

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No. UTU-49092	
6. If Indian, Allottee or Tribe Name N/A	
7. If Unit or CA Agreement, Name and No. Wells Draw Unit	
8. Lease Name and Well No. Wells Draw Federal X-33-8-16	
9. API Well No. 43-013-33515	
10. Field and Pool, or Exploratory Monument Butte 105	
11. Sec., T., R., M., or Blk. and Survey or Area Sec. 4 T9S R16E	
12. County or Parish Duchesne	13. State UT
14. Distance in miles and direction from nearest town or post office* Approximatley 12.9 miles southwest of Myton, Utah	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 0' f/lse, 2640' 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. 1420'
19. Proposed Depth 6485'	20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5749' GL	22. Approximate date work will start* 2nd 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:

- |   |  |
|---|--|
| 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 1/18/07
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 01-29-07
Title ENVIRONMENTAL MANAGER		

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

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

\*(Instructions on reverse)

**Federal Approval of this Action is Necessary**

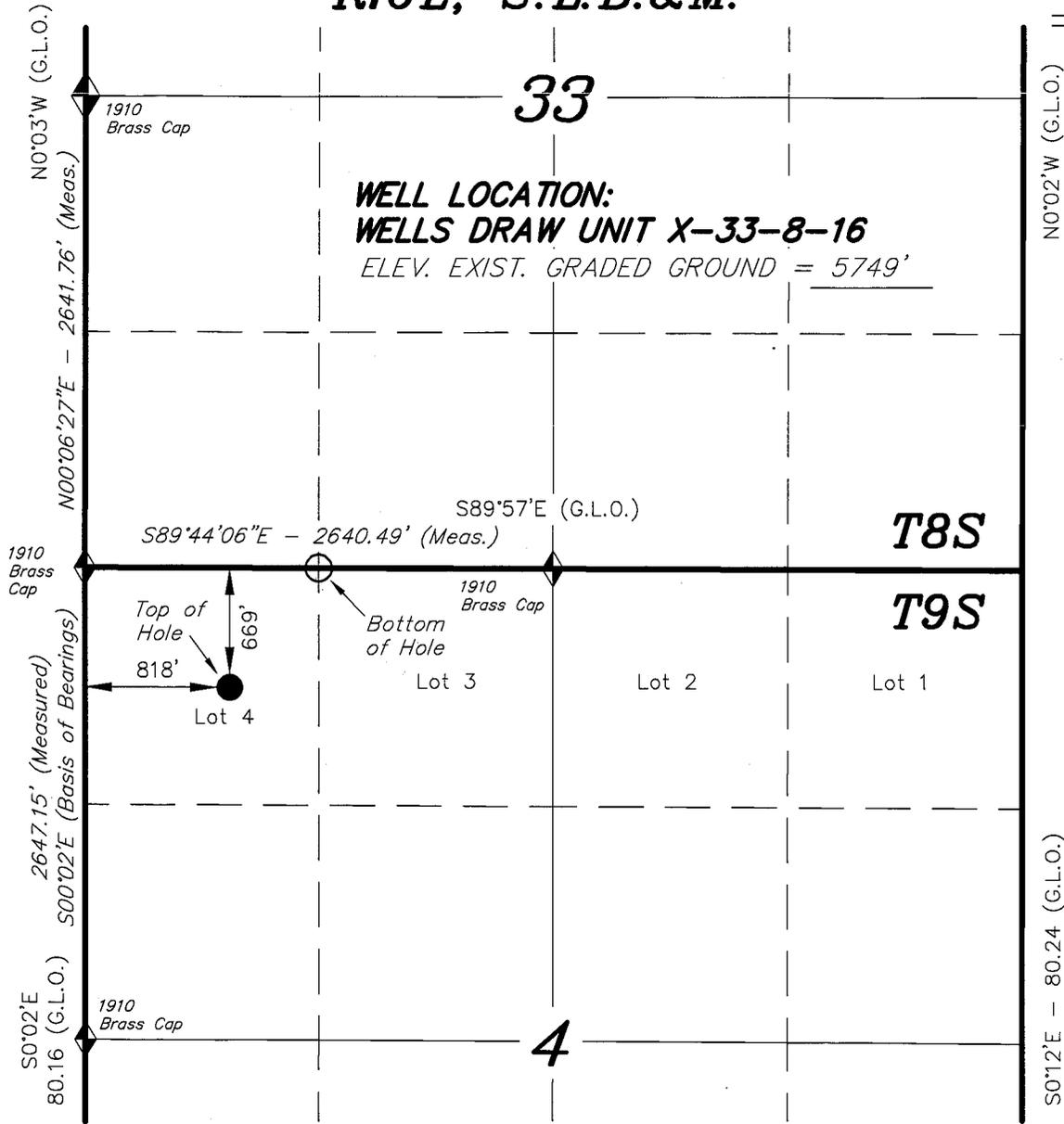
Surf  
574175X  
44351634  
40.065354  
-110.130231

BLM 574 322X  
44353684  
40.06719  
-110.12848

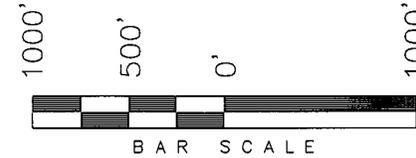
RECEIVED  
JAN 22 2007  
DIV. OF OIL, GAS & MINING

R16 E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY



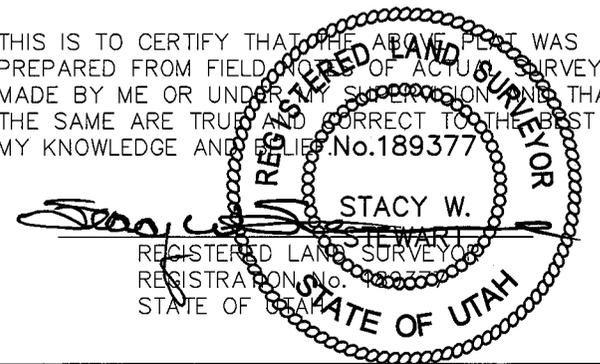
WELL LOCATION, WELLS DRAW UNIT X-33-8-16, LOCATED AS SHOWN IN NW 1/4 NW 1/4 OF SECTION 4, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



**Note:**

1. The bottom of hole (X-33-8-16 SW/SW) bears N36°58'13"E 834.93' from the well head.
2. The Bottom of Hole footages are 0' FSL & 1320' FWL

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



◆ = SECTION CORNERS LOCATED

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

WELLS DRAW UNIT X-33-8-16  
(Surface Location) NAD 83  
LATITUDE = 40° 03' 55.33"  
LONGITUDE = 110° 07' 51.34"

**TRI STATE LAND SURVEYING & CONSULTING**

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

DATE SURVEYED: 11-13-06	SURVEYED BY: C.M.
DATE DRAWN: 11-21-06	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY  
WELLS DRAW FEDERAL #X-33-8-16  
AT SURFACE: NW/NW SECTION 4, T9S, R16E  
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:  
Uinta formation of Upper Eocene Age
2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:  
Uinta                    0' – 2400'  
Green River            2400'  
Wasatch                6485'
3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:  
Green River Formation 2400' – 6485' - 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  
WELLS DRAW FEDERAL #X-33-8-16  
AT SURFACE: NW/NW SECTION 4, T9S, R16E  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**MULTI-POINT SURFACE USE & OPERATIONS PLAN**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Newfield Production Company well location site Wells Draw Federal #X-33-8-16 located in the NW 1/4 NW 1/4 Section 4, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 6.5 miles  $\pm$  to it's junction with an existing dirt road to the southwest; proceed southwesterly - 4.8 miles  $\pm$  to the existing Federal 11-4G-9-16 well lcoation.

**2. PLANNED ACCESS ROAD**

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Federal 11-4G-9-16 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 Federal 11-4G-9-16 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Wells Draw Federal X-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 Wells Draw Federal X-33-8-16 will be drilled off of the existing Federal 11-4G-9-16 well pad. No additional surface disturbance will be required for this location.

**7. METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

**8. ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

Newfield Production Company requests 100' of disturbed area be granted in Lease UTU-49092 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.

**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.

**Reserve Pit Liner**

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

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

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

Shadscale	<i>Atriplex Centertifolia</i>	3 lbs/acre
Galletta Grass	<i>Hilaria Jamesii</i>	6 lbs/acre

**Details of the On-Site Inspection**

The proposed Wells Draw Federal #X-33-8-16 was on-sited on 12/8/06. The following were present; Dave Allred (Newfeild Production), Kim Kettle (Newfeild 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

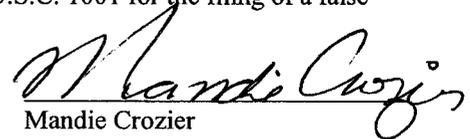
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #X-33-8-16 Section 4, Township 9S, Range 16E: Lease UTU-49092 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.

1/18/07

Date



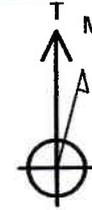
Mandie Crozier  
Regulatory Specialist  
Newfield Production Company



**Scientific Drilling**  
Rocky Mountain Operations

Project: Duchesne County, UT  
Site: Wells Draw Unit X-33-8-16  
Well: Wells Draw Unit X-33-8-16  
Wellbore: OH  
Design: Plan #1

**Howfield Exploration Co.**

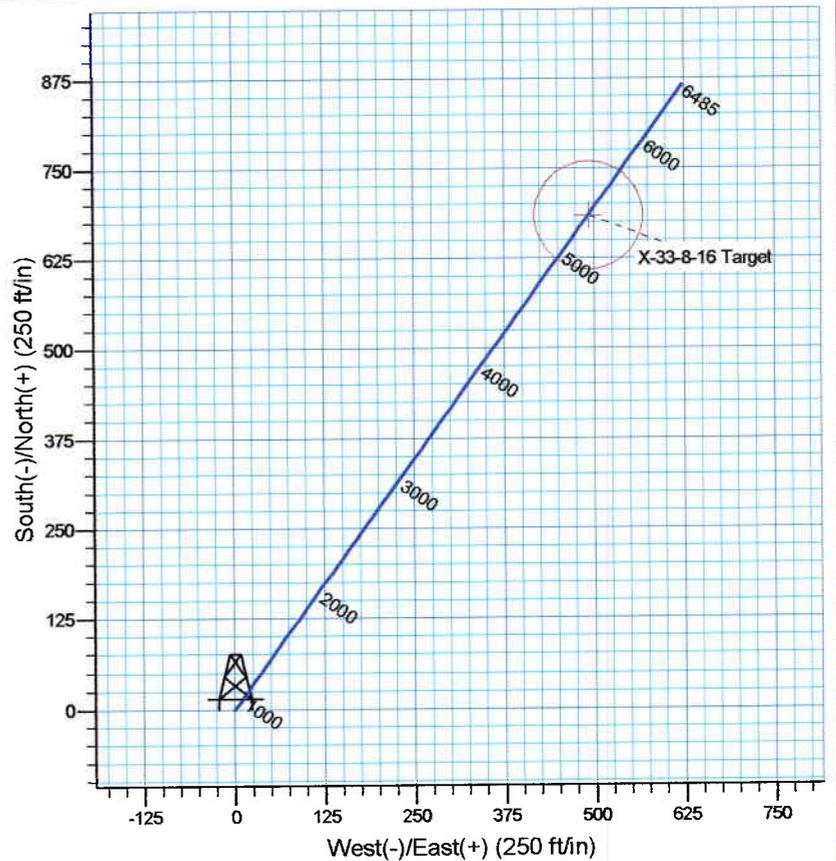
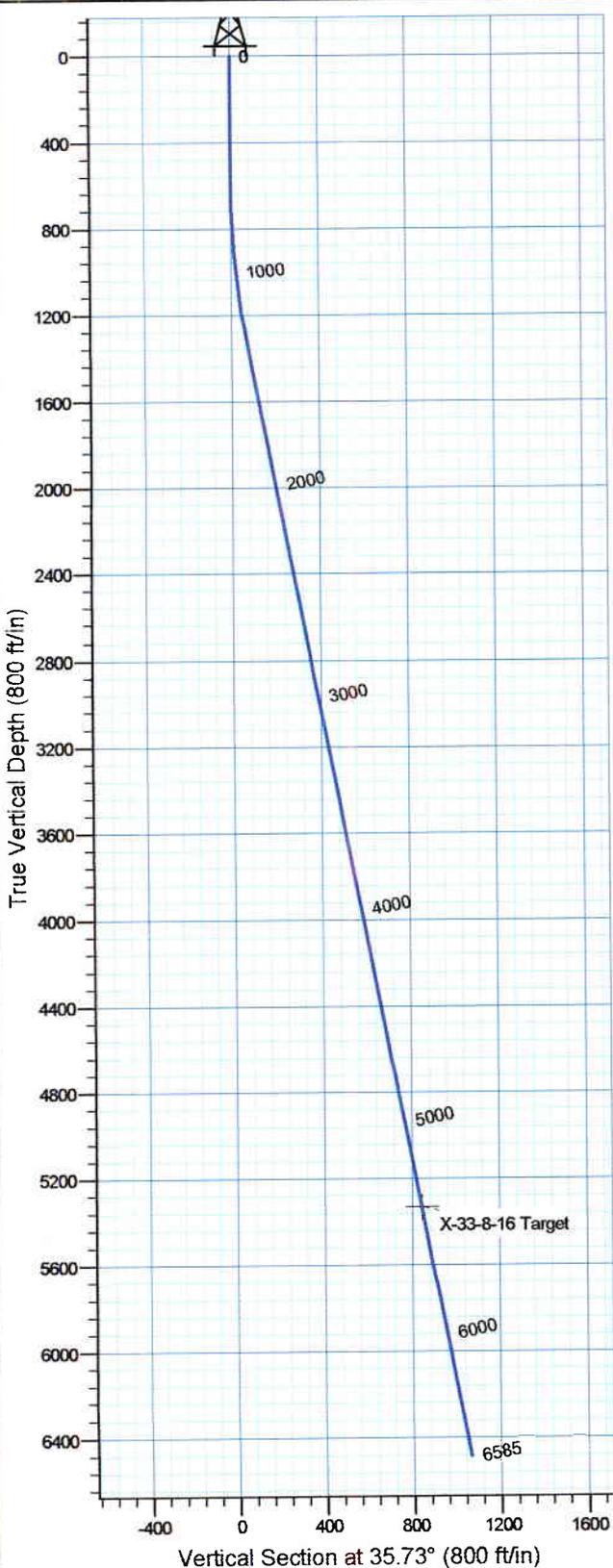


Azimuths to True North  
Magnetic North: 11.91°

Magnetic Field  
Strength: 52733.0nT  
Dip Angle: 65.92°  
Date: 2006-12-15  
Model: IGRF2005-10

WELL DETAILS: Wells Draw Unit X-33-8-16

GL 5749' & RKB 12' @ 5761.00ft 5749.00  
+N/-S +E/-W Northing Easting Latitude Longitude  
0.00 0.00 7195481.48 2023567.46 40° 3' 55.330 N 110° 7' 51.340 W



FORMATION TOP DETAILS

Formation data is available

Plan: Plan #1 (Wells Draw Unit X-33-8-16/OH)

Created By: Julie Cruse Date: 2006-12-15

PROJECT DETAILS: Duchesne County, UT

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

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

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
	31328.41	10.93	35.73	1324.00	56.21	40.43	1.50	35.73	69.24	
	4408.37	10.93	35.73	5330.00	684.00	492.00	0.00	0.00	842.57	X-33-8-16 Target
	5584.69	10.93	35.73	6485.00	865.00	622.19	0.00	0.00	1065.53	

# **Newfield Exploration Co.**

**Duchesne County, UT**

**Wells Draw Unit X-33-8-16**

**Wells Draw Unit X-33-8-16**

**OH**

**Plan: Plan #1**

## **Standard Planning Report**

**15 December, 2006**

## Scientific Drilling Planning Report

<b>Database:</b>	EDM 2003.14.1.0 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Wells Draw Unit X-33-8-16
<b>Company:</b>	Newfield Exploration Co.	<b>TVD Reference:</b>	GL 5749' & RKB 12' @ 5761.00ft
<b>Project:</b>	Duchesne County, UT	<b>MD Reference:</b>	GL 5749' & RKB 12' @ 5761.00ft
<b>Site:</b>	Wells Draw Unit X-33-8-16	<b>North Reference:</b>	True
<b>Well:</b>	Wells Draw Unit X-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>	Wells Draw Unit X-33-8-16, Sec 33 T9S R16E				
<b>Site Position:</b>		<b>Northing:</b>	7,195,481.48 ft	<b>Latitude:</b>	40° 3' 55.330 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,023,567.46 ft	<b>Longitude:</b>	110° 7' 51.340 W
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	in	<b>Grid Convergence:</b>	0.88 °

<b>Well</b>	Wells Draw Unit X-33-8-16, 669' FNL, 818' FWL					
<b>Well Position</b>	<b>+N-S</b>	0.00 ft	<b>Northing:</b>	7,195,481.48 ft	<b>Latitude:</b>	40° 3' 55.330 N
	<b>+E-W</b>	0.00 ft	<b>Easting:</b>	2,023,567.46 ft	<b>Longitude:</b>	110° 7' 51.340 W
<b>Position Uncertainty</b>		0.00 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	5,749.00 ft

<b>Wellbore</b>	OH				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2005-10	2006-12-15	11.91	65.92	52,733

<b>Design</b>	Plan #1				
<b>Audit Notes:</b>					
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.00	
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N-S (ft)</b>	<b>+E-W (ft)</b>	<b>Direction (°)</b>	
	0.00	0.00	0.00	35.73	

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)	TFO (°)	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	
1,328.41	10.93	35.73	1,324.00	56.21	40.43	1.50	1.50	0.00	35.73	
5,408.37	10.93	35.73	5,330.00	684.00	492.00	0.00	0.00	0.00	0.00	X-33-8-16 Target
6,584.69	10.93	35.73	6,485.00	865.00	622.19	0.00	0.00	0.00	0.00	

