

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-30096
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 F-4-9-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33517
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/NE 612' FNL 514' FEL Sec. 5, T9S R16E At proposed prod. zone NW/NW 1329' FNL 0' FWL Sec. 4, T9S R16E		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 13.3 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 5 T9S R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1311' f/lse, 2631' f/unit	16. No. of Acres in lease 602.24	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. 1215'	19. Proposed Depth 6400'	20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5725' GL	22. Approximate date work will start* 2nd Quarter 2007	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

surf

Federal Approval of this Action is Necessary

BHL

573769X
44351784
40.065518
-110.134991

573919X
44349624
40.06354
- 110.13325

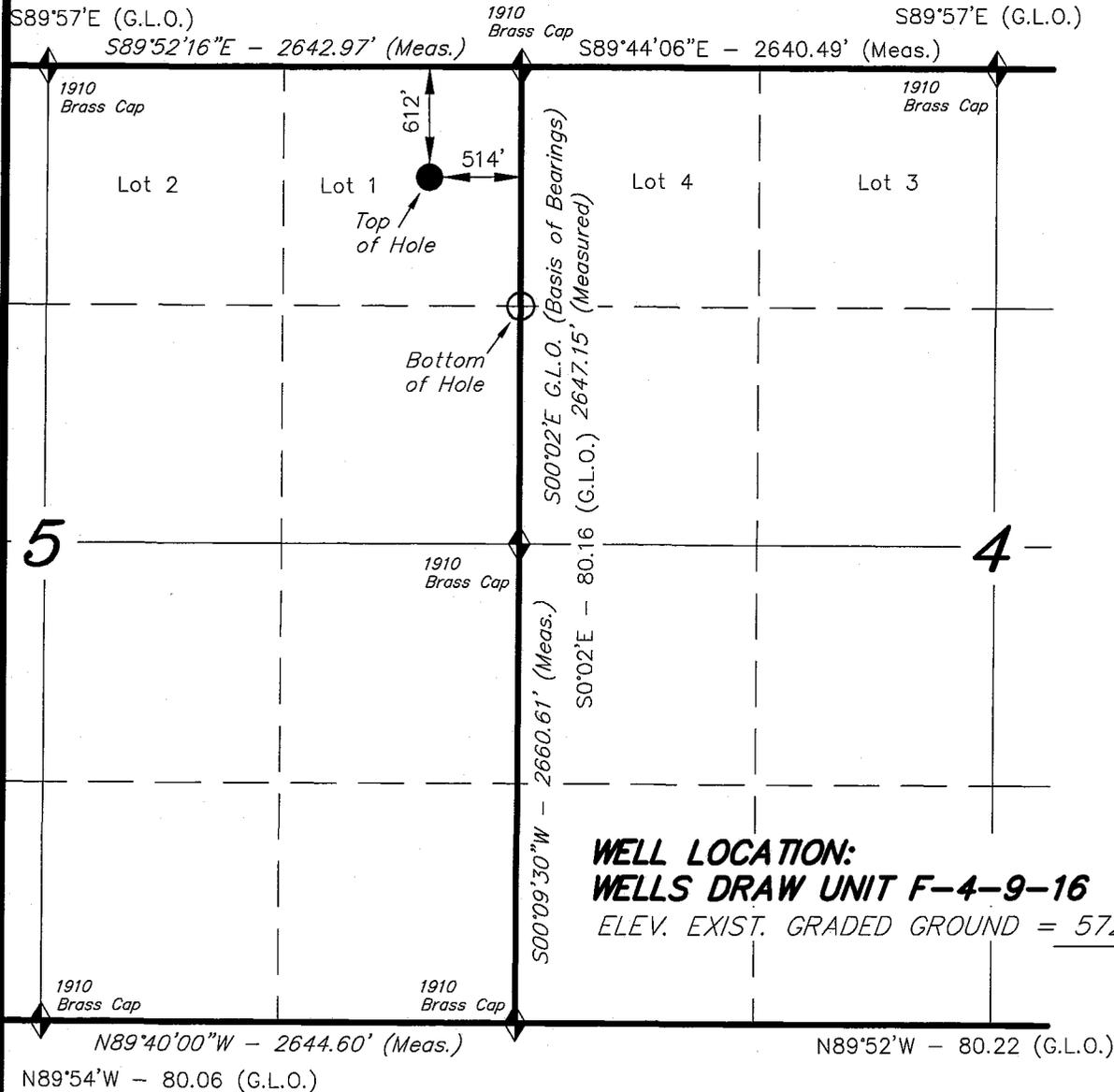
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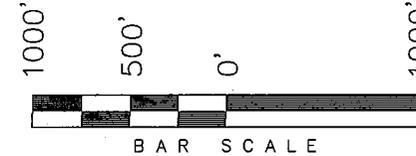
DIV. OF OIL, GAS & MINING

T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY



WELL LOCATION, WELLS DRAW UNIT F-4-9-16, LOCATED AS SHOWN IN THE NE 1/4 NE 1/4 OF SECTION 5, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

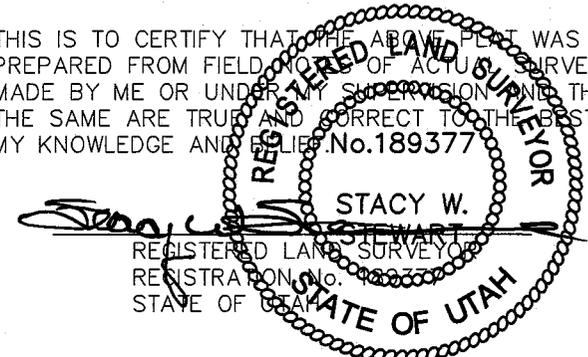


Note:

1. The bottom of hole (F-4-9-16 NW/NW) bears $S35^{\circ}35'23"E$ 883.21' from the Top of Hole.
2. The Bottom of Hole Footages are 1329' FNL & 0' FWL.



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



WELL LOCATION:
WELLS DRAW UNIT F-4-9-16
 ELEV. EXIST. GRADED GROUND = 5725'

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 11-19-06	SURVEYED BY: C.M.
DATE DRAWN: 11-20-06	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

WELLS DRAW UNIT F-4-9-16
 (Surface Location) NAD 83
 LATITUDE = $40^{\circ} 03' 55.83''$
 LONGITUDE = $110^{\circ} 08' 08.45''$

◆ = SECTION CORNERS LOCATED

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

NEWFIELD PRODUCTION COMPANY
WELLS DRAW FEDERAL #F-4-9-16
AT SURFACE: NE/NE SECTION 5, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2315'
Green River	2315'
Wasatch	6400'

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

Green River Formation 2315' – 6400' - 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 #F-4-9-16
AT SURFACE: NE/NE SECTION 5, T9S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Wells Draw Federal #F-4-9-16 located in the NE 1/4 NE 1/4 Section 5, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles ± to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 6.5 miles ± to its junction with an existing dirt road to the southwest; proceed southwesterly - 5.0 miles ± its junction with an existing road to the north; proceed northwesterly - 0.2 miles ± to the existing Federal 41-5G-9-16 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 41-5G-9-16 well pad. See attached Topographic Map "B".

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the Federal 41-5G-9-16 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Wells Draw Federal F-4-9-16. All permanent surface equipment will be painted Carlsbad Canyon.

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

6. SOURCE OF CONSTRUCTION MATERIALS

The proposed Wells Draw Federal F-4-9-16 will be drilled off of the existing Federal 41-5G-9-16 well pad. No additional surface disturbance will be required for this location.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

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

12. **OTHER ADDITIONAL INFORMATION**

Surface Flow Line

For all new wells, Newfield Exploration requests that a 30' Right of way be granted to allow for construction of up to a 14" bundled pipe. Refer to Topographic Map "D" for the proposed location of the proposed flow line. Flow lines will be tan and will be constructed using the following procedures:

Clearing and Grading: the proposed flow line will be placed on the surface of the ground. As such no grading or clearing will be needed. The flow line will be centered staked every 200 feet prior to the installation. The flow line will be as close to the access road as possible without interfering with the normal road travel, or road maintenance

Installation for portions along existing roads, lengths of pipe will be laid in the barrow ditch, welded together and moved into place. For lines that go cross-country minimal access will be needed only for maintenance purpose. It is in the best interest of Newfield Exploration to avoid wet and saturated ground that would cause ruts greater than 3 inches in depth. Disturbed areas will be reclaimed with in 120 days of the end of the installation.

Termination and final restoration: A notice of abandonment will be filed with the BLM for final recommendations regarding surface reclamation. After abandonment the flow line will be removed, and any surface disturbance will be reclaimed according to the standards and specifics set by the BLM.

Water Disposal

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

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

Threatened, Endangered, And Other Sensitive Species

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

Reserve Pit Liner

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

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

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

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

Details of the On-Site Inspection

The proposed Wells Draw Federal #F-4-9-16 was on-sited on 12/8/06. The following were present; Dave Allred (Newfeild Production), Kim Kettle (Newfeild Production), Chuck MacDonald (Bureau of Land Management), and Brandon McDonald (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

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

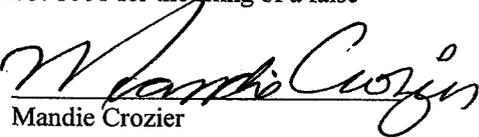
Name: Dave Allred
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #F-4-9-16 Section 5, Township 9S, Range 16E: Lease UTU-30096 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

1/18/07
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company



Scientific Drilling
Rocky Mountain Operations

Project: Duchesne County, UT
Site: Wells Draw Unit F-4-9-16
Well: Wells Draw Unit F-4-9-16
Wellbore: OH
Design: Plan #1

Newfield Exploration Co.

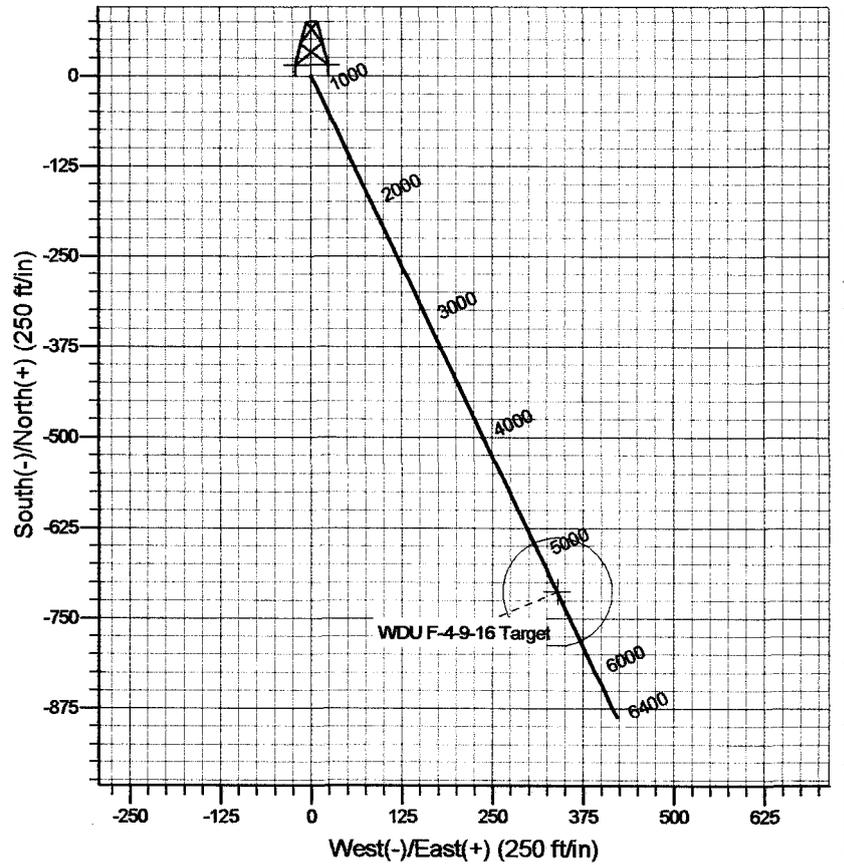
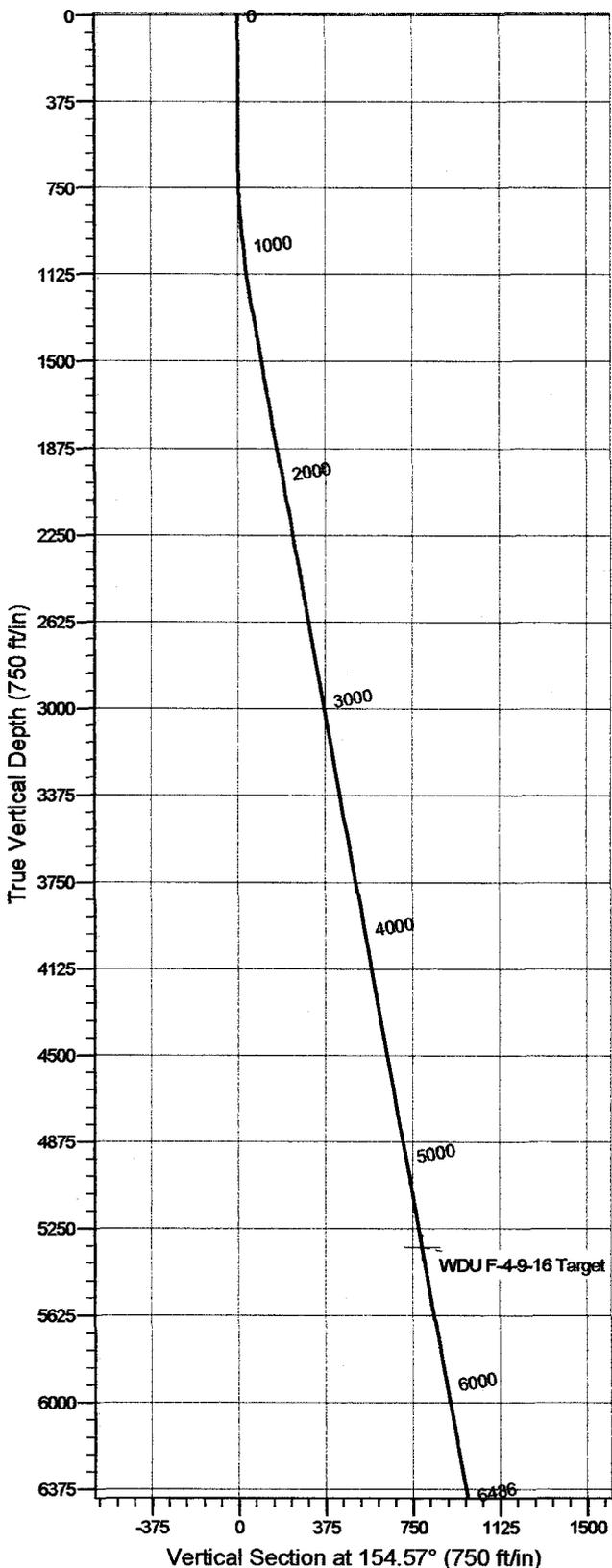


