bbls YF 125 fluid. Treated @ avg. pressure of 4168 psi w/avg. rate of 17.4 BPM. ISIP - 1946 psi. Calc flush: 1522 gal. Actual flush: 1389 gal.
2/7/03	5701'-5709'	<b>Frac LoLODC sands as follows:</b> 24,458# 20/40 sand in 202 bbls YF 125 fluid. Treated @ avg. pressure of 4996 psi w/avg. rate of 17.6 BPM. Calc flush: 1439 gal. Actual flush: 722 gal.
2/7/03	5534'-5580'	<b>Frac UpLODC sands as follows:</b> 74,500# 20/40 sand in 550 bbls YF 125 fluid. Treated @ avg. pressure of 3725 psi w/avg. rate of 17.8 BPM. ISIP - 1798 psi. Calc flush: 1424 gal. Actual flush: 1277 gal.
2/8/03	5206'-5367'	<b>Frac B1, B2 and UpA1 sands as follows:</b> 65,500# 20/40 sand in 474 bbls YF 125 fluid. Treated @ avg. pressure of 3512 psi w/avg. rate of 17.3 BPM. ISIP - 2189 psi. Calc flush: 1348 gal. Actual flush: 1132 gal.
2/8/03	5037'-5096'	<b>Frac D3 and C sands as follows:</b> 22,468# 20/40 sand in 204 bbls YF 125 fluid. Treated @ avg. pressure of 3351 psi w/avg. rate of 17.9 BPM.
5/8/03		Pump Change. Update rod and tubing detail.
10/12/05		Pump Change (Lower EOT)
11/14/05		Pump Change (Lower EOT)
12/08/05		Tubing Leak. Detail tubing and rod update.
11/9/2009		Pump change. Update rod and tubing details.

### PERFORATION RECORD

7/10/90	5609'-5665'	4 JSPF	224 holes
7/10/90	5586'-5605'	4 JSPF	76 holes
7/12/90	5379'-5386'	4 JSPF	28 holes
7/14/90	4473'-4509'	4 JSPF	144 holes
2/4/03	6225'-6228'	4 JSPF	12 holes
2/4/03	6190'-6204'	4 JSPF	56 holes
2/4/03	6177'-6180'	4 JSPF	12 holes
2/4/03	6163'-6168'	4 JSPF	36 holes
2/4/03	6154'-6158'	4 JSPF	36 holes
2/4/03	5983'-5990'	4 JSPF	28 holes
2/4/03	5946'-5950'	4 JSPF	48 holes
2/4/03	5932'-5940'	4 JSPF	48 holes
2/4/03	5850'-5852'	4 JSPF	8 holes
2/4/03	5701'-5709'	4 JSPF	32 holes
2/4/03	5566'-5580'	4 JSPF	76 holes
2/4/03	5556'-5561'	4 JSPF	76 holes
2/4/03	5544'-5550'	4 JSPF	36 holes
2/4/03	5534'-5537'	4 JSPF	36 holes
2/4/03	5357'-5367'	4 JSPF	52 holes
2/4/03	5346'-5349'	4 JSPF	52 holes
2/4/03	5244'-5254'	4 JSPF	56 holes
2/4/03	5206'-5210'	4 JSPF	56 holes
2/4/03	5091'-5096'	4 JSPF	20 holes
2/4/03	5051'-5057'	4 JSPF	36 holes
2/4/03	5037'-5040'	4 JSPF	36 holes



**Federal #33-33B**  
 1857 FSL & 1883 FEL  
 NWSE Section 33-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31268; Lease #U-49092

Spud Date: 8-15-88  
 Put on Production: 10-9-88  
 Put on Injection: 1-11-95  
 GL: 5715' KB: 5730'

## Federal 34-33B-8-16

Initial Production: 580 BOPD,  
 0 MCFPD, 249 BWPD

### Injection Diagram

#### SURFACE CASING

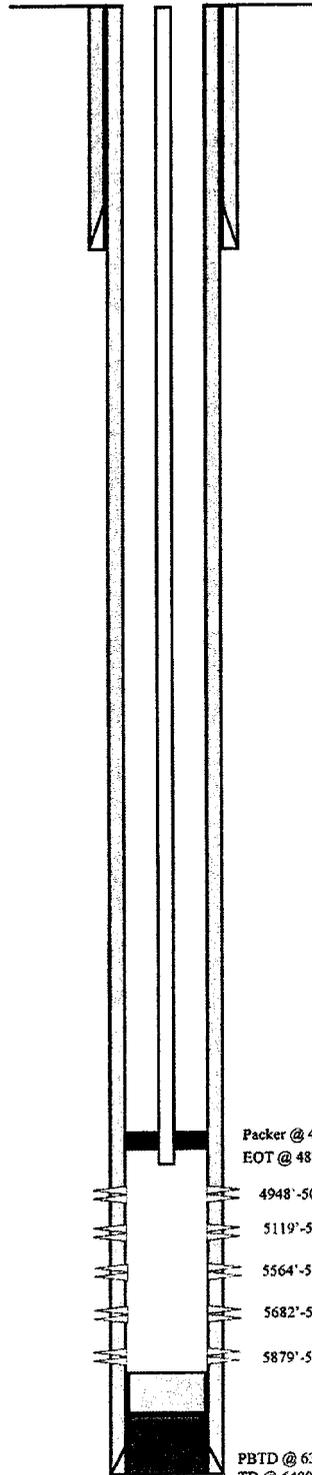
CSG SIZE: 9-5/8"  
 GRADE: L-80, N-80  
 WEIGHT: 47#, 53.5#  
 LENGTH: 7 JTS (295.8')  
 DEPTH LANDED: 310'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 165 skx Class "G" cmt, est ? bbls to surface

#### PRODUCTION CASING

CSG SIZE: 5-1/2" / 17# / K-55  
 LENGTH: 5564'  
 CSG SIZE: 5-1/2" / 17# / N-80  
 LENGTH: 5564' - 6410'  
 SET AT: 6392' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 125 sks Hi-Lift & 500 Class "G" cement.  
 CEMENT TOP AT: 2405'

#### TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#  
 NO. OF JOINTS: 158 jts (4853.4')  
 SEATING NIPPLE: 2-7/8"  
 SN LANDED AT: 4867.5' KB  
 CE @ 4871'  
 TOTAL STRING LENGTH: EOT @ 4872" KB



#### FRAC JOB

5879'-5925'	50,000# 20/40 sand 45,000 # 16/30 sand, 41,300 gal gel
5682'-5773'	30,600# 20/40 sand 46,400# 16/30 sand, 824 bbls fluid
5564'-5578'	30,100# 20/40 sand 39,800# 16/30 sand, 668 bbls fluid
5119'-5266'	31,000# 20/40 sand 40,900# 16/30 sand, 729 bbls fluid
4948'-5049'	65,100# 20/40 sand 46,100# 16/30 sand
11-04-94	Convert to Injection well
6-7-00	5 yr MIT
6-6-05	5 yr MIT
5-5-10	5 yr MIT

#### PERFORATION RECORD

5879'-5925'	4 JSPF	? holes
5682'-5773'	4 JSPF	? holes
5564'-5578'	4 JSPF	? holes
5119'-5266'	4 JSPF	? holes
4948'-5049'	4 JSPF	? holes

### NEWFIELD

Federal 34-33B-8-16  
 614 FSL 1885 FEL  
 SWSE Section 33-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31269; Lease #U-49092

Spud Date: 9/5/89

Put on Production: 11/10/89  
Put on Injection: 1/11/95

GL: 5673' KB: 5686'  
**SURFACE CASING**

CSG SIZE: 9-5/8"  
GRADE: K-55  
WEIGHT: 36#  
LENGTH: 306.09'  
DEPTH LANDED: 309'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 165 sxs cmt

**PRODUCTION CASING**

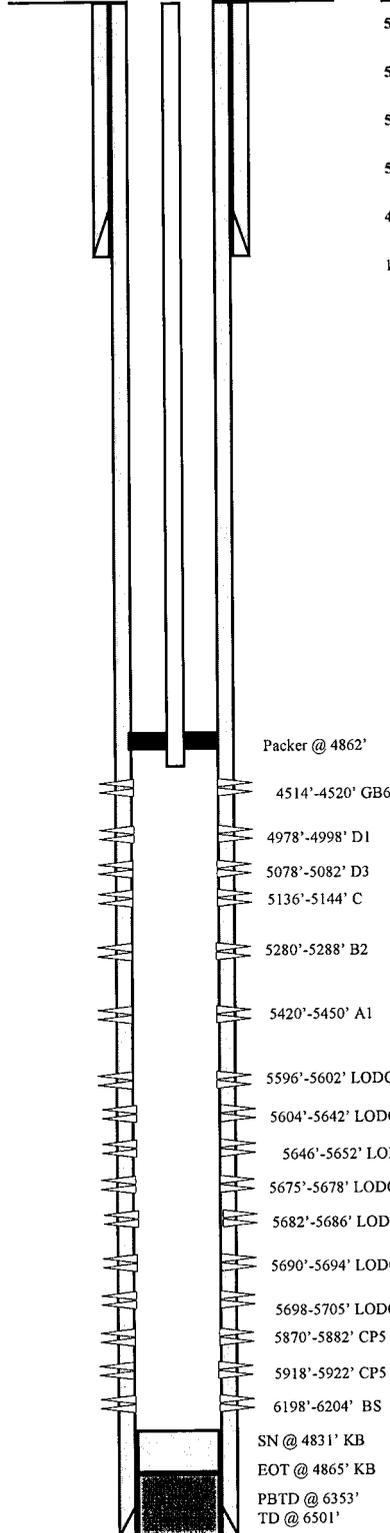
CSG SIZE: 5-1/2"  
GRADE: K-55  
WEIGHT: 17#  
LENGTH: 6481.5'  
DEPTH LANDED: 6483'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 1045 sxs cement  
CEMENT TOP AT: Sfc

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55  
NO. OF JOINTS: 156 jts (4817')  
SN LANDED AT: 4831' KB  
NO. OF JOINTS: 1 jts (29.41')  
PACKER: 4862' KB  
TOTAL STRING LENGTH: EOT @ 4865' KB

## Federal #43-33B

Injection Wellbore Diagram



Initial Production: 240 BOPD,  
0 MCFPD, 126 BWPD

**FRAC JOB**

5596'-5705'	1933 bbl fluid 73,100# 20/40 sand, 84,900# 16/30 sand
5420'-5450'	1095 bbl fluid 45,900# 20/40 sand, 74,300# 16/30 sand
5280'-5288'	676 bbl fluid 26,000# 20/40 sand, 44,000# 16/30 sand
5136'-5144'	685 bbl fluid 32,800# 20/40 sand, 10,200# 16/30 sand
4978'-4998'	942 bbl fluid 41,080# 20/40 sand, 55,215# 16/30 sand
10/29/94	Convert to injector.

**PERFORATION RECORD**

5596'-5705'	2 JSPF	132 holes
5420'-5450'	4 JSPF	80 holes
5280'-5288'	4 JSPF	32 holes
5136'-5144'	4 JSPF	32 holes
4978'-4998'	4 JSPF	80 holes



**Federal #43-33B**  
1837 FSL & 590 FEL  
NESE Section 33-T8S-R16E  
Duchesne Co, Utah  
API #43-013-31240; Lease #U-49092

## Travis Fed. #J-33-8-16

Spud Date: 7/17/08  
 Put on Production: 8/25/08  
 GL: 5563' KB: 5575'

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (313.64')  
 DEPTH LANDED: 325.49'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: To surface with 160 sx Class 'G' cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 162 jts  
 DEPTH LANDED: 6390.86'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 325 sx Premilite II and 450 sx 50/50 Poz  
 CEMENT TOP AT: 50'

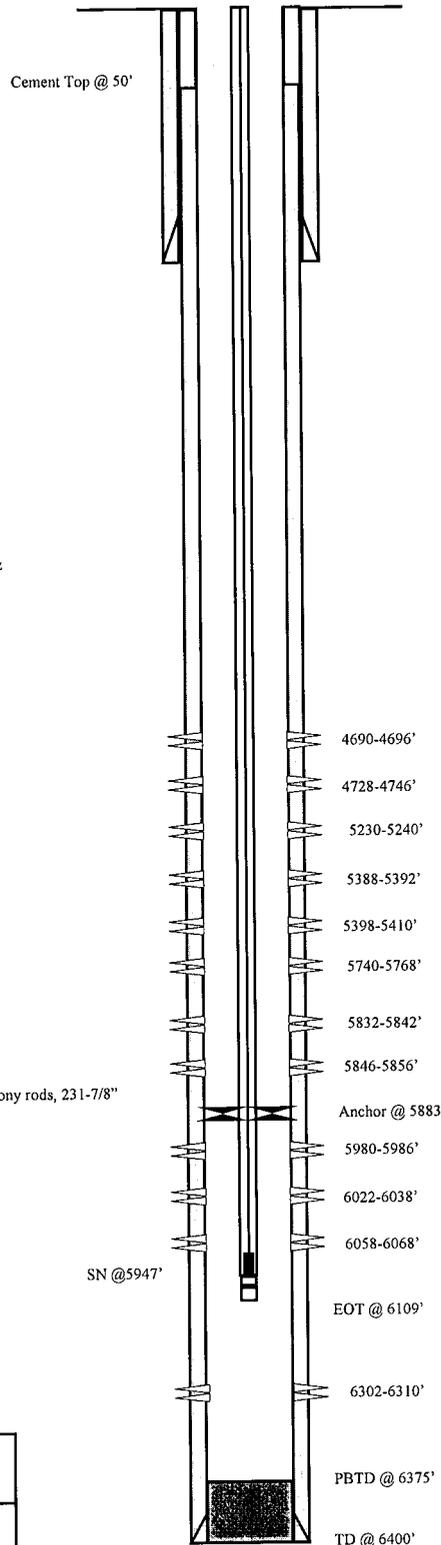
### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55/ 6.5#  
 NO. OF JOINTS: 191 jts (5870.89')  
 TUBING ANCHOR: 5882.89'  
 NO. OF JOINTS: 2 jts (61.92')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5947.61'  
 NO. OF JOINTS: 1 jts (30.92')  
 TOTAL STRING LENGTH: EOT @ 6108.68'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 26' polished rod  
 SUCKER RODS: 1 1/2" x 26' polished rod, 1-4', 6', 8' x 7/8" pony rods, 231-7/8" guided rods (8 per), 4-1 1/2" weight bars  
 PUMP SIZE: 2 1/2" x 1 3/4" x 16' x 19' RHAC pump CDI  
 STROKE LENGTH: 84"  
 PUMP SPEED, SPM: 5

### Wellbore Diagram



### FRAC JOB

8/14/08 6302-6310' **Frac CP5 sds as follows:**  
 Frac w/24,029# 20/40 sand in 419 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2445 psi w/ ave rate of 21.5 BPM. ISIP 2267 psi. Actual flush: 5796 gals.

8/14/08 6058-6068' **Frac CP2, CP1 & CP.5 sds as follows:**  
 Frac w/99,661# 20/40 sand in 776 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1966 psi w/ ave rate of 22.4 BPM. ISIP 2184 psi. Actual flush: 5515 gals.

8/14/08 5832-5842' **Frac LODC sds as follows:**  
 Frac w/42,105# 20/40 sand in 446 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2325 psi w/ ave rate of 21.2 BPM. ISIP 2519 psi. Actual flush: 5410 gals.

