

# NEWFIELD



Route #3 Box 3630  
Myton, Utah 84052  
(435) 646-4825, FAX: (435) 646-3031

June 21, 2007

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  
**Travis Federal J-33-8-16**  
**West Point Federal J-7-9-16**  
**West Point Federal M-7-9-16**  
**West Point Federal I-7-9-16**

**West Point Federal N-7-9-16**  
**Pleasant Valley Federal B-8-9-17**  
**Beluga Federal C-17-9-17**

Dear Diana:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Dave Allred or myself a call.

Sincerely,

Mandie Crozier  
Regulatory Specialist

mc  
enclosures

**RECEIVED**

**JUN 29 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 Unit
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 J-33-8-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/NW 681' FNL 659' FWL Sec. 34, T8S R16E At proposed prod. zone NE/NE 1319' FNL 0' FEL Sec. 33, T8S R16E		9. API Well No. 43-013-33707
14. Distance in miles and direction from nearest town or post office* Approximatley 12.1 miles southwest of Myton, Utah		10. Field and Pool, or Exploratory Monument Butte 107
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 0' f/lsq, 1321' f/unit	16. No. of Acres in lease 320.00	11. Sec., T., R., M., or Blk. and Survey or Area 4 Sec. 30, T8S R16E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1377'	19. Proposed Depth 6500'	12. County or Parish Duchesne
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5563' GL	22. Approximate date work will start* 3rd Quarter 2007	13. State UT
23. Estimated duration Approximately seven (7) days from spud to rig release.		

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 6/21/07
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 07-12-07
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)

Surv  
575717X  
44362804  
40.079735  
-110.111957

Federal Approval of this  
Action is Necessary

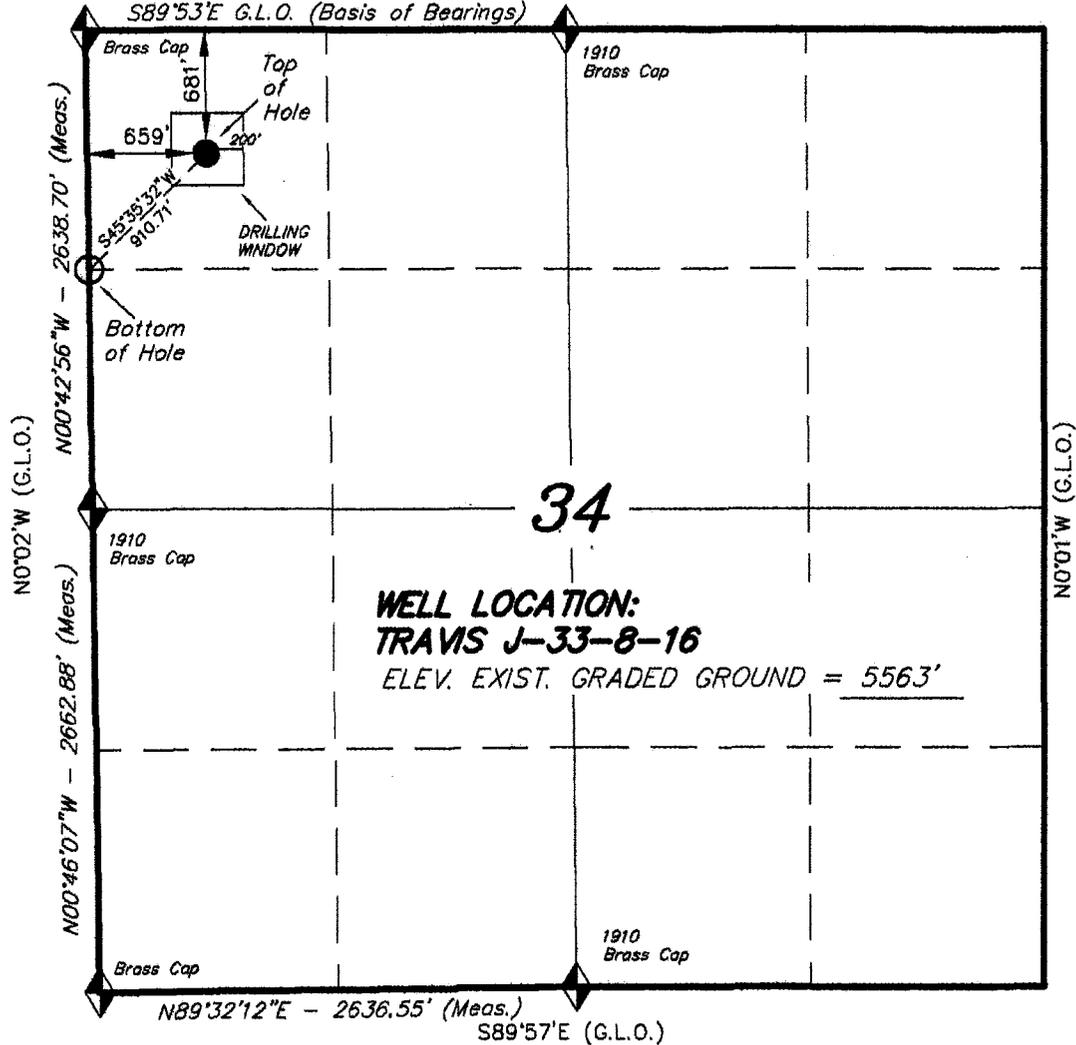
BAL  
575522X  
44365571  
40.07806  
-110.11427

RECEIVED  
JUN 29 2007  
DIV. OF OIL, GAS & MINING

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

N89°53'W - 80.18 (G.L.O.)

2651.08' (Measured)  
S89°53'E G.L.O. (Basis of Bearings)



## NEWFIELD PRODUCTION COMPANY

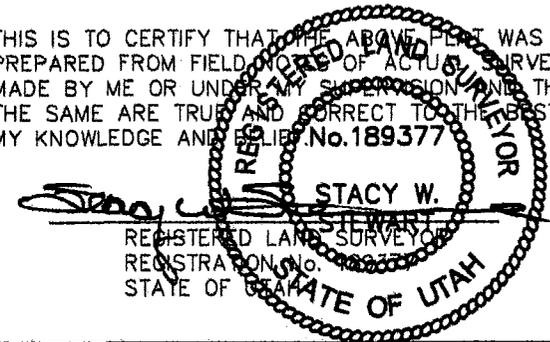
WELL LOCATION, TRAVIS J-33-8-16,  
LOCATED AS SHOWN IN THE NW 1/4 NW  
1/4 OF SECTION 34, T8S, R16E,  
S.L.B.&M. DUCHESNE COUNTY, UTAH.



**Note:**

The bottom of hole Footages are  
1319' FNL & 0' FEL.

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



◆ = SECTION CORNERS LOCATED

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

TRAVIS J-33-8-16  
(Surface Location) NAD 83  
LATITUDE = 40° 04' 47.42"  
LONGITUDE = 110° 06' 45.59"

### TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 04-13-07	SURVEYED BY: K.G.S.
DATE DRAWN: 04-26-07	DRAWN BY: T.C.J.
REVISED: 06-27-07 F.T.M.	SCALE: 1" = 1000'

**NEWFIELD PRODUCTION COMPANY**  
**TRAVIS FEDERAL #J-33-8-16**  
**AT SURFACE: NW/NW SECTION 34, T8S, R16E**  
**PROPOSED ZONE: NE/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' – 2355'
Green River	2355'
Wasatch	6500'

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

Green River Formation 2355' – 6500' - Oil

**4. PROPOSED CASING PROGRAM**

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

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

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

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

Please refer to the Monument Butte Field SOP.

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

Please refer to the Monument Butte Field SOP.

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

Please refer to the Monument Butte Field SOP.

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

The anticipated maximum bottom hole pressure is 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 #J-33-8-16**  
**AT SURFACE: NW/NW SECTION 34, T8S, R16E**  
**AT PROPOSED ZONE: NE/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 #J-33-8-16 located in the NW 1/4 NW 1/4 Section 34, T8S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles ± to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 6.4 miles ± to it's junction with an existing dirt road to the southwest; proceed southwesterly - 3.6 miles ± to it's junction with an existing road to the northwest; proceed northwesterly - 0.4 miles ± to it's junction with an existing road to the northeast; proceed northeasterly - 460' ± to the existing Mon. Butte Federal 4-34 well location.

**2. PLANNED ACCESS ROAD**

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Mon. Butte Federal 4-34 well pad. See attached **Topographic Map "B"**.

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

The proposed well will be drilled directionally off of the Mon. Butte Federal 4-34 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Travis Federal J-33-8-16. All permanent surface equipment will be painted Carlsbad Canyon.

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**

The proposed Travis Federal J-33-8-16 will be drilled off of the existing Mon. Butte Federal 4-34 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**

Newfield Production Company requests 1,440' of disturbed area be granted in Lease UTU-62848 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. Refer to Topographic Map "C." For a ROW plan of development, please refer to the Monument Butte Field SOP.

The Archaeological Resource Survey and Paleontological Resource Survey for the 1,440' of proposed water pipeline will be forthcoming.

**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**

**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.

**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 March 1 and May 15. If the nest remains inactive on May 15th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location between May 15 and March 1 of the following year. If the nest site becomes active prior to May 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 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

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

Shadscale	<i>Atriplex Centertifolia</i>	6 lbs/acre
Galletta Grass	<i>Hilaria Jamesii</i>	6 lbs/acre

**Details of the On-Site Inspection**

The proposed Travis Federal #J-33-8-16 was on-sited on 6/13/07. The following were present; Dave Allred (Newfield Production), Chuck MacDonald (Bureau of Land Management), and Brandon McDonald (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% 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

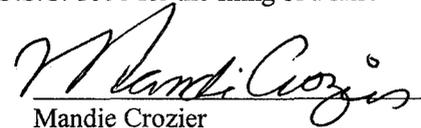
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #J-33-8-16 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 US Specialty Insurance #B001832.

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.

6/21/07

Date



Mandie Crozier  
Regulatory Specialist  
Newfield Production Company



**Scientific Drilling**  
Rocky Mountain Operations

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

**Newfield Exploration Co.**

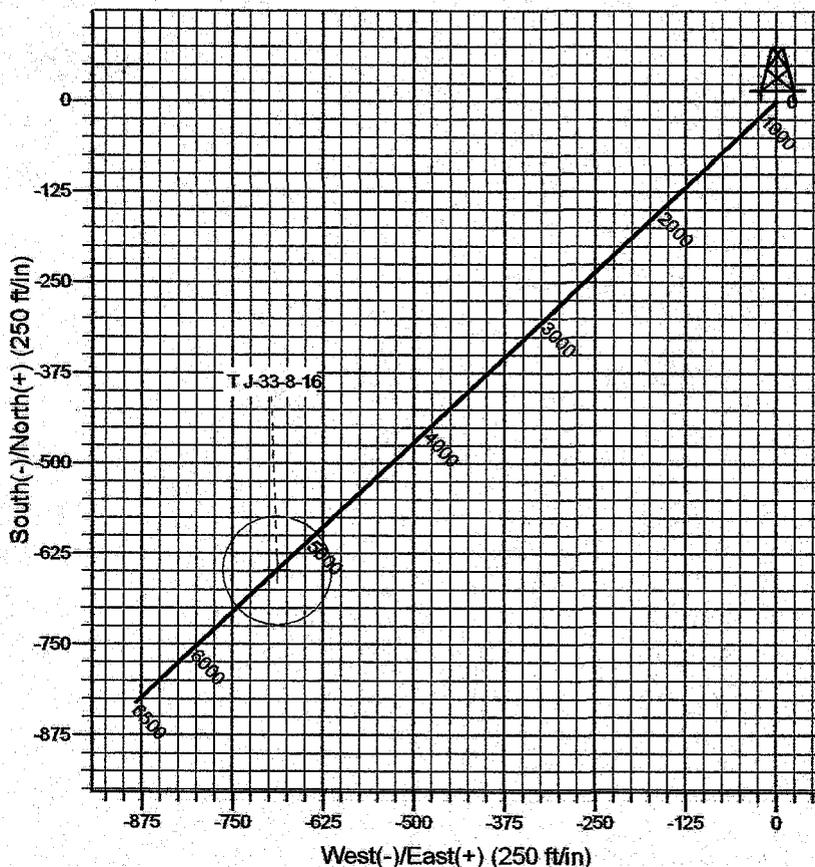
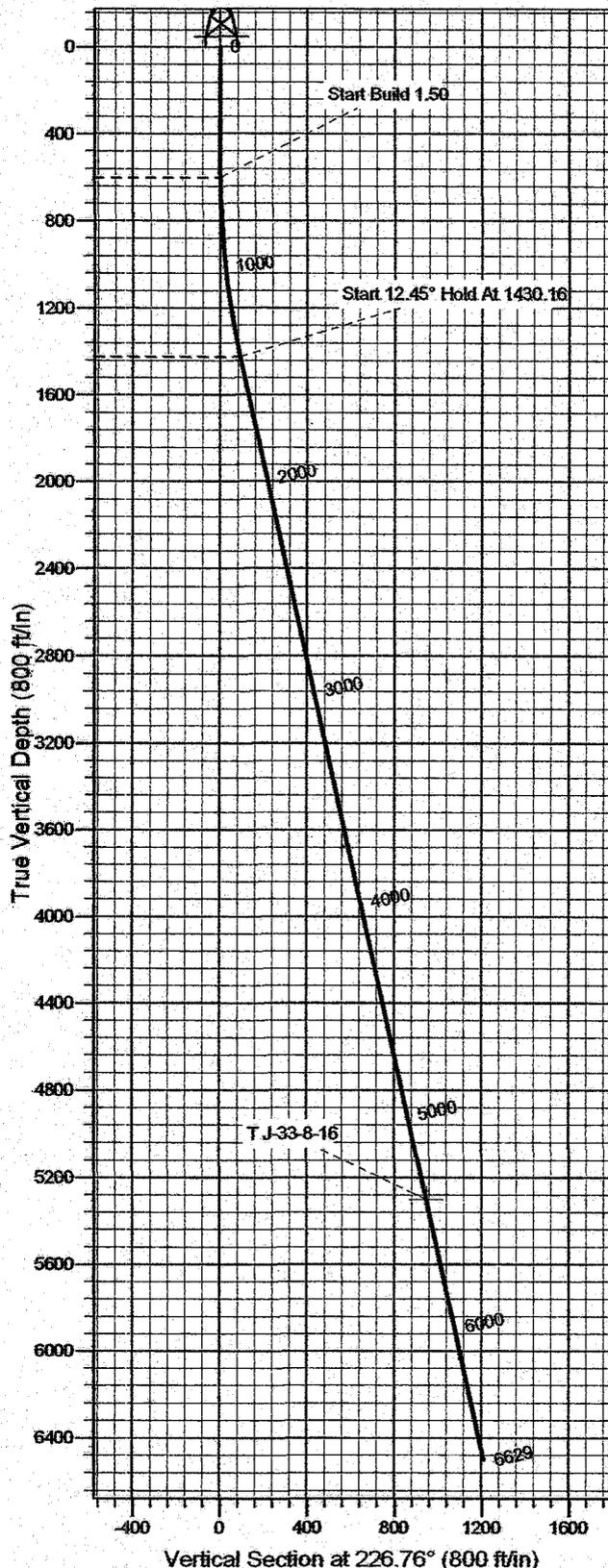


Azimuths to True North  
Magnetic North: 11.84°

Magnetic Field  
Strength: 52698.7nT  
Dip Angle: 65.92°  
Date: 2007-06-12  
Model: IGRF2005-10

WELL DETAILS: Travis J-33-8-16

GL 5563' & RKB 12' @ 5575.00ft (NDSI 2)  
+N/-S +E/-W Northing Easting Latitude Longitude Slot  
0.00 0.00 7200830.21 2028596.63 40° 4' 47.420 N 110° 6' 45.590 W



FORMATION TOP DETAILS

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

Created By: Rex Hall Date: 2007-06-12

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: True

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	
	31430.16	12.45	226.76	1423.64	-61.56	-65.46	1.50	226.76	89.86	
	45399.91	12.45	226.76	5300.00	-648.00	-689.00	0.00	0.00	945.85	T J-33-8-16
	55628.82	12.45	226.76	6500.00	-829.54	-882.03	0.00	0.00	1210.83	