Azimuths to True North
Magnetic North: 11.91°

Magnetic Field
Strength: 52731.8nT
Dip Angle: 65.91°
Date: 2006-12-18
Model: IGRF2005-10

WELL DETAILS: Wells Draw Unit F-4-9-16

GL 5725' & RKB 12' @ 5737.00ft 5725.00
+N/-S 0.00 +E/-W 0.00
Northing 7195511.73 Easting 2022236.69 Latitude 40° 3' 55.830 N Longitude 110° 8' 8.450 W



FORMATION TOP DETAILS		Plan: Plan #1 (Wells Draw Unit F-4-9-16/OH)	
Formation data is available		Created By: Julie Cruse Date: 2006-12-18	
PROJECT DETAILS: Duchesne County, UT			
Geodetic System: US State Plane 1983 Datum: North American Datum 1983 Ellipsoid: GRS 1980 Zone: Utah Central Zone			
System Datum: Mean Sea Level Local North: No north reference data is available			

SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
3	1279.78	10.20	154.57	1276.20	-54.49	25.91	1.50	154.57	60.33	
	6398.64	10.20	154.57	5330.00	-713.00	339.00	0.00	0.00	789.48	WDU F-4-9-16 Target
	6485.81	10.20	154.57	6400.00	-886.81	421.64	0.00	0.00	981.94	

Newfield Exploration Co.

Duchesne County, UT

Wells Draw Unit F-4-9-16

Wells Draw Unit F-4-9-16

OH

Plan: Plan #1

Standard Planning Report

18 December, 2006

Scientific Drilling Planning Report

Database: EDM 2003.14.1.0 Single User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT
Site: Wells Draw Unit F-4-9-16
Well: Wells Draw Unit F-4-9-16
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Wells Draw Unit F-4-9-16
TVD Reference: GL 5725' & RKB 12' @ 5737.00ft
MD Reference: GL 5725' & RKB 12' @ 5737.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

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

Site	Wells Draw Unit F-4-9-16, Sec 5 T9S R16E				
Site Position:		Northing:	7,195,511.74ft	Latitude:	40° 3' 55.830 N
From:	Lat/Long	Easting:	2,022,236.69ft	Longitude:	110° 8' 8.450 W
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence:	0.87 °

Well	Wells Draw Unit F-4-9-16, 612' FNL, 514' FEL					
Well Position	+N-S	0.00 ft	Northing:	7,195,511.73 ft	Latitude:	40° 3' 55.830 N
	+E-W	0.00 ft	Easting:	2,022,236.69 ft	Longitude:	110° 8' 8.450 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,725.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2006-12-18	11.91	65.91	52,732

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 (°)	
	5,330.00	0.00	0.00	154.57	

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	
1,279.78	10.20	154.57	1,276.20	-54.49	25.91	1.50	1.50	0.00	154.57	
5,398.64	10.20	154.57	5,330.00	-713.00	339.00	0.00	0.00	0.00	0.00	WDU F-4-9-16 Target
6,485.81	10.20	154.57	6,400.00	-886.81	421.64	0.00	0.00	0.00	0.00	

Scientific Drilling Planning Report

Database: EDM 2003.14.1.0 Single User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT
Site: Wells Draw Unit F-4-9-16
Well: Wells Draw Unit F-4-9-16
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Wells Draw Unit F-4-9-16
TVD Reference: GL 5725' & RKB 12' @ 5737.00ft
MD Reference: GL 5725' & RKB 12' @ 5737.00ft
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	154.57	699.99	-1.19	0.56	1.31	1.50	1.50	0.00
800.00	3.00	154.57	799.91	-4.73	2.25	5.23	1.50	1.50	0.00
900.00	4.50	154.57	899.69	-10.64	5.06	11.77	1.50	1.50	0.00
1,000.00	6.00	154.57	999.27	-18.90	8.99	20.92	1.50	1.50	0.00
1,100.00	7.50	154.57	1,098.57	-29.52	14.03	32.68	1.50	1.50	0.00
1,200.00	9.00	154.57	1,197.54	-42.48	20.19	47.03	1.50	1.50	0.00
1,279.78	10.20	154.57	1,276.20	-54.49	25.91	60.33	1.50	1.50	0.00
1,300.00	10.20	154.57	1,296.10	-57.72	27.44	63.91	0.00	0.00	0.00
1,400.00	10.20	154.57	1,394.52	-73.71	35.04	81.61	0.00	0.00	0.00
1,500.00	10.20	154.57	1,492.94	-89.70	42.65	99.31	0.00	0.00	0.00
1,600.00	10.20	154.57	1,591.36	-105.68	50.25	117.02	0.00	0.00	0.00
1,700.00	10.20	154.57	1,689.78	-121.67	57.85	134.72	0.00	0.00	0.00
1,800.00	10.20	154.57	1,788.20	-137.66	65.45	152.42	0.00	0.00	0.00
1,900.00	10.20	154.57	1,886.62	-153.65	73.05	170.13	0.00	0.00	0.00
2,000.00	10.20	154.57	1,985.04	-169.64	80.65	187.83	0.00	0.00	0.00
2,100.00	10.20	154.57	2,083.46	-185.62	88.25	205.53	0.00	0.00	0.00
2,200.00	10.20	154.57	2,181.88	-201.61	95.86	223.23	0.00	0.00	0.00
2,300.00	10.20	154.57	2,280.30	-217.60	103.46	240.94	0.00	0.00	0.00
2,400.00	10.20	154.57	2,378.72	-233.59	111.06	258.64	0.00	0.00	0.00
2,500.00	10.20	154.57	2,477.14	-249.57	118.66	276.34	0.00	0.00	0.00
2,600.00	10.20	154.57	2,575.57	-265.56	126.26	294.05	0.00	0.00	0.00
2,700.00	10.20	154.57	2,673.99	-281.55	133.86	311.75	0.00	0.00	0.00
2,800.00	10.20	154.57	2,772.41	-297.54	141.46	329.45	0.00	0.00	0.00
2,900.00	10.20	154.57	2,870.83	-313.52	149.07	347.15	0.00	0.00	0.00
3,000.00	10.20	154.57	2,969.25	-329.51	156.67	364.86	0.00	0.00	0.00
3,100.00	10.20	154.57	3,067.67	-345.50	164.27	382.56	0.00	0.00	0.00
3,200.00	10.20	154.57	3,166.09	-361.49	171.87	400.26	0.00	0.00	0.00
3,300.00	10.20	154.57	3,264.51	-377.48	179.47	417.97	0.00	0.00	0.00
3,400.00	10.20	154.57	3,362.93	-393.46	187.07	435.67	0.00	0.00	0.00
3,500.00	10.20	154.57	3,461.35	-409.45	194.68	453.37	0.00	0.00	0.00
3,600.00	10.20	154.57	3,559.77	-425.44	202.28	471.07	0.00	0.00	0.00
3,700.00	10.20	154.57	3,658.19	-441.43	209.88	488.78	0.00	0.00	0.00
3,800.00	10.20	154.57	3,756.61	-457.41	217.48	506.48	0.00	0.00	0.00
3,900.00	10.20	154.57	3,855.03	-473.40	225.08	524.18	0.00	0.00	0.00
4,000.00	10.20	154.57	3,953.45	-489.39	232.68	541.89	0.00	0.00	0.00
4,100.00	10.20	154.57	4,051.87	-505.38	240.28	559.59	0.00	0.00	0.00
4,200.00	10.20	154.57	4,150.29	-521.37	247.89	577.29	0.00	0.00	0.00
4,300.00	10.20	154.57	4,248.72	-537.35	255.49	594.99	0.00	0.00	0.00
4,400.00	10.20	154.57	4,347.14	-553.34	263.09	612.70	0.00	0.00	0.00
4,500.00	10.20	154.57	4,445.56	-569.33	270.69	630.40	0.00	0.00	0.00
4,600.00	10.20	154.57	4,543.98	-585.32	278.29	648.10	0.00	0.00	0.00
4,700.00	10.20	154.57	4,642.40	-601.30	285.89	665.80	0.00	0.00	0.00
4,800.00	10.20	154.57	4,740.82	-617.29	293.49	683.51	0.00	0.00	0.00
4,900.00	10.20	154.57	4,839.24	-633.28	301.10	701.21	0.00	0.00	0.00
5,000.00	10.20	154.57	4,937.66	-649.27	308.70	718.91	0.00	0.00	0.00
5,100.00	10.20	154.57	5,036.08	-665.25	316.30	736.62	0.00	0.00	0.00
5,200.00	10.20	154.57	5,134.50	-681.24	323.90	754.32	0.00	0.00	0.00

Scientific Drilling Planning Report

Database: EDM 2003.14.1.0 Single User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT
Site: Wells Draw Unit F-4-9-16
Well: Wells Draw Unit F-4-9-16
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Wells Draw Unit F-4-9-16
TVD Reference: GL 5725' & RKB 12' @ 5737.00ft
MD Reference: GL 5725' & RKB 12' @ 5737.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
5,300.00	10.20	154.57	5,232.92	-697.23	331.50	772.02	0.00	0.00	0.00	
5,398.64	10.20	154.57	5,330.00	-713.00	339.00	789.48	0.00	0.00	0.00	
WDU F-4-9-16 Target										
5,400.00	10.20	154.57	5,331.34	-713.22	339.10	789.72	0.00	0.00	0.00	
5,500.00	10.20	154.57	5,429.76	-729.21	346.71	807.43	0.00	0.00	0.00	
5,600.00	10.20	154.57	5,528.18	-745.19	354.31	825.13	0.00	0.00	0.00	
5,700.00	10.20	154.57	5,626.60	-761.18	361.91	842.83	0.00	0.00	0.00	
5,800.00	10.20	154.57	5,725.02	-777.17	369.51	860.54	0.00	0.00	0.00	
5,900.00	10.20	154.57	5,823.44	-793.16	377.11	878.24	0.00	0.00	0.00	
6,000.00	10.20	154.57	5,921.87	-809.14	384.71	895.94	0.00	0.00	0.00	
6,100.00	10.20	154.57	6,020.29	-825.13	392.31	913.64	0.00	0.00	0.00	
6,200.00	10.20	154.57	6,118.71	-841.12	399.92	931.35	0.00	0.00	0.00	
6,300.00	10.20	154.57	6,217.13	-857.11	407.52	949.05	0.00	0.00	0.00	
6,400.00	10.20	154.57	6,315.55	-873.10	415.12	966.75	0.00	0.00	0.00	
6,485.81	10.20	154.57	6,400.00	-886.81	421.64	981.94	0.00	0.00	0.00	