8/14/08 5740-5768' **Frac LODC sds as follows:**  
 Frac w/79,304# 20/40 sand in 643 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2428 psi w/ ave rate of 21.5 BPM. ISIP 3098 psi. Actual flush: 5250 gals.

8/15/08 5388-5392' **Frac B2 sds as follows:**  
 Frac w/51,086# 20/40 sand in 489 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2120 psi w/ ave rate of 21.0 BPM. ISIP 2471 psi. Actual flush: 4880 gals.

8/15/08 5230-5240' **Frac C sds as follows:**  
 Frac w/33,904# 20/40 sand in 373 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2354 psi w/ ave rate of 21.3 BPM. ISIP 3630 psi. Actual flush: 4641 gals.

8/15/08 4690-4696' **Frac PB7/PB8 sds as follows:**  
 Frac w/73,012# 20/40 sand in 595 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2462 psi w/ ave rate of 22.2 BPM. ISIP 2830 psi. Actual flush: 4303 gals.

### PERFORATION RECORD

Date	Interval	Tool	Holes
8/15/08	4690-4696'	4 JSPF	24 holes
8/15/08	4728-4746'	4 JSPF	72 holes
8/15/08	5230-5240'	4 JSPF	40 holes
8/14/08	5388-5392'	4 JSPF	16 holes
8/14/08	5398-5410'	4 JSPF	48 holes
8/14/08	5740-5768'	4 JSPF	112 holes
8/14/08	5832-5842'	4 JSPF	40 holes
8/14/08	5846-5856'	4 JSPF	40 holes
8/14/08	5980-5986'	4 JSPF	24 holes
8/14/08	6022-6038'	4 JSPF	64 holes
8/14/08	6058-6068'	4 JSPF	40 holes
8/14/08	6302-6310'	4 JSPF	32 holes

**NEWFIELD**

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**Travis Federal #J-33-8-16**

681' FNL & 659' FEL

NW/NW Section 33-T8S-R16E

Duchesne Co, Utah

API #43-013-33707; Lease #UTU-34173

## Wells Draw Federal R-33-8-16

Spud Date: 7/29/2009  
 Put on Production: 9/28/2009  
 GL: 5673' KB: 5685'

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (308.67')  
 DEPTH LANDED: 320.52'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

### PRODUCTION CASING

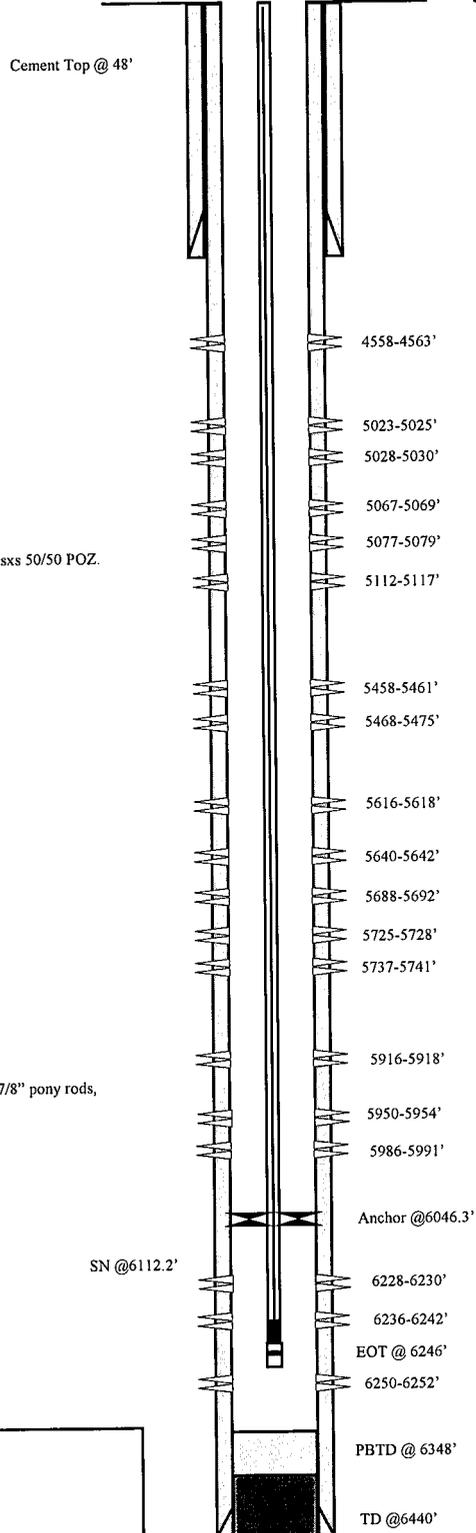
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 144 jts. (6421.69')  
 HOLE SIZE: 7-7/8"  
 TOTAL DEPTH: 6434.94'  
 CEMENT DATA: 250 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.  
 CEMENT TOP AT: 48'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 192 jts (6034.3')  
 TUBING ANCHOR: 6046.3'  
 NO. OF JOINTS: 2 jts (63.2')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 6112.2' KB  
 NO. OF JOINTS: 1 jts (31.4'), 3 jts (94.8')  
 TOTAL STRING LENGTH: EOT @ 6246'

### SUCKER RODS

POLISHED ROD: 1 1/2" x 26'  
 SUCKER RODS: 1 - 2' x 7/8", 1 - 4' x 7/8", 1 - 8" x 7/8" pony rods,  
 239 - 7/8" 8 per guided rods, 4-1 1/2" weight bars  
 PUMP SIZE: 2 1/2" x 1 1/4" x 20' RHAC  
 STROKE LENGTH: 168  
 PUMP SPEED: SPM 6



### FRAC JOB

9-29-09	6228-6252'	<b>Frac BLK SH sands as follows:</b> Frac with 35390# 20/40 sand in 232 bbls Lightning 17 fluid.
9-29-09	5916-5991'	<b>Frac CP2, CP.5, &amp; CPI sands as follows:</b> Frac with 29840# 20/40 sand in 251 bbls Lightning 17 fluid.
9-29-09	5616-5741'	<b>Frac LODC sands as follows:</b> Frac with 60359# 20/40 sand in 367 bbls Lightning 17 fluid.
9-29-09	5458-5475'	<b>Frac A1 sands as follows:</b> Frac with 35455# 20/40 sand in 226 bbls Lightning 17 fluid.
9-29-09	5023-5117'	<b>Frac D2, D1, &amp; D3 sands as follows:</b> Frac with 80474# 20/40 sand in 484 bbls Lightning 17 fluid.
9-29-09	4558-4563'	<b>Frac GB6 sands as follows:</b> Frac with 16887# 20/40 sand in 140 bbls Lightning 17 fluid.

### PERFORATION RECORD

6250-6252'	3 JSPF	6 holes
6236-6242'	3 JSPF	18 holes
6228-6230'	3 JSPF	6 holes
5986-5991'	3 JSPF	15 holes
5950-5954'	3 JSPF	12 holes
5916-5918'	3 JSPF	6 holes
5737-5741'	3 JSPF	12 holes
5725-5728'	3 JSPF	9 holes
5688-5692'	3 JSPF	12 holes
5640-5642'	3 JSPF	6 holes
5616-5618'	3 JSPF	6 holes
5468-5475'	3 JSPF	21 holes
5458-5461'	3 JSPF	9 holes
5112-5117'	3 JSPF	15 holes
5077-5079'	3 JSPF	6 holes
5067-5069'	3 JSPF	6 holes
5028-5030'	3 JSPF	6 holes
5023-5025'	3 JSPF	6 holes
4558-4563'	3 JSPF	15 holes

**NEWFIELD**



**Wells Draw Federal R-33-8-16**

NWSE 1823' FSL & 1916' FEL

Section 33-T8S-R16E

Duchesne Co, Utah

API # 43-013-34068; Lease # UTU-49092

## Wells Draw Federal S-33-8-16

Spud Date: 08/01/2009  
 Put on Production: 09/22/2009  
 GL: 5673' KB: 5685'

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (308.78')  
 DEPTH LANDED: 320.63'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

### PRODUCTION CASING

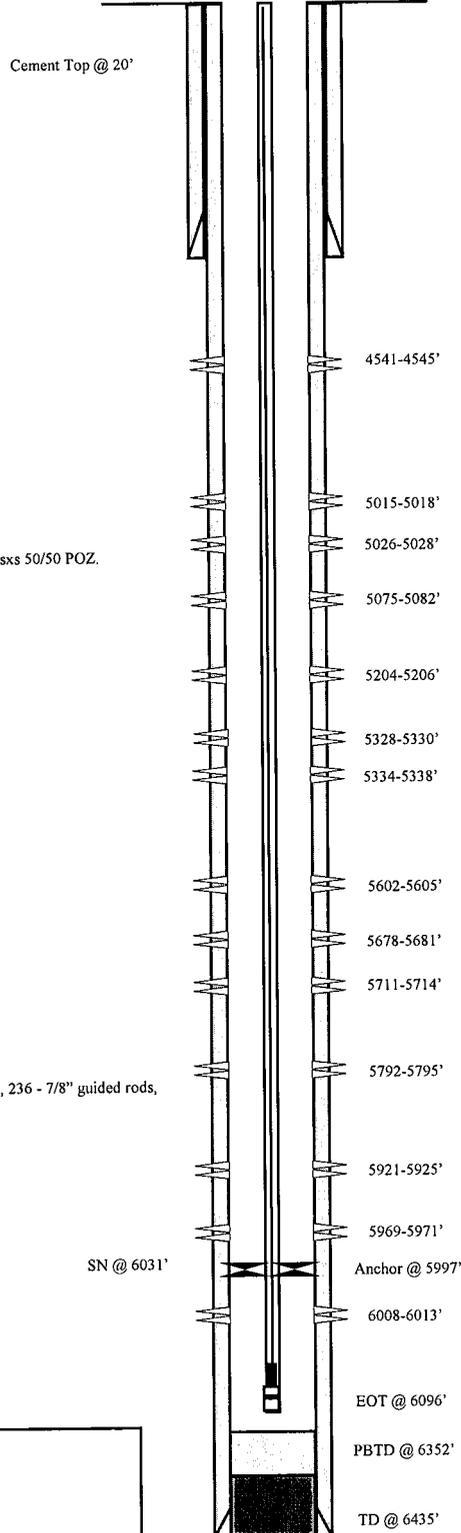
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 143 jts. (6411.39')  
 HOLE SIZE: 7-7/8"  
 TOTAL DEPTH: 6424.64'  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.  
 CEMENT TOP AT: 20'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 188 jts (5985')  
 TUBING ANCHOR: 5997'  
 NO. OF JOINTS: 1 jts (31.6')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 6031.4' KB  
 NO. OF JOINTS: 2 jts (63.2')  
 TOTAL STRING LENGTH: EOT @ 6096'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 30'  
 SUCKER RODS: 1 - 2' x 7/8", 1 - 4' x 7/8" pony rods, 236 - 7/8" guided rods, 4-1 1/2" weight bars  
 PUMP SIZE: 2 1/2" x 1 3/4" x 20' RHAC  
 STROKE LENGTH: 168  
 PUMP SPEED: SPM 6



### FRAC JOB

9-23-09	5921-6013'	Frac CP1, CP.5 & CP2 sands as follows: Frac with 30433# 20/40 sand in 258 bbls Lightning 17 fluid.
9-23-09	5602-5795'	Frac LODC sands as follows: Frac with 201574# 20/40 sand in 1228 bbls Lightning 17 fluid.
9-23-09	5204-5338'	Frac B2 & C sands as follows: Frac with 15016# 20/40 sand in 123 bbls Lightning 17 fluid.
9-23-09	5015-5082'	Frac D2 & D1 sands as follows: Frac with 150403# 20/40 sand in 945 bbls Lightning 17 fluid.
9-23-09	4541-4545'	Frac GB6 sands as follows: Frac with 14911# 20/40 sand in 131 bbls Lightning 17 fluid.

### PERFORATION RECORD

6008-6013'	3 JSPF	15 holes
5969-5971'	3 JSPF	6 holes
5921-5925'	3 JSPF	12 holes
5792-5795'	3 JSPF	9 holes
5711-5714'	3 JSPF	9 holes
5678-5681'	3 JSPF	9 holes
5602-5605'	3 JSPF	9 holes
5334-5338'	3 JSPF	12 holes
5328-5330'	3 JSPF	6 holes
5204-5206'	3 JSPF	6 holes
5075-5082'	3 JSPF	21 holes
5026-5028'	3 JSPF	6 holes
5015-5018'	3 JSPF	9 holes
4541-4545'	3 JSPF	12 holes

**NEWFIELD**



**Wells Draw Federal S-33-8-16**

1836' FSL & 1899' FEL  
 NW/SE Section 33-T8S-R16E  
 Duchesne Co, Utah  
 API # 43-013-34067; Lease # UTU-49092

Spud Date: 7/17/95  
 Put on Production: 9/12/95  
 Put on Injection: 10/7/97  
 GL: 5631' KB: 5644'

## Monument Butte Fed. #5-34-8-16

Initial Production: 218 BOPD,  
 124 MCFD, 9 BWPD

Injection Wellbore  
 Diagram

### SURFACE CASING

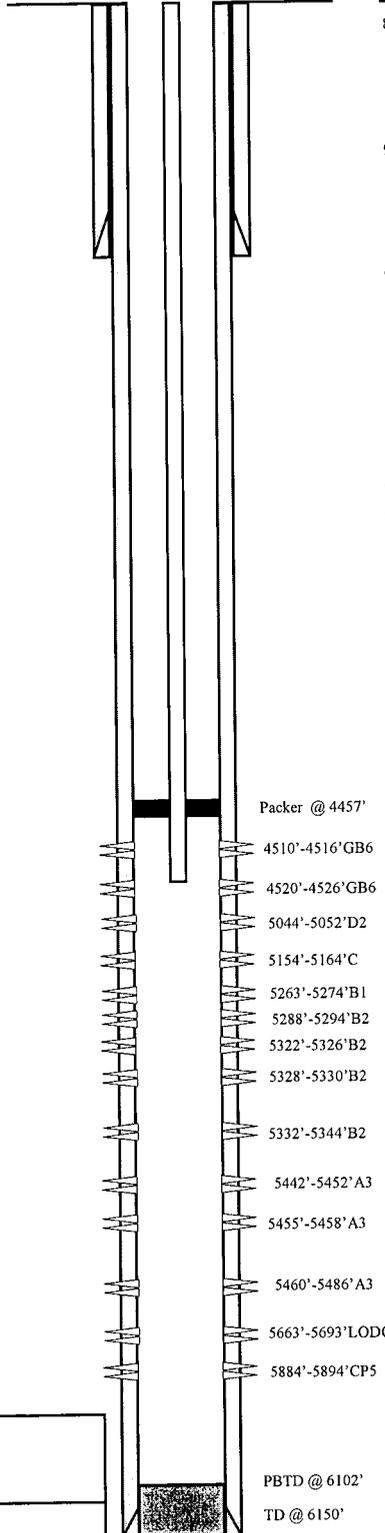
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (298')  
 DEPTH LANDED: 296' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Class "G" cmt, est 4 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: ? jts. (6152')  
 DEPTH LANDED: 6148' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 340 sxs Hifill & 345 sxs Cal-Seal.  
 CEMENT TOP AT: ? per CBL

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 140 jts (4440.03')  
 SEATING NIPPLE: 2-7/8" (1.10")  
 SN LANDED AT: 4453.03' KB  
 PACKER AT: 4457.48' KB  
 TOTAL STRING LENGTH: EOT @ 4461.68' KB



