

NEWFIELD



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

August 25, 2008

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

RE: Applications for Permit to Drill
Greater Boundary II Federal N-29-8-17
Greater Boundary II Federal S-29-8-17
Hawkeye Federal Q-26-8-16
Blackjack Federal N-33-8-17
Mon. Butte NE Fed. Q-25-8-16
Wells Draw Federal R-33-8-16

Dear Diana:

Enclosed find APD's on the above referenced wells. Our Land Department will send you the required Directional Drill Letters. If you have any questions, feel free to give either Dave Allred or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED

AUG 28 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-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 R-33-8-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-34068
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SE 1823' FSL 1916' FEL At proposed prod. zone 1170' FSL 2630' FEL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 12.1 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 33, T8S R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1170' f/lease, 1470' 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. 1301'	19. Proposed Depth 6375'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5673' GL	22. Approximate date work will start* 4th Quarter 2008	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 8/22/08
-------------------	--	-----------------

Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL Office ENVIRONMENTAL MANAGER	Date 09-09-08
Title		

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

BHL

579946X
4435926Y
40.072162
- 110.121100

574732X
4435726Y
40.070380
- 110.123639

RECEIVED
AUG 28 2008
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
WELLS DRAW FEDERAL R-33-8-16
AT SURFACE: SW/SW SECTION 33, T8S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 1675'
Green River	1675'
Wasatch	6375'

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

Green River Formation 1675' – 6375' - 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 R-33-8-16
AT SURFACE: NW/SE SECTION 33, T8S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Wells Draw Federal R-33-8-16 located in the NW 1/4 SE 1/4 Section 33, T8S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly - 6.2 miles \pm to it's junction with an existing dirt road to the southwest; proceed southwesterly - 4.2 miles \pm to it's junction with an existing road to the southeast; proceed southeasterly - 0.4 miles \pm to it's junction with an existing road to the northwest; proceed northwesterly - 0.3 miles \pm to it's junction with the beginning of the access road to the existing Federal 33-33B-8-16 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 33-33B-8-16 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 33-33B-8-16 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Wells Draw Federal R-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

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District
Water Right: 43-10136

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

Newfield Collector Well

Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

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

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Wells Draw Federal R-33-8-16 will be drilled off of the existing Federal 33-33B-8-16 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

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

12. **OTHER ADDITIONAL INFORMATION**

Newfield Production Company requests 1600' of disturbed area be granted in Lease UTU-49092 to allow for construction of the proposed surface gas lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a 10" or smaller gas gathering line, and a 3" poly fuel gas line and 30' wide upon completion of the proposed gas lines. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 1600' 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. In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #08-169, 8/5/08. Paleontological Resource Survey prepared by, Wade E. Miller, 6/25/08. See attached report cover pages, **Exhibit "D"**.

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), State of Utah approved surface disposal facilities, or Federally approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

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

Reserve Pit Liner

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

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

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

Squirrell Tail	<i>Elymus Elymoides</i>	6 lbs/acre
Siberian Wheatgrass	<i>Agropyron Fragile</i>	2 lbs/acre
Gardner Saltbush	<i>Atriplex Gardneri</i>	1 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	1 lbs/acre
Fourwing Saltbush	<i>Atriplex Canescens</i>	1 lbs/acre
Scarlet Globemallow	<i>Sphaeralcea Conccinea</i>	0.20 lbs/acre
Forage Kochia	<i>Kochia Prostrata</i>	0.20 lbs/acre

Details of the On-Site Inspection

The proposed Wells Draw Federal R-33-8-16 was on-sited on 5/14/08. The following were present; Dave Allred (Newfield Production), Kevan Stevens (Newfield Production), Michael Cutler (Bureau of Land Management), Brandon McDonald (Bureau of Land Management), dan Emmett (Bureau of Land Management), and James Herford (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

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

Certification

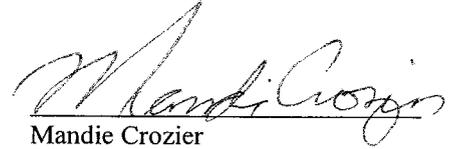
Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #R-33-8-16 NW/SE Section 33, Township 8S, Range 16E: Lease UTU-49092 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drill site 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.

8/22/08

Date



Mandie Crozier

Regulatory Specialist

Newfield Production Company



Scientific Drilling
Rocky Mountain Operations

Project: Duchesne County, UT NAD83 UTC
Site: Wells Draw
Well: Wells Draw R-33-8-16
Wellbore: OH
Design: Plan #1

Newfield Exploration Co.

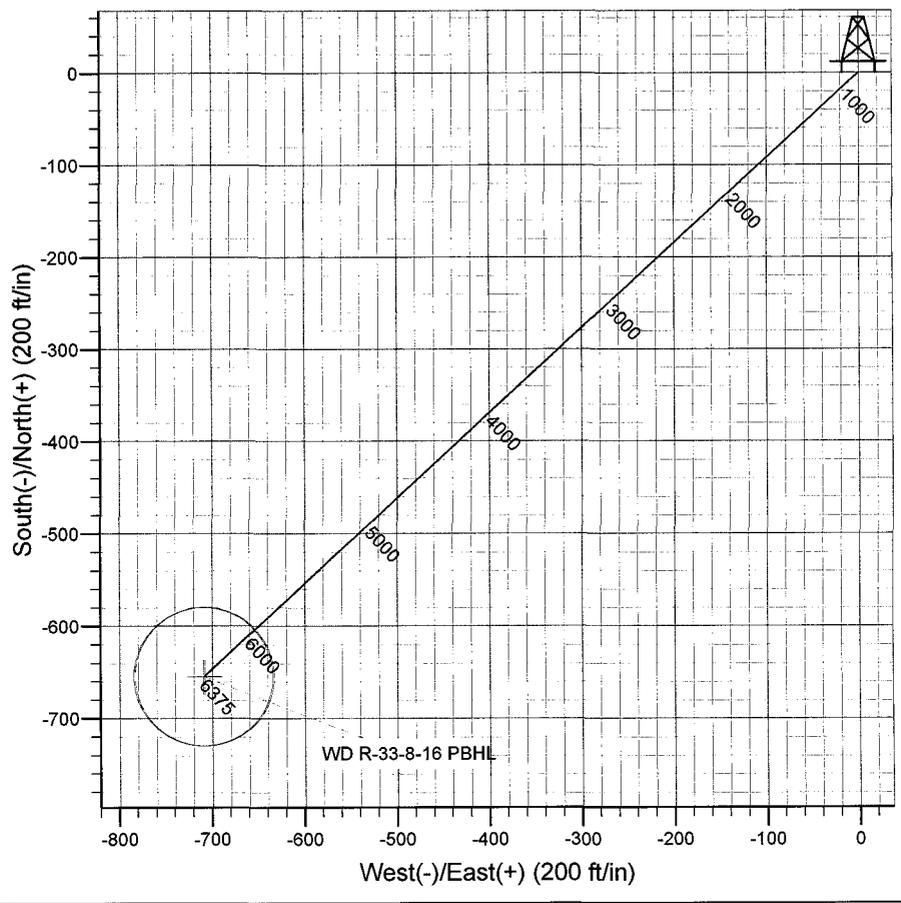
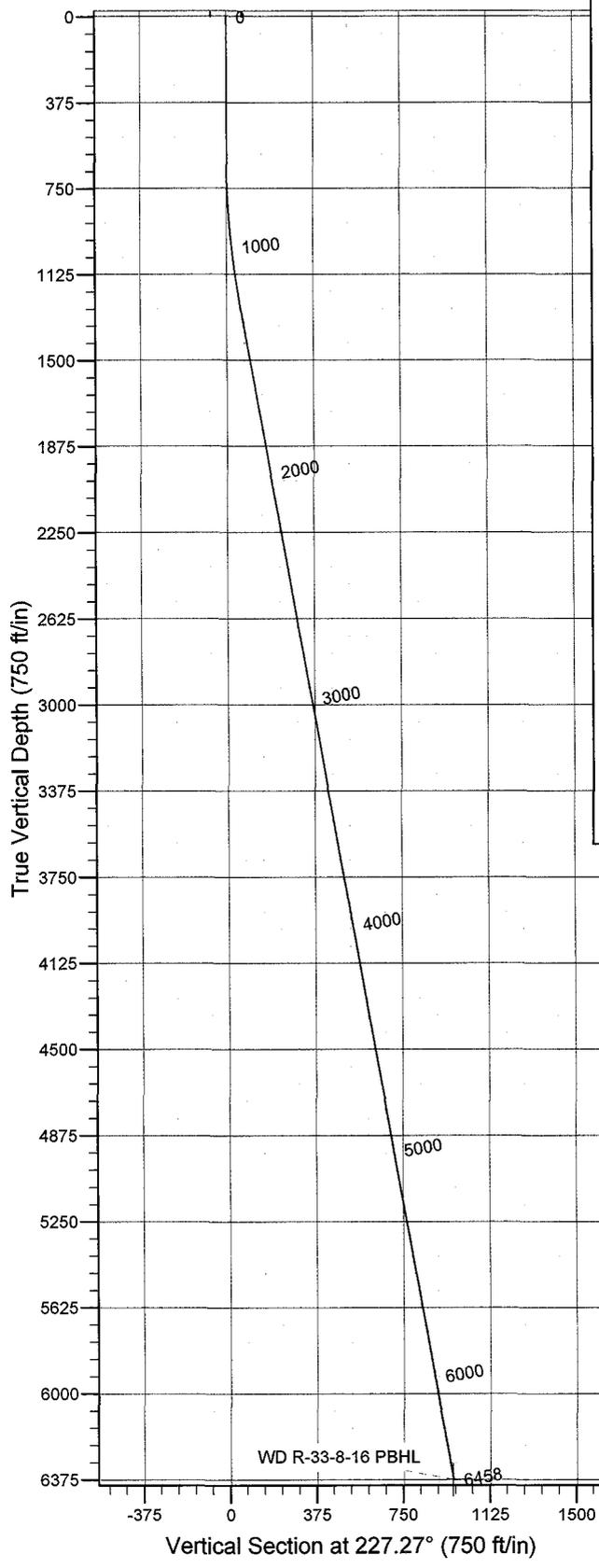


Azimuths to True North
Magnetic North: 11.70°

Magnetic Field
Strength: 52589.5snT
Dip Angle: 65.89°
Date: 2008-07-13
Model: IGRF2005-10

WELL DETAILS: Wells Draw R-33-8-16

	GL 5673' & RKB 12' @ 5685.00ft	5673.00	
+N/-S	Northing	Easting	Latitude
0.00	7198005.33	2026074.92	40° 4' 19.890 N
+E/-W		Longitude	
0.00		110° 7' 18.590 W	



Plan: Plan #1 (Wells Draw R-33-8-16/OH)
Created By: Julie Cruse Date: 2008-07-13
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
Location:
System Datum: Mean Sea Level
Local North: True

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
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	
1270.80	10.06	227.27	1267.35	-39.86	-43.15	1.50	227.27	58.75	
6458.23	10.06	227.27	6375.00	-654.84	-708.89	0.00	0.00	965.06	WD R-33-8-16 PBHL

Newfield Exploration Co.

Duchesne County, UT NAD83 UTC

Wells Draw

Wells Draw R-33-8-16

OH

Plan: Plan #1

Standard Planning Report

13 July, 2008

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Wells Draw
Well: Wells Draw R-33-8-16
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Wells Draw R-33-8-16
TVD Reference: GL 5673' & RKB 12' @ 5685.00ft
MD Reference: GL 5673' & RKB 12' @ 5685.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

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,				
Site Position:		Northing:	7,198,076.65 ft	Latitude:	40° 4' 21.410 N
From:	Lat/Long	Easting:	2,020,683.91 ft	Longitude:	110° 8' 27.920 W
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence:	0.87 °

Well	Wells Draw R-33-8-16, 1823' FSL 1916' FEL Sec 33 T8S R16E					
Well Position	+N/-S	0.00 ft	Northing:	7,198,005.33 ft	Latitude:	40° 4' 19.890 N
	+E/-W	0.00 ft	Easting:	2,026,074.92 ft	Longitude:	110° 7' 18.590 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,673.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	IGRF2005-10	2008-07-13	(°) 11.70	(°) 65.89	(nT) 52,590

Design	Plan #1				
Audit Notes:					
Version:	Phase:	PLAN	Tie On Depth:	0.00	
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction	
	(ft)	(ft)	(ft)	(°)	
	0.00	0.00	0.00	227.27	

Plan Sections										
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Dogleg	Build	Turn	TFO	Target
Depth	(°)	(°)	Depth	(ft)	(ft)	Rate	Rate	Rate	(°)	
(ft)			(ft)			(°/100ft)	(°/100ft)	(°/100ft)		
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	
1,270.80	10.06	227.27	1,267.35	-39.86	-43.15	1.50	1.50	0.00	227.27	
6,458.23	10.06	227.27	6,375.00	-654.84	-708.89	0.00	0.00	0.00	0.00	WD R-33-8-16 PBHL

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Wells Draw
Well: Wells Draw R-33-8-16
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Wells Draw R-33-8-16
TVD Reference: GL 5673' & RKB 12' @ 5685.00ft
MD Reference: GL 5673' & RKB 12' @ 5685.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	1.50	227.27	699.99	-0.89	-0.96	1.31	1.50	1.50	0.00
800.00	3.00	227.27	799.91	-3.55	-3.85	5.23	1.50	1.50	0.00
900.00	4.50	227.27	899.69	-7.99	-8.65	11.77	1.50	1.50	0.00
1,000.00	6.00	227.27	999.27	-14.20	-15.37	20.92	1.50	1.50	0.00
1,100.00	7.50	227.27	1,098.57	-22.17	-24.00	32.68	1.50	1.50	0.00
1,200.00	9.00	227.27	1,197.54	-31.91	-34.54	47.03	1.50	1.50	0.00
1,270.80	10.06	227.27	1,267.35	-39.86	-43.15	58.75	1.50	1.50	0.00
1,300.00	10.06	227.27	1,296.11	-43.33	-46.90	63.85	0.00	0.00	0.00
1,400.00	10.06	227.27	1,394.57	-55.18	-59.74	81.32	0.00	0.00	0.00
1,500.00	10.06	227.27	1,493.03	-67.04	-72.57	98.79	0.00	0.00	0.00
1,600.00	10.06	227.27	1,591.49	-78.89	-85.40	116.27	0.00	0.00	0.00
1,700.00	10.06	227.27	1,689.96	-90.75	-98.24	133.74	0.00	0.00	0.00
1,800.00	10.06	227.27	1,788.42	-102.60	-111.07	151.21	0.00	0.00	0.00
1,900.00	10.06	227.27	1,886.88	-114.46	-123.90	168.68	0.00	0.00	0.00
2,000.00	10.06	227.27	1,985.34	-126.31	-136.74	186.15	0.00	0.00	0.00
2,100.00	10.06	227.27	2,083.80	-138.17	-149.57	203.62	0.00	0.00	0.00
2,200.00	10.06	227.27	2,182.27	-150.02	-162.41	221.09	0.00	0.00	0.00
2,300.00	10.06	227.27	2,280.73	-161.88	-175.24	238.56	0.00	0.00	0.00
2,400.00	10.06	227.27	2,379.19	-173.73	-188.07	256.04	0.00	0.00	0.00
2,500.00	10.06	227.27	2,477.65	-185.59	-200.91	273.51	0.00	0.00	0.00
2,600.00	10.06	227.27	2,576.11	-197.44	-213.74	290.98	0.00	0.00	0.00
2,700.00	10.06	227.27	2,674.58	-209.30	-226.57	308.45	0.00	0.00	0.00
2,800.00	10.06	227.27	2,773.04	-221.15	-239.41	325.92	0.00	0.00	0.00
2,900.00	10.06	227.27	2,871.50	-233.01	-252.24	343.39	0.00	0.00	0.00
3,000.00	10.06	227.27	2,969.96	-244.86	-265.08	360.86	0.00	0.00	0.00
3,100.00	10.06	227.27	3,068.42	-256.72	-277.91	378.33	0.00	0.00	0.00
3,200.00	10.06	227.27	3,166.89	-268.57	-290.74	395.81	0.00	0.00	0.00
3,300.00	10.06	227.27	3,265.35	-280.43	-303.58	413.28	0.00	0.00	0.00
3,400.00	10.06	227.27	3,363.81	-292.28	-316.41	430.75	0.00	0.00	0.00
3,500.00	10.06	227.27	3,462.27	-304.14	-329.24	448.22	0.00	0.00	0.00
3,600.00	10.06	227.27	3,560.73	-315.99	-342.08	465.69	0.00	0.00	0.00
3,700.00	10.06	227.27	3,659.19	-327.85	-354.91	483.16	0.00	0.00	0.00
3,800.00	10.06	227.27	3,757.66	-339.70	-367.75	500.63	0.00	0.00	0.00
3,900.00	10.06	227.27	3,856.12	-351.56	-380.58	518.10	0.00	0.00	0.00
4,000.00	10.06	227.27	3,954.58	-363.41	-393.41	535.58	0.00	0.00	0.00
4,100.00	10.06	227.27	4,053.04	-375.27	-406.25	553.05	0.00	0.00	0.00
4,200.00	10.06	227.27	4,151.50	-387.12	-419.08	570.52	0.00	0.00	0.00
4,300.00	10.06	227.27	4,249.97	-398.98	-431.91	587.99	0.00	0.00	0.00
4,400.00	10.06	227.27	4,348.43	-410.83	-444.75	605.46	0.00	0.00	0.00
4,500.00	10.06	227.27	4,446.89	-422.69	-457.58	622.93	0.00	0.00	0.00
4,600.00	10.06	227.27	4,545.35	-434.54	-470.41	640.40	0.00	0.00	0.00
4,700.00	10.06	227.27	4,643.81	-446.40	-483.25	657.88	0.00	0.00	0.00
4,800.00	10.06	227.27	4,742.28	-458.25	-496.08	675.35	0.00	0.00	0.00
4,900.00	10.06	227.27	4,840.74	-470.11	-508.92	692.82	0.00	0.00	0.00
5,000.00	10.06	227.27	4,939.20	-481.96	-521.75	710.29	0.00	0.00	0.00
5,100.00	10.06	227.27	5,037.66	-493.82	-534.58	727.76	0.00	0.00	0.00
5,200.00	10.06	227.27	5,136.12	-505.67	-547.42	745.23	0.00	0.00	0.00

