

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
West Point Federal S-33-8-16

Dear Diana:

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

Sincerely,

A handwritten signature in cursive script that reads "Mandie Crozier". The signature is written in black ink and is positioned above the printed name.

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
SEP 02 2008
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-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 S-33-8-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-34067
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SE 1836' FSL 1899' FEL At proposed prod. zone 1265' FSL 1265' 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. 1265' f/lse, 1375' 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. 1271'	19. Proposed Depth 6455'	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	Date 09-09-08
Title Off ENVIRONMENTAL MANAGER		

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

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

*(Instructions on reverse)

Sure
574951X
4435930Y
40.072198
-110.121042

Federal Approval of this Action is Necessary

BHL
575147X
4435757Y
40.070620
-110.118763

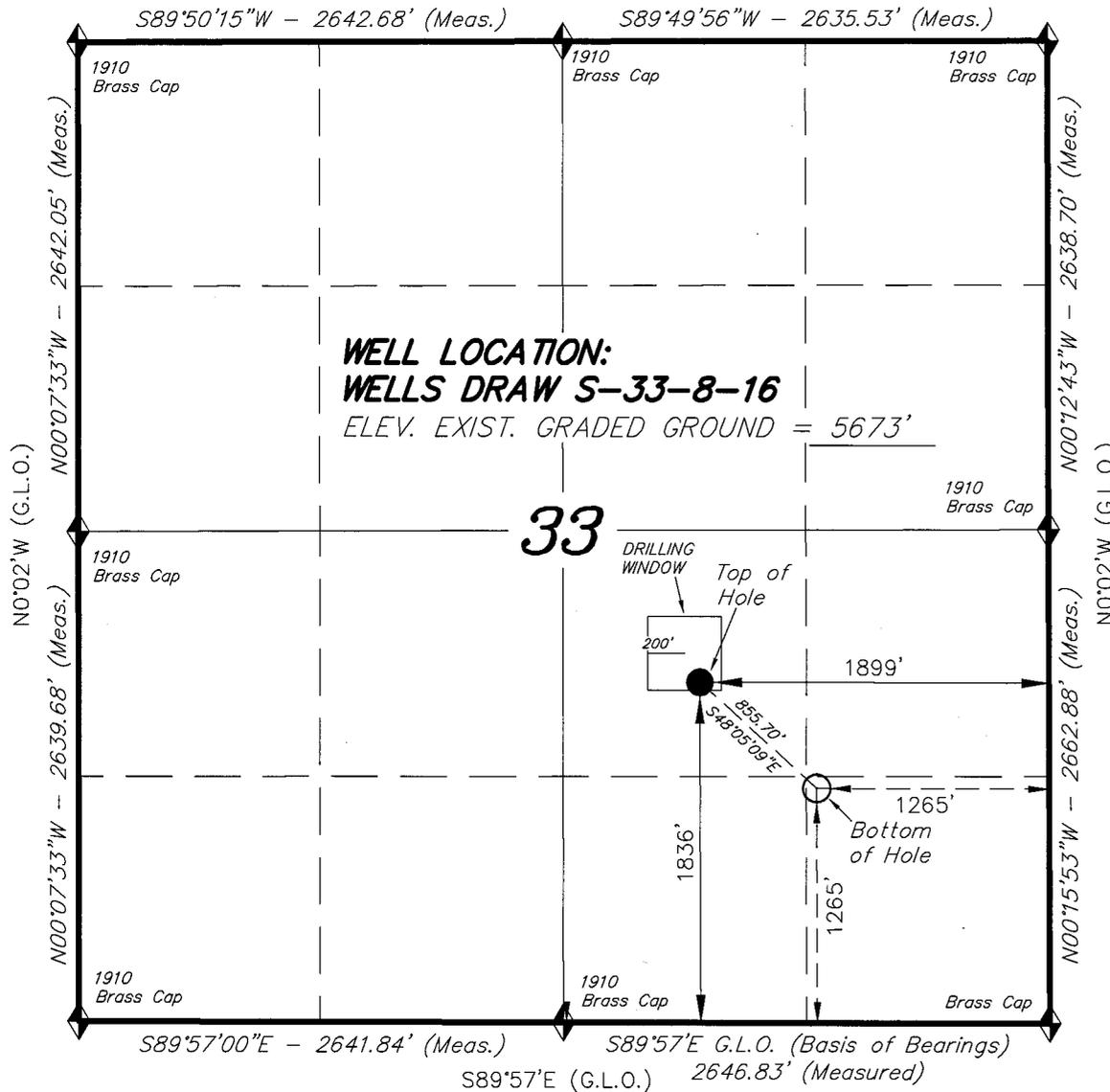
RECEIVED
SEP 02 2008
DIV. OF OIL, GAS & MINING

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

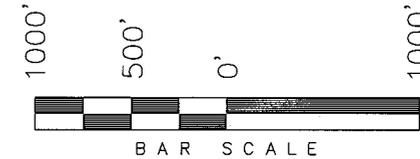
S89°58'W - 79.96 (G.L.O.)

NEWFIELD PRODUCTION COMPANY

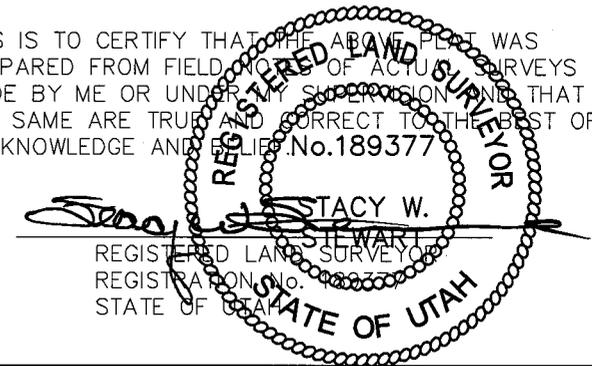
WELL LOCATION, WELLS DRAW S-33-8-16,
LOCATED AS SHOWN IN THE NW 1/4 SE
1/4 OF SECTION 33, T8S, R16E, S.L.B.&M.
DUCHESNE COUNTY, UTAH.



WELL LOCATION:
WELLS DRAW S-33-8-16
ELEV. EXIST. GRADED GROUND = 5673'



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



◆ = SECTION CORNERS LOCATED

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

WELLS DRAW S-33-8-16
(Surface Location) NAD 83
LATITUDE = 40° 04' 20.02"
LONGITUDE = 110° 07' 18.37"

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 02-15-08	SURVEYED BY: T.H.
DATE DRAWN: 03-03-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

**NEWFIELD PRODUCTION COMPANY
WELLS DRAW FEDERAL S-33-8-16
AT SURFACE: NW/SE 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' – 1695'
Green River	1695'
Wasatch	6455'

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

Green River Formation 1695' – 6455' - 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 S-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 S-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 its junction with an existing dirt road to the southwest; proceed southwesterly - 4.2 miles \pm to its junction with an existing road to the southeast; proceed southeasterly - 0.4 miles \pm to its junction with an existing road to the northwest; proceed northwesterly - 0.3 miles \pm to its junction with the beginning of the access road to the existing Federal 33-33B-8-16 well location.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing 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 S-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 S-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 S-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

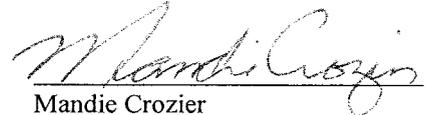
Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #S-33-8-16 NW/SE Section 33, Township 8S, Range 16E: Lease UTU-49092 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond 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 S-33-8-16
Wellbore: OH
Design: Plan #1

Newfield Exploration Co.

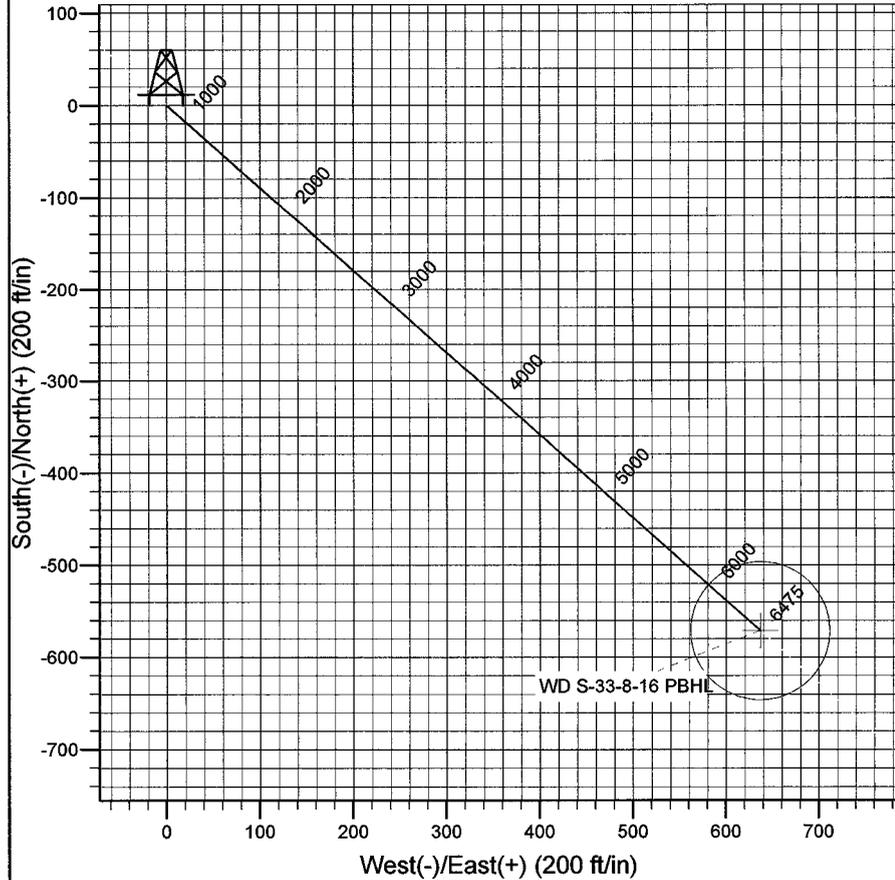
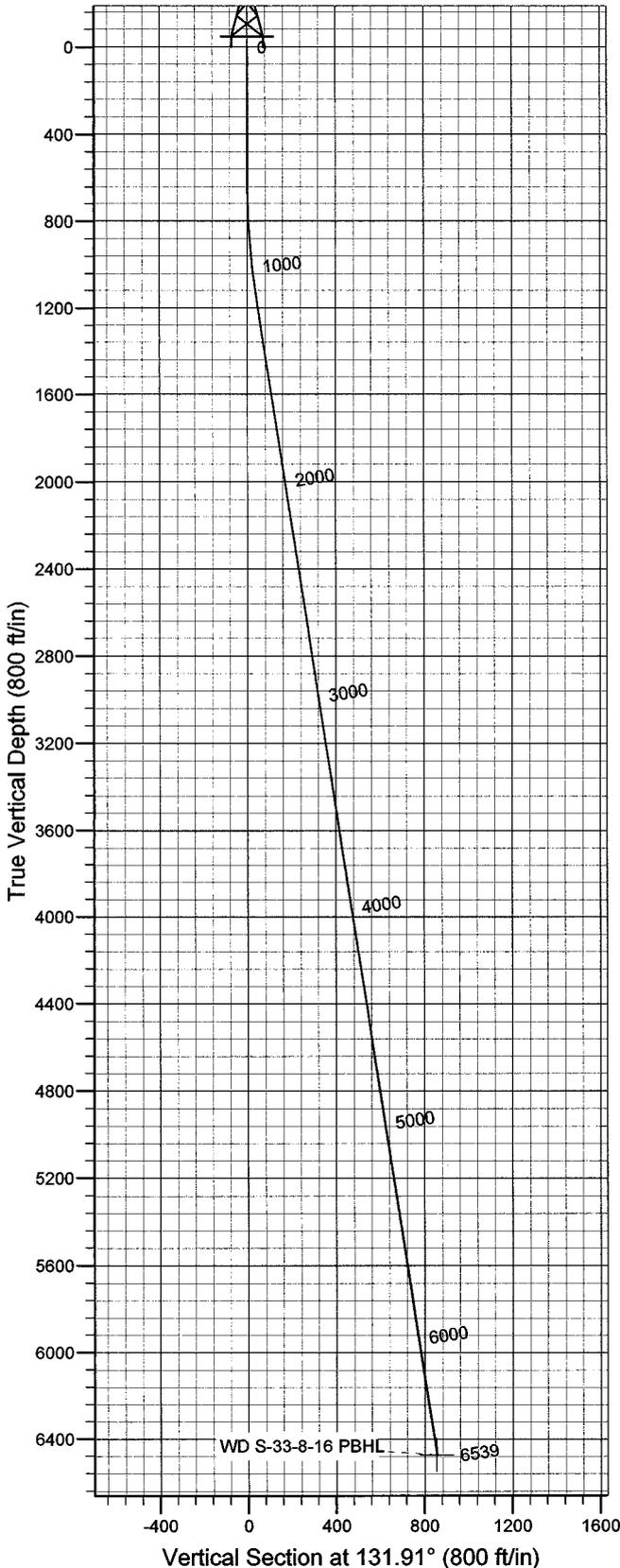


Azimuths to True North
Magnetic North: 11.71°

Magnetic Field
Strength: 52598.1snT
Dip Angle: 65.89°
Date: 2008-06-10
Model: IGRF2005-10

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

GL 5673' & RKB 12' @ 5685.00ft 5673.00
+N/-S +E/-W Northing Easting Latitude Longitude
0.00 0.00 7198018.75 2026091.81 40° 4' 20.020 N 110° 7' 18.370 W



Plan: Plan #1 (Wells Draw S-33-8-16/OH)
Created By: Julie Cruse Date: 2008-06-10
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	
1180.82	8.71	131.91	1178.58	-29.44	32.80	1.50	131.91	44.07	
6539.06	8.71	131.91	6475.00	-571.58	636.81	0.00	0.00	855.70	WD S-33-8-16 PBHL

Newfield Exploration Co.