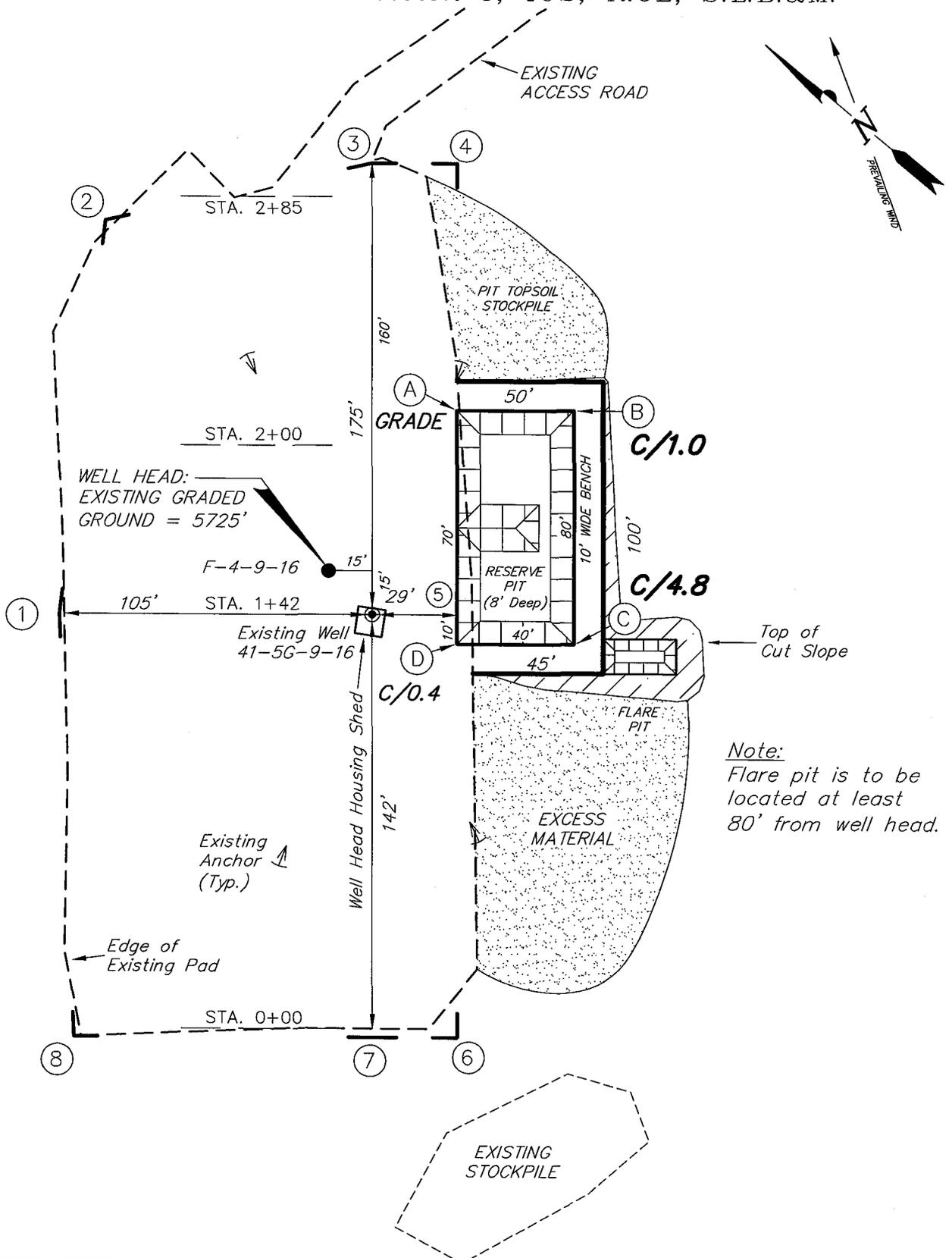
Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N-S (ft)	+E-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude	
WDU F-4-9-16 Target	0.00	0.00	5,330.00	-713.00	339.00	7,194,803.99	2,022,586.52	40° 3' 48.783 N	110° 8' 4.090 W	
- hit/miss target										
- Shape										
- plan hits target										
- Circle (radius 75.00)										

NEWFIELD PRODUCTION COMPANY

WELLS DRAW UNIT F-4-9-16 (Proposed Well)

WELLS DRAW UNIT 41-5G-9-16 (Existing Well)

Pad Location: NENE Section 5, T9S, R16E, S.L.B.&M.



SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 11-20-06

Tri State
Land Surveying, Inc.

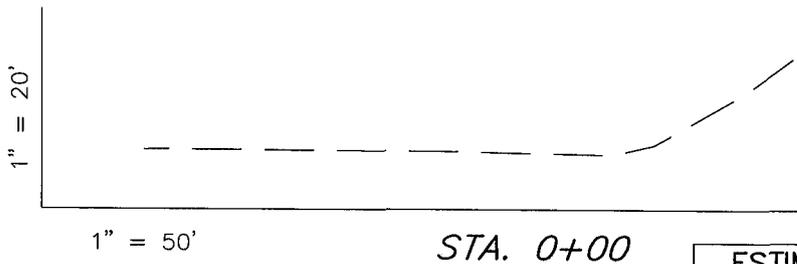
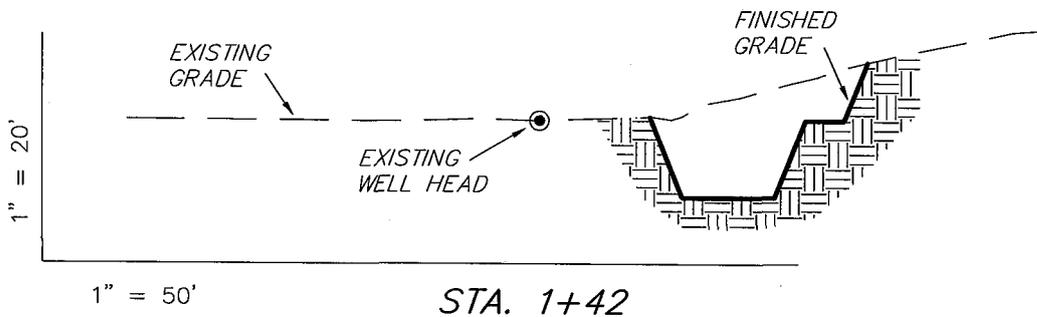
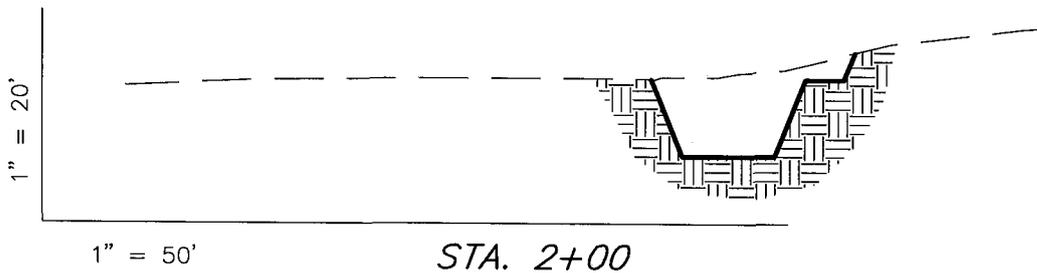
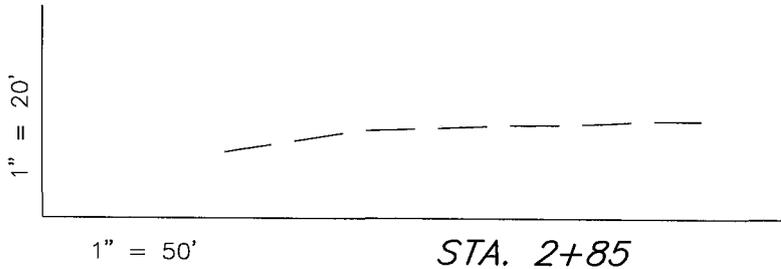
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

WELLS DRAW UNIT F-4-9-16 (Proposed Well)
 WELLS DRAW UNIT 41-5G-9-16 (Existing Well)



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

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	530	0	Topsoil is not included in Pad Cut	530
PIT	640	0		640
TOTALS	1,170	0	140	1,170

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

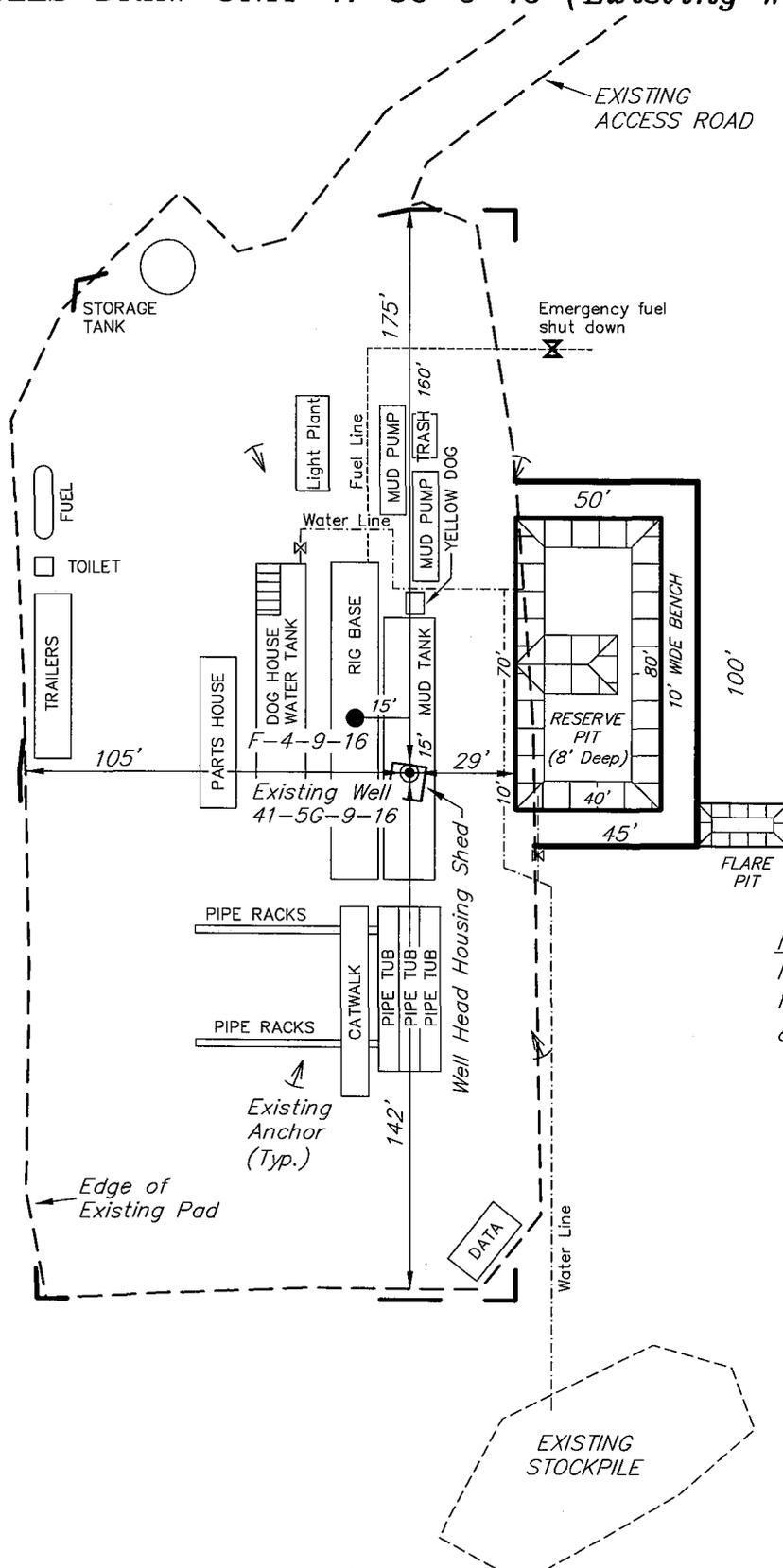
DATE: 11-20-06

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

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

WELLS DRAW UNIT F-4-9-16 (Proposed Well)
 WELLS DRAW UNIT 41-5G-9-16 (Existing Well)