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Wells Draw
Well: Wells Draw R-33-8-16
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Wells Draw R-33-8-16
TVD Reference: GL 5673' & RKB 12' @ 5685.00ft
MD Reference: GL 5673' & RKB 12' @ 5685.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.00	10.06	227.27	5,234.59	-517.53	-560.25	762.70	0.00	0.00	0.00
5,400.00	10.06	227.27	5,333.05	-529.38	-573.08	780.17	0.00	0.00	0.00
5,500.00	10.06	227.27	5,431.51	-541.24	-585.92	797.65	0.00	0.00	0.00
5,600.00	10.06	227.27	5,529.97	-553.09	-598.75	815.12	0.00	0.00	0.00
5,700.00	10.06	227.27	5,628.43	-564.95	-611.59	832.59	0.00	0.00	0.00
5,800.00	10.06	227.27	5,726.90	-576.80	-624.42	850.06	0.00	0.00	0.00
5,900.00	10.06	227.27	5,825.36	-588.66	-637.25	867.53	0.00	0.00	0.00
6,000.00	10.06	227.27	5,923.82	-600.51	-650.09	885.00	0.00	0.00	0.00
6,100.00	10.06	227.27	6,022.28	-612.37	-662.92	902.47	0.00	0.00	0.00
6,200.00	10.06	227.27	6,120.74	-624.22	-675.75	919.94	0.00	0.00	0.00
6,300.00	10.06	227.27	6,219.21	-636.08	-688.59	937.42	0.00	0.00	0.00
6,400.00	10.06	227.27	6,317.67	-647.93	-701.42	954.89	0.00	0.00	0.00
6,458.23	10.06	227.27	6,375.00	-654.84	-708.89	965.06	0.00	0.00	0.00

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
WD R-33-8-16 PBHL - plan hits target center - Circle (radius 75.00)	0.00	0.00	6,375.00	-654.84	-708.89	7,197,339.64	2,025,376.20	40° 4' 13.418 N	110° 7' 27.709 W

NEWFIELD PRODUCTION COMPANY

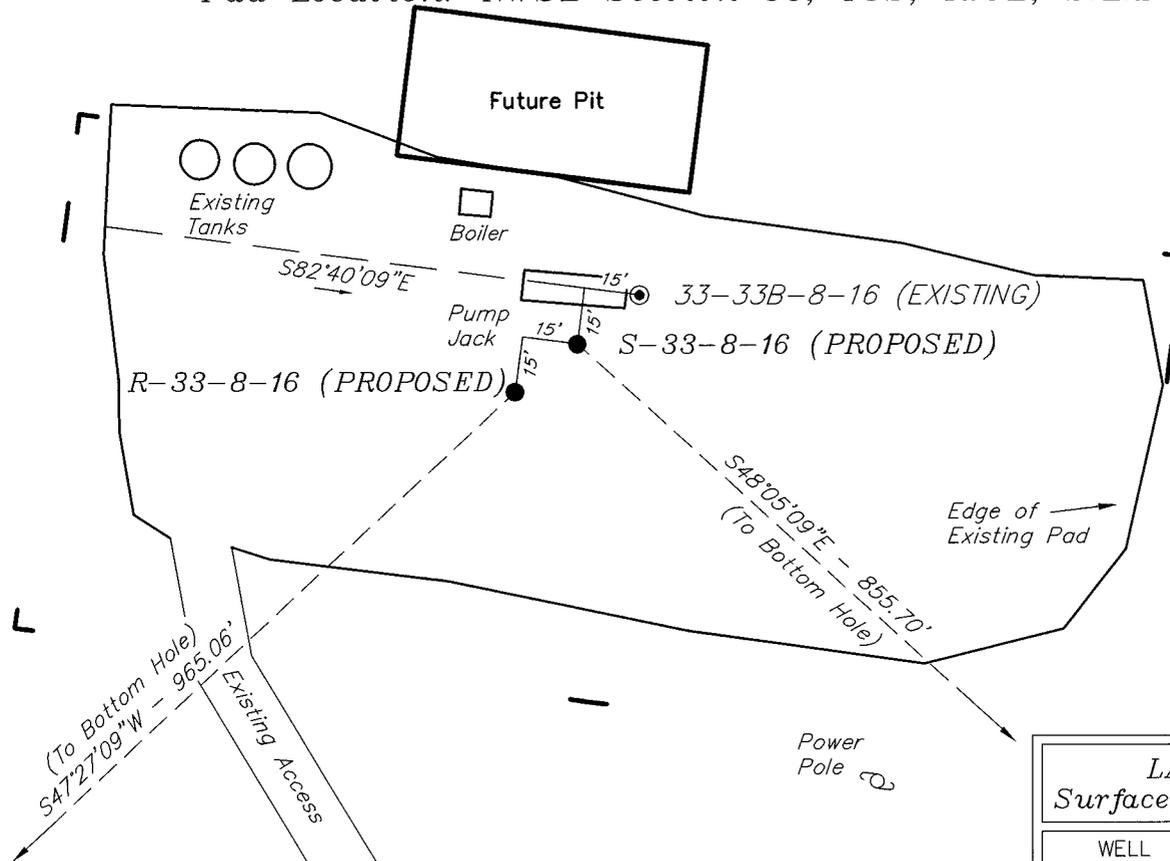
WELL PAD INTERFERENCE PLAT

WELLS DRAW R-33-8-16 (Proposed Well)

WELLS DRAW S-33-8-16 (Proposed Well)

WELLS DRAW 33-33B-8-16 (Existing Well)

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



TOP HOLE FOOTAGES

R-33-8-16 (PROPOSED)

1823' FSL & 1916' FEL

S-33-8-16 (PROPOSED)

1836' FSL & 1899' FEL

BOTTOM HOLE FOOTAGES

R-33-8-16 (PROPOSED)

1170' FSL & 2630' FEL

S-33-8-16 (PROPOSED)

1265' FSL & 1265' FEL

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
R-33-8-16	40° 04' 19.89"	110° 07' 18.59"
S-33-8-16	40° 04' 20.02"	110° 07' 18.37"
33-33B-8-16	40° 04' 20.15"	110° 07' 18.15"

RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
R-33-8-16	-558'	-711'
S-33-8-16	-667'	637'

Note:

Bearings are based on GLO Information.

SURVEYED BY: T.H.	DATE SURVEYED: 02-15-08
DRAWN BY: F.T.M.	DATE DRAWN: 03-03-08
SCALE: 1" = 50'	REVISED:

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

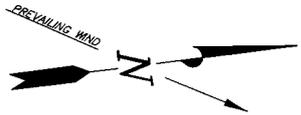
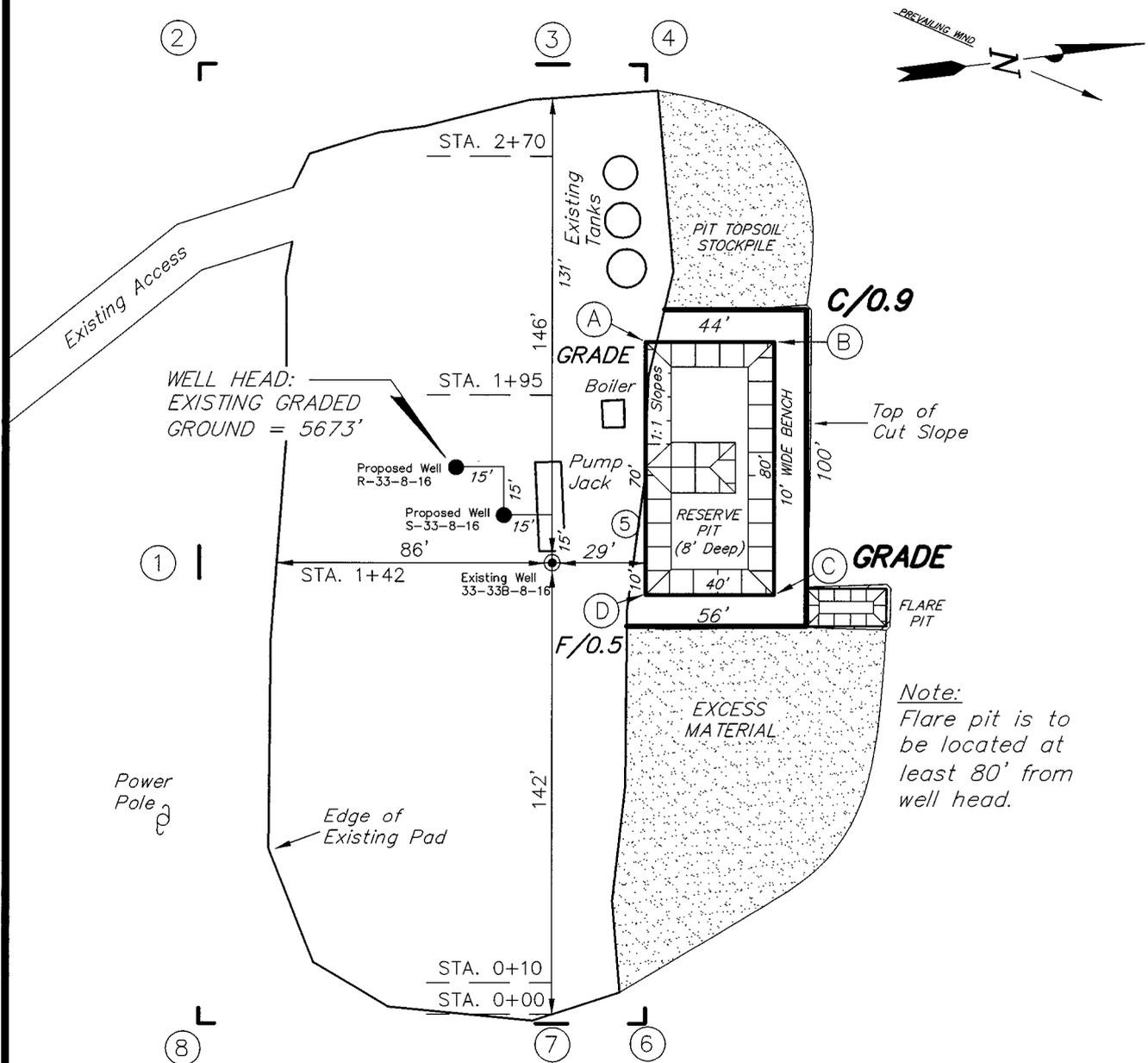
NEWFIELD PRODUCTION COMPANY

WELLS DRAW R-33-8-16 (Proposed Well)

WELLS DRAW S-33-8-16 (Proposed Well)

WELLS DRAW 33-33B-8-16 (Existing Well)

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



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

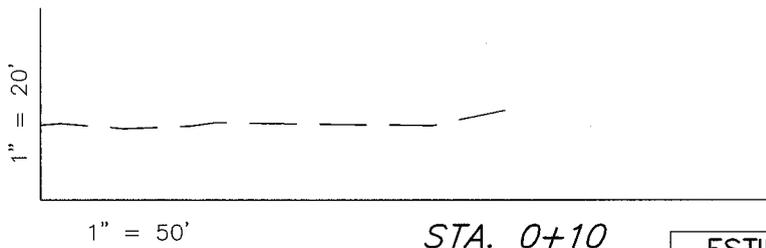
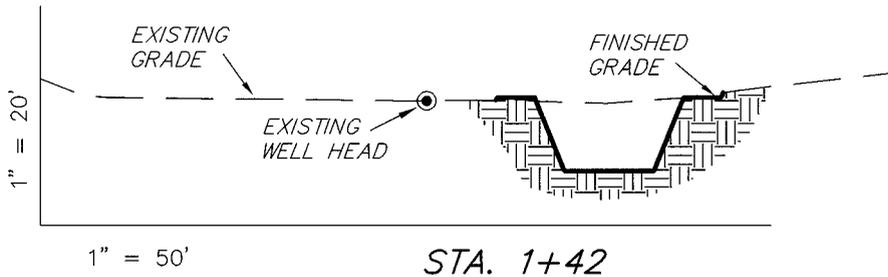
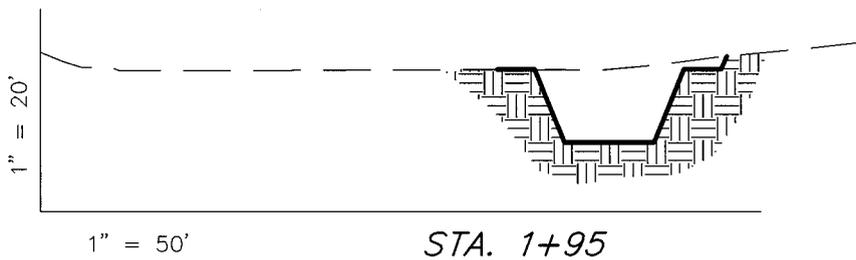
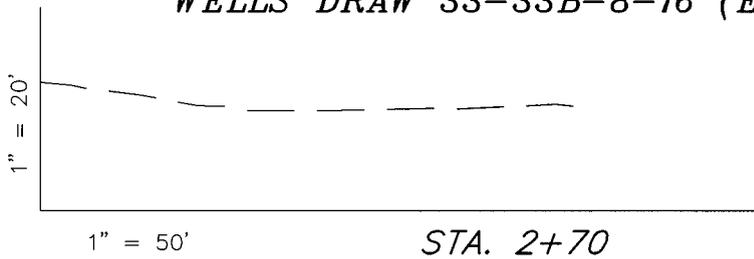
SURVEYED BY: T.H.	DATE SURVEYED: 02-15-08
DRAWN BY: F.T.M.	DATE DRAWN: 03-03-08
SCALE: 1" = 50'	REVISED:

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

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

WELLS DRAW R-33-8-16 (Proposed Well)
WELLS DRAW S-33-8-16 (Proposed Well)
WELLS DRAW 33-33B-8-16 (Existing Well)



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

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	40	10	Topsoil is not included in Pad Cut	30
PIT	640	0		640
TOTALS	680	10	120	670

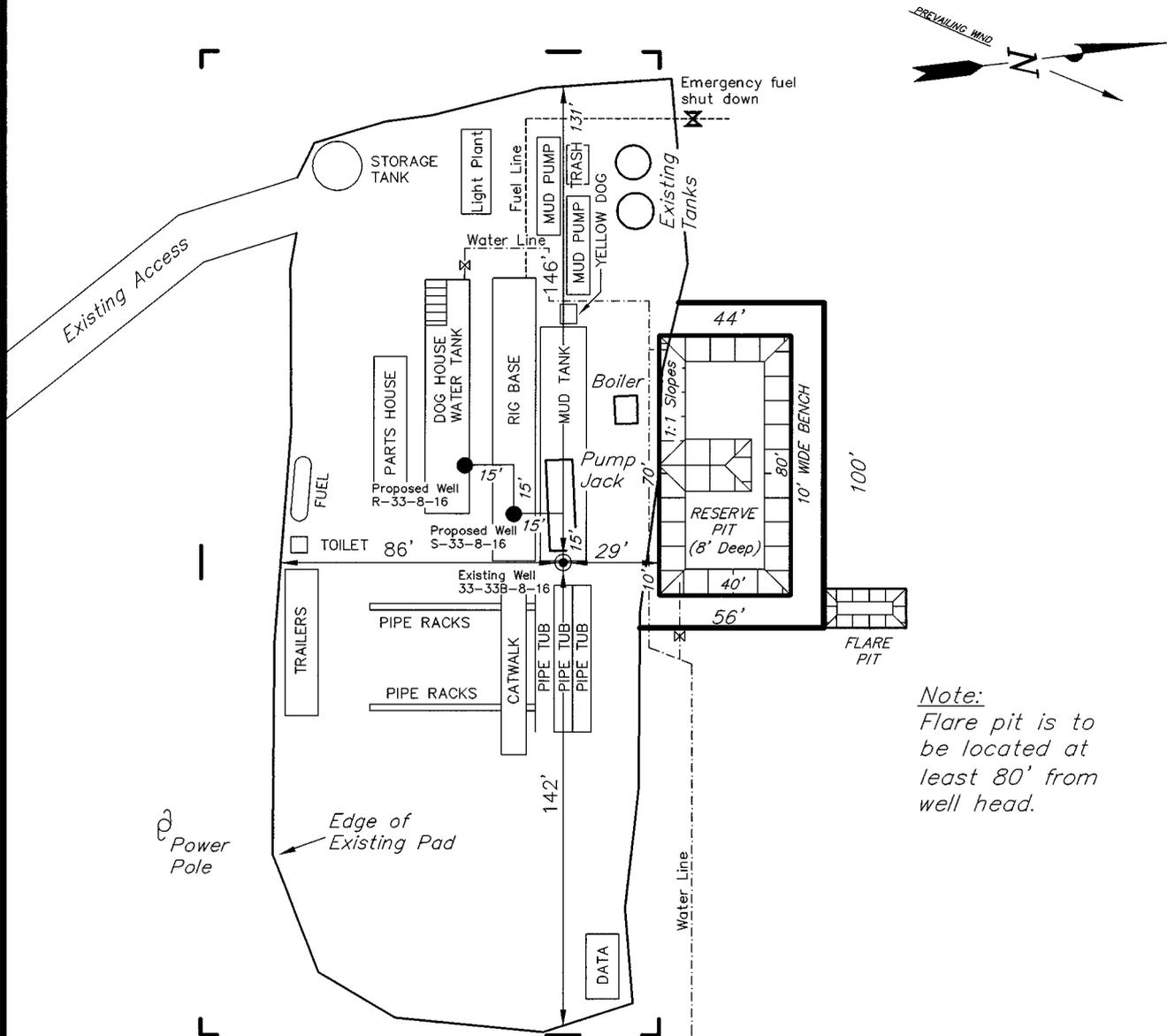
SURVEYED BY: T.H.	DATE SURVEYED: 02-15-08	
DRAWN BY: F.T.M.	DATE DRAWN: 03-03-08	
SCALE: 1" = 50'	REVISED:	

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

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

WELLS DRAW R-33-8-16 (Proposed Well)
 WELLS DRAW S-33-8-16 (Proposed Well)
 WELLS DRAW 33-33B-8-16 (Existing Well)



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

SURVEYED BY: T.H.	DATE SURVEYED: 02-15-08
DRAWN BY: F.T.M.	DATE DRAWN: 03-03-08
SCALE: 1" = 50'	REVISED:

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

Newfield Production Company Proposed Site Facility Diagram

Wells Draw Federal R-33-8-16
From the 33-33B-8-16 Location
NW/SE Sec. 33, T8S, 16E
Duchesne County, Utah
UTU-49092

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

Production Phase:

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

Sales Phase:

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

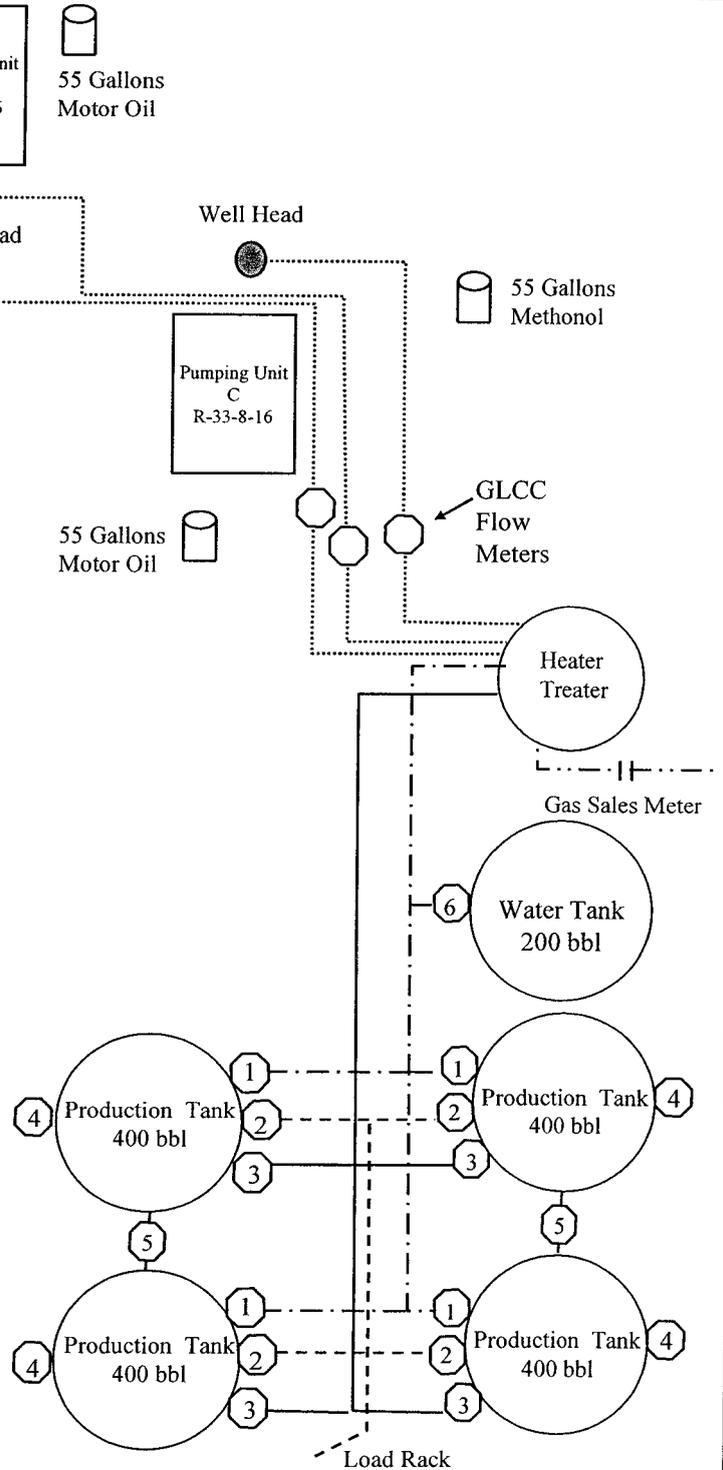
Draining Phase:

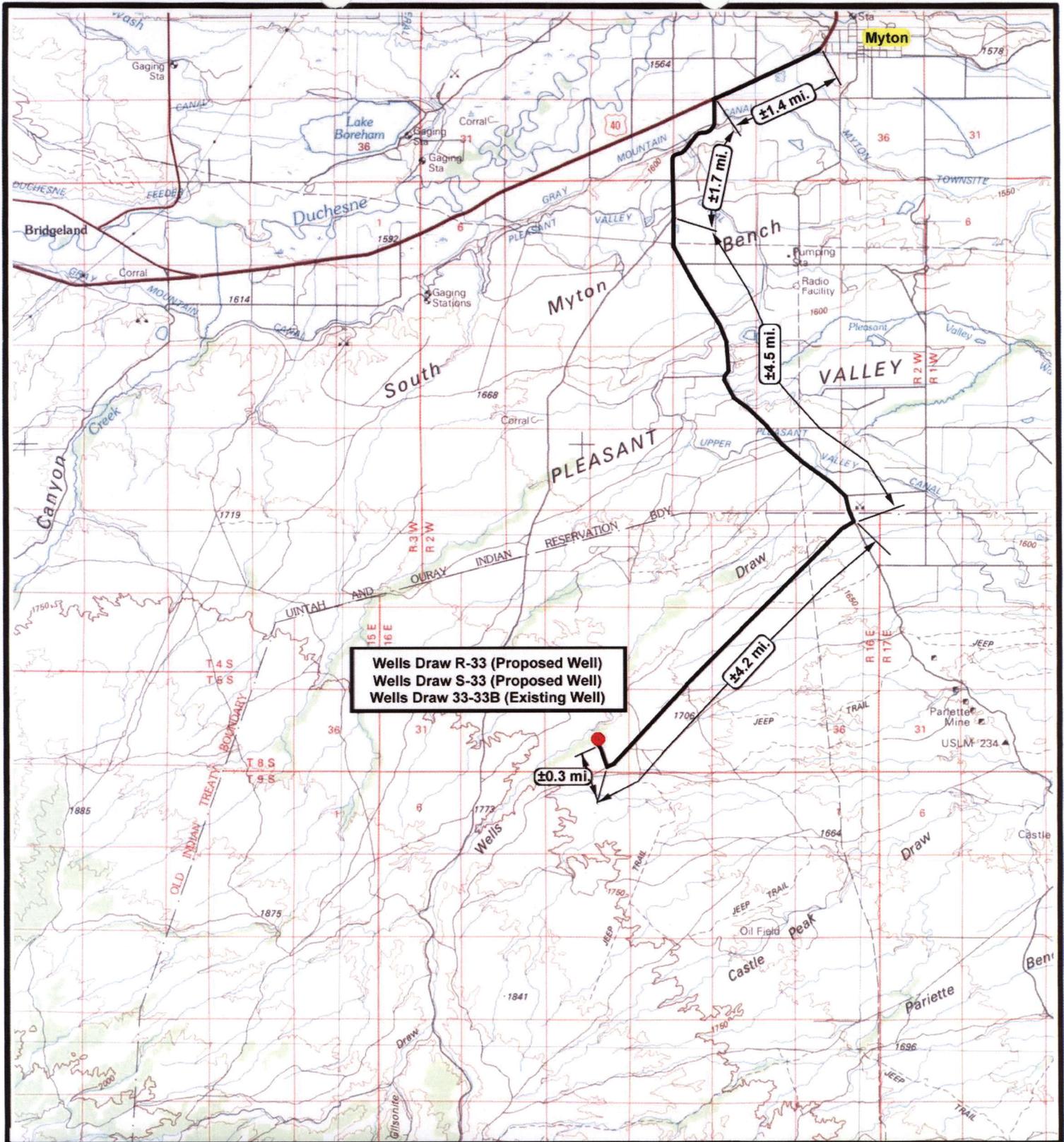
- 1) Valves 1 and 6 open

Legend

Emulsion Line
Load Line	-----
Water Line	- . - . - .
Oil Line	_____
Gas Sales	- . - . - .

← Diked Section





Wells Draw R-33 (Proposed Well)
Wells Draw S-33 (Proposed Well)
Wells Draw 33-33B (Existing Well)


NEWFIELD
 Exploration Company

Wells Draw R-33-8-16 (Proposed Well)
Wells Draw S-33-8-16 (Proposed Well)
Wells Draw 33-33B-8-16 (Existing Well)
 Pad Location: NWSE SEC. 33, T8S, R16E, S.L.B.&M.



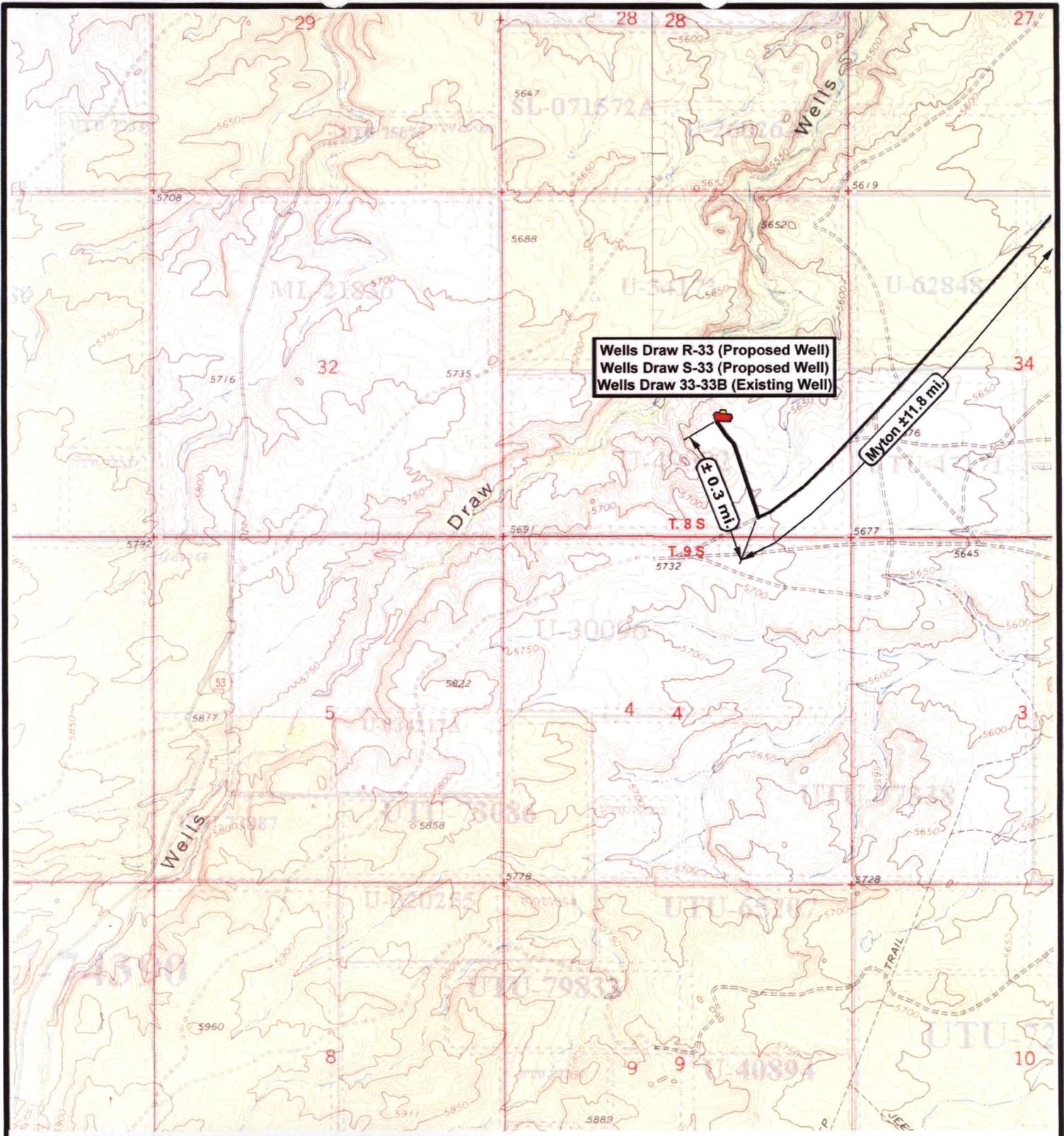

Tri-State
 Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1:100,000
 DRAWN BY: nc
 DATE: 03-31-2008

Legend

 Existing Road

TOPOGRAPHIC MAP
"A"



Wells Draw R-33 (Proposed Well)
 Wells Draw S-33 (Proposed Well)
 Wells Draw 33-33B (Existing Well)

0.3 mi

11.8 mi



NEWFIELD
Exploration Company

Wells Draw R-33-8-16 (Proposed Well)
Wells Draw S-33-8-16 (Proposed Well)
Wells Draw 33-33B-8-16 (Existing Well)
 Pad Location: NWSE SEC. 33, T8S, R16E, S.L.B.&M.