Duchesne County, UT NAD83 UTC

Wells Draw

Wells Draw S-33-8-16

OH

Plan: Plan #1

Standard Planning Report

10 June, 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 S-33-8-16
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Wells Draw S-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 S-33-8-16, 1836' FSL 1899' FEL Sec 33 T8S R16E					
Well Position	+N/-S	0.00 ft	Northing:	7,198,018.75 ft	Latitude:	40° 4' 20.020 N
	+E/-W	0.00 ft	Easting:	2,026,091.81 ft	Longitude:	110° 7' 18.370 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 (nT)
	IGRF2005-10	2008-06-10	11.71	65.89	52,598

Design	Plan #1				
Audit Notes:					
Version:	Phase:	PLAN	Tie On Depth:	0.00	
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	131.91	

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,180.82	8.71	131.91	1,178.58	-29.44	32.80	1.50	1.50	0.00	131.91	
6,539.06	8.71	131.91	6,475.00	-571.58	636.81	0.00	0.00	0.00	0.00	WD S-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 S-33-8-16
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Wells Draw S-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	131.91	699.99	-0.87	0.97	1.31	1.50	1.50	0.00
800.00	3.00	131.91	799.91	-3.50	3.90	5.23	1.50	1.50	0.00
900.00	4.50	131.91	899.69	-7.87	8.76	11.77	1.50	1.50	0.00
1,000.00	6.00	131.91	999.27	-13.98	15.57	20.92	1.50	1.50	0.00
1,100.00	7.50	131.91	1,098.57	-21.83	24.32	32.68	1.50	1.50	0.00
1,180.82	8.71	131.91	1,178.58	-29.44	32.80	44.07	1.50	1.50	0.00
1,200.00	8.71	131.91	1,197.54	-31.38	34.96	46.98	0.00	0.00	0.00
1,300.00	8.71	131.91	1,296.39	-41.50	46.23	62.13	0.00	0.00	0.00
1,400.00	8.71	131.91	1,395.24	-51.62	57.51	77.27	0.00	0.00	0.00
1,500.00	8.71	131.91	1,494.08	-61.73	68.78	92.42	0.00	0.00	0.00
1,600.00	8.71	131.91	1,592.93	-71.85	80.05	107.57	0.00	0.00	0.00
1,700.00	8.71	131.91	1,691.77	-81.97	91.32	122.72	0.00	0.00	0.00
1,800.00	8.71	131.91	1,790.62	-92.09	102.60	137.86	0.00	0.00	0.00
1,900.00	8.71	131.91	1,889.47	-102.21	113.87	153.01	0.00	0.00	0.00
2,000.00	8.71	131.91	1,988.31	-112.32	125.14	168.16	0.00	0.00	0.00
2,100.00	8.71	131.91	2,087.16	-122.44	136.41	183.30	0.00	0.00	0.00
2,200.00	8.71	131.91	2,186.00	-132.56	147.69	198.45	0.00	0.00	0.00
2,300.00	8.71	131.91	2,284.85	-142.68	158.96	213.60	0.00	0.00	0.00
2,400.00	8.71	131.91	2,383.70	-152.79	170.23	228.75	0.00	0.00	0.00
2,500.00	8.71	131.91	2,482.54	-162.91	181.50	243.89	0.00	0.00	0.00
2,600.00	8.71	131.91	2,581.39	-173.03	192.78	259.04	0.00	0.00	0.00
2,700.00	8.71	131.91	2,680.24	-183.15	204.05	274.19	0.00	0.00	0.00
2,800.00	8.71	131.91	2,779.08	-193.27	215.32	289.34	0.00	0.00	0.00
2,900.00	8.71	131.91	2,877.93	-203.38	226.59	304.48	0.00	0.00	0.00
3,000.00	8.71	131.91	2,976.77	-213.50	237.87	319.63	0.00	0.00	0.00
3,100.00	8.71	131.91	3,075.62	-223.62	249.14	334.78	0.00	0.00	0.00
3,200.00	8.71	131.91	3,174.47	-233.74	260.41	349.92	0.00	0.00	0.00
3,300.00	8.71	131.91	3,273.31	-243.85	271.68	365.07	0.00	0.00	0.00
3,400.00	8.71	131.91	3,372.16	-253.97	282.96	380.22	0.00	0.00	0.00
3,500.00	8.71	131.91	3,471.00	-264.09	294.23	395.37	0.00	0.00	0.00
3,600.00	8.71	131.91	3,569.85	-274.21	305.50	410.51	0.00	0.00	0.00
3,700.00	8.71	131.91	3,668.70	-284.33	316.77	425.66	0.00	0.00	0.00
3,800.00	8.71	131.91	3,767.54	-294.44	328.05	440.81	0.00	0.00	0.00
3,900.00	8.71	131.91	3,866.39	-304.56	339.32	455.95	0.00	0.00	0.00
4,000.00	8.71	131.91	3,965.24	-314.68	350.59	471.10	0.00	0.00	0.00
4,100.00	8.71	131.91	4,064.08	-324.80	361.86	486.25	0.00	0.00	0.00
4,200.00	8.71	131.91	4,162.93	-334.91	373.14	501.40	0.00	0.00	0.00
4,300.00	8.71	131.91	4,261.77	-345.03	384.41	516.54	0.00	0.00	0.00
4,400.00	8.71	131.91	4,360.62	-355.15	395.68	531.69	0.00	0.00	0.00
4,500.00	8.71	131.91	4,459.47	-365.27	406.95	546.84	0.00	0.00	0.00
4,600.00	8.71	131.91	4,558.31	-375.39	418.23	561.99	0.00	0.00	0.00
4,700.00	8.71	131.91	4,657.16	-385.50	429.50	577.13	0.00	0.00	0.00
4,800.00	8.71	131.91	4,756.00	-395.62	440.77	592.28	0.00	0.00	0.00
4,900.00	8.71	131.91	4,854.85	-405.74	452.04	607.43	0.00	0.00	0.00
5,000.00	8.71	131.91	4,953.70	-415.86	463.32	622.57	0.00	0.00	0.00
5,100.00	8.71	131.91	5,052.54	-425.97	474.59	637.72	0.00	0.00	0.00
5,200.00	8.71	131.91	5,151.39	-436.09	485.86	652.87	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 S-33-8-16
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Wells Draw S-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	8.71	131.91	5,250.24	-446.21	497.13	668.02	0.00	0.00	0.00
5,400.00	8.71	131.91	5,349.08	-456.33	508.41	683.16	0.00	0.00	0.00
5,500.00	8.71	131.91	5,447.93	-466.45	519.68	698.31	0.00	0.00	0.00
5,600.00	8.71	131.91	5,546.77	-476.56	530.95	713.46	0.00	0.00	0.00
5,700.00	8.71	131.91	5,645.62	-486.68	542.22	728.61	0.00	0.00	0.00
5,800.00	8.71	131.91	5,744.47	-496.80	553.50	743.75	0.00	0.00	0.00
5,900.00	8.71	131.91	5,843.31	-506.92	564.77	758.90	0.00	0.00	0.00
6,000.00	8.71	131.91	5,942.16	-517.03	576.04	774.05	0.00	0.00	0.00
6,100.00	8.71	131.91	6,041.00	-527.15	587.31	789.19	0.00	0.00	0.00
6,200.00	8.71	131.91	6,139.85	-537.27	598.59	804.34	0.00	0.00	0.00
6,300.00	8.71	131.91	6,238.70	-547.39	609.86	819.49	0.00	0.00	0.00
6,400.00	8.71	131.91	6,337.54	-557.51	621.13	834.64	0.00	0.00	0.00
6,500.00	8.71	131.91	6,436.39	-567.62	632.40	849.78	0.00	0.00	0.00
6,539.06	8.71	131.91	6,475.00	-571.58	636.81	855.70	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 S-33-8-16 PBHL - plan hits target center - Circle (radius 75.00)	0.00	0.00	6,475.00	-571.58	636.81	7,197,457.05	2,026,737.35	40° 4' 14.371 N	110° 7' 10.178 W

NEWFIELD PRODUCTION COMPANY

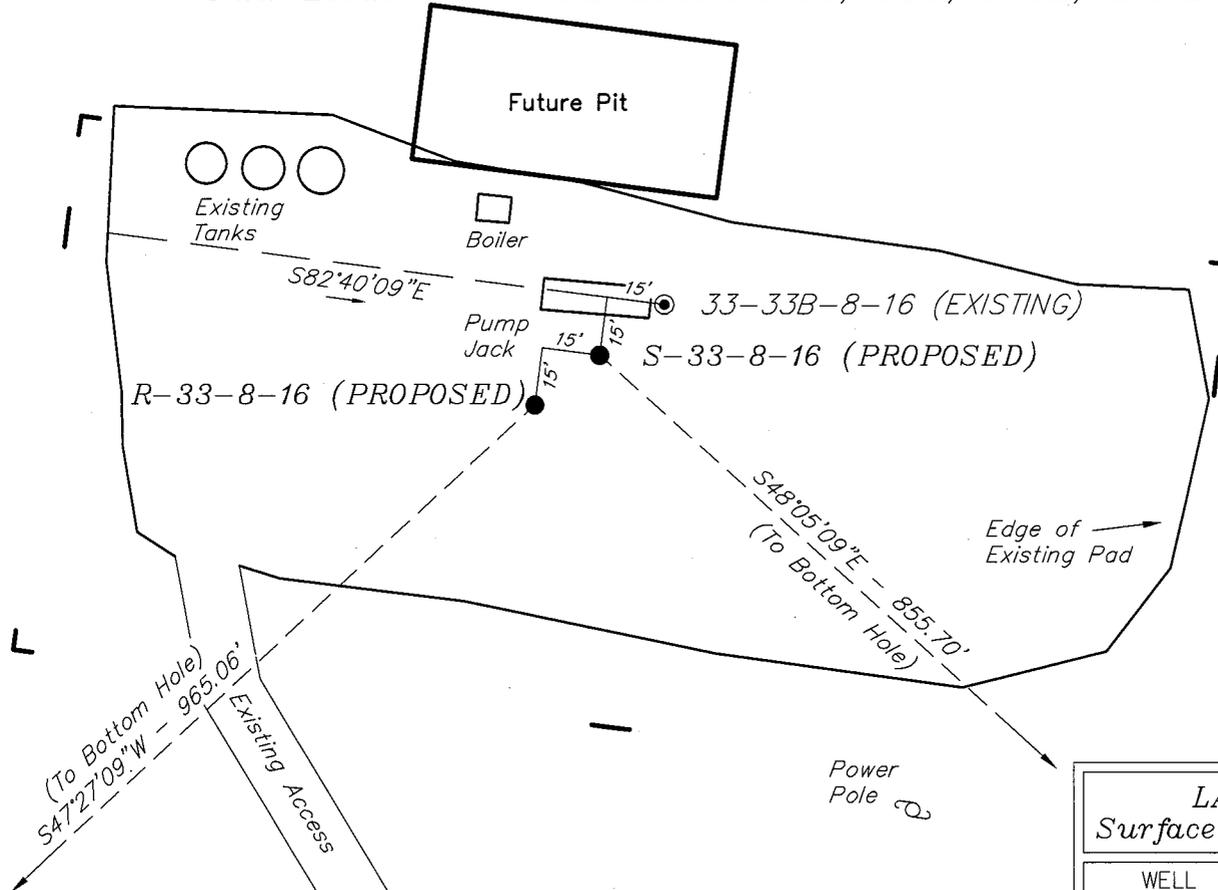
WELL PAD INTERFERENCE PLAT

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"

Note:
Bearings are based on GLO Information.

RELATIVE COORDINATES From top hole to bottom hole		
WELL	NORTH	EAST
R-33-8-16	-558'	-711'
S-33-8-16	-667'	637'

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

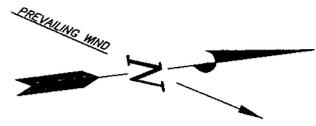
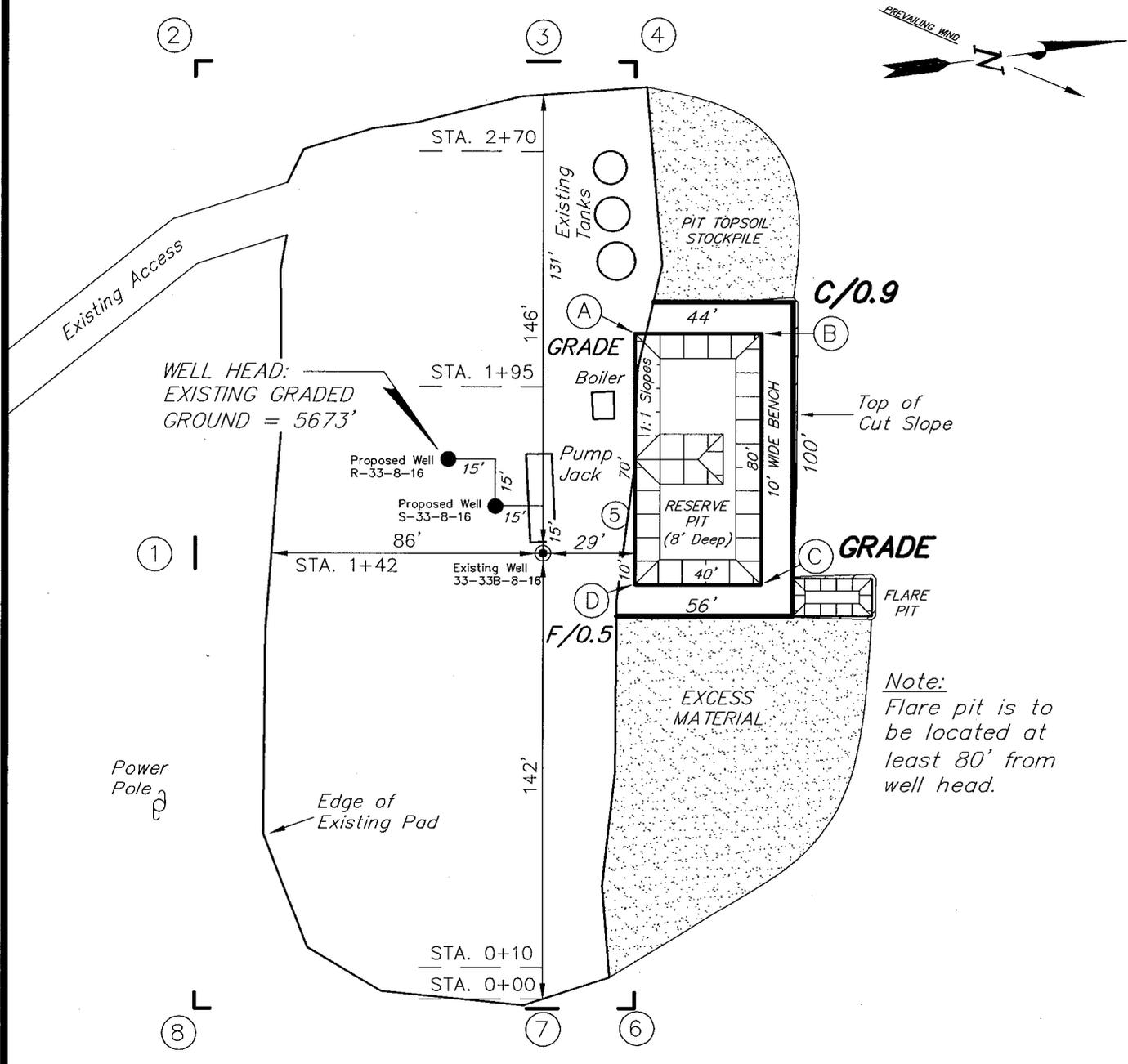
NEWFIELD PRODUCTION COMPANY

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.