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

REVISED:

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 11-20-06

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

Newfield Production Company Proposed Site Facility Diagram

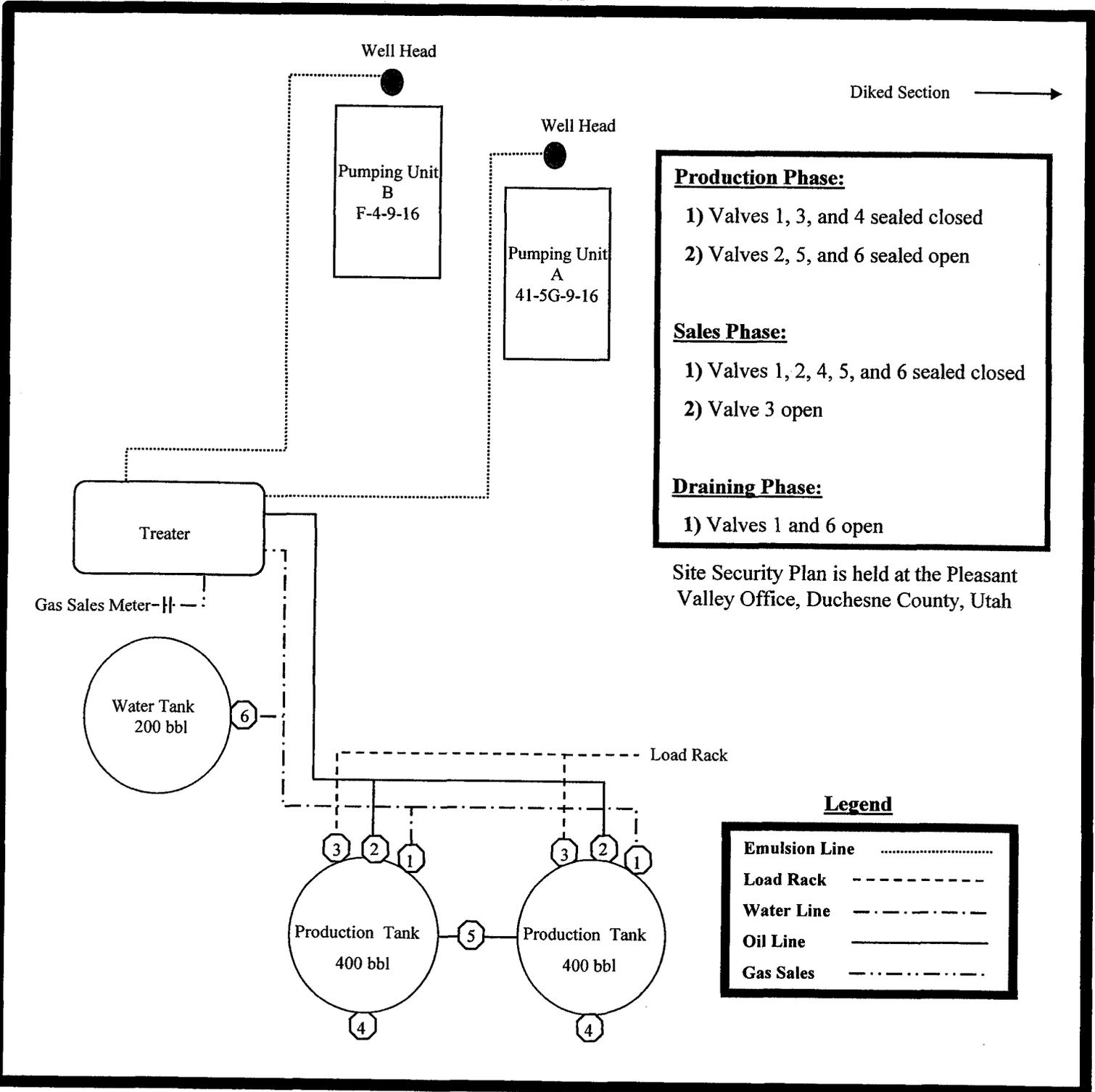
Wells Draw Federal F-4-9-16

From the 41-5G-9-16 Location

NE/NE Sec. 5 T9S, 16E

Duchesne County, Utah

UTU-30096

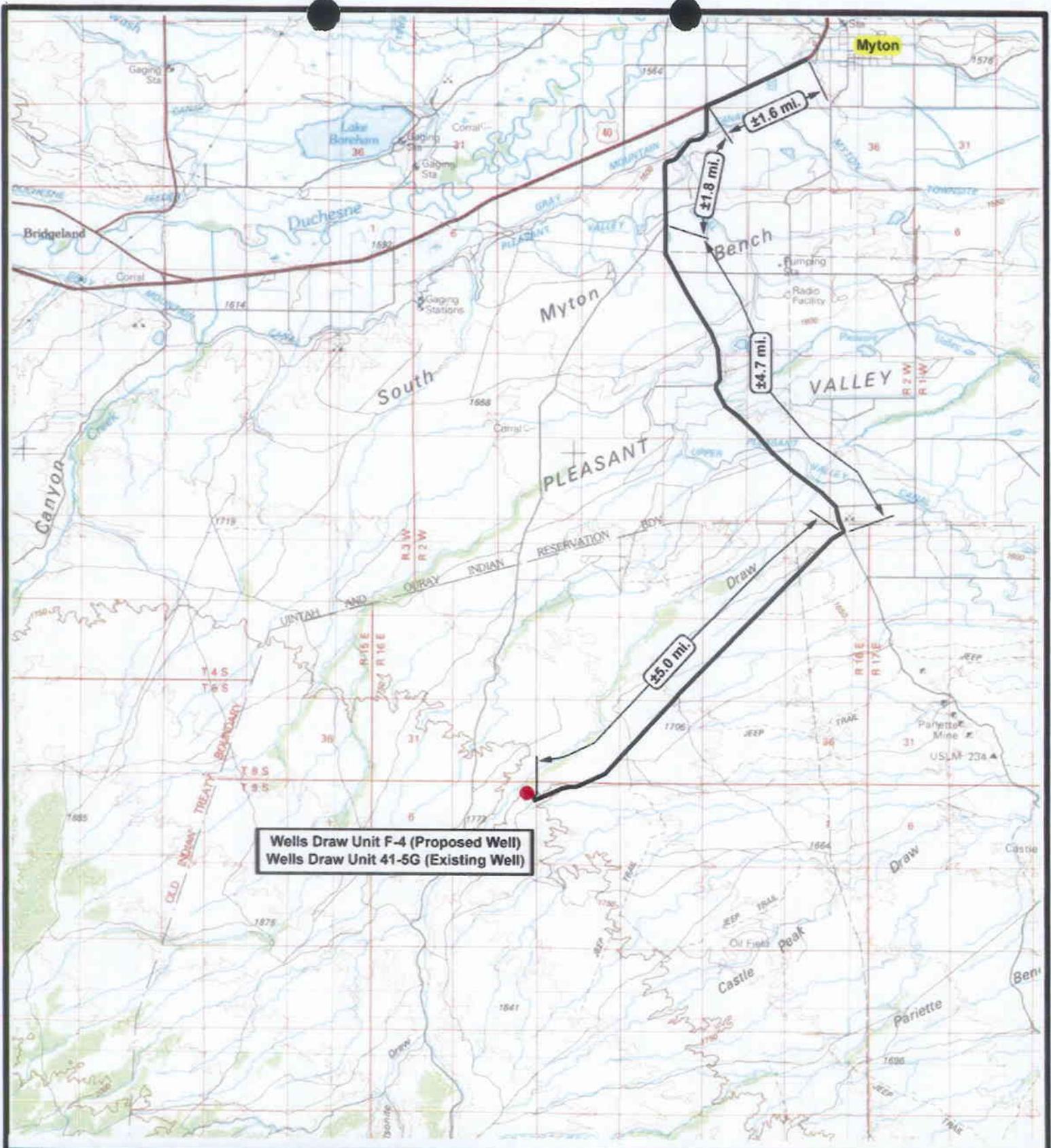


- Production Phase:**
- 1) Valves 1, 3, and 4 sealed closed
 - 2) Valves 2, 5, and 6 sealed open
- Sales Phase:**
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
 - 2) Valve 3 open
- Draining Phase:**
- 1) Valves 1 and 6 open

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

Legend

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



Wells Draw Unit F-4 (Proposed Well)
 Wells Draw Unit 41-5G (Existing Well)



NEWFIELD
 Exploration Company

Well Draw Unit F-4-9-16 (Proposed Well)
Well Draw Unit 41-5G-9-16 (Existing Well)
 Pad Location: NENE SEC. 5, T9S, R18E, S.L.B.&M.



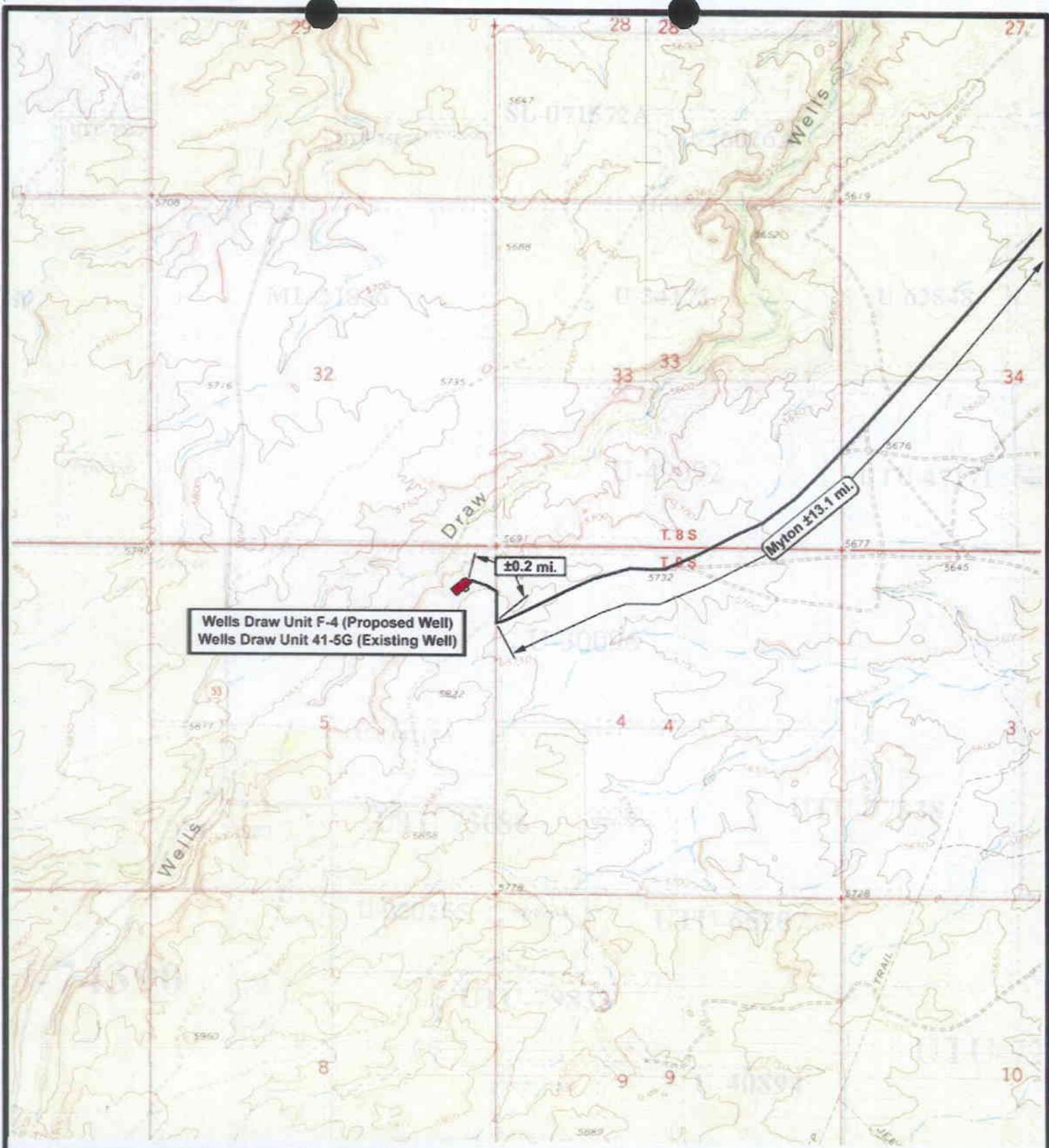
Tri-State
 Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
 DRAWN BY: mw
 DATE: 11-20-2006

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP
"A"



Wells Draw Unit F-4 (Proposed Well)
 Wells Draw Unit 41-5G (Existing Well)

Mylon ±13.1 mi.