### FRAC JOB

8/30/95	5663'-5693'	<b>Frac zone as follows:</b> 14,933# 20/40 sand + 130,948# 16/30 sand in 738 bbls Boragel frac fluid. Treated @ avg press of 2650 psi w/avg rate of 33 BPM. ISIP 2970 psi. Calc flush: 5663 gal. Actual flush: 5628 gal.
9/01/95	5442'-5486'	<b>Frac zone as follows:</b> 88,000# 20/40 sand + 40,000# 16/30 sand in 548 bbls Gelled frac fluid. Treated @ avg press of ? psi w/avg rate of ? BPM. ISIP 2030 psi. Calc flush: 5442 gal. Actual flush: 5398 gal.
9/03/95	5263'-5344'	<b>Frac zone as follows:</b> 58,000# 16/30 sand in 548 bbls Gelled frac fluid. Treated @ avg press of ? psi w/avg rate of ? BPM. ISIP 3537 psi. Calc flush: 5263 gal. Actual flush: 1519 gal.
9/08/95	5044'-5052'	<b>Frac zone as follows:</b> 52,000# 16/30 sand in 459 bbls Gelled frac fluid. Treated @ avg press of ? psi w/avg rate of ? BPM. ISIP 2097 psi. Calc flush: 5044 gal. Actual flush: 5000 gal.
9/27/97		Convert to injector.
7-13-05		Re-completion and MIT.
	5884-5894'	<b>Frac zone as follows:</b> 19,640# 16/30 sand in 209 bbls of Lightning 17 frac fluid. Treated @ avg press of 2970 psi w/avg rate rate of 14.3 BPM. ISIP 1725 psi. Calc flush: 1589 gal. Actual flush: 1470 gal.
7-13-05	5154-5164'	<b>Frac zone as follows:</b> 14,568# 20/40 sand in 172 bbls of Lightning 17 frac fluid. Treated @ avg press of 3359 psi w/avg rate of 14.3 BPM. ISIP 2850 psi. Calc flush: 1820 gal. Actual flush: 1218 gal.
7-14-05	4510-4526'	<b>Frac zone as follows:</b> 14,210# 20/40 sand in 181 bbls of Lightning 17 fracfluid. Treated @ avg press of 3059 psi w/avg rate of 14.2 BPM. ISIP 2000 psi. Calc flush: 1166 gal. Actual flush: 1134 gal.
11/15/06		<b>Workover: Acidize B2 sands</b>

### PERFORATION RECORD

Date	Depth Range	Tool	Holes
8/29/95	5663'-5693'	4 JSPF	120 holes
8/31/95	5460'-5486'	4 JSPF	104 holes
8/31/95	5455'-5458'	4 JSPF	12 holes
8/31/95	5442'-5452'	4 JSPF	40 holes
9/2/95	5332'-5344'	4 JSPF	48 holes
9/2/95	5328'-5330'	4 JSPF	24 holes
9/2/95	5322'-5326'	4 JSPF	16 holes
9/2/95	5263'-5274'	4 JSPF	44 holes
9/7/95	5044'-5052'	4 JSPF	32 holes

**NEWFIELD**

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**Monument Butte Fed. #5-34-8-16**  
 1980' FSL & 660' FWL  
 SWNW Section 34-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31499; Lease #U-62848

## Travis Federal 4-33R-8-16

Spud Date: 10-03-05  
Put on Production: 11-28-05

GL: 5677' KB: 5689'

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (279')  
DEPTH LANDED: 290.85' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 4.5 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 145 jts (6117.49')  
DEPTH LANDED: 6116.74' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 315 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 210'

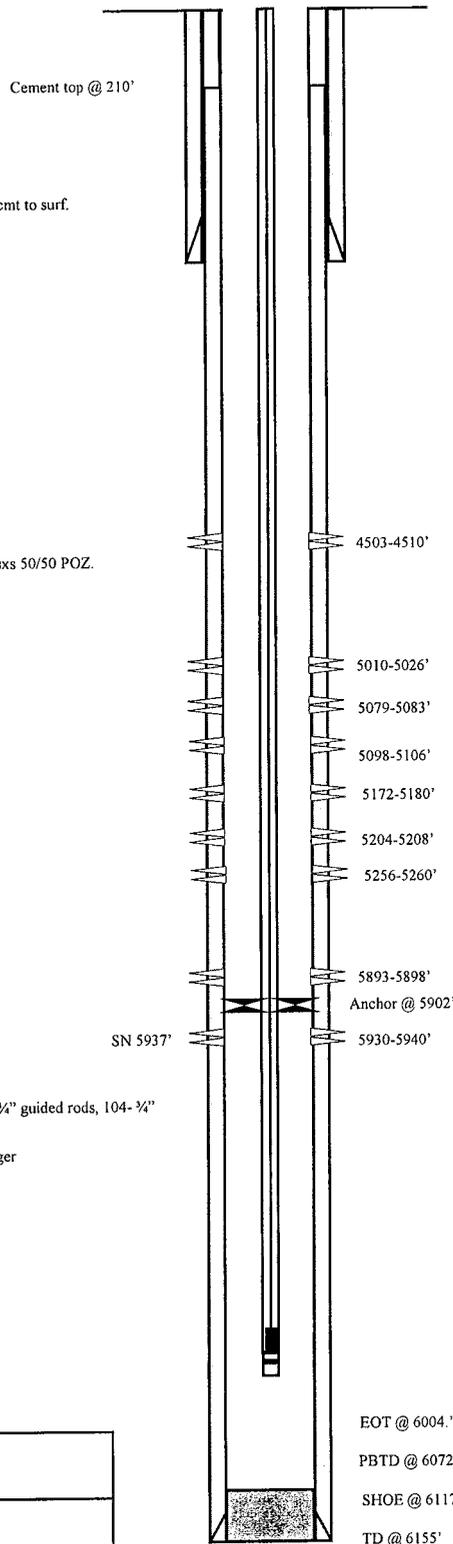
### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 185 jts (5890.08')  
TUBING ANCHOR: 5902.08' KB  
NO. OF JOINTS: 1 jts (32.44')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5937.32' KB  
NO. OF JOINTS: 2 jts (65.21')  
TOTAL STRING LENGTH: EOT @ 6004.08' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 1-4', 2-6', 1-8' X 3/4" pony rods, 96- 3/4" guided rods, 104- 3/4" slick rods, 30- 3/4" guided rods, 6-1 1/2" weight rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC w/SM plunger  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 4 SPM

### Wellbore Diagram



Initial Production: BOPD,  
MCFD, BWPD

### FRAC JOB

01-17-06 5893-5940' **Frac CP.5, & CP1 sands as follows:**  
50464# 20/40 sand in 518 bbls Lightning 17 frac fluid. Treated @ avg press of 1833 psi w/avg rate of 24.9 BPM. ISIP 2000 psi. Calc flush: 5891 gal. Actual flush: 5880 gal.

01-17-06 5172-5260' **Frac B.5, & C sands as follows:**  
69439# 20/40 sand in 647 bbls Lightning 17 frac fluid. Treated @ avg press of 1922 psi w/avg rate of 24.9 BPM. ISIP 1950 psi. Calc flush: 5170 gal. Actual flush: 5208 gal.

01-17-06 5010-5106' **Frac D1, & D2 sands as follows:**  
120342# 20/40 sand in 842 bbls Lightning 17 frac fluid. Treated @ avg press of 1760 psi w/avg rate of 24.8 BPM. ISIP 2270 psi. Calc flush: 5008 gal. Actual flush: 4998 gal.

01-17-06 4503-4510' **Frac GB4 sands as follows:**  
17280# 20/40 sand in 270 bbls Lightning 17 frac fluid. Treated @ avg press of 2155 w/ avg rate of 24.9 BPM. ISIP 2420 psi. Calc flush: 4501 gal. Actual flush: 4410 gal.

07/06/06  
05-20-08  
8/24/09  
Clean fill out. Update rod and tubing details.  
Stuck pump. Pump change updated.  
Parted rods. Updated rod & tubing details.

### PERFORATION RECORD

Date	Depth Range	Tool	Holes
01-12-06	5930-5940'	4 JSPF	40 holes
01-12-06	5893-5898'	4 JSPF	20 holes
01-17-06	5256-5260'	4 JSPF	16 holes
01-17-06	5204-5208'	4 JSPF	16 holes
01-17-06	5172-5180'	4 JSPF	32 holes
01-17-06	5098-5106'	4 JSPF	32 holes
01-17-06	5079-5083'	4 JSPF	16 holes
01-17-06	5010-5026'	4 JSPF	64 holes
01-17-06	4503-4510'	4 JSPF	28 holes

**NEWFIELD**

**Travis Federal 4-33R-8-16**

826' FNL & 691' FWL

NW/NW Section 33-T8S-R16E

Duchesne Co, Utah

API #43-013-30754; Lease #UTU-34173

## Wells Draw 8-32-8-16

Spud Date: 4/27/2004  
 Put on Production: 7/9/2004  
 GL: 5711' KB:5723'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (312.77')  
 DEPTH LANDED: 322.77' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150sxs Class "G" cmt, est 1 bbl cmt to surf.

### PRODUCTION CASING

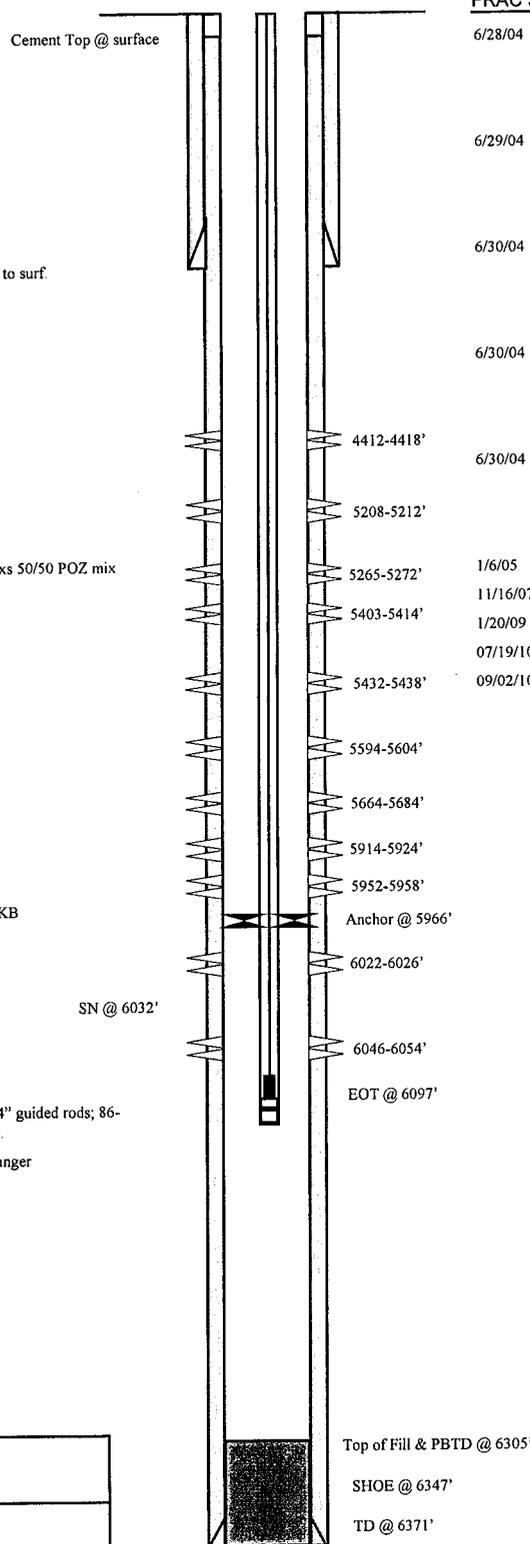
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 149 jts. (6349.39')  
 DEPTH LANDED: 6347.39' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix  
 CEMENT TOP AT: Surface

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 189 jts (5954.23')  
 TUBING ANCHOR: 5966.23' KB  
 NO. OF JOINTS: 2 jts (63.20')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 6032.20' KB  
 NO. OF JOINTS: 2 jts (63.20')  
 TOTAL STRING LENGTH: EOT @ 6096.50' w/ 12' KB

### SUCKER RODS

POLISHED ROD: 1 1/2" x 22'  
 SUCKER RODS: 1- 2', 1- 6', 2- 8', x 3/4" pony rod, 100-3/4" guided rods; 86-3/4" Sucker rods, 48- 3/4" guided rods, 6- 1 1/2" sinker bars.  
 PUMP SIZE: 2 1/2" x 1 1/2" x 16' RHAC pump w/ SM Plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5 SPM



### FRAC JOB

6/28/04	5914'-6054'	<b>Frac CP4, 3, 2 AND 1 sands as follows:</b> 78,979# 20/40 sand in 610 bbls lightning Frac 17 fluid. Treated @ avg press of 1635 psi w/avg rate of 24.7 BPM. ISIP 2000 psi. Calc flush: 5912 gal. Actual flush: 5914 gal.
6/29/04	5594'-5684'	<b>Frac LODC sands as follows:</b> 99,277# 20/40 sand in 725 bbls lightning Frac 17 fluid. Treated @ avg press of 2360 psi w/avg rate of 24.7 BPM. ISIP 3150 psi. Calc flush: 5592 gal. Actual flush: 5590 gal.
6/30/04	5403'-5438'	<b>Frac A3 and 1 sands as follows:</b> 44,757# 20/40 sand in 416 bbls lightning Frac 17 fluid. Treated @ avg press of 1775 psi w/avg rate of 24.6 BPM. ISIP 2025 psi. Calc flush: 5401 gal. Actual flush: 5401 gal.
6/30/04	5208'-5272'	<b>Frac B2 and .5 sands as follows:</b> 54,668# 20/40 sand in 460 bbls lightning Frac 17 fluid. Treated @ avg press of 1640 psi w/avg rate of 24.8 BPM. ISIP 2150 psi. Calc flush: 5206 gal. Actual flush: 5204 gal.
6/30/04	4412'-4418'	<b>Frac GB4 sands as follows:</b> 36,665# 20/40 sand in 326 bbls lightning Frac 17 fluid. Treated @ avg press of 2090 psi w/avg rate of 24.7 BPM. ISIP 4170 psi. Calc flush: 4410 gal. Actual flush: 4326 gal.
1/6/05		Stuck pump. Update rod details.
11/16/07		Major Workover. Rod & Tubing details updated.
1/20/09		Parted rods. Updated R & T details.
07/19/10		Parted rods. Rod & Tubing updated.
09/02/10		Pump Change. Rod & tubing detail updated.