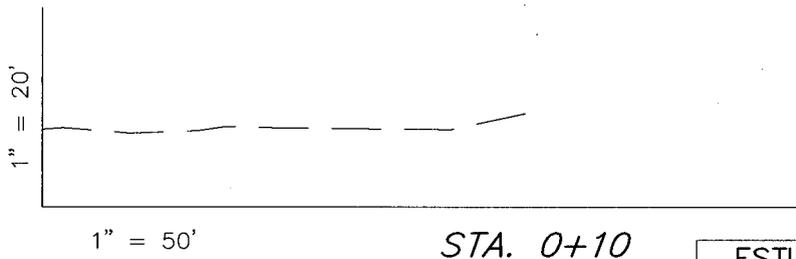
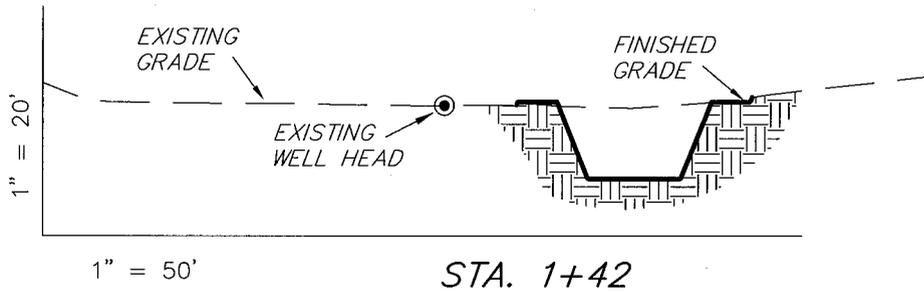
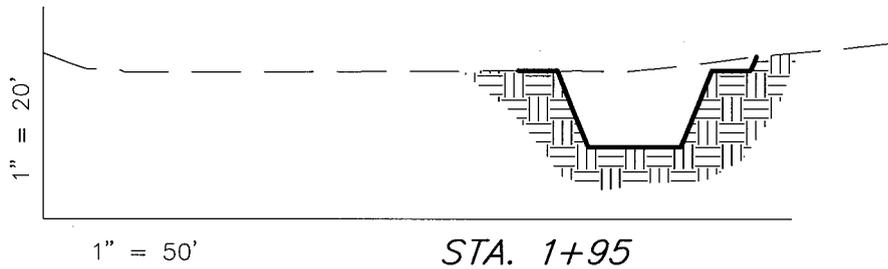
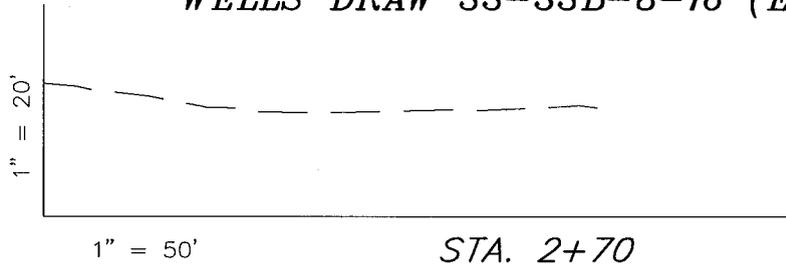
SURVEYED BY: T.H.	DATE SURVEYED: 02-15-08
DRAWN BY: F.T.M.	DATE DRAWN: 03-03-08
SCALE: 1" = 50'	REVISED:

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

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)



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

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

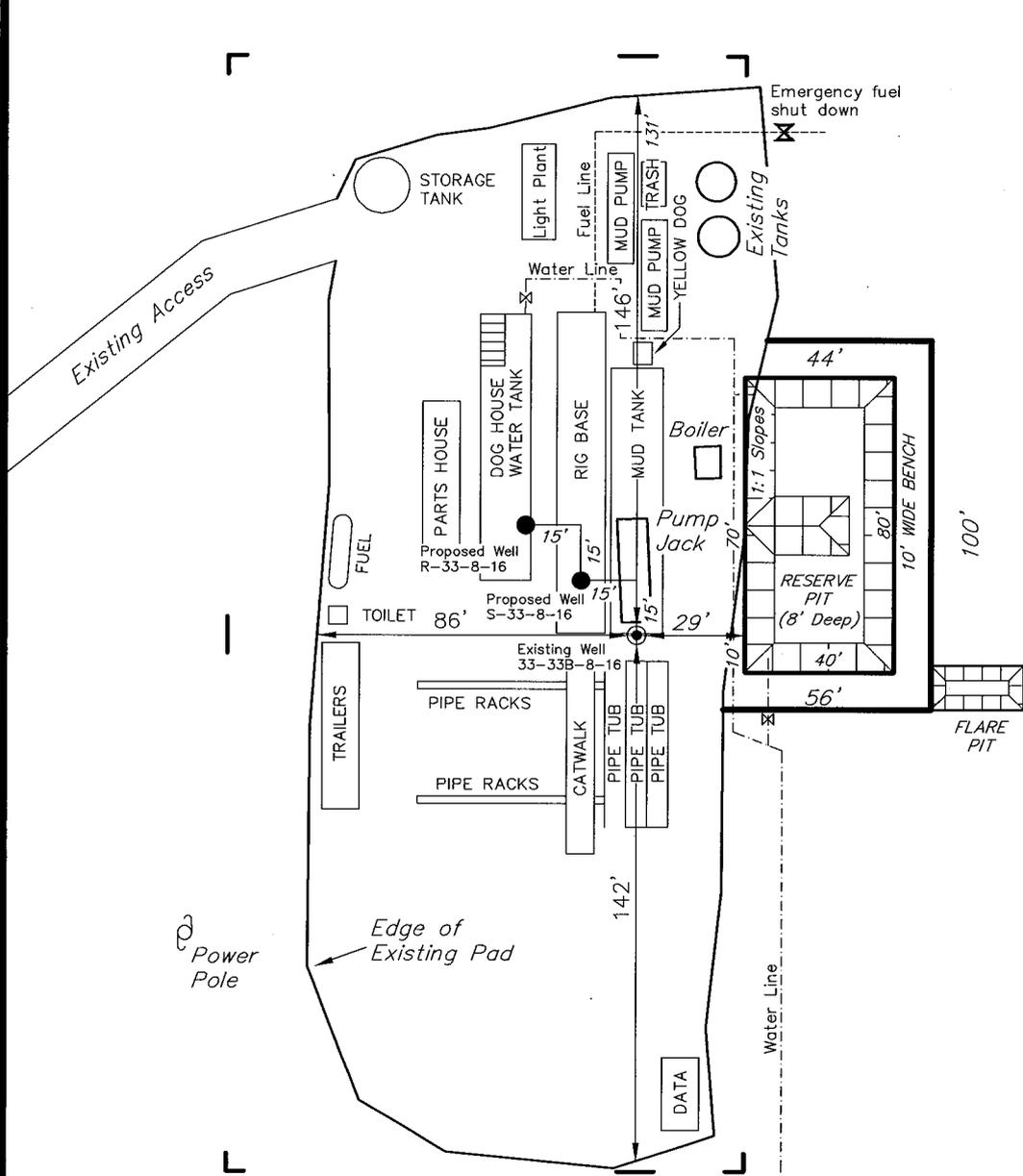
SURVEYED BY: T.H.	DATE SURVEYED: 02-15-08
DRAWN BY: F.T.M.	DATE DRAWN: 03-03-08
SCALE: 1" = 50'	REVISED:

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

NEWFIELD PRODUCTION COMPANY

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 S-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

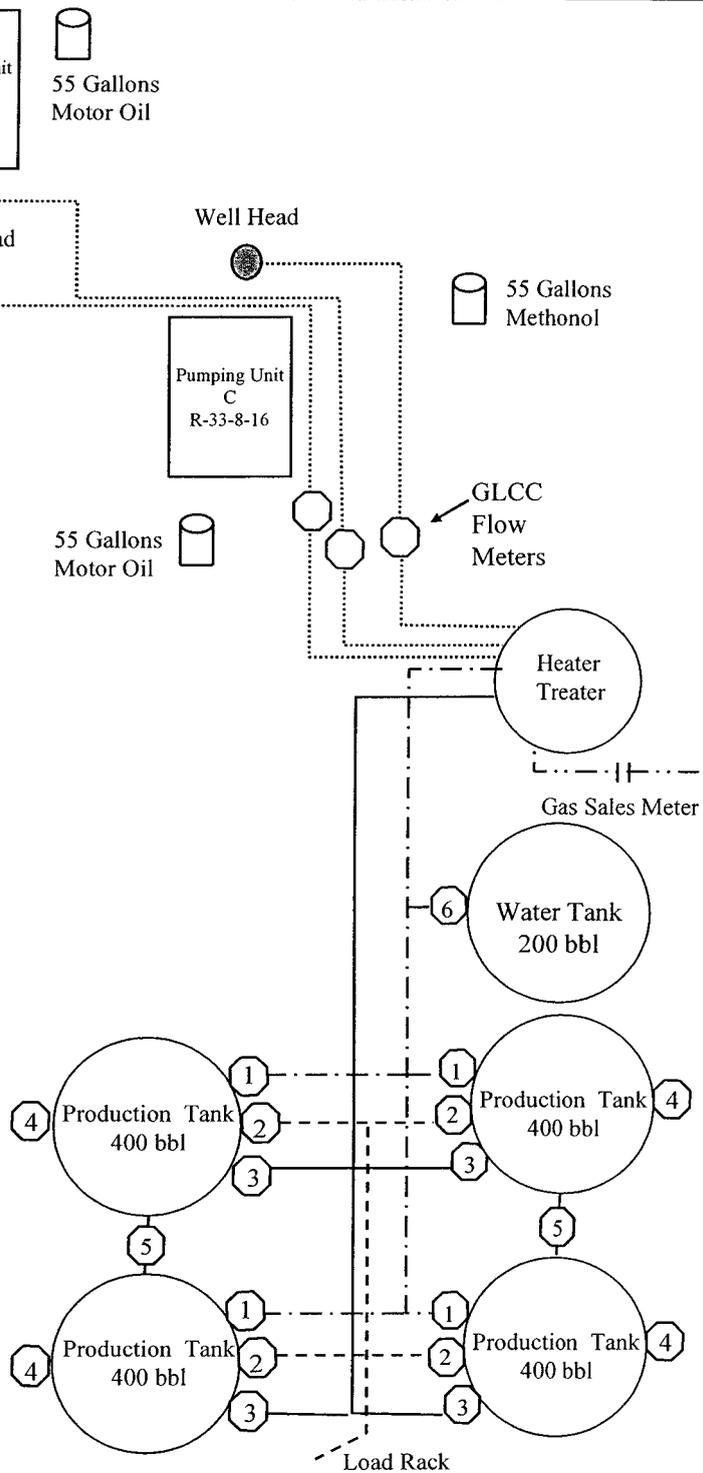
Draining Phase:

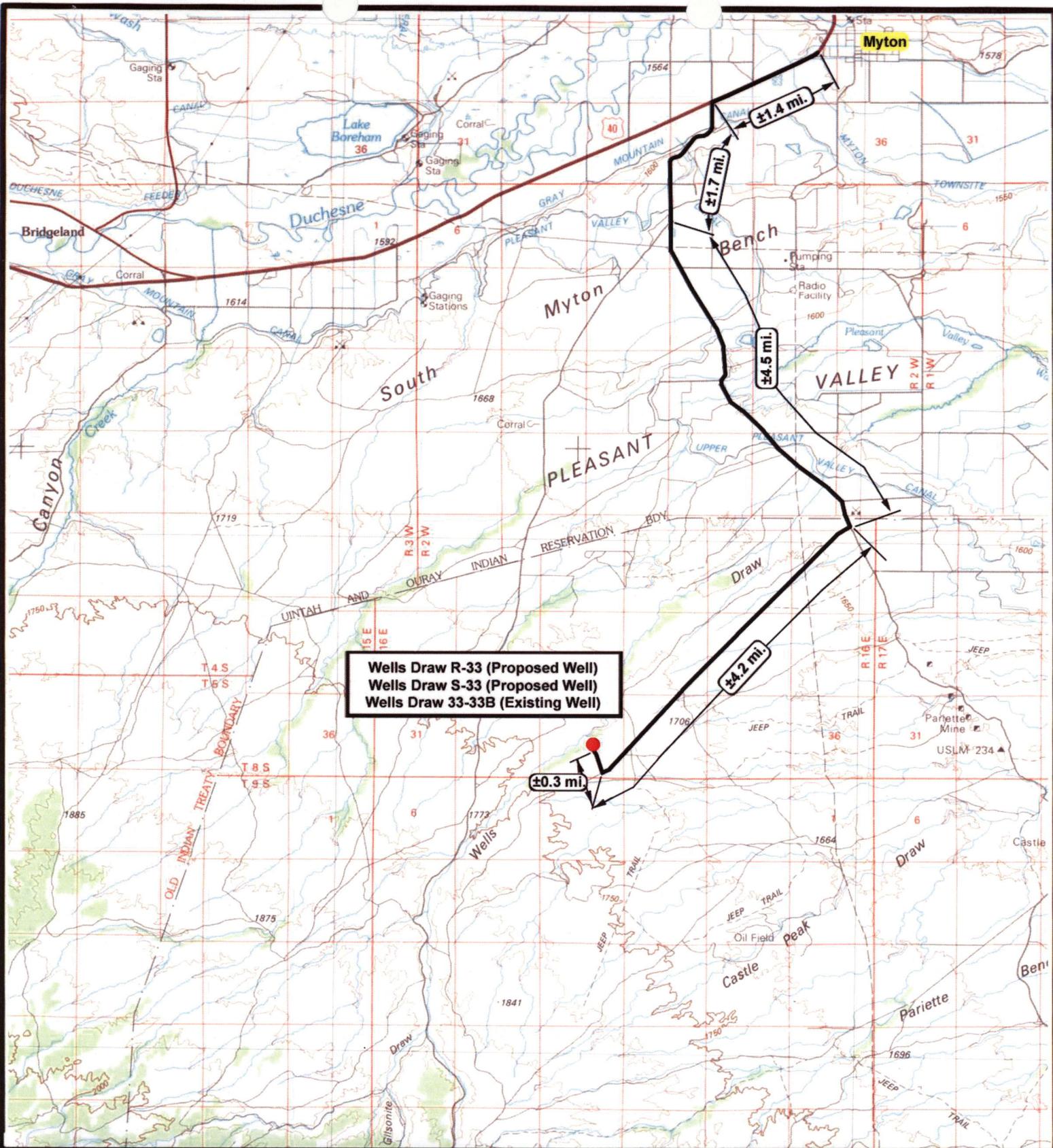
- 1) Valves 1 and 6 open

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.



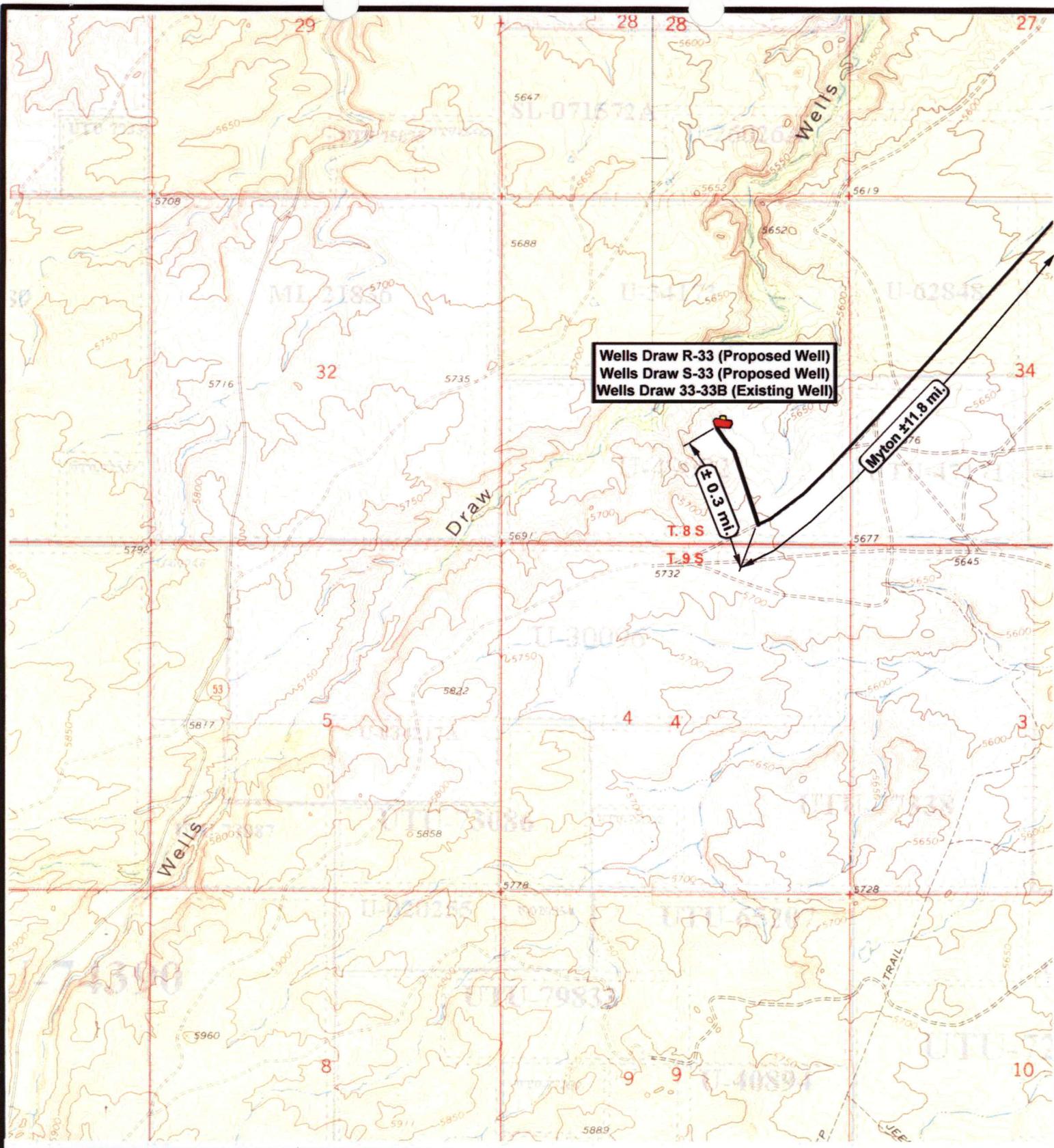
 Tri-State
 Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