±0.2 mi.



NEWFIELD
 Exploration Company

Well Draw Unit F-4-9-16 (Proposed Well)
Well Draw Unit 41-5G-9-16 (Existing Well)
 Pad Location: NENE SEC. 5, T9S, R18E, S.L.B.&M.




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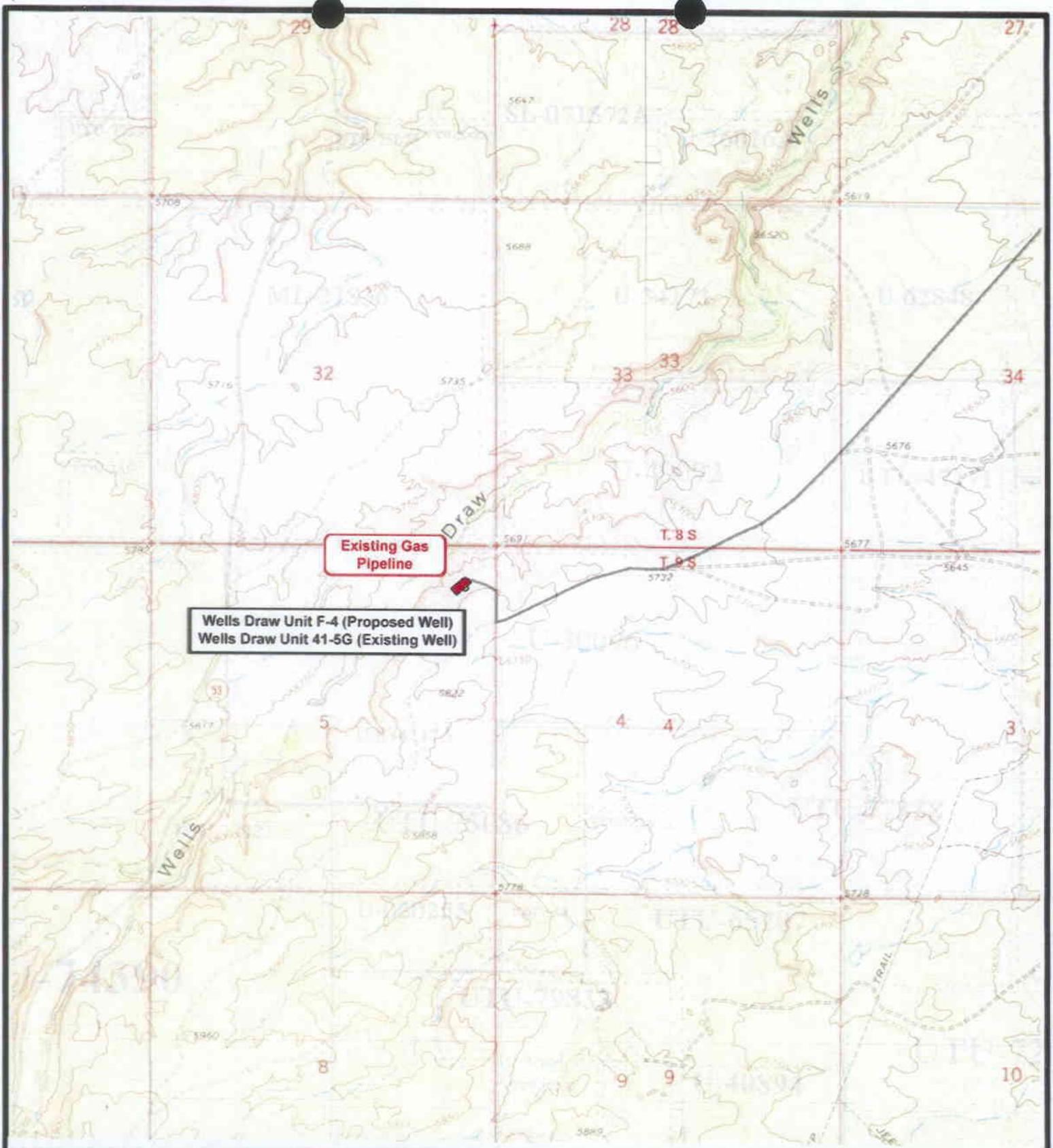
SCALE: 1" = 2000'
 DRAWN BY: mw
 DATE: 11-20-2006

Legend

Existing Road

TOPOGRAPHIC MAP

"B"



Existing Gas Pipeline

Wells Draw Unit F-4 (Proposed Well)
Wells Draw Unit 41-5G (Existing Well)



Well Draw Unit F-4-9-16 (Proposed Well)
Well Draw Unit 41-5G-9-16 (Existing Well)
Pad Location: NENE SEC. 5, T9S, R18E, S.L.B.&M.



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(435) 781-2501
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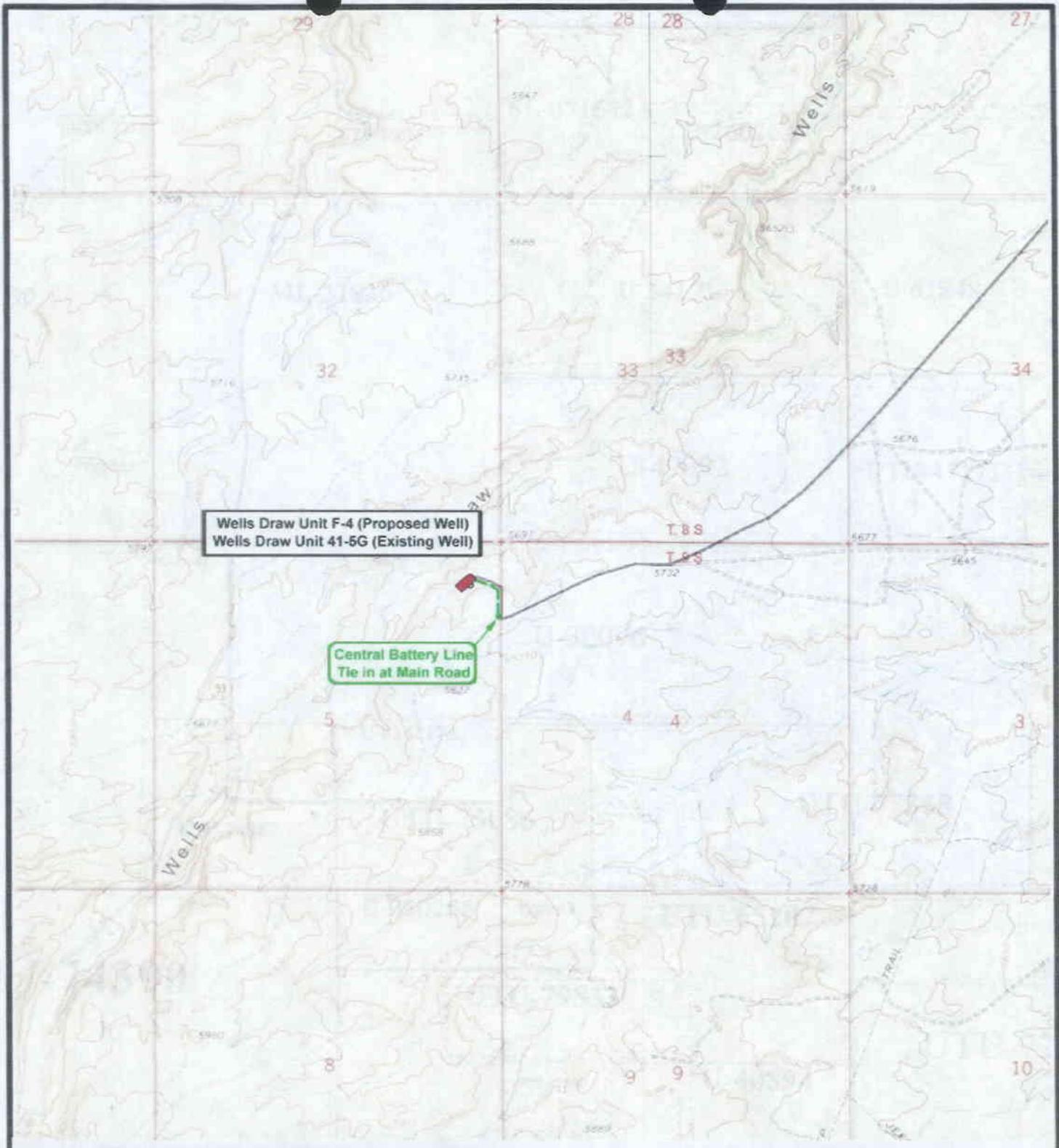
SCALE: 1" = 2000'
DRAWN BY: mw
DATE: 11-20-2006

Legend

— Roads

TOPOGRAPHIC MAP

"C"



Wells Draw Unit F-4 (Proposed Well)
 Wells Draw Unit 41-5G (Existing Well)

Central Battery Line
 Tie in at Main Road



NEWFIELD
 Exploration Company

Well Draw Unit F-4-9-16 (Proposed Well)
Well Draw Unit 41-5G-9-16 (Existing Well)
 Pad Location: NENE SEC. 5, T9S, R18E, S.L.B.&M.




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

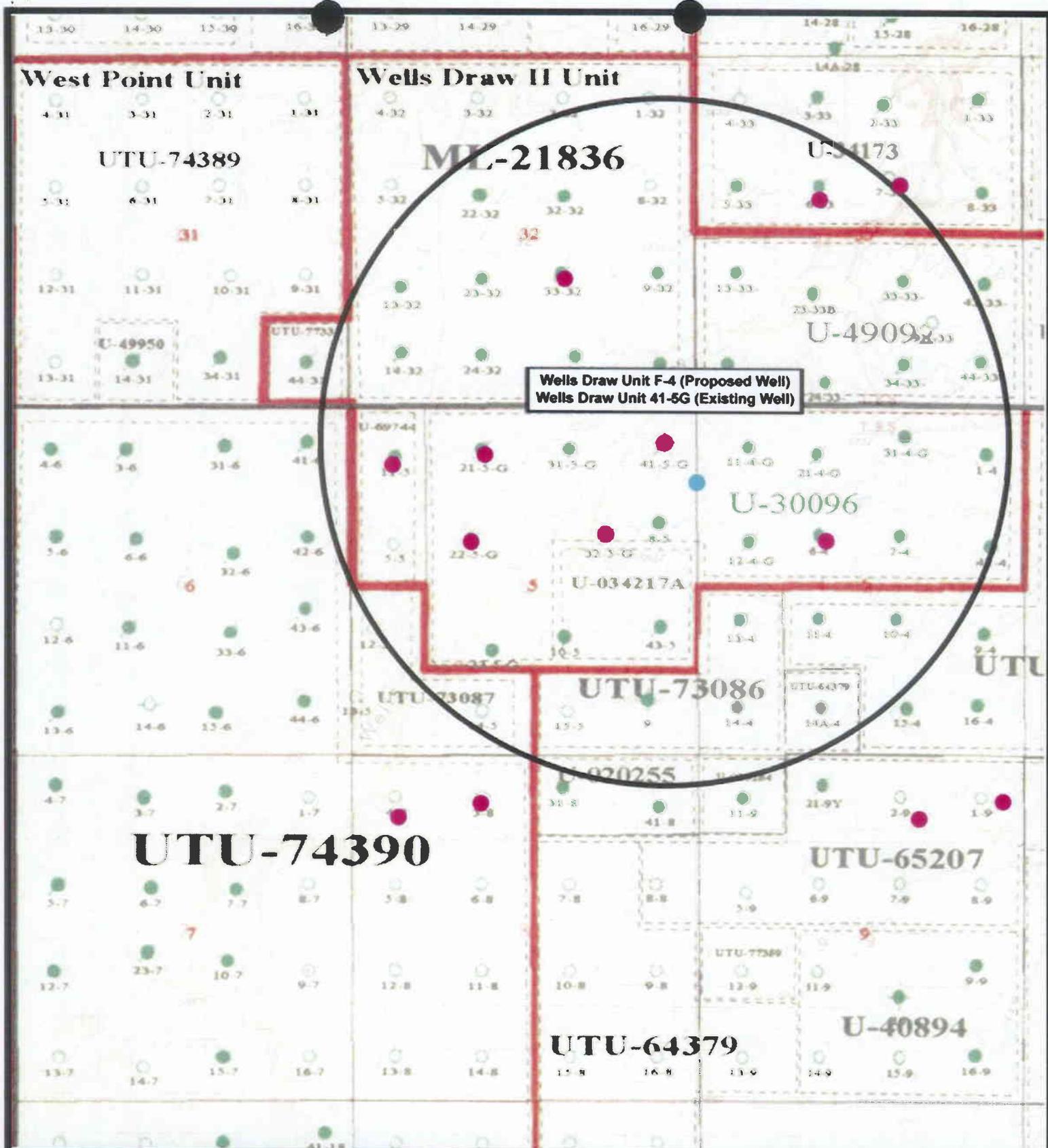
SCALE: 1" = 2000'
 DRAWN BY: mw
 DATE: 01-16-2007