# **Newfield Exploration Co.**

**Duchesne County, UT**

**Travis J-33-8-16**

**Travis J-33-8-16**

**OH**

**Plan: Plan #1**

## **Standard Planning Report**

**12 June, 2007**

# Scientific Drilling Planning Report

<b>Database:</b> MultiUserEDM	<b>Local Co-ordinate Reference:</b> Well Travis J-33-8-16	
<b>Company:</b> Newfield Exploration Co.	<b>TVD Reference:</b> GL 5563' & RKB 12' @ 5575.00ft (NDSI 2)	
<b>Project:</b> Duchesne County, UT	<b>MD Reference:</b> GL 5563' & RKB 12' @ 5575.00ft (NDSI 2)	
<b>Site:</b> Travis J-33-8-16	<b>North Reference:</b> True	
<b>Well:</b> Travis J-33-8-16	<b>Survey Calculation Method:</b> Minimum Curvature	
<b>Wellbore:</b> OH		
<b>Design:</b> Plan #1		

<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 J-33-8-16, Sec 34 T8S R16E				
<b>Site Position:</b>		<b>Northing:</b>	7,200,830.21 ft	<b>Latitude:</b>	40° 4' 47.420 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,028,596.63 ft	<b>Longitude:</b>	110° 6' 45.590 W
<b>Position Uncertainty:</b>	0.00 ft	<b>Spot Radius:</b>	in	<b>Grid Convergence:</b>	0.89 °

<b>Well</b>	Travis J-33-8-16, 681' FNL & 659' FWL					
<b>Well Position</b>	<b>+N-S</b>	0.00 ft	<b>Northing:</b>	7,200,830.21 ft	<b>Latitude:</b>	40° 4' 47.420 N
	<b>+E-W</b>	0.00 ft	<b>Easting:</b>	2,028,596.63 ft	<b>Longitude:</b>	110° 6' 45.590 W
<b>Position Uncertainty</b>		0.00 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	5,563.00 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</b>
	IGRF2005-10	2007-06-12	(°)	(°)	(nT)
			11.84	65.92	52,699

<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)</b>	<b>+N-S</b>	<b>+E-W</b>	<b>Direction</b>
	(ft)	(ft)	(ft)	(°)
	0.00	0.00	0.00	226.76

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	
1,430.16	12.45	226.76	1,423.64	-61.56	-65.46	1.50	1.50	0.00	226.76	
5,399.91	12.45	226.76	5,300.00	-648.00	-689.00	0.00	0.00	0.00	0.00	0.00 T J-33-8-16
6,628.82	12.45	226.76	6,500.00	-829.54	-882.03	0.00	0.00	0.00	0.00	

# Scientific Drilling Planning Report

Database: MultiUserEDM	Local Co-ordinate Reference: Well Travis J-33-8-16
Company: Newfield Exploration Co.	TVD Reference: GL 5563' & RKB 12' @ 5575.00ft (NDSI 2)
Project: Duchesne County, UT	MID Reference: GL 5563' & RKB 12' @ 5575.00ft (NDSI 2)
Site: Travis J-33-8-16	North Reference: True
Well: Travis J-33-8-16	Survey Calculation Method: Minimum Curvature
Wellbore: OH	
Design: Plan #1	

## 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
<b>Start Build 1.50</b>									
700.00	1.50	226.76	699.99	-0.90	-0.95	1.31	1.50	1.50	0.00
800.00	3.00	226.76	799.91	-3.59	-3.81	5.23	1.50	1.50	0.00
900.00	4.50	226.76	899.69	-8.07	-8.58	11.77	1.50	1.50	0.00
1,000.00	6.00	226.76	999.27	-14.34	-15.24	20.92	1.50	1.50	0.00
1,100.00	7.50	226.76	1,098.57	-22.39	-23.80	32.68	1.50	1.50	0.00
1,200.00	9.00	226.76	1,197.54	-32.22	-34.26	47.03	1.50	1.50	0.00
1,300.00	10.50	226.76	1,296.09	-43.82	-46.59	63.96	1.50	1.50	0.00
1,400.00	12.00	226.76	1,394.16	-57.19	-60.80	83.47	1.50	1.50	0.00
1,430.16	12.45	226.76	1,423.64	-61.56	-65.46	89.86	1.50	1.50	0.00
<b>Start 12.45° Hold At 1430.16</b>									
1,500.00	12.45	226.76	1,491.84	-71.88	-76.43	104.92	0.00	0.00	0.00
1,600.00	12.45	226.76	1,589.48	-86.65	-92.13	126.48	0.00	0.00	0.00
1,700.00	12.45	226.76	1,687.13	-101.42	-107.84	148.04	0.00	0.00	0.00
1,800.00	12.45	226.76	1,784.78	-116.20	-123.55	169.60	0.00	0.00	0.00
1,900.00	12.45	226.76	1,882.43	-130.97	-139.26	191.17	0.00	0.00	0.00
2,000.00	12.45	226.76	1,980.07	-145.74	-154.96	212.73	0.00	0.00	0.00
2,100.00	12.45	226.76	2,077.72	-160.51	-170.67	234.29	0.00	0.00	0.00
2,200.00	12.45	226.76	2,175.37	-175.29	-186.38	255.86	0.00	0.00	0.00
2,300.00	12.45	226.76	2,273.02	-190.06	-202.09	277.42	0.00	0.00	0.00
2,400.00	12.45	226.76	2,370.67	-204.83	-217.79	298.98	0.00	0.00	0.00
2,500.00	12.45	226.76	2,468.31	-219.61	-233.50	320.54	0.00	0.00	0.00
2,600.00	12.45	226.76	2,565.96	-234.38	-249.21	342.11	0.00	0.00	0.00
2,700.00	12.45	226.76	2,663.61	-249.15	-264.92	363.67	0.00	0.00	0.00
2,800.00	12.45	226.76	2,761.26	-263.92	-280.62	385.23	0.00	0.00	0.00
2,900.00	12.45	226.76	2,858.90	-278.70	-296.33	406.80	0.00	0.00	0.00
3,000.00	12.45	226.76	2,956.55	-293.47	-312.04	428.36	0.00	0.00	0.00
3,100.00	12.45	226.76	3,054.20	-308.24	-327.74	449.92	0.00	0.00	0.00
3,200.00	12.45	226.76	3,151.85	-323.01	-343.45	471.48	0.00	0.00	0.00
3,300.00	12.45	226.76	3,249.49	-337.79	-359.16	493.05	0.00	0.00	0.00
3,400.00	12.45	226.76	3,347.14	-352.56	-374.87	514.61	0.00	0.00	0.00
3,500.00	12.45	226.76	3,444.79	-367.33	-390.57	536.17	0.00	0.00	0.00
3,600.00	12.45	226.76	3,542.44	-382.11	-406.28	557.74	0.00	0.00	0.00
3,700.00	12.45	226.76	3,640.08	-396.88	-421.99	579.30	0.00	0.00	0.00
3,800.00	12.45	226.76	3,737.73	-411.65	-437.70	600.86	0.00	0.00	0.00
3,900.00	12.45	226.76	3,835.38	-426.42	-453.40	622.42	0.00	0.00	0.00
4,000.00	12.45	226.76	3,933.03	-441.20	-469.11	643.99	0.00	0.00	0.00
4,100.00	12.45	226.76	4,030.67	-455.97	-484.82	665.55	0.00	0.00	0.00
4,200.00	12.45	226.76	4,128.32	-470.74	-500.53	687.11	0.00	0.00	0.00
4,300.00	12.45	226.76	4,225.97	-485.51	-516.23	708.68	0.00	0.00	0.00
4,400.00	12.45	226.76	4,323.62	-500.29	-531.94	730.24	0.00	0.00	0.00
4,500.00	12.45	226.76	4,421.26	-515.06	-547.65	751.80	0.00	0.00	0.00
4,600.00	12.45	226.76	4,518.91	-529.83	-563.36	773.36	0.00	0.00	0.00
4,700.00	12.45	226.76	4,616.56	-544.60	-579.06	794.93	0.00	0.00	0.00
4,800.00	12.45	226.76	4,714.21	-559.38	-594.77	816.49	0.00	0.00	0.00
4,900.00	12.45	226.76	4,811.85	-574.15	-610.48	838.05	0.00	0.00	0.00

# Scientific Drilling Planning Report

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

**Local Co-ordinate Reference:** Well Travis J-33-8-16  
**TVD Reference:** GL 5563' & RKB 12' @ 5575.00ft (NDSI 2)  
**MD Reference:** GL 5563' & RKB 12' @ 5575.00ft (NDSI 2)  
**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)
5,000.00	12.45	226.76	4,909.50	-588.92	-626.19	859.62	0.00	0.00	0.00
5,100.00	12.45	226.76	5,007.15	-603.70	-641.89	881.18	0.00	0.00	0.00
5,200.00	12.45	226.76	5,104.80	-618.47	-657.60	902.74	0.00	0.00	0.00
5,300.00	12.45	226.76	5,202.44	-633.24	-673.31	924.30	0.00	0.00	0.00
5,399.91	12.45	226.76	5,300.00	-648.00	-689.00	945.85	0.00	0.00	0.00
<b>T J-33-8-16</b>									
5,500.00	12.45	226.76	5,397.74	-662.79	-704.72	967.43	0.00	0.00	0.00
5,600.00	12.45	226.76	5,495.39	-677.56	-720.43	988.99	0.00	0.00	0.00
5,700.00	12.45	226.76	5,593.03	-692.33	-736.14	1,010.55	0.00	0.00	0.00
5,800.00	12.45	226.76	5,690.68	-707.10	-751.84	1,032.12	0.00	0.00	0.00
5,900.00	12.45	226.76	5,788.33	-721.88	-767.55	1,053.68	0.00	0.00	0.00
6,000.00	12.45	226.76	5,885.98	-736.65	-783.26	1,075.24	0.00	0.00	0.00
6,100.00	12.45	226.76	5,983.62	-751.42	-798.97	1,096.81	0.00	0.00	0.00
6,200.00	12.45	226.76	6,081.27	-766.20	-814.67	1,118.37	0.00	0.00	0.00
6,300.00	12.45	226.76	6,178.92	-780.97	-830.38	1,139.93	0.00	0.00	0.00
6,400.00	12.45	226.76	6,276.57	-795.74	-846.09	1,161.49	0.00	0.00	0.00
6,500.00	12.45	226.76	6,374.21	-810.51	-861.80	1,183.06	0.00	0.00	0.00
6,600.00	12.45	226.76	6,471.86	-825.29	-877.50	1,204.62	0.00	0.00	0.00
6,628.82	12.45	226.76	6,500.00	-829.54	-882.03	1,210.83	0.00	0.00	0.00

### Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N-S (ft)	+E-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
T J-33-8-16	0.00	0.00	5,300.00	-648.00	-689.00	7,200,171.60	2,027,917.76	40° 4' 41.016 N	110° 6' 54.454 W
- hit/miss target									
- Shape									
- plan hits target									
- Circle (radius 75.00)									

### Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N-S (ft)	+E-W (ft)	
600.00	600.00	0.00	0.00	Start Build 1.50
1,430.16	1,423.64	-61.56	-65.46	Start 12.45° Hold At 1430.16

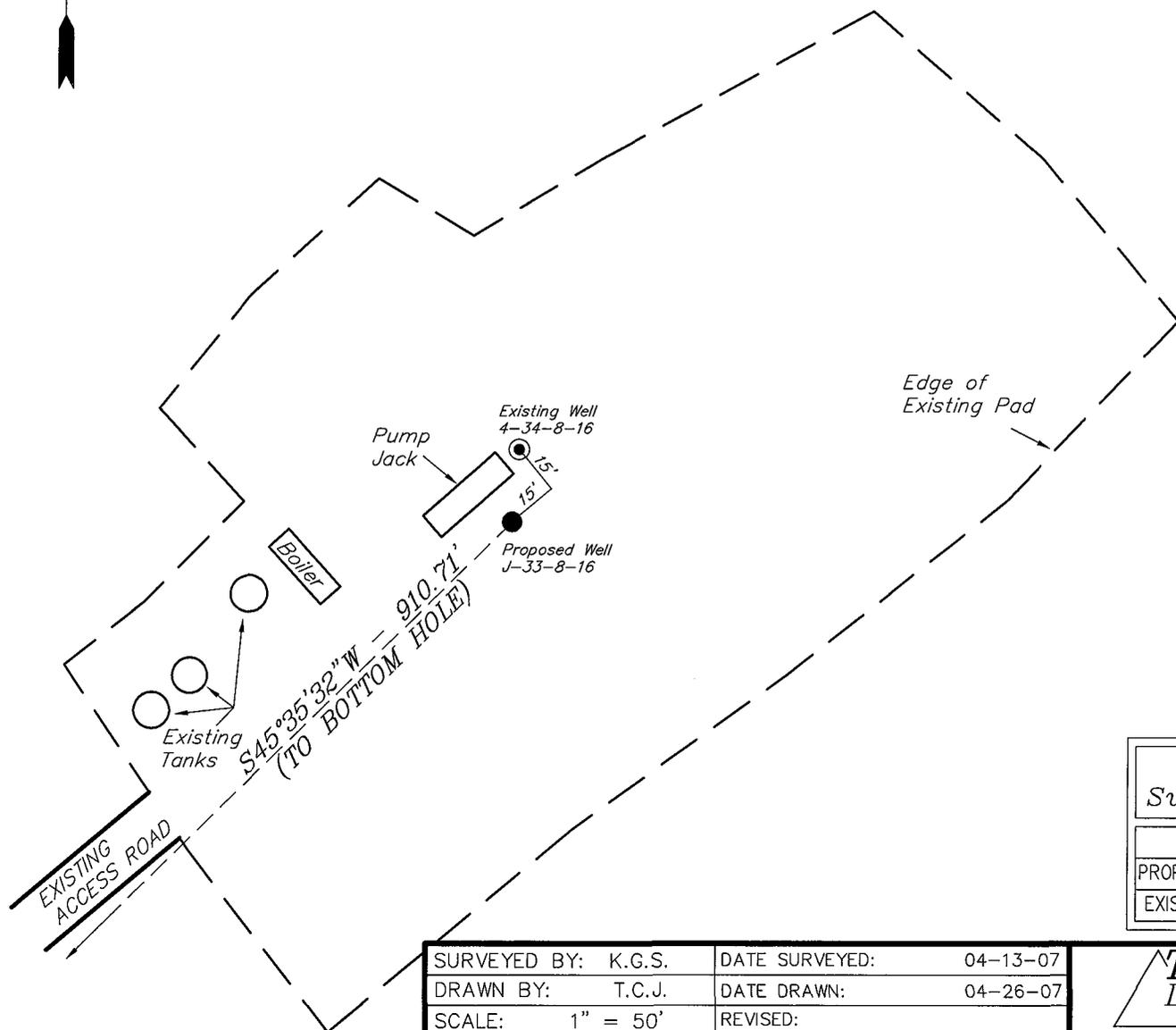
# NEWFIELD PRODUCTION COMPANY

## WELL PAD INTERFERENCE PLAT

TRAVIS J-33-8-16 (Proposed Well)

TRAVIS 4-34-8-16 (Existing Well)

Pad Location: NWNW Section 34, T8S, R16E, S.L.B.&M.