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

Legend

 Existing Road

TOPOGRAPHIC MAP
"A"



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

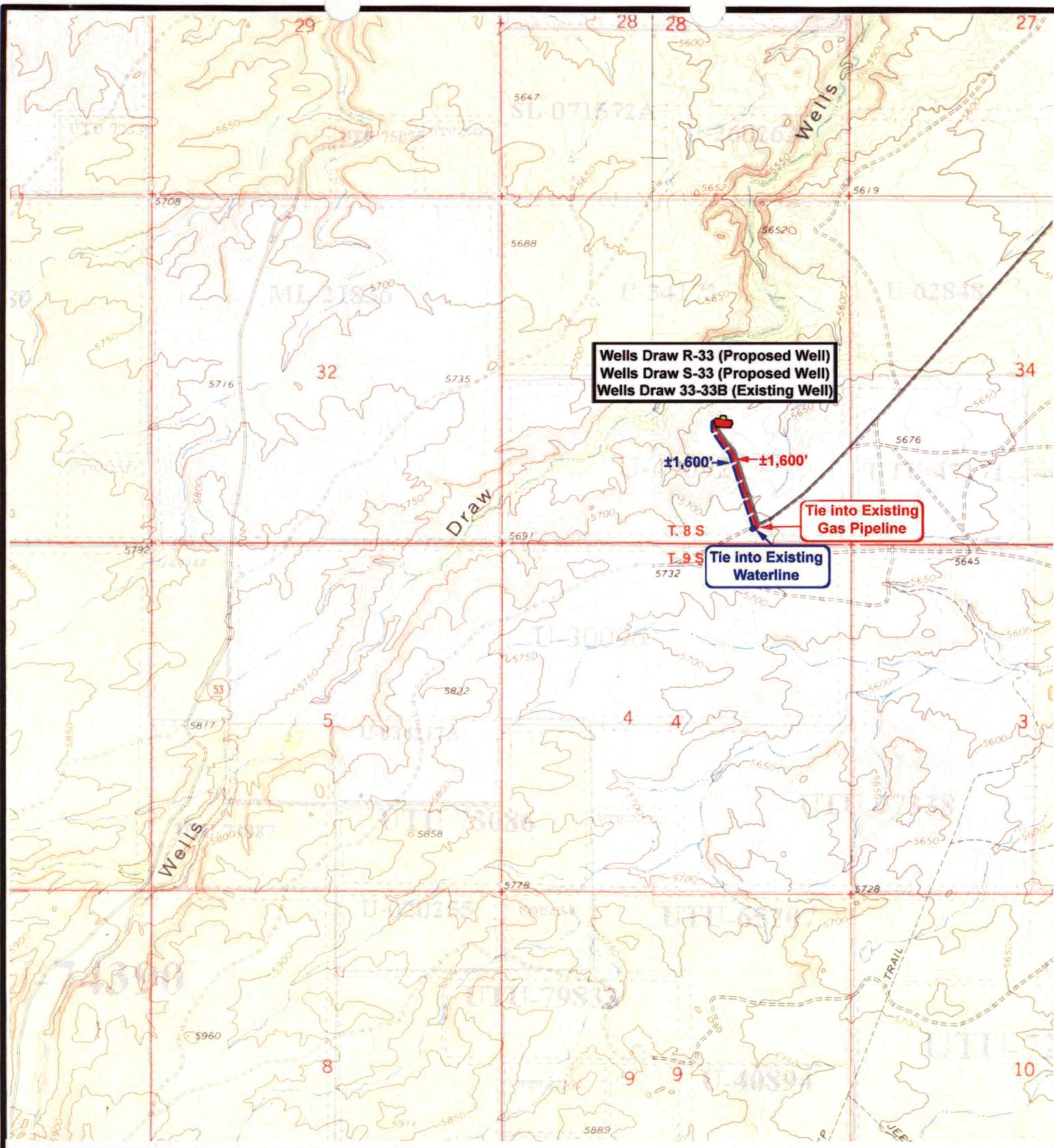
SCALE: 1" = 2000'
 DRAWN BY: nc
 DATE: 03-31-2008

Legend

Existing Road

TOPOGRAPHIC MAP

"B"



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.



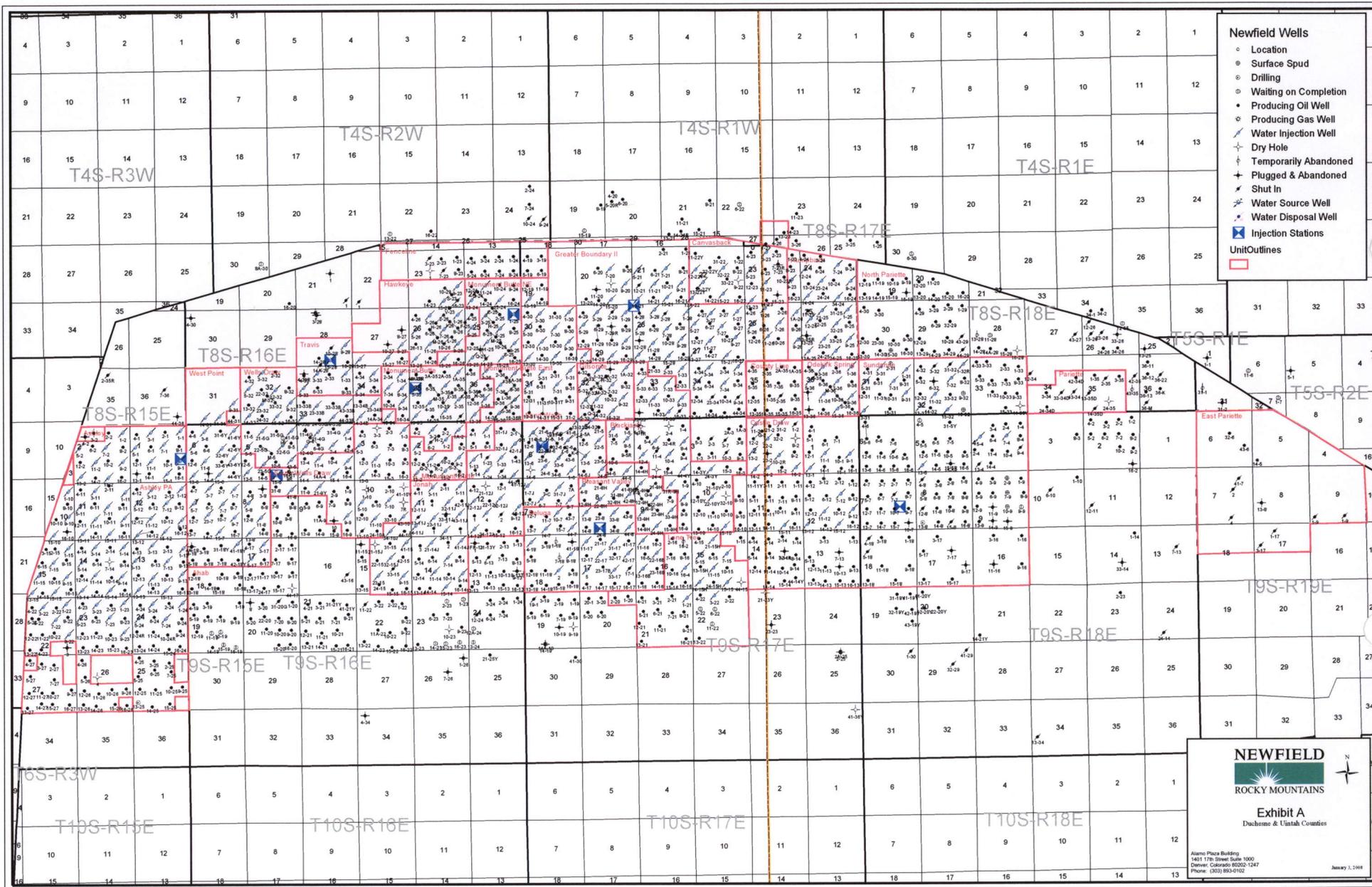
Tri-State
Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

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

Legend

- Existing Road
- Proposed Gas Line
- Proposed Water Line

TOPOGRAPHIC MAP
"C"



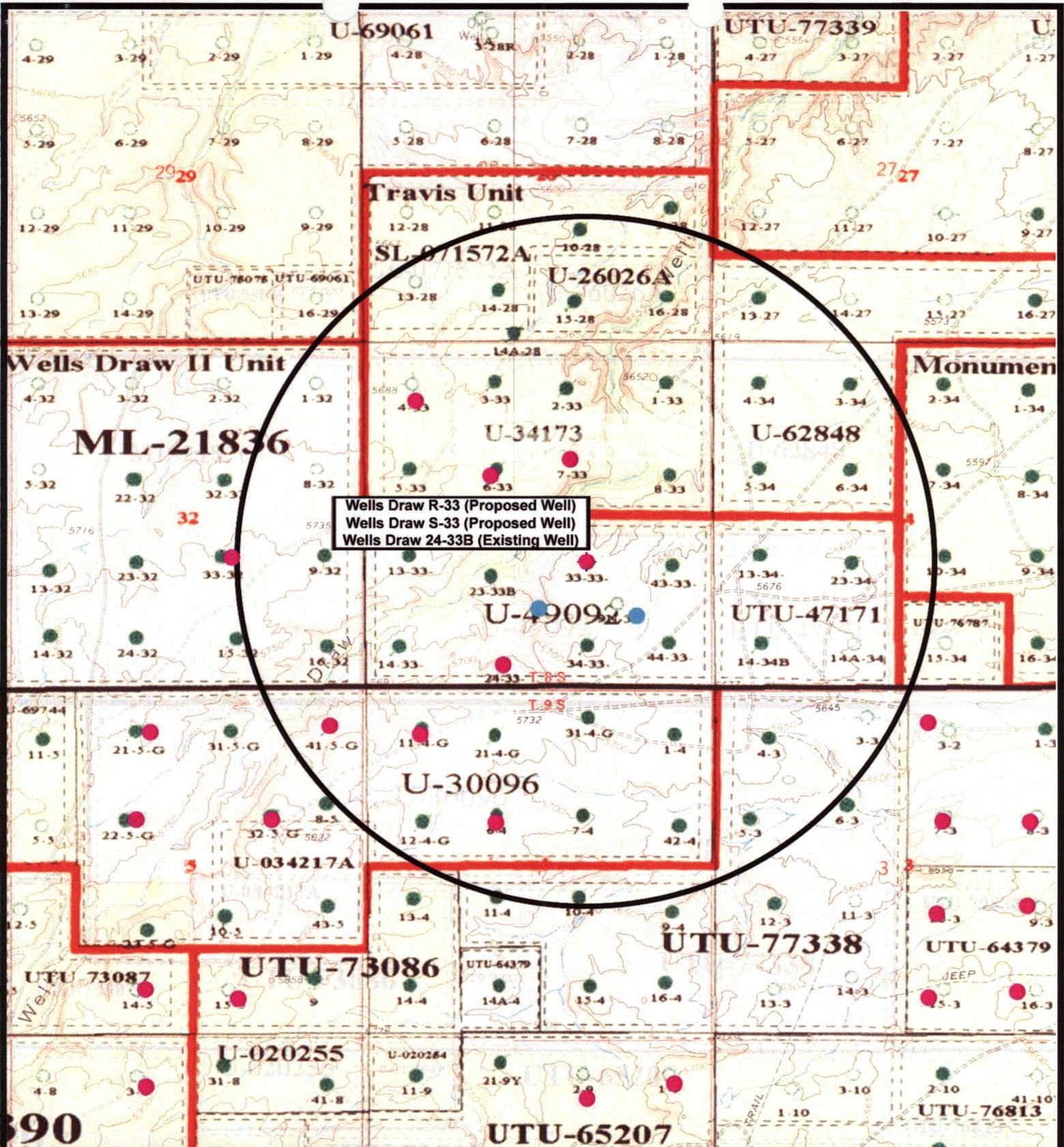
- Newfield Wells**
- Location
 - Surface Spud
 - Drilling
 - Waiting on Completion
 - Producing Oil Well
 - Producing Gas Well
 - Water Injection Well
 - Dry Hole
 - Temporarily Abandoned
 - Plugged & Abandoned
 - Shut In
 - Water Source Well
 - Water Disposal Well
 - ⊠ Injection Stations
- Unit Outlines**
-

NEWFIELD
 ROCKY MOUNTAINS

Exhibit A
 Duchesne & Uintah Counties

Alamo Plaza Building
 1401 17th Street Suite 1000
 Denver, Colorado 80202-1247
 Phone: (303) 853-9102

January 5, 2008



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" = 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