Legend

-  Roads
-  Proposed Flow Line Bundle

TOPOGRAPHIC MAP

"D"



Wells Draw Unit F-4 (Proposed Well)
 Wells Draw Unit 41-5G (Existing Well)

NEWFIELD
Exploration Company

Well Draw Unit F-4-9-16 (Proposed Well)
Well Draw Unit 41-5G-9-16 (Existing Well)
 Pad Location: NENE SEC. 5, T9S, R18E, 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: mww
 DATE: 11-20-2006

Legend

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

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

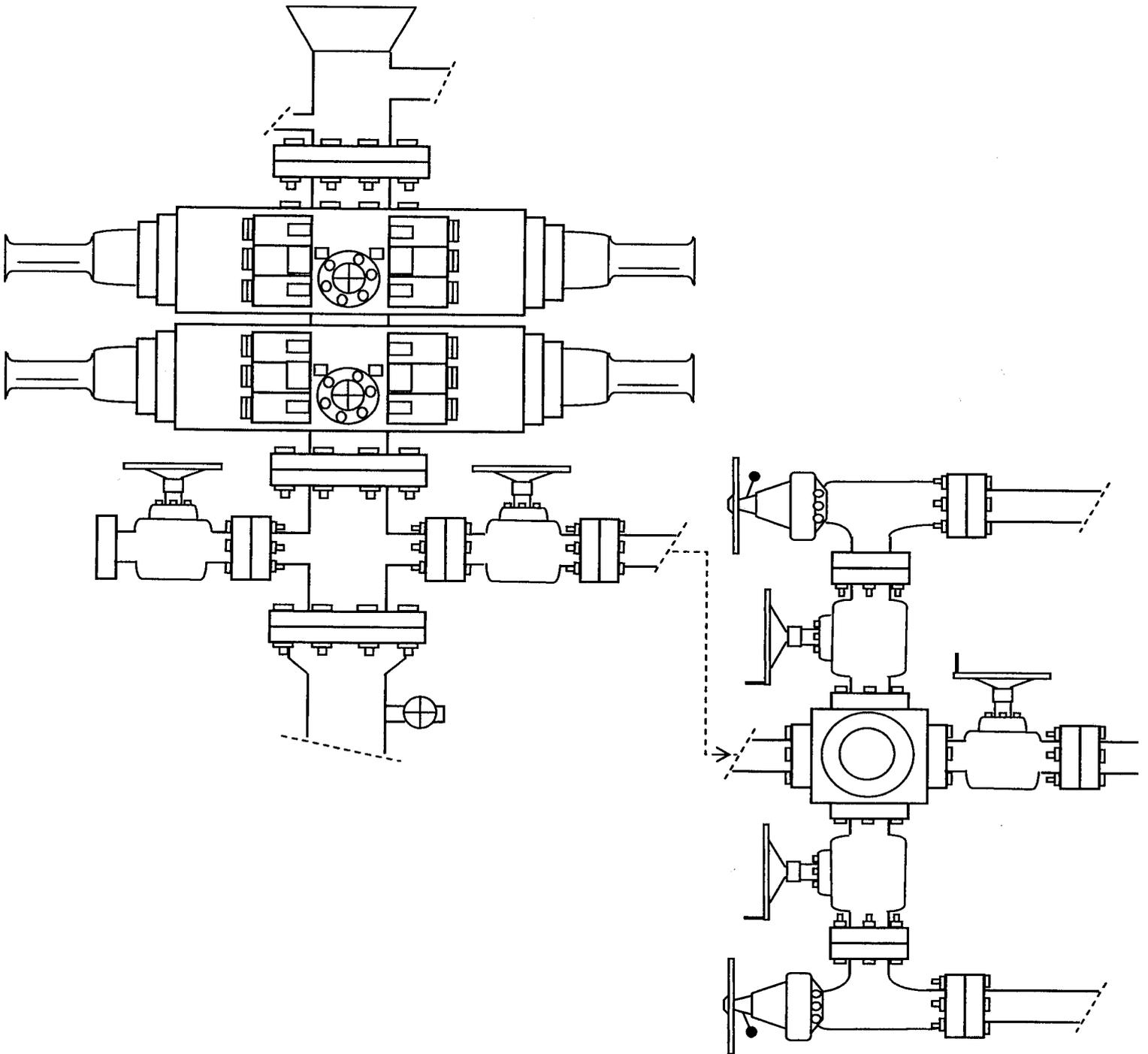


EXHIBIT C

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 01/22/2007

API NO. ASSIGNED: 43-013-33517

WELL NAME: W DRAW FED F-4-9-16
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

Sec 4

NENE 05 090S 160E
 SURFACE: 0612 FNL 0514 FEL
 BOTTOM: 1329 FNL 0000 FWL
 COUNTY: DUCHESNE
 LATITUDE: 40.06553 LONGITUDE: -110.1350
 UTM SURF EASTINGS: 573769 NORTHINGS: 4435178
 FIELD NAME: MONUMENT BUTTE (105)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-30096
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

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

LOCATION AND SITING:

- R649-2-3.
- Unit: WELLS DRAW (GREEN RIVER)
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 231-3
Eff Date: 3-24-1999
Siting: Suspends General Siting
- R649-3-11. Directional Drill

COMMENTS: SOP, Separate file

STIPULATIONS: 1- Federal Approval

NEWFIELD



ROCKY MOUNTAINS

January 18, 2007

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

Re: Directional Drilling R649-3-11
Wells Draw Unit UTU-72613A
Various Wells & Locations (See Attached)
Duchesne County, Utah

Dear Ms.Mason:

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

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

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

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

Sincerely,

Newfield Production Company

A handwritten signature in cursive script that reads 'Rhonda Deimer'.

Rhonda Deimer
Land Associate

RECEIVED

JAN 24 2007

Enclosures

DIV. OF OIL, GAS & MINING

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

Wells Draw Federal X-33-8-16

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

Wells Draw Federal F-4-9-16

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

Wells Draw Federal G-4-9-16

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

Wells Draw Federal G-5-9-16

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

Wells Draw Federal H-5-9-16

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

Wells Draw Federal I-5-9-16

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

RECEIVED

JAN 24 2007

DIV. OF OIL, GAS & MINING

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

January 29, 2007

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2007 Plan of Development Wells Draw Unit, Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2007 within the Wells Draw Unit, Duchesne County, Utah.

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

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

/s/ Michael L. Coulthard



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

January 29, 2007

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

Re: Wells Draw Federal F-4-9-16 Well, Surface Location 612' FNL, 514' FEL,
NE NE, Sec. 5, T. 9 South, R. 16 East, Bottom Location 1329' FNL, 0' FWL,
NW NW, Sec. 4, T. 9 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 43-013-33517.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Newfield Production Company
Well Name & Number Wells Draw Federal F-4-9-16
API Number: 43-013-33517
Lease: UTU-30096

Surface Location: NE NE Sec. 5 T. 9 South R. 16 East
Bottom Location: NW NW Sec. 4 T. 9 South R. 16 East

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

RECEIVED

JAN 19 2007

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
BLM VERNAL, UTAH

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-30096	
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 F-4-9-16	
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33517	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/NE 612' FNL 514' FEL Sec. 5, T9S R16E At proposed prod. zone NW/NW 1329' FNL 0' FWL Sec. 4, T9S R16E		10. Field and Pool, or Exploratory Monument Butte Monument Butte	
14. Distance in miles and direction from nearest town or post office* Approximatley 13.3 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 4, T9S R16E Lot 1	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1311' //lse, 2631' //unit	16. No. of Acres in lease 602.24	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. 1215'	19. Proposed Depth 6400'	20. BLM/BIA Bond No. on file UTB000192	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5725' GL	22. Approximate date work will start* 2nd Quarter 2007	23. Estimated duration Approximately seven (7) days from spud to ng release.	

24. Attachments

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

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

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 1/18/07
Title Regulatory Specialist		
Approved by (Signature) <i>Jerry Kewicka</i>	Name (Printed/Typed) JERRY KEWICKA	Date 10-2-2007
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

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

*(Instructions on reverse)

CONDITIONS OF APPROVAL ATTACHED

NOTICE OF APPROVAL

RECEIVED

OCT 10 2007

DIV. OF OIL, GAS & MINING

No NOS
07PP17UA



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

170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Wells Draw Federal F-4-9-16
API No: 43-013-33517

Location: Lot 1, Sec 4, T9S, R16E
Lease No: UTU-30096
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:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck MacDonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

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

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

NOTIFICATION REQUIREMENTS

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

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

General Surface Stipulations:

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

Specific Surface Stipulations:

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

TIME RESTRICTION

REASON

February 1 through July 15

Golden Eagle nesting season

March 1 through July 15

Ferruginous Hawk nesting period

May 15 through June 15

Mountain Plover habitat nesting season.

- This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed August 24, 2005. If the well has not been spudded by August 24, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All roads will have an 18', crowned (2 to 3% minimum), running surface. All roads will have drainage ditches along both sides of road.
- Any hydrocarbons in the reserve pit will be removed **immediately** upon well completion; in accordance with 43 CFR 3162.7-1. Pits must be free of oil and other liquid and solid wastes prior to filling.

- Monument Butte SOP, Section 9.2 - Pit Fencing Minimum Standards - will be strictly adhered to. To include 9.2.2.3 - Corner posts will be cemented and/or braced in such a manner as to keep fence tight at all times.
- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Flow lines will be painted Carlsbad Canyon and placed along side of the road that already has pipelines in place.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- The following seed mix (PLS formula) will be used for interim reclamation:

Shadscale (<i>Atriplex confertifolia</i>)	3 lbs/acre
Galleta Grass (<i>Hilaria jamesii</i>)	6 lbs/acre

- Rates are set for drill seeding; double the rate if broadcasting.
 - Reseeding may be required if initial seeding is not successful.
-
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
 - Once the location is plugged and abandoned, it shall be recontoured to natural topography, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding shall take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
 - The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
 - The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
 - All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
 - All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
 - Notify the Authorized Officer 48 hours prior to surface disturbing activities.

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- Production casing cement shall be brought up and into the surface.

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

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

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

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (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.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: W DRAW FED F-4-9-16

Api No: 43-013-33517 Lease Type: FEDERAL

Section 05 Township 09S Range 16E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 12/02/07

Time 5:00 PM

How DRY

Drilling will Commence: _____

Reported by DELL RAY

Telephone # (435) 823-6110

Date 12/03/07 Signed CHD

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

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

OPERATOR ACCT. NO. **N2695**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B R	99999	12276	4301333517	WELLS DRAW FED F-4-9-16	NENE NESW	5 A	9S	16E	UINTAH	12/2/2007	12/31/07
WELL 1 COMMENTS: GRRU BHL = NWNW Sec 4											
A	99999	16571	4304799289³⁹²⁹⁰	UTE TRIBE 11-6-5-2E	NESW NESE	6	5S	2E	UINTAH	12/2/2007	12/31/07
GRRU											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
WELL 5 COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)
 A - new entity for 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)

RECEIVED

DEC 04 2007

DIV. OF OIL, GAS & MINING

Tammi Lee
 Signature

Tammi Lee

Production Clerk

12/04/07

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.
USA UTU-30096

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
WELLS DRAW FEDERAL F-4-9-16

9. API Well No.
4301333517

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
612 FNL 514 FEL
NWNW Section 5 T9S R16E

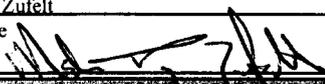
12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA

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

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

On 12/2/2007 MIRU NDSI NS # 1. Spud well @ 5:00 PM. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 323.21' /KB On 12/8/2007 cement with 160 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 7 bbls cement to pit. WOC.