### TOP HOLE FOOTAGES

J-33 (PROPOSED)  
681' FNL & 659' FWL

### BOTTOM HOLE FOOTAGES

J-33 (PROPOSED)  
1319' FNL & 0' FWL

**Note:**  
Bearings are based on  
G.P.S. observations.

RELATIVE COORDINATES From top hole to bottom hole		
WELL	NORTH	EAST
PROPOSED J-33	-637'	-651'

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)		
WELL	LATITUDE	LONGITUDE
PROPOSED J-33	40° 04' 47.42"	110° 06' 45.59"
EXISTING 4-34	40° 04' 47.63"	110° 06' 45.57"

SURVEYED BY: K.G.S.	DATE SURVEYED: 04-13-07
DRAWN BY: T.C.J.	DATE DRAWN: 04-26-07
SCALE: 1" = 50'	REVISED:

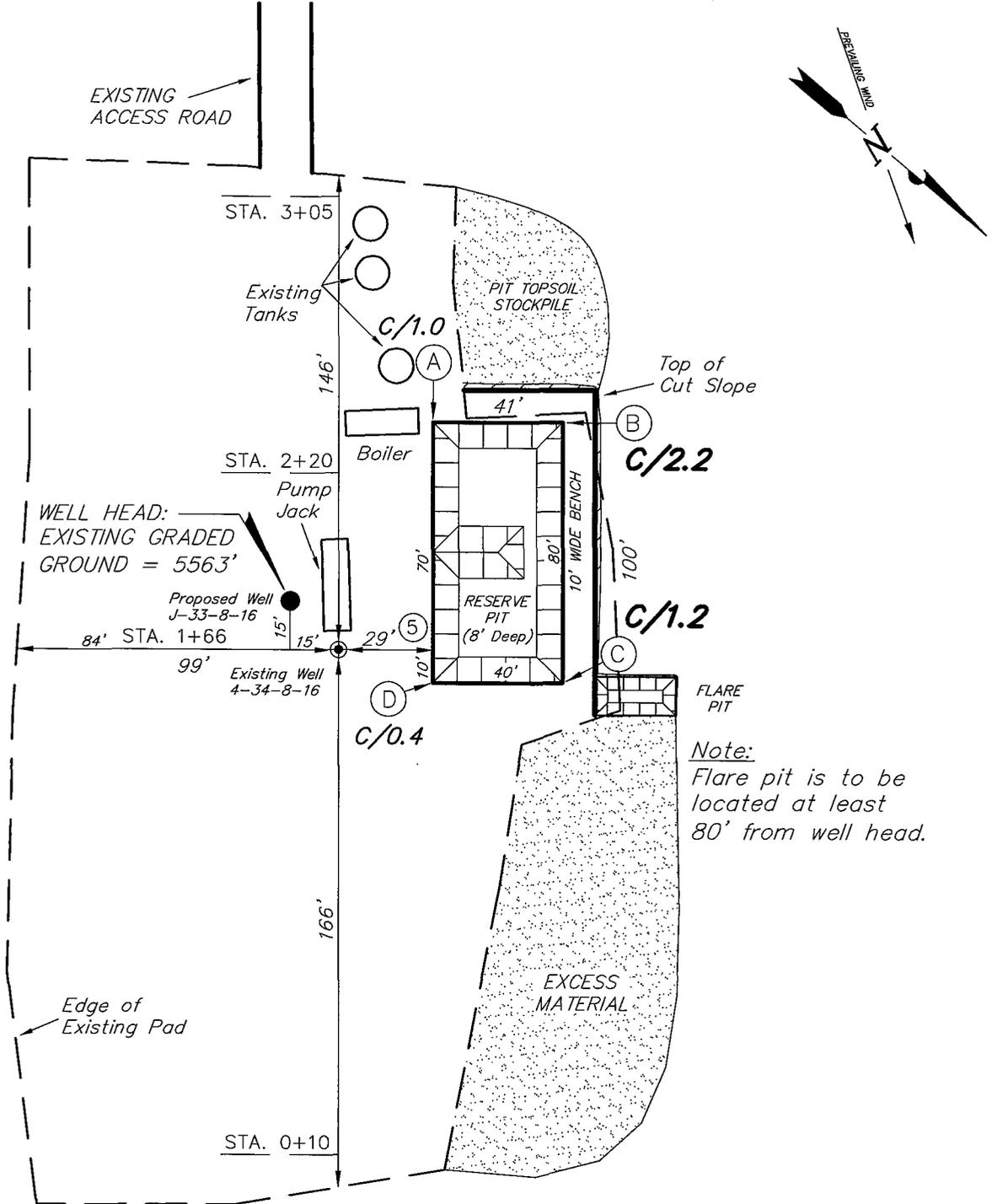
**Tri State** (435) 781-2501  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

**TRAVIS J-33-8-16 (Proposed Well)**

**TRAVIS 4-34-8-16 (Existing Well)**

Pad Location: NWNW Section 34, T8S, R16E, S.L.B.&M.



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

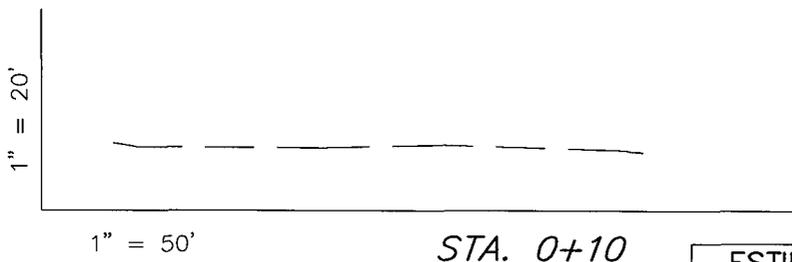
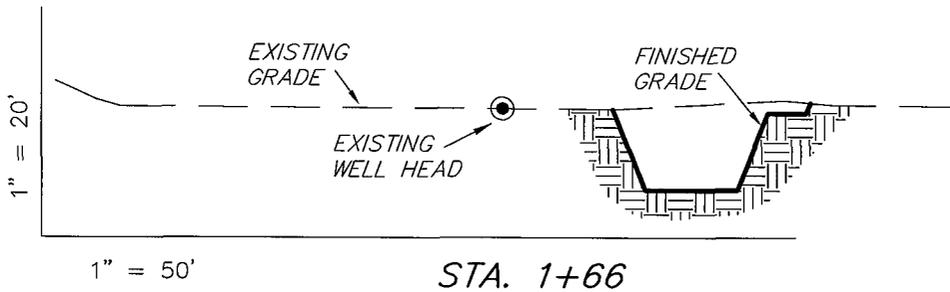
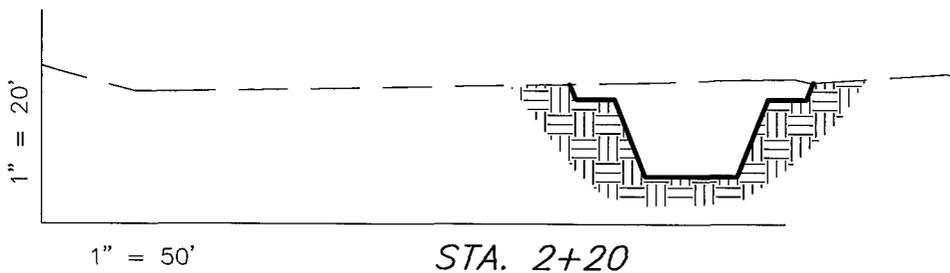
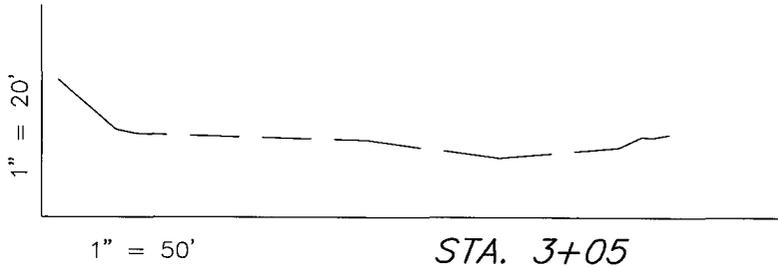
SURVEYED BY: K.G.S.	SCALE: 1" = 50'	 <b>Tri State</b> Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078	(435) 781-2501
DRAWN BY: F.T.M.	DATE: 04-26-07		

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS

TRAVIS J-33-8-16 (Proposed Well)

TRAVIS 4-34-8-16 (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	320	0	Topsoil is not included in Pad Cut	320
PIT	640	0		640
TOTALS	960	0	120	960

SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

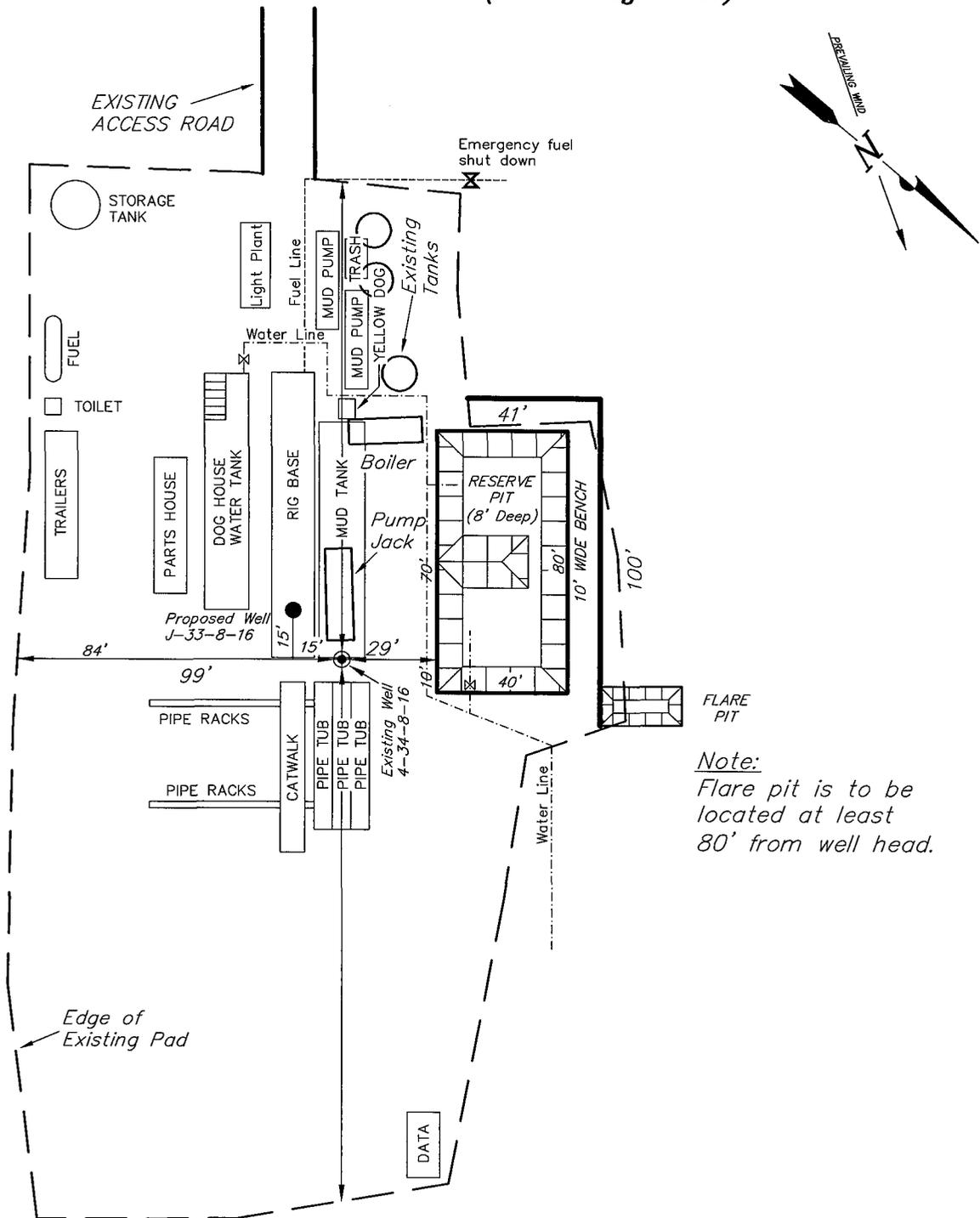
DATE: 04-26-07

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

# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

TRAVIS J-33-8-16 (Proposed Well)  
 TRAVIS 4-34-8-16 (Existing Well)



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

REVISED:

SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 04-26-07

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

# Newfield Production Company Proposed Site Facility Diagram

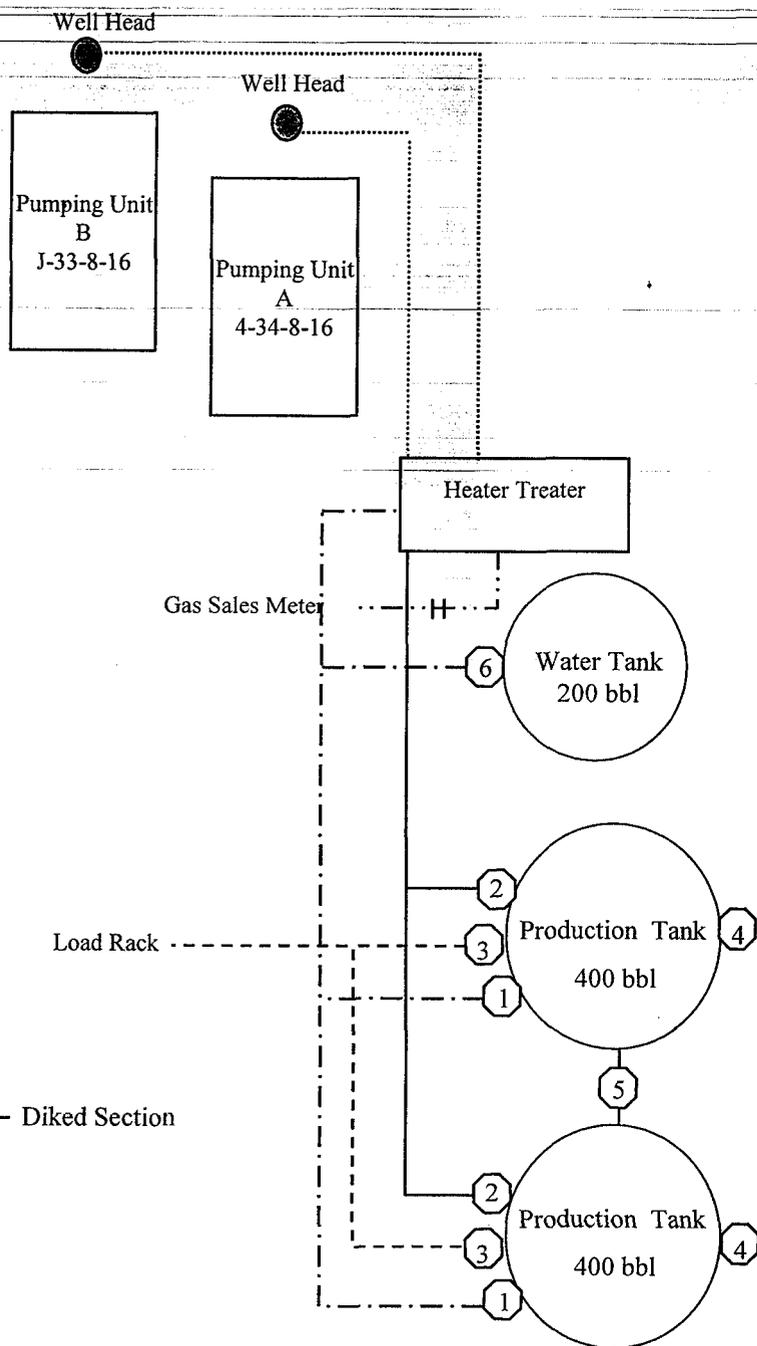
Travis Federal J-33-8-16

From the Mon. Butte Federal 4-34-8-16 Location

NW/NW Sec. 34 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:

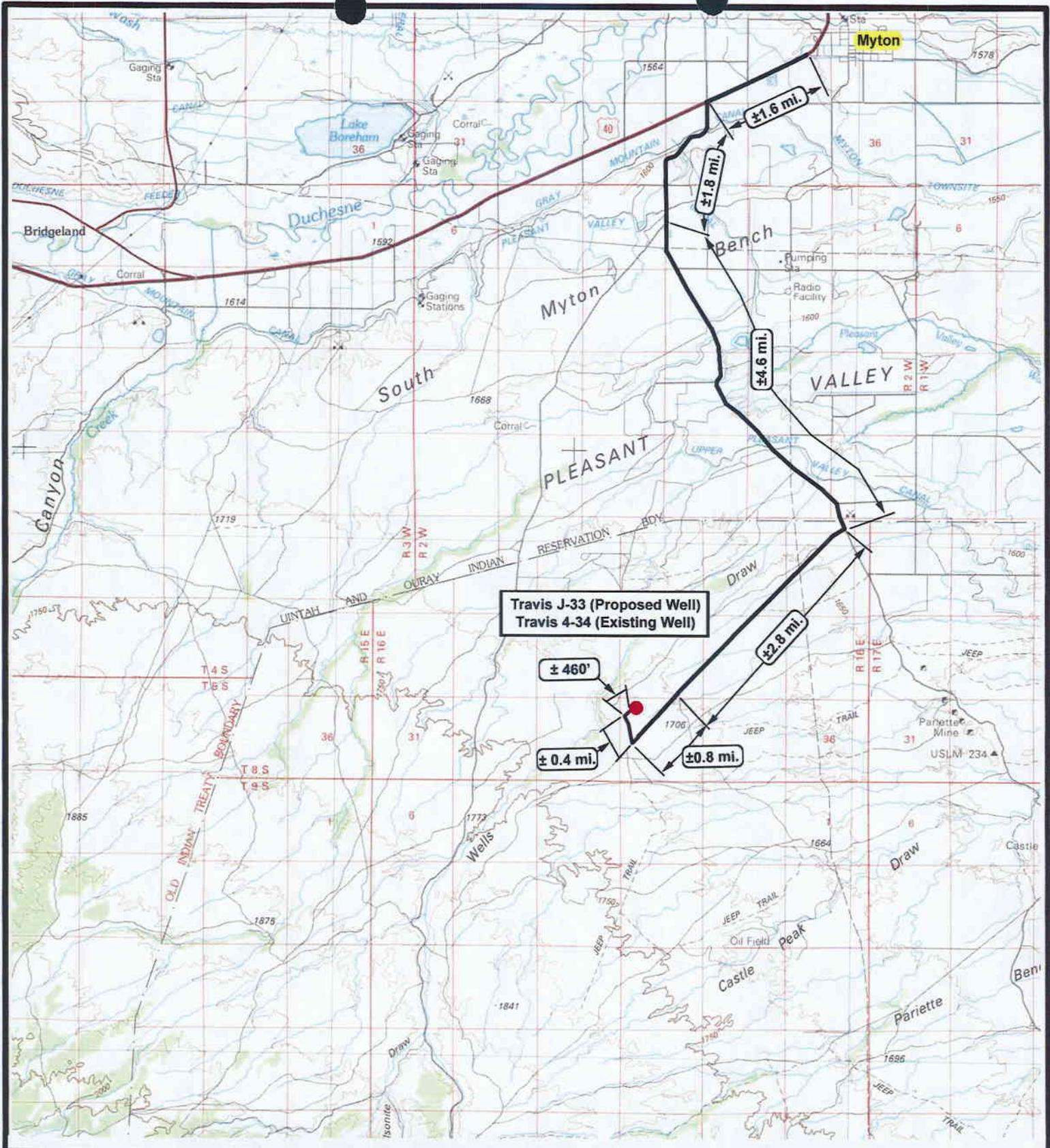
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

### Draining Phase:

- 1) Valves 1 and 6 open

### Legend

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



Travis J-33 (Proposed Well)  
Travis 4-34 (Existing Well)

± 460'

± 0.4 mi.

± 0.8 mi.

± 2.8 mi.

± 4.6 mi.

± 1.8 mi.

± 1.6 mi.



**NEWFIELD**  
Exploration Company

**Travis J-33-8-16 (Proposed Well)**  
**Travis 4-34-8-16 (Existing Well)**  
Pad Location: NWNW SEC. 34, T8S, R16E, S.L.B.&M.



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

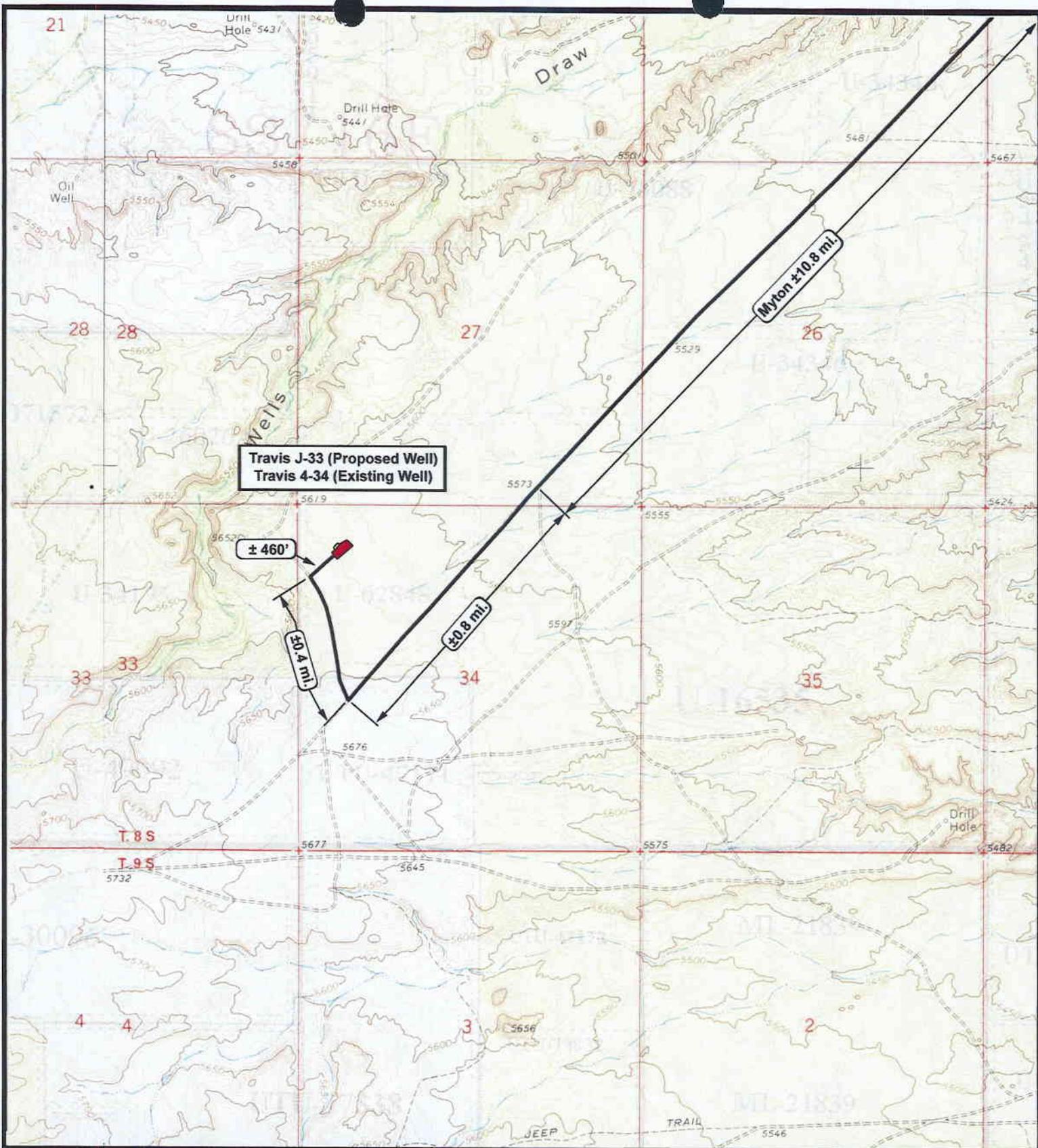
SCALE: 1 = 100,000  
DRAWN BY: mw  
DATE: 05-16-2007

**Legend**

Existing Road

**TOPOGRAPHIC MAP**

**"A"**



Travis J-33 (Proposed Well)  
Travis 4-34 (Existing Well)

± 460'

± 0.4 mi.

± 0.8 mi.

Myton ± 10.8 mi.

**NEWFIELD**  
Exploration Company

**Travis J-33-8-16 (Proposed Well)**  
**Travis 4-34-8-16 (Existing Well)**  
Pad Location: NWNW SEC. 34, 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: 05-16-2007

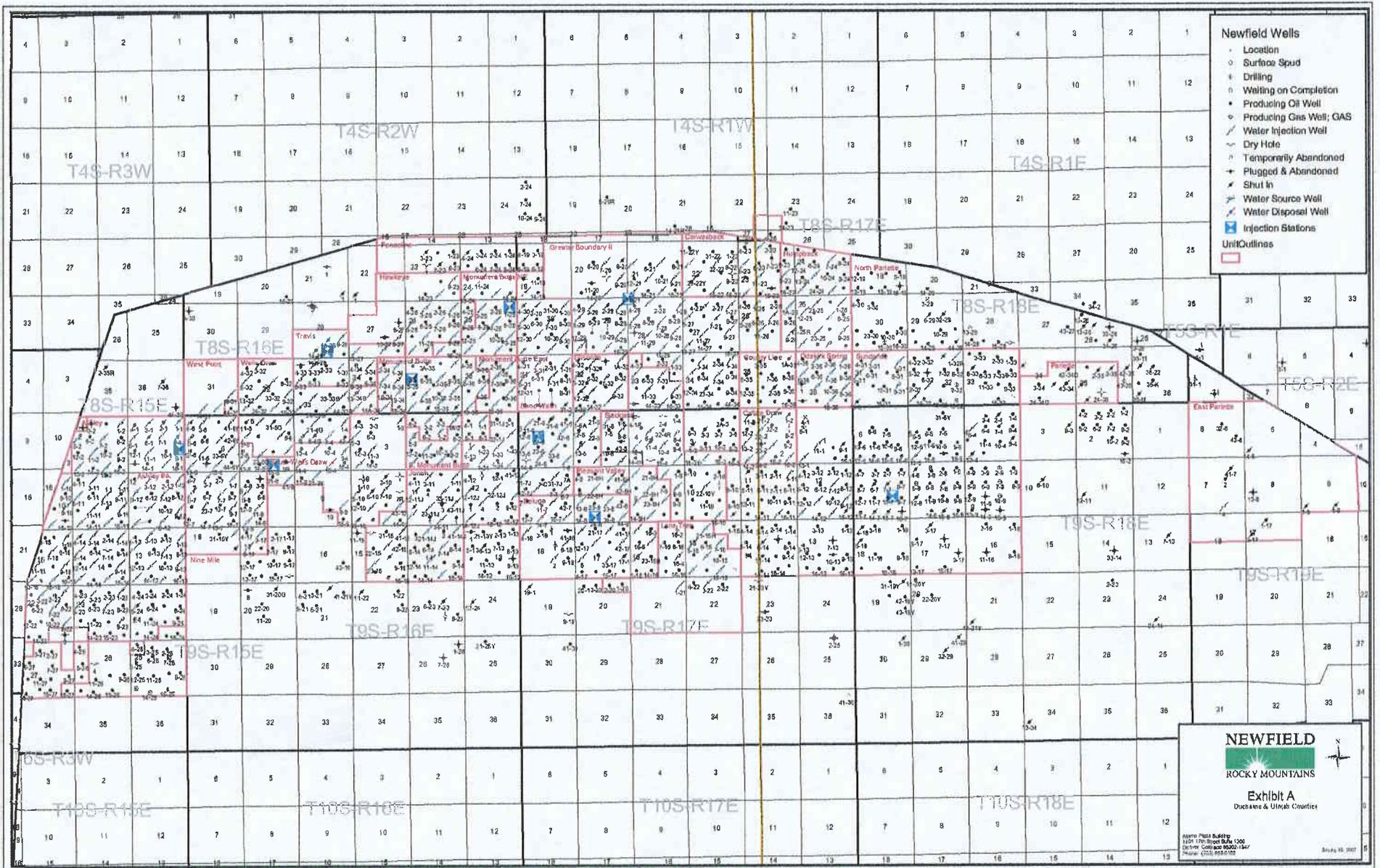
**Legend**

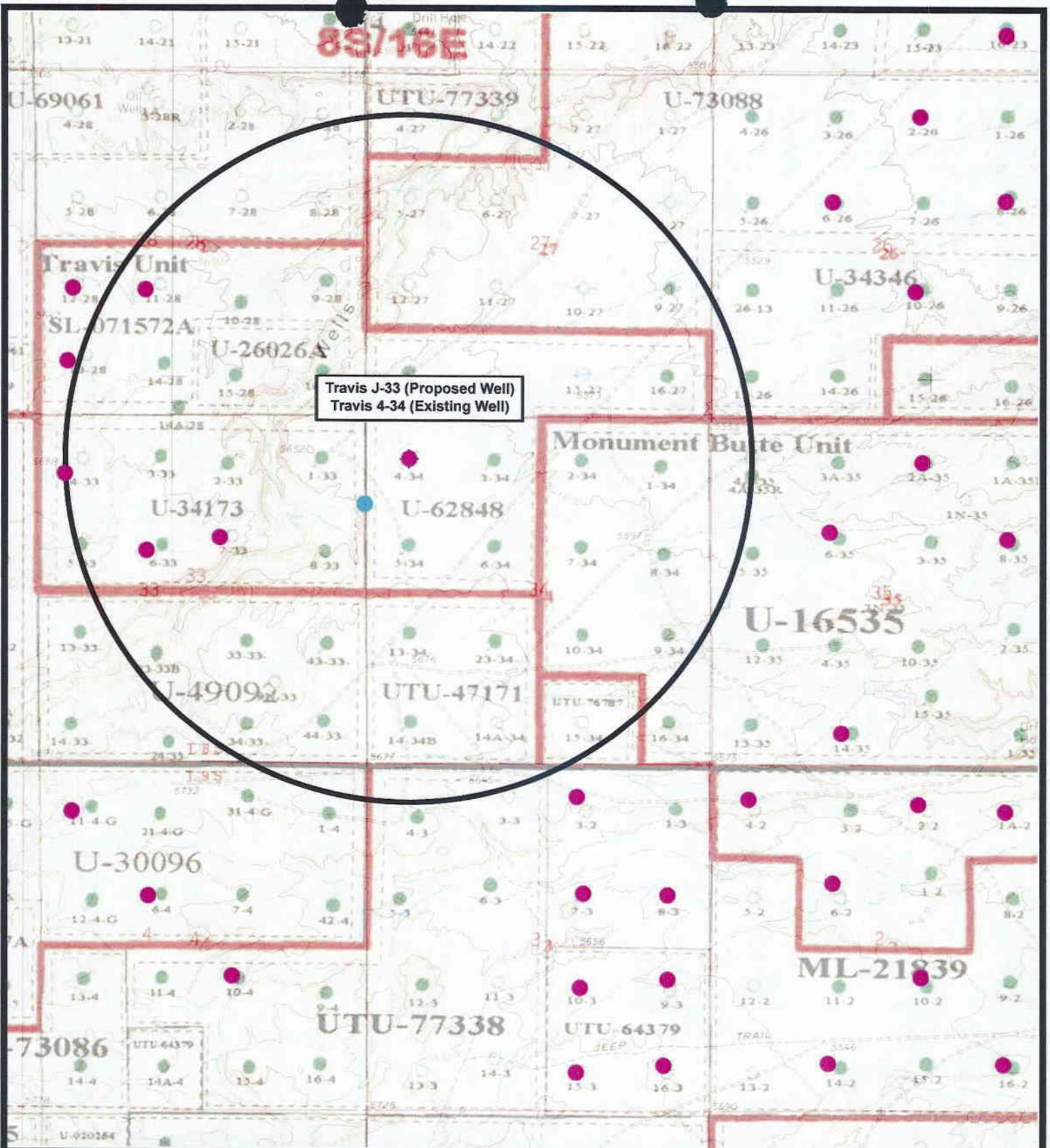
Existing Road

**TOPOGRAPHIC MAP**

**"B"**







Travis J-33 (Proposed Well)  
Travis 4-34 (Existing Well)



**NEWFIELD**  
Exploration Company

**Travis J-33-8-16 (Proposed Well)**  
**Travis 4-34-8-16 (Existing Well)**  
Pad Location: NWNW SEC. 34, 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: 05-16-2007