### PERFORATION RECORD

6/28/04	6046-6054'	4 JSPF	32 holes
6/28/04	6022-6026'	4 JSPF	16 holes
6/28/04	5952-5958'	4 JSPF	24 holes
6/28/04	5914-5924'	4 JSPF	40 holes
6/29/04	5664-5684'	4 JSPF	80 holes
6/29/04	5594-5604'	4 JSPF	40 holes
6/30/04	5432-5438'	4 JSPF	24 holes
6/30/04	5403-5414'	4 JSPF	44 holes
6/30/04	5265-5272'	4 JSPF	28 holes
6/30/04	5208-5212'	4 JSPF	16 holes
6/30/04	4412-4418'	4 JSPF	24 holes

**NEWFIELD**

Wells Draw Unit 8-32-8-16  
 1969' FNL & 710' FEL  
 SE/NE Section 32-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-32219; Lease #ML-21836

## Federal #13-33B-8-16

Spud Date: 6/22/90  
 Put on Production: 10/3/90  
 GL: 5710' KB: 5725'

Initial Production: 116 BOPD,  
 0 MCFFPD, 181 BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8" / K-55 / 24#  
 DEPTH LANDED: 306' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 210 sx Class "G" cmt w/2% CaCl2

### PRODUCTION CASING

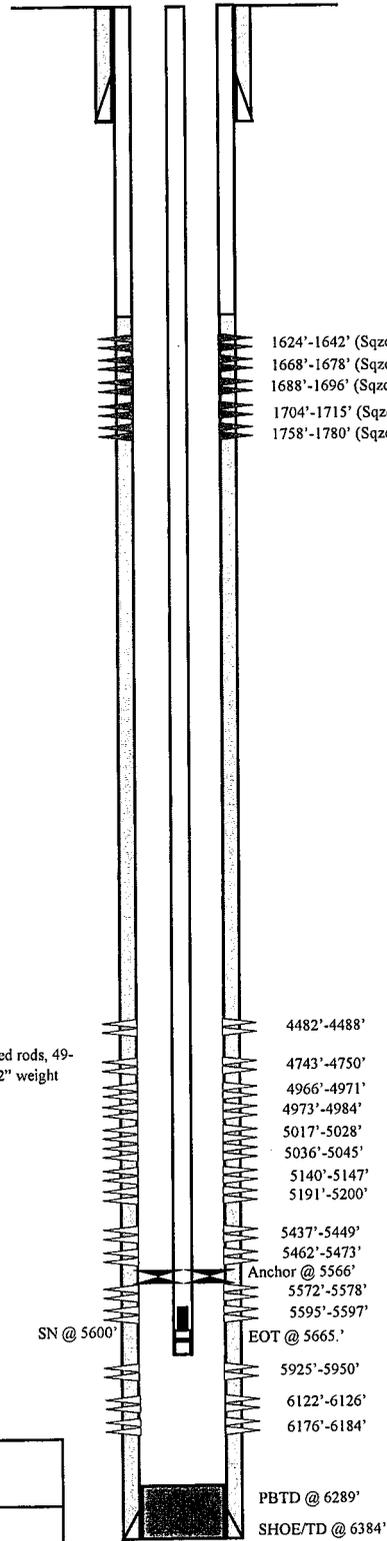
CSG SIZE: 5-1/2" / K-55 / 17#  
 SET AT: 6384'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: Lead 180 sx Hi-Lift, tail w/445 10-0 RFC  
 CEMENT TOP AT: 970'

### TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: J-55 109 jts. (3365.29')  
 NO. OF JOINTS: 68 jts (2186.12')  
 TUBING ANCHOR: 2.80' @ 5566.41' KB  
 NO. OF JOINTS: 1 jts. 31.40'  
 SEATING NIPPLE: 1.10' @ 5600.71' KB  
 NO. OF JOINTS: 2 jts. 63.45'  
 TOTAL STRING LENGTH: EOT @ 5665.61'

### SUCKER RODS

POLISHED ROD: 1 1/2" X 22"  
 SUCKER RODS: 2-8", 1-4", 1-2" x 7/8" pony rods, 85-7/8" scraped rods, 49-3/4" plain rods, 22-3/4" scraped rods, 5-1 5/8" weight bars, 1-1 1/2" weight bars.  
 PUMP SIZE: 2-1/2"x1-1/2"x 14.5' RHAC  
 STROKE LENGTH: 60"  
 PUMP SPEED, SPM: 7 SPM  
 LOGS: DIGL, CDL-DSN, CBL



### FRAC JOB

5925'-5950'	29,100# 20/40, 43,000# 16/30.
5437'-5473'	47,000# 20/40, 68,000# 16/30.
4966'-5045'	81,600# 20/40, 101,400# 16/30.
1758'-1780'	Acidize w/3000 gal 15% HCl acid w/Cla-Sta & iron seq. Perfs broke @ 2027 psi, avg 15 bpm, 2200 psi avg press, 3850 psi max press. Run 130 balls, good ball action.
1624'-1715'	Pump 6000 gal 15% HCl acid w/Cla-Sta & iron seq & 225 ball sealers, very little ball action. Well was on vac @ end of treatment.
5140'-5200'	Frac w/118,300# 20/40 sd in 508 bbls Delta Frac. Perfs broke dn @ 3960 psi. Treated @ ave sfc press of 6700 psi w/ave rate of 27 bpm. ISIP: 2345 psi, 5 min: 1875 psi. Flowback on 12/64" choke for 1-1/2 hrs & died. Rec 19 BTF (est 4% of load).
2/5/02	Tubing leak. Update rod and tubing details.
9/10/02	Tubing leak. Updated rod and tubing details.
2/26/03	6122'-6184' Frac BS and CP5 sands as follows: 40,735# of 20/40 sand in 330 bbls YF 125 fluid. Treated @ ave pressure 4193 psi W/ave rate of 17 BPM. ISIP-2349psi. Calc. flush: 1610 gals. Actual flush: 1405 gals.
2/27/03	5572'-5597' Frac LODC sands as follows: 31,897# of 20/40 sand in 288 bbls YF 125 fluid. Treated @ ave pressure 4621 psi W/ave rate of 17.1 BPM. ISIP-3400 psi. Calc. flush: 1439 gals. Actual flush: 1253 gals.
2/27/03	4743'-4750' Frac PB11 sands as follows: 31,200# of 20/40 sand in 267 bbls YF 125 fluid. Treated @ ave pressure 3639 psi W/ave rate of 16.7 BPM. ISIP-2245 psi. Calc. flush: 1240 gals. Actual flush: 888 gals.
2/27/03	4482'-4488' Frac GB6 sands as follows: 21,091# of 20/40 sand in 206 bbls YF 125 fluid. Treated @ ave pressure 3487 psi W/ave rate of 16.8 BPM. ISIP-2122 psi. Calc. flush: 1150 gals. Actual flush: 993 gals.
9/21/04	Parted Rods, updated rod & tubing detail.

### PERFORATION RECORD

Depth	Perforation Type	Holes
5925'-5950'	4 JSPF	100 holes
5462'-5473'	4 JSPF	44 holes
5437'-5449'	4 JSPF	48 holes
5036'-5045'	4 JSPF	36 holes
5017'-5028'	4 JSPF	44 holes
4973'-4984'	4 JSPF	44 holes
4966'-4971'	4 JSPF	20 holes
1758'-1780'	4 JSPF	88 holes Squeezed 4/10/94
1704'-1715'	4 JSPF	44 holes Squeezed 4/10/94
1688'-1696'	4 JSPF	32 holes Squeezed 4/10/94
1668'-1678'	4 JSPF	40 holes Squeezed 4/10/94
1624'-1642'	4 JSPF	72 holes Squeezed 4/10/94
5191'-5200'	4 JSPF	36 holes 3/11/98
5140'-5147'	4 JSPF	28 holes 3/11/98
4482'-4488'	4 JSPF	24 holes 2/25/2003
4743'-4750'	4 JSPF	28 holes 2/25/2003
5572'-5578'	4 JSPF	24 holes 2/25/2003
5595'-5597'	4 JSPF	8 holes 2/25/2003
6122'-6126'	4 JSPF	16 holes 2/25/2003
6176'-6184'	4 JSPF	32 holes 2/25/2003

**NEWFIELD**

**Federal #13-33B-8-16**

1972' FSL & 652' FWL

NWSW Section 33-T8S-R16E

Duchesne Co, Utah

API #43-013-31277; Lease #U-49092

**Multi-Chem Group, LLC**  
 Multi-Chem Analytical Laboratory  
 1553 East Highway 40  
 Vernal, UT 84078

## Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**  
 Well Name: **Monument Butte Injection**  
 Sample Point: **Before Desilter**  
 Sample Date: **1 / 1 / 2010**  
 Sales Rep: **Randy Huber**  
 Lab Tech: **John Keel**

Sample ID: **WA-35260**

Sample Specifics		Analysis @ Properties in Sample Specifics					
Test Date:	1/5/2010	<b>Cations</b>		<b>mg/L</b>	<b>Anions</b>		<b>mg/L</b>
Temperature (°F):	90	Calcium (Ca):	40.00	Chloride (Cl):	6000.00		
Sample Pressure (psig):	0	Magnesium (Mg):	24.40	Sulfate (SO <sub>4</sub> ):	140.00		
Specific Gravity (g/cm <sup>3</sup> ):	1.0040	Barium (Ba):	14.00	Dissolved CO <sub>2</sub> :	-		
pH:	9.1	Strontium (Sr):	-	Bicarbonate (HCO <sub>3</sub> ):	780.00		
Turbidity (NTU):	-	Sodium (Na):	4139.00	Carbonate (CO <sub>3</sub> ):	-		
Calculated T.D.S. (mg/L):	11140	Potassium (K):	-	H <sub>2</sub> S:	-		
Molar Conductivity (µS/cm):	16879	Iron (Fe):	2.29	Phosphate (PO <sub>4</sub> ):	-		
Resitivity (Mohm):	0.5925	Manganese (Mn):	0.15	Silica (SiO <sub>2</sub> ):	-		
		Lithium (Li):	-	Fluoride (F):	-		
		Aluminum (Al):	-	Nitrate (NO <sub>3</sub> ):	-		
		Ammonia NH <sub>3</sub> :	-	Lead (Pb):	-		
				Zinc (Zn):	-		
				Bromine (Br):	-		
				Boron (B):	-		

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> · 2H <sub>2</sub> O		Calcium Sulfate CaSO <sub>4</sub>		Strontium Sulfate SrSO <sub>4</sub>		Barium Sulfate BaSO <sub>4</sub>		Calculated CO <sub>2</sub>
		Temp °F	Gauge Press. psi	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index
90	0	23.17	69.04	0.00	-2379.40	0.00	-2621.80	-	-	55.12	23.32	0.01
80	0	21.03	68.87	0.00	48.75	0.00	-2691.60	-	-	68.23	23.41	0.01
100	0	24.91	68.69	0.00	51.91	0.00	-2527.60	-	-	44.78	23.21	0.01
120	0	27.06	67.47	0.00	53.11	0.00	-2284.10	-	-	30.04	22.93	0.01
140	0	27.53	66.01	0.00	53.00	0.00	-1996.20	-	-	20.54	22.53	0.01
160	0	26.44	63.35	0.01	51.01	0.01	-1694.10	-	-	14.28	21.97	0.01
180	0	24.21	57.33	0.01	46.14	0.01	-1400.70	-	-	10.07	21.21	0.01
200	0	21.32	48.01	0.01	38.70	0.01	-1130.70	-	-	7.20	20.18	0.01
220	2.51	18.08	38.69	0.01	30.92	0.02	-903.37	-	-	5.11	18.72	0.01
240	10.3	15.10	30.38	0.01	23.66	0.03	-698.20	-	-	3.72	16.87	0.01
260	20.76	12.37	23.68	0.01	17.47	0.04	-526.95	-	-	2.73	14.44	0.01
280	34.54	9.96	18.46	0.01	12.31	0.07	-387.36	-	-	2.01	11.26	0.01
300	52.34	7.88	14.42	0.01	8.07	0.11	-276.02	-	-	1.48	7.11	0.01

**Conclusions:**

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F  
 Gypsum Scaling Index is negative from 80°F to 300°F  
 Calcium Sulfate Scaling Index is negative from 80°F to 300°F  
 Strontium Sulfate scaling was not evaluated  
 Barium Sulfate scale is indicated at all temperatures from 80°F to 300°F

**Notes:**



## Multi-Chem Group, LLC

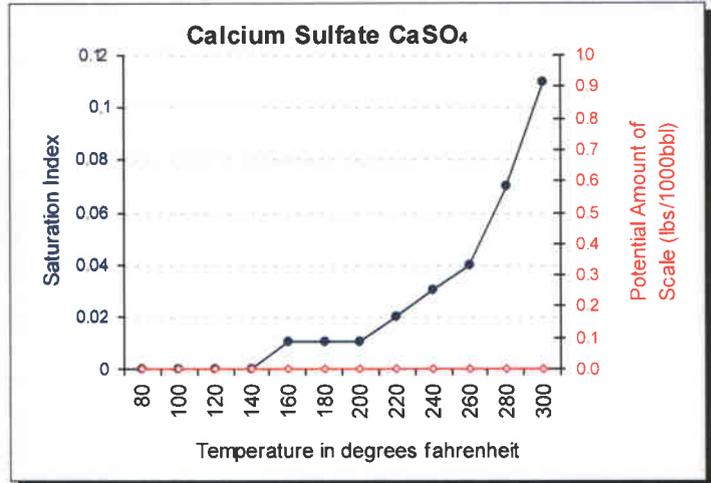
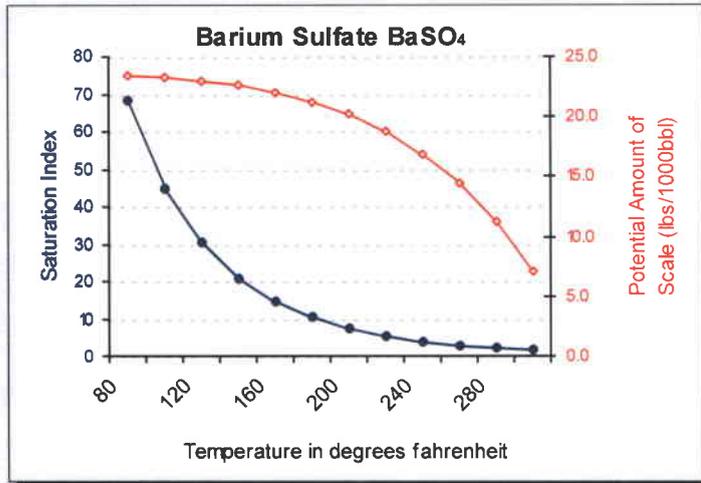
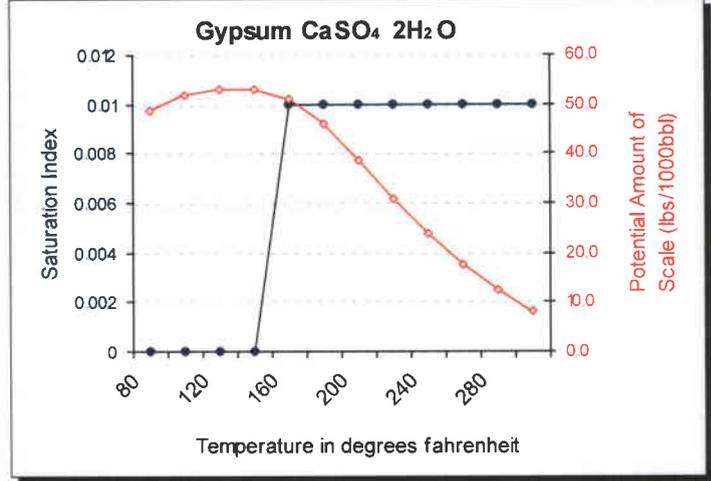
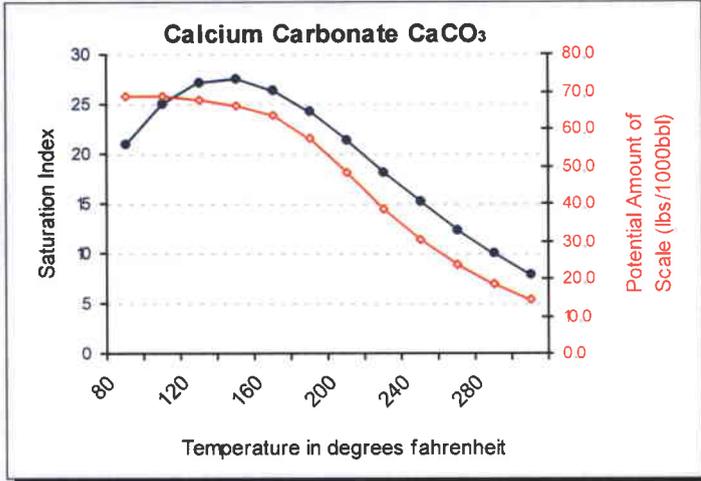
Multi-Chem Analytical Laborator  
 1553 East Highway 40  
 Vernal, UT 84078

multi-chem®

### Scale Prediction Graphs

Well Name: **Monument Butte Injection**

Sample ID: **WA-35260**





## Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory  
1553 East Highway 40  
Vernal, UT 84078

### Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**

Sample ID: **WA-48306**

Well Name: **federal 7-33-8-16**

Sample Point: **tank**

Sample Date: **10/15/2010**

Sales Rep: **Monty Frost**

Lab Tech: **Peter Poulsen**

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	10/18/2010	<b>Cations</b>	<b>mg/L</b>	<b>Anions</b>	<b>mg/L</b>
Temperature (°F):	100	Calcium (Ca):	5.71	Chloride (Cl):	4000.00
Sample Pressure (psig):	0	Magnesium (Mg):	1.18	Sulfate (SO <sub>4</sub> ):	67.32
Specific Gravity (g/cm <sup>3</sup> ):	1.0046	Barium (Ba):	34.69	Dissolved CO <sub>2</sub> :	-
pH:	8.1	Strontium (Sr):	-	Bicarbonate (HCO <sub>3</sub> ):	1683.00
Turbidity (NTU):	-	Sodium (Na):	3223.00	Carbonate (CO <sub>3</sub> ):	-
		Potassium (K):	-	H <sub>2</sub> S:	-
		Iron (Fe):	1.05	Phosphate (PO <sub>4</sub> ):	-
Calculated T.D.S. (mg/L):	9016	Manganese (Mn):	0.09	Silica (SiO <sub>2</sub> ):	-
Molar Conductivity (µS/cm):	13661	Lithium (Li):	-	Fluoride (F):	-
Resistivity (Mohm):	0.7320	Aluminum (Al):	-	Nitrate (NO <sub>3</sub> ):	-
		Ammonia NH <sub>3</sub> :	-	Lead (Pb):	-
				Zinc (Zn):	-
				Bromine (Br):	-
				Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
Temp °F	Gauge Press. psi	Calcium Carbonate CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> · 2H <sub>2</sub> O		Calcium Sulfate CaSO <sub>4</sub>		Strontium Sulfate SrSO <sub>4</sub>		Barium Sulfate BaSO <sub>4</sub>		Calculated CO <sub>2</sub> psi
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	
100	0	1.48	2.89	0.00	-2268.70	0.00	-2392.90	-	-	67.33	57.53	0.34
80	0	1.13	1.04	0.00	-9.48	0.00	-2547.50	-	-	102.01	58.01	0.17
100	0	1.48	2.89	0.00	-5.63	0.00	-2392.90	-	-	67.33	57.53	0.21
120	0	1.80	3.85	0.00	-3.20	0.00	-2166.40	-	-	45.46	56.85	0.23
140	0	2.10	4.30	0.00	-1.72	0.00	-1900.00	-	-	31.32	55.92	0.26
160	0	2.35	4.43	0.00	-0.89	0.00	-1621.00	-	-	21.99	54.67	0.29
180	0	2.53	4.39	0.00	-0.45	0.00	-1350.00	-	-	15.70	53.03	0.32
200	0	2.65	4.29	0.00	-0.24	0.00	-1100.60	-	-	11.38	50.94	0.32
220	2.51	2.68	4.19	0.00	-0.17	0.00	-890.19	-	-	8.20	48.13	0.32
240	10.3	2.66	4.11	0.00	-0.15	0.00	-701.31	-	-	6.07	44.80	0.33
260	20.76	2.58	4.04	0.00	-0.17	0.00	-543.96	-	-	4.54	40.73	0.33
280	34.54	2.46	3.98	0.00	-0.22	0.00	-415.70	-	-	3.42	35.83	0.33
300	52.34	2.31	3.87	0.00	-0.29	0.01	-313.00	-	-	2.58	29.95	0.34

#### Conclusions:

Calcium Carbonate scale is indicated at all temps from 80°F to 300°F  
Gypsum Scaling Index is negative from 80°F to 300°F  
Calcium Sulfate Scaling Index is negative from 80°F to 300°F  
Strontium Sulfate scaling was not evaluated  
Barium Sulfate scale is indicated at all temps from 80°F to 300°F

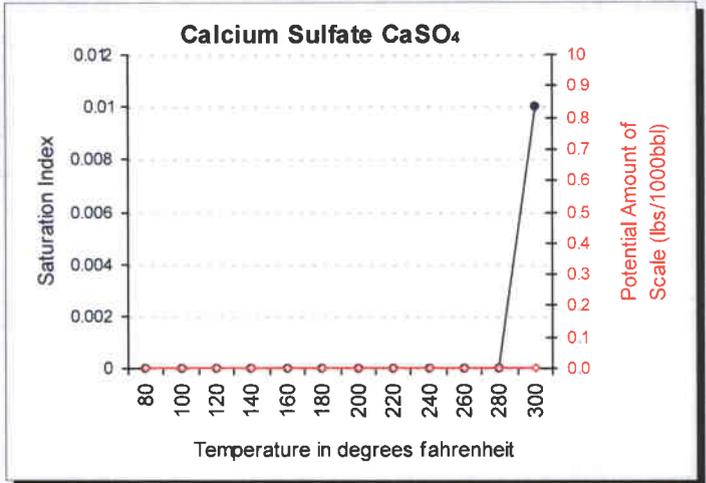
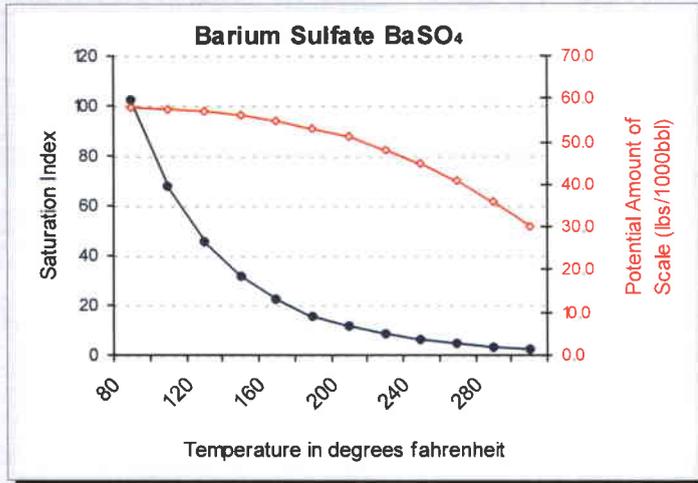
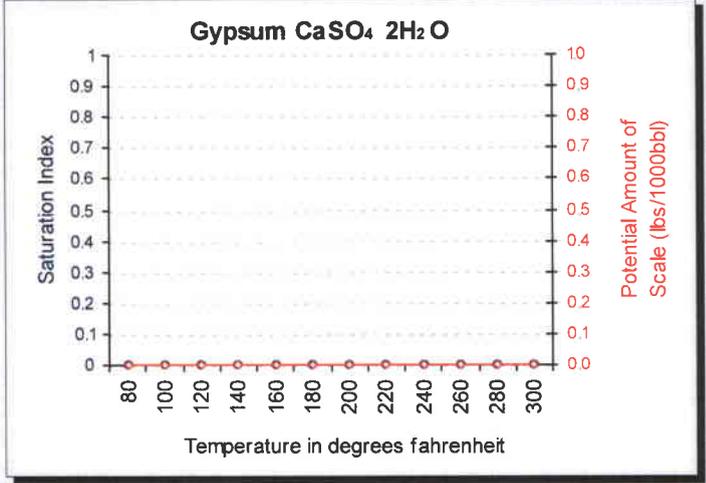
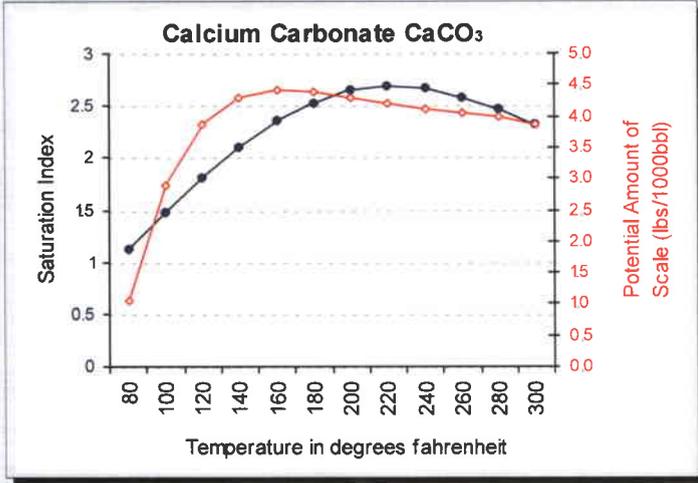
#### Notes:

**Multi-Chem Group, LLC**  
 Multi-Chem Analytical Laboratory  
 1553 East Highway 40  
 Vernal, UT 84078

## Scale Prediction Graphs

Well Name: **federal 7-33-8-16**

Sample ID: **WA-48306**



**Attachment "G"**

**Travis Federal 7-33-8-16  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
6348	6362	6355	2251	0.79	2210
6198	6268	6233	2281	0.80	2241
6020	6122	6071	2041	0.77	2002 ←
5864	5894	5879	3451	1.02	3413
5544	5560	5552	2376	0.86	2340
5406	5414	5410	2058	0.81	2023
5286	5294	5290	2632	0.93	2598
5164	5174	5169	2226	0.86	2192
4814	4820	4817	2317	0.91	2286
4602	4636	4619	2064	0.88	2034
				<b>Minimum</b>	<u><u>2002</u></u>

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

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

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

**Daily Activity Report****ATTACHMENT G-1**

Format For Sundry

TRAVIS 7-33-8-16

7/1/2008 To 11/30/2008

**9/17/2008 Day: 1****Completion**

Rigless on 9/16/2008 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6470' & cement top @ 43'. Perforate stage #1, CP5 sds @ 6348-62' w/ 3-1/8" Slick Guns (19 gram, .49"EH, 120°) w/ 4 spf for total of 56 shots. 155 BWTR. SWIFN.

**9/19/2008 Day: 2****Completion**

Rigless on 9/18/2008 - Stage #1 CP5 sds. RU BJ Services. 0 psi on well. Frac CP5 sds w/ 29,930#'s of 20/40 sand in 433 bbls of Lightning 17 fluid. Broke @ 2949 psi. Treated w/ ave pressure of 2290 psi w/ ave rate of 22.3 BPM. ISIP 2251 psi. Leave pressure on well. 588 BWTR. Stage #2 CP3/CP4 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 2- 8' perf guns. Set plug @ 6300'. Perforate CP3 sds @ 6198-6206' & CP4 sds @ 6260-68' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 64 shots. RU BJ Services. 1866 psi on well. Frac CP3/CP4 sds w/ 41,069#'s of 20/40 sand in 437 bbls of Lightning 17 fluid. Broke @ 2408 psi. Treated w/ ave pressure of 2043 psi w/ ave rate of 22.3 BPM. ISIP 2281 psi. Leave pressure on well. 1025 BWTR. Stage #3 CP.5/CP1/CP2 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 1- 4', 14', 2- 6' perf guns. Set plug @ 6140'. Perforate CP.5 sds @ 6020-24' & CP1 sds @ 6060-74' & CP2 sds @ 6098-6104' & 6116-22' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 120 shots. RU BJ Services. 2168 psi on well. Frac CP.5/CP1/CP2 sds w/ 80,655#'s of 20/40 sand in 655 bbls of Lightning 17 fluid. Broke @ 2168 psi. Treated w/ ave pressure of 1716 psi w/ ave rate of 27.2 BPM. ISIP 2041 psi. Leave pressure on well. 1680 BWTR. Stage #4 LODC sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 1- 6', 12' perf guns. Set plug @ 5930'. Perforate LODC sds @ 5888-94' & 5864-76' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 72 shots. SWIFN.

**9/20/2008 Day: 3****Completion**

Rigless on 9/19/2008 - Stage #4 LODC sds. RU BJ Services. 1095 psi on well. Frac LODC sds w/ 60,618#'s of 20/40 sand in 544 bbls of Lightning 17 fluid. Broke @ 4100 psi. Treated w/ ave pressure of 2884 psi w/ ave rate of 22.0 BPM. ISIP 3451 psi. Leave pressure on well. 2224 BWTR. Stage #5 A1 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 16' perf gun. Set plug @ 5660'. Perforate A1 sds @ 5544-60' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 64 shots. RU BJ Services. 1955 psi on well. Frac A1 sds w/ 50,355#'s of 20/40 sand in 466 bbls of Lightning 17 fluid. Broke @ 2416 psi. Treated w/ ave pressure of 2193 psi w/ ave rate of 26.0 BPM. ISIP 2376 psi. Leave pressure on well. 2690 BWTR. Stage #6 B2 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 8' perf gun. Set plug @ 5450'. Perforate B2 sds @ 5406-14' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 32 shots. RU BJ Services. 1812 psi on well. Frac B2 sds w/ 35,472#'s of 20/40 sand in 386 bbls of Lightning 17 fluid. Broke @ 2797 psi. Treated w/ ave pressure of 1917 psi w/ ave rate of 20.2 BPM. ISIP 2058 psi. Leave pressure on well. 3076 BWTR. Stage #7 C

**ATTACHMENT G-1**

sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 8' perf gun. Set plug @ 5330'. Perforate C sds @ 5286-94' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 32 shots. RU BJ Services. 1583 psi on well. Frac C sds w/ 34,983#'s of 20/40 sand in 380 bbls of Lightning 17 fluid. Broke @ 4089 psi. Treated w/ ave pressure of 1890 psi w/ ave rate of 25.6 BPM. ISIP 2632 psi. Leave pressure on well. 3456 BWTR. Stage #8 D2 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 10' perf gun. Set plug @ 5200'. Perforate D2 sds @ 5164-74' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 40 shots. RU BJ Services. 1421 psi on well. Frac D2 sds w/ 40,293#'s of 20/40 sand in 412 bbls of Lightning 17 fluid. Broke @ 2604 psi. Treated w/ ave pressure of 1722 psi w/ ave rate of 22.2 BPM. ISIP 2226 psi. Leave pressure on well. 3868 BWTR. Stage #9 PB10 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 6' perf gun. Set plug @ 4900'. Perforate PB10 sds @ 4814-20' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 24 shots. RU BJ Services. 1497 psi on well. Frac PB10 sds w/ 24,266#'s of 20/40 sand in 348 bbls of Lightning 17 fluid. Broke @ 2662 psi. Treated w/ ave pressure of 2195 psi w/ ave rate of 24.1 BPM. ISIP 2317 psi. Leave pressure on well. 4216 BWTR. Stage #10 PB10 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 14', 4' perf guns. Set plug @ 4700'. Perforate GB6 sds @ 4602-16' & 4632-36' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 72 shots. RU BJ Services. 1715 psi on well. Frac GB6 sds w/ 31,811#'s of 20/40 sand in 366 bbls of Lightning 17 fluid. Broke @ 2688 psi. Treated w/ ave pressure of 1819 psi w/ ave rate of 22.4 BPM. ISIP 2064 psi. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 6 hrs & died off. Recovered 700 bbls. SWIFN.