## Scientific Drilling Planning Report

<b>Database:</b>	EDM 2003.14.1.0 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Wells Draw Unit X-33-8-16
<b>Company:</b>	Newfield Exploration Co.	<b>TVD Reference:</b>	GL 5749' & RKB 12' @ 5761.00ft
<b>Project:</b>	Duchesne County, UT	<b>MD Reference:</b>	GL 5749' & RKB 12' @ 5761.00ft
<b>Site:</b>	Wells Draw Unit X-33-8-16	<b>North Reference:</b>	True
<b>Well:</b>	Wells Draw Unit X-33-8-16	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	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
700.00	1.50	35.73	699.99	1.06	0.76	1.31	1.50	1.50	0.00
800.00	3.00	35.73	799.91	4.25	3.06	5.23	1.50	1.50	0.00
900.00	4.50	35.73	899.69	9.56	6.88	11.77	1.50	1.50	0.00
1,000.00	6.00	35.73	999.27	16.99	12.22	20.92	1.50	1.50	0.00
1,100.00	7.50	35.73	1,098.57	26.53	19.08	32.68	1.50	1.50	0.00
1,200.00	9.00	35.73	1,197.54	38.18	27.46	47.03	1.50	1.50	0.00
1,300.00	10.50	35.73	1,296.09	51.92	37.35	63.96	1.50	1.50	0.00
1,328.41	10.93	35.73	1,324.00	56.21	40.43	69.24	1.50	1.50	0.00
1,400.00	10.93	35.73	1,394.30	67.23	48.36	82.81	0.00	0.00	0.00
1,500.00	10.93	35.73	1,492.48	82.61	59.42	101.77	0.00	0.00	0.00
1,600.00	10.93	35.73	1,590.67	98.00	70.49	120.72	0.00	0.00	0.00
1,700.00	10.93	35.73	1,688.86	113.39	81.56	139.67	0.00	0.00	0.00
1,800.00	10.93	35.73	1,787.04	128.78	92.63	158.63	0.00	0.00	0.00
1,900.00	10.93	35.73	1,885.23	144.16	103.70	177.58	0.00	0.00	0.00
2,000.00	10.93	35.73	1,983.42	159.55	114.76	196.54	0.00	0.00	0.00
2,100.00	10.93	35.73	2,081.61	174.94	125.83	215.49	0.00	0.00	0.00
2,200.00	10.93	35.73	2,179.79	190.32	136.90	234.45	0.00	0.00	0.00
2,300.00	10.93	35.73	2,277.98	205.71	147.97	253.40	0.00	0.00	0.00
2,400.00	10.93	35.73	2,376.17	221.10	159.04	272.35	0.00	0.00	0.00
2,500.00	10.93	35.73	2,474.36	236.49	170.10	291.31	0.00	0.00	0.00
2,600.00	10.93	35.73	2,572.54	251.87	181.17	310.26	0.00	0.00	0.00
2,700.00	10.93	35.73	2,670.73	267.26	192.24	329.22	0.00	0.00	0.00
2,800.00	10.93	35.73	2,768.92	282.65	203.31	348.17	0.00	0.00	0.00
2,900.00	10.93	35.73	2,867.10	298.03	214.38	367.13	0.00	0.00	0.00
3,000.00	10.93	35.73	2,965.29	313.42	225.44	386.08	0.00	0.00	0.00
3,100.00	10.93	35.73	3,063.48	328.81	236.51	405.03	0.00	0.00	0.00
3,200.00	10.93	35.73	3,161.67	344.20	247.58	423.99	0.00	0.00	0.00
3,300.00	10.93	35.73	3,259.85	359.58	258.65	442.94	0.00	0.00	0.00
3,400.00	10.93	35.73	3,358.04	374.97	269.72	461.90	0.00	0.00	0.00
3,500.00	10.93	35.73	3,456.23	390.36	280.78	480.85	0.00	0.00	0.00
3,600.00	10.93	35.73	3,554.42	405.74	291.85	499.81	0.00	0.00	0.00
3,700.00	10.93	35.73	3,652.60	421.13	302.92	518.76	0.00	0.00	0.00
3,800.00	10.93	35.73	3,750.79	436.52	313.99	537.71	0.00	0.00	0.00
3,900.00	10.93	35.73	3,848.98	451.91	325.05	556.67	0.00	0.00	0.00
4,000.00	10.93	35.73	3,947.16	467.29	336.12	575.62	0.00	0.00	0.00
4,100.00	10.93	35.73	4,045.35	482.68	347.19	594.58	0.00	0.00	0.00
4,200.00	10.93	35.73	4,143.54	498.07	358.26	613.53	0.00	0.00	0.00
4,300.00	10.93	35.73	4,241.73	513.45	369.33	632.49	0.00	0.00	0.00
4,400.00	10.93	35.73	4,339.91	528.84	380.39	651.44	0.00	0.00	0.00
4,500.00	10.93	35.73	4,438.10	544.23	391.46	670.39	0.00	0.00	0.00
4,600.00	10.93	35.73	4,536.29	559.62	402.53	689.35	0.00	0.00	0.00
4,700.00	10.93	35.73	4,634.47	575.00	413.60	708.30	0.00	0.00	0.00
4,800.00	10.93	35.73	4,732.66	590.39	424.67	727.26	0.00	0.00	0.00
4,900.00	10.93	35.73	4,830.85	605.78	435.73	746.21	0.00	0.00	0.00
5,000.00	10.93	35.73	4,929.04	621.16	446.80	765.16	0.00	0.00	0.00
5,100.00	10.93	35.73	5,027.22	636.55	457.87	784.12	0.00	0.00	0.00
5,200.00	10.93	35.73	5,125.41	651.94	468.94	803.07	0.00	0.00	0.00

**Scientific Drilling**  
Planning Report

<b>Database:</b>	EDM 2003.14.1.0 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Wells Draw Unit X-33-8-16
<b>Company:</b>	Newfield Exploration Co.	<b>TVD Reference:</b>	GL 5749' & RKB 12' @ 5761.00ft
<b>Project:</b>	Duchesne County, UT	<b>MD Reference:</b>	GL 5749' & RKB 12' @ 5761.00ft
<b>Site:</b>	Wells Draw Unit X-33-8-16	<b>North Reference:</b>	True
<b>Well:</b>	Wells Draw Unit X-33-8-16	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #1		

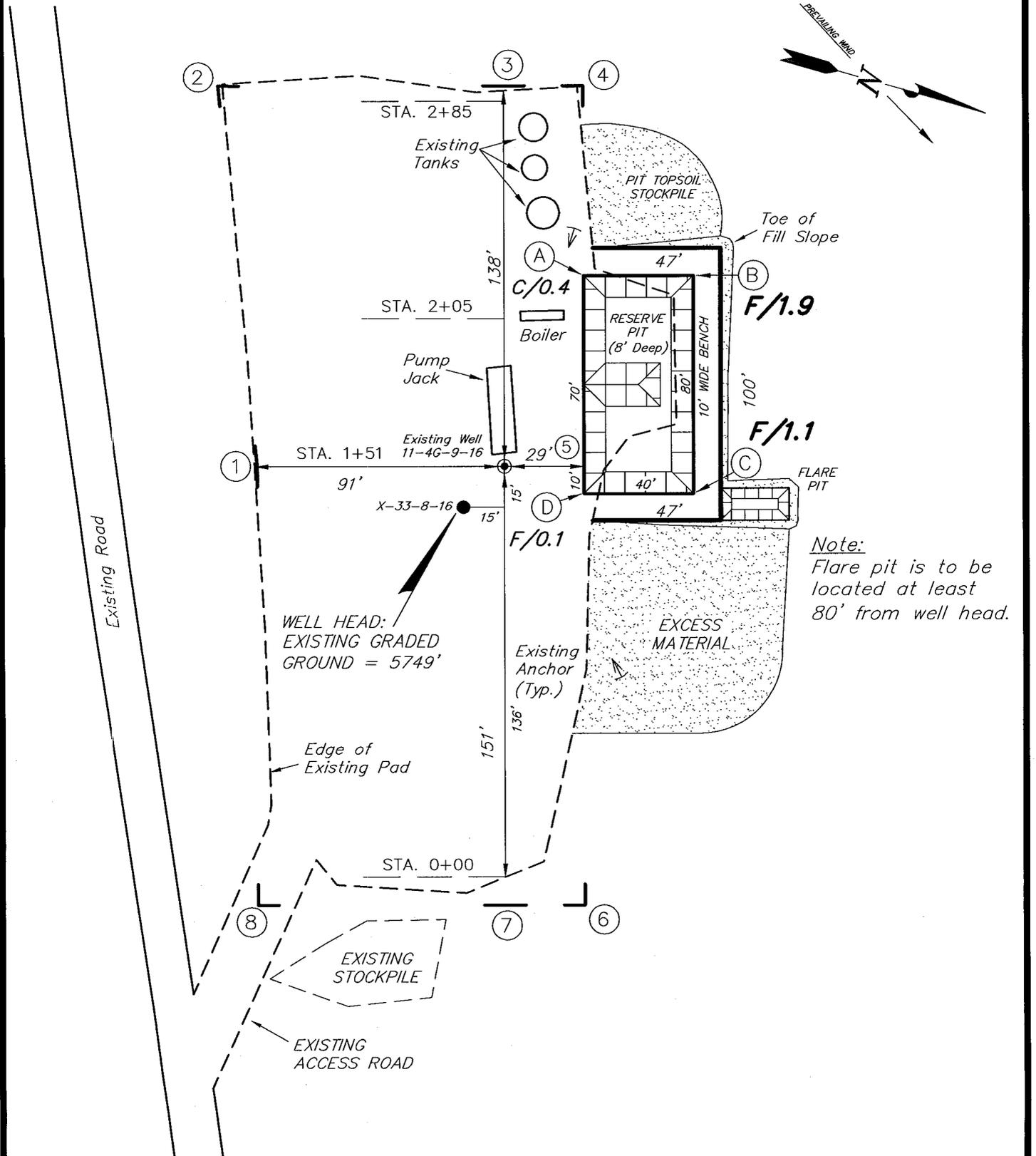
Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
5,300.00	10.93	35.73	5,223.60	667.33	480.01	822.03	0.00	0.00	0.00	
5,400.00	10.93	35.73	5,321.79	682.71	491.07	840.98	0.00	0.00	0.00	
5,408.37	10.93	35.73	5,330.00	684.00	492.00	842.57	0.00	0.00	0.00	
<b>X-33-8-16 Target</b>										
5,500.00	10.93	35.73	5,419.97	698.10	502.14	859.94	0.00	0.00	0.00	
5,600.00	10.93	35.73	5,518.16	713.49	513.21	878.89	0.00	0.00	0.00	
5,700.00	10.93	35.73	5,616.35	728.87	524.28	897.84	0.00	0.00	0.00	
5,800.00	10.93	35.73	5,714.53	744.26	535.35	916.80	0.00	0.00	0.00	
5,900.00	10.93	35.73	5,812.72	759.65	546.41	935.75	0.00	0.00	0.00	
6,000.00	10.93	35.73	5,910.91	775.04	557.48	954.71	0.00	0.00	0.00	
6,100.00	10.93	35.73	6,009.10	790.42	568.55	973.66	0.00	0.00	0.00	
6,200.00	10.93	35.73	6,107.28	805.81	579.62	992.62	0.00	0.00	0.00	
6,300.00	10.93	35.73	6,205.47	821.20	590.69	1,011.57	0.00	0.00	0.00	
6,400.00	10.93	35.73	6,303.66	836.58	601.75	1,030.52	0.00	0.00	0.00	
6,500.00	10.93	35.73	6,401.85	851.97	612.82	1,049.48	0.00	0.00	0.00	
6,584.69	10.93	35.73	6,485.00	865.00	622.19	1,065.53	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	
X-33-8-16 Target	0.00	0.00	5,330.00	684.00	492.00	7,196,172.93	2,024,048.94	40° 4' 2.090 N	110° 7' 45.011 W	
- hit/miss target										
- Shape										
- plan hits target										
- Circle (radius 75.00)										

# NEWFIELD PRODUCTION COMPANY

**WELL DRAW UNIT X-33-8-16 (Proposed Well)**  
**WELLS DRAW UNIT 11-4G-9-16 (Existing Well)**

Pad Location: NWNW Section 4, T9S, R16E, S.L.B.&M.



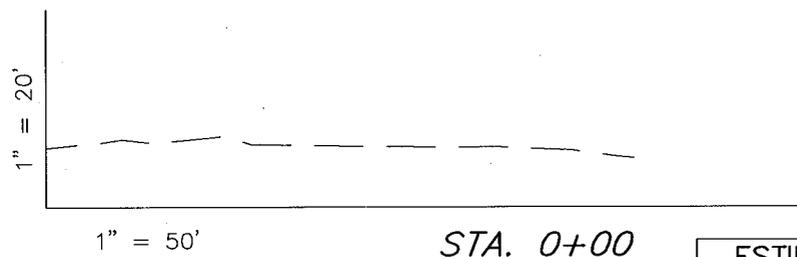
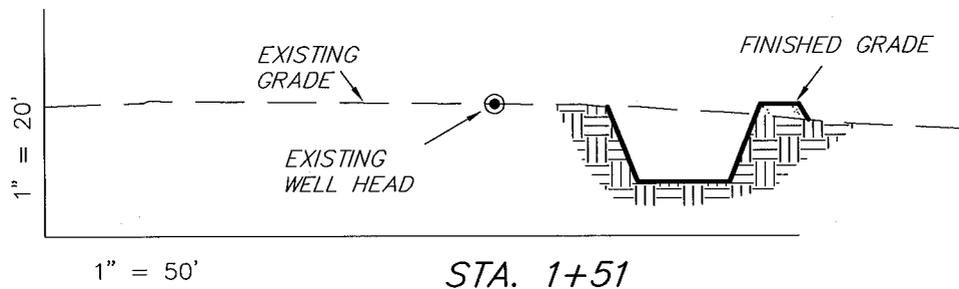
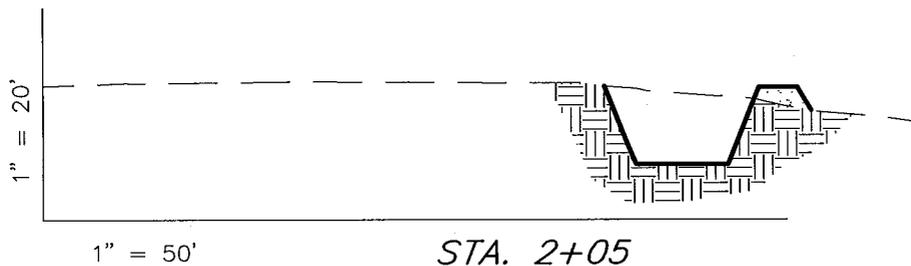
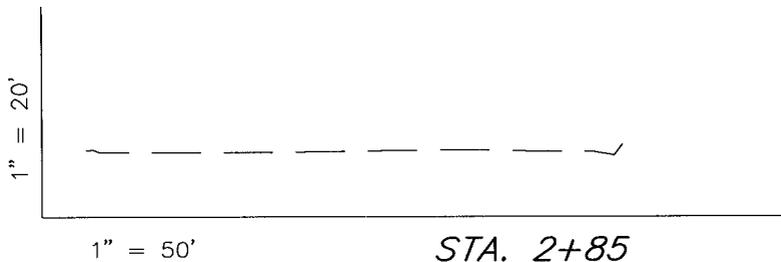
Note:  
 Flare pit is to be located at least 80' from well head.

SURVEYED BY: C.M.	SCALE: 1" = 50'	<b>Tri State</b> Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078 (435) 781-2501
DRAWN BY: F.T.M.	DATE: 11-20-06	

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS

*WELL DRAW UNIT X-33-8-16 (Proposed Well)*  
*WELLS DRAW UNIT 11-4G-9-16 (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	0	140	Topsoil is not included in Pad Cut	-140
PIT	570	0		570
<b>TOTALS</b>	<b>570</b>	<b>140</b>	<b>130</b>	<b>430</b>

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

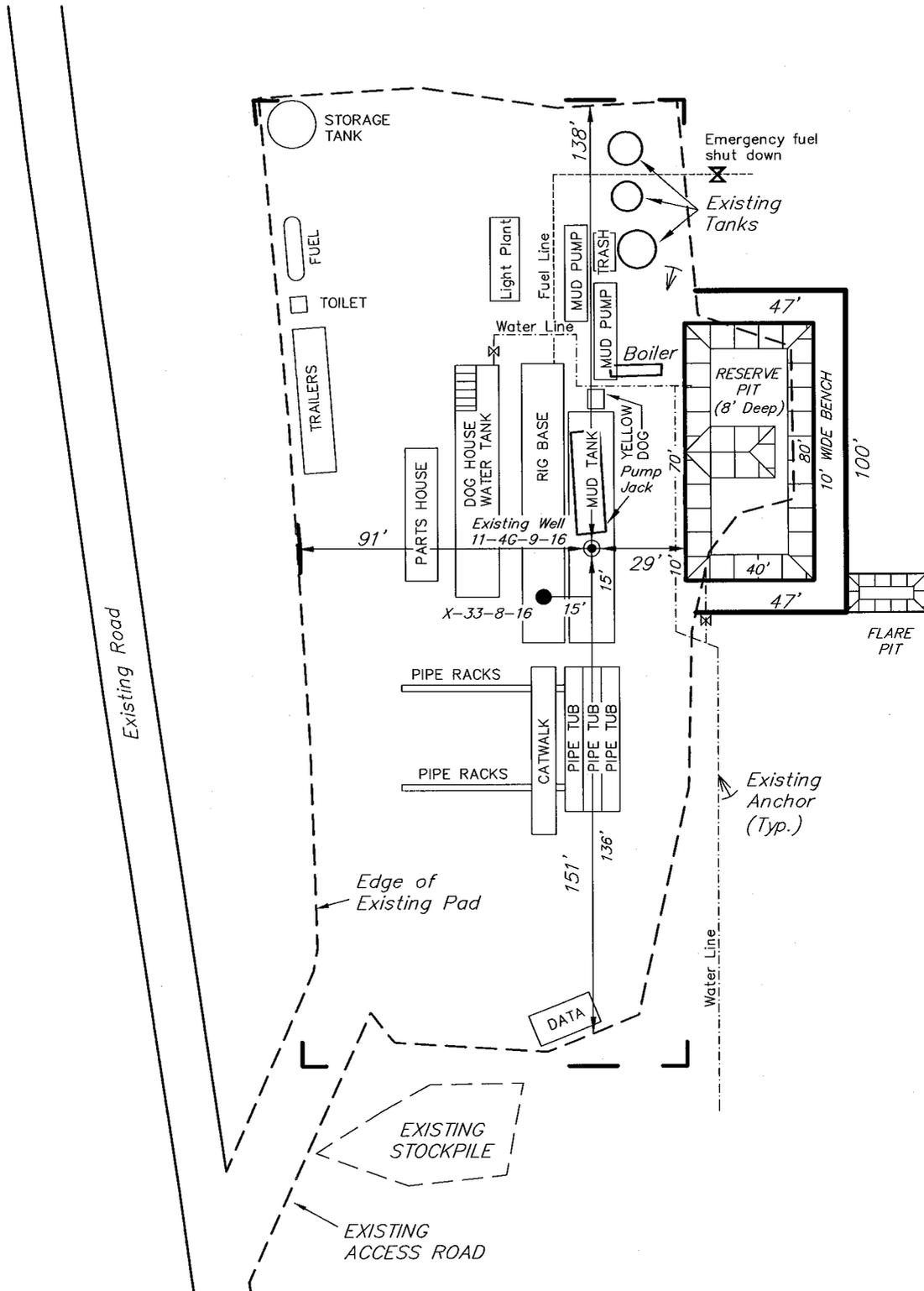
DATE: 11-20-06

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

# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

WELL DRAW UNIT X-33-8-16 (Proposed Well)  
 WELLS DRAW UNIT 11-4G-9-16 (Existing Well)