**Legend**

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

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

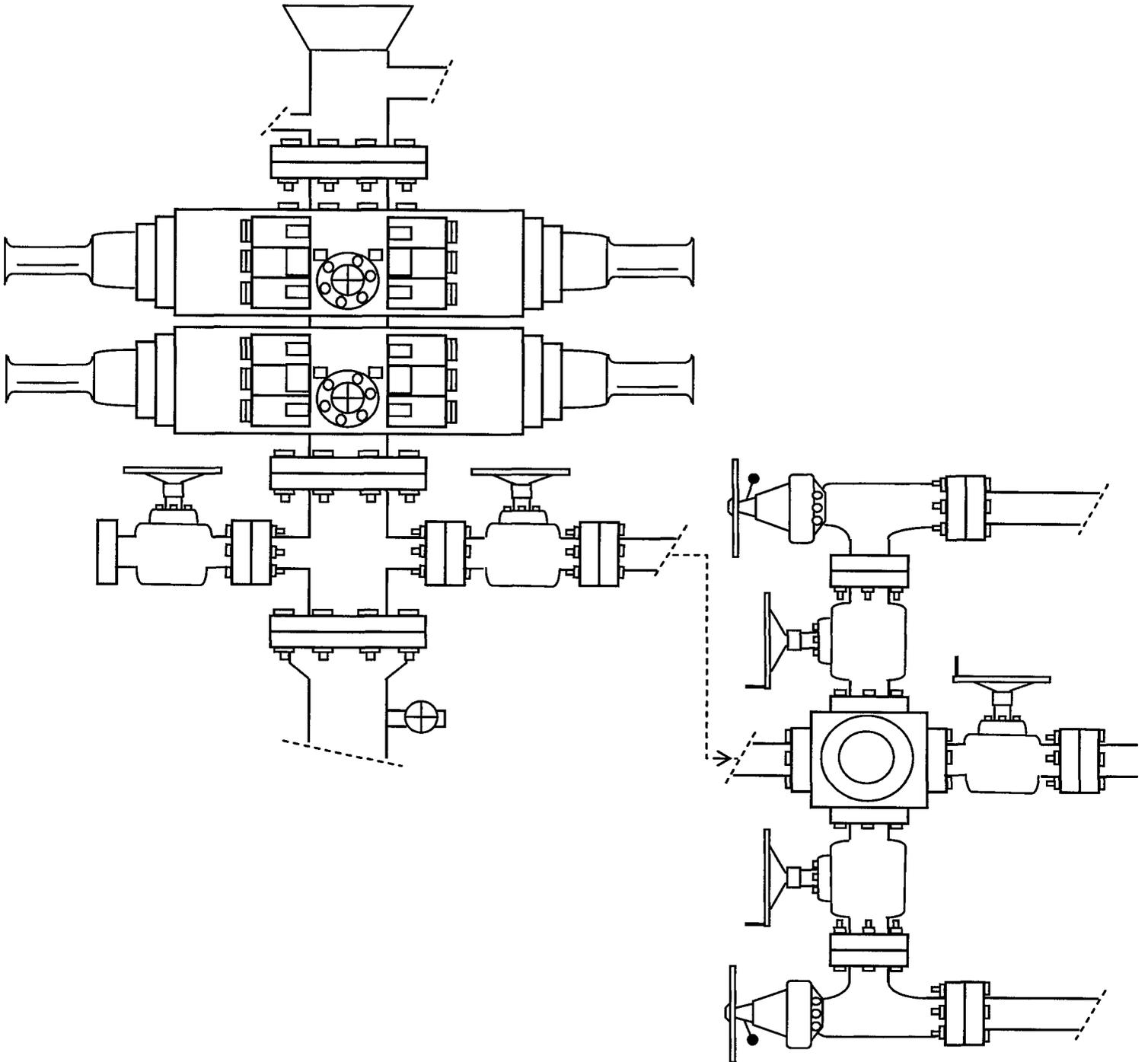


EXHIBIT C

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 06/29/2007

API NO. ASSIGNED: 43-013-33707

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

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWNW 34 080S 160E  
 SURFACE: 0681 FNL 0659 FWL  
 BOTTOM: 1319 FNL 0000 FEL *NEHE*  
 COUNTY: DUCHESNE  
 LATITUDE: 40.07979 LONGITUDE: -110.1120  
 UTM SURF EASTINGS: 575717 NORTHINGS: 4436780  
 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:

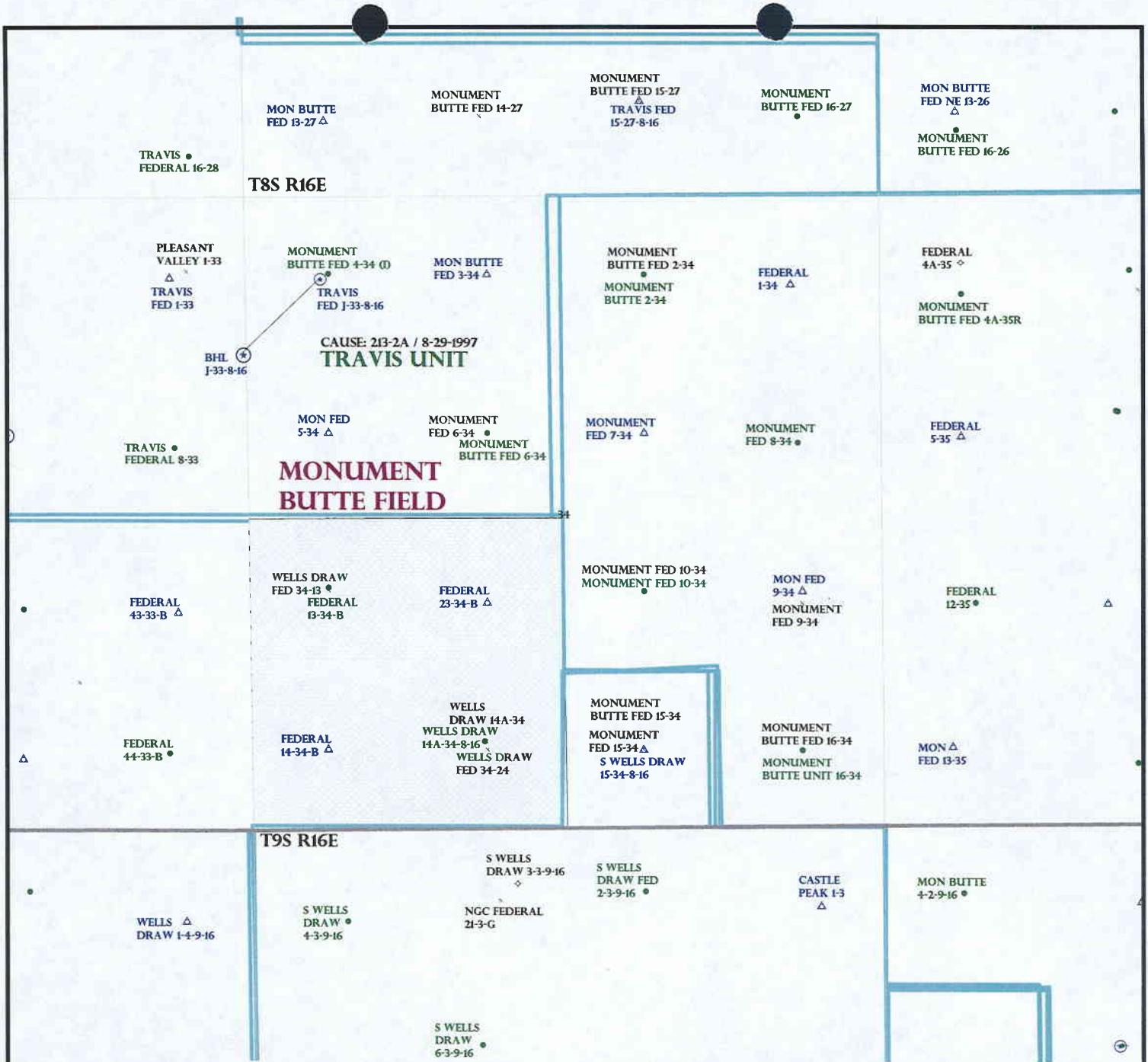
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UTB000192 )
- N* Potash (Y/N)
- N* Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. MUNICIPAL )
- N* RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- N/A* Fee Surf Agreement (Y/N)
- N/A* Intent to Commingle (Y/N)

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: *Suspends General Siting*
- R649-3-11. Directional Drill

COMMENTS: *See Separate file*

STIPULATIONS: *1- Federal Approval*



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 34 T.8S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

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

**Field Status**

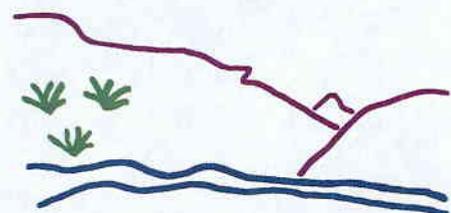
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

**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
- X LOCATION ABANDONED
- ⊙ NEW LOCATION
- ⊙ PLUGGED & ABANDONED
- \* PRODUCING GAS
- \* PRODUCING OIL
- \* SHUT-IN GAS
- \* SHUT-IN OIL
- X TEMP. ABANDONED
- X TEST WELL
- △ WATER INJECTION
- WATER SUPPLY
- ⊙ WATER DISPOSAL
- ⊙ DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON

DATE: 2-JULY-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)

July 3, 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 is planned for calendar year 2007 Travis Unit, Duchesne County, Utah.

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

(Proposed PZ Green River)

43-013-33707	Travis Fed J-33-8-16 Sec 34	T08S R16E 0681 FNL 0659 FWL
	BHL Sec 33	T08S R16E 1319 FNL 0000 FEL

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

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

MCoulthard:mc:7-3-07



July 9, 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 J-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 6/21/07 (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 J-33-8-16  
BLM Lease #s UTU-62848 (surface) and UTU-34173 (bottomhole)  
681' FNL, 659' FWL Section 34 (at surface)  
1319' FNL, 0' 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**

A handwritten signature in cursive script that reads "Marie Liley".

Marie Liley  
Land Associate

**RECEIVED**

**JUL 12 2007**

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

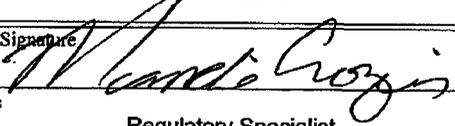
**APPLICATION FOR PERMIT TO DRILL OR REENTER**

5. Lease Serial No. <b>UTU-34173</b>	
6. If Indian, Allottee or Tribe Name <b>N/A</b>	
7. If Unit or CA Agreement, Name and No. <b>Travis Unit</b>	
8. Lease Name and Well No. <b>Travis Federal J-33-B-16</b>	
9. API Well No.	
1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	10. Field and Pool, or Exploratory Monument Butte
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	11. Sec., T., R., M., or Blk. and Survey or Area <b>Sec. 33, T8S R16E</b>
2. Name of Operator <b>Newfield Production Company</b>	
3a. Address <b>Route #3 Box 3630, Myton UT 84052</b>	3b. Phone No. (include area code) <b>(435) 646-3721</b>
12. County or Parish <b>Duchesne</b>	
13. State <b>UT</b>	
14. Distance in miles and direction from nearest town or post office* <b>Approximatley 12.1 miles southwest of Myton, Utah</b>	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 0' #/lse, 1321' #/unit <b>Approx. 1377'</b>	
16. No. of Acres in lease <b>320.00</b>	17. Spacing Unit dedicated to this well <b>20 Acres</b>
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <b>Approx. 1377'</b>	20. BLM/BIA Bond No. on file <b>UTB000192</b>
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>5563' GL</b>	22. Approximate date work will start* <b>3rd Quarter 2007</b>
23. Estimated duration <i>Approximately seven (7) days from spud to rig release.</i>	

**24. Attachments**

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

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>1. Well plat certified by a registered surveyor.</li> <li>2. A Drilling Plan.</li> <li>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).</li> </ul> | <ul style="list-style-type: none"> <li>4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).</li> <li>5. Operator certification.</li> <li>6. Such other site specific information and/or plans as may be required by the authorized officer.</li> </ul> |
|--|---|

25. Signature 	Name (Printed/Typed) <b>Mandie Crozier</b>	Date <b>6/21/07</b>
Title <b>Regulatory Specialist</b>		
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.

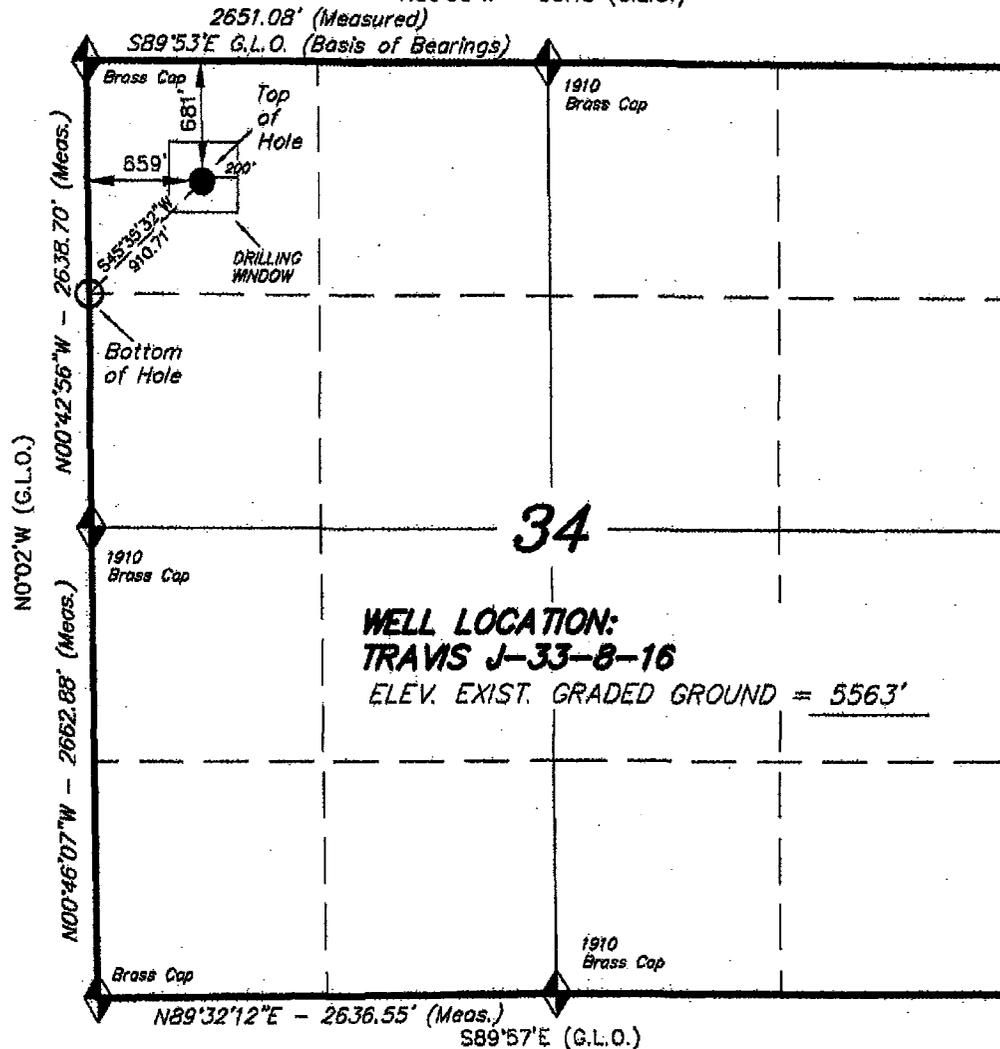
\*(Instructions on reverse)

**RECEIVED**  
**JUL 12 2007**

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

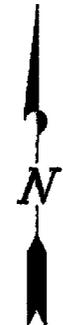
# T8S, R16E, S.L.B.&M.

NB9°53'W - 80.18 (G.L.O.)



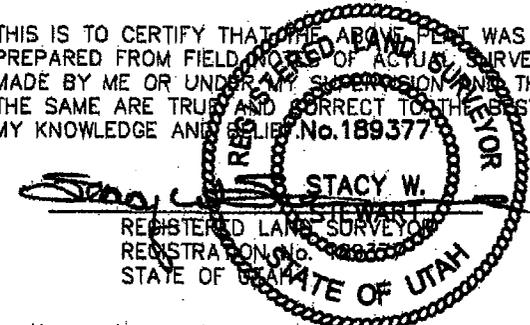
## NEWFIELD PRODUCTION COMPANY

WELL LOCATION, TRAVIS J-33-8-16,  
LOCATED AS SHOWN IN THE NW 1/4 NW  
1/4 OF SECTION 34, T8S, R16E,  
S.L.B.&M. DUCHESNE COUNTY, UTAH.