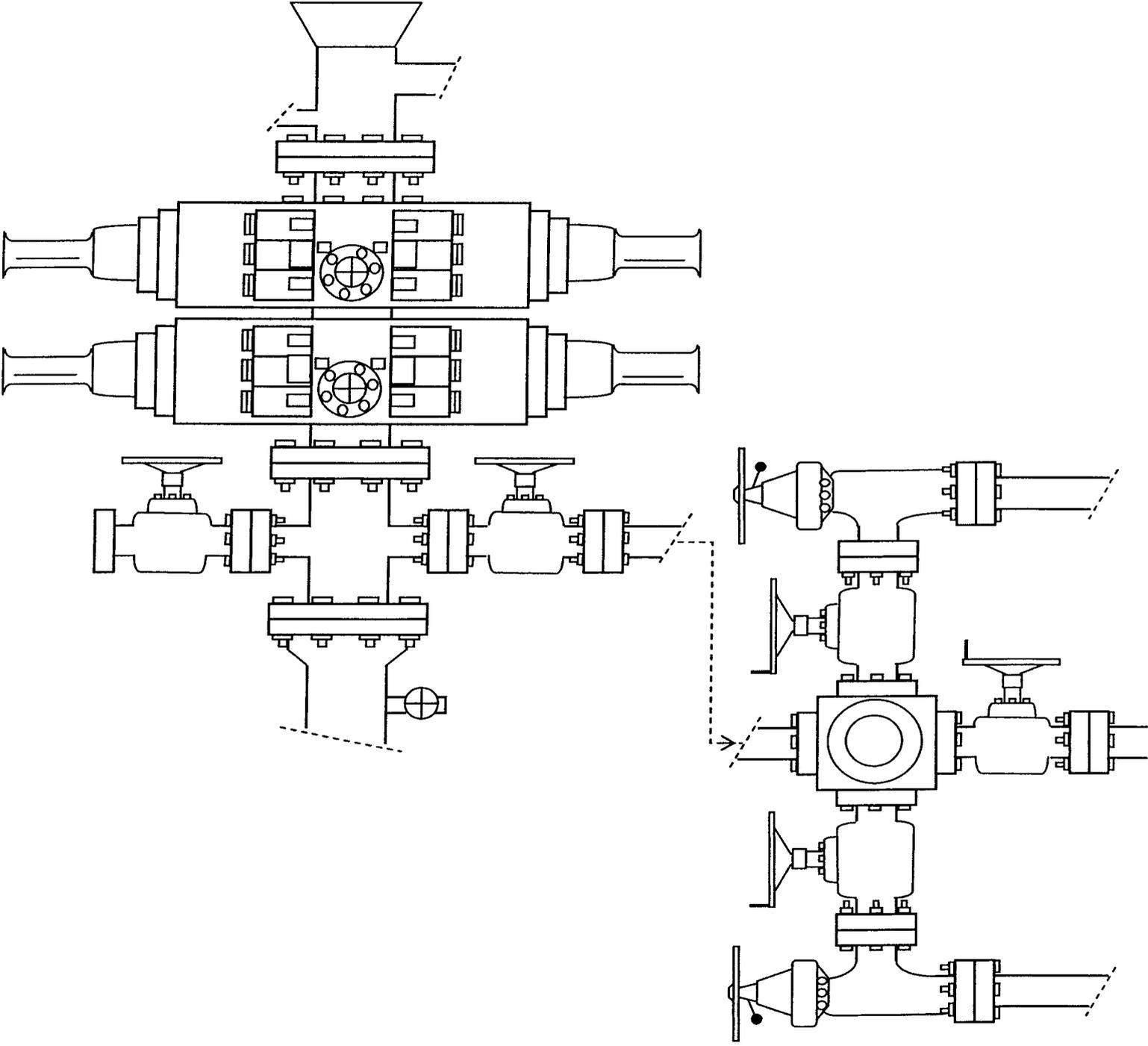


EXHIBIT C

Exhibit "D"

192

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

2fa

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: 09/02/2008

API NO. ASSIGNED: 43-013-34067

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

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:
 NWSE 33 080S 160E
 SURFACE: 1836 FSL 1899 FEL
 BOTTOM: 1265 FSL 1265 FEL
 COUNTY: DUCHESNE
 LATITUDE: 40.07220 LONGITUDE: -110.1210
 UTM SURF EASTINGS: 574951 NORTHINGS: 4435930
 FIELD NAME: MONUMENT BUTTE (105)

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

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: Suspend General Siting

R649-3-11. Directional Drill

COMMENTS: Sep. Separable file

STIPULATIONS: 1. Federal Approval

API Number: 4301334067

Well Name: WELLS DRAW FED S-33-8-16

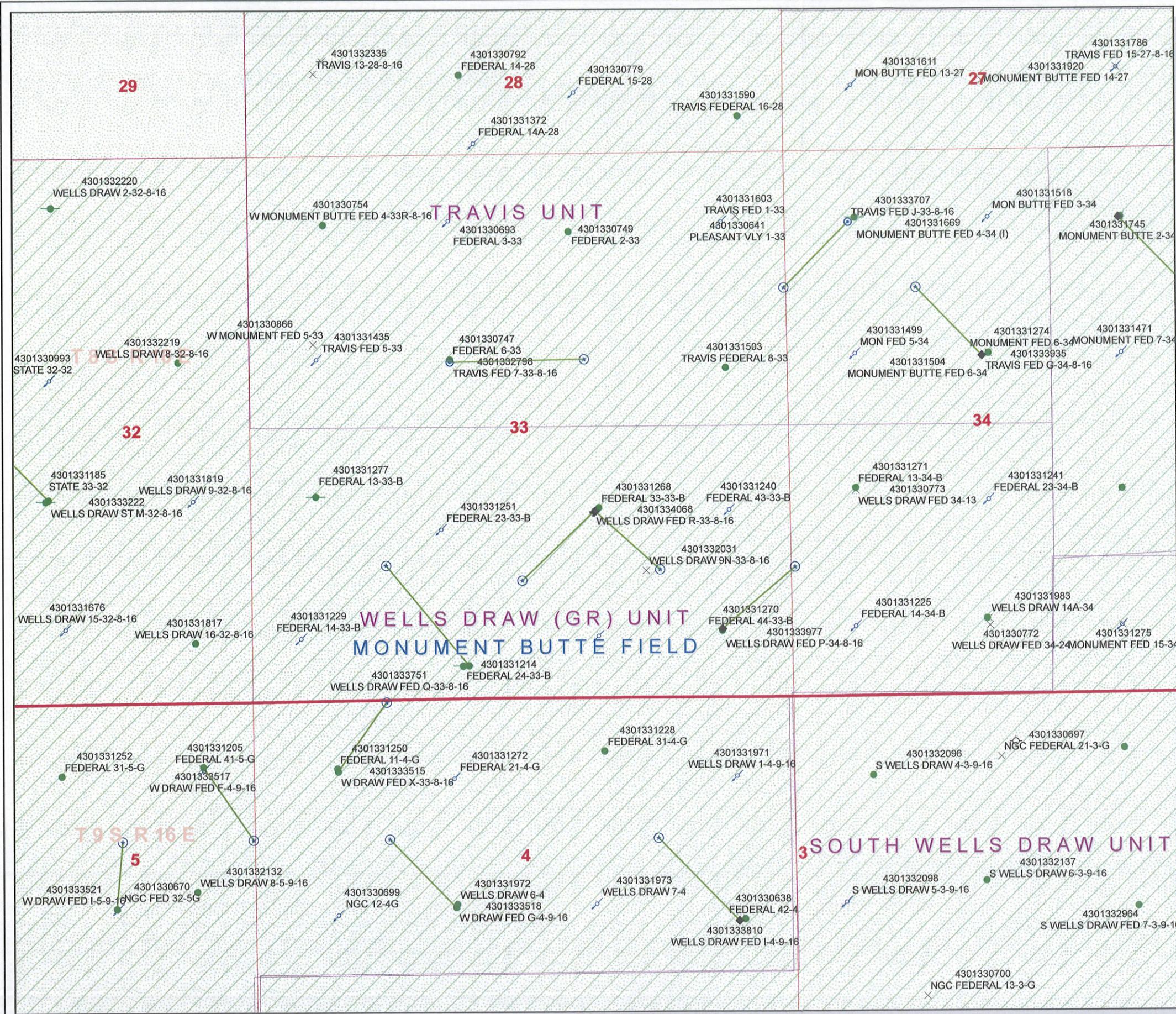
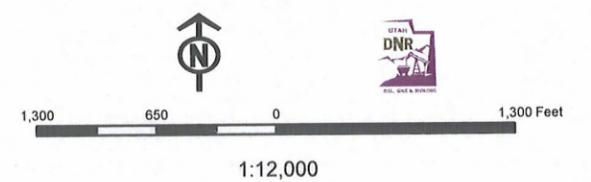
Township 08.0 S Range 16.0 E Section 33

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 GEOTHERM	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 S-33-8-16
Wells Draw Unit
UTU-76613A
Surface Hole: T8S R16E, Section 33: NWSE
1836' FSL 1899' FEL
Bottom Hole: T8S R16E, Section 33
1265' FSL 1265' 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

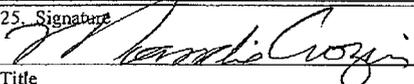
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No. UTU-49092	
6. If Indian, Allottee or Tribe Name N/A	
7. If Unit or CA Agreement, Name and No. Wells Draw Unit	
8. Lease Name and Well No. Wells Draw Federal S-33-8-16	
9. API Well No.	
1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	10. Field and Pool, or Exploratory Monument Butte
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone	11. Sec., T., R., M., or Blk. and Survey or Area Sec. 33, T8S R16E
2. Name of Operator Newfield Production Company	12. County or Parish Duchesne
3a. Address Route #3 Box 3630, Myton UT 84052	13. State UT
3b. Phone No. (include area code) (435) 646-3721	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SE 1836' FSL 1899' FEL At proposed prod. zone 1265' FSL 1265' FEL	
14. Distance in miles and direction from nearest town or post office* Approximatley 12.1 miles southwest of Myton, Utah	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1265' f/lease, 1375' 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. 1271'	19. Proposed Depth 6455'
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.

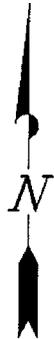
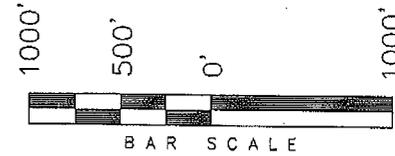
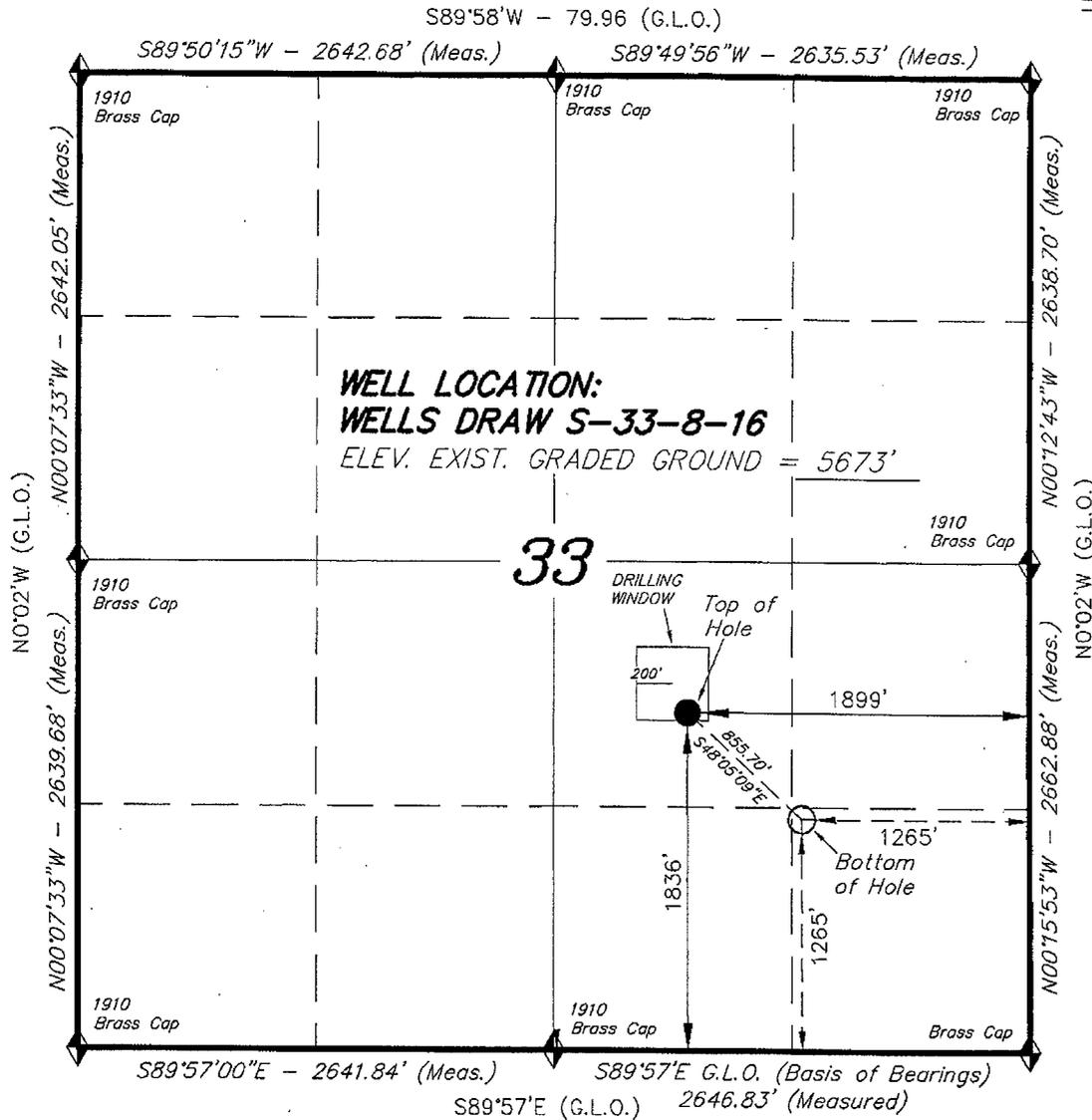
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SEP 08 2008
DIV. OF OIL, GAS & MINING

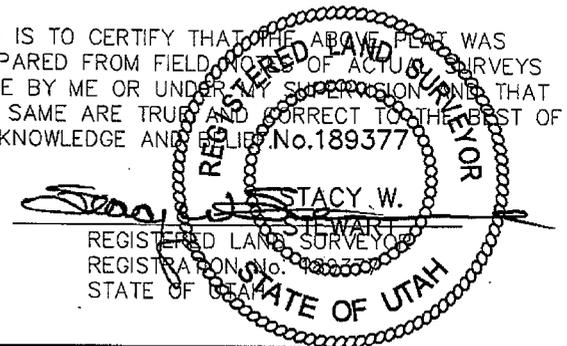
T8S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

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



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



◆ = SECTION CORNERS LOCATED

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

WELLS DRAW S-33-8-16
 (Surface Location) NAD 83
 LATITUDE = 40° 04' 20.02"
 LONGITUDE = 110° 07' 18.37"

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 02-15-08	SURVEYED BY: T.H.
DATE DRAWN: 03-03-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

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 S-33-8-16 Well, Surface Location 1836' FSL, 1899' FEL, NW SE, Sec. 33, T. 8 South, R. 16 East, Bottom Location 1265' FSL, 1265' FEL, SE 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 43-013-34067.

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 S-33-8-16
API Number: 43-013-34067
Lease: UTU-49092

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

RECEIVED
VERNAL FIELD OFFICE

2009 SEP 2 07 1 04

Form 3160-3
(September 2001)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-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 S-33-8-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-34067
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SE 1836' FSL 1899' FEL At proposed prod. zone 1265' FSL 1265' FEL SESE		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. 1265' f/lse, 1375' f/unit	16. No. of Acres in lease 320.00	12. County or Parish Duchesne
17. Spacing Unit dedicated to this well 20 Acres	13. State UT	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1271'	19. Proposed Depth 6455'	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 <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 8/22/08
Title Regulatory Specialist		

Approved by (Signature) <i>Jerry Kewala</i>	Name (Printed/Typed) Jerry Kewala	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)

RECEIVED

FEB 10 2009

DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

NOS 5/5/08

AFMSS# 08PP0783A

UDOGM

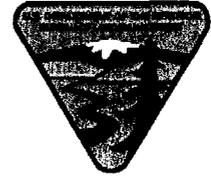


**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE**

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) SESE, Sec. 33, T8S, R16E (B)
Well No:	Wells Draw Fed S-33-8-16	Lease No:	UTU-49092
API No:	43-013-34067	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 should 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 S-33-8-16
Qtr/Qtr NW/SE Section 33 Township 8S Range 16E
Lease Serial Number UTU-49092
API Number 43-013-34067

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

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JUL 30 2009

DIV. OF OIL, GAS & MINING

Date/Time _____ AM PM

Remarks _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

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)

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 S-33-8-16

9. API Well No.

4301334067

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	Spud Notice _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

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

On 8/01/09 MIRU Ross # 29. Spud well @ 12:00pm. Drill 315' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 320.63' On 8/04/09 cement with 160 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 3 bbls cement to pit. WOC.