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

Signature 

Title
Drilling Supervisor

Date
12/09/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

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

Office _____

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

(Instructions on reverse)

RECEIVED

DEC 11 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 323.21

LAST CASING 8 5/8" set @ 323.21
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 320' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
 WELL Well Draw Federal F-4-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI NS # 1

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 44.65'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	311.36
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			313.21
TOTAL LENGTH OF STRING		313.21	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			323.21
TOTAL		311.36	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		311.36	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.	Spud	12/2/2007	5:00 PM	GOOD CIRC THRU JOB			YES
CSG. IN HOLE		12/3/2007	1:00 PM	Bbls CMT CIRC TO SURFACE			7
BEGIN CIRC		12/8/2007	9:30 AM	RECIPROCATED PIPE FOR			N/A
BEGIN PUMP CMT		12/8/2007	9:42 AM				
BEGIN DSPL. CMT		12/8/2007	10:01 AM	BUMPED PLUG TO			620 PSI
PLUG DOWN		12/8/2007	10:10 AM				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third for 3							

COMPANY REPRESENTATIVE Troy Zufelt

DATE 12/8/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
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SUBMIT IN TRIPPLICATE Other Instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include area code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 612 FNL 514 FEL
 NWNW Section 4 T9S R16E

5. Lease Serial No.
 USA UTU-30096

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
 WELLS DRAW FEDERAL F-4-9-16

9. API Well No.
 4301333517

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

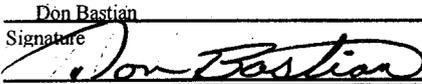
11. County or Parish, State
 DUCHESNE, UT

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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other _____
			Weekly Status Report _____

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

On 1/3/08 MIRU NDSI Rig # 2. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 278'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6446'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR MREX, Rotary Core, log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 148 jt's of 5.5 J-55, 15.5# csgn. Set @ 6436.97' KB. Cement with 350 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 20 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 80,000 #'s tension. Release rig @ 12:00 pm 1/20/08.

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

Title
 Drilling Foreman

Date
 01/21/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

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

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

(Instructions on reverse)

RECEIVED

JAN 25 2008

U.S. DEPT. OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6436.97

Flt clr @ 6394.32

LAST CASING 8 5/8" SET # 323.21'

OPERATOR Newfield Production Company

DATUM 12' KB

WELL WD Federal F-4-9-16

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # NDSI #2

TD DRILLER 6446' Loggers

HOLE SIZE 7 7/8"

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 11:15					
148	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	6380.32
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	43.4
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6438.97
TOTAL LENGTH OF STRING		6438.97	149	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		303.71	7	CASING SET DEPTH			6436.97
TOTAL		6727.43	156	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6727.43	156				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		11:15 PM	1/19/2008	GOOD CIRC THRU JOB			Yes
CSG. IN HOLE		4:00 AM	1/20/2008	Bbls CMT CIRC TO SURFACE			20
BEGIN CIRC		4:20 AM	1/20/2008	RECIPROCATED PIPE FOR			THRUSTROKE NA
BEGIN PUMP CMT		7:04 AM	1/20/2008	DID BACK PRES. VALVE HOLD ?			Yes
BEGIN DSPL. CMT		8:07 AM	1/20/2008	BUMPED PLUG TO			2000# w/ Rig Pump PSI
PLUG DOWN		9:10 AM	1/20/2008				

CEMENT USED		CEMENT COMPANY- B. J.	
STAGE	# SX	CEMENT TYPE & ADDITIVES	
1	350	Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake	
		mixed @ 11.0 ppg W / 3.43 cf/sk yield	
2	450	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD	
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING	
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.			

COMPANY REPRESENTATIVE Don Bastian DATE 1/20/2008

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.

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)
 612 FNU 514 FEL
 NWNW Section 19S R16E

5. Lease Serial No.
 USA UTU-30096

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
 WELLS DRAW FEDERAL F-4-9-16

9. API Well No.
 4301333517

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

11. County or Parish, State
 DUCHESNE, UT

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

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

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

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

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

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

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

Title
 Regulatory Specialist
 Date
 02/28/2008

Approved by _____
 Title _____
 Date _____
 Office _____

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

(Instructions on reverse)

RECEIVED
FEB 29 2008
 DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
612 FNL 514 FEL
NWNW Section 5 T9S R16E

5. Lease Serial No.
USA UTU-30096

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
WELLS DRAW FEDERAL F-4-9-16

9. API Well No.
4301333517

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 <u>Weekly Status Report</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

The above mentioned well went on production 2/29/08. See attached daily activity report.

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

Tammi Lee

Signature

Title

Production Clerk

Date

03/13/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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Title

Date

Office

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(Instructions on reverse)

RECEIVED

MAR 17 2008

DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

WLLS DRW F-4-9-16**12/1/2007 To 4/29/2008****2/14/2008 Day: 1****Completion**

Rigless on 2/13/2008 - Instal 5K frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6013' & cement top @ 24'. Couldn't get to bottom set of CP5 sds so decision made to skip. Perforate stage #1, CP2 sds @ 5956-5967' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°) w/ 4 spf for total of 44 shots. 143 bbls EWTR. SIFN.

2/20/2008 Day: 2**Completion**

Rigless on 2/19/2008 - Stage #1 CP2 sds. RU BJ Services. 302 psi on well. Frac CP2 sds w/ 39,868#'s of 20/40 sand in 430 bbls of Lightning 17 fluid. Broke @ 3154 psi. Treated w/ ave pressure of 2155 psi w/ ave rate of 23.2 BPM. ISIP 2179 psi. Leave pressure on well. 573 BWTR. Stage #2 LODC sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 22' perf gun. Set plug @ 5700'. Perforate LODC sds @ 5574-96' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 88 shots. RU BJ Services. 1793 psi on well. Frac LODC sds w/ 129,922#'s of 20/40 sand in 928 bbls of Lightning 17 fluid. Broke @ 4049 psi. Treated w/ ave pressure of 2222 psi @ ave rate of 23.1 BPM. ISIP 2820 psi. Leave pressure on well. 1501 BWTR. Stage #3 A3 sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 16' perf gun. Set plug @ 5550'. Perforate A3 sds @ 5462-78' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 64 shots. RU BJ Services. 1628 psi on well. Frac A3 sds w/ 129,469#'s of 20/40 sand in 928 bbls of Lightning 17 fluid. Broke @ 4056 psi. Treated w/ ave pressure of 2279 psi @ ave rate of 23.6 BPM. ISIP 2427 psi. Leave pressure on well. 2429 BWTR. Stage #4 B2 sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 13' perf gun. Set plug @ 5370'. Perforate B2 sds @ 5274-87' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 52 shots. RU BJ Services. 1617 psi on well. Frac B2 sds w/ 84,474#'s of 20/40 sand in 657 bbls of Lightning 17 fluid. Broke @ 3286 psi. Treated w/ ave pressure of 2000 psi @ ave rate of 23.2 BPM. ISIP 2091 psi. Leave pressure on well. 3086 BWTR. Stage #5 D3 sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 8' perf gun. Set plug @ 5160'. Perforate D3 sds @ 5071-79' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 32 shots. RU BJ Services. 1736 psi on well. Frac D3 sds w/ 39,739#'s of 20/40 sand in 412 bbls of Lightning 17 fluid. Broke @ 3108 psi. Treated w/ ave pressure of 2316 psi @ ave rate of 23.1 BPM. ISIP 1985 psi. Leave pressure on well. 3498 BWTR Stage #6 D1 sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 14' perf gun. Set plug @ 5050'. Perforate D1 sds @ 4984-98' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 56 shots. RU BJ Services. 1635 psi on well. Frac D1 sds w/ 115,141#'s of 20/40 sand in 842 bbls of Lightning 17 fluid. Broke @ 3998 psi. Treated w/ ave pressure of 1986 psi @ ave rate of 23.2 BPM. ISIP 2261 psi. Leave pressure on well. 4340 BWTR. Stage #7 GB4 sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 14' perf gun. Set plug @ 4550'. Perforate GB4 sds @ 4456-70' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 56 shots. RU BJ Services. 1848 psi on well. Frac GB4 sds w/ 68,527#'s of 20/40 sand in 589 bbls of Lightning 17 fluid. Broke @ 4091 psi. Treated w/ ave pressure of 1880 psi @ ave rate of 23.3 BPM. ISIP 2015 psi. Open well to pit for immediate flowback @ approx. 1 bpm. Well flowed for 11 hrs. & started flowing oil. SWIFN.

2/21/2008 Day: 3**Completion**

Rigless on 2/20/2008 - RU PSI wireline truck & mast. Set 5 1/2" solid CBP @ 4400'. Bleed off well. RD PSI.

2/22/2008 Day: 4**Completion**

Rigless on 2/21/2008 - MIRU Western #1. ND Cameron BOP & 5m frac head. NU 3M production head & Schafer BOP. RIH w/ 4 3/4" chomp bit, bit sub & 2 7/8" tbg. from pipe racks (drifting & tallying). Tag CBP @ 4400'. RU powerswivel & pump. DU CBP in 42 min. Cont. RIH w/ tbg. Tag CBP @ 4550'. DU CBP in 38 min. Circulate well clean. SWIFN.

2/23/2008 Day: 5**Completion**

Western #1 on 2/22/2008 - Thaw well. Bleed off pressure. RU pump to tbg. Pump 50 bbls water down tbg. RIH w/ tbg. Tag CBP @ 5050'. DU CBP in 17 min. Cont. RIH w/ tbg. Tag CBP @ 5160'. DU CBP in 12 min. Cont. RIH w/ tbg. Tag @ 5346'. C/O to CBP @ 5370'. DU CBP in 19 min. Cont. RIH w/ tbg. Tag 5476'. C/O to CBP @ 5550'. DU CBP in 8 min. Cont. RIH w/ tbg. Tag 5580'. C/O to CBP @ 5700'. DU CBP in 19 min. Cont. RIH w/ tbg. Tag 6005'. C/O to 6070'. RD powerswivel. Pull up to 6007'. Flow well for 2.5 hrs. Recovered 115 bbls. 50% oil cut. 20/64" choke. 370 psi on csg. SWIFN @ 6:30 p.m.

2/26/2008 Day: 6**Completion**

Western #1 on 2/25/2008 - Bleed off pressure. Flowing oil. RU & circ dn tbg W/ 220 bbls hot 10# brine wtr. Casing returning salty wtr W/ oil. SD pump & casing flows strongly. Strip off circ head & install B1 adapter flange. Land tbg on BOP. RU double valve flow head & tie adjustable choke into flowline. Open to pit for 1 hr. Recovered est 60 BTF W/ good oil cut. Turn through treater on 20/64" choke @ 2:30 PM. RD MOSU. Est 4080 BWTR.

Pertinent Files: [Go to File List](#)

(See other instructions on reverse side)

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

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.
UTU-30096

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

7. UNIT AGREEMENT NAME
Wells Draw Unit

8. FARM OR LEASE NAME, WELL NO.
Wells Draw Federal F-4-9-16

1a. TYPE OF WORK
OIL WELL GAS WELL DRY Other _____

1b. TYPE OF WELL
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF RESVR. Other _____

2. NAME OF OPERATOR
Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.
1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*
At Surface **1320' FNL & 9' FWL (NE/NE) Sec. 24, T9S, R16E**
At top prod. Interval reported below
612 fml 514 tel
At total depth **1407 fml 293 fw!**
per DKD review

9. WELL NO.
43-013-33517

10. FIELD AND POOL OR WILDCAT
Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
5
Sec. 4, T9S, R16E

14. API NO. **43-013-33517** DATE ISSUED **01/29/07**

12. COUNTY OR PARISH **Duchesne** 13. STATE **UT**

15. DATE SPUDDED **12/02/07** 16. DATE T.D. REACHED **01/16/08** 17. DATE COMPL. (Ready to prod.) **02/25/08** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **5725' GL 5737' KB** 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **6446' 6325** 21. PLUG BACK T.D., MD & TVD **6070' 5951** 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY **----->** ROTARY TOOLS **X** CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
Green River 4456'-5967'