**Note:**  
The bottom of hole Footages are  
1319' FNL & 0' FEL.

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



◆ = SECTION CORNERS LOCATED

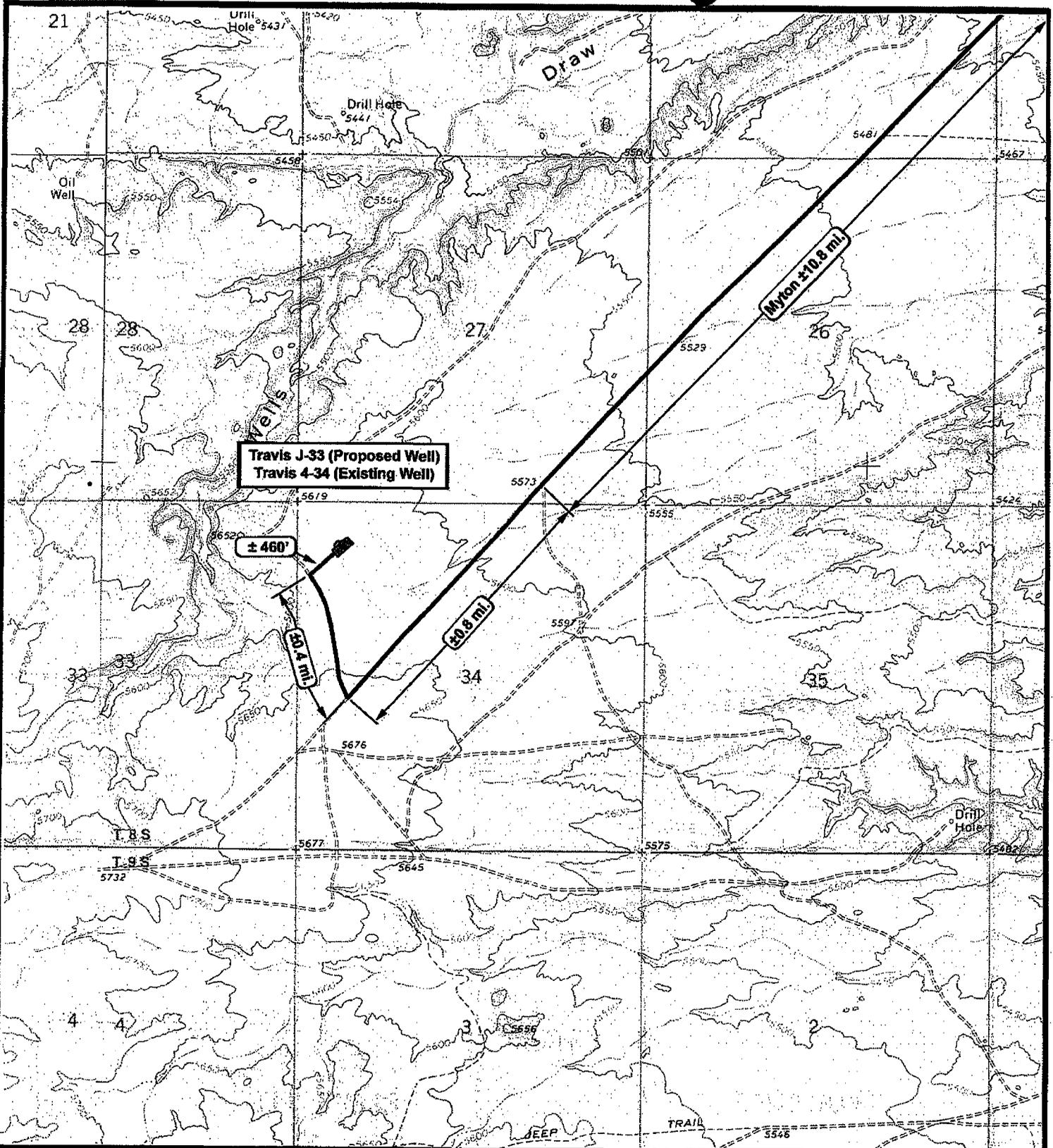
BASIS OF ELEV;  
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

**TRAVIS J-33-8-16**  
(Surface Location) NAD 83  
LATITUDE = 40° 04' 47.42"  
LONGITUDE = 110° 06' 45.59"

### TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 04-13-07	SURVEYED BY: K.G.S.
DATE DRAWN: 04-26-07	DRAWN BY: T.C.J.
REVISED: 06-27-07 F.T.M.	SCALE: 1" = 1000'



Travis J-33 (Proposed Well)  
 Travis 4-34 (Existing Well)

± 460'

± 30.4 mi

± 20.8 mi

Myton ±10.8 mi



**NEWFIELD**  
 Exploration Company

**Travis J-33-8-16 (Proposed Well)**  
**Travis 4-34-8-16 (Existing Well)**  
 Pad Location: NWNW SEC. 34, 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: 05-16-2007

**Legend**

Existing Road

TOPOGRAPHIC MAP  
**"B"**



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
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

July 12, 2007

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

Re: Travis Federal J-33-8-16 Well, Surface Location 681' FNL, 659' FWL, NW NW, Sec. 34, T. 8 South, R. 16 East, Bottom Location 1319' FNL, 000' FEL, NE 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 43-013-33707.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

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



Operator: Newfield Production Company  
Well Name & Number Travis Federal J-33-8-16  
API Number: 43-013-33707  
Lease: UTU-34173

Surface Location: NW NW      Sec. 34      T. 8 South      R. 16 East  
Bottom Location: NE 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 Dustin Doucet at (801) 538-5281      (801) 733-0983 home

#### 3. Reporting Requirements

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

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

RECEIVED  
 VERNAL FIELD OFFICE  
 2007 JUL 29 PM 1:55

Form 3160-3  
 (September 2001)

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT

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

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 Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Travis Federal J-33-8-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-012-33707
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NW/NW 681' FNL 659' FWL Sec. 34, T8S R16E At proposed prod. zone NE/NE 1319' FNL 0' FEL Sec. 33, T8S R16E		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 12.1 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 34, T8S R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 0' f/lse, 1321' f/unit	16. No. of Acres in lease 320.00	17. Spacing Unit dedicated to this well 20 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1377'	19. Proposed Depth 6500'	20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5563' GL	22. Approximate date work will start* 3rd Quarter 2007	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 6/21/07
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) JENNIFER KENOVKA	Date 11-27-2007
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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

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

DEC 14 2007

DIV. OF OIL, GAS & MINING

41006M

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

07/19 07PP2097A

105 5/22/07



**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 J-33-8-16  
**API No:** 43-013-33707

**Location:** NWNW, Sec. 34, T8S, R16E  
**Lease No:** UTU- 34173  
**Agreement:** UTU - 68528A

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 Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental 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 Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	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)**

- 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.

**SITE SPECIFIC CONDITIONS OF APPROVAL**

- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- Lands in this lease have been identified as containing Mountain Plover and Golden Eagle habitats. Modifications to the Surface Use Plan of Operations will be required in order to protect wildlife from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- Timing Limitations (for construction and drilling):

**TIME RESTRICTION**

**REASON**

**February 1 through July 15** .....Golden Eagle nesting season

**May 15 through June 15**.....Mountain Plover habitat

**CONDITIONS OF APPROVAL:**

- All roads will have an 18', crowned (2 to 3% minimum), running surface. All roads will have drainage ditches along both sides of road.
- 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.
- 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.
- 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.

- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- 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.
- 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.
- 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.
- The following seed mix (PLS formula) will be used for interim reclamation:

Shadscale ( <i>Atriplex confertifolia</i> )	6 lbs/acre
Galleta Grass ( <i>Hilaria jamesii</i> )	6 lbs/acre

- Rates are set for drill seeding; double the rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.
- 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 topography, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should 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.

**DOWNHOLE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

**SITE SPECIFIC DOWNHOLE COAs:**

- No site specific downhole COAs

**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) should 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.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - 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.

**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

**SUBMIT IN TRIPLICATE**

<p>1. Type of Well  <input checked="" type="checkbox"/> Oil Well    <input type="checkbox"/> Gas Well    <input type="checkbox"/> Other</p>	<p>5. Lease Designation and Serial No. <b>UTU-34173</b></p>
<p>2. Name of Operator <b>NEWFIELD PRODUCTION COMPANY</b></p>	<p>6. If Indian, Allottee or Tribe Name <b>NA</b></p>
<p>3. Address and Telephone No. <b>Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721</b></p>	<p>7. If Unit or CA, Agreement Designation <b>TRAVIS</b></p>
<p>4. Location of Well (Footage, Sec., T., R., m., or Survey Description) <b>681 FNL 659 FWL      NW/NW Section 34, T8S R16E</b></p>	<p>8. Well Name and No. <b>TRAVIS FEDERAL J-33-8-16</b></p> <p>9. API Well No. <b>43-013-33707</b></p>
	<p>10. Field and Pool, or Exploratory Area <b>MONUMENT BUTTE</b></p>
	<p>11. County or Parish, State <b>DUCHESNE COUNTY, UT.</b></p>

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	<table style="width:100%;"> <tr> <td style="width:33%; vertical-align: top;"> <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> </td> <td style="width:33%; vertical-align: top;"> <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                 </td> <td style="width:33%;"></td> </tr> </table> <p style="font-size: small;">(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</p>	<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	
<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			

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 directional, 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 7/12/07.

This APD is not yet due to expire with the BLM.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 07-07-08  
By: [Signature]

COPY SENT TO OPERATOR

Date: 7-9-2008  
Initials: KS

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

Signed <u>[Signature]</u>	Title <u>Regulatory Specialist</u>	Date <u>6/27/2008</u>
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.

**RECEIVED**  
**JUL 01 2008**  
**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:** 43-013-33707  
**Well Name:** Travis Federal J-33-8-16  
**Location:** NW/NW Section 37, T8S R16E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 7/12/2007

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

Mandie Cozys  
Signature

6/27/2008  
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

**RECEIVED**  
**JUL 01 2008**  
 DIV. OF OIL, GAS & MINING

# DIVISION OF OIL, GAS AND MINING

## **SPUDDING INFORMATION**

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: TRAVIS FED J-33-8-16

Api No: 43-013-33707 Lease Type: FEDERAL

Section 34 Township 08S Range 16E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 21

## **SPUDDED:**

Date 07/17/08

Time 2:30 PM

How DRY

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

Reported by SEAM STEVEMS

Telephone # (435) 823-1162

Date 07/18//08 Signed CHD

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				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	16993	4304739396	FEDERAL 10-19-9-18	NWSE	19	9S	18E	UINTAH	7/16/2008	7/31/08
WELL 1 COMMENTS: GRUV											
B	99999	10628	4301333707	TRAVIS FEDERAL J-33-8-16	SESE	33	8S	16E	DUCHESNE	7/17/2008	7/31/08
BHL = Sec 33 NENE NWNW 34											
B	99999	14844	4304736405	SUNDANCE FEDERAL 8-13-9-17	SENE	13	9S	17E	UINTAH	7/18/2008	7/31/08
GRUV											
A	99999	16994	4304739702	UTE TRIBAL 5-8-5-2E	SWNW	8	5S	2E	UINTAH	7/21/2008	7/31/08
GRUV											
B	99999	12704	4301333920	BLACKJACK FEDERAL F-10-9-17	NWNW	10	9S	17E	DUCHESNE	7/21/2008	7/31/08
WELL 5 COMMENTS: GRUV BHL = NWNW											
A	99999	16995	4304739953	UTE TRIBAL 16-35-4-1	SESE	35	4S	1E	UINTAH	7/23/2008	7/31/08
WELL 5 COMMENTS: GRUV											

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 - for (explain in comments section)

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

RECEIVED  
 JUL 28 2008

DIV. OF OIL, GAS & MINING

*Jentri Park*  
 Signature  
 Jentri Park  
 Production Clerk  
 07/24/08  
 Date

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.

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 J-33-8-16

9. API Well No.  
4301333707

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
DUCHESNE, UT

**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 area code)  
435.646.3721

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

SESE Section <sup>34</sup> T8S R16E

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

On 18 Jul 2008 MIRU Ross # 21. Drill 330' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 325.49' KB.  
On 20 Jul 2008 cemented with 160 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg & 1.17 cf/sk yield.  
Returned 5 bbls cement to pit. WOC.

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

Sean Stevens

Signature

Title

Field Engineer

Date

07/22/2008

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

Approved by .....

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

Title

Date

Office

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

(Instructions on page 2)

**RECEIVED**  
**JUL 29 2008**  
DIV. OF OIL, GAS & MINING

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)  
 SESE Section <sup>3A</sup> 37 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 J-33-8-16

9. API Well No.  
 4301333707

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

On 7-23-08 MIRU NDSI Rig # 2. 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 @ 281'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6400'. 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, 153 jt's of 5.5 J-55, 15.5# csgn. Set @ 6390' / KB. Cement with 325 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 72 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 100,000 #'s tension. Release rig @ 5:30 PM on 7/29/08.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Ryan Crum	Title Drilling Foreman
Signature 	Date 07/29/2008

**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 04 2008**

DIV. OF OIL, GAS & MINING

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

5 1/2" CASING SET AT 6390.86

Flt clr @ 6376.96

LAST CASING 8 5/8" SET # 325.49

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Travis Fed J-33-8-16

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

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

CONTRACTOR & RIG # NDSI # 2

TD DRILLER 6400 Loggers 6390

TVD = 6288'

HOLE SIZE 7 7/8"

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		<b>Short jt</b> 4223' (7.38)					
<b>152</b>	<b>5 1/2"</b>	ETC LT & C casing	<b>15.5#</b>	<b>J-55</b>	<b>8rd</b>	<b>A</b>	6362.96
		Float collar					0.6
<b>1</b>	<b>5 1/2"</b>	ETC LT&C csg	<b>15.5#</b>	<b>J-55</b>	<b>8rd</b>	<b>A</b>	14.65
		<b>GUIDE</b> shoe			<b>8rd</b>	<b>A</b>	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6392.86
TOTAL LENGTH OF STRING		6392.86	150	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		380.74	9	CASING SET DEPTH			<b>6390.86</b>
TOTAL		<b>6758.35</b>	162	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6760.88	162				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		7/29/2008	2:30 AM	GOOD CIRC THRU JOB <u>Yes</u>			
CSG. IN HOLE		7/29/2008	8:30 AM	Bbls CMT CIRC TO SURFACE			
BEGIN CIRC		7/29/2008	8:45 AM	RECIPROCATED PIPE FOR <u>      </u> THRUSTROKE NA			
BEGIN PUMP CMT		7/29/2008	11:00 AM	DID BACK PRES. VALVE HOLD ? <u>Yes</u>			
BEGIN DSPL. CMT		7/29/2008	12:00 PM	BUMPED PLUG TO <u>      </u> 2250 <u>      </u> PSI			
PLUG DOWN		7/29/2008	12:25 PM				
CEMENT USED		CEMENT COMPANY- <b>B. J.</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
<b>1</b>	<b>325</b>	Premlite 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					
<b>2</b>	<b>450</b>	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Ryan Crum

DATE 7/29/2008

**RECEIVED**  
**AUG 04 2008**  
 DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-34173

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
**TRAVIS UNIT**

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
**TRAVIS FEDERAL J-33-8-16**

2. NAME OF OPERATOR:  
**NEWFIELD PRODUCTION COMPANY**

9. API NUMBER:  
**4301333707**

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: **681' FNL 659' FWL**

COUNTY: **DUCHESNE**

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: **NWNW, <sup>34</sup>38, T8S, R16E**

STATE: **UT**

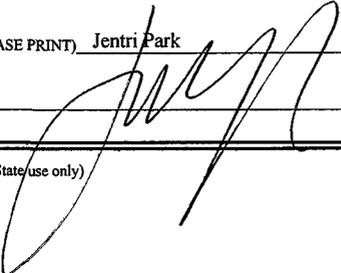
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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: <b>09/19/2008</b>	<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 08-25-08, attached is a daily completion status report.