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

Don Bastian

Title

Drilling Foreman

Signature

Don Bastian

Date

08/04/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____

Title

Date

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

Office

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

(Instructions on page 2)

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DIV. OF OIL, GAS & MINING

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
WELL 1 COMMENTS: <i>GRRU</i>											
A	99999		4304740503	UTE TRIBAL 4-30-4-1E	NENW	30	4S	1E	UINTAH	7/16/2009	
Duplicate (submitted in July)											
A	99999	17348	4301333145	FEDERAL 9-21-9-16	NESE	21	9S	16E	DUCHESNE	7/31/2009	8/13/09
WELL 1 COMMENTS: <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.

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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

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

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include area code)
435.646.3721

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

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 S-33-8-16

9. API Well No.

4301334067

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

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

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

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

On 8/21/09 MIRU NDSI Rig #2. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & BOP's to 2,000 psi. Test 8-5/8" csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. Pick up BHA and tag cement @ 276'. Drill out cement & shoe. Drill a 7-7/8" hole with fresh water to a true vertical depth of 6279' and a measured depth of 6435'. Lay down drill string & BHA. Ran a single pass open hole triple combo log from TD to surface. Pick up & trip in hole with guide shoe, shoe jt, float collar, 142 jt's of 5-1/2" J-55, 15.5# casing. Set @ 6424.64' KB. Cemented with a lead cement of 300 sks mixed @ 11.0 ppg & 3.54 yld followed by a tail cement of 425 sks mixed @ 14.4 ppg & 1.24 yld. Returned 40 bbl cmt to surface. Nipple down BOP's. Set slips @ 90,000 #'s tension. Release rig @ 12:30 AM on 8/22/09.

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SEP 02 2009
DIV. OF OIL, GAS & MINING

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

Nathan Rutledge

Signature

Title

Petroleum Engineer

Date

08/22/2009

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

Date

Office

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

(Instructions on page 2)

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 DRW S-33-8-16

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

9. API NUMBER:

4301334067

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: , 33, T8S, R16E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 09/23/2009	<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	

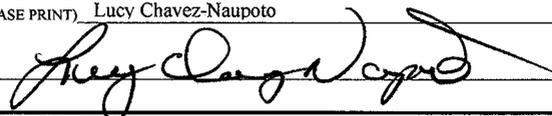
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 09-23-09, 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)

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OCT 07 2009

DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

WELLS DRW S-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. - NU frac head & Cameron BOP's. RU Hot oiler & test casing, frac head, frac valves & BOP to 4500 psi. RU WLT w/ mast & pack off tool. Run CBL under pressure. WLTD was 6288' w/ CMT @ 20'. RIH w/ 3-1/8" Slick Guns & perforate CP2 sds @ 6008-13', CP1 sds @ 5969-71' & CP.5 sds @ 5921-25' w/ (19 gram, .49"EH, 120°) 3 spf for total of 33 shots. RD WLT & Hot Oiler. SIFN w/ 151 bbls EWTR.

Daily Cost: \$0

Cumulative Cost: \$11,794

9/15/2009 Day: 2

Completion

Rigless on 9/15/2009 - Frac well. SWIFN. 3391 BWTR. - RU The Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug @ 4- 3' perf guns. Set plug @ 5850'. Perforate LODC sds @ 5792-95', 5711-14', 5678-81' & 5602-05' w/ 3 1/8" Port plug guns (.36" EH, 11 gram, 120°, 16.82¢ pen., PPG-3111-301) w/ 3 spf for total of 36 shots. RU BJ Services. 1450 psi on well. Broke @ 1713 psi. Pressure dropped below open pressure. No shut ins recorded. Frac LODC sds w/ 201,574#'s of 20/40 sand in 1402 bbls of Lightning 17 fluid. Treated w/ ave pressure of 3027 psi w/ ave rate of 46.6 BPM. ISIP 2615 psi. FG @ .89. Leave pressure on well. 1999 BWTR. - RU The Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug @ 4', 2- 2' perf guns. Set plug @ 5410'. Perforate B2 sds @ 5334-38' & 5328-30' & C sds @ 5204-06' w/ 3 1/8" Port plug guns (.36" EH, 11 gram, 120°, 16.82¢ pen., PPG-3111-301) w/ 3 spf for total of 24 shots. RU BJ Services. 1960 psi on well. Broke @ 3444 psi. Pressure dropped below open pressure. No shut ins recorded. Frac B2/C sds w/ 15,016#'s of 20/40 sand in 291 bbls of Lightning 17 fluid. Treated w/ ave pressure of 3680 psi w/ ave rate of 19.5 BPM. ISIP 2000 psi. FG @ .81. Leave pressure on well. 2290 BWTR. - RU The Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug @ 7', 2', 3' perf guns. Set plug @ 5130'. Perforate D2 sds @ 5075-82' & D1 sds @ 5026-28' & 5015-18' w/ 3 1/8" Port plug guns (.36" EH, 11 gram, 120°, 16.82¢ pen., PPG-3111-301) w/ 3 spf for total of 36 shots. RU BJ Services. 1740 psi on well. Broke @ 2509 psi. Pressure dropped below open pressure. No shut ins recorded. Frac D1/D2 sds w/ 150,403#'s of 20/40 sand in 1101 bbls of Lightning 17 fluid. Treated w/ ave pressure of 3084 psi w/ ave rate of 41 BPM. ISIP 2351 psi. FG @ .90. Leave pressure on well. 3391 BWTR. - RU BJ Services. 30 psi on well. Broke @ 3152 psi. ISIP @ 1555 psi, 1 min @ 1400 psi, 4 min @ 1216 psi. FG @ .69. Frac CP2/CP1/CP.5sds w/ 30,433#'s of 20/40 sand in 446 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2732 psi w/ ave rate of 38.1 BPM. ISIP 2041 psi, 5 min @ 1900 psi, 10 min @ 1821 psi, 15 min @ 1761 psi. FG @ .78. Leave pressure on well. 597 BWTR. - RU The Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug @ 4' perf gun. Set plug @ 4600'. Perforate GB6 sds @ 4541-45' w/ 3 1/8" Port plug guns (.36" EH, 11 gram, 120°, 16.82¢ pen., PPG-3111-301) w/ 3 spf for total of 12 shots. SWIFN.

Daily Cost: \$0

Cumulative Cost: \$35,735

9/16/2009 Day: 3

Completion

Rigless on 9/16/2009 - Frac last stage. Flow well. SWIFN. 3624 BWTR. - RU BJ Services. 807

psi on well. Broke @ 3940 psi. ISIP @ 1224 psi, 1 min @ 910 psi, 4 min @ 747 psi. FG @ .70. Frac GB6 sds w/ 14,911#'s of 20/40 sand in 283 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2451 psi w/ ave rate of 19.2 BPM. ISIP 2090 psi, 5 min @ 1831 psi, 10 min @ 1755 psi, 15 min @ 1708 psi. FG @ .89. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 1 hr & died. Recovered 50 bbls water. SWIFN. 3624 BWTR.

Daily Cost: \$0

Cumulative Cost: \$124,798

9/18/2009 Day: 4

Completion

WWS #1 on 9/18/2009 - ND Cameron BOP. RU Schaeffer BOP. PU tbg. - MIRU Western #1. ND Cameron BOP & 5M frac head. NU 3M production head & Schaeffer BOP. RIH w/ 4 3/4" chomp bit, bit sub & 119 jts new 2 7/8" tbg. from pipe racks (drifting & tallying). RU pump & lines. Circulate well clean. SWIFN. EOT @ 3787'. 3624 BWTR.

Daily Cost: \$0

Cumulative Cost: \$159,291

9/19/2009 Day: 5

Completion

WWS #1 on 9/19/2009 - DU CBPs. Circulate well clean. SWIFN. 3324 BWTR. - Cont. RIH w/ tbg. Tag fill @ 4566'. RU powerswivel. C/O to CBP @ 4600'. DU CBP in 28 min. Well began flowing. Circulate well for 1.5 hrs to kill tbg. Cont. RIH w/ tbg. Tag CBP @ 5130'. DU CBP in 11 min. Cont. RIH w/ tbg. Tag CBP @ 5410'. DU CBP in 24 min. Cont. RIH w/ tbg. Tag fill @ 5762'. Pull up to 5730'. Circulate well clean. SWIFN. 3324 BWTR.

Daily Cost: \$0

Cumulative Cost: \$166,511

9/22/2009 Day: 6

Completion

WWS #1 on 9/22/2009 - DU CBPs. C/O to PBTB @ 6352'. Flow well. POOH w/ tbg. RIH w/ production to 3183'. SWIFN. 33015 BWTR. - Tbg. @ 350 psi, csg. @ 500 psi. Bleed off well. RIH w/ tbg. Tag fill @ 5762'. C/O to CBP @ 5850'. DU CBP in 12 min. Cont. RIH w/ tbg. Tag fill @ 6239'. C/O to PBTB @ 6352'. Circulate well clean. Pull up to 6270'. Flow well for cleanup. Flowed for 75 min. Recovered 160 bbls. Ending oil cut @ approx. 25%. Kill well w/ 260 bbls 10# brine water. RIH w/ tbg. Tag PBTB @ 6352' (no new fill). POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC & 97 jts 2 7/8" tbg. SWIFN.

Daily Cost: \$0

Cumulative Cost: \$171,961

9/23/2009 Day: 7

Completion

WWS #1 on 9/23/2009 - Cont. RIH w/ tbg. Land tbg. RIH w/ rods. PWOP @ 5:00 p.m. 168" stroke, 5.5 spm. 3375 BWTR. - Tbg. @ 100 psi, csg. @ 200 psi. Bleed off well. Circulate well w/ 100 bbls water. Cont. RIH w/ tbg. ND BOP. Set TAC @ 5997' w/ 18,000# tension. NU wellhead. X-over for rods. Flush tbg. w/ 60 bbls water. RIH w/ Central Hydraulic 2 1/2" x 1 3/4" x 20' x 24' RHAC rod pump, 4- 1 1/2" weight bars, 236- 7/8" guided rods (8 per), 1- 4', 2' x 7/8" pony subs, 1 1/2" x 30' polished rod. Seat pump. RU pumping unit. Hang off rods. Tbg. was full. 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. 3375 BWTR. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$210,590

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 S-33-8-16

9. AFI Well No.
43-013-34067

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
08/01/2009

15. Date T.D. Reached
08/21/2009

16. Date Completed
09/23/2009
 D & A Ready to Prod.

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

18. Total Depth: MD 6435'
TVD 6279'

19. Plug Back T.D.: MD 6352'
TVD 6254'

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)

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

3. Address
1401 17TH ST. SUITE 1000 DENVER, CO 80202

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface 1836' FSL & 1899' FEL (NW/SE) SEC. 33 T8S, R16E
At top prod. interval reported below BHL: 1150' FSL & 1130' FEL
At total depth ^{6435'} 1145' fsl 1125' fel Der HSM Review

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#		6425'		300 PRIMLITE		20'	
						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@ 6096'	TA @ 6000'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER			(CP2)(CP1)(CP.5)see belo	.49"	3	33
B) GREEN RIVER			(LODC) see below	.36"	3	36
C) GREEN RIVER			(B2)(C2) see below	.36"	3	24
D) GREEN RIVER			(D1)(D2) see below	.36"	3	36

26. Perforation Record 4541 - 4013

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

Depth Interval	Amount and Type of Material
5921-6013'	Frac CP2/CP1/CP.5sds w/ 30,433#'s of 20/40 sand in 446 bbls of Lightning 17 fluid.
5602-5795'	Frac LODC sds w/ 201,574#'s of 20/40 sand in 1402 bbls of Lightning 17 fluid.
5204-5338'	Frac B2/C sds w/ 15,016#'s of 20/40 sand in 291 bbls of Lightning 17 fluid.
5015-5082'	Frac D1/D2 sds w/ 150,403#'s of 20/40 sand in 1101 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
09/23/09	10/10/09	24	→	33	9	177			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	
			→						

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

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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	3962' 4181'
				GARDEN GULCH 2 POINT 3	4296' 4564'
				X MRKR Y MRKR	4822' 4855'
				DOUGALS CREEK MRK BI CARBONATE MRK	4973' 5231'
				B LIMESTON MRK CASTLE PEAK	5349' 5891'
				BASAL CARBONATE	6328'

32. Additional remarks (include plugging procedure):

Perforate stage #1: Perforate CP2 sds @ 6008-13', CP1 sds @ 5969-71' & CP.5 sds @ 5921-25' w/ (19 gram, .49"EH, 120°) 3 spf for total of 33 shots.
 Perforate stage #2: Perforate LODC sds @ 5792-95', 5711-14', 5678-81' & 5602-05' w/ 3 1/8" Port plug guns (.36" EH, 11 gram, 120°, 16.82_z pen., PPG-3111-301) w/ 3 spf for total of 36 shots.
 Perforate stage #3: Perforate B2 sds @ 5334-38' & 5328-30' & C sds @ 5204-06' w/ 3 1/8" Port plug guns (.36" EH, 11 gram, 120°, 16.82_z pen., PPG-3111-301) w/ 3 spf for total of 24 shots.
 Perforate stage #4: Perforate D2 sds @ 5075-82' & D1 sds @ 5026-28' & 5015-18' w/ 3 1/8" Port plug guns (.36" EH, 11 gram, 120°, 16.82_z pen., PPG-3111-301) w/ 3 spf for total of 36 shots.
 Perforate stage #5: Perforate GB6 sds @ 4541-45' w/ 3 1/8" Port plug guns (.36" EH, 11 gram, 120°, 16.82_z pen., PPG-3111-301) w/ 3 spf for total of 12 shots. Frac GB6 sds w/ 14,911#s of 20/40 sand in 283 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



NEWFIELD EXPLORATION

USGS Myton SW (UT)

SECTION 33

S-33-8-16

Wellbore #1

Survey: Survey #1

Standard Survey Report

21 August, 2009

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DIV. OF OIL, GAS & MINING

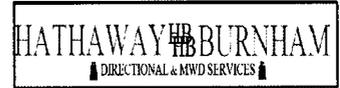
HATHAWAY  BURNHAM

 DIRECTIONAL & MWD SERVICES 



HATHAWAY BURNHAM

Survey Report



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

Local Co-ordinate Reference: Well S-33-8-16
TVD Reference: S-33-8-16 @ 5685.0ft
MD Reference: S-33-8-16 @ 5685.0ft
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° 4' 8.951 N
From:	Lat/Long	Easting:	2,024,279.31 ft	Longitude:	110° 7' 41.858 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.88 °

Well	S-33-8-16, SHL LAT 40 04 20.02, LONG -110 07 18.37				
Well Position	+N-S	0.0 ft	Northing:	7,198,004.34 ft	Latitude: 40° 4' 20.020 N
	+E-W	0.0 ft	Easting:	2,026,087.76 ft	Longitude: 110° 7' 18.370 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level: 0.0 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:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N-S (ft)	+E-W (ft)	Direction (°)	
	0.0	0.0	0.0	131.91	

Survey Program	Date	2009/08/21			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
449.0	6,377.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
449.0	0.53	246.33	449.0	-0.8	-1.9	-0.9	0.12	0.12	0.00
480.0	0.40	229.65	480.0	-1.0	-2.1	-0.9	0.60	-0.42	-53.81
510.0	0.47	251.69	510.0	-1.1	-2.3	-1.0	0.60	0.23	73.47
541.0	0.22	251.80	541.0	-1.1	-2.5	-1.1	0.81	-0.81	0.35
572.0	0.35	191.72	572.0	-1.2	-2.6	-1.1	0.99	0.42	-193.81
602.0	0.58	146.51	602.0	-1.5	-2.5	-0.9	1.39	0.77	-150.70
633.0	1.03	136.58	633.0	-1.8	-2.2	-0.5	1.51	1.45	-32.03
664.0	1.49	134.50	664.0	-2.3	-1.7	0.2	1.49	1.48	-6.71
694.0	1.88	130.21	694.0	-2.9	-1.1	1.1	1.37	1.30	-14.30
725.0	2.33	124.18	724.9	-3.5	-0.2	2.2	1.62	1.45	-19.45
756.0	2.68	120.16	755.9	-4.3	1.0	3.6	1.26	1.13	-12.97
786.0	2.92	119.76	785.9	-5.0	2.2	5.0	0.80	0.80	-1.33