**9/23/2008 Day: 4****Completion**

Leed #712 on 9/22/2008 - MIRU Bleed off well. ND Cameron BOP & 5m frac head. NU 3m production head & Schafer BOP. RIH w/ 4 3/4" chomp bit, bit sub & new 2 7/8" tbg. from pipe rack (tallying & drifting). SWIFN.

**9/24/2008 Day: 5****Completion**

Leed #712 on 9/23/2008 - Bleed off well. Cont. RIH w/ tbg. Tag sand @ 4670'. RU powerswivel & pump. C/O to CBP @ 4700'. DU CBP in 25 min. Cont. RIH w/ tbg. Tag sand @ 4860'. C/O to CBP @ 4900'. DU CBP in 17 min. Cont. RIH w/ tbg. Tag sand @ 5110'. C/O to CBP @ 5200'. Well started flowing oil--filled flat tk. Tie into flowline & let bleed to tks overnight. Heated & transferred oil from flat tk. Gained est 150 BW today. Est 3712 BWTR.

**9/25/2008 Day: 6****Completion**

Leed #712 on 9/24/2008 - Bleed off well--flowing oil. RU & circ well to production tks. Well stays flowing moderately. Con't C/O sd & drill out composite bridge plugs as follows (using conventional circulation): plug @ 5330' in 40 minutes; plug @ 5450' in 45 minutes; plug @ 5660' in 45 minutes; sd @ 5743'. C/O sd to plug @ 5930'. Circ hole clean. Having to stop & transfer oil from flat tk to production tks. Hang back swivel & pull EOT to 5912'. Gained est 250 BW during cleanout. SIFN W/ est 3462 BWTR.

**9/26/2008 Day: 7****Completion**

Leed #712 on 9/25/2008 - Bleed off well--flowing oil. RU & circ well to production

tk. Well stays flowing moderately. Con't C/O sd & drill out composite bridge plugs as follows (using conventional circulation): plug @ 5930' in 42 minutes; sd @ 6036', plug @ 6140' in 32 minutes; no sd, plug @ 6300' in 39 minutes. Con't swivelling jts in hole to tag fill @ 6358'. Drill plug remains & sd to PBD @ 6508'. Circ hole clean. Gained est 200 BTF during cleanout. RD swivel & pull EOT to 6443'. Let well flow to pit for sand cleanup. Rec est 130 BTF in 2 hrs W/ lg tr oil, light gas & no sand. SIFN W/ est 3132 BWTR.

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9/27/2008 Day: 8

Completion

Leed #712 on 9/26/2008 - Bleed well off to production tks while RU HO trk & circ well W/ 200 bbls hot 10# brine wtr. Gained est 200 add'l BW. Monitor well--still flowing small amount f/ both sides. TIH W/ tbg f/ 6443' to tag fill @ 6497' (11' new fill). C/O fill to PBD @ 6508' & circ well clean. Small flow seems manageable. LD excess tbg. TOH W/ 100 jts tbg. Well blew in. Circ well, flowing strong. Strip back in hole W/ tbg. Stopped & re-circulate well 3 times to get EOT to 6400'. RU adjustable choke to tbg. Open to treater on 20/64" choke @ 6:00 PM. Est 2932 BWTR.

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9/30/2008 Day: 9

Completion

Leed #712 on 9/29/2008 - Well flowed est 825 BW & 200 BO over weekend. Tbg dead this AM. Bleed annulus off. RU & circ well W/ 200 bbls 10# brine wtr. Rec est 150 add'l BW & 40 BO during circulation. Well static. TOH W/ tbg f/ 6400'--LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 1 jt tbg, SN, 2 jt tbg, new CDI 5 1/2" TA (45K) & 205 jts 2 7/8 8rd 6.5# J-55 tbg. Well still static. ND BOP. Set TA @ 6306' W/ SN @ 6369' & EOT @ 6402'. Land tbg W/ 16,000# tension. NU wellhead. SIFN W/ est 1957 BWTR.

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10/1/2008 Day: 10

Completion

Leed #712 on 9/30/2008 - Bleed sm amt gas off tbg. RU & pump 60 bbls 10# brine dn tbg (circulated back). PU & TIH W/ pump and "A" grade rod string as follows: new CDI 2 1/2" X 1 3/4" X 20' RHAC pump, 1 5/8" shear cplg (21K), 4-1 1/2" weight rods, 250-7/8" scraped rods (Norris 78 W/ 8 scrapers/rod), 1-8', 1-6' & 1-2' X 7/8" pony rods and 1 1/2" X 26' polished rod. Seat pump & RU pumping unit. Fill tbg W/ 2 BW. Pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 1959 BWTR. Place well on production @ 4:00 PM 9/30/2008 W/ 122" SL @ 5 SPM. FINAL REPORT!!

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

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4552'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 189' balance plug using 22 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 46 sx Class "G" Cement down 5-1/2" casing to 383'

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

## Travis Federal 7-33-8-16

Spud Date: 8/11/08  
 Put on Production: 9/30/08  
 GL: 5675' KB: 5687'

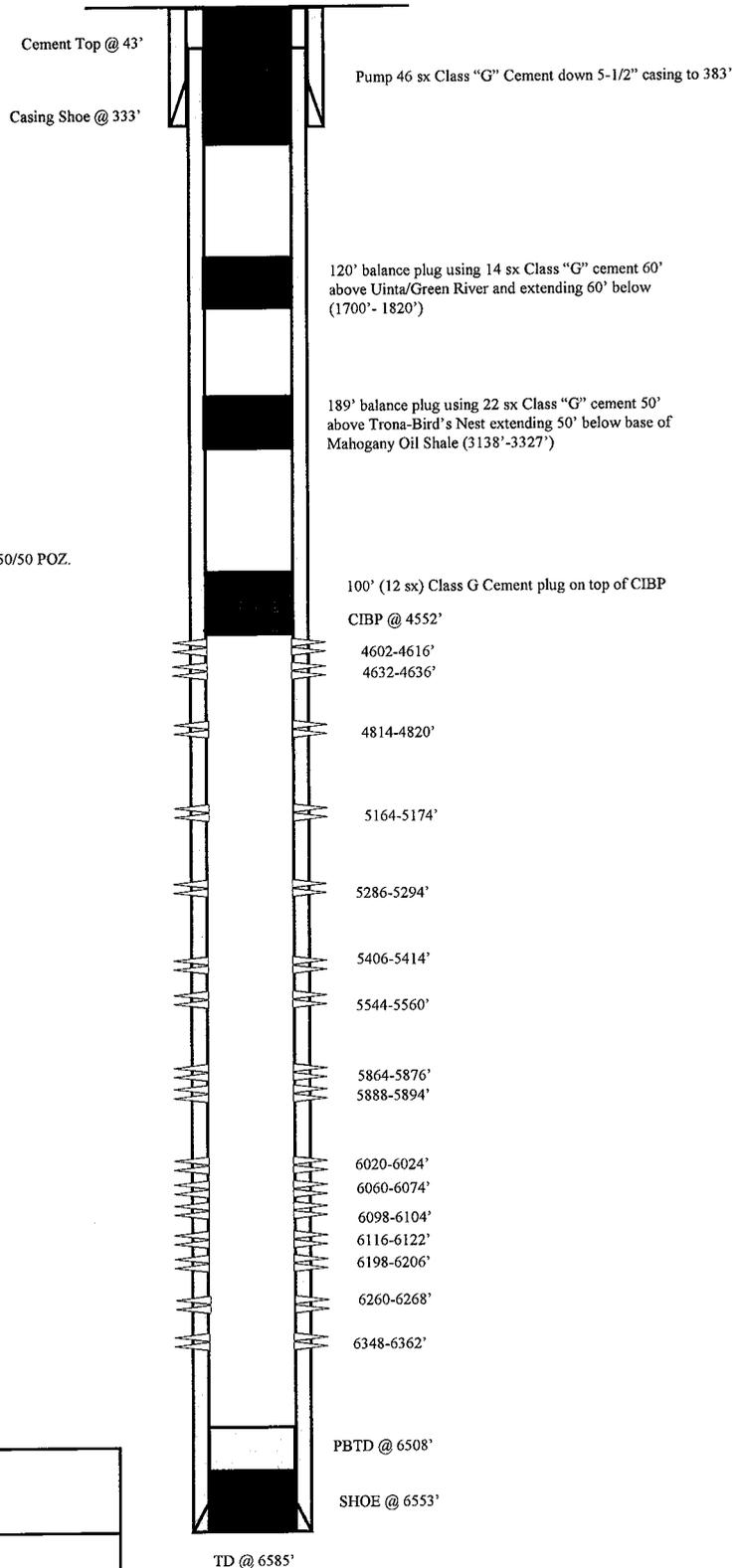
### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (314.42')  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 152 jts. (6553.48')  
 HOLE SIZE: 7-7/8"  
 TOTAL DEPTH: 6585'  
 CEMENT DATA: 350 sk Prem. Lite II mixed & 475 sxs 50/50 POZ.  
 CEMENT TOP AT: 43'

### Proposed P & A Wellbore Diagram



**NEWFIELD**

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**Travis Federal 7-33-8-16**  
 1997' FNL & 1976' FWL  
 SENW Section 33-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-32798; UTU-34173

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

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

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-34173
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address    Route 3 Box 3630 Myton, UT 84052	3b. Phone    (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or GMBU
4. Location of Well    (Footage, Sec., T., R., M., or Survey Description) 1997 FNL 1973 FWL  SWNE Section 33 T8S R16E		8. Well Name and No. TRAVIS FEDERAL 7-33-8-16
		9. API Well No. 4301332798
		10. Field and Pool, or Exploratory Area GREATER MB UNIT
		11. County or Parish, State DUCHESNE, UT

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

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

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

Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Eric Sundberg	Title Regulatory Lead
Signature 	Date 11/18/2010

**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

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-370

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 33 AND 34, TOWNSHIP 8 SOUTH, RANGE 16 EAST, SECTION 15, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 1, 3, AND 14, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Federal 6-33 well located in SE/4 NW/4, Section 33, Township 8 South, Range 16 East  
Travis Federal 7-33-8-16 well located in SE/4 NW/4, Section 33, Township 8 South, Range 16 East  
Monument Butte Federal 4-34(I) well located in NW/4 NW/4, Section 34, Township 8 South, Range 16 East  
Ashley Federal 8-15-9-15 well located in SE/4 NE/4, Section 15, Township 9 South, Range 15 East  
Monument Butte 1-43 well located in NE/4 SE/4, Section 1, Township 9 South, Range 16 East  
Monument Butte 1-34 well located in SW/4 SE/4, Section 1, Township 9 South, Range 16 East  
South Wells Draw 6-3-9-16 well located in SE/4 NW/4, Section 3, Township 9 South, Range 16 East  
South Wells Draw Federal 10-3-9-16 well located in NW/4 SE/4, Section 3, Township 9 South, Range 16 East  
Jonah Federal 10-14-9-16 well located in NW/4 SE/4, Section 14, Township 9 South, Range 16 East

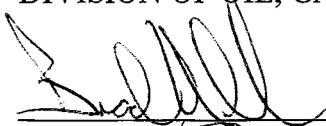
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

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

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

Dated this 13th day of December, 2010.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING



Brad Hill  
Permitting Manager

**Newfield Production Company**

**FEDERAL 6-33, TRAVIS FEDERAL 7-33-8-16,  
MONUMENT BUTTE FEDERAL 4-34(I), ASHLEY FEDERAL 8-15-9-15,  
MONUMENT BUTTE 1-43, MONUMENT BUTTE 1-34,  
SOUTH WELLS DRAW 6-3-9-16, SOUTH WELLS DRAW FEDERAL 10-3-9-16,  
JONAH FEDERAL 10-14-9-16.**

**Cause No. UIC-370**

Publication Notices were sent to the following:

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

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

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

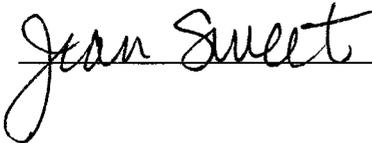
Vernal Office  
Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078

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

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

SITLA  
675 East 500 South  
Salt Lake City, UT 84102-2818

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

  
\_\_\_\_\_

**Jean Sweet - Re: Notice of Agency Action Newfield Cause UIC-370**

---

**From:** Cindy Kleinfelter <classifieds@ubstandard.com>  
**To:** Jean Sweet <jsweet@utah.gov>  
**Date:** 12/15/2010 1:44 PM  
**Subject:** Re: Notice of Agency Action Newfield Cause UIC-370

---

On 12/14/2010 12:43 PM, Jean Sweet wrote:

To Whom It May Concern:

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

Please send proof of publication and billing to:

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

Sincerely,

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

This notice will be published Dec. 21. Thank you.  
Cindy



GARY R. HERBERT  
*Governor*

GREGORY S. BELL  
*Lieutenant Governor*

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

December 14, 2010

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

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-370

To Whom It May Concern:

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

Please send proof of publication and billing to:

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

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure

**Jean Sweet - RE: Notice of Agency Action Newfield Cause UIC-370**

---

**From:** "NAC Legal" <naclegal@mediaoneutah.com>  
**To:** "Jean Sweet" <jsweet@utah.gov>  
**Date:** 12/14/2010 2:43 PM  
**Subject:** RE: Notice of Agency Action Newfield Cause UIC-370

---

Ad #647204 is scheduled to run December 18 in Salt Lake Tribune, Deseret News and Online utahlegals.com .

Total charge is \$250.28. Please check the ad in the papers.

Thank you,

Lynn Valdez

MediaOne of Utah,

a Newspaper Agency Company

4770 South 5600 West

West Valley City, Utah 84118

Ph.: 801-204-6245

Email: naclegal@mediaoneutah.com

---

**From:** Jean Sweet [mailto:jsweet@utah.gov]  
**Sent:** Tuesday, December 14, 2010 12:46 PM  
**To:** naclegal@mediaoneutah.com  
**Subject:** Notice of Agency Action Newfield Cause UIC-370



GARY R. HERBERT  
*Governor*

GREGORY S. BELL  
*Lieutenant Governor*

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

December 14, 2010

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

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

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-370

To Whom It May Concern:

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

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

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

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure



PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING,  1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	12/20/2010

BEFORE THE DIVISION OF OIL, GAS AND MINING  
 DEPARTMENT OF NATURAL RESOURCES  
 STATE OF UTAH  
 NOTICE OF AGENCY ACTION  
 CAUSE NO. UIC-370

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 33 AND 34, TOWNSHIP SOUTH, RANGE 16 EAST, SECTION 15, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 1, 3, AND 14, TOWNSHIP SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

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- Greater Monument Butte Unit: Federal 6-33 well located in SE/4 NW/4, Section 33, Township 8 South, Range 16 East
- Travis Federal 7-33-8-16 well located in SE/4 NW/4, Section 33, Township 8 South, Range 16 East
- Monument Butte Federal 4-34(1) well located in NW/4 NW Section 34, Township 8 South, Range 16 East
- Ashley Federal 8-15-9-15 well located in SE/4 NE/4, Section 15, Township 9 South, Range 15 East
- Monument Butte 1-43 well located in NE/4 SE/4, Section Township 9 South, Range 16 East
- Monument Butte 1-34 well located in SW/4 SE/4, Section Township 9 South, Range 16 East
- South Wells Draw 6-3-9-16 well located in SE/4 NW/4, Section 3, Township 9 South, Range 16 East
- South Wells Draw Federal 10-3-9-16 well located in NW SE/4, Section 3, Township 9 South, Range 16 East
- Jonah Federal 10-14-9-16 well located in NW/4 SE/4, Section 14, Township 9 South, Range 16 East

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

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

Dated this 13th day of December, 2010.