REVISED:

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 11-20-06

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

# Newfield Production Company Proposed Site Facility Diagram

Wells Draw Federal X-33-8-16

From the 11-4G-9-16 Location

NW/NW Sec. 4 T9S, 16E

Duchesne County, Utah

UTU-49092

**Production Phase:**

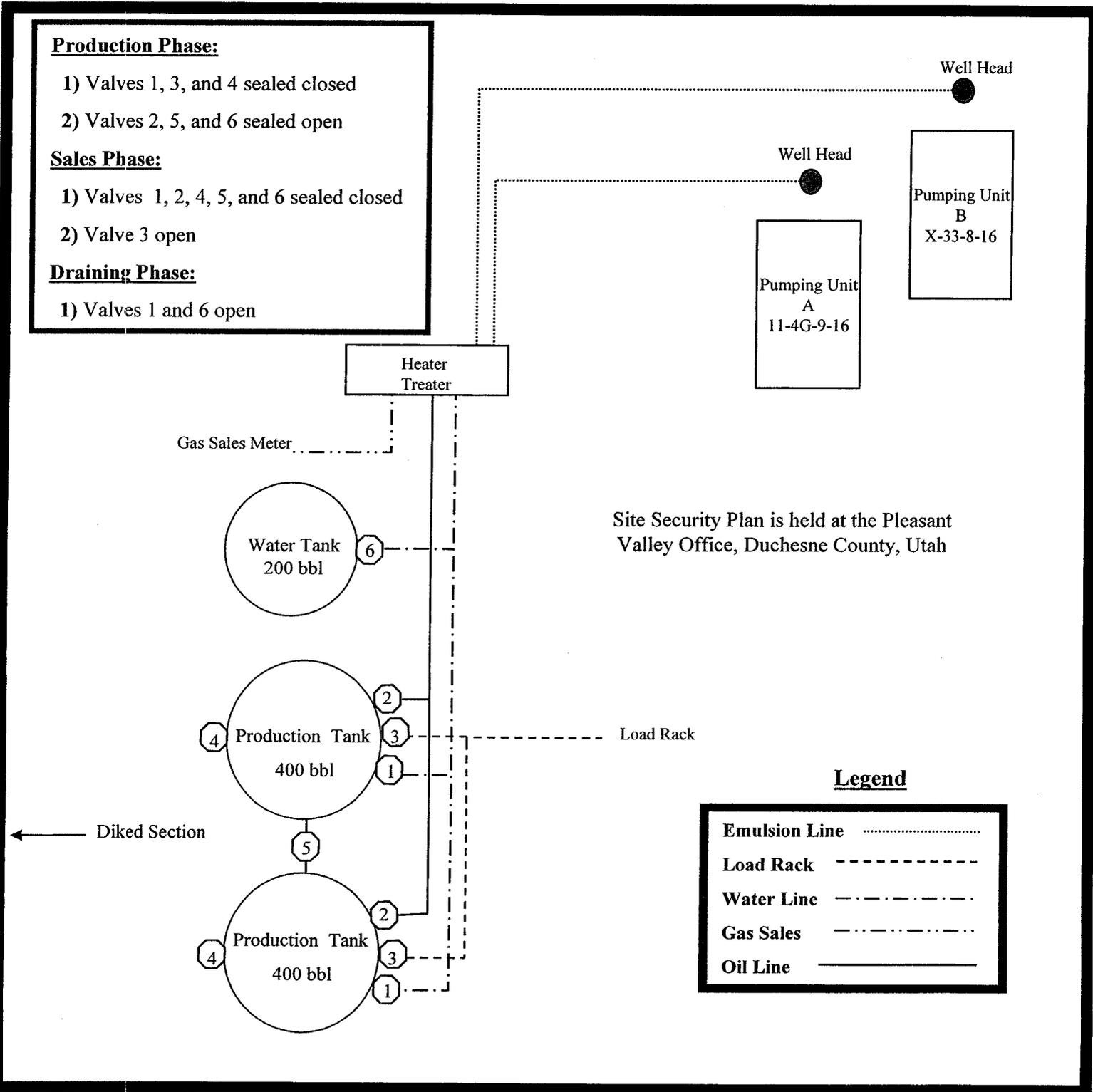
- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5, and 6 sealed open

**Sales Phase:**

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

**Draining Phase:**

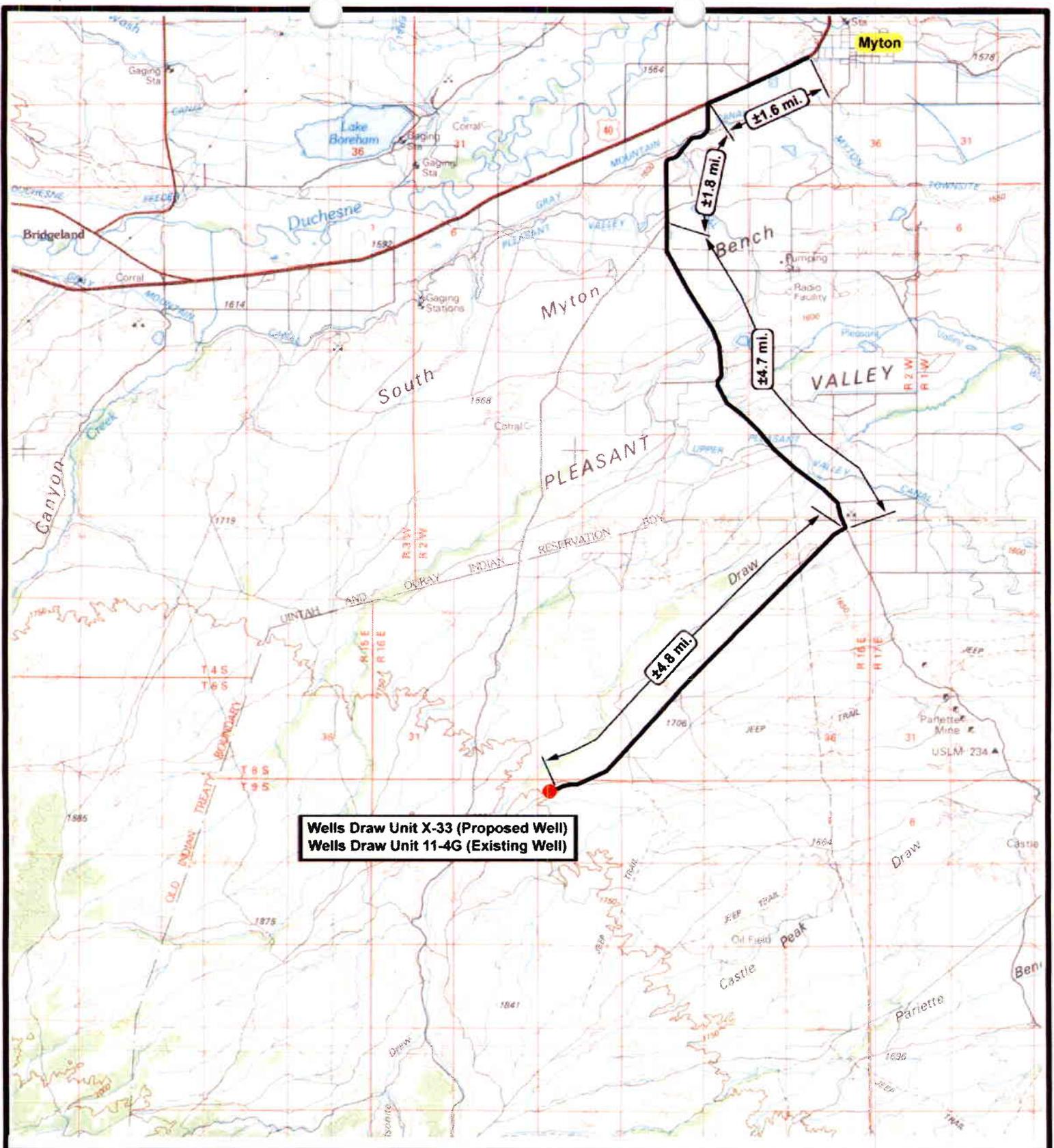
- 1) Valves 1 and 6 open



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

**Legend**

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



Wells Draw Unit X-33 (Proposed Well)  
 Wells Draw Unit 11-4G (Existing Well)

**NEWFIELD**  
 Exploration Company

**Well Draw Unit X-33-8-16 (Proposed Well)**  
**Well Draw Unit 11-4G-9-16 (Existing Well)**  
 Pad Location: NWNW SEC. 4, T9S, R16E, S.L.B.&M.

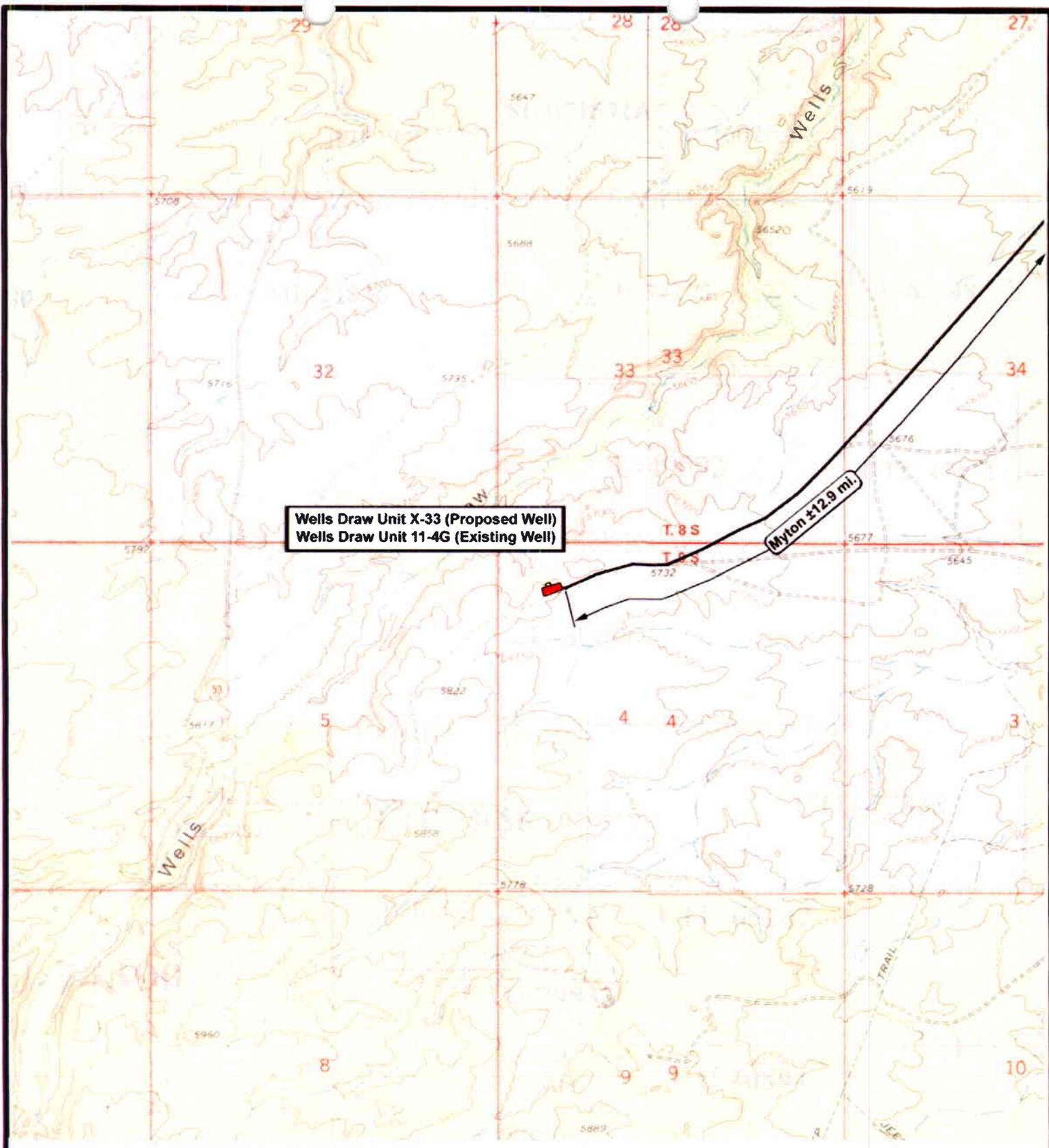
**Tri-State**  
 Land Surveying Inc.  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000  
 DRAWN BY: mw  
 DATE: 11-22-2006

**Legend**

Existing Road  
 Proposed Access

**TOPOGRAPHIC MAP**  
**"A"**



Wells Draw Unit X-33 (Proposed Well)  
 Wells Draw Unit 11-4G (Existing Well)

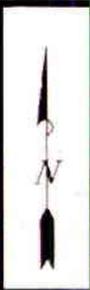
Myton ±12.9 mi.



**NEWFIELD**  
 Exploration Company

---

**Well Draw Unit X-33-8-16 (Proposed Well)**  
**Well Draw Unit 11-4G-9-16 (Existing Well)**  
 Pad Location: NWNW SEC. 4, T9S, R16E, S.L.B.&M.




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

SCALE: 1" = 2000'  
 DRAWN BY: mw  
 DATE: 11-22-2006

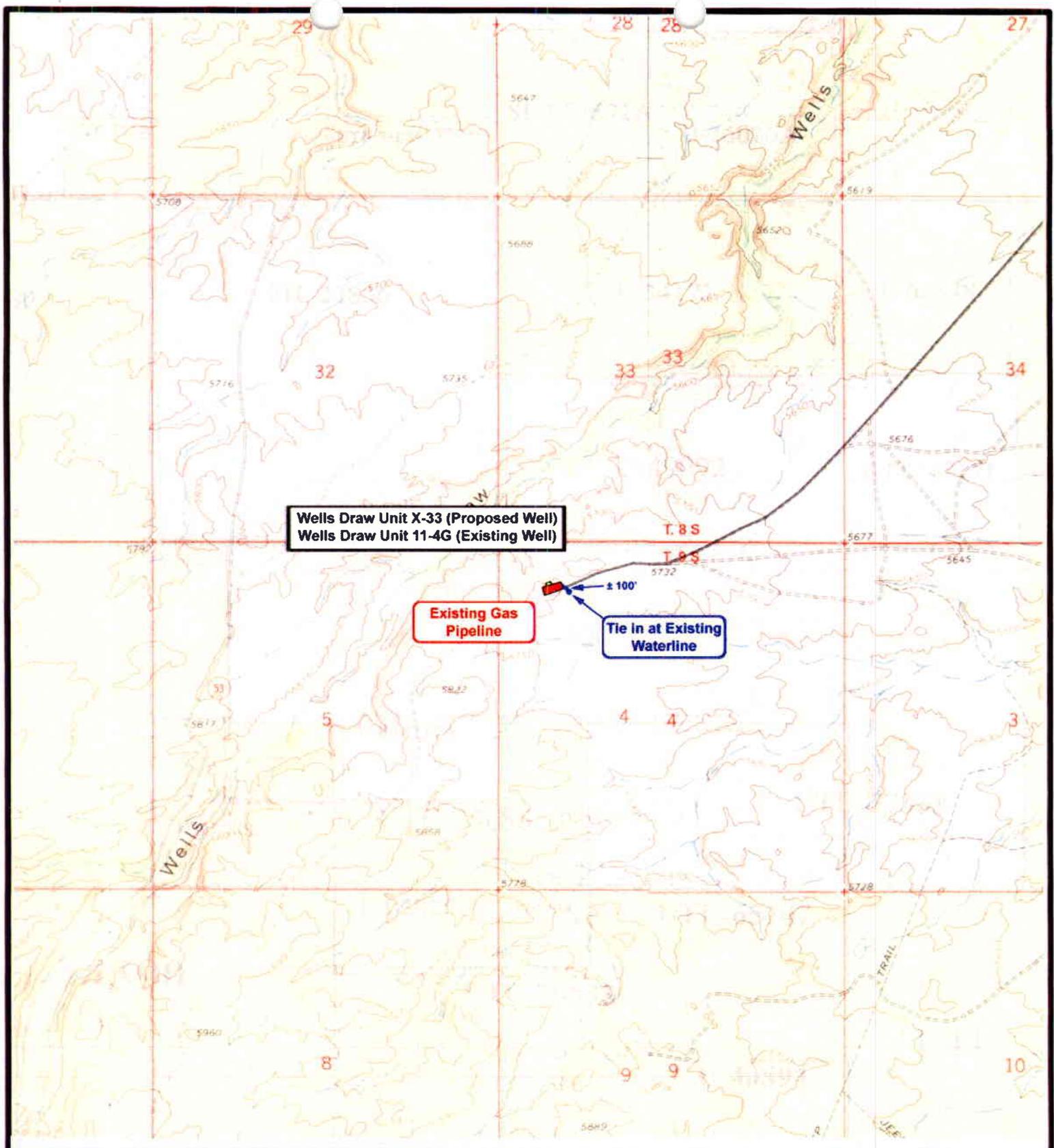
**Legend**

Existing Road

---

**TOPOGRAPHIC MAP**

**"B"**



**NEWFIELD**  
Exploration Company

**Well Draw Unit X-33-8-16 (Proposed Well)**  
**Well Draw Unit 11-4G-9-16 (Existing Well)**  
 Pad Location: NWNW SEC. 4, T9S, R18E, S.L.B.&M.