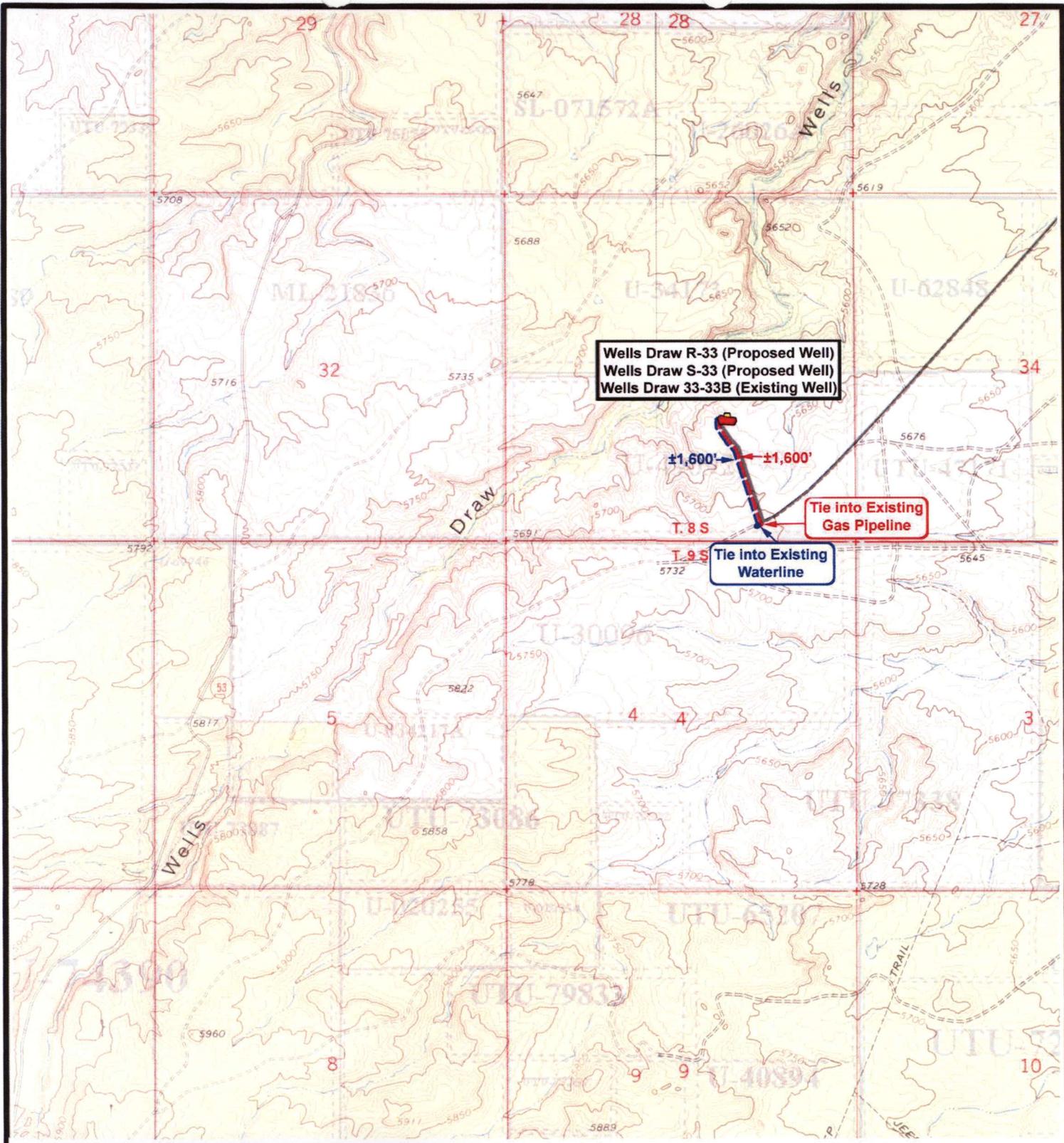

Tri-State
Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'
 DRAWN BY: nc
 DATE: 03-31-2008

Legend

 Existing Road

TOPOGRAPHIC MAP
"B"



NEWFIELD
Exploration Company

Wells Draw R-33-8-16 (Proposed Well)
Wells Draw S-33-8-16 (Proposed Well)
Wells Draw 33-33B-8-16 (Existing Well)
 Pad Location: NWSE SEC. 33, T8S, R16E, S.L.B.&M.



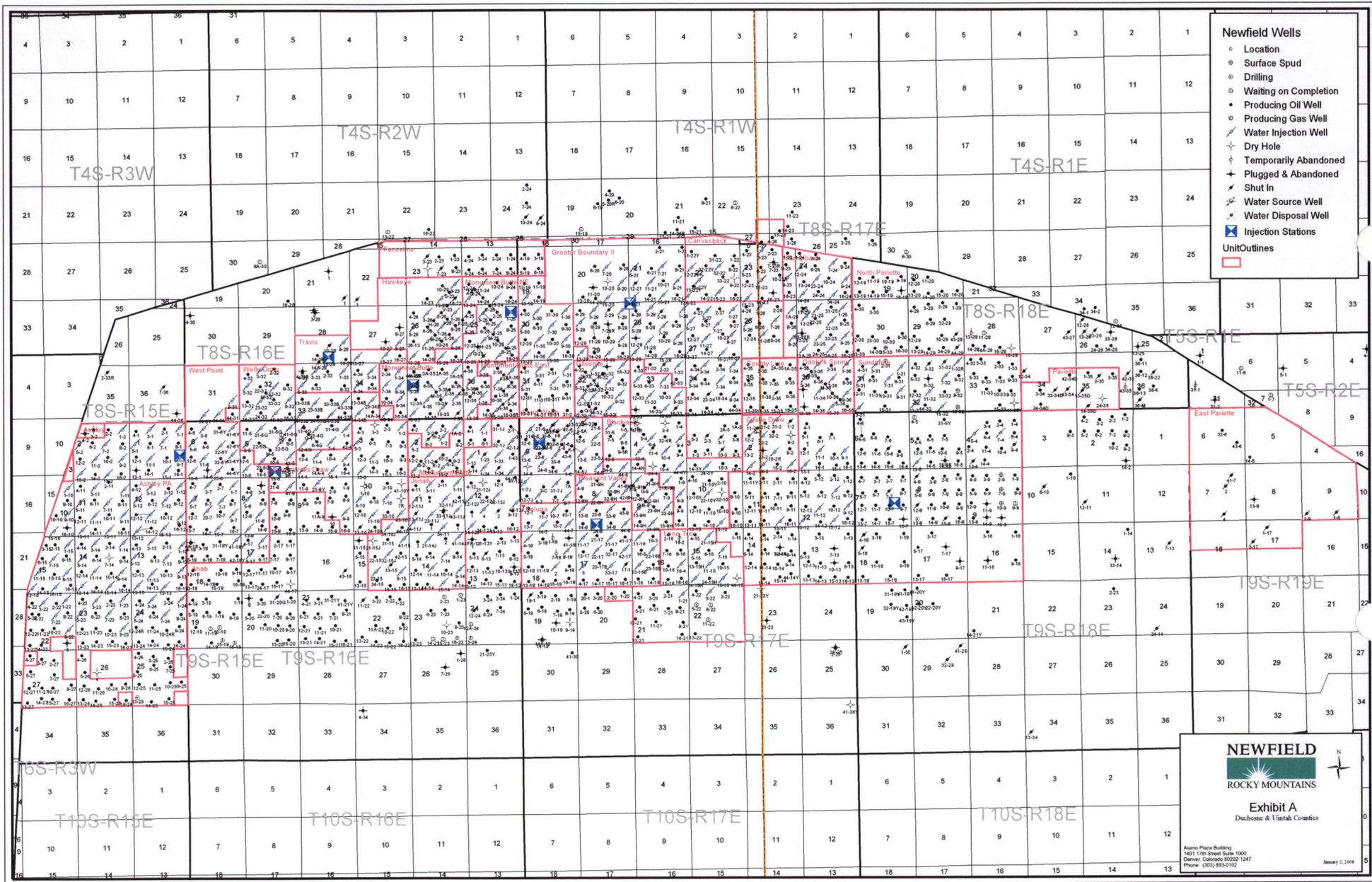
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

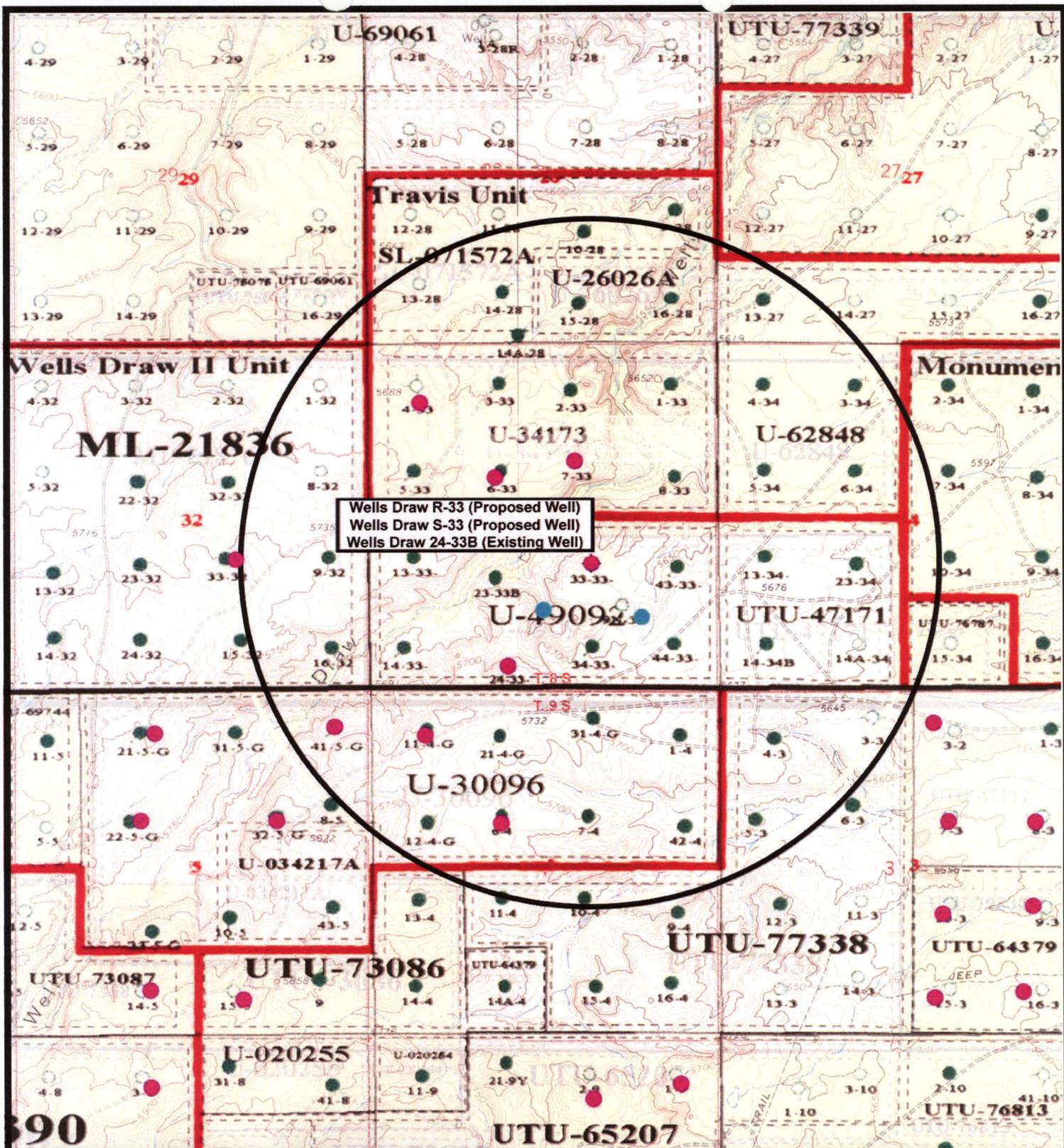
SCALE: 1" = 2000'
 DRAWN BY: nc
 DATE: 03-31-2008

Legend

- Existing Road
- Proposed Gas Line
- Proposed Water Line

TOPOGRAPHIC MAP
"C"





Wells Draw R-33 (Proposed Well)
 Wells Draw S-33 (Proposed Well)
 Wells Draw 24-33B (Existing Well)



Wells Draw R-33-8-16 (Proposed Well)
 Wells Draw S-33-8-16 (Proposed Well)
 Wells Draw 33-33B-8-16 (Existing Well)
 Pad Location: NWSE SEC. 33, T8S, R16E, S.L.B.&M.