NAME (PLEASE PRINT) **Jentri Park**

TITLE **Production Clerk**

SIGNATURE 

DATE **09/19/2008**

(This space for State use only)

**RECEIVED**

**SEP 23 2008**

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

## Daily Activity Report

Format For Sundry

**FEDERAL J-33-8-16**

6/1/2008 To 10/30/2008

**8/12/2008 Day: 1**

**Completion**

Rigless on 8/11/2008 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6329' & cement top @ 50'. Perforate stage #1. CP5 @ 6302- 10' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 32 shots. 152 BWTR. SIFN.

**8/15/2008 Day: 2**

**Completion**

Rigless on 8/14/2008 - Stage #1 CP5 sds. RU BJ Services. 55 psi on well. Frac CP5 sds w/ 24,029#'s of 20/40 sand in 419 bbls of Lightning 17 fluid. Broke @ 3534 psi. Treated w/ ave pressure of 2445 psi w/ ave rate of 21.5 BPM. ISIP 2267 psi. Leave pressure on well. 571 BWTR. Stage #2 CP., CP1 & CP2 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 10, 16, 6' perf guns. Set plug @ 6170'. Perforate CP2 sds @ 6058-68', CP1 sds @ 6022-38' & CP.5 sds @ 5980-86' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 128 shots. RU BJ Services. 3653 psi on well. Frac CP2, CP1 & CP.5 sds w/ 99,661#'s of 20/40 sand in 776 bbls of Lightning 17 fluid. Broke @ 3653 psi. Treated w/ ave pressure of 1966 psi w/ ave rate of 22.4 BPM. ISIP 2184 psi. Leave pressure on well. 1347 BWTR. See day 2c. Stage #3 LODC sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 2- 10' perf guns. Set plug @ 5930'. Perforate LODC sds @ 5832-42' & 5846-56' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 80 shots. RU BJ Services. 1846 psi on well. Frac LODC sds w/ 42,105#'s of 20/40 sand in 446 bbls of Lightning 17 fluid. Broke @ 3702 psi. Treated w/ ave pressure of 2325 psi w/ ave rate of 21.2 BPM. ISIP 2519 psi. Leave pressure on well. 1793 BWTR. Stage #4 LODC sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 28' perf gun. Set plug @ 5805'. Perforate LODC sds @ 5740-68' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 112 shots. RU BJ Services. 2025 psi on well. Frac LODC sds w/ 79,304#'s of 20/40 sand in 643 bbls of Lightning 17 fluid. Broke @ 2230 psi. Treated w/ ave pressure of 2428 psi w/ ave rate of 21.5 BPM. ISIP 3098 psi. Leave pressure on well. 2436 BWTR Stage #5 B2 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 4', 12' perf guns. Set plug @ 5500'. Perforate B2 sds @ 5388-92' & 5398-5410' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 64 shots. SWIFN.

**8/16/2008 Day: 3**

**Completion**

Rigless on 8/15/2008 - Stage #5, B2 sds. RU BJ Services. 1506 psi on well. Frac B2 sds w/ 51,086#'s of 20/40 sand in 489 bbls of Lightning 17 fluid. Broke @ 2346 psi. Treated w/ ave pressure of 2120 psi w/ ave rate of 21.0 BPM. ISIP 2471 psi. Leave pressure on well. 2925 BWTR. Stage #6, C 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 @ 5330'. Perforate C sds @ 5230-40' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 40 shots. RU BJ Services. 1854 psi on well. Frac C sds w/ 33,904#'s of 20/40 sand in 373 bbls of Lightning 17 fluid. Broke @ 2944 psi. Treated w/ ave pressure of 2354 psi w/ ave rate of 21.3 BPM. ISIP 3630 psi. Leave pressure on well. 3298 BWTR. Stage #7, PB7 & PB8 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 6', 18' perf guns. Set plug @ 4830'. Perforate PB7 sds @ 4690-96' & PB8 sds @ 4728-46' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 96 shots. RU BJ Services. 1810 psi on well. Frac PB7/PB8 sds w/ 73,012#'s of 20/40 sand in 595 bbls of Lightning 17 fluid. Broke @ 2480 psi. Treated w/ ave pressure of 2462 psi w/ ave rate of 22.2 BPM. ISIP 2830 psi. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 5.5 hrs. Recovered 825 bbls water. Started making approx. 30% oil. RU The Perforators, llc. Set composite kill plug @ 4660'. Bleed off pressure. RD The Perforators, llc.

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8/19/2008 Day: 4

Completion

Basin #2 Swabbing on 8/18/2008 - MIRU Basin #2. 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 (drifting & tallying tbg.). SWIFN w/ EOT @ 3307'.

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8/20/2008 Day: 5

Completion

Basin #2 Swabbing on 8/19/2008 - RIH w/ tbg. Tag CBP @ 4600'. RU powerswivel & pump. DU CBP in 37 min. Took 500 psi pressure kick. Circulate well clean. Cont. RIH w/ tbg. Tag sand @ 4800'. C/O to CBP @ 4830'. DU CBP in 28 min. Cont. RIH w/ tbg. Tag sand @ 5250'. C/O to CBP @ 5330'. DU CBP in 38 min. Circulate well clean. Gained 200 bbls today. SWIFN.

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8/21/2008 Day: 6

Completion

Basin #2 Swabbing on 8/20/2008 - Bleed off well. RIH w/ tbg. Tag sand @ 5400'. C/O to CBP @ 5500'. DU CBP in 36 min. Cont. RIH w/ tbg. Tag CBP @ 5805'. DU CBP in 28 min. Cont. RIH w/ tbg. Tag sand @ 5820'. C/O to CBP @ 5930'. DU CBP in 45 min. Cont. RIH w/ tbg. Tag sand @ 6055'. C/O to CBP @ 6170'. DU CBP in 29 min. Circulate well clean. SWIFN.

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8/22/2008 Day: 7

Completion

Basin #2 Swabbing on 8/21/2008 - Bleed off well. RIH w/ tbg. Tag sand @ 6282'. C/O to PBTD @ 6375'. Circulate well clean. Flow well back for cleanup. Flowed for 2 hrs. Recovered 140 bbls. Fair show of oil (approx. 5%). Kill well w/ 200 bbls 10# brine water. POOH w/ tbg. LD BHA. RIH w/ production string as shown below. SWIFN.

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8/23/2008 Day: 8

Completion

Basin #2 Swabbing on 8/22/2008 - Bleed off well. Kill well w/ 150 bbls 10# brine water. ND BOP. Set TAC @ 5840'

w/ 16,000# tension. NU wellhead. RIH w/ CDI rod pump, 4- 1 1/2" weight bars, 118- 7/8" guided rods. SWIFN.

8/26/2008 Day: 9

Completion

Basin #2 Swabbing on 8/25/2008 - Kill tbg. w/ 40 bbls 10# brine water. RIH w/ CDI 2 1/2" x 1 3/4" x 16' x 19' RHAC pump, 4- 1 1/2" weight bars, 231- 7/8" guided rods (8 per), 1- 4', 6', 8' x 7/8" pony rods, 1 1/2" x 26' polished rod. Seat pump. Stroke test to 800 psi. Good pump action. RU pumping unit. Hang off rods. RD. Put well on production @ 4:30 p.m. 5 spm, 84" stroke length. Final Report.

**Pertinent Files: Go to File List**

(See other instructions on reverse side)

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

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

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

5. LEASE DESIGNATION AND SERIAL NO.

UTU-34173

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

TRAVIS UNIT

8. FARM OR LEASE NAME, WELL NO.

TRAVIS FEDERAL J-33-8-16

9. WELL NO.

43-013-33707

10. FIELD AND POOL OR WILDCAT

Monument Butte

11. SEC., T., R., M. OR BLOCK AND SURVEY OR AREA

3A  
Sec. 33, T8S, R16E

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

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 681' FNL & 659' FWL (NW/NW) Sec. 33, T8S, R16E

At top prod. Interval reported below

FWL 34  
per HSM review

At total depth

465 fnl 100 fel

14. API NO.

43-013-33707

DATE ISSUED

7/12/08

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUNDED

7/17/08

16. DATE T.D. REACHED

7/28/08

17. DATE COMPL. (Ready to prod.)

8/25/08

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

5563' GL

19. ELEV. CASINGHEAD

5575' KB

20. TOTAL DEPTH, MD & TVD

6400' 6289

21. PLUG BACK T.D., MD & TVD

6375' 6264

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 4690-6310'

25. WAS DIRECTIONAL SURVEY MADE

Yes

27. WAS WELL CORED

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	325'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6391'	7-7/8"	325 sx Premlite II and 450 sx 50/50 Poz	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	EOT @ 6109'	TA @ 5883'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP5) 6302-6310'	.49"	4/32	6302-6310'	Frac w/ 24029# 20/40 sand in 419 bbls fluid
(CP2) 6058-6068', (CP1) 6022-6038', (CP.5) 5980-5986'	.49"	4/128	5068-6068'	Frac w/ 99661# 20/40 sand in 776 bbls fluid
(LODC) 5832-5842', 5846-5856'	.49"	4/80	5832-5856'	Frac w/ 42105# 20/40 sand in 446 bbls fluid
(LODC) 5740-5768'	.49"	4/112	5740-5768'	Frac w/ 79304# 20/40 sand in 643 bbls fluid
(B2) 5388-5392', 5398-5410"	.49"	4/64	5388-5410'	Frac w/ 51806# 20/40 sand in 498 bbls fluid
(C) 5230-5240'	.49"	4/40	5230-5240'	Frac w/ 33904# 20/40 sand in 373 bbls fluid
(PB7) 4690-4696', (PB8) 4728-4746'	.49"	4/96	4690-4746'	Frac w/ 73012# 20/40 sand in 595 bbls fluid

33.\* PRODUCTION

DATE FIRST PRODUCTION 8/25/08	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-3/4" x 16' x 19' RHAC Pump	WELL STATUS (Producing or shut-in) PRODUCING					
DATE OF TEST 9/25/08	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
			----->	40	139	119	3475
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

**OCT 09 2008**

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

DIV. OF OIL, GAS & MINING

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

SIGNED Tammi Lee

TITLE Production Clerk

DATE 10/6/2008

Tammi Lee

TL

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

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name <b>TRAVIS FEDERAL J-33-8-16</b>	Garden Gulch Mkr	4028'	
				Garden Gulch 1	4248'	
				Garden Gulch 2	4367'	
				Point 3 Mkr	4634'	
				X Mkr	4894'	
				Y-Mkr	4930'	
				Douglas Creek Mkr	5050'	
				BiCarbonate Mkr	5296'	
				B Limestone Mkr	5430'	
				Castle Peak	5956'	
				Basal Carbonate	NP	
				Total Depth (LOGGERS)	6390'	



**Scientific  
Drilling**

## Directional Survey Certification

7327 West Barton Road  
Casper, WY 82604  
(307)-472-6621 Fax (307) 472-5439

<b>Operator</b>	<u>Newfield Exploration Co.</u>
<b>Well Name &amp; No.</b>	<u>Travis Federal J-33-8-16</u>
<b>County &amp; State</b>	<u>Duchesne County, UT</u>
<b>SDI Job No.</b>	<u>42DEF0807599</u>
<b>Rig</b>	<u>NDSI 2</u>

I, Julie Cruse, having personal knowledge of all the facts, hereby certify that the attached directional survey run from a measured depth of 353 feet to a measured depth of 6400 feet is true and correct as determined from all available records.

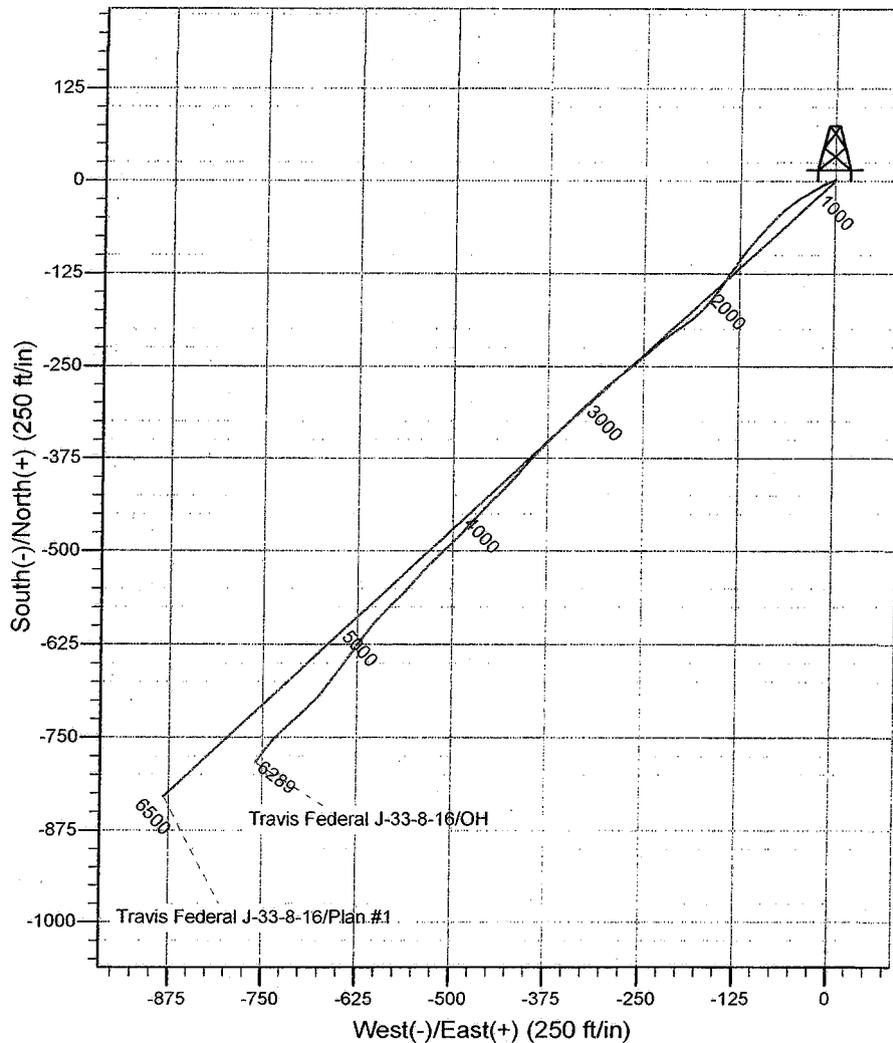
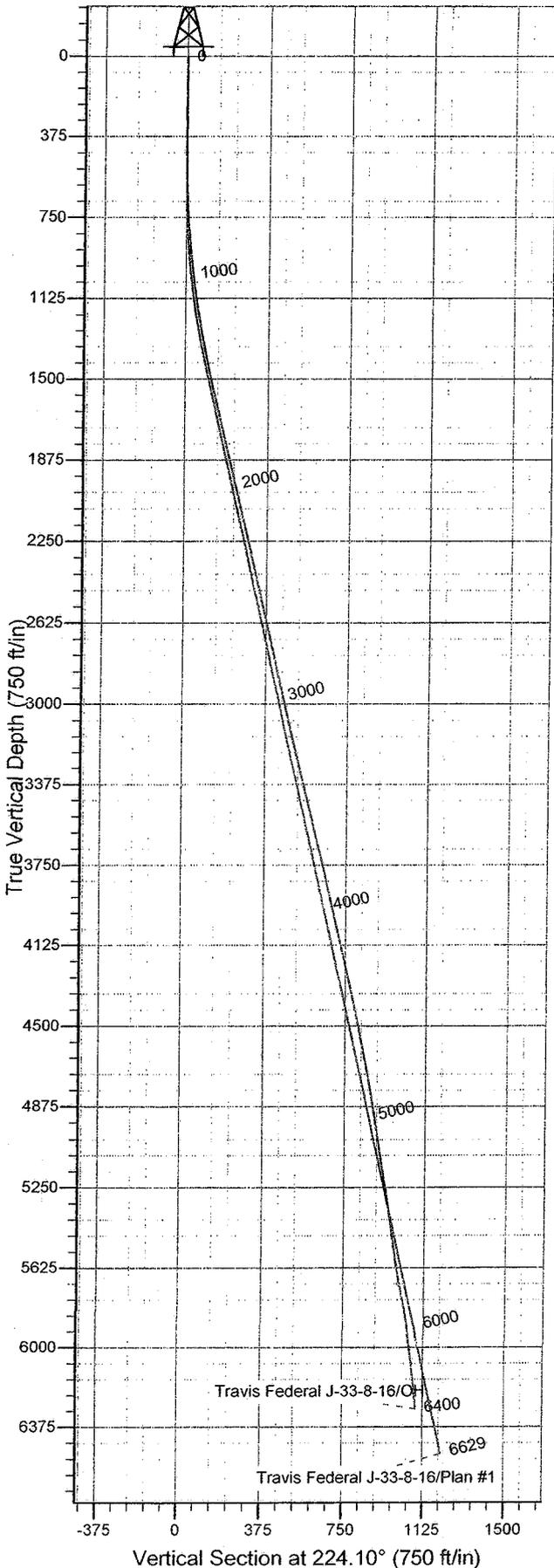
Julie Cruse