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

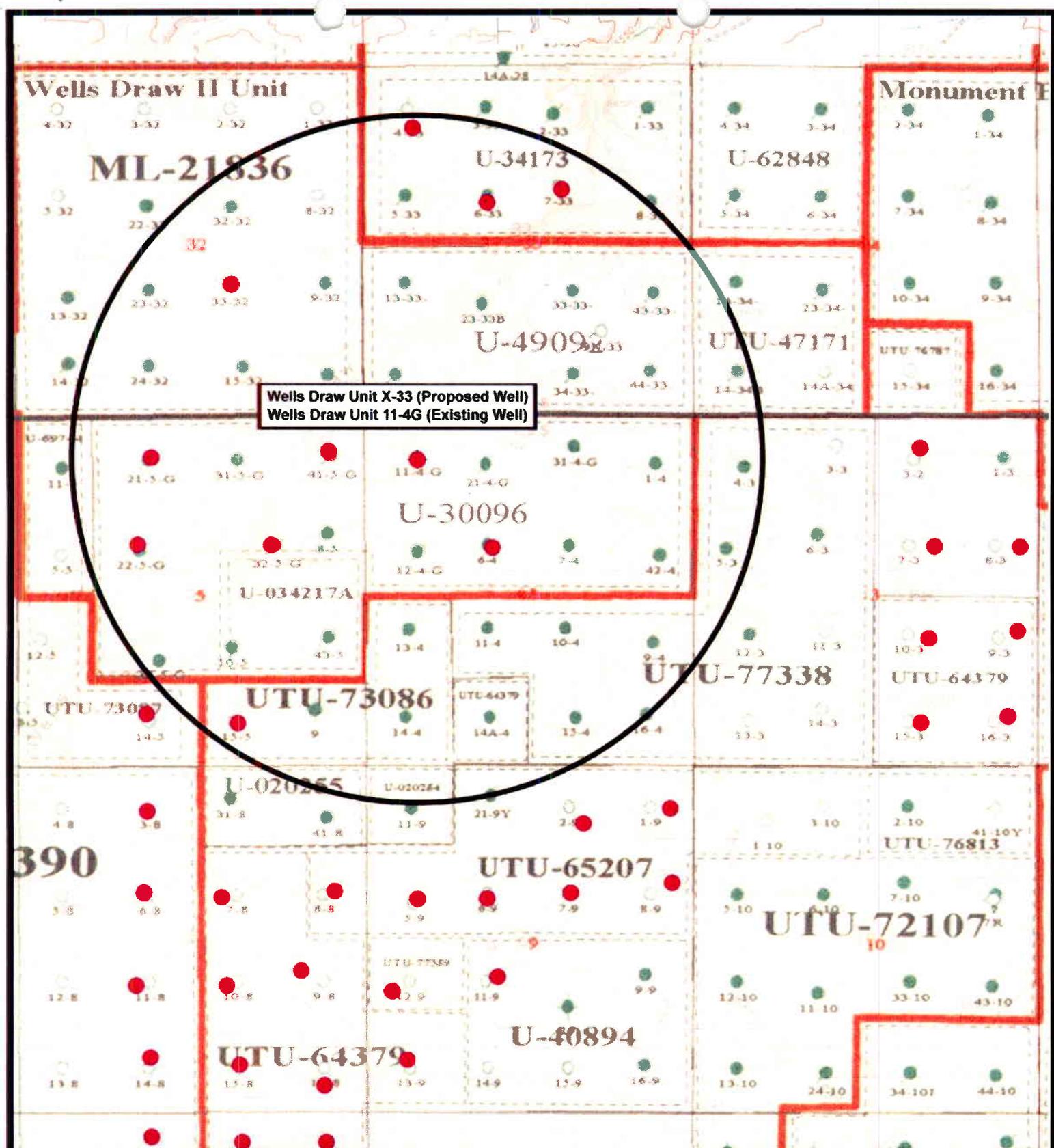
SCALE: 1" = 2000'  
 DRAWN BY: mw  
 DATE: 11-22-2006

**Legend**

- Roads
- Proposed Water Line

**TOPOGRAPHIC MAP**  
**"C"**





Wells Draw Unit X-33 (Proposed Well)  
 Wells Draw Unit 11-4G (Existing Well)

390



**NEWFIELD**  
 Exploration Company

**Well Draw Unit X-33-8-16 (Proposed Well)**  
**Well Draw Unit 11-4G-9-16 (Existing Well)**  
 Pad Location: NWNW SEC. 4, T9S, R16E, S.L.B.&M.



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

SCALE: 1" = 2,000'  
 DRAWN BY: mw  
 DATE: 11-22-2006

**Legend**

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

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

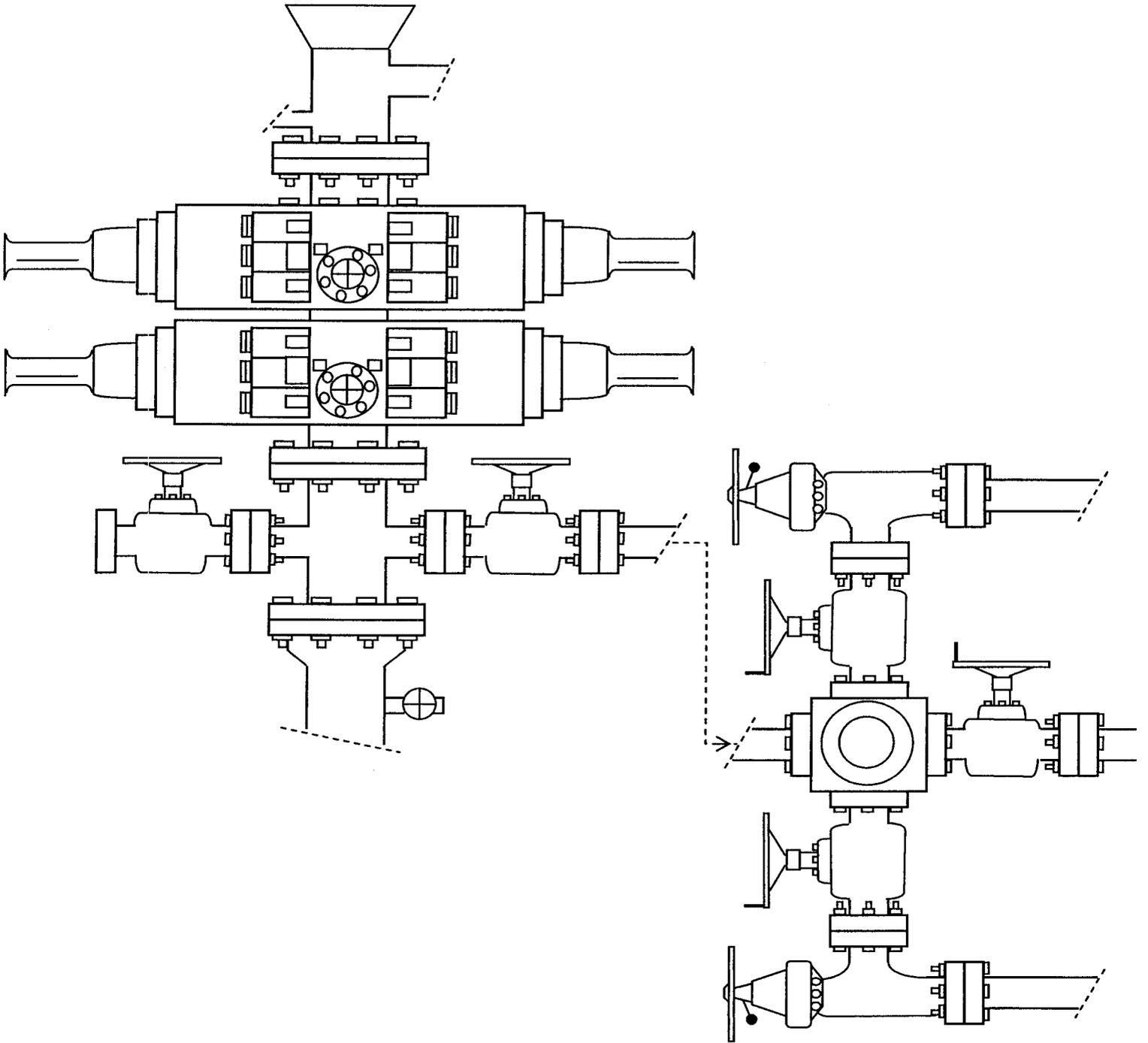


EXHIBIT C

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 01/22/2007

API NO. ASSIGNED: 43-013-33515

WELL NAME: W DRAW FED X-33-8-16

OPERATOR: NEWFIELD PRODUCTION ( N2695 )

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

PROPOSED LOCATION:

NWSW 04 090S 160E

SURFACE: 0669 FNL 0818 FWL

BOTTOM: 0000 FSL 1320 FWL

COUNTY: DUCHESNE

LATITUDE: 40.06535 LONGITUDE: -110.1302

UTM SURF EASTINGS: 574175 NORTHINGS: 4435163

FIELD NAME: MONUMENT BUTTE ( 105 )

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

*Sec 33  
T&S.*

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-49092

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

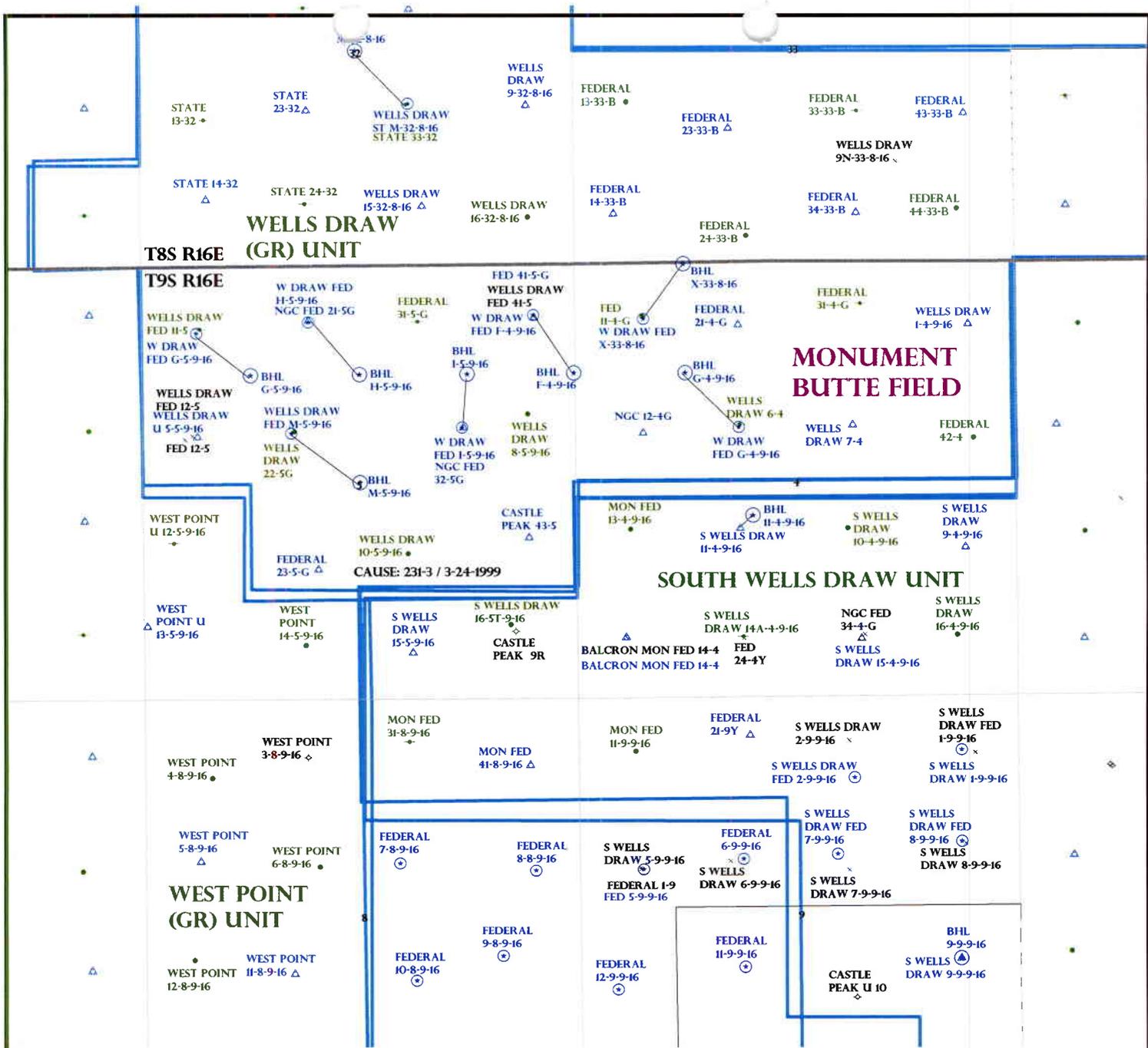
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UTB000192 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. MUNICIPAL )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit: WELLS DRAW (GREEN RIVER)
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: 231.3  
Eff Date: 3-24-1999  
Siting: Suspends General Siting
- R649-3-11. Directional Drill

COMMENTS: See Separate file

STIPULATIONS: 1. Federal Approval



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 4,5 T.9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 231-3 / 3-24-1999

Field Status	
	ABANDONED
	ACTIVE
	COMBINED
	INACTIVE
	PROPOSED
	STORAGE
	TERMINATED

Unit Status	
	EXPLORATORY
	GAS STORAGE
	NF PP OIL
	NF SECONDARY
	PENDING
	PI OIL
	PP GAS
	PP GEOTHERML
	PP OIL
	SECONDARY
	TERMINATED

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



PREPARED BY: DIANA MASON  
DATE: 24-JANUARY-2007

# NEWFIELD



ROCKY MOUNTAINS

January 18, 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  
Wells Draw Unit UTU-72613A  
Various Wells & Locations (See Attached)  
Duchesne County, Utah

Dear Ms.Mason:

Pursuant to the filing of Newfield Production Company's (hereinafter "NPC") Applications for Permits to Drill dated 01/18/07 (copies enclosed herewith) which concern the wells described on the attached Exhibit, NPC is hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to Directional Drilling.

All of these drillsite locations are located within the boundaries of the Wells Draw Unit UTU-72613A. NPC is permitting these wells as directional wells in order to minimize surface disturbance. By locating the wells at the surface locations described and directionally drilling from these locations, NPC will be able to utilize the existing the existing roads and pipelines in the area.

Furthermore, NPC hereby certifies that NPC is the Wells Draw Unit Operator and all lands within 460 feet of each of the entire directional well bores are within the Wells Draw Unit.

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

Sincerely,

**Newfield Production Company**



Rhonda Deimer  
Land Associate

**RECEIVED**

**JAN 24 2007**

Enclosures

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

**DIRECTIONAL DRILLING R649-3-11 WELLS EXHIBIT  
WELLS DRAW UNIT UTU-72613A  
DUCHESNE COUNTY, UTAH**

Wells Draw Federal X-33-8-16

BLM Lease # U-30096 (surface) & U-49092 (bottomhole)  
669' FNL, 818' FWL Sec. 4-9S-16E (at surface)  
0' FSL, 1320' FWL Sec. 33-8S-16E (bottomhole)

Wells Draw Federal F-4-9-16

BLM Lease # U-30096 (surface & bottomhole)  
612' FNL, 514' FEL Sec. 5-9S-16E (at surface)  
1329' FNL, 0' FWL Sec. 4-9S-16E (bottomhole)

Wells Draw Federal G-4-9-16

BLM Lease # U-30096 (surface & bottomhole)  
1994' FNL, 1964' FWL Sec. 4-9S-16E (at surface)  
1331' FNL, 1319' FWL Sec. 4-9S-16E (bottomhole)

Wells Draw Federal G-5-9-16

BLM Lease # U-69744 (surface) & U-30096 (bottomhole)  
800' FNL, 672' FWL Sec. 5-9S-16E (at surface)  
1322' FNL, 1323' FWL Sec. 5-9S-16E (bottomhole)

Wells Draw Federal H-5-9-16

BLM Lease # U-30096 (surface & bottomhole)  
677' FNL, 2031' FWL Sec. 5-9S-16E (at surface)  
1323' FNL, 2646' FWL Sec. 5-9S-16E (bottomhole)

Wells Draw Federal I-5-9-16

BLM Lease # U-30096 (surface & bottomhole)  
1978' FNL, 1388' FEL Sec. 5-9S-16E (at surface)  
1326' FNL, 1323' FEL Sec. 5-9S-16E (bottomhole)

RECEIVED

JAN 24 2007

DIV. OF OIL, GAS & MINING

# 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)

January 29, 2007

### Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2007 Plan of Development Wells Draw 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 wells are planned for calendar year 2007 within the Wells Draw Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-33515	Wells Draw Fed X-33-8-16 Sec 04 T09S R16E 0669 FNL 0818 FWL BHL Sec 33 T08S R16E 0000 FSL 1320 FWL	
43-013-33518	Wells Draw Fed G-04-9-16 Sec 04 T09S R16E 1994 FNL 1964 FWL BHL Sec 04 T09S R16E 1331 FNL 1319 FWL	
43-013-33517	Wells Draw Fed F-04-9-16 Sec 05 T09S R16E 0612 FNL 0514 FEL BHL Sec 04 T09S R16E 1329 FNL 0000 FWL	
43-013-33519	Wells Draw Fed G-05-9-16 Sec 05 T09S R16E 0800 FNL 0672 FWL BHL Sec 05 T09S R16E 1322 FNL 1323 FWL	
43-013-33520	Wells Draw Fed H-05-9-16 Sec 05 T09S R16E 0677 FNL 2031 FWL BHL Sec 05 T09S R16E 1323 FNL 2646 FWL	
43-013-33521	Wells Draw Fed I-05-9-16 Sec 05 T09S R16E 1978 FNL 1388 FEL BHL Sec 05 T09S R16E 1326 FNL 1323 FEL	

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

/s/ Michael L. Coulthard



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

January 29, 2007

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

Re: Wells Draw Federal X-33-8-16 Well, Surface Location 669' FNL, 818' FWL,  
NW NW, Sec. 4, T. 9 South, R. 16 East, Bottom Location 0' FSL, 1320' FWL,  
SW SW, 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 43-013-33515.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

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

**Operator:** Newfield Production Company  
**Well Name & Number** Wells Draw Federal X-33-8-16  
**API Number:** 43-013-33515  
**Lease:** UTU-49092

**Surface Location:** NW NW      **Sec. 4**      **T. 9 South**      **R. 16 East**  
**Bottom Location:** SW SW      **Sec. 33**      **T. 8 South**      **R. 16 East**

### Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

Form 3160-3  
(September 2001)

JAN 19 2007

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT **BLM VERNAL, UTAH**

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-49092
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. Wells Draw Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Wells Draw Federal X-33-8-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33515
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/NW 669' FNL 818' FWL Sec. 4, T9S R16E At proposed prod. zone SW/SW 0' FSL 1320' FWL 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 12.9 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 33, T8S R16E Lot 4
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 0' f/lse, 2640' f/unit	16. No. of Acres in lease 320.00	12. County or Parish Duchesne
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. 1420'	13. State UT
19. Proposed Depth 6485'	20. BLM/BIA Bond No. on file UTB000192	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5749' GL	22. Approximate date work will start* 2nd 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:

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 1/18/07
-------------------	--	-----------------

Title Regulatory Specialist		
--------------------------------	--	--

Approved by (Signature) 	Name (Printed/Typed) Jerry Newicka	Date 10-2-2007
-----------------------------	---------------------------------------	-------------------

Title Assistant Field Manager Land & 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)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

RECEIVED

OCT 10 2007

DIV. OF OIL, GAS & MINING

No 1005  
07PP1723A



**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:** Wells Draw Federal X-33-8-16  
**API No:** 43-013-33515

**Location:** Lot 4, Sec 33, T8S, R16E  
**Lease No:** UTU-49092  
**Agreement:** Wells Draw Unit

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

Fax: (435) 781-3420

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

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

**NOTIFICATION REQUIREMENTS**

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

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

**General Surface Stipulations:**

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

**Specific Surface Stipulations:**

- 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 Golden Eagle, Ferruginous Hawk, and Mountain Plover habitats. Modifications to the Surface Use Plan of Operations will be required in order to protect this 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):

**May 15 through June 15**, due to Mountain Plover nesting season.

- This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed August 24, 2005. If the well has not been spudded by August 24, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- 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 12 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 paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.
- 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> )	3 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 shall take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

## **DOWNHOLE CONDITIONS OF APPROVAL**

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

- None

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

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

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

- 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.