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

SCALE: 1" = 2,000'
 DRAWN BY: nc
 DATE: 03-31-2008

Legend

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

Exhibit "B"

2-M SYSTEM
Blowout Prevention Equipment Systems

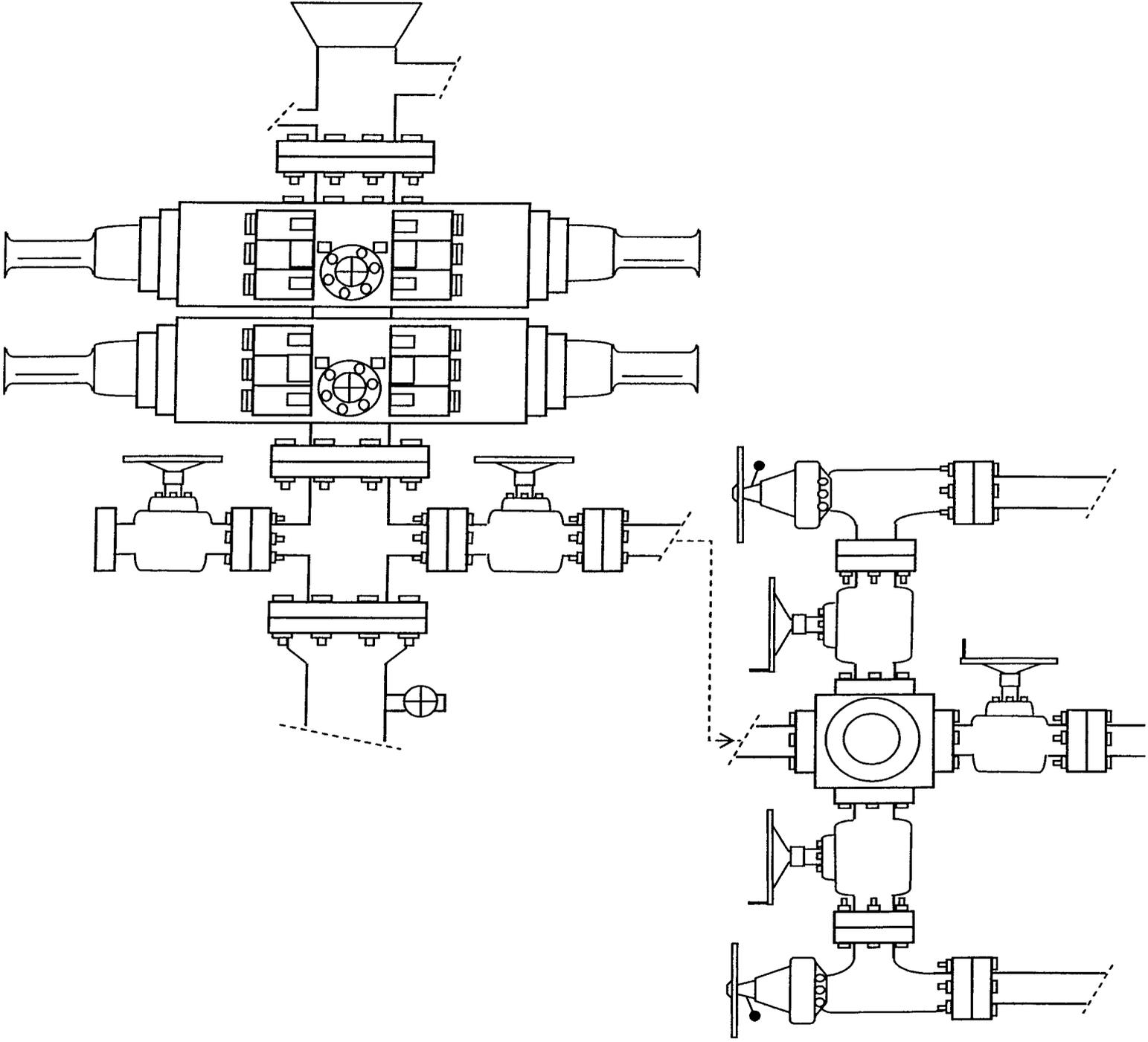


EXHIBIT C

Exhibit "D"

1 of 2

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S PROPOSED
WELLS DRAW 33-33B-8-16, WELLS DRAW 24-32-8-16,
WEST POINT 6-6-9-16, AND WEST POINT 12-6-9-16
WATERLINES, DUCHESNE COUNTY, UTAH

By:

Jacki A. Montgomery

Prepared for:

Bureau of Land Management
Vernal Field Office
and
School and Institutional
Trust Lands Administration

Prepared Under Contract With:

Newfield Exploration Company
Rt. 3 Box 3630
Myton, Utah 84052

Submitted By:

Montgomery Archaeological Consultants Inc.
P.O. Box 219
Moab, Utah 84532

MOAC Report No. 08-169

August 5, 2008

United States Department of Interior (FLPMA)
Permit No. 08-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-08-MQ-0624bs

NEWFIELD EXPLORATION COMPANY

**PALEONTOLOGICAL SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE & UINTAH COUNTIES, UTAH**

NE 1/4, NE 1/4, Section 32, T 8 S, R 18 E (1-32RT-8-18); NW 1/4, SW 1/4,
Section 25, SE 1/4, SW 1/4, Section 32 & NW 1/4, SE 1/4 Section 33, T 8 S, R 16 E (12-25-8-
16; 24-32-8-16; 33-33B-8-16); SE 1/4, NW 1/4, & NW 1/4, SW 1/4 Section 6, T 9 S, R 16 E (6-
6-9-16; 12-6-9-16); NW 1/4, SW 1/4, Section 33, T 8 S, R 17 E (12-33-8-17); and SW 1/4, NE
1/4, Section 3, T 9 S, R 17 E (7-3-9-17)

REPORT OF SURVEY

Prepared for:

Newfield Exploration Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
June 25, 2008

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 08/28/2008

API NO. ASSIGNED: 43-013-34068

WELL NAME: WELLS DRAW FED R-33-8-16
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

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

NWSE 33 080S 160E
 SURFACE: 1823 FSL 1916 FEL
 BOTTOM: 1170 FSL 2630 FEL
 COUNTY: DUCHESNE
 LATITUDE: 40.07216 LONGITUDE: -110.1211
 UTM SURF EASTINGS: 574946 NORTHINGS: 4435926
 FIELD NAME: MONUMENT BUTTE (105)

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. WYB000493)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-10136)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit: WELLS DRAW (GRRV)
- 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: _____

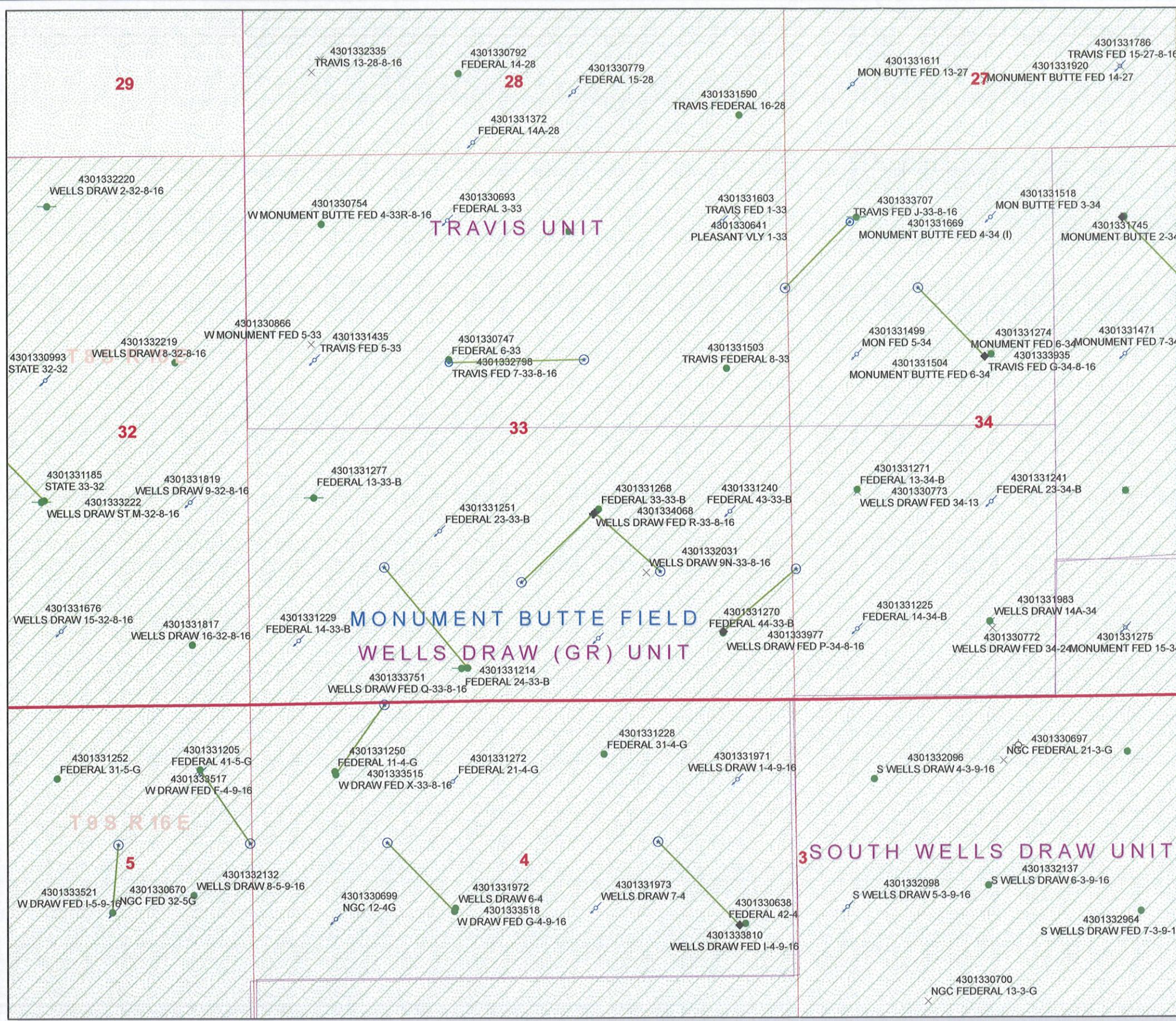
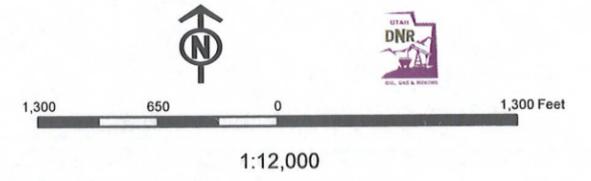
STIPULATIONS: _____

1. Seismic Approval
2. Spacing Plan

API Number: 4301334068
Well Name: WELLS DRAW FED R-33-8-16
Township 08.0 S Range 16.0 E Section 33
Meridian: SLBM
Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
 Map Produced by Diana Mason

Units	Wells Query Events
STATUS	✗ <all other values>
ACTIVE	GIS_STAT_TYPE
EXPLORATORY	<Null>
GAS STORAGE	APD
NF PP OIL	DRL
NF SECONDARY	GI
PI OIL	GS
PP GAS	LA
PP GEOTHERML	NEW
PP OIL	OPS
SECONDARY	PA
TERMINATED	PGW
Fields	POW
STATUS	RET
ACTIVE	SGW
COMBINED	SOW
Sections	TA
Township	TW
	WD
	WI
	WS
	Bottom Hole Location





September 4, 2008

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
PO Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
Wells Draw Federal R-33-8-16
Wells Draw Unit
UTU-76613A
Surface Hole: T8S R16E, Section 33: NWSE
1823' FSL 1916' FEL
Bottom Hole: T8S R16E, Section 33
1170' FSL 2630' FEL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated August 22, 2008, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and bottom hole location of this well are both within the boundaries of the Wells Draw Unit UTU-76613A. Newfield certifies that it is the Wells Draw Unit Operator and all lands within 460 feet of the entire directional well bore are within the Wells Draw Unit.

NPC is permitting this well as a directional well in order to minimize surface disturbance. By directionally drilling from the referenced surface location, NPC will be able to utilize the existing roads and pipelines in this area.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at reveland@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,
NEWFIELD PRODUCTION COMPANY

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland
Land Associate

RECEIVED

SEP 08 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

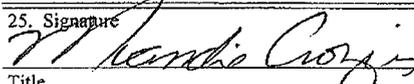
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-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 R-33-8-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No.
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SE 1823' FSL 1916' FEL At proposed prod. zone 1170' FSL 2630' FEL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 12.1 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 33, T8S R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1170' f/ise, 1470' 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. 1301'	19. Proposed Depth 6375'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5673' GL	22. Approximate date work will start* 4th Quarter 2008	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 8/22/08
Title Regulatory Specialist		

Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

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

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

*(Instructions on reverse)

RECEIVED

SEP 08 2008

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)

September 9, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2008 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 2008 within the Wells Draw Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-34067	Wells Draw Fed S-33-8-16 Sec 33 T08S R16E 1836 FSL 1899 FEL BHL Sec 33 T08S R16E 1265 FSL 1265 FEL	
43-013-34068	Wells Draw Fed R-33-8-16 Sec 33 T08S R16E 1823 FSL 1916 FEL BHL Sec 33 T08S R16E 1170 FSL 2630 FEL	

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

/s/ Michael L. Coulthard

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



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 9, 2008

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

Re: Wells Draw Federal R-33-8-16 Well, Surface Location 1823' FSL, 1916' FEL, NW SE, Sec. 33, T. 8 South, R. 16 East, Bottom Location 1170' FSL, 2630' FEL, SW SE, 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 43-013-34068.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Newfield Production Company
Well Name & Number Wells Draw Federal R-33-8-16
API Number: 43-013-34068
Lease: UTU-49092

Surface Location: NW SE Sec. 33 T. 8 South R. 16 East
Bottom Location: SW SE Sec. 33 T. 8 South R. 16 East

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

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

- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

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

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.
6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

VERNAL FIELD OFFICE

2 FEB 1 2009

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
APPLICATION FOR PERMIT TO DRILL OR REENTER

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

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-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 R-33-8-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-34068
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SE 1823' FSL 1916' FEL At proposed prod. zone 1170' FSL 2630' FEL SWSE		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximately 12.1 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 33, T8S R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1170' f/lease, 1470' f/unit	16. No. of Acres in lease 320.00	12. County or Parish Duchesne
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1301'	17. Spacing Unit dedicated to this well 20 Acres	13. State UT
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5673' GL	19. Proposed Depth 6375'	20. BLM/BIA Bond No. on file WYB000493
22. Approximate date work will start* 4th Quarter 2008	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 <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 8/22/08
Title Regulatory Specialist		
Approved by (Signature) <i>Jerry Kevicka</i>	Name (Printed/Typed) Jerry Kevicka	Date FEB 05 2009
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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

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

*(Instructions on reverse)

NOTICE OF APPROVAL

RECEIVED

NOS 05/05/08

FEB 10 2009

AFMSS# 08 PPO 785A

DIV. OF OIL, GAS & MINING

UDOGM



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

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	Newfield Production Company	Location:	NWSE, Sec. 33, T8S, R16E (S) SWSE, Sec. 33, T8S, R16E (B)
Well No:	Wells Draw Fed R-33-8-16	Lease No:	UTU-49092
API No:	43-013-34068	Agreement:	Wells Draw Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
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:	Nathan Packer	(435) 781-3405	(435) 828-3545
NRS/Enviro Scientist:	David Gordon	(435) 781-4424	
NRS/Enviro Scientist:	Christine Cimiluca	(435) 781-4475	

Fax: (435) 781-3420

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

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

NOTIFICATION REQUIREMENTS

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

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

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

SITE SPECIFIC COAs:

NEPA Document number: DOI-BLM-UT-G010-2009-0158-EA

Company/Operator: Newfield Production Company

Well Name & Number: Federal Q-25-8-16, Federal S-24-8-16, Federal R-25-8-16, Federal 5-21-8-16, Federal 12-21-8-16, Federal 13-21-8-16, Federal B-25-8-16, Federal R-33-8-16, Federal S-33-8-16.

Surface Ownership: BLM

CONDITIONS OF APPROVAL:

Wildlife

Golden Eagle

There are two documented Golden Eagle nests approximately 0.23 miles north and 0.5 miles north of the project area. Both nests have been active from 2006-2008. With this occurrence there will be a timing restriction during construction and drilling to minimize disturbance to Golden Eagle nesting from February 1 – July 15.

If it is anticipated that construction or drilling will occur during the given timing restrictions for any wildlife, a BLM or qualified biologist shall be notified so surveys can be conducted. Depending upon the results of the survey, permission to proceed may or may not be recommended or granted.

- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim/Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the re-spreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

Interim Reclamation:

The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be re-contoured and the topsoil re-spread, and the area shall be seeded using a rangeland drill. Seeding depth as per AO, or seed distributor. If portions of the site are too steep (>40%), or rocky, that portion may be broadcast seeded. If broadcasting seed, the seed shall be walked into the soil with a dozer immediately

after the seeding is completed, or covered by soil using a drag chain. Seeding shall occur in the fall (August 1st until snow or ground is frozen) with the following seed mix:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Forage Kochia	<i>Kochia Prostrata</i>	0.20	1/2"
Squirreltail grass	<i>Elymus elymoides</i>	3.0	1/4 - 1/2"
Siberian wheatgrass	<i>Agropyron fragile</i>	1.0	1/2"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	1/2"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	1/2"
Gardner's saltbush	<i>Atriplex gardneri</i>	0.50	1/2"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	1/8 - 1/4"

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

• **Final reclamation:**

Once the location is plugged and abandoned, the well location, access, and any disturbed areas shall be re-contoured to natural topography, topsoil shall be re-spread, and the entire location shall be seeded following guidelines in the seed mix bullet statement above. Final seed mix: same as interim unless otherwise instructed.

- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be re-contoured and the topsoil re-spread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be re-contoured to natural topology, topsoil shall be re-spread, and the entire location shall be seeded with a seed mix recommended by the AO (see above). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.

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

SITE SPECIFIC DOWNHOLE COAs:

- **Newfield Production Co. shall adhere to all referenced requirements in the SOP along with all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal Onshore Oil and Gas Orders. A complete angular deviation and directional survey report shall be submitted to the Vernal BLM field office within 30 days following the completion of the well.**

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.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Wellogs@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 (¼¼, 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.

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# 29 Submitted By
Reed Durfey Phone Number 823-5566
Well Name/Number Wells Draw R-33-8-16
Qtr/Qtr NW/SE Section 33 Township 8S Range 16E
Lease Serial Number UTU-49092
API Number 43-013-34068

Spud Notice – Spud is the initial spudding of the well, not drilling
out below a casing string.

Date/Time July 30,2009 9:00 AM PM

Casing – Please report time casing run starts, not cementing
times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time July 30,2009 1:00 AM PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

RECEIVED

JUL 30 2009

DIV. OF OIL, GAS & MINING

Date/Time _____ AM PM

Remarks _____

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8" CASING SET AT 320.52

LAST CASING 8 5/8" SET AT 320.52
 DATUM 12
 DATUM TO CUT OFF CASING 12
 DATUM TO BRADENHEAD FLANGE 12
 TD DRILLER 315 LOGGER _____
 HOLE SIZE 12 1/4"

OPERATOR Newfield Exploration Company
 WELL WELLS DRW R-33-8-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Ross Rig #29

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
1		WHI 92 Csg Head			8rd	A	0.95
7	8 5/8"	Maverick ST&C Csg (Shoe Jt. 44.10')	24#	J-55	8rd	A	308.67
1	8 5/8"	Guide Shoe			8rd	8	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			310.52
TOTAL LENGTH OF STRING		310.52	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	0	CASING SET DEPTH			320.52
TOTAL		308.67	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		308.67	7				
TIMING							
BEGIN RUN CSG.	Spud	9:00 AM	7/29/2009	GOOD CIRC THRU JOB			Yes
CSG. IN HOLE		12:00 PM	8/3/2009	Bbls CMT CIRC TO SURFACE			3
BEGIN CIRC		8:33 AM	8/4/2009	RECIPROCATED PIPI			No
BEGIN PUMP CMT		8:46 AM	8/4/2009	BUMPED PLUG TO			375
BEGIN DSPL. CMT		8:57 AM	8/4/2009				
PLUG DOWN		9:08 AM	8/4/2009				

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	17346	4301350018	HANCOCK 3-20-4-1	NENW	20	4S	1W	DUCHESNE	8/7/2009	8/13/09
WELL 1 COMMENTS: <i>GRRU</i>											
A	99999	17347	4301334257	LAMB 16-19-4-1	SESE	19	4S	1W	DUCHESNE	8/5/2009	8/13/09
<i>GRRU</i>											
A	99999		4304740503	UTE TRIBAL 4-30-4-1E	NENW	30	4S	1E	UINTAH	7/16/2009	
<i>Duplicate (submitted in July)</i>											
A	99999	17348	4301333145	FEDERAL 9-21-9-16	NESE	21	9S	16E	DUCHESNE	7/31/2009	8/13/09
<i>GRRU</i>											
B	99999	12276	4301334068	WELLS DRAW FEDERAL R-33-8-16	NWSE	33	8S	16E	DUCHESNE	7/29/2009	8/13/09
WELL 5 COMMENTS: <i>GRRU</i> <i>BHL = SWSE</i>											
B	99999	12276	4301334067	WELLS DRAW FEDERAL S-33-8-16	NWSE	33	8S	16E	DUCHESNE	8/1/2009	8/13/09
WELL 5 COMMENTS: <i>GRRU</i> <i>BHL = SESE</i>											

ACTION CODES (See instructions on back of form)

- A - new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

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

RECEIVED
 AUG 12 2009

DIV. OF OIL, GAS & MINING

[Signature]
 Signature _____ Jentri Park
 Production Clerk
 Date 08/12/09

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
435 646 3721

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

NWSE 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 DRW R-33-8-16

9. API Well No.
4301334068

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

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

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

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

On 8/22/09 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 @ 276'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6440'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 143jt's of 5.5 J-55, 15.5# csgn. Set @ 6434.94' / KB. Cement with 250sks cement mixed @ 11.0 ppg & 3.53 yld. The 425 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 12 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 88,000 #'s tension. Release rig @ 2:00 pm 8/29/09.

RECEIVED
SEP 02 2009
DIV. OF OIL, GAS & MINING

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

Don Bastian

Title

Drilling Foreman

Signature

Don Bastian

Date

08/29/2009

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

Office

Date

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

(Instructions on page 2)

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:

7. UNIT or CA AGREEMENT NAME:

WELLS DRAW UNIT

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

1. TYPE OF WELL:

OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:

WELLS DRAW R-33-8-16

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

9. API NUMBER:

4301334068

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:

COUNTY: DUCHESNE

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

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will <hr/>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 09/29/2009	<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 type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

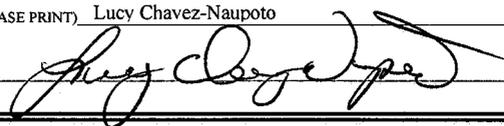
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 09-29-09, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Production Tech

SIGNATURE



DATE 10/05/2009

(This space for State use only)

RECEIVED

OCT 07 2009

DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

WELLS DRW R-33-8-16

7/1/2009 To 11/30/2009

9/11/2009 Day: 1

Completion

Rigless on 9/11/2009 - CBL/Perforate 1st stage. - RU frac head & Cameron BOP's. RU Hot Oiler truck & test casing, frac head, frac valves & BOP's to 4500 psi. RU Perforators LLC WLT, Mast & pack off tool. Run CBL under pressure. WLTD @ 6350' w/ cement top @ 48'. RIH & Perforate BLKSH-SD @ 6250-6252', 6236-42', 6228-30' w/ 3-1/8" Slick Guns (19 gram, .49"EH, 120°) w/ 3 spf for total of 30 shots. RD WLT & Hot Oiler. SIFN w/ 152 bbls EWTR.

Daily Cost: \$0

Cumulative Cost: \$11,882

9/16/2009 Day: 2

Completion

Rigless on 9/16/2009 - Frac 5 stages. SWIFN. 2607 BWTR. - RU The Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug @ 5', 4', 2' perf guns. Set plug @ 6050'. Perforate CP2 sds @ 5986-91', CP1 sds @ 5950-54' & CP.5 sds @ 5916-18' w/ 3 1/8" slick gun (.36" EH, 11 gram, 120°, 16.82¢ pen., PPG-3111-301) w/ 3 spf for total of 33 shots. RU BJ Services. 1760 psi on well. Broke @ 2845 psi. Pressure dropped below open pressure. No shut ins recorded. Frac CP2/CP1/CP.5 sds w/ 29,840#'s of 20/40 sand in 440 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2918 psi w/ ave rate of 46.6 BPM. ISIP 1958 psi. FG @ .76. Leave pressure on well. 1016 BWTR. - RU The Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug @ 5' perf gun. Set plug @ 4630'. Perforate GB6 sds @ 4558-63' w/ 3 1/8" slick gun (.36" EH, 11 gram, 120°, 16.82¢ pen., PPG-3111-301) w/ 3 spf for total of 15 shots. SWIFN. 2607 BWTR. - RU The Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug @ 5' & 4- 2' perf guns. Set plug @ 5180'. Perforate D3 sds @ 5112-17, D2 sds @ 5077-79' & 6067-69' & D1 sds @ 5028-30' & 5023-25' w/ 3 1/8" slick gun (.36" EH, 11 gram, 120°, 16.82¢ pen., PPG-3111-301) w/ 3 spf for total of 39 shots. RU BJ Services. 1585 psi on well. Broke @ 3019 psi. ISIP @ 2034 psi, 1 min @ 1871 psi, 4 min @ 1753 psi. FG @ .84. Frac D3/D2/D1 sds w/ 80,747#'s of 20/40 sand in 646 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2918 psi w/ ave rate of 47.7 BPM. ISIP 2451 psi, 5 min @ 2252 psi, 10 min @ 2153 psi, 15 min @ 2093 psi. FG @ .92. Leave pressure on well. 2607 BWTR. - RU The Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug @ 7', 3' perf guns. Set plug @ 5550'. Perforate A1 sds @ 5468-75' & 5458-61' w/ 3 1/8" slick gun (.36" EH, 11 gram, 120°, 16.82¢ pen., PPG-3111-301) w/ 3 spf for total of 30 shots. RU BJ Services. 1550 psi on well. Broke @ 3874 psi. Pressure dropped below open pressure. No shut ins recorded. Frac A1 sds w/ 35,455#'s of 20/40 sand in 396 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2662 psi w/ ave rate of 25.3 BPM. ISIP 1837 psi. FG @ .77. Leave pressure on well. 1961 BWTR. - RU The Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug @ 4', 3', 4', 2', 2' perf guns. Set plug @ 5800'. Perforate LODC sds @ 5737-41', 5725-28', 5688-92', 5640-42', 5616-18' w/ 3 1/8" slick gun (.36" EH, 11 gram, 120°, 16.82¢ pen., PPG-3111-301) w/ 3 spf for total of 45 shots. RU BJ Services. 1640 psi on well. Broke @ 1770 psi. Pressure dropped below open pressure. No shut ins recorded. Frac LODC sds w/ 60,359#'s of 20/40 sand in 549 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2841 psi w/ ave rate of 47.5 BPM. ISIP 2212 psi. FG @ .82. Leave pressure on well. 1565 BWTR. - RU BJ Services. 100 psi on well. Broke @ 3033 psi. ISIP @ 1397 psi, 1 min @ 1243 psi, 4 min @ 1142 psi. FG @ .66. Frac BLK SH sds w/ 35,390#'s of 20/40 sand in 424 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2585 psi w/ ave rate of 40.9 BPM. ISIP 2090 psi, 5 min @ 1972 psi, 10 min @ 1930 psi, 15 min @ 1872 psi. FG @ .77. Leave pressure on well. 576

BWTR.

Daily Cost: \$0**Cumulative Cost:** \$42,697**9/18/2009 Day: 3****Completion**

Rigless on 9/18/2009 - Frac last stage. Flow back well. Recovered 675 bbls. SWIFN. 2218 BWTR. - RU BJ Services. 1725 psi on well. Broke @ 3666 psi. Pressure dropped below open pressure. No shut ins recorded. Frac GB6 sds w/ 16,887#'s of 20/40 sand in 286 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2253 psi w/ ave rate of 16.3 BPM. ISIP 2085 psi. FG @ .89. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 5 hrs & turned to oil. Recovered 675 bbls. SWIFN. 2218 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$107,964**9/24/2009 Day: 4****Completion**

WWS #1 on 9/24/2009 - Set kill plug. ND Cameron BOP. NU Schaeffer BOP. RIH w/ tbg. Tag CBP. SWIFN. 2218 BWTR. - RU The Perforators wireline. Set kill plug @ 4540'. RD wireline. Bleed off well. ND Cameron BOP & 5m frac head. NU 3m production head & Schaeffer BOP. RIH w/ 4 3/4" chomp bit, bit sub & new 2 7/8" tbg. from pipe racks (tallying & drifting). Tag kill plug @ 4540'. RU powerswivel & pump. Circulate well clean. SWIFN. 2218 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$146,864**9/25/2009 Day: 5****Completion**

WWS #1 on 9/25/2009 - DU CBPs. C/O to PBTD @ 6348'. Flow well. SWIFN. 1993 BWTR. - RIH w/ tbg. Tag kill plug @ 4540'. DU CBP in 22 min. Cont. RIH w/ tbg. Tag fill @ 4578'. C/O to CBP @ 4630'. DU CBP in 13 min. Cont. RIH w/ tbg. Tag CBP @ 5180'. DU CBP in 19 min. Cont. RIH w/ tbg. Tag CBP @ 5550'. DU CBP in 11 min. Cont. RIH w/ tbg. Tag fill @ 5720'. C/O to CBP @ 5800'. DU CBP in 17 min. Cont. RIH w/ tbg. Tag CBP @ 6050'. DU CBP in 8 min. Cont. RIH w/ tbg. Tag fill @ 6255'. C/O to PBTD @ 6348'. Circulate well clean. RD powerswivel. Pull up to 6286'. Flow well up tbg. Recover 200 bbls. SWIFN. 1993 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$181,725**9/28/2009 Day: 6****Completion**

WWS #1 on 9/28/2009 - POOH w/ tbg. RIH w/ tbg. SWIFN. 1900 BWTR. - Tbg. @ 600 psi, csg. @ 450 psi. Bleed off well. Circulate well. POOH w/ 60 jts 2 7/8" tbg. Well began flowing. Kill well w/ 10# brine water. Cont. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" bull plug, 3 jts 2 7/8" tbg., 2 7/8" nipple, PBGA, 1 jt 2 7/8" tbg., PSN, 2 jts 2 7/8" tbg., 5 1/2" TAC, 192 jts 2 7/8" tbg. Well began flowing again. SWIFN. 1900 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$190,590**9/29/2009 Day: 7****Completion**

WWS #1 on 9/29/2009 - ND BOP. PU rods. PWOP @ 5:00 p.m. 168" stroke length, 5.5 spm. Final Report. 1900 BWTR. - - Tbg. @ 100 psi, csg. @ 200 psi. Bleed off well. Kill well w/ 160

bbls 10# brine. ND BOP. Set TAC @ 6046' w/ 18,000# tension. NU wellhead. X-over for rods. RIH w/ Central Hydraulic 2 1/2" x 1 3/4" x 20' x 24' RHAC rod pump, 4- 1 1/2" weight bars, 239- 7/8" guided rods (8 per), 1- 8', 4', 2' x 7/8" pony subs, 1 1/2" x 30' polished rod. Seat pump. RU pumping unit. Hang off rods. Stroke test to 800 psi. Good pump action. RD. Put well on production @ 5:00 p.m. 168" stroke length, 5.5 SPM. Final Report. 1900 BWTR.