STATE OF UTAH  
 DIVISION OF OIL, GAS & MINING  
 s/ Brad Hill  
 Brad Hill  
 Permitting Manager

647204

UPAX

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	AD ORDER# / INVOICE NUMBER
8015385340	0000647204 /
SCHEDULE	
Start 12/18/2010	End 12/18/2010
CUST. REF. NO.	
Newfield	
CAPTION	
DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF A	
SIZE	
73 Lines	2.00 COLUMN
TIMES	RATE
4	
MISC. CHARGES	AD CHARGES
TOTAL COST	
250.28	

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-370 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINITELY.

Start 12/18/2010

End 12/18/2010

PUBLISHED ON

SIGNATURE

*Sally Taylor*

12/20/2010

VIRGINIA CRAFT  
 Permitting Manager, State of Utah  
 P.O. Box 145801, Salt Lake City, UT 84114-5801  
 My Commission Expires  
 January 12, 2014

*Virginia Craft*

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

# AFFIDAVIT OF PUBLICATION

County of Duchesne,  
STATE OF UTAH

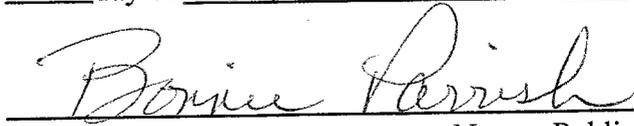
I, Geoff Liesik on oath, say that I am the EDITOR of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 21 day of December, 20 10, and that the last publication of such notice was in the issue of such newspaper dated the 21 day of December, 20 10, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.



Editor

Subscribed and sworn to before me this

22 day of December, 20 10



Notary Public



**BEFORE THE  
DIVISION OF  
OIL, GAS AND  
MINING  
DEPARTMENT  
OF NATURAL  
RESOURCES  
STATE OF  
UTAH  
NOTICE OF  
AGENCY  
ACTION  
CAUSE NO.  
UIC-370**

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 33 AND 34, TOWNSHIP 8 SOUTH, RANGE 16 EAST, SECTION 15, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 1, 3, AND 14, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Federal 6-33 well located in SE/4 NW/4, Section 33, Township 8 South, Range 16 East

Travis Federal 7-33-8-16 well located in SE/4 NW/4, Section 33, Town-

ship 8 South, Range 16 East  
Monument Butte Federal 4-34(1) well located in NW/4 NW/4, Section 34, Township 8 South, Range 16 East  
Ashley Federal 8-15-9-15 well located in SE/4 NE/4, Section 15, Township 9 South, Range 15 East  
Monument Butte 1-43 well located in NE/4 SE/4, Section 1, Township 9 South, Range 16 East  
Monument Butte 1-34 well located in SW/4 SE/4, Section 1, Township 9 South, Range 16 East  
South Wells Draw 6-3-9-16 well located in SE/4 NW/4, Section 3, Township 9 South, Range 16 East  
South Wells Draw Federal 10-3-9-16 well located in NW/4 SE/4, Section 3, Township 9 South, Range 16 East  
Jonah Federal 10-14-9-16 well located in NW/4 SE/4, Section 14, Township 9 South, Range 16 East

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

Selected zones in the Green River Formation will be used for water

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to return

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

**Applicant:** Newfield Production Company      **Well:** Travis Federal 7-33-8-16

**Location:** 33/8S/16E      **API:** 43-013-32798

**Ownership Issues:** The proposed well is located on BLM land and is within the Greater Monument Butte Unit. The well is directionally drilled, with a bottom hole location approximately 1,350 feet east of the surface location. The area of review (AOR) consists of the combined areas of two largely overlapping circles, each of a half-mile radius. One circle centers on the surface location, and the other centers on the bottom hole location. Lands in the AOR are administered by the BLM and the State of Utah. The Federal Government and the State of Utah are the mineral owners within the AOR. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the AOR. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

**Well Integrity:** Inasmuch as the well is directionally drilled, the measured depths are not equal to the true vertical depths. The measured total depth of the well is 6,585 feet versus a true vertical depth of 6,403 feet. The depths expressed here are in terms of measured depth. The proposed well has surface casing set at 333 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,553 feet. A cement bond log demonstrates adequate bond in this well up to 3,468 feet. A 2 7/8 inch tubing with a packer will be set at 4,552 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. On the basis of surface locations, within the combined AOR, there are 8 producing wells, 1 shut-in well and 7 injection wells. Additionally, there are 2 producing wells which have been directionally drilled from surface locations outside the AOR to bottom hole locations inside the AOR. All of the existing wells have evidence of adequate casing and cement.

**Ground Water Protection:** As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 500 feet. Injection shall be limited to the interval between 4,381 feet and 6,508 feet (measured depth) in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 7-33-8-16 well is 0.77 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,002 psig. The requested maximum pressure is 2,002 psig. We intend to permit this well at a maximum pressure of 2,000 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not

**Travis Federal 7-33-8-16**

**page 2**

initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

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

**Bonding:** Bonded with the BLM

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

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

Reviewer(s): Mark Reinbold Date 3/2/2011



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

March 3, 2011

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

Subject: Greater Monument Butte Unit Well: Travis Federal 7-33-8-16, Section 33, Township 8 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-32798

Gentlemen:

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

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

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

Sincerely,

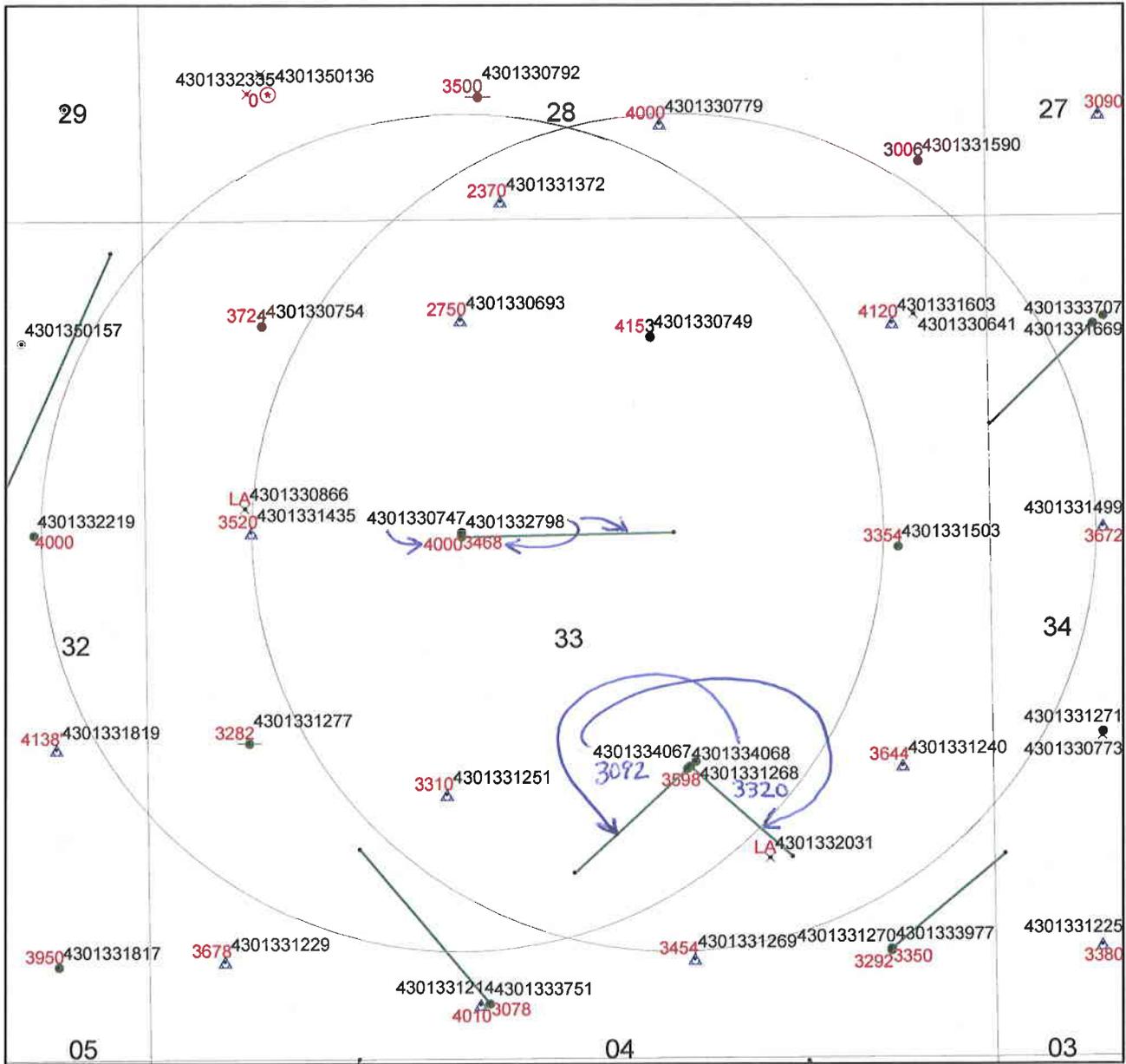
John Rogers  
Associate Director

JR/MLR/js

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

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





# TRAVIS FEDERAL 7-33-8-16

## API #43-013-32798

UIC-370.2

### Legend

- |   |                                     |
|---|-------------------------------------|
| Buffer_of_SGID93_ENERGY_DNROilGasWells_HDBottom | PRODUCING GAS                       |
| Buffer_of_SGID93_ENERGY_DNROilGasWells_45       | PRODUCING OIL                       |
| Wells-CbitopsMaster11_24_10                     | SHUT-IN GAS                         |
| SGID93 BOUNDARIES Counties                      | SHUT-IN OIL                         |
| GAS INJECTION                                   | TEMP. ABANDONED                     |
| TW  | TEST WELL                           |
| TA  | WATER INJECTION                     |
| OPS   | WATER SUPPLY                        |
| GS  | WATER DISPOSAL                      |
| APD   | DRILLING                            |
| PA  | RETURNED GAS                        |
| LA  | RETURNED OIL                        |
| GAS STORAGE                                     | GAS INJECTION SI                    |
| LOCATION ABANDONED                              | WATER DISP. SUSP.                   |
| NEW LOCATION                                    | WATER INJ. SUSP.                    |
| PLUGGED & ABANDONED                             | Sections                            |
|   | SGID93 ENERGY.DNROilGasWells_HDPath |

0 0.36 Miles

1870calc = approx cement top calculated from well completion report



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>  5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-34173
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: TRAVIS FED 7-33-8-16	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013327980000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1997 FNL 1976 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 33 Township: 08.0S Range: 16.0E Meridian: S		COUNTY: DUCHESNE  STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input checked="" type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input checked="" type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/20/2013			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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

The subject well has been converted from a producing oil well to an injection well on 08/19/2013. On 08/20/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/20/2013 the casing was pressured up to 1480 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was not a State representative available to witness the test.

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

**Date:** September 18, 2013

**By:**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 8/22/2013	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

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

Witness: \_\_\_\_\_ Date 8/20/13 Time 9:00  am  pm

Test Conducted by: Britt Jensen

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

Well: Travis Federal 7-33-8-16 Field: OMBU  
Well Location: SE/NW Sec. 33, T8S, R16E API No: 43-013-32798

Conversion MIT

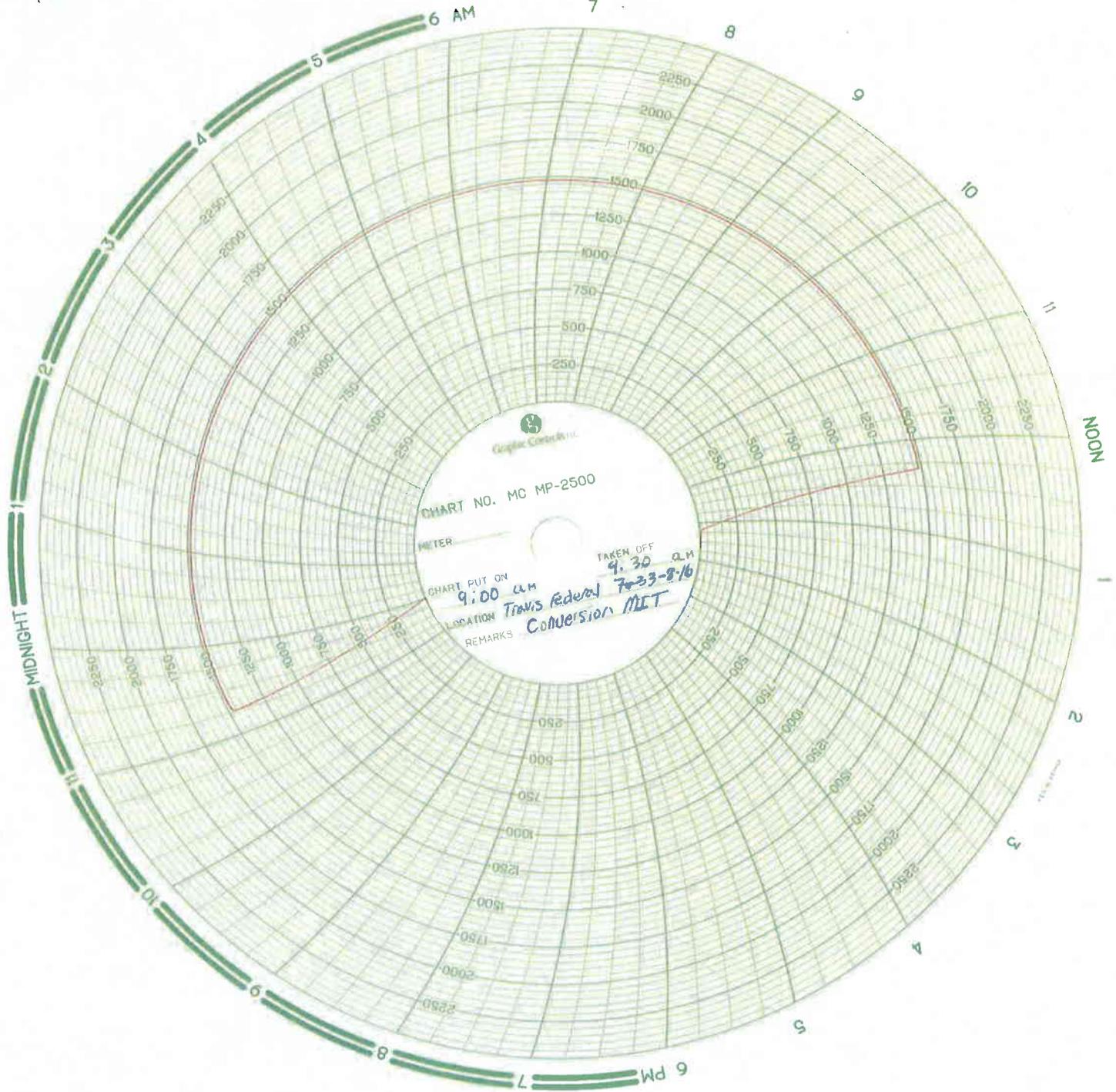
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1480</u>	psig
5	<u>1480</u>	psig
10	<u>1480</u>	psig
15	<u>1480</u>	psig
20	<u>1480</u>	psig
25	<u>1480</u>	psig
30 min	<u>1480</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 200 psig