# DIVISION OF OIL, GAS AND MINING

## **SPUDDING INFORMATION**

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: W DRAW FED X-33-8-16

Api No: 43-013-33515 Lease Type: FEDERAL

Section 04 Township 09S Range 16E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

### **SPUDDED:**

Date 12/04/07

Time 12:45 PM

How DRY

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

Reported by BRANDON HALL

Telephone # (435) 828-6110

Date 12/04/07 Signed CHD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.  
USA UTU-49092

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
WELLS DRAW FEDERAL X-33-8-16

9. API Well No.  
4301333515

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
DUCHESNE, UT

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
669 FNL 818 FWL  
SWSW Section ~~33 T8S R16E~~ 9S 11E 4

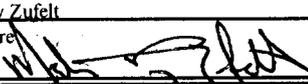
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

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	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

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

On 12/4/2007 MIRU NDSI NS # 1. Spud well @ 12:45 PM. Drill 310' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 316.86'/ KB On 12/8/2007 cement with 160 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 7 bbls cement to pit. WOC.

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

Signature: 

Title: Drilling Supervisor

Date: 12/09/2007

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

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

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

Office \_\_\_\_\_

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

(Instructions on reverse)

**RECEIVED**  
DEC 11 2007  
DIV. OF OIL, GAS & MINING

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

8 5/8 CASING SET AT 316.86

LAST CASING 8 5/8" set @ 316.86  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 310' LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company  
 WELL Well Draw Federal X-33-8-16  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # NDSI NS # 1

LOG OF CASING STRING:								
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH	
		Shoe Joint 39.10'						
		WHI - 92 csg head			8rd	A	0.95	
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	305.01	
		<b>GUIDE</b> shoe			8rd	A	0.9	
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			306.86	
TOTAL LENGTH OF STRING		306.86	7	LESS CUT OFF PIECE			2	
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12	
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			<b>316.86</b>	
TOTAL		305.01	7	} COMPARE				
TOTAL CSG. DEL. (W/O THRDS)		305.01	7					
TIMING		1ST STAGE						
BEGIN RUN CSG.		Spud	12/4/2007	12:45 PM	GOOD CIRC THRU JOB			YES
CSG. IN HOLE			12/5/2007	11:00 AM	Bbls CMT CIRC TO SURFACE			7
BEGIN CIRC			12/8/2007	11:50 AM	RECIPROCATED PIPE FOR			N/A
BEGIN PUMP CMT			12/8/2007	12:05 PM				
BEGIN DSPL. CMT			12/8/2007	12:19 PM	BUMPED PLUG TO			550 PSI
PLUG DOWN			12/8/2007	12:28 PM				
CEMENT USED		CEMENT COMPANY- <b>B. J.</b>						
STAGE	# SX	CEMENT TYPE & ADDITIVES						
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield						
CENTRALIZER & SCRATCHER PLACEMENT				SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third for 3								

COMPANY REPRESENTATIVE Troy Zufelt DATE 12/8/2007

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

OPERATOR: NEWFIELD PRODUCTION COMPANY  
 ADDRESS: RT. 3 BOX 3830  
HYTON, UT 84062

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			
<i>B/A</i>	99999	12417	4301333302	<i>Lone Tree</i> FEDERAL 5-22-9-17	SWNW	22	9S	17E	UINTAH	12/3/2007	12/31/07
WELL 1 COMMENTS: <i>GRU</i>											
<i>B/A</i>	99999	12276	4301333515	<i>FED</i> WELLS DRAW X-33-8-16	NWNW	4	9S	16E	UINTAH	12/4/2007	12/31/07
<i>GRU BHL = SWSW Sec 33T8S 16E</i>											
A	99999	16569	4301333003	FEDERAL 2-23-9-16	SWNW	23	9S	16E	UINTAH	12/7/2007	12/31/07
<i>GRU</i>											
A	99999	16572	4304739291	UTE TRIBAL 1-7-5-2E	<i>NENE</i> NENE	7	5S	<i>2E</i> 28	UINTAH	12/7/2007	12/31/07
<i>GRU</i>											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
WELL 5 COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
WELL 5 COMMENTS:											

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

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

RECEIVED

DEC 11 2007

DIV. OF OIL, GAS & MINING

*Tammi Lee*  
 Signature

Tammi Lee

Production Clerk

12/07/07

Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

5. Lease Serial No.  
USA UTU-49092

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
WELLS DRAW FEDERAL X-33-8-16

9. API Well No.  
4301333515

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
DUCHESNE, UT

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
669 FNL 818 FWL  
SWSW Section 33 T8S R16E 9S 16E 4

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

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

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

Newfield Production drilled the Wells Draw Federal X-33-8-16 with wrong well plan. TD 2937'Drift direction 136.97°  
Newfield Production proposes to plug well as follows.

Plug # 1 set@ 2929'TIH tag cmt at 2238' +/-10% per 1000' excess( tag plug)

Plug # 2 set@ 1019'TIH tag cmt at 719' +/-10% per 1000' excess(tag plug)

Plug # 3 set@ 719' TIH tag cmt at 254' +/-10% per 1000' excess(tag plug)

Kick off Wells Draw Federal X-33-8-16 drilling plan @ 400'.

Note: plugging proposal approved by Mike Lee of the Vernal BLM office.

**COPY SENT TO OPERATOR**

Date: 1-29-2008

Initials: KCS

I hereby certify that the foregoing is true and correct (Printed/ Typed)  
Alvin Nielsen  
Signature *Alvin Nielsen*

Title  
Drilling Foreman  
Date  
01/04/2008

**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.

Accepted by \_\_\_\_\_  
Title  
Utah Division of  
Oil, Gas and Mining

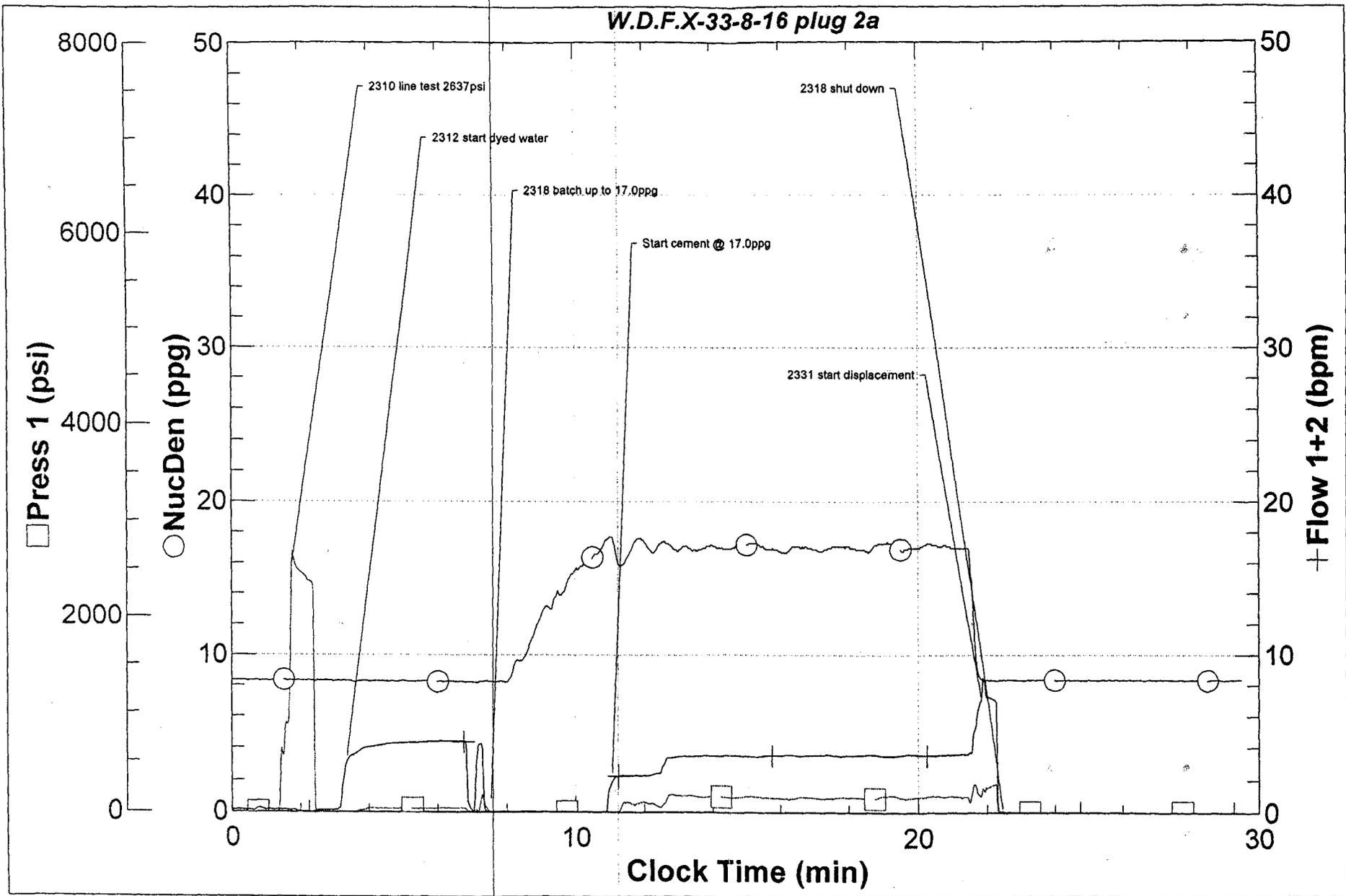
Date \_\_\_\_\_  
Federal Approval Of This  
Action Is Necessary

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

(Instructions on reverse)

By: *[Signature]*  
Date: 1/23/08

**RECEIVED**  
JAN 09 2008  
DIV. OF OIL, GAS & MINING



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

5. Lease Serial No.  
USA UTU-49092

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
WELLS DRAW FEDERAL X-33-8-16

9. API Well No.  
4301333515

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
DUCHESNE, UT

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
669 FNL 818 FWL  
SWSW Section 33 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	Weekly Status Report _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

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

On 12/21/07 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 @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6491'. Lay down drill string & BHA. PU & TIH with Guide shoe, shoe jt, float collar, 149 jt's of 5.5 J-55, 15.5# csgn. Set @ 6487.86' / KB. Cement with 350 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 53 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 90,000 #'s tension. Release rig @ 2:30 pm 1/6/08.

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

Signature 

Title  
Drilling Foreman

Date  
01/07/2008

**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 reverse)

RECEIVED

JAN 10 2008

DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6487.86

Flt cllr @ 6445.21

LAST CASING 8 5/8" SET # 316.86'

OPERATOR Newfield Production Company

DATUM 12' KB

WELL WD Federal X-33-8-16

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

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

CONTRACTOR & RIG # NDSI #2

TD DRILLER 6491' Loggers

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> 4299' (5.77')					
<b>149</b>	<b>5 1/2"</b>	ETC LT & C casing	<b>15.5#</b>	<b>J-55</b>	<b>8rd</b>	<b>A</b>	6431.21
		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>	43.4
		<b>GUIDE</b> shoe			<b>8rd</b>	<b>A</b>	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6489.86
TOTAL LENGTH OF STRING		6489.86	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		390.74	9	CASING SET DEPTH			<b>6487.86</b>
<b>TOTAL</b>		<b>6865.35</b>	<b>159</b>	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6865.35	159				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		1/5/2008	10:30 PM	GOOD CIRC THRU JOB		Yes	
CSG. IN HOLE		1/5/2008	3:00 AM	Bbls CMT CIRC TO SURFACE		53	
BEGIN CIRC		1/6/2008	3:20 AM	RECIPROCATED PIPE FOR _____ THRUSTROKE NA			
BEGIN PUMP CMT		1/6/2008	6:24 AM	DID BACK PRES. VALVE HOLD ? <u>YES</u>			
BEGIN DSPL. CMT		1/6/2008	7:15 AM	BUMPED PLUG TO _____		1500 PSI	
PLUG DOWN		<b>1/6/2008</b>	<b>7:46 AM</b>				
CEMENT USED		CEMENT COMPANY- <b>B. J.</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
<b>1</b>	<b>350</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 / 3.43 cf/sk yield					
<b>2</b>	<b>450</b>	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Alvin Nielsen

DATE 1/6/2008

FEB 20 2008

**SUNDRY NOTICES AND REPORTS ON WELLS, GAS & MINING**  
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-49092

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
WELLS DRAW FEDERAL X-33-8-16

9. API Well No.  
4301333515

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
DUCHESNE, UT

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

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

3b. Phone. (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
669 FNL 818 FWL  
SWSW Section 33 T8S R16E  
NWNW  
AS 16E 4

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

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

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

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

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

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

I hereby certify that the foregoing is true and correct (Printed/Typed)  
Marilyn Crozier  
Signature: *Marilyn Crozier*  
DPO

Title  
Regulatory Specialist

Date  
02/20/2008

**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 reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
669 FNL 818 FWL  
SWSW Section 33 T8S R16E

5. Lease Serial No.

USA UTU-49092

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
WELLS DRAW FEDERAL X-33-8-16

9. API Well No.  
4301333515

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	<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.)

The above mentioned well went on production 2/18/08. See attached daily activity report.

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

Tammi Lee

Signature: *Tammi Lee*

Title

Production Clerk

Date

03/27/2008

**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 reverse)

**RECEIVED**

**MAR 31 2008**

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

**Daily Activity Report**

Format For Sundry

**WLLS DRW X-33-8-16****12/1/2007 To 4/29/2008****1/12/2008 Day: 1****Completion**

Rigless on 1/11/2008 - Install 3M production tbg wellhead. RU Baker Atlas WLT & crane. Run Reservoir Performance Monitor log f/ WLTD of 6394' to 3465'. Run CBL f/ 6394' to sfc. Cmt top @ 360'. RDWLT. SIFN W/ est 153 BWTR.

**2/1/2008 Day: 2****Completion**

Rigless on 1/31/2008 - RU 5K frac head & Cameron BOP's. RU Hot Oiler & test casing, frac head & BOP's to 4500 psi. RU Perforators LLC WLT & mast. RIH w/ 6', 7' x 3-1/8" Slick Guns (19 gram, .49"EH, 120°) & perforate CP5 sds @ 6247-6253', 6233-6240' w/ 4 spf for total of 52 shots. SIFN.

**2/7/2008 Day: 3****Completion**

Rigless on 2/6/2008 - Stage #1 CP5 sds. RU BJ Services. 0 psi on well. Frac CP5 sds w/ 15,006#'s of 20/40 sand in 304 bbls of Lightning 17 fluid. Broke @ 5438 psi. Treated w/ ave pressure of 2336 psi w/ ave rate of 23.4 BPM. ISIP 2279 psi. Leave pressure on well. 457 BWTR Stage #2 CP.5, CP1 & CP2 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 7',9',10' perf guns. Set plug @ 6100'. Perforate CP2 sds @ 5982-92' & CP1 sds @ 5942-51' & CP.5 5912-19' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 104 shots. RU BJ Services. Could not get perms to break down. SWIFN.

**2/8/2008 Day: 4****Completion**

Rigless on 2/7/2008 - Stage #2 CP.5, CP1, CP2 sds. RU BJ Services. 1500 psi on well. Frac CP.5, CP1, CP2 sds w/ 45,382#'s of 20/40 sand in 586 bbls of Lightning 17 fluid. Broke @ 4144 psi. Treated w/ ave pressure of 2186 psi w/ ave rate of 23.1 BPM. ISIP 2070 psi. Leave pressure on well. 1043 BWTR. Stage #3 A3 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 12' perf gun. Set plug @ 5590'. Perforate A3 sds @ 5500-12' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 48 shots. RU BJ Services. 1735 psi on well. Perfs would not break. Dump bail acid on perfs. RU BJ Services. 1586 psi on well. Frac A3 sds w/ 70,358#'s of 20/40 sand in 592 bbls of Lightning 17 fluid. Broke @ 3677 psi. Treated w/ ave pressure of 1965 psi w/ ave rate of 23.1 BPM. ISIP 2133 psi. Leave pressure on well. 1635 BWTR. SWIFN. Stage #4 B2 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 9' perf gun. Set plug @ 5420'. Perforate B2 sds @ 5316-25' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 36 shots. SWIFN.

**2/9/2008 Day: 5****Completion**

Rigless on 2/8/2008 - Stage #4 B2 sds. RU BJ Services. 1582 psi on well. Frac B2 sds w/ 45,093#'s of 20/40 sand in 465 bbls of Lightning 17 fluid. Broke @ 3029 psi. Treated w/ ave pressure of 2141 psi w/ ave rate of 23.1 BPM. ISIP 2327 psi. Leave pressure on well. 2100 BWTR. Stage #5 C sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 12,7' perf guns. Set plug @ 5270'. Perforate C sds @ 5173-85' & 5193-5200' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 76 shots. RU BJ Services. 1761 psi on well. Frac C sds w/ 49,946#'s of 20/40 sand in 456 bbls of Lightning 17 fluid. Broke @ 3646 psi. Treated w/ ave pressure of 2217 psi w/ ave rate of 23.3 BPM. ISIP 2164 psi. Leave pressure on well. 2556 BWTR. Stage #6 D1 & D2 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 12', 8' perf guns. Set plug @ 5150'. Perforate D2 sds @ 5062-74' & D1 sds @ 5023-31' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 80 shots. RU BJ Services. 1740 psi on well. Frac D1 & D2 sds w/ 110,606#'s of 20/40 sand in 807 bbls of Lightning 17 fluid. Broke @ 3268 psi. Treated

w/ ave pressure of 2197 psi w/ ave rate of 23.3 BPM. ISIP 2338 psi. Leave pressure on well. 3363 BWTR. Stage #7 GB6 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 7', 8' perf guns. Set plug @ 4640'. Perforate GB6 sds @ 4517-24' & 4530-38' w/ 3-1/8" Slick Guns (..49"EH, 19 gram, 120°) w/ 4 spf for total of 60 shots. RU BJ Services. 1856 psi on well. Frac GB6 sds w/ 44,756#'s of 20/40 sand in 429 bbls of Lightning 17 fluid. Broke @ 3968 psi. Treated w/ ave pressure of 1858 psi w/ ave rate of 23.5 BPM. ISIP 2075 psi. Open well to pit for immediate flowback. Well flowed for 9 hrs. & turned to oil w/ alot of gas. Recovered 450 bbls. SWIFN.