Finalized**Daily Cost:** \$0**Cumulative Cost:** \$198,804

Pertinent Files: Go to File List

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU-49092

6. If Indian, Allottee or Tribe Name
NA

7. Unit or CA Agreement Name and No.
FEDERAL

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

9. AFI Well No.
43-013-34068

10. Field and Pool or Exploratory
MONUMENT BUTTE

11. Sec., T., R., M., on Block and
Survey or Area
SEC. 33, T8S, R16E

12. County or Parish
DUCHESNE

13. State
UT

14. Date Spudded
08/11/2009

15. Date T.D. Reached
08/29/2009

16. Date Completed
09/29/2009
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5673' GL 5685' KB

18. Total Depth: MD 6440'
TVD 6320'

19. Plug Back T.D.: MD 6348'
TVD 6230'

20. Depth Bridge Plug Set:
MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit report)
Directional Survey? No Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#		321'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#		6435'		250 PRIMLITE		48'	
						425 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 6246'	TA @ 6049'						

25. Producing Intervals

Formation	Top	Bottom	Perforation Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER			(BLKSH-SD)see below	.49"	3	30
B) GREEN RIVER			(CP2)(CP1)(CP.5)see belo	.36"	3	33
C) GREEN RIVER			(LODC)see below	.36"	3	45
D) GREEN RIVER			(A1) 5468-75,5458-61'	.36"	3	30

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
6228-6252'	Frac BLK SH sds w/ 35,390#'s of 20/40 sand in 424 bbls of Lightning 17 fluid.
5916-5991'	Frac CP.5 sds w/ 25387#'s of 20/40 sand in 393 bbls of Lightning 17 fluid.
5640-5741'	Frac LODC sds w/ 60,359#'s of 20/40 sand in 549 bbls of Lightning 17 fluid.
5458-5475'	Frac A1 sds w/ 35,455#'s of 20/40 sand in 396 bbls of Lightning 17 fluid.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/29/09	10/06/09	24	→	41	9	240			Central Hydraulic 2 1/2" x 1 3/4" x 20' x 24' RHAC rod pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

RECEIVED
NOV 09 2009

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

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.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3960' 4182'
				GARDEN GULCH 2 POINT 3	4296' 4569'
				X MRKR Y MRKR	4829' 4863'
				DOUGALS CREEK MRK BI CARBONATE MRK	4982' 5233'
				B LIMESTON MRK CASTLE PEAK	5354' 5885'
				BASAL CARBONATE	6328'

32. Additional remarks (include plugging procedure):

Perforate stage #1, Perforate BLKSH-SD @ 6250-6252', 6236-42', 6228-30' w/ 3-1/8" Slick Guns (19 gram, .49"EH, 120°) w/ 3 spf for total of 30 shots. Perforate CP2 sds @ 5986-91', CP1 sds @ 5950-54' & CP.5 sds @ 5916-18' w/ 3 1/8" slick gun (.36" EH, 11 gram, 120°, 16.82_z pen., PPG-3111-301) w/ 3 spf for total of 33 shots. Perforate LODC sds @ 5737-41', 5725-28', 5688-92', 5640-42', 5616-18' w/ 3 1/8" slick gun (.36" EH, 11 gram, 120°, 16.82_z pen., PPG-3111-301) w/ 3 spf for total of 45 shots. Perforate D3 sds @ 5112-17, D2 sds @ 5077-79' & 6067-69' & D1 sds @ 5028-30' & 5023-25' w/ 3 1/8" slick gun (.36" EH, 11 gram, 120°, 16.82_z pen., PPG-3111-301) w/ 3 spf for total of 39 shots. Frac D3/D2/D1 sds w/ 80,747#'s of 20/40 sand in 646 bbls of Lightning 17 fluid. Perforate GB6 sds @ 4558-63' w/ 3 1/8" slick gun (.36" EH, 11 gram, 120°, 16.82_z pen., PPG-3111-301) w/ 3 spf for total of 15 shots. Frac GB6 sds w/ 16,887#'s of 20/40 sand in 286 bbls of Lightning 17 fluid.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)
 Geologic Report
 DST Report
 Directional Survey
 Sundry Notice for plugging and cement verification
 Core Analysis
 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Tammi Lee Title Production Clerk
 Signature  Date 10/27/2009

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.

NEWFIELD



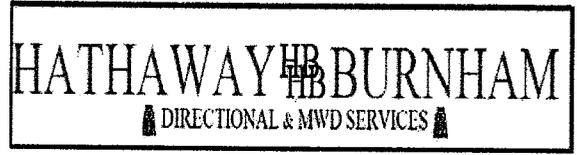
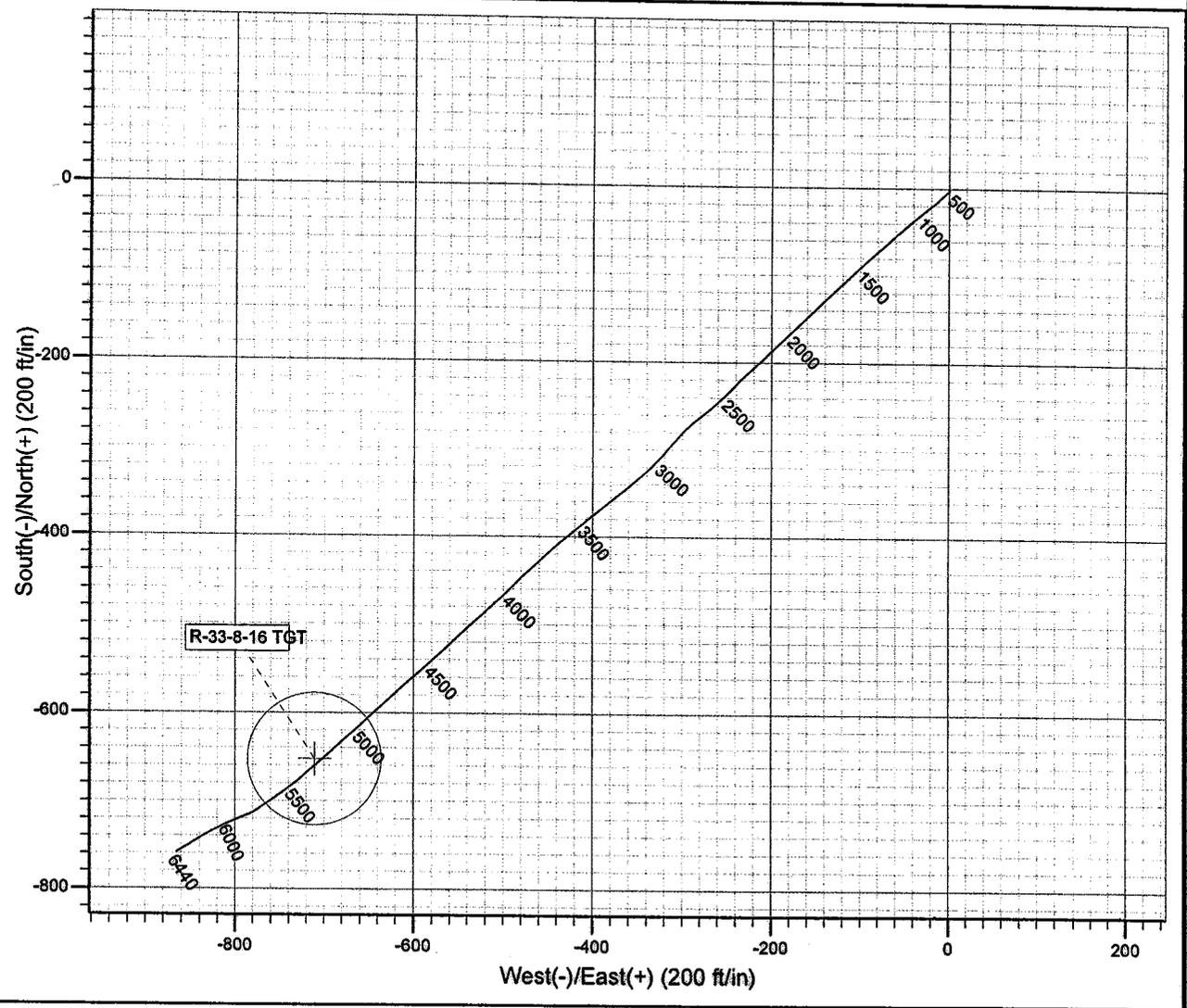
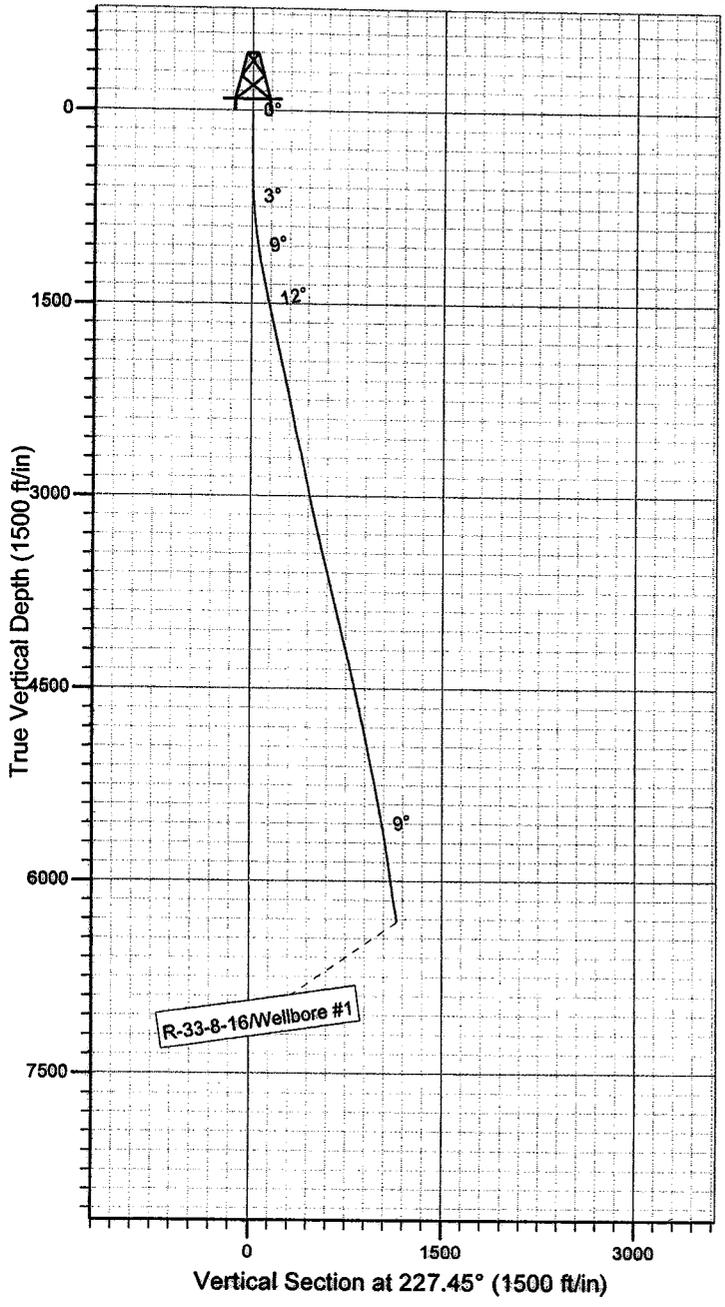
Project: USGS Myton SW (UT)
 Site: SECTION 33
 Well: R-33-8-16
 Wellbore: Wellbore #1
 SURVEY: Wellbore #1

FINAL SURVEY REPORT



Azimuths to True North
 Magnetic North: 11.57°

Magnetic Field
 Strength: 52494.1snT
 Dip Angle: 65.86°
 Date: 2009/07/17
 Model: IGRF200510



Design: Wellbore #1 (R-33-8-16/Wellbore #1)
 Created By: *Jim Hudson* Date: 19:47, August 31 2009
 THIS SURVEY IS CORRECT TO THE BEST OF MY
 KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

NEWFIELD



NEWFIELD EXPLORATION

USGS Myton SW (UT)

SECTION 33

R-33-8-16

Wellbore #1

Design: Wellbore #1

Standard Survey Report

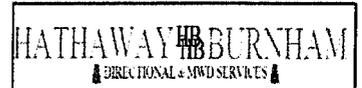
31 August, 2009

HATHAWAY ^{HB} BURNHAM
DIRECTIONAL & MWD SERVICES



HATHAWAY BURNHAM

Survey Report



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

Local Co-ordinate Reference: Well R-33-8-16
 TVD Reference: R-33-8-16 @ 5685.00ft
 MD Reference: R-33-8-16 @ 5685.00ft
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.21 Single User Db

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

Site SECTION 33, SEC 33 T8S, R16E

Site Position:		Northing:	7,196,856.41 ft	Latitude:	40.069153
From:	Lat/Long	Easting:	2,024,279.31 ft	Longitude:	-110.128294
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence:	0.88 °

Well	R-33-8-16, SHL LAT 40 04 19.89, LONG -110 07 18.59					
Well Position	+N/-S	0.00 ft	Northing:	7,197,990.92 ft	Latitude:	40.072192
	+E/-W	0.00 ft	Easting:	2,026,070.86 ft	Longitude:	-110.121831
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	0.00 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	2009/07/17	11.57	65.86	52,494

Design	Wellbore #1				
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	227.45	

Survey Program	Date 2009/08/31				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
388.00	6,440.00	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
388.00	0.48	174.37	388.00	-1.62	0.16	0.98	0.12	0.12	0.00
449.00	0.51	173.55	448.99	-2.14	0.22	1.29	0.05	0.05	-1.34
480.00	0.68	206.27	479.99	-2.44	0.15	1.54	1.20	0.55	105.55
510.00	0.92	225.17	509.99	-2.77	-0.10	1.95	1.18	0.80	63.00
541.00	1.38	232.42	540.98	-3.18	-0.57	2.57	1.55	1.48	23.39
571.00	1.67	232.72	570.97	-3.66	-1.21	3.36	0.97	0.97	1.00
602.00	2.18	234.83	601.95	-4.27	-2.05	4.40	1.66	1.65	6.81
633.00	2.90	228.64	632.92	-5.13	-3.12	5.77	2.48	2.32	-19.97
663.00	3.50	223.98	662.88	-6.29	-4.32	7.44	2.18	2.00	-15.53
694.00	4.11	226.05	693.81	-7.74	-5.78	9.50	2.02	1.97	6.68
725.00	4.68	227.66	724.72	-9.37	-7.52	11.87	1.88	1.84	5.19
755.00	4.94	228.20	754.61	-11.05	-9.38	14.39	0.88	0.87	1.80