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

Local Co-ordinate Reference: Well S-33-8-16
 TVD Reference: S-33-8-16 @ 5685.0ft
 MD Reference: S-33-8-16 @ 5685.0ft
 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)
817.0	3.52	124.27	816.8	-5.9	3.7	6.7	2.10	1.94	14.55
847.0	3.91	131.67	846.8	-7.1	5.2	8.7	2.06	1.30	24.67
878.0	4.20	134.11	877.7	-8.6	6.8	10.8	1.09	0.94	7.87
909.0	4.72	133.94	908.6	-10.3	8.6	13.3	1.68	1.68	-0.55
941.0	5.16	134.88	940.5	-12.2	10.5	16.0	1.40	1.38	2.94
973.0	5.87	135.10	972.3	-14.4	12.7	19.1	2.22	2.22	0.69
1,004.0	6.44	134.07	1,003.2	-16.7	15.1	22.4	1.87	1.84	-3.32
1,036.0	7.19	134.59	1,034.9	-19.4	17.8	26.2	2.35	2.34	1.63
1,068.0	7.67	132.53	1,066.7	-22.2	20.8	30.3	1.72	1.50	-6.44
1,099.0	8.15	131.50	1,097.4	-25.1	24.0	34.6	1.61	1.55	-3.32
1,131.0	8.48	130.07	1,129.0	-28.1	27.5	39.2	1.22	1.03	-4.47
1,162.0	8.96	127.89	1,159.7	-31.1	31.1	43.9	1.88	1.55	-7.03
1,194.0	9.32	126.22	1,191.3	-34.1	35.2	49.0	1.40	1.13	-5.22
1,226.0	9.69	126.55	1,222.8	-37.3	39.4	54.2	1.17	1.16	1.03
1,257.0	10.02	127.67	1,253.4	-40.5	43.7	59.5	1.23	1.06	3.61
1,289.0	10.24	129.32	1,284.9	-44.0	48.1	65.1	1.14	0.69	5.16
1,321.0	10.68	129.87	1,316.3	-47.7	52.5	70.9	1.41	1.38	1.72
1,352.0	11.03	130.22	1,346.8	-51.4	57.0	76.8	1.15	1.13	1.13
1,448.0	11.71	132.07	1,440.9	-63.9	71.3	95.7	0.80	0.71	1.93
1,543.0	11.93	131.56	1,533.9	-76.9	85.8	115.2	0.26	0.23	-0.54
1,638.0	12.44	131.26	1,626.7	-90.1	100.8	135.2	0.54	0.54	-0.32
1,733.0	12.39	132.44	1,719.5	-103.7	116.0	155.6	0.27	-0.05	1.24
1,828.0	12.04	131.65	1,812.4	-117.2	130.9	175.7	0.41	-0.37	-0.83
1,923.0	11.43	134.18	1,905.4	-130.3	145.1	195.0	0.84	-0.64	2.66
2,018.0	10.72	134.64	1,998.6	-143.1	158.1	213.3	0.75	-0.75	0.48
2,113.0	10.70	131.76	2,092.0	-155.2	171.0	230.9	0.56	-0.02	-3.03
2,208.0	11.12	128.42	2,185.2	-166.8	184.8	248.9	0.80	0.44	-3.52
2,304.0	10.24	129.98	2,279.6	-178.0	198.6	266.7	0.96	-0.92	1.63
2,399.0	10.04	130.66	2,373.1	-188.8	211.3	283.4	0.25	-0.21	0.72
2,494.0	11.21	130.55	2,466.5	-200.2	224.6	300.9	1.23	1.23	-0.12
2,589.0	11.32	134.20	2,559.6	-212.7	238.3	319.4	0.76	0.12	3.84
2,684.0	10.26	134.75	2,653.0	-225.2	251.0	337.2	1.12	-1.12	0.58
2,780.0	10.66	130.29	2,747.4	-236.9	263.8	354.6	0.94	0.42	-4.65
2,874.0	11.82	130.40	2,839.6	-248.8	277.8	372.9	1.23	1.23	0.12
2,969.0	12.22	132.66	2,932.5	-261.9	292.6	392.7	0.65	0.42	2.38
3,064.0	12.24	130.62	3,025.3	-275.3	307.6	412.8	0.46	0.02	-2.15
3,159.0	12.92	126.95	3,118.0	-288.2	323.8	433.5	1.10	0.72	-3.86
3,255.0	12.50	128.44	3,211.7	-301.1	340.5	454.5	0.55	-0.44	1.55
3,350.0	11.87	129.21	3,304.5	-313.7	356.1	474.6	0.68	-0.66	0.81
3,445.0	12.02	129.54	3,397.5	-326.2	371.3	494.2	0.17	0.16	0.35
3,540.0	12.06	131.69	3,490.4	-339.1	386.4	514.0	0.47	0.04	2.26
3,635.0	12.11	134.22	3,583.3	-352.6	400.9	533.9	0.56	0.05	2.66
3,730.0	11.87	134.77	3,676.2	-366.5	415.0	553.6	0.28	-0.25	0.58
3,825.0	11.36	133.43	3,769.3	-379.8	428.7	572.7	0.61	-0.54	-1.41
3,920.0	11.16	131.78	3,862.4	-392.3	442.4	591.3	0.40	-0.21	-1.74
4,014.0	12.08	130.55	3,954.5	-404.8	456.6	610.2	1.01	0.98	-1.31
4,110.0	11.91	130.77	4,048.4	-417.8	471.8	630.1	0.18	-0.18	0.23
4,204.0	11.84	132.60	4,140.4	-430.7	486.2	649.5	0.41	-0.07	1.95
4,299.0	11.62	132.33	4,233.4	-443.7	500.4	668.8	0.24	-0.23	-0.28
4,395.0	10.99	132.11	4,327.6	-456.3	514.4	687.6	0.66	-0.66	-0.23
4,489.0	10.52	133.34	4,419.9	-468.2	527.3	705.2	0.56	-0.50	1.31
4,585.0	10.22	134.49	4,514.3	-480.2	539.7	722.4	0.38	-0.31	1.20
4,680.0	10.37	131.21	4,607.8	-491.8	552.2	739.4	0.64	0.16	-3.45
4,775.0	10.63	131.15	4,701.2	-503.2	565.2	756.7	0.27	0.27	-0.06



HATHAWAY BURNHAM

Survey Report



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

Local Co-ordinate Reference: Well S-33-8-16
 TVD Reference: S-33-8-16 @ 5685.0ft
 MD Reference: S-33-8-16 @ 5685.0ft
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.21 Single User Db

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)
4,870.0	10.72	131.01	4,794.6	-514.7	578.5	774.3	0.10	0.09	-0.15
4,965.0	11.56	131.01	4,887.8	-526.8	592.3	792.7	0.88	0.88	0.00
5,060.0	11.60	130.38	4,980.9	-539.2	606.8	811.7	0.14	0.04	-0.66
5,155.0	11.23	132.33	5,074.0	-551.6	620.9	830.5	0.56	-0.39	2.05
5,250.0	10.00	133.98	5,167.3	-563.6	633.7	848.0	1.33	-1.29	1.74
5,346.0	9.25	131.72	5,262.0	-574.5	645.4	864.1	0.87	-0.78	-2.35
5,382.2	9.10	131.51	5,297.7	-578.3	649.7	869.8	0.43	-0.42	-0.58
S-33-8-16 TGT									
5,441.0	8.85	131.15	5,355.8	-584.4	656.6	879.0	0.43	-0.42	-0.61
5,536.0	9.23	135.74	5,449.6	-594.7	667.4	893.9	0.86	0.40	4.83
5,631.0	11.07	130.66	5,543.1	-606.1	679.7	910.6	2.15	1.94	-5.35
5,726.0	10.68	130.16	5,636.4	-617.7	693.3	928.5	0.42	-0.41	-0.53
5,821.0	11.65	128.00	5,729.6	-629.3	707.6	946.9	1.11	1.02	-2.27
5,916.0	8.85	129.72	5,823.1	-639.8	720.8	963.8	2.96	-2.95	1.81
6,011.0	8.88	133.17	5,917.0	-649.5	731.8	978.4	0.56	0.03	3.63
6,106.0	8.80	135.67	6,010.9	-659.7	742.2	993.0	0.41	-0.08	2.63
6,201.0	8.24	133.69	6,104.8	-669.6	752.2	1,007.1	0.67	-0.59	-2.08
6,296.0	7.76	134.70	6,198.9	-678.8	761.7	1,020.3	0.53	-0.51	1.06
6,377.0	6.26	136.42	6,279.3	-685.9	768.6	1,030.1	1.87	-1.85	2.12

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
S-33-8-16 TGT	0.00	0.00	5,300.0	-571.6	636.8	7,197,442.70	2,026,733.24	40° 4' 14.371 N	110° 7' 10.179 W
- hit/miss target									
- Shape									
- survey misses by 14.8ft at 5382.2ft MD (5297.7 TVD, -578.3 N, 649.7 E)									
- Circle (radius 75.0)									

Checked By: _____ Approved By: _____ Date: _____

NEWFIELD



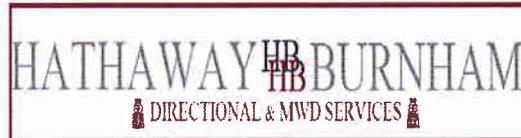
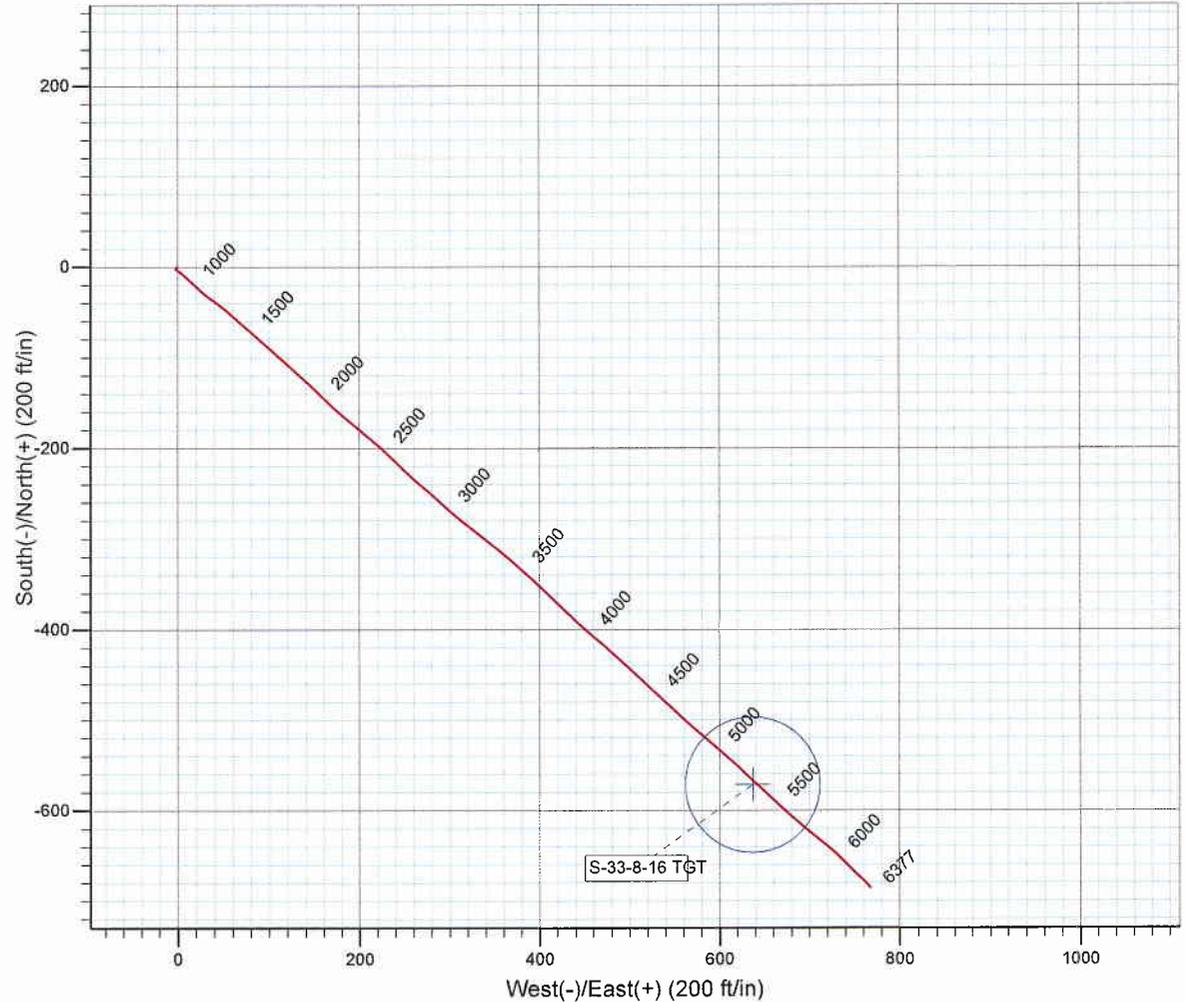
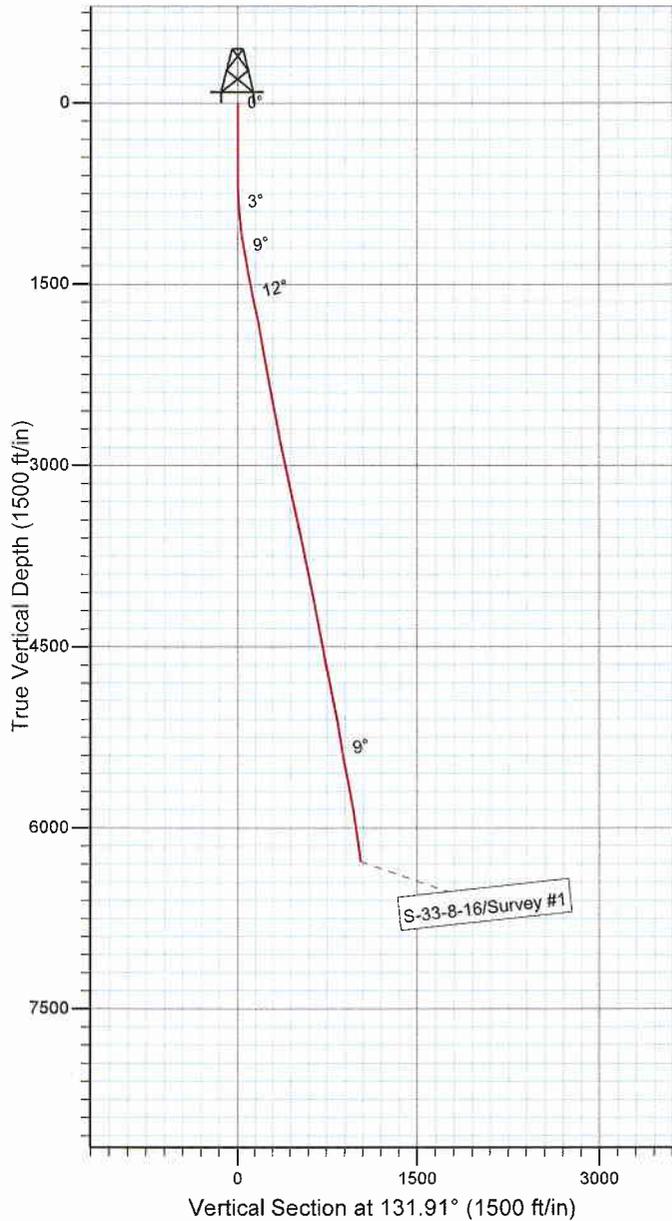
Project: USGS Myton SW (UT)
 Site: SECTION 33
 Well: S-33-8-16
 Wellbore: Wellbore #1
 SURVEY: Wellbore #1