**2/12/2008 Day: 6**

**Completion**

Western #1 on 2/11/2008 - Thaw well out. Open well w/ 1400 psi on casing. Pump 30 bbls of hot water down casing @ 1/2 bpm @ 1600 psi. RU Perforators LLC WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) kill plug. Set plug @ 4400'. RD WLT. MIRUSU. RD Cameron BOP's & 5K frac head. Instal 3K production tbg head & Schaefer BOP's. RU 4-3/4" Chomp bit & bit sub. Tally & pickup, TIH w/ new 2-7/8", 6.5#, J-55, 134 jts tbg to leave EOT @ 4216'. SWIFN.

**2/13/2008 Day: 7**

**Completion**

Western #1 on 2/12/2008 - Thaw well out. Open well w/ 50 psi on casing. Continue TIH w/ tbg to tag plug @ 4400'. RU pump/tanks & swivel. Drlg out Kill plug. TIH w/ tbg to tag sand @ 4525'. C/O to plug @ 4640'. Drlg out plug #1. TIH w/ tbg to tag plug @ 5150'. Drlg out plug #2. TIH w/ tbg to tag sand @ 5210'. C/O to plug @ 5270'. Drlg out plug #3. TIH w/ tbg to tag sand @ 5406'. C/O to plug @ 5420'. Drlg out plug #4. Circulate well clean. 173 jts tbg to leave EOT @ 5441'. SWIFN.

**2/14/2008 Day: 8**

**Completion**

Western #1 on 2/13/2008 - Thaw well out. Open well w/ 1125 psi on casing. Continue TIH w/ tbg to tag plug @ 5590'. RU pump/tanks & swivel. Drlg out plug #5. TIH w/ tbg to tag sand 6337'. C/O to PBSD @ 6443'. LD 5 jts tbg. EOT @ 6288'. RU well to flow to production tanks. Flowed well to tanks for 4 hours on 30° by 1" choke to rec'd 136 bbls oil & 128 bbls water. SWIFN.

**2/15/2008 Day: 9**

**Completion**

Western #1 on 2/14/2008 - Thaw well out. Open well w/ 1125 psi on casing. Pump 70 bbls Brine 10# water. SWIFN. Weather bad.

**2/16/2008 Day: 10**

**Completion**

Western #1 on 2/15/2008 - Thaw well out. Open well w/ 950 psi on casing. Pump 160 bbls Brine 10# water. Well still flowing. RU to flow to production tanks on 15/64 choke w/ 500 psi on tbg & 595 psi on casing w/ 145 bbls rec'd & 45% oil cut. Flow well through weekend to production tanks.

**2/17/2008 Day: 11**

**Completion**

Western #1 on 2/16/2008 - RD rig. Leave well flowing to production tanks.

**3/18/2008 Day: 12**

**Completion**

NC #1 on 3/17/2008 - 10:00AM MIRU NC#1, R/U D&M H/Oiler, pmp 260 Bbls Brine Wtr D/Tbg, Curc Well For Kill.Wt 30 Min For Well To Die, N/D W/HD, N/U Wsh HD, RIH To PBSD @ 6443', No Fill. POOH W/-205 Jts Tbg, Bit Sub & Bit. P/U & RIH W/-N/C, 2 Jts Tbg, S/N, 2 Jts Tbg, 5 1/2 T/A, 196 Jts Tbg, N/D BOP, Set T/A In 15,000 Tension, N/U W/-HD. Tbg Production Detail Shown Below. SWI, 9:00PM C/SDFN.

**3/19/2008 Day: 13**

**Completion**

NC #1 on 3/18/2008 - 6:30AM OWU, R/U R/pmp, Flush Tbg W/-60 Bbls Brine Wtr, P/U Stroke &

**RIH W/-CDI-2 1/2x1 3/4x16x20' RHAC & Rod String Shown Below. Seat pmp, R/U Unit, Fill Tbg W/-2 Bbls Wtr, Wt To Fix Unit Electrical Problem. 5:00PM Stroke Unit To 800 Psi, Good Test. Rack Out Eq, R/D Rig. POP @ 6:00PM, 122" SL, 6 SPM, ( 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\***

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

5. LEASE DESIGNATION AND SERIAL NO.  
UNIT  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NA  
 7. UNIT AGREEMENT NAME  
WELLS DRAW UNIT  
 8. FARM OR LEASE NAME, WELL NO.  
43-013-33515

2. NAME OF OPERATOR  
Newfield Exploration Company  
 3. ADDRESS AND TELEPHONE NO.  
1401 17th St. Suite 1000 Denver, CO 80202

9. WELL NO.  
WELLS DRAW FEDERAL X-33-8-16  
 10. FIELD AND POOL OR WILDCAT  
MONUMENT BUTTE

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements. \*)  
 At Surface 669' FNL & 818' FWL (NWNW)  
 At top prod. Interval reported below  
 At total depth *Per DKD review*

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
SEC 4, T9S, R16E

14. API NO. 43-013-33515 DATE ISSUED 1/29/07  
 12. COUNTY OR PARISH DUCHESNE 13. STATE UT

15. DATE SPUN 12/4/07 16. DATE T.D. REACHED 1/4/08 17. DATE COMPL. (Ready to prod.) 2/18/08 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5749' GL 5761' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6491' / 6417' 21. PLUG BACK T.D., MD & TVD 6443' / 6369' 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 4517'-6253'  
 25. WAS DIRECTIONAL SURVEY MADE Yes

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

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	316.86'	12 1/4	To surface w/160 sx of class "G" cement	
5-1/2" J-55	15.5#	6487.86'	7 7/8	350 sx of Primlite II & 450 sx of 50/50 poz	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 6298'	TA @ 6168'

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
----------	------	------------	---------------------	----------------------------------

CP5 sds 6247'-6253', 6233'-6240'	.49"	4/52	6233'-6253'	Frac w/ 15006 #'s of 20/40 sand in 304 bbls of fluid
P2 5982-92', CP1 5942-51', CP.5 5912-19'	.49"	4/104	5219'-5992'	Frac w/ 45382# of 20/40 sand in 586 bbls of fluid
A3 sds 5500-5512'	.49"	4/48	5500-5512'	Frac w/ 70358#'s of 20/40 sand in 592 bbls of fluid
B2 sds 5316'-5325'	.49"	4/36	5316'-5325'	Frac w/ 45093#'s of 20/40 sand in 465 bbls of fluid
C sds 5193'-5200', 5173'-5185'	.49"	4/76	5173'-5200'	Frac w/ 49946#'s of 20/40 sand in 456 bbls of fluid
D2 sds 5062'-5074', D1 sds 5023'-5031'	.49"	4/80	5023'-5074'	Frac w/ 110606#'s of 20/40 sand in 807 bbls of fluid
GB6 sds 4530'-4538', 4517'-4524'	.49"	4/60	4517'-4538'	Frac w/ 44756#'s of 20/40 sand in 429 bbls of fluid

33.\* PRODUCTION

DATE FIRST PRODUCTION 2/18/08 PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2 1/2" X 1 3/4" X 16' X 20' RHAC WELL STATUS (Producing or shut-in) PRODUCING

DATE OF TEST 10 day ave HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL--BBL. 696 GAS--MCF. 856 WATER--BBL. 796 GAS-OIL RATIO 783

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.) Used for Fuel TEST WITNESSED BY MAR 31 2008

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
 SIGNED *Tammi Lee* Tammie Lee TITLE Production Technician DATE 3/27/2008

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Wells Draw Federal X-33-8-16		3956'	
				Garden Gulch Mkr	4175'	
				Garden Gulch 1	4289'	
				Garden Gulch 2	4559'	
				Point 3 Mkr	4824'	
				X Mkr	4860'	
				Y-Mkr	4980'	
				Douglas Creek Mkr	5231'	
				BiCarbonate Mkr	5359'	
				B Limestone Mkr	5886'	
				Castle Peak	6321'	
				Basal Carbonate	0	
				Wasatch	6404'	
				Total Depth (Loggers)		

# NEWFIELD



Well Name: Federal 11-4G-9-16 CTB  
 LOCATION: S4G, T9S, R16E  
 COUNTY/STATE: Duchesne  
 API:

Spud Date:  
 TD:  
 CSG:  
 POP:

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	SPM	Comments
2/18/2008								
2/19/2008		210	115		54			X-33-9-16 Flowing.
2/20/2008		160	105		77			
2/21/2008		300	88		73			
2/22/2008		293	40		50			
2/23/2008		180	10		91			
2/24/2008		116	135		53			
2/25/2008		120	45		63			
2/26/2008		179	206		74			
2/27/2008		116	40		53			
2/28/2008		0	0		0			
2/29/2008		60	50		22			
3/1/2008		0	0		0			
3/2/2008		0	0		0			
3/3/2008		138	56		46			
3/4/2008		100	83		51			
3/5/2008		66	58		49			
3/6/2008		70	58		23			
3/7/2008		63	97		22			
3/8/2008		76	126		157			
3/9/2008								
3/10/2008		433	201		105			
3/11/2008		0	41		79			
3/12/2008		0	20		13			
3/13/2008		3	61		24			
3/14/2008		140	109		158			
3/15/2008		106	60		131			
3/16/2008		6	0		126			
3/17/2008		0	83		198			
3/18/2008		0	0		0			
3/19/2008		8	213		22			
3/20/2008								
		<b>2943</b>	<b>2100</b>		<b>1814</b>			



Scientific Drilling

Directional Survey Certification

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

RE: Newfield Exploration Co. Operator
Wells Draw X-33-8-16 Well Name & No.
Duchesne County, UT County & State
42DEF0712991 SDI Job No.

I, Julie Cruse, having personal knowledge of all the facts, hereby certify that the attached directional survey run from a measured depth of 467 feet to a measured depth of 6491 feet is true and correct as determined from all available records.

Handwritten signature of Julie Cruse

Signature

Rockies Region Engineer

Title

Scientific Drilling International

Company

State of: Wyoming }

} ss

County of: Natrona }

On this 21st day of February, 2008, before me personally appeared Julie Cruse to me known as the person described in and who executed the foregoing instrument and acknowledged that (s)he executed the same as his/her free act and deed.

Seal

Handwritten signature of Darci Neal

Notary Public

Handwritten date: Aug 12, 2009

My Commission Expires

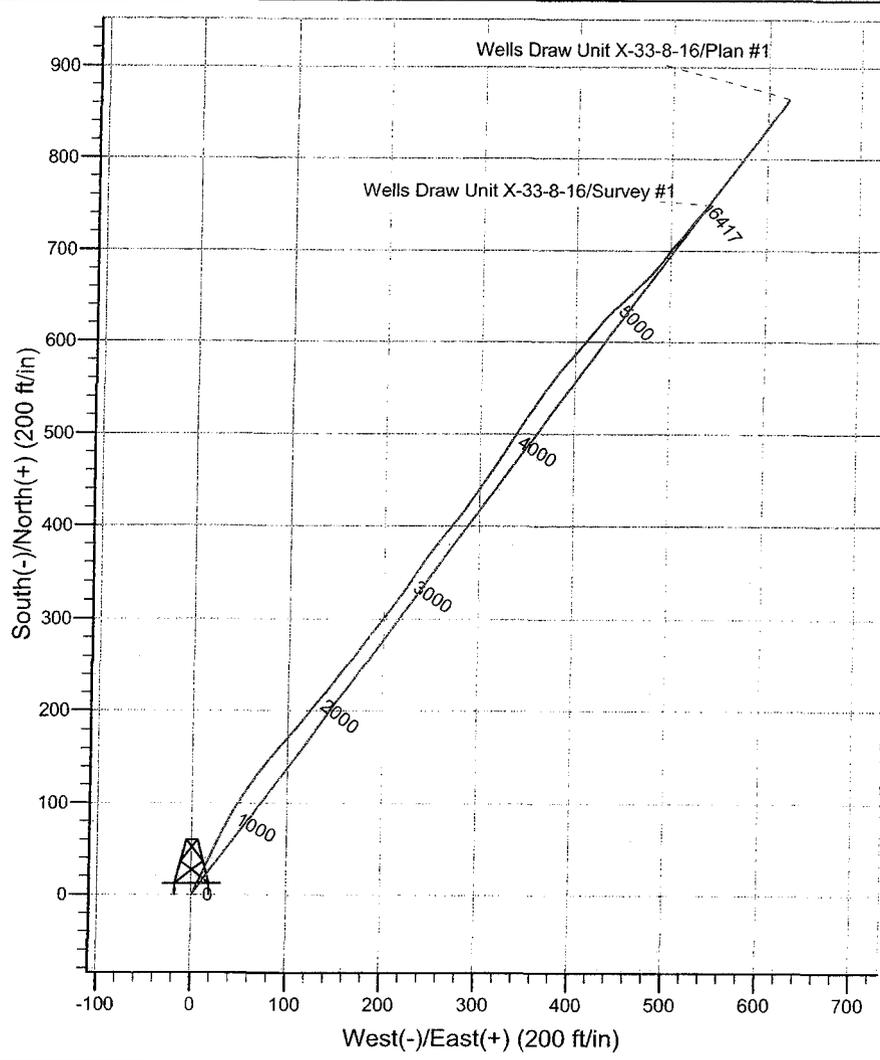
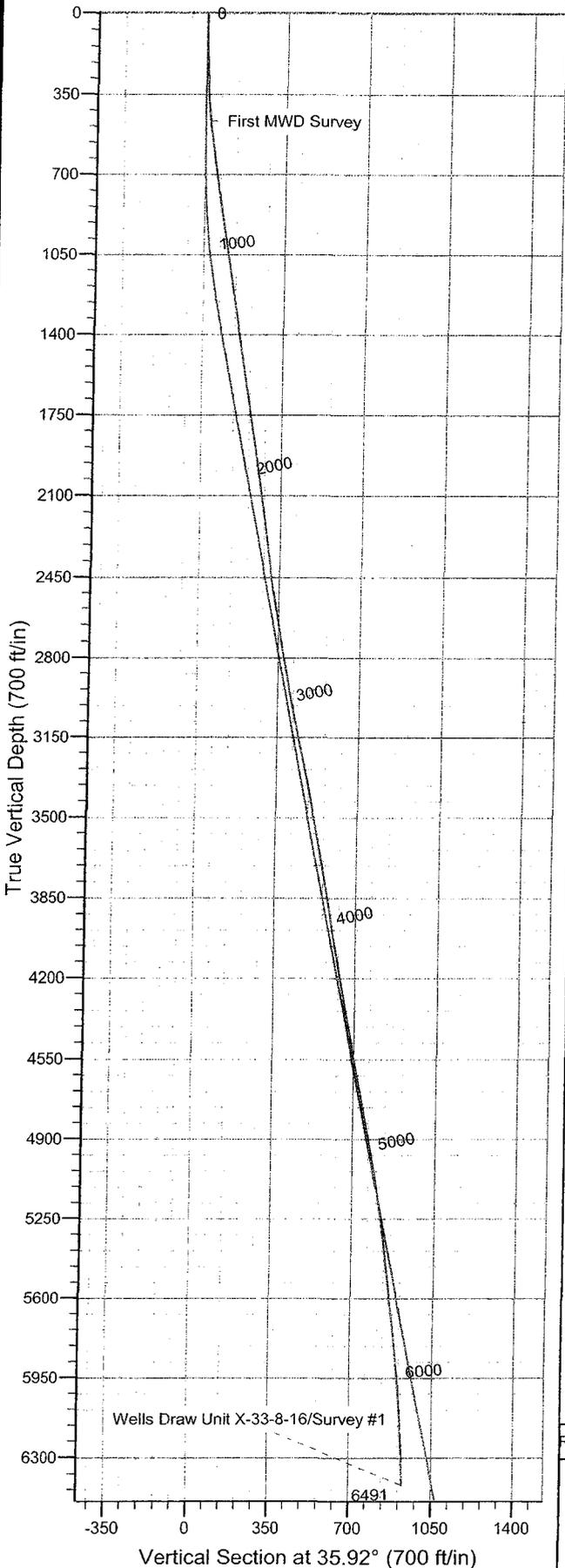




**Scientific Drilling**  
Rocky Mountain Operations

Project: Duchesne County, UT NAD83 UTC  
Site: Wells Draw Unit X-33-8-16  
Well: Wells Draw Unit X-33-8-16  
Wellbore: OH  
Design: OH

**Newfield Exploration Co.**



WELL DETAILS: Wells Draw Unit X-33-8-16

Ground Level: GL 5749' & RKB 12' @ 5761.00ft  
 +N/-S    +E/-W    Northing    Easting    Latitude    Longitude  
 0.00    0.00    7195481.47    2023567.46    40° 3' 55.330 N    110° 7' 51.340 W

**REFERENCE INFORMATION**

Co-ordinate (N/E) Reference: Well Wells Draw Unit X-33-8-16, True North  
 Vertical (TVD) Reference: GL 5749' & RKB 12' @ 5761.00ft  
 Section (VS) Reference: Slot - (0.00N, 0.00E)  
 Measured Depth Reference: GL 5749' & RKB 12' @ 5761.00ft  
 Calculation Method: Minimum Curvature  
 Local North: True  
 Location: Sec 33 T9S 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

Survey: Survey #1 (Wells Draw Unit X-33-8-16/OH)

Created By: Julie Cruse    Date: 2007-02-17

# **Newfield Exploration Co.**

Duchesne County, UT NAD83 UTC

Wells Draw Unit X-33-8-16

Wells Draw Unit X-33-8-16

OH

Survey: Survey #1

## **Standard Survey Report**

17 February, 2008

# Scientific Drilling

## Survey Report

<b>Company:</b> Newfield Exploration Co.	<b>Local Co-ordinate Reference:</b> Well Wells Draw Unit X-33-8-16	
<b>Project:</b> Duchesne County, UT NAD83 UTC	<b>TVD Reference:</b> GL 5749' & RKB 12' @ 5761.00ft	
<b>Site:</b> Wells Draw Unit X-33-8-16	<b>MD Reference:</b> GL 5749' & RKB 12' @ 5761.00ft	
<b>Well:</b> Wells Draw Unit X-33-8-16	<b>North Reference:</b> True	
<b>Wellbore:</b> OH	<b>Survey Calculation Method:</b> Minimum Curvature	
<b>Design:</b> OH	<b>Database:</b> 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>	Wells Draw Unit X-33-8-16, Sec 33 T9S R16E				
<b>Site Position:</b>		<b>Northing:</b>	7,195,481.48 ft	<b>Latitude:</b>	40° 3' 55.330 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,023,567.46 ft	<b>Longitude:</b>	110° 7' 51.340 W
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	in	<b>Grid Convergence:</b>	0.88 °

<b>Well</b>	Wells Draw Unit X-33-8-16, 669' FNL 818' FWL Sec 33 T9S R16E					
<b>Well Position</b>	<b>+N/-S</b>	0.00 ft	<b>Northing:</b>	7,195,481.47 ft	<b>Latitude:</b>	40° 3' 55.330 N
	<b>+E/-W</b>	0.00 ft	<b>Easting:</b>	2,023,567.46 ft	<b>Longitude:</b>	110° 7' 51.340 W
<b>Position Uncertainty</b>		0.00 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	5,749.00 ft