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

Local Co-ordinate Reference: Well R-33-8-16
TVD Reference: R-33-8-16 @ 5685.00ft
MD Reference: R-33-8-16 @ 5685.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
785.00	5.12	226.77	784.50	-12.83	-11.32	17.02	0.73	0.60	-4.77
816.00	5.62	228.77	815.36	-14.78	-13.47	19.92	1.72	1.61	6.45
847.00	6.00	231.38	846.20	-16.79	-15.88	23.05	1.49	1.23	8.42
877.00	6.45	231.63	876.02	-18.81	-18.42	26.30	1.50	1.50	0.83
909.00	6.66	232.46	907.81	-21.06	-21.31	29.94	0.72	0.66	2.59
941.00	7.32	231.78	939.58	-23.45	-24.38	33.82	2.08	2.06	-2.12
972.00	7.78	231.05	970.31	-25.99	-27.56	37.88	1.52	1.48	-2.35
1,004.00	8.44	228.15	1,001.99	-28.92	-31.00	42.39	2.43	2.06	-9.06
1,036.00	9.10	229.28	1,033.61	-32.14	-34.66	47.27	2.13	2.06	3.53
1,067.00	9.23	229.01	1,064.22	-35.37	-38.40	52.21	0.44	0.42	-0.87
1,099.00	9.60	229.60	1,095.79	-38.78	-42.37	57.44	1.19	1.16	1.84
1,130.00	9.84	229.06	1,126.34	-42.19	-46.34	62.67	0.83	0.77	-1.74
1,162.00	10.11	228.86	1,157.86	-45.83	-50.52	68.21	0.85	0.84	-0.62
1,194.00	10.00	228.70	1,189.37	-49.51	-54.72	73.79	0.35	-0.34	-0.50
1,226.00	10.66	228.46	1,220.85	-53.31	-59.02	79.53	2.07	2.06	-0.75
1,259.00	10.66	228.42	1,253.28	-57.36	-63.59	85.63	0.02	0.00	-0.12
1,289.00	11.29	228.26	1,282.73	-61.16	-67.86	91.35	2.10	2.10	-0.53
1,321.00	11.21	228.68	1,314.11	-65.30	-72.53	97.59	0.36	-0.25	1.31
1,352.00	11.54	227.58	1,344.50	-69.38	-77.08	103.70	1.27	1.06	-3.55
1,384.00	11.45	227.43	1,375.86	-73.69	-81.78	110.08	0.30	-0.28	-0.47
1,416.00	11.78	226.84	1,407.21	-78.07	-86.51	116.52	1.10	1.03	-1.84
1,447.00	11.92	227.65	1,437.55	-82.39	-91.18	122.89	0.70	0.45	2.61
1,479.00	12.11	227.85	1,468.85	-86.87	-96.11	129.55	0.61	0.59	0.62
1,574.00	13.05	226.02	1,561.56	-101.00	-111.22	150.23	1.07	0.99	-1.93
1,669.00	13.01	225.96	1,654.12	-115.89	-126.62	171.65	0.04	-0.04	-0.06
1,764.00	12.46	226.07	1,746.78	-130.43	-141.69	192.58	0.58	-0.58	0.12
1,859.00	12.48	225.96	1,839.54	-144.68	-156.45	213.09	0.03	0.02	-0.12
1,954.00	12.37	226.00	1,932.32	-158.88	-171.15	233.52	0.12	-0.12	0.04
2,050.00	12.06	226.55	2,026.14	-172.92	-185.83	253.83	0.34	-0.32	0.57
2,145.00	11.16	225.12	2,119.20	-186.23	-199.55	272.94	0.99	-0.95	-1.51
2,240.00	11.58	225.34	2,212.33	-199.42	-212.84	291.65	0.44	0.44	0.23
2,334.00	12.22	228.84	2,304.31	-212.60	-227.04	311.03	1.03	0.68	3.72
2,429.00	12.41	222.55	2,397.13	-226.74	-241.52	331.25	1.43	0.20	-6.62
2,525.00	13.34	225.74	2,490.72	-242.07	-256.42	352.60	1.22	0.97	3.32
2,620.00	12.68	232.15	2,583.28	-256.12	-272.51	373.95	1.67	-0.69	6.75
2,714.00	13.03	229.08	2,674.93	-269.39	-288.66	394.82	0.82	0.37	-3.27
2,810.00	11.56	220.24	2,768.73	-283.82	-303.05	415.19	2.48	-1.53	-9.21
2,905.00	11.51	219.80	2,861.81	-298.37	-315.27	434.02	0.11	-0.05	-0.46
3,000.00	12.59	222.13	2,954.72	-313.33	-328.28	453.73	1.25	1.14	2.45
3,095.00	12.83	228.07	3,047.40	-328.06	-343.08	474.58	1.40	0.25	6.25
3,190.00	11.67	228.55	3,140.23	-341.47	-358.13	494.74	1.23	-1.22	0.51
3,285.00	12.66	232.26	3,233.10	-354.20	-373.56	514.72	1.33	1.04	3.91
3,380.00	12.29	229.50	3,325.86	-367.14	-389.48	535.20	0.74	-0.39	-2.91
3,475.00	13.67	230.77	3,418.43	-380.80	-405.87	556.51	1.48	1.45	1.34
3,570.00	13.43	229.82	3,510.78	-395.02	-422.99	578.74	0.34	-0.25	-1.00
3,665.00	13.67	229.10	3,603.14	-409.49	-439.90	600.98	0.31	0.25	-0.76
3,761.00	13.47	226.46	3,696.46	-424.62	-456.58	623.50	0.68	-0.21	-2.75
3,856.00	14.08	227.01	3,788.73	-440.12	-473.06	646.12	0.66	0.64	0.58
3,951.00	13.05	224.00	3,881.08	-455.72	-488.96	668.38	1.31	-1.08	-3.17
4,046.00	13.45	226.44	3,973.55	-471.04	-504.42	690.13	0.72	0.42	2.57
4,141.00	13.84	227.87	4,065.87	-486.28	-520.85	712.54	0.54	0.41	1.51
4,236.00	14.24	227.82	4,158.03	-501.75	-537.94	735.59	0.42	0.42	-0.05
4,331.00	13.95	226.90	4,250.17	-517.42	-554.96	758.72	0.39	-0.31	-0.97
4,426.00	13.07	227.17	4,342.54	-532.55	-571.19	780.92	0.93	-0.93	0.28



HATHAWAY BURNHAM

Survey Report



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

Local Co-ordinate Reference: Well R-33-8-16
 TVD Reference: R-33-8-16 @ 5685.00ft
 MD Reference: R-33-8-16 @ 5685.00ft
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,521.00	12.79	227.17	4,435.13	-547.00	-586.78	802.17	0.29	-0.29	0.00
4,616.00	12.70	228.66	4,527.79	-561.04	-602.34	823.13	0.36	-0.09	1.57
4,711.00	12.37	228.44	4,620.52	-574.69	-617.79	843.74	0.35	-0.35	-0.23
4,807.00	12.88	226.00	4,714.20	-588.95	-633.18	864.72	0.77	0.53	-2.54
4,902.00	12.70	226.73	4,806.85	-603.46	-648.40	885.75	0.25	-0.19	0.77
4,997.00	11.82	227.39	4,899.68	-617.20	-663.17	905.92	0.94	-0.93	0.69
5,092.00	12.00	226.22	4,992.63	-630.62	-677.46	925.52	0.32	0.19	-1.23
5,187.00	12.08	229.52	5,085.55	-643.91	-692.15	945.33	0.73	0.08	3.47
5,282.00	11.05	229.03	5,178.62	-656.33	-706.59	964.37	1.09	-1.08	-0.52
5,303.15	11.00	228.76	5,199.37	-658.99	-709.63	968.41	0.34	-0.23	-1.27
R-33-8-16 TGT									
5,377.00	10.83	227.80	5,271.89	-668.30	-720.07	982.39	0.34	-0.23	-1.30
5,472.00	10.68	231.34	5,365.22	-679.79	-733.56	1,000.10	0.71	-0.16	3.73
5,567.00	10.11	234.00	5,458.66	-690.19	-747.18	1,017.17	0.78	-0.60	2.80
5,662.00	8.81	235.89	5,552.37	-699.17	-759.95	1,032.65	1.41	-1.37	1.99
5,758.00	8.55	231.96	5,647.27	-707.69	-771.65	1,047.03	0.67	-0.27	-4.09
5,853.00	9.49	246.91	5,741.11	-715.12	-784.42	1,061.46	2.65	0.99	15.74
5,948.00	9.05	246.37	5,834.87	-721.18	-798.47	1,075.91	0.47	-0.46	-0.57
6,043.00	9.10	244.15	5,928.68	-727.45	-812.08	1,090.18	0.37	0.05	-2.34
6,138.00	8.72	242.57	6,022.53	-734.05	-825.23	1,104.32	0.48	-0.40	-1.66
6,233.00	9.36	237.58	6,116.35	-741.51	-838.14	1,118.88	1.06	0.67	-5.25
6,328.00	9.38	236.94	6,210.08	-749.87	-851.15	1,134.12	0.11	0.02	-0.67
6,382.00	8.88	236.81	6,263.40	-754.55	-858.33	1,142.57	0.93	-0.93	-0.24
6,440.00	8.40	236.67	6,320.74	-759.33	-865.61	1,151.17	0.83	-0.83	-0.24

Wellbore 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									
R-33-8-16 TGT	0.00	0.00	5,200.00	-652.61	-710.95	7,197,327.51	2,025,370.12	40.070400	-110.124371
- actual wellpath misses by 6.55ft at 5303.15ft MD (5199.37 TVD, -658.99 N, -709.63 E)									
- Circle (radius 75.00)									

Checked By: _____ Approved By: _____ Date: _____

```

H      HEADER          INFORMATION -----
H      COMPANY        :          NEWFIELD  EXPLORATION
H      FIELD          :          USGS      Myton   SW      (UT)
H      SITE           :          SECTION      33
H      WELL           :          R-33-8-16
H      WELLPATH:     Wellbore   #1
H      DEPTHUNT:     ft
H      SURVDATE:      8/31/2009
H      DECLINATION    CORR.
H      =              10.69 TO          GRIDH-----
H      WELL           INFORMATION
H      WELL           EW          MAP      :          2026071
H      WELL           NS          MAP      :          7197991
H      DATUM          ELEVN      :          5685
H      VSECT          ANGLE      :          227.45
H      VSECT          NORTH      :          0
H      VSECT          EAST       :          0
H-----
H      SURVEY         TYPE        INFORMATION
H              388 -          6440 SURVEY #1      :          MWD
H-----
H      SURVEY         LIST
MD      INC          AZI          TVD          NS          EW          VS          DLS
      0              0              0              0          0          0          0          0
      388            0.48          174.37          388          -1.62          0.16          0.98          0.12
      449            0.51          173.55          448.99          -2.14          0.22          1.29          0.05
      480            0.68          206.27          479.99          -2.44          0.15          1.54          1.2
      510            0.92          225.17          509.99          -2.77          -0.1          1.95          1.18
      541            1.38          232.42          540.98          -3.18          -0.57          2.57          1.55
      571            1.67          232.72          570.97          -3.66          -1.21          3.36          0.97
      602            2.18          234.83          601.95          -4.27          -2.05          4.4          1.66
      633            2.9          228.64          632.92          -5.13          -3.12          5.77          2.48
      663            3.5          223.98          662.88          -6.29          -4.32          7.44          2.18
      694            4.11          226.05          693.81          -7.74          -5.78          9.5          2.02
      725            4.68          227.66          724.72          -9.37          -7.52          11.87          1.88
      755            4.94          228.2          754.61          -11.05          -9.38          14.39          0.88
      785            5.12          226.77          784.5          -12.83          -11.32          17.02          0.73
      816            5.62          228.77          815.36          -14.78          -13.47          19.92          1.72
      847            6          231.38          846.2          -16.79          -15.88          23.05          1.49
      877            6.45          231.63          876.02          -18.81          -18.42          26.3          1.5
      909            6.66          232.46          907.81          -21.06          -21.31          29.94          0.72
      941            7.32          231.78          939.58          -23.45          -24.38          33.82          2.08
      972            7.78          231.05          970.31          -25.99          -27.56          37.88          1.52
      1004           8.44          228.15          1001.99          -28.92          -31          42.39          2.43
      1036           9.1          229.28          1033.61          -32.14          -34.66          47.27          2.13
      1067           9.23          229.01          1064.22          -35.37          -38.4          52.21          0.44
      1099           9.6          229.6          1095.79          -38.78          -42.37          57.44          1.19

```

1130	9.84	229.06	1126.34	-42.19	-46.34	62.67	0.83
1162	10.11	228.86	1157.86	-45.83	-50.52	68.21	0.85
1194	10	228.7	1189.37	-49.51	-54.72	73.79	0.35
1226	10.66	228.46	1220.85	-53.31	-59.02	79.53	2.07
1259	10.66	228.42	1253.28	-57.36	-63.59	85.63	0.02
1289	11.29	228.26	1282.73	-61.16	-67.86	91.35	2.1
1321	11.21	228.68	1314.11	-65.3	-72.53	97.59	0.36
1352	11.54	227.58	1344.5	-69.38	-77.08	103.7	1.27
1384	11.45	227.43	1375.86	-73.69	-81.78	110.08	0.3
1416	11.78	226.84	1407.21	-78.07	-86.51	116.52	1.1
1447	11.92	227.65	1437.55	-82.39	-91.18	122.89	0.7
1479	12.11	227.85	1468.85	-86.87	-96.11	129.55	0.61
1574	13.05	226.02	1561.56	-101	-111.22	150.23	1.07
1669	13.01	225.96	1654.12	-115.89	-126.62	171.65	0.04
1764	12.46	226.07	1746.78	-130.43	-141.69	192.58	0.58
1859	12.48	225.96	1839.54	-144.68	-156.45	213.09	0.03
1954	12.37	226	1932.32	-158.88	-171.15	233.52	0.12
2050	12.06	226.55	2026.14	-172.92	-185.83	253.83	0.34
2145	11.16	225.12	2119.2	-186.23	-199.55	272.94	0.99
2240	11.58	225.34	2212.33	-199.42	-212.84	291.65	0.44
2334	12.22	228.84	2304.31	-212.6	-227.04	311.03	1.03
2429	12.41	222.55	2397.13	-226.74	-241.52	331.25	1.43
2525	13.34	225.74	2490.72	-242.07	-256.42	352.6	1.22
2620	12.68	232.15	2583.28	-256.12	-272.51	373.95	1.67
2714	13.03	229.08	2674.93	-269.39	-288.66	394.82	0.82
2810	11.56	220.24	2768.73	-283.82	-303.05	415.19	2.48
2905	11.51	219.8	2861.81	-298.37	-315.27	434.02	0.11
3000	12.59	222.13	2954.72	-313.33	-328.28	453.73	1.25
3095	12.83	228.07	3047.4	-328.06	-343.08	474.58	1.4
3190	11.67	228.55	3140.23	-341.47	-358.13	494.74	1.23
3285	12.66	232.26	3233.1	-354.2	-373.56	514.72	1.33
3380	12.29	229.5	3325.86	-367.14	-389.48	535.2	0.74
3475	13.67	230.77	3418.43	-380.8	-405.87	556.51	1.48
3570	13.43	229.82	3510.78	-395.02	-422.99	578.74	0.34
3665	13.67	229.1	3603.14	-409.49	-439.9	600.98	0.31
3761	13.47	226.46	3696.46	-424.62	-456.58	623.5	0.68
3856	14.08	227.01	3788.73	-440.12	-473.06	646.12	0.66
3951	13.05	224	3881.08	-455.72	-488.96	668.38	1.31
4046	13.45	226.44	3973.55	-471.04	-504.42	690.13	0.72
4141	13.84	227.87	4065.87	-486.28	-520.85	712.54	0.54
4236	14.24	227.82	4158.03	-501.75	-537.94	735.59	0.42
4331	13.95	226.9	4250.17	-517.42	-554.96	758.72	0.39
4426	13.07	227.17	4342.54	-532.55	-571.19	780.92	0.93
4521	12.79	227.17	4435.13	-547	-586.78	802.17	0.29
4616	12.7	228.66	4527.79	-561.04	-602.34	823.13	0.36
4711	12.37	228.44	4620.52	-574.69	-617.79	843.74	0.35
4807	12.88	226	4714.2	-588.95	-633.18	864.72	0.77

4902	12.7	226.73	4806.85	-603.46	-648.4	885.75	0.25
4997	11.82	227.39	4899.68	-617.2	-663.17	905.92	0.94
5092	12	226.22	4992.63	-630.62	-677.46	925.52	0.32
5187	12.08	229.52	5085.55	-643.91	-692.15	945.33	0.73
5282	11.05	229.03	5178.62	-656.33	-706.59	964.37	1.09
5377	10.83	227.8	5271.89	-668.3	-720.07	982.39	0.34
5472	10.68	231.34	5365.22	-679.79	-733.56	1000.1	0.71
5567	10.11	234	5458.66	-690.19	-747.18	1017.17	0.78
5662	8.81	235.89	5552.37	-699.17	-759.95	1032.65	1.41
5758	8.55	231.96	5647.27	-707.69	-771.65	1047.03	0.67
5853	9.49	246.91	5741.11	-715.12	-784.42	1061.46	2.65
5948	9.05	246.37	5834.87	-721.18	-798.47	1075.91	0.47
6043	9.1	244.15	5928.68	-727.45	-812.08	1090.18	0.37
6138	8.72	242.57	6022.53	-734.05	-825.23	1104.32	0.48
6233	9.36	237.58	6116.35	-741.51	-838.14	1118.88	1.06
6328	9.38	236.94	6210.08	-749.87	-851.15	1134.12	0.11
6382	8.88	236.81	6263.4	-754.55	-858.33	1142.57	0.93
6440	8.4	236.67	6320.74	-759.33	-865.61	1151.17	0.83