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



Survey: Survey #1 (S-33-8-16/Wellbore #1)

Created By: *Tom Hudson* Date: 12:43, August 21 2009
 THIS SURVEY IS CORRECT TO THE BEST OF MY
 KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

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H   HEADER      INFORMATION -----
H   COMPANY    :      NEWFIELD  EXPLORATION
H   FIELD      :      USGS      Myton   SW      (UT)
H   SITE       :      SECTION      33
H   WELL       :      S-33-8-16
H   WELLPATH:  Wellbore  #1
H   DEPTHUNT:  ft
H   SURVDATE:      8/21/2009
H   DECLINATION CORR.
H   =          10.69 TO      GRIDH-----
H   WELL      INFORMATION
H   WELL      EW      MAP      :      2026088
H   WELL      NS      MAP      :      7198004
H   DATUM     ELEVN    :      5685
H   VSECT     ANGLE   :      131.91
H   VSECT     NORTH  :      0
H   VSECT     EAST   :      0

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H-----
H   SURVEY     TYPE      INFORMATION
H           449 -      6377 SURVEY #1      :      MWD
H-----

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H	SURVEY	LIST						
MD	INC	AZI	TVD	NS	EW	VS	DLS	
	0	0	0	0	0	0	0	0
	449	0.53	246.33	448.99	-0.83	-1.9	-0.86	0.12
	480	0.4	229.65	479.99	-0.96	-2.12	-0.93	0.6
	510	0.47	251.69	509.99	-1.07	-2.31	-1.01	0.6
	541	0.22	251.8	540.99	-1.13	-2.49	-1.1	0.81
	572	0.35	191.72	571.99	-1.24	-2.57	-1.08	0.99
	602	0.58	146.51	601.99	-1.45	-2.5	-0.89	1.39
	633	1.03	136.58	632.99	-1.79	-2.22	-0.46	1.51
	664	1.49	134.5	663.98	-2.27	-1.74	0.22	1.49
	694	1.88	130.21	693.97	-2.86	-1.09	1.1	1.37
	725	2.33	124.18	724.95	-3.55	-0.18	2.23	1.62
	756	2.68	120.16	755.92	-4.26	0.97	3.57	1.26
	786	2.92	119.76	785.88	-5	2.24	5	0.8
	817	3.52	124.27	816.83	-5.92	3.71	6.72	2.1
	847	3.91	131.67	846.77	-7.12	5.24	8.65	2.06
	878	4.2	134.11	877.69	-8.61	6.84	10.84	1.09
	909	4.72	133.94	908.6	-10.29	8.57	13.25	1.68
	941	5.16	134.88	940.48	-12.22	10.54	16.01	1.4
	973	5.87	135.1	972.33	-14.39	12.72	19.08	2.22
	1004	6.44	134.07	1003.15	-16.73	15.08	22.4	1.87
	1036	7.19	134.59	1034.92	-19.38	17.8	26.19	2.35
	1068	7.67	132.53	1066.66	-22.23	20.8	30.33	1.72
	1099	8.15	131.5	1097.36	-25.08	23.97	34.59	1.61
	1131	8.48	130.07	1129.02	-28.11	27.47	39.22	1.22

1162	8.96	127.89	1159.67	-31.06	31.13	43.91	1.88
1194	9.32	126.22	1191.26	-34.12	35.19	48.98	1.4
1226	9.69	126.55	1222.82	-37.26	39.44	54.24	1.17
1257	10.02	127.67	1253.36	-40.46	43.67	59.52	1.23
1289	10.24	129.32	1284.86	-43.96	48.07	65.14	1.14
1321	10.68	129.87	1316.33	-47.66	52.55	70.95	1.41
1352	11.03	130.22	1346.78	-51.42	57.02	76.78	1.15
1448	11.71	132.07	1440.89	-63.88	71.26	95.7	0.8
1543	11.93	131.56	1533.88	-76.85	85.77	115.16	0.26
1638	12.44	131.26	1626.74	-90.11	100.81	135.21	0.54
1733	12.39	132.44	1719.52	-103.74	116.02	155.63	0.27
1828	12.04	131.65	1812.37	-117.2	130.94	175.73	0.41
1923	11.43	134.18	1905.38	-130.35	145.1	195.05	0.84
2018	10.72	134.64	1998.61	-143.12	158.14	213.28	0.75
2113	10.7	131.76	2091.96	-155.2	171	230.92	0.56
2208	11.12	128.42	2185.24	-166.76	184.76	248.89	0.8
2304	10.24	129.98	2279.58	-178	198.55	266.66	0.96
2399	10.04	130.66	2373.09	-188.82	211.3	283.38	0.25
2494	11.21	130.55	2466.46	-200.22	224.6	300.89	1.23
2589	11.32	134.2	2559.63	-212.72	238.3	319.43	0.76
2684	10.26	134.75	2652.95	-225.18	251	337.2	1.12
2780	10.66	130.29	2747.36	-236.94	263.84	354.62	0.94
2874	11.82	130.4	2839.55	-248.8	277.8	372.93	1.23
2969	12.22	132.66	2932.47	-261.92	292.61	392.71	0.65
3064	12.24	130.62	3025.32	-275.29	307.65	412.83	0.46
3159	12.92	126.95	3118.04	-288.23	323.78	433.48	1.1
3255	12.5	128.44	3211.68	-301.14	340.49	454.54	0.55
3350	11.87	129.21	3304.54	-313.71	356.11	474.57	0.68
3445	12.02	129.54	3397.49	-326.19	371.31	494.21	0.17
3540	12.06	131.69	3490.4	-339.08	386.35	514.02	0.47
3635	12.11	134.22	3583.29	-352.63	400.91	533.9	0.56
3730	11.87	134.77	3676.22	-366.47	414.98	553.61	0.28
3825	11.36	133.43	3769.27	-379.78	428.71	572.73	0.61
3920	11.16	131.78	3862.44	-392.34	442.37	591.27	0.4
4014	12.08	130.55	3954.52	-404.79	456.62	610.2	1.01
4110	11.91	130.77	4048.42	-417.79	471.76	630.15	0.18
4204	11.84	132.6	4140.41	-430.65	486.2	649.49	0.41
4299	11.62	132.33	4233.43	-443.69	500.45	668.8	0.24
4395	10.99	132.11	4327.56	-456.34	514.39	687.62	0.66
4489	10.52	133.34	4419.91	-468.24	527.27	705.16	0.56
4585	10.22	134.49	4514.34	-480.22	539.72	722.43	0.38
4680	10.37	131.21	4607.81	-491.76	552.17	739.4	0.64
4775	10.63	131.15	4701.22	-503.16	565.2	756.71	0.27
4870	10.72	131.01	4794.58	-514.72	578.46	774.3	0.1
4965	11.56	131.01	4887.79	-526.77	592.31	792.66	0.88
5060	11.6	130.38	4980.86	-539.2	606.77	811.72	0.14
5155	11.23	132.33	5073.98	-551.62	620.89	830.52	0.56

5250	10	133.98	5167.35	-563.57	633.66	848.01	1.33
5346	9.25	131.72	5262	-574.5	645.42	864.06	0.87
5441	8.85	131.15	5355.81	-584.39	656.62	879	0.43
5536	9.23	135.74	5449.64	-594.65	667.44	893.91	0.86
5631	11.07	130.66	5543.15	-606.05	679.68	910.63	2.15
5726	10.68	130.16	5636.44	-617.67	693.32	928.55	0.42
5821	11.65	128	5729.64	-629.26	707.61	946.92	1.11
5916	8.85	129.72	5823.12	-639.83	720.79	963.79	2.96
6011	8.88	133.17	5916.98	-649.52	731.76	978.43	0.56
6106	8.8	135.67	6010.85	-659.73	742.19	993.01	0.41
6201	8.24	133.69	6104.81	-669.63	752.19	1007.06	0.67
6296	7.76	134.7	6198.88	-678.85	761.67	1020.28	0.53
6377	6.26	136.42	6279.27	-685.89	768.6	1030.14	1.87

NEWFIELD

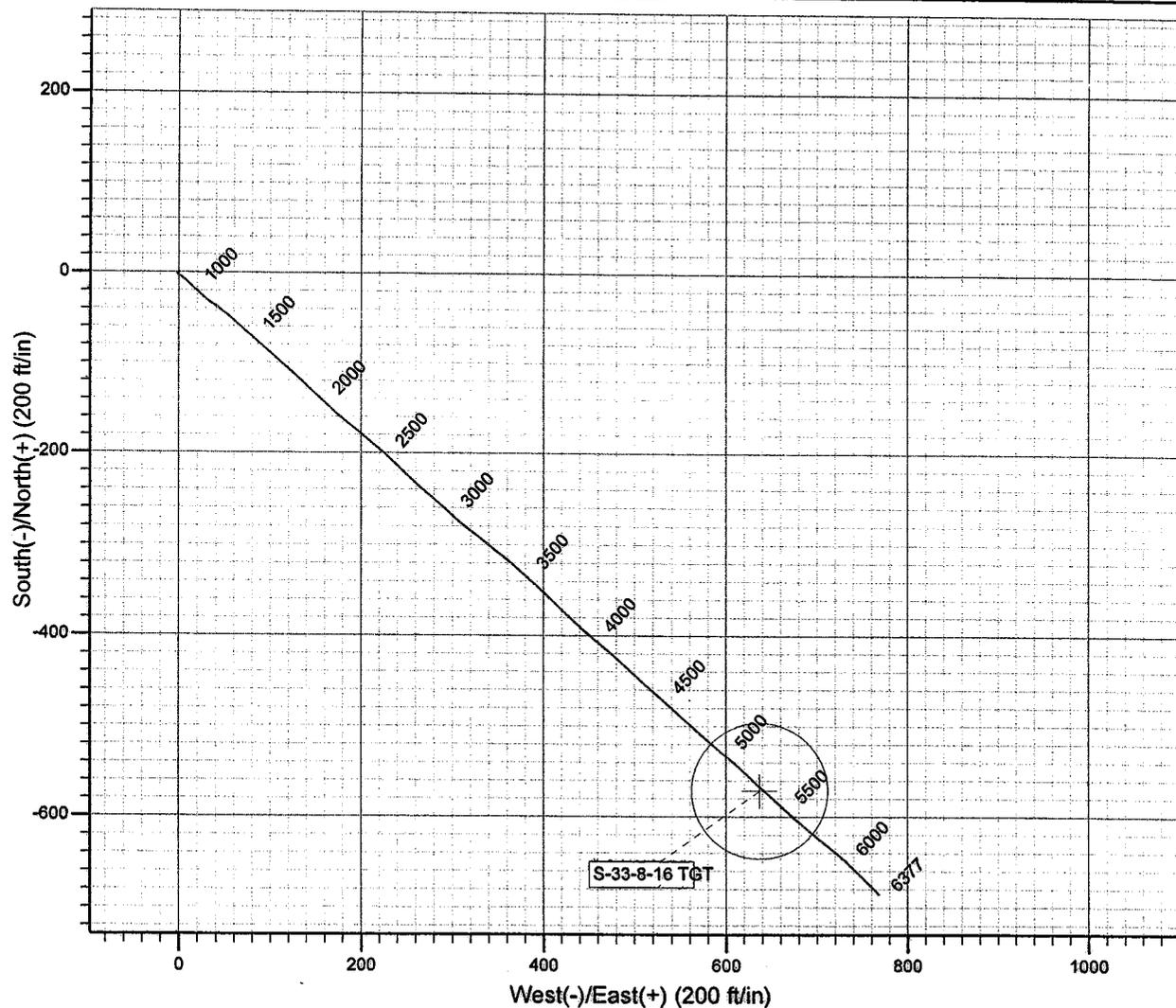
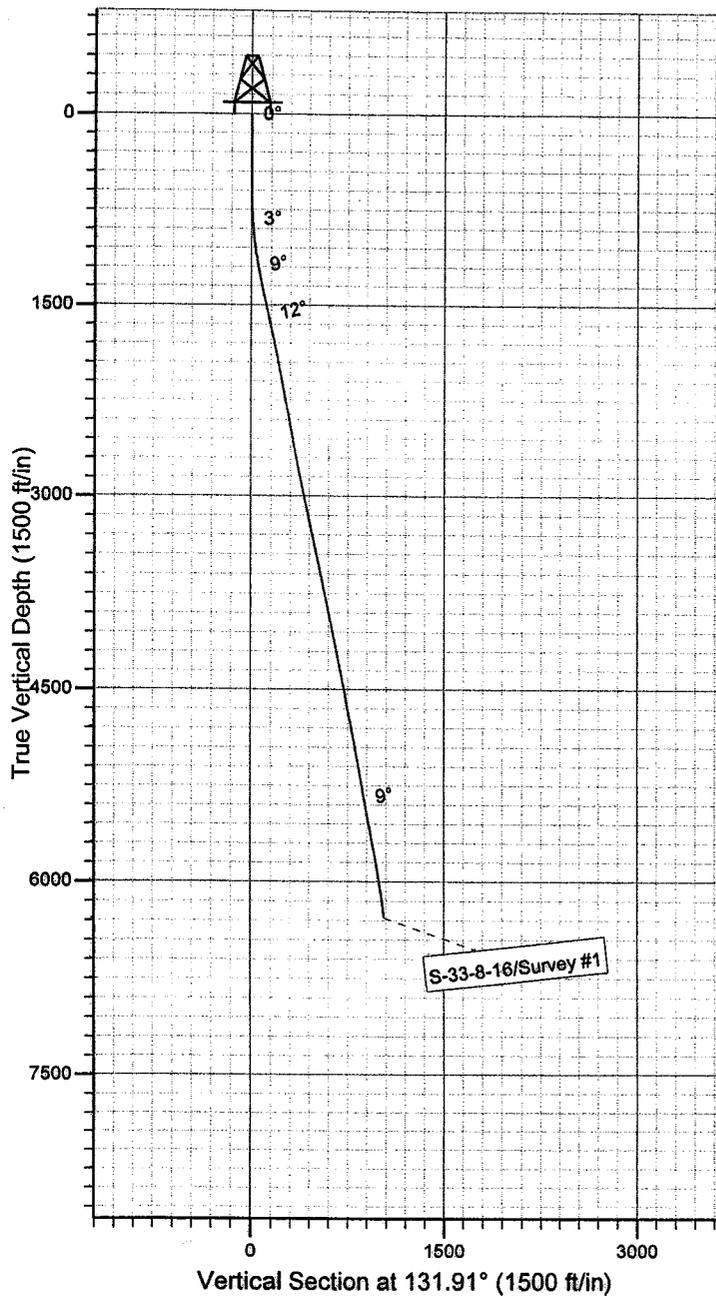
Project: USGS Myton SW (UT)
 Site: SECTION 33
 Well: S-33-8-16
 Wellbore: Wellbore #1
 SURVEY: Wellbore #1

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



HATHAWAY HUBBURNHAM
 DIRECTIONAL & MWD SERVICES

Survey: Survey #1 (S-33-8-16/Wellbore #1)

Created By: *Jim Hudson* Date: 12:43, August 21 2009
 THIS SURVEY IS CORRECT TO THE BEST OF MY
 KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.