<b>Wellbore</b>	OH				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF200510	2007-12-23	11.78	65.89	52,636

<b>Design</b>	OH				
<b>Audit Notes:</b>					
<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	35.92	

<b>Survey Program</b>	Date 2008-02-17				
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
467.00	6,491.00	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
467.00	5.25	26.11	466.35	19.20	9.41	21.07	1.12	1.12	0.00
497.00	7.23	23.22	496.17	22.17	10.76	24.26	6.68	6.60	-9.63
528.00	8.07	23.79	526.89	25.95	12.40	28.29	2.72	2.71	1.84
559.00	8.14	23.85	557.58	29.95	14.17	32.57	0.23	0.23	0.19
590.00	8.15	24.18	588.27	33.96	15.96	36.86	0.15	0.03	1.06
621.00	8.29	24.15	618.95	38.00	17.77	41.20	0.45	0.45	-0.10
651.00	8.43	23.44	648.63	42.00	19.53	45.47	0.58	0.47	-2.37
682.00	8.44	23.88	679.30	46.16	21.36	49.91	0.21	0.03	1.42
713.00	8.32	23.52	709.97	50.30	23.17	54.33	0.42	-0.39	-1.16
743.00	8.28	24.22	739.65	54.26	24.92	58.56	0.36	-0.13	2.33
774.00	8.43	24.00	770.32	58.37	26.76	62.97	0.49	0.48	-0.71
805.00	8.56	24.33	800.98	62.55	28.64	67.45	0.45	0.42	1.06

# Scientific Drilling

## Survey Report

**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT NAD83 UTC  
**Site:** Wells Draw Unit X-33-8-16  
**Well:** Wells Draw Unit X-33-8-16  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well Wells Draw Unit X-33-8-16  
**TVD Reference:** GL 5749' & RKB 12' @ 5761.00ft  
**MD Reference:** GL 5749' & RKB 12' @ 5761.00ft  
**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)
835.00	8.62	25.38	830.65	66.61	30.52	71.85	0.56	0.20	3.50
867.00	8.68	25.36	862.28	70.96	32.58	76.58	0.19	0.19	-0.06
898.00	8.70	26.19	892.93	75.18	34.62	81.19	0.41	0.06	2.68
930.00	8.87	27.11	924.55	79.55	36.81	86.02	0.69	0.53	2.87
961.00	8.78	27.65	955.18	83.77	39.00	90.72	0.39	-0.29	1.74
991.00	8.69	28.26	984.84	87.79	41.14	95.23	0.43	-0.30	2.03
1,023.00	8.82	28.80	1,016.46	92.07	43.46	100.06	0.48	0.41	1.69
1,054.00	8.74	29.83	1,047.10	96.20	45.78	104.76	0.57	-0.26	3.32
1,085.00	8.82	30.11	1,077.74	100.30	48.14	109.47	0.29	0.26	0.90
1,116.00	8.73	30.78	1,108.37	104.38	50.54	114.17	0.44	-0.29	2.16
1,147.00	8.90	30.87	1,139.01	108.45	52.97	118.91	0.55	0.55	0.29
1,178.00	8.99	31.69	1,169.63	112.57	55.48	123.71	0.50	0.29	2.65
1,209.00	9.01	32.48	1,200.25	116.68	58.05	128.55	0.40	0.06	2.55
1,240.00	9.04	32.98	1,230.86	120.77	60.68	133.40	0.27	0.10	1.61
1,270.00	9.14	33.01	1,260.49	124.75	63.26	138.14	0.33	0.33	0.10
1,301.00	9.07	33.64	1,291.10	128.85	65.96	143.04	0.39	-0.23	2.03
1,332.00	9.13	34.86	1,321.71	132.90	68.72	147.94	0.65	0.19	3.94
1,364.00	9.04	36.31	1,353.31	137.01	71.66	152.99	0.77	-0.28	4.53
1,395.00	8.99	36.58	1,383.92	140.92	74.54	157.85	0.21	-0.16	0.87
1,490.00	9.00	37.98	1,477.75	152.73	83.54	172.70	0.23	0.01	1.47
1,583.00	8.95	40.90	1,569.62	163.94	92.75	187.17	0.49	-0.05	3.14
1,677.00	8.79	40.94	1,662.49	174.89	102.25	201.61	0.17	-0.17	0.04
1,770.00	8.59	40.80	1,754.42	185.51	111.44	215.61	0.22	-0.22	-0.15
1,866.00	8.69	38.28	1,849.34	196.63	120.62	230.00	0.41	0.10	-2.62
1,960.00	8.38	38.67	1,942.29	207.56	129.30	243.94	0.34	-0.33	0.41
2,055.00	7.84	37.12	2,036.34	218.13	137.53	257.33	0.61	-0.57	-1.63
2,149.00	7.91	36.68	2,129.46	228.43	145.26	270.21	0.10	0.07	-0.47
2,243.00	7.86	35.60	2,222.57	238.84	152.87	283.10	0.17	-0.05	-1.15
2,337.00	7.93	37.27	2,315.68	249.23	160.54	296.01	0.26	0.07	1.78
2,431.00	7.89	37.40	2,408.78	259.51	168.38	308.94	0.05	-0.04	0.14
2,526.00	9.31	36.54	2,502.71	270.87	176.92	323.15	1.50	1.49	-0.91
2,619.00	9.76	36.66	2,594.43	283.23	186.10	338.55	0.48	0.48	0.13
2,713.00	10.05	37.65	2,687.03	296.12	195.87	354.72	0.36	0.31	1.05
2,804.00	9.96	37.51	2,776.64	308.65	205.51	370.52	0.10	-0.10	-0.15
2,897.00	10.07	35.62	2,868.23	321.64	215.15	386.69	0.37	0.12	-2.03
2,987.00	10.99	33.17	2,956.71	335.21	224.42	403.13	1.14	1.02	-2.72
3,080.00	11.93	34.51	3,047.86	350.56	234.72	421.59	1.05	1.01	1.44
3,175.00	12.09	34.79	3,140.78	366.82	245.96	441.35	0.18	0.17	0.29
3,269.00	12.24	37.37	3,232.67	382.82	257.62	461.16	0.60	0.16	2.74
3,363.00	11.22	38.14	3,324.70	397.93	269.32	480.26	1.10	-1.09	0.82
3,456.00	11.03	36.81	3,415.95	412.17	280.24	498.19	0.34	-0.20	-1.43
3,545.00	10.95	34.26	3,503.32	425.97	290.10	515.16	0.55	-0.09	-2.87
3,641.00	10.20	32.76	3,597.69	440.66	299.83	532.76	0.83	-0.78	-1.56
3,733.00	10.29	35.25	3,688.22	454.22	308.98	549.11	0.49	0.10	2.71
3,827.00	10.37	32.16	3,780.70	468.24	318.33	565.94	0.60	0.09	-3.29
3,920.00	9.38	32.25	3,872.32	481.73	326.83	581.86	1.06	-1.06	0.10
4,022.00	8.18	30.27	3,973.13	495.03	334.92	597.38	1.21	-1.18	-1.94
4,114.00	10.49	32.80	4,063.90	507.72	342.76	612.25	2.55	2.51	2.75
4,207.00	9.49	33.54	4,155.49	521.23	351.58	628.37	1.08	-1.08	0.80
4,300.00	10.19	34.11	4,247.12	534.43	360.43	644.25	0.76	0.75	0.61
4,395.00	10.37	33.62	4,340.60	548.51	369.88	661.19	0.21	0.19	-0.52
4,490.00	10.73	36.27	4,433.99	562.76	379.84	678.58	0.64	0.38	2.79
4,581.00	10.96	41.16	4,523.37	576.10	390.55	695.67	1.04	0.25	5.37
4,675.00	10.97	41.23	4,615.65	589.56	402.32	713.47	0.02	0.01	0.07

# Scientific Drilling

## Survey Report

**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT NAD83 UTC  
**Site:** Wells Draw Unit X-33-8-16  
**Well:** Wells Draw Unit X-33-8-16  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well Wells Draw Unit X-33-8-16  
**TVD Reference:** GL 5749' & RKB 12' @ 5761.00ft  
**MD Reference:** GL 5749' & RKB 12' @ 5761.00ft  
**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)
4,769.00	10.77	39.33	4,707.97	603.08	413.79	731.14	0.44	-0.21	-2.02
4,862.00	10.39	37.25	4,799.38	616.47	424.37	748.20	0.58	-0.41	-2.24
4,957.00	10.70	43.52	4,892.78	629.69	435.63	765.51	1.25	0.33	6.60
5,049.00	9.87	47.33	4,983.31	641.23	447.31	781.70	1.17	-0.90	4.14
5,142.00	8.96	44.82	5,075.05	651.77	458.27	796.67	1.07	-0.98	-2.70
5,236.00	8.38	43.10	5,167.98	661.96	468.11	810.70	0.68	-0.62	-1.83
5,330.00	7.55	44.65	5,261.07	671.36	477.13	823.60	0.91	-0.88	1.65
5,423.00	7.10	38.38	5,353.31	680.21	485.00	835.38	0.99	-0.48	-6.74
5,515.00	6.60	37.70	5,444.66	688.85	491.76	846.35	0.55	-0.54	-0.74
5,609.00	5.79	32.09	5,538.11	697.14	497.58	856.48	1.07	-0.86	-5.97
5,700.00	7.37	41.04	5,628.51	705.43	503.85	866.87	2.06	1.74	9.84
5,794.00	7.23	40.23	5,721.74	714.49	511.63	878.77	0.18	-0.15	-0.86
5,886.00	5.55	35.37	5,813.17	722.54	517.95	889.00	1.92	-1.83	-5.28
5,979.00	4.86	36.47	5,905.79	729.38	522.89	897.43	0.75	-0.74	1.18
6,072.00	4.28	39.61	5,998.49	735.22	527.45	904.84	0.68	-0.62	3.38
6,166.00	3.58	47.36	6,092.27	739.91	531.84	911.21	0.93	-0.74	8.24
6,259.00	3.02	48.88	6,185.11	743.49	535.82	916.45	0.61	-0.60	1.63
6,353.00	2.18	49.94	6,279.02	746.27	539.06	920.59	0.90	-0.89	1.13
6,429.00	1.85	53.32	6,354.97	747.93	541.15	923.17	0.46	-0.43	4.45
6,491.00	1.85	53.32	6,416.94	749.13	542.75	925.08	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
X-33-8-16 Target	0.00	0.00	5,330.00	684.00	492.00	7,196,172.93	2,024,048.94	40° 4' 2.090 N	110° 7' 45.011 W
- hit/miss target									
- Shape									
- survey misses target center by 10.65ft at 5400.83ft MD (5331.32 TVD, 678.07 N, 483.25 E)									
- Circle (radius 75.00)									

### Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
467.00	466.35	19.20	9.41	First MWD Survey
6,491.00	6,416.94	749.13	542.75	Projection to TD

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

(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\***

LEASE DESIGNATION AND SERIAL NO

*UTU-49092*

IF INDIAN ALLOTTEE OR TRIBE NAME  
**NA**

UNIT AGREEMENT NAME

**WELLS DRAW UNIT**

FARM OR LEASE NAME, WELL NO

**43-013-33515**

WELL NO

**WELLS DRAW FEDERAL X-33-8-16**

FIELD AND POOL OR WILDCAT

**MONUMENT BUTTE**

SECTION, T, R, M, OR BLOCK AND SURVEY OR AREA

**SEC 4, T9S, R16E**

**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 **669' FNL & 818' FWL (NWNW)**

At top prod. Interval reported below

At total depth

14 API NO **43-013-33515** DATE ISSUED **1/29/07**

12 COUNTY OR PARISH **DUCHESNE** 13 STATE **UT**

15 DATE SPUDED **12/4/07** 16 DATE TD REACHED **1/4/08** 17 DATE COMPL. (Ready to prod) **2/18/08** 18 ELEVATIONS (DF RKB, RT GR, ETC) \* **5749' GL 5761' KB** 19 ELEV. CASINGHEAD

20 TOTAL DEPTH MD & TVD **6491'** 21 PLUG BACK TD MD & TVD **6443'** 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 4517'-6253'** 25 WAS DIRECTIONAL SURVEY MADE **Yes**

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

23. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB / FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	316.86'	12 1/4	To surface w/160 sx of class "G" cement	
5-1/2" J-55	15.5#	6487.86'	7 7/8	350 sx of Primilite II & 450 sx of 50/50 poz	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 6298'	TA @ 6168'

31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

PERFORATION INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
CP5 sds 6247'-6253', 6233'-6240'	.49"	4/52	6233'-6253'	Frac w/ 15006 #'s of 20/40 sand in 304 bbls of fluid
P2 5982-92', CP1 5942-51', CP.5 5912-19'	.49"	4/104	5219'-5992'	Frac w/ 45382#'s of 20/40 sand in 586 bbls of fluid
A3 sds 5500-5512'	.49"	4/48	5500-5512'	Frac w/ 70358#'s of 20/40 sand in 592 bbls of fluid
B2 sds 5316'-5325'	.49"	4/36	5316'-5325'	Frac w/ 45093#'s of 20/40 sand in 465 bbls of fluid
C sds 5193'-5200', 5173'-5185'	.49"	4/76	5173'-5200'	Frac w/ 49946#'s of 20/40 sand in 456 bbls of fluid
D2 sds 5062'-5074', D1 sds 5023'-5031'	.49"	4/80	5023'-5074'	Frac w/ 110606#'s of 20/40 sand in 807 bbls of fluid
GB6 sds 4530'-4538', 4517'-4524'	.49"	4/60	4517'-4538'	Frac w/ 44756#'s of 20/40 sand in 429 bbls of fluid

33* PRODUCTION							
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)					
2/18/08	2 1/2" X 1 3/4" X 16' X 20' RHAC	PRODUCING					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PRODN FOR TEST PERIOD	OIL--BBL	GAS--MCF	WATER--BBL	GAS-OIL RATIO
10 day ave			----->	696	856	796	783
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.) **Used for Fuel** TEST WITNESSED BY \_\_\_\_\_

**35. LIST OF ATTACHMENTS**

36 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
 SIGNED: *Tammi Lee* **RECEIVED** TITLE **Production Technician** DATE **3/27/2008**

(See Instructions and Space 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);

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Wells Draw Federal X-33-8-16			
				Garden Gulch Mkr	3956'	
				Garden Gulch 1	4175'	
				Garden Gulch 2	4289'	
				Point 3 Mkr	4559'	
				X Mkr	4824'	
				Y-Mkr	4860'	
				Douglas Creek Mkr	4980'	
				BiCarbonate Mkr	5231'	
				B Limestone Mkr	5359'	
				Castle Peak	5886'	
				Basal Carbonate	6321'	
				Wasatch	0	
				Total Depth (Loggers)	6404'	

# NEWFIELD



Well Name: Federal 11-4G-9-16 CTB  
 LOCATION: S4G, T9S, R16E  
 COUNTY/STATE: Duchesne  
 API:

Spud Date:  
 TD:  
 CSG:  
 POP:

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	SPM	Comments
2/18/2008								
2/19/2008		210	115		54			X-33-9-16 Flowing.
2/20/2008		160	105		77			
2/21/2008		300	88		73			
2/22/2008		293	40		50			
2/23/2008		180	10		91			
2/24/2008		116	135		53			
2/25/2008		120	45		63			
2/26/2008		179	206		74			
2/27/2008		116	40		53			
2/28/2008		0	0		0			
2/29/2008		60	50		22			
3/1/2008		0	0		0			
3/2/2008		0	0		0			
3/3/2008		138	56		46			
3/4/2008		100	83		51			
3/5/2008		66	58		49			
3/6/2008		70	58		23			
3/7/2008		63	97		22			
3/8/2008		76	126		157			
3/9/2008								
3/10/2008		433	201		105			
3/11/2008		0	41		79			
3/12/2008		0	20		13			
3/13/2008		3	61		24			
3/14/2008		140	109		158			
3/15/2008		106	60		131			
3/16/2008		6	0		126			
3/17/2008		0	83		198			
3/18/2008		0	0		0			
3/19/2008		8	213		22			
3/20/2008								
		<b>2943</b>	<b>2100</b>		<b>1814</b>			



Scientific Drilling

Directional Survey Certification

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

RE: Newfield Exploration Co. Operator
Wells Draw X-33-8-16 Well Name & No.
Duchesne County, UT County & State
42DEF0712991 SDI Job No.

I, Julie Cruse, having personal knowledge of all the facts, hereby certify that the attached directional survey run from a measured depth of 467 feet to a measured depth of 6491 feet is true and correct as determined from all available records.

Handwritten signature of Julie Cruse
Signature

Rockies Region Engineer
Title

Scientific Drilling International
Company

State of : Wyoming }
County of : Natrona } ss

On this 21st day of February, 2008, before me personally appeared Julie Cruse to me known as the person described in and who executed the foregoing instrument and acknowledged that (s)he executed the same as his/her free act and deed.