Result: Pass Fail

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

Signature of Person Conducting Test: [Signature]



## Daily Activity Report

Format For Sundry

**TRAVIS 7-33-8-16**

**6/1/2013 To 10/30/2013**

**8/19/2013 Day: 1**

**Conversion**

WWS #5 on 8/19/2013 - MIRU, pump 60 bbls H2O down CSG remove head and unseat pump  
- MIRU, pump 60 bbls H2O down CSG remove head and unseat pump 14000over string Wt  
flush rods W/40 BBLs H2O fill and test TBG to 3000psi ok. LD 1 1/2x 30 polish rods 1-6' 1-4'  
2.2'7/8 8 per 4-1/2 Wt bars LD 2 1/2X 1 3/4 X 20 rods coi pump, stopped once & flushed W/  
25 BBLs H2O ND wellhead TAC not set, strip on 5000# bop ru floor & tbg works CWI @5:00. -  
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TOOH Breaking every connection W/147 jts 2 7/8 TBG LD 61 jts LD 51/2 B-2 TAC PSN & NC  
stopped once and flushed W/ 30 BBLs H2O PU & TIH W/ reentry guide Xn nipple 4' sub X-over  
arrow set pkr on/off tool psn & 147 jts 2 7//8 TBG pump 10 bbls pad circ sv to psn test tbg to  
3000psi leave over weekend SWDFN @ 5:30 - TOOH Breaking every connection W/147 jts 2  
7/8 TBG LD 61 jts LD 51/2 B-2 TAC PSN & NC stopped once and flushed W/ 30 BBLs H2O PU  
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**Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$17,062

**8/20/2013 Day: 3**

**Conversion**

WWS #5 on 8/20/2013 - CK pressure on tbg 1100psi bump back up to 3000psi for 30 minutes ok, - CK pressure on tbg 1100psi bump back up to 3000psi for 30 minutes ok, RU & RIH W/ sandline RET Sv POOH & Rack out sandline. RD floor & TBG works. Strip off #5000 bops land TBG W/B-1 adapter flange, pump 60 bbls fresh H2O & packer fluid set 5 1/2 arrow set packer W/ 15000 tension @ 4537 psn @ 4531 EOT @ 4548 land tbg W/ B-1 adaptor NU wellhead, test W/ B-1 Adpator NU wellhead, test CSG & pkr to 1400psi for 30 minutes, good test, RDMO - CK pressure on tbg 1100psi bump back up to 3000psi for 30 minutes ok, RU & RIH W/ sandline RET Sv POOH & Rack out sandline. RD floor & TBG works. Strip off #5000 bops land TBG W/B-1 adapter flange, pump 60 bbls fresh H2O & packer fluid set 5 1/2 arrow set packer W/ 15000 tension @ 4537 psn @ 4531 EOT @ 4548 land tbg W/ B-1 adaptor NU wellhead, test W/ B-1 Adpator NU wellhead, test CSG & pkr to 1400psi for 30 minutes, good test, RDMO - CK pressure on tbg 1100psi bump back up to 3000psi for 30 minutes ok, RU & RIH W/ sandline RET Sv POOH & Rack out sandline. RD floor & TBG works. Strip off #5000 bops land TBG W/B-1 adapter flange, pump 60 bbls fresh H2O & packer fluid set 5 1/2 arrow set packer W/ 15000 tension @ 4537 psn @ 4531 EOT @ 4548 land tbg W/ B-1 adaptor NU wellhead, test W/ B-1 Adpator NU wellhead, test CSG & pkr to 1400psi for 30 minutes, good test, RDMO - CK pressure on tbg 1100psi bump back up to 3000psi for 30 minutes ok, RU & RIH W/ sandline RET Sv POOH & Rack out sandline. RD floor & TBG works. Strip off #5000 bops land TBG W/B-1 adapter flange, pump 60 bbls fresh H2O & packer fluid set 5 1/2 arrow set packer W/ 15000 tension @ 4537 psn @ 4531 EOT @ 4548 land tbg W/ B-1 adaptor NU wellhead, test W/ B-1 Adpator NU wellhead, test CSG & pkr to 1400psi for 30 minutes, good test, RDMO

**Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$27,781

**8/21/2013 Day: 4**

**Conversion**

Rigless on 8/21/2013 - Conduct initial MIT - On 08/20/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/20/2013 the casing was pressured up to 1480 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was not a State representative available to witness the test. - On 08/20/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/20/2013 the casing was pressured up to 1480 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure

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**Daily Cost:** \$0

**Cumulative Cost:** \$59,993

**Pertinent Files: Go to File List**

Spud Date: 8/11/08  
 Put on Production: 9/30/08  
 GL: 5675' KB: 5687'

# Travis Federal 7-33-8-16

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (314.42')  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

### PRODUCTION CASING

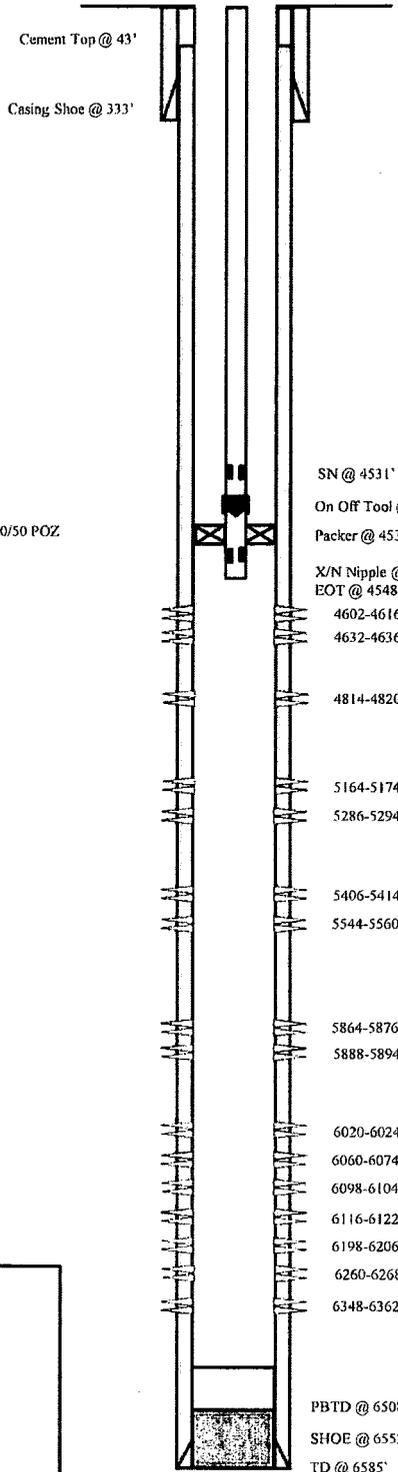
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 152 jts. (6553.48')  
 HOLE SIZE: 7-7/8"  
 TOTAL DEPTH: 6585'  
 CEMENT DATA: 350 sk Prem Lite II mixed & 475 sxs 50/50 POZ  
 CEMENT TOP AT: 43'

### TUBING

SIZE/GRADE/WT: 2-7/8" J-55 / 6.5#  
 NO OF JOINTS: 147 jts. (4519')  
 SEATING NIPPLE: 2-7/8" (1 10')  
 SN LANDED AT: 4531' KB  
 ON/OFF TOOL AT: 4532.1'  
 ARROW #1 PACKER CE AT: 4537.4'  
 XO 2-3/8 x 2-7/8 J-55 AT: 4541.5'  
 TBG PUP 2-3/8 J-55 AT: 4542.1'  
 X/N NIPPLE AT: 4546.2'  
 TOTAL STRING LENGTH: EOT @ 4547.72'

### Injection

### Wellbore Diagram



### FRAC JOB

9/18/08	6348-6362'	Frac CP5 sands as follows: Frac with 29930 #'s of 20/40 sand in 433 bbls Lightning 17 fluid. Treat at an ave pressure of 2290 psi @ 22.3 BPM ISIP 2251 psi
9/18/08	6198-6268'	Frac CP3/CP4 sands as follows: Frac with 41069 #'s of 20/40 sand in 437 bbls Lightning 17 fluid. Treat at an ave pressure 2043 psi @ 22.3 BPM ISIP 2281 psi
9/18/08	6020-6122'	Frac CP.5/CP1/CP2 sands as follows: Frac with 80655 #'s of 20/40 sand in 655 bbls Lightning 17 fluid. Treat at an ave pressure of 1716 psi @ 22.7 BPM ISIP 2041 psi
9/19/08	5864-5894'	Frac L0DC sands as follows: Frac with 60618 #'s of 20/40 sand in 544 bbls Lightning 17 fluid. Treat at an ave pressure of 2884 psi @ 22.0 BPM ISIP 3451 psi
9/19/08	5544-5560'	Frac A1 sands as follows: Frac with 50355 #'s 20/40 sand in 466 bbls Lightning 17 fluid. Treat at an ave pressure of 2193 psi @ 26.0 BPM ISIP 2.376 psi
9/19/08	5406-5414'	Frac B2 sands as follows: Frac with 35472 #'s 20/40 sand in 386 bbls Lightning 17 fluid. Treat at an ave pressure of 1917 psi @ 20.2 BPM ISIP 2058 psi
9/19/08	5286-5294'	Frac C sands as follows: Frac with 34983 #'s 20/40 sand in 380 bbls Lightning 17 fluid. Treat at an ave pressure of 1890 psi @ 25.6 BPM ISIP 2.632 psi
9/19/08	5164-5174'	Frac D2 sands as follows: Frac with 40293 #'s 20/40 sand in 412 bbls Lightning 17 fluid. Treat at an ave pressure of 1722 psi @ 22.2 BPM ISIP 2.226 psi
9/19/08	4814-4820'	Frac PB10 sands as follows: Frac with 24266 #'s 20/40 sand in 348 bbls Lightning 17 fluid. Treat at an ave pressure of 2195 psi @ 24.1 BPM ISIP 2.317 psi
9/19/08	4602-4636'	Frac GB6 sands as follows: Frac with 31811 #'s 20/40 sand in 366 bbls Lightning 17 fluid. Treat at an ave pressure of 1819 psi @ 22.4 BPM ISIP 2.064 psi
05/03/11		Pump Change Rod & tubing updated
01/30/12		Pump Change Rod & tubing updated
2/8/12		Pump Change Rod & tubing updated
08/19/13		Convert to Injection Well
08/20/13		Conversion MIT Finalized - update tbj detail

### PERFORATION RECORD

4602-4616'	4 JSPF	56 holes
4632-4636'	4 JSPF	16 holes
4814-4820'	4 JSPF	24 holes
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5544-5560'	4 JSPF	64 holes
5864-5876'	4 JSPF	48 holes
5888-5894'	4 JSPF	24 holes
6020-6024'	4 JSPF	16 holes
6060-6074'	4 JSPF	56 holes
6098-6104'	4 JSPF	24 holes
6116-6122'	4 JSPF	24 holes
6198-6206'	4 JSPF	320 holes
6260-6268'	4 JSPF	322 holes
6348-6362'	4 JSPF	56 holes



**NEWFIELD**

Travis Federal 7-33-8-16  
 1997' FNL & 1976' FWL  
 SENW Section 33-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-32798; UТУ-34173



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT

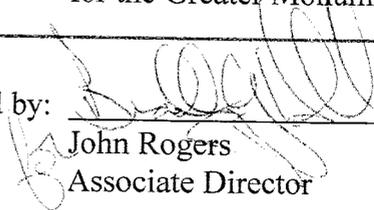
Cause No. UIC-370

**Operator:** Newfield Production Company  
**Well:** Travis Federal 7-33-8-16  
**Location:** Section 33, Township 8 South, Range 16 East  
**County:** Duchesne  
**API No.:** 43-013-32798  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on March 3, 2011.
2. Maximum Allowable Injection Pressure: 2,000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,381' – 6,508')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

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

  
John Rogers  
Associate Director

02-25-13  
Date

JR/MLR/js

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

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



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-34173
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: TRAVIS FED 7-33-8-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013327980000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1997 FNL 1976 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 33 Township: 08.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE  COUNTY: DUCHESNE  STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/27/2013  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input checked="" type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input checked="" type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>

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

The above reference well was put on injection at 11:00 AM on  
09/27/2013.

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
**FOR RECORD ONLY**  
October 07, 2013

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/4/2013	

Spud Date: 8/11/08  
 Put on Production: 9/30/08  
 GL: 5675' KB: 5687'

# Travis Federal 7-33-8-16

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 DEPTH LANDED: 326.27'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

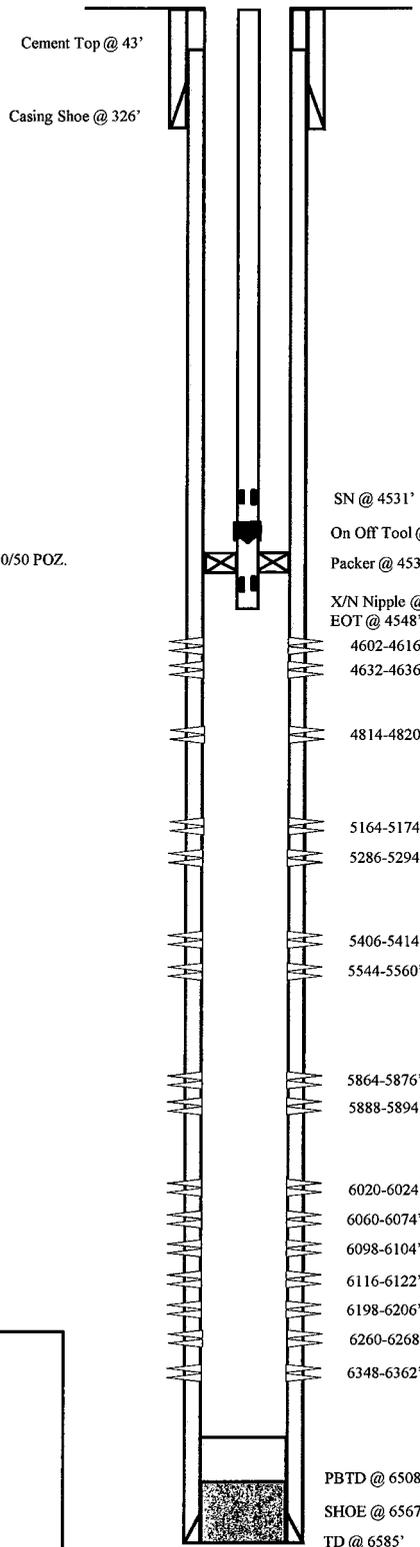
## PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 152 jts. (6566.73')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 6566.73'  
 CEMENT DATA: 350 sk Prem. Lite II mixed & 475 sxs 50/50 POZ.  
 CEMENT TOP AT: 43'

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 147 jts (4519')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4531' KB  
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05/03/11		<b>Pump Change Rod &amp; tubing updated.</b>
01/30/12		<b>Pump Change. Rod &amp; tubing updated</b>
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