Signature

05-Aug-08

Date

**Julie Cruse**  
Rockies Region Engineer  
Scientific Drilling - Rocky Mountain District



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

		Ground Level GL 5563' & RKB 12' @ 5575.00ft (NDSI 2)			
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	7200830.20	2028596.63	40° 4' 47.420 N	110° 6' 45.590 W

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Travis Federal J-33-8-16, True North  
 Vertical (TVD) Reference: GL 5563' & RKB 12' @ 5575.00ft (NDSI 2)  
 Section (VS) Reference: Slot - (0.00N, 0.00E)  
 Measured Depth Reference: GL 5563' & RKB 12' @ 5575.00ft (NDSI 2)  
 Calculation Method: Minimum Curvature  
 Local North: True  
 Location: Sec 34 T8S R16E

PROJECT DETAILS: Duchesne County, UT NAD83 UTC

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

Design: OH (Travis Federal J-33-8-16/OH)

Created By: Julie Cruse Date: 2008-08-05

# **Newfield Exploration Co.**

Duchesne County, UT NAD83 UTC

Travis Federal J-33-8-16

Travis Federal J-33-8-16

OH

Design: OH

## **Standard Survey Report**

05 August, 2008

# Scientific Drilling

## Survey Report

**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT NAD83 UTC  
**Site:** Travis Federal J-33-8-16  
**Well:** Travis Federal J-33-8-16  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well Travis Federal J-33-8-16  
**TVD Reference:** GL 5563' & RKB 12' @ 5575.00ft (NDSI 2)  
**MD Reference:** GL 5563' & RKB 12' @ 5575.00ft (NDSI 2)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.16 Multi-User Db

<b>Project</b>	Duchesne County, UT NAD83 UTC		
<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 J-33-8-16, Sec 34 T8S R16E				
<b>Site Position:</b>		<b>Northing:</b>	7,200,830.21 ft	<b>Latitude:</b>	40° 4' 47.420 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,028,596.63 ft	<b>Longitude:</b>	110° 6' 45.590 W
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	in	<b>Grid Convergence:</b>	0.89 °

<b>Well</b>	Travis Federal J-33-8-16, 681' FNL & 659' FWL					
<b>Well Position</b>	<b>+N/-S</b>	0.00 ft	<b>Northing:</b>	7,200,830.20 ft	<b>Latitude:</b>	40° 4' 47.420 N
	<b>+E/-W</b>	0.00 ft	<b>Easting:</b>	2,028,596.63 ft	<b>Longitude:</b>	110° 6' 45.590 W
<b>Position Uncertainty</b>		0.00 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	5,563.00 ft

**Wellbore** OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2008/07/18	11.70	65.89	52,595

**Design** OH

**Audit Notes:**

<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<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>	
	0.00	0.00	0.00	224.10	

<b>Survey Program</b>	<b>Date</b>	2008/08/05			
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
353.00	6,400.00	Survey #1 (OH)	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)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
353.00	0.43	52.50	353.00	0.81	1.05	-1.31	0.12	0.12	0.00
384.00	0.59	24.81	384.00	1.02	1.21	-1.58	0.93	0.52	-89.32
414.00	0.14	7.94	413.99	1.20	1.28	-1.75	1.53	-1.50	-56.23
445.00	0.14	314.00	444.99	1.26	1.26	-1.78	0.41	0.00	-174.00
476.00	0.93	267.73	475.99	1.28	0.98	-1.60	2.71	2.55	-149.26
506.00	1.26	256.48	505.99	1.19	0.42	-1.15	1.31	1.10	-37.50
537.00	1.31	250.70	536.98	1.00	-0.25	-0.54	0.45	0.16	-18.65
568.00	1.59	261.74	567.97	0.82	-1.01	0.12	1.27	0.90	35.61
598.00	2.39	250.32	597.95	0.55	-2.01	1.01	2.96	2.67	-38.07
629.00	2.57	247.59	628.92	0.06	-3.26	2.23	0.69	0.58	-8.81
660.00	2.57	254.80	659.89	-0.38	-4.58	3.46	1.04	0.00	23.26
691.00	3.14	246.19	690.85	-0.91	-6.02	4.84	2.30	1.84	-27.77

# Scientific Drilling

## Survey Report

**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT NAD83 UTC  
**Site:** Travis Federal J-33-8-16  
**Well:** Travis Federal J-33-8-16  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well Travis Federal J-33-8-16  
**TVD Reference:** GL 5563' & RKB 12' @ 5575.00ft (NDSI 2)  
**MD Reference:** GL 5563' & RKB 12' @ 5575.00ft (NDSI 2)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.16 Multi-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)
721.00	3.48	248.50	720.80	-1.57	-7.62	6.44	1.22	1.13	7.70
752.00	3.94	244.69	751.74	-2.37	-9.46	8.29	1.68	1.48	-12.29
783.00	4.43	242.47	782.66	-3.38	-11.48	10.42	1.66	1.58	-7.16
813.00	5.28	243.38	812.55	-4.54	-13.75	12.82	2.84	2.83	3.03
844.00	5.74	238.60	843.40	-5.98	-16.34	15.67	2.09	1.48	-15.42
875.00	5.66	236.55	874.25	-7.63	-18.94	18.67	0.71	-0.26	-6.61
906.00	5.88	239.11	905.09	-9.29	-21.58	21.69	1.09	0.71	8.26
937.00	6.20	240.63	935.92	-10.93	-24.40	24.83	1.15	1.03	4.90
969.00	6.67	239.11	967.72	-12.73	-27.50	28.28	1.56	1.47	-4.75
1,001.00	7.04	240.21	999.49	-14.66	-30.80	31.96	1.23	1.16	3.44
1,032.00	7.36	238.00	1,030.25	-16.65	-34.13	35.71	1.37	1.03	-7.13
1,064.00	7.72	238.30	1,061.97	-18.87	-37.70	39.79	1.13	1.12	0.94
1,096.00	8.30	239.90	1,093.66	-21.16	-41.53	44.09	1.94	1.81	5.00
1,128.00	8.61	238.56	1,125.31	-23.57	-45.57	48.64	1.15	0.97	-4.19
1,159.00	8.83	233.96	1,155.95	-26.18	-49.47	53.23	2.36	0.71	-14.84
1,191.00	8.96	231.31	1,187.57	-29.18	-53.40	58.12	1.34	0.41	-8.28
1,223.00	9.36	231.04	1,219.16	-32.37	-57.37	63.17	1.26	1.25	-0.84
1,254.00	10.14	232.65	1,249.71	-35.61	-61.50	68.37	2.67	2.52	5.19
1,286.00	10.42	228.06	1,281.20	-39.26	-65.89	74.05	2.70	0.87	-14.34
1,318.00	10.78	226.40	1,312.65	-43.25	-70.21	79.92	1.48	1.12	-5.19
1,350.00	10.86	224.32	1,344.08	-47.47	-74.49	85.93	1.25	0.25	-6.50
1,381.00	11.09	223.75	1,374.52	-51.72	-78.59	91.83	0.82	0.74	-1.84
1,413.00	11.60	221.96	1,405.89	-56.33	-82.87	98.12	1.94	1.59	-5.59
1,445.00	12.14	222.29	1,437.21	-61.21	-87.28	104.70	1.70	1.69	1.03
1,477.00	12.00	222.09	1,468.50	-66.17	-91.78	111.39	0.46	-0.44	-0.62
1,508.00	12.61	222.49	1,498.79	-71.06	-96.22	117.99	1.99	1.97	1.29
1,540.00	12.70	219.59	1,530.01	-76.35	-100.82	124.99	2.01	0.28	-9.06
1,572.00	13.07	220.17	1,561.20	-81.82	-105.40	132.11	1.22	1.16	1.81
1,603.00	12.88	218.65	1,591.41	-87.20	-109.82	139.04	1.26	-0.61	-4.90
1,634.00	13.15	215.72	1,621.62	-92.76	-114.04	145.97	2.30	0.87	-9.45
1,667.00	13.65	216.98	1,653.72	-98.92	-118.57	153.55	1.75	1.52	3.82
1,699.00	13.63	215.69	1,684.82	-105.00	-123.04	161.03	0.95	-0.06	-4.03
1,730.00	13.16	214.10	1,714.97	-110.89	-127.15	168.11	1.93	-1.52	-5.13
1,762.00	13.40	215.54	1,746.12	-116.92	-131.35	175.37	1.28	0.75	4.50
1,794.00	13.11	213.51	1,777.26	-122.96	-135.51	182.60	1.71	-0.91	-6.34
1,825.00	13.08	211.93	1,807.46	-128.87	-139.30	189.49	1.16	-0.10	-5.10
1,857.00	13.06	212.56	1,838.63	-134.99	-143.16	196.57	0.45	-0.06	1.97
1,952.00	13.24	215.44	1,931.14	-152.90	-155.25	217.84	0.72	0.19	3.03
2,047.00	12.89	222.30	2,023.69	-169.60	-168.69	239.19	1.67	-0.37	7.22
2,143.00	12.71	229.40	2,117.31	-184.40	-183.91	260.41	1.65	-0.19	7.40
2,238.00	13.94	234.42	2,209.75	-197.86	-201.16	282.07	1.78	1.29	5.28
2,333.00	12.89	233.31	2,302.16	-210.85	-218.96	303.79	1.14	-1.11	-1.17
2,428.00	12.68	227.95	2,394.80	-224.16	-235.20	324.66	1.27	-0.22	-5.64
2,523.00	12.76	230.01	2,487.47	-237.89	-250.98	345.49	0.48	0.08	2.17
2,618.00	13.28	228.94	2,580.03	-251.80	-267.25	366.80	0.60	0.55	-1.13
2,714.00	12.84	230.03	2,673.55	-265.89	-283.74	388.40	0.53	-0.46	1.14
2,809.00	12.80	226.94	2,766.18	-279.86	-299.52	409.41	0.72	-0.04	-3.25
2,904.00	12.88	225.99	2,858.81	-294.40	-314.82	430.50	0.24	0.08	-1.00
2,999.00	12.91	225.48	2,951.41	-309.20	-330.00	451.69	0.12	0.03	-0.54
3,094.00	13.39	225.85	3,043.92	-324.30	-345.46	473.30	0.51	0.51	0.39
3,189.00	12.89	225.70	3,136.43	-339.36	-360.94	494.89	0.53	-0.53	-0.16
3,284.00	12.75	223.11	3,229.06	-354.42	-375.69	515.96	0.62	-0.15	-2.73
3,379.00	13.93	223.24	3,321.50	-370.40	-390.68	537.88	1.24	1.24	0.14
3,474.00	13.16	220.81	3,413.86	-386.92	-405.59	560.11	1.01	-0.81	-2.56

# Scientific Drilling

## Survey Report

**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT NAD83 UTC  
**Site:** Travis Federal J-33-8-16  
**Well:** Travis Federal J-33-8-16  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well Travis Federal J-33-8-16  
**TVD Reference:** GL 5563' & RKB 12' @ 5575.00ft (NDSI 2)  
**MD Reference:** GL 5563' & RKB 12' @ 5575.00ft (NDSI 2)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.16 Multi-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)
3,570.00	12.77	220.50	3,507.41	-403.25	-419.62	581.61	0.41	-0.41	-0.32
3,665.00	14.31	226.60	3,599.77	-419.31	-434.97	603.82	2.21	1.62	6.42
3,760.00	13.74	223.91	3,691.94	-435.50	-451.32	626.83	0.91	-0.60	-2.83
3,855.00	13.18	222.39	3,784.33	-451.63	-466.45	648.94	0.70	-0.59	-1.60
3,950.00	12.59	219.88	3,876.94	-467.57	-480.39	670.09	0.86	-0.62	-2.64
4,045.00	12.81	225.98	3,969.62	-482.84	-494.60	690.94	1.43	0.23	6.42
4,140.00	12.48	225.28	4,062.31	-497.38	-509.47	711.73	0.38	-0.35	-0.74
4,236.00	13.49	224.75	4,155.86	-512.63	-524.72	733.30	1.06	1.05	-0.55
4,331.00	12.94	222.80	4,248.34	-528.31	-539.75	755.01	0.75	-0.58	-2.05
4,426.00	12.34	220.51	4,341.04	-543.83	-553.57	775.78	0.82	-0.63	-2.41
4,521.00	12.50	225.25	4,433.82	-558.78	-567.47	796.19	1.09	0.17	4.99
4,616.00	11.62	225.65	4,526.72	-572.71	-581.61	816.03	0.93	-0.93	0.42
4,711.00	10.99	221.31	4,619.88	-586.20	-594.43	834.64	1.11	-0.66	-4.57
4,807.00	10.53	218.65	4,714.19	-599.92	-605.95	852.51	0.71	-0.48	-2.77
4,902.00	9.60	216.58	4,807.73	-613.07	-616.09	869.01	1.05	-0.98	-2.18
4,997.00	9.42	214.86	4,901.42	-625.81	-625.26	884.53	0.35	-0.19	-1.81
5,092.00	9.36	216.26	4,995.15	-638.41	-634.27	899.86	0.25	-0.06	1.47
5,187.00	8.97	217.28	5,088.94	-650.54	-643.33	914.87	0.44	-0.41	1.07
5,282.00	9.03	215.34	5,182.77	-662.51	-652.12	929.59	0.33	0.06	-2.04
5,377.00	9.55	217.29	5,276.52	-674.86	-661.21	944.78	0.64	0.55	2.05
5,473.00	8.06	215.58	5,371.39	-686.67	-669.95	959.35	1.58	-1.55	-1.78
5,568.00	7.69	223.39	5,465.49	-696.71	-678.19	972.29	1.19	-0.39	8.22
5,663.00	8.20	226.00	5,559.58	-706.03	-687.43	985.42	0.66	0.54	2.75
5,739.00	9.07	224.05	5,634.72	-714.10	-695.50	996.82	1.21	1.14	-2.57
5,834.00	11.30	228.58	5,728.22	-725.65	-707.69	1,013.59	2.49	2.35	4.77
5,929.00	10.27	226.16	5,821.54	-737.67	-720.77	1,031.34	1.18	-1.08	-2.55
6,025.00	8.36	221.80	5,916.27	-748.80	-731.60	1,046.86	2.12	-1.99	-4.54
6,120.00	7.67	221.82	6,010.34	-758.67	-740.43	1,060.10	0.73	-0.73	0.02
6,215.00	6.74	215.71	6,104.59	-767.92	-747.91	1,071.95	1.27	-0.98	-6.43
6,310.00	6.09	216.25	6,199.00	-776.52	-754.14	1,082.46	0.69	-0.68	0.57
6,350.00	5.55	216.70	6,238.79	-779.78	-756.56	1,086.48	1.35	-1.35	1.12
6,400.00	5.55	216.70	6,288.56	-783.65	-759.45	1,091.27	0.00	0.00	0.00

### Targets

#### Target Name

- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- Shape									
T J-33-8-16	0.00	0.00	5,300.00	-648.00	-689.00	7,200,171.60	2,027,917.76	40° 4' 41.016 N	110° 6' 54.454 W
- actual wellpath misses target center by 39.28ft at 5399.43ft MD (5298.65 TVD, -677.78 N, -663.42 E)									
- Circle (radius 75.00)									

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