Seal Darcy Neal
Notary Public

Aug 12, 2009
My Commission Expires

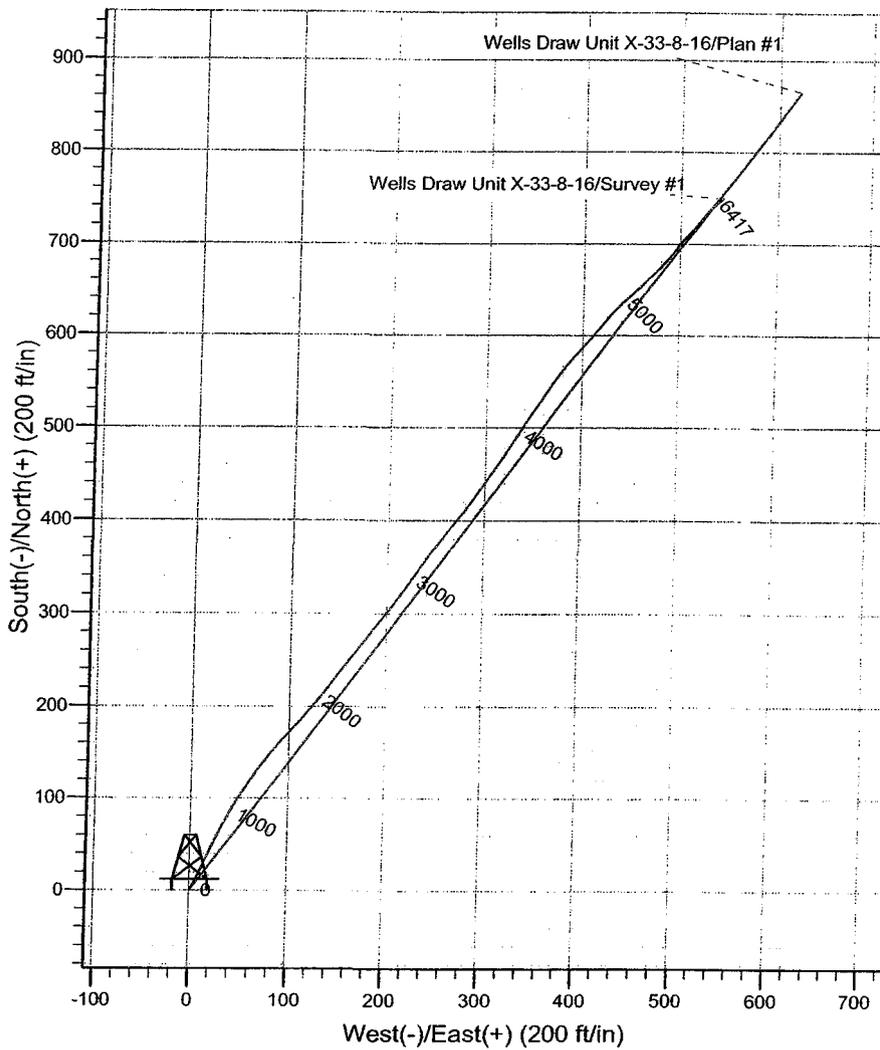
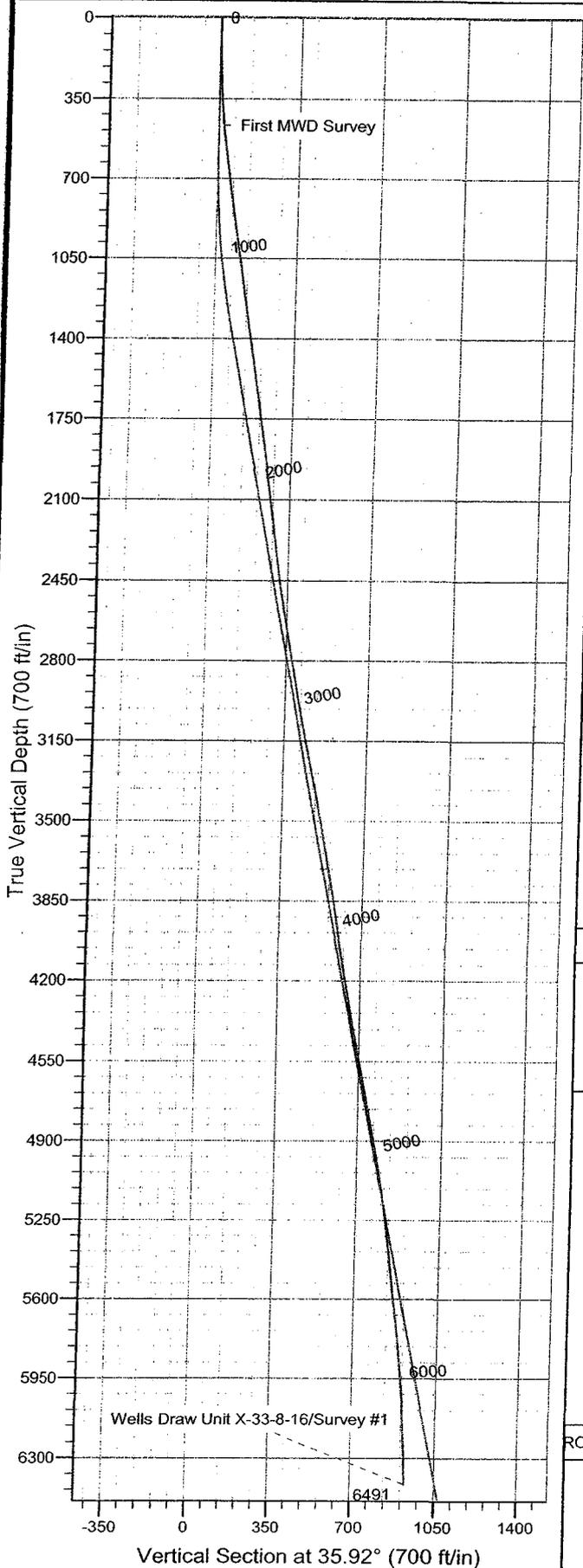




**Scientific Drilling**  
Rocky Mountain Operations

Project: Duchesne County, UT NAD83 UTC  
Site: Wells Draw Unit X-33-8-16  
Well: Wells Draw Unit X-33-8-16  
Wellbore: OH  
Design: OH

Newfield Exploration Co.



**WELL DETAILS: Wells Draw Unit X-33-8-16**

Ground Level: GL 5749' & RKB 12' @ 5761.00ft					
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	7195481.47	2023567.46	40° 3' 55.330 N	110° 7' 51.340 W

**REFERENCE INFORMATION**

Co-ordinate (N/E) Reference: Well Wells Draw Unit X-33-8-16, True North  
Vertical (TVD) Reference: GL 5749' & RKB 12' @ 5761.00ft  
Section (VS) Reference: Slot - (0.00N, 0.00E)  
Measured Depth Reference: GL 5749' & RKB 12' @ 5761.00ft  
Calculation Method: Minimum Curvature  
Local North: True  
Location: Sec 33 T9S 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

Survey: Survey #1 (Wells Draw Unit X-33-8-16/OH)  
Created By: Julie Cruse Date: 2007-02-17

# **Newfield Exploration Co.**

Duchesne County, UT NAD83 UTC

Wells Draw Unit X-33-8-16

Wells Draw Unit X-33-8-16

OH

**Survey: Survey #1**

## **Standard Survey Report**

**17 February, 2008**

# Scientific Drilling

## Survey Report

Company: Newfield Exploration Co.	Local Co-ordinate Reference: Well Wells Draw Unit X-33-8-16
Project: Duchesne County, UT NAD83 UTC	TVD Reference: GL 5749' & RKB 12' @ 5761.00ft
Site: Wells Draw Unit X-33-8-16	MD Reference: GL 5749' & RKB 12' @ 5761.00ft
Well: Wells Draw Unit X-33-8-16	North Reference: True
Wellbore: OH	Survey Calculation Method: Minimum Curvature
Design: OH	Database: EDM 2003.16 Multi-User Db

Project	Duchesne County, UT NAD83 UTC		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site Wells Draw Unit X-33-8-16, Sec 33 T9S R16E					
Site Position:		Northing:	7,195,481.48 ft	Latitude:	40° 3' 55.330 N
From:	Lat/Long	Easting:	2,023,567.46 ft	Longitude:	110° 7' 51.340 W
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence:	0.88 °

Well Wells Draw Unit X-33-8-16, 669' FNL 818' FWL Sec 33 T9S R16E						
Well Position	+N/-S	0.00 ft	Northing:	7,195,481.47 ft	Latitude:	40° 3' 55.330 N
	+E/-W	0.00 ft	Easting:	2,023,567.46 ft	Longitude:	110° 7' 51.340 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,749.00 ft

Wellbore OH					
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	2007-12-23	11.78	65.89	52,636

Design OH					
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	35.92	

Survey Program Date 2008-02-17					
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
467.00	6,491.00	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
467.00	5.25	26.11	466.35	19.20	9.41	21.07	1.12	1.12	0.00
497.00	7.23	23.22	496.17	22.17	10.76	24.26	6.68	6.60	-9.63
528.00	8.07	23.79	526.89	25.95	12.40	28.29	2.72	2.71	1.84
559.00	8.14	23.85	557.58	29.95	14.17	32.57	0.23	0.23	0.19
590.00	8.15	24.18	588.27	33.96	15.96	36.86	0.15	0.03	1.06
621.00	8.29	24.15	618.95	38.00	17.77	41.20	0.45	0.45	-0.10
651.00	8.43	23.44	648.63	42.00	19.53	45.47	0.58	0.47	-2.37
682.00	8.44	23.88	679.30	46.16	21.36	49.91	0.21	0.03	1.42
713.00	8.32	23.52	709.97	50.30	23.17	54.33	0.42	-0.39	-1.16
743.00	8.28	24.22	739.65	54.26	24.92	58.56	0.36	-0.13	2.33
774.00	8.43	24.00	770.32	58.37	26.76	62.97	0.49	0.48	-0.71
805.00	8.56	24.33	800.98	62.55	28.64	67.45	0.45	0.42	1.06

# Scientific Drilling

## Survey Report

**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT NAD83 UTC  
**Site:** Wells Draw Unit X-33-8-16  
**Well:** Wells Draw Unit X-33-8-16  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well Wells Draw Unit X-33-8-16  
**TVD Reference:** GL 5749' & RKB 12' @ 5761.00ft  
**MD Reference:** GL 5749' & RKB 12' @ 5761.00ft  
**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)
835.00	8.62	25.38	830.65	66.61	30.52	71.85	0.56	0.20	3.50
867.00	8.68	25.36	862.28	70.96	32.58	76.58	0.19	0.19	-0.06
898.00	8.70	26.19	892.93	75.18	34.62	81.19	0.41	0.06	2.68
930.00	8.87	27.11	924.55	79.55	36.81	86.02	0.69	0.53	2.87
961.00	8.78	27.65	955.18	83.77	39.00	90.72	0.39	-0.29	1.74
991.00	8.69	28.26	984.84	87.79	41.14	95.23	0.43	-0.30	2.03
1,023.00	8.82	28.80	1,016.46	92.07	43.46	100.06	0.48	0.41	1.69
1,054.00	8.74	29.83	1,047.10	96.20	45.78	104.76	0.57	-0.26	3.32
1,085.00	8.82	30.11	1,077.74	100.30	48.14	109.47	0.29	0.26	0.90
1,116.00	8.73	30.78	1,108.37	104.38	50.54	114.17	0.44	-0.29	2.16
1,147.00	8.90	30.87	1,139.01	108.45	52.97	118.91	0.55	0.55	0.29
1,178.00	8.99	31.69	1,169.63	112.57	55.48	123.71	0.50	0.29	2.65
1,209.00	9.01	32.48	1,200.25	116.68	58.05	128.55	0.40	0.06	2.55
1,240.00	9.04	32.98	1,230.86	120.77	60.68	133.40	0.27	0.10	1.61
1,270.00	9.14	33.01	1,260.49	124.75	63.26	138.14	0.33	0.33	0.10
1,301.00	9.07	33.64	1,291.10	128.85	65.96	143.04	0.39	-0.23	2.03
1,332.00	9.13	34.86	1,321.71	132.90	68.72	147.94	0.65	0.19	3.94
1,364.00	9.04	36.31	1,353.31	137.01	71.66	152.99	0.77	-0.28	4.53
1,395.00	8.99	36.58	1,383.92	140.92	74.54	157.85	0.21	-0.16	0.87
1,490.00	9.00	37.98	1,477.75	152.73	83.54	172.70	0.23	0.01	1.47
1,583.00	8.95	40.90	1,569.62	163.94	92.75	187.17	0.49	-0.05	3.14
1,677.00	8.79	40.94	1,662.49	174.89	102.25	201.61	0.17	-0.17	0.04
1,770.00	8.59	40.80	1,754.42	185.51	111.44	215.61	0.22	-0.22	-0.15
1,866.00	8.69	38.28	1,849.34	196.63	120.62	230.00	0.41	0.10	-2.62
1,960.00	8.38	38.67	1,942.29	207.56	129.30	243.94	0.34	-0.33	0.41
2,055.00	7.84	37.12	2,036.34	218.13	137.53	257.33	0.61	-0.57	-1.63
2,149.00	7.91	36.68	2,129.46	228.43	145.26	270.21	0.10	0.07	-0.47
2,243.00	7.86	35.60	2,222.57	238.84	152.87	283.10	0.17	-0.05	-1.15
2,337.00	7.93	37.27	2,315.68	249.23	160.54	296.01	0.26	0.07	1.78
2,431.00	7.89	37.40	2,408.78	259.51	168.38	308.94	0.05	-0.04	0.14
2,526.00	9.31	36.54	2,502.71	270.87	176.92	323.15	1.50	1.49	-0.91
2,619.00	9.76	36.66	2,594.43	283.23	186.10	338.55	0.48	0.48	0.13
2,713.00	10.05	37.65	2,687.03	296.12	195.87	354.72	0.36	0.31	1.05
2,804.00	9.96	37.51	2,776.64	308.65	205.51	370.52	0.10	-0.10	-0.15
2,897.00	10.07	35.62	2,868.23	321.64	215.15	386.69	0.37	0.12	-2.03
2,987.00	10.99	33.17	2,956.71	335.21	224.42	403.13	1.14	1.02	-2.72
3,080.00	11.93	34.51	3,047.86	350.56	234.72	421.59	1.05	1.01	1.44
3,175.00	12.09	34.79	3,140.78	366.82	245.96	441.35	0.18	0.17	0.29
3,269.00	12.24	37.37	3,232.67	382.82	257.62	461.16	0.60	0.16	2.74
3,363.00	11.22	38.14	3,324.70	397.93	269.32	480.26	1.10	-1.09	0.82
3,456.00	11.03	36.81	3,415.95	412.17	280.24	498.19	0.34	-0.20	-1.43
3,545.00	10.95	34.26	3,503.32	425.97	290.10	515.16	0.55	-0.09	-2.87
3,641.00	10.20	32.76	3,597.69	440.66	299.83	532.76	0.83	-0.78	-1.56
3,733.00	10.29	35.25	3,688.22	454.22	308.98	549.11	0.49	0.10	2.71
3,827.00	10.37	32.16	3,780.70	468.24	318.33	565.94	0.60	0.09	-3.29
3,920.00	9.38	32.25	3,872.32	481.73	326.83	581.86	1.06	-1.06	0.10
4,022.00	8.18	30.27	3,973.13	495.03	334.92	597.38	1.21	-1.18	-1.94
4,114.00	10.49	32.80	4,063.90	507.72	342.76	612.25	2.55	2.51	2.75
4,207.00	9.49	33.54	4,155.49	521.23	351.58	628.37	1.08	-1.08	0.80
4,300.00	10.19	34.11	4,247.12	534.43	360.43	644.25	0.76	0.75	0.61
4,395.00	10.37	33.62	4,340.60	548.51	369.88	661.19	0.21	0.19	-0.52
4,490.00	10.73	36.27	4,433.99	562.76	379.84	678.58	0.64	0.38	2.79
4,581.00	10.96	41.16	4,523.37	576.10	390.55	695.67	1.04	0.25	5.37
4,675.00	10.97	41.23	4,615.65	589.56	402.32	713.47	0.02	0.01	0.07

# Scientific Drilling

## Survey Report

**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT NAD83 UTC  
**Site:** Wells Draw Unit X-33-8-16  
**Well:** Wells Draw Unit X-33-8-16  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well Wells Draw Unit X-33-8-16  
**TVD Reference:** GL 5749' & RKB 12' @ 5761.00ft  
**MD Reference:** GL 5749' & RKB 12' @ 5761.00ft  
**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)
4,769.00	10.77	39.33	4,707.97	603.08	413.79	731.14	0.44	-0.21	-2.02
4,862.00	10.39	37.25	4,799.38	616.47	424.37	748.20	0.58	-0.41	-2.24
4,957.00	10.70	43.52	4,892.78	629.69	435.63	765.51	1.25	0.33	6.60
5,049.00	9.87	47.33	4,983.31	641.23	447.31	781.70	1.17	-0.90	4.14
5,142.00	8.96	44.82	5,075.05	651.77	458.27	796.67	1.07	-0.98	-2.70
5,236.00	8.38	43.10	5,167.98	661.96	468.11	810.70	0.68	-0.62	-1.83
5,330.00	7.55	44.65	5,261.07	671.36	477.13	823.60	0.91	-0.88	1.65
5,423.00	7.10	38.38	5,353.31	680.21	485.00	835.38	0.99	-0.48	-6.74
5,515.00	6.60	37.70	5,444.66	688.85	491.76	846.35	0.55	-0.54	-0.74
5,609.00	5.79	32.09	5,538.11	697.14	497.58	856.48	1.07	-0.86	-5.97
5,700.00	7.37	41.04	5,628.51	705.43	503.85	866.87	2.06	1.74	9.84
5,794.00	7.23	40.23	5,721.74	714.49	511.63	878.77	0.18	-0.15	-0.86
5,886.00	5.55	35.37	5,813.17	722.54	517.95	889.00	1.92	-1.83	-5.28
5,979.00	4.86	36.47	5,905.79	729.38	522.89	897.43	0.75	-0.74	1.18
6,072.00	4.28	39.61	5,998.49	735.22	527.45	904.84	0.68	-0.62	3.38
6,166.00	3.58	47.36	6,092.27	739.91	531.84	911.21	0.93	-0.74	8.24
6,259.00	3.02	48.88	6,185.11	743.49	535.82	916.45	0.61	-0.60	1.63
6,353.00	2.18	49.94	6,279.02	746.27	539.06	920.59	0.90	-0.89	1.13
6,429.00	1.85	53.32	6,354.97	747.93	541.15	923.17	0.46	-0.43	4.45
6,491.00	1.85	53.32	6,416.94	749.13	542.75	925.08	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									
X-33-8-16 Target	0.00	0.00	5,330.00	684.00	492.00	7,196,172.93	2,024,048.94	40° 4' 2.090 N	110° 7' 45.011 W
- survey misses target center by 10.65ft at 5400.83ft MD (5331.32 TVD, 678.07 N, 483.25 E)									
- Circle (radius 75.00)									

### Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
467.00	466.35	19.20	9.41	First MWD Survey
6,491.00	6,416.94	749.13	542.75	Projection to TD

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-49092

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:  
WELLS DRAW UNIT

1. TYPE OF WELL:  
OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
WELLS DRAW FEDERAL X-33-8-16

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301333515

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: 669 FNL 818 FWL  
OTR/OTR SECTION, TOWNSHIP, RANGE, MERIDIAN: ~~SWSW, 33, T8S, R16E~~ *NWNW 04, 9S, 16E*

COUNTY: DUCHESNE

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will <u>12/24/2007</u>	<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"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: <u>01/04/2008</u>	<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 type="checkbox"/> CHANGE WELL NAME	<input checked="" 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 type="checkbox"/> OTHER -
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Newfield Production drilled the Wells Draw Federal X-33-8-16 with wrong well plan. TD 2937'Drift direction 136.97°  
Newfield Production proposes to plug well as follows.

Plug # 1 set@ 2929'TIH tag cmt at 2238' +/-10% per 1000' excess( tag plug)

Plug # 2 set@ 1019'TIH tag cmt at 719' +/-10% per 1000' excess(tag plug)

Plug # 3 set@ 719' TIH tag cmt at 254' +/-10% per 1000' excess(tag plug)

Kick off Wells Draw Federal X-33-8-16 drilling plan @ 400'.

Note: plugging proposal approved by Mike Lee of the Vernal BLM office.

NAME (PLEASE PRINT) Alvin Nielsen

TITLE Drilling Foreman

SIGNATURE *Alvin Nielsen*

DATE 01/04/2008

(This space for State use only)

**RECEIVED**  
**OCT 08 2008**  
DIV. OF OIL, GAS & MINING