25. WAS DIRECTIONAL SURVEY MADE **yes**

26. TYPE ELECTRIC AND OTHER LOGS RUN
Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED **No**

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	323'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6437'	7-7/8"	350 sx Premilite II and 450 sx 50/50 Poz	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5957'	TA @ 5758'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP2) 5956'-5967'	.49"	4/44	5956'-5967'	Frac w/ 39,868# 20/40 sand in 430 bbls fluid
(LODC) 5574'-5596'	.49"	4/88	5574'-5596'	Frac w/ 129,922# 20/40 sand in 928 bbls fluid
(A3) 5462'-5478'	.49"	4/64	5462'-5478'	Frac w/ 129,496# 20/40 sand in 928 bbls fluid
(B2) 5274'-5287'	.49"	4/52	5274'-5287'	Frac w/ 84,474# 20/40 sand in 657 bbls fluid
(D3) 5074'-5079'	.49"	4/32	5074'-5079'	Frac w/ 39,739# 20/40 sand in 412 bbls fluid
(D1) 4984'-4998'	.49"	4/56	4984'-4998'	Frac w/ 115,414# 20/40 sand in 842 bbls fluid
(GB4) 4456'-4470'	.49"	4/56	4456'-4470'	Frac w/ 68,527# 20/40 sand in 589 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)
02/26/08	2-1/2" x 1-1/2" x 20' RHAC SM Plunger Pump	PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 day ave			---->	131	32	121	244

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)
		---->				

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **Sold & Used for Fuel** APR 09 2008 TEST WITNESSED BY

35. LIST OF ATTACHMENTS **DIV. OF OIL, GAS & MINING**

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

SIGNED Jentry Park TITLE Production Technician DATE 4/7/2008

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
			Well Name Wells Draw Federal F-4-9-16	Garden Gulch Mkr	3924'	
				Garden Gulch 1	4149'	
				Garden Gulch 2	4262'	
				Point 3 Mkr	4530'	
				X Mkr	4793'	
				Y-Mkr	4827'	
				Douglas Creek Mkr	4946'	
				BjCarbonate Mkr	5196'	
				B Limestone Mkr	5316'	
				Castle Peak	5861'	
				Basal Carbonate	6304'	
				Total Depth (LOGGERS)	6460'	

NEWFIELD



Well Name: Wells Draw F-4-9-16
 LOCATION: S4, T9S, R16E
 COUNTY/STATE: Duchesne
 API: 43-013-33517

Spud Date: 12-2-07
 TD: 6446'
 CSG: 1-20-08
 POP: 2-25-08

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	SPM	Comments
2/25/2008				4140				FLOWING
2/26/2008	18	119	370	3770	0	0	0	FLOWING
2/27/2008	24	290	192	3578	0	0	0	FLOWING
2/28/2008	18	-8	127	3451	0	0	0	Drained 80 bbls water, Clutched waiting on Oil and water haul tanks full.
2/29/2008	24	72	110	3341	0	0	0	
3/1/2008	24	160	91	3250		400	0	FLOWING
3/2/2008	10	40	26	3224		550	0	Tubing 250, Flowing, clutched 14 hours waiting on oil sale.
3/3/2008	15	102	135	3089		400		Tubing 200, Flowing, clutched 9 hours waiting on oil sale.
3/4/2008	24	288	82	3007	76	400		Tubing 100, flowing
3/5/2008	12	32	16	2991	40	500		Down - tanks full, FLOWING
3/6/2008		208	63	2928	76	400		FLOWING
3/7/2008		52	23	2905	20	50		FLOWING
3/8/2008	24	0	0	2905	11	500		FLOWING
3/9/2008	24	0	0	2905	0	550		FLOWING
3/10/2008	24	200	136	2769	59	400		FLOWING
3/11/2008	24	32	23	2746	23	500		FLOWING
3/12/2008	24	0	0	2746	0	500		FLOWING
3/13/2008	24	21	0	2746	18	500		Tubing 50
3/14/2008	24	11	3	2743	16	500		FLOWING
3/15/2008	24	6	10	2733	0	550	0	FLOWING
3/16/2008	24	0	0	2733	0	600	0	FLOWING
3/17/2008	24	298	198	2535	86	100		flowing Tubing 100
3/18/2008	24	61	50	2485	60	450		flowing
3/19/2008	0	0	0	2485	0	500	0	down - no longer flowing.
3/20/2008	0	0	0	2485	0	50	0	down - no longer flowing
3/21/2008	0	0	0	2485	0	50	0	down - no longer flowing
3/22/2008		23	6	2479	5	500		flowing
3/23/2008		0	0	2479	5	550		flowing
3/24/2008		3	2	2477	15	550	0	flowing
3/25/2008				2477				
3/26/2008				2477				
3/27/2008				2477				
		2010	1663		510			



Scientific Drilling

Directional Survey Certification

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

RE: Newfield Exploration Co. Operator
Wells Draw Unit F-4-9-16 Well Name & No.
Duchesne County, UT County & State
42DEF0801013 SDI Job No.

I, Julie Cruse, having personal knowledge of all the facts, hereby certify that the attached directional survey run from a measured depth of 344 feet to a measured depth of 6446 feet is true and correct as determined from all available records.

Julie Cruse Signature
Rockies Region Engineer Title
Scientific Drilling International Company

State of : Wyoming }
County of : Natrona } ss

On this 25th day of January, 2008, before me personally appeared Julie Cruse to me known as the person described in and who executed the foregoing instrument and acknowledged that (s)he executed the same as his/her free act and deed.

Seal Darcy Neal Notary Public
Aug 12, 2009 My Commission Expires

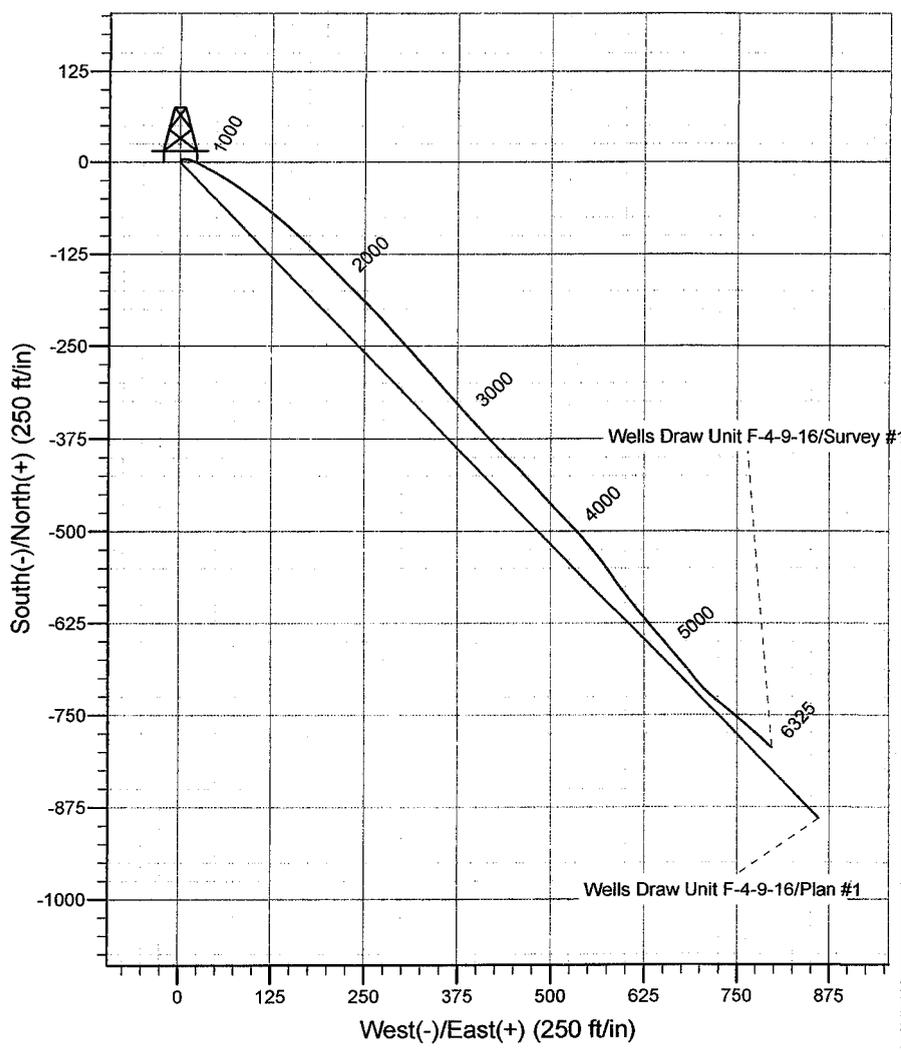
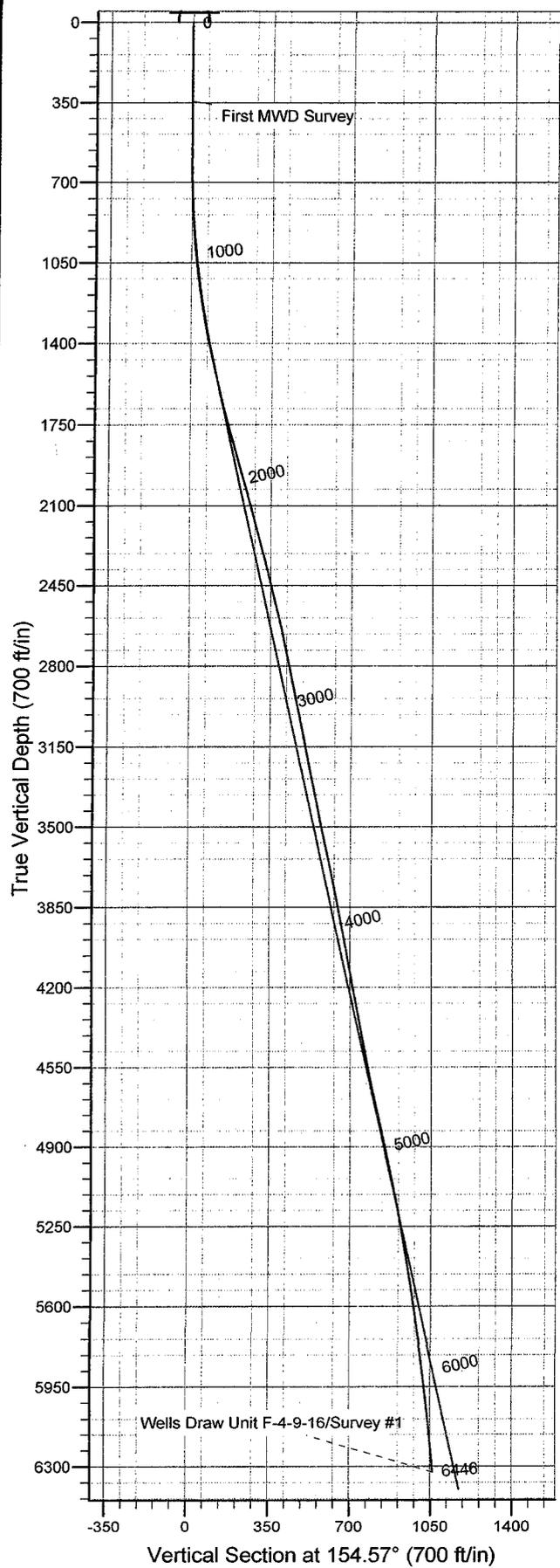




Scientific Drilling
Rocky Mountain Operations

Project: Duchesne County, UT
Site: Wells Draw Unit F-4-9-16
Well: Wells Draw Unit F-4-9-16
Wellbore: OH
Design: OH

Newfield Exploration Co.



WELL DETAILS: Wells Draw Unit F-4-9-16

Ground Level: GL 5725' & RKB 12' @ 5737.00ft					
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	7195511.73	2022236.69	40° 3' 55.830 N	110° 8' 8.450 W

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Wells Draw Unit F-4-9-16, True North
Vertical (TVD) Reference: GL 5725' & RKB 12' @ 5737.00ft
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: GL 5725' & RKB 12' @ 5737.00ft
Calculation Method: Minimum Curvature
Local North: True
Location: Sec 5 T9S R16E

PROJECT DETAILS: Duchesne County, UT

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

Survey: Survey #1 (Wells Draw Unit F-4-9-16/OH)

Created By: Julie Cruse Date: 2007-01-17

Newfield Exploration Co.

Duchesne County, UT

Wells Draw Unit F-4-9-16

Wells Draw Unit F-4-9-16

OH

Survey: Survey #1

Standard Survey Report

17 January, 2008

Scientific Drilling

Survey Report

Company: Newfield Exploration Co.	Local Co-ordinate Reference: Well Wells Draw Unit F-4-9-16
Project: Duchesne County, UT	TVD Reference: GL 5725' & RKB 12' @ 5737.00ft
Site: Wells Draw Unit F-4-9-16	MD Reference: GL 5725' & RKB 12' @ 5737.00ft
Well: Wells Draw Unit F-4-9-16	North Reference: True
Wellbore: OH	Survey Calculation Method: Minimum Curvature
Design: OH	Database: EDM 2003.16 Multi-User Db

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

Site Wells Draw Unit F-4-9-16, Sec 5 T9S R16E			
Site Position:	Northing: 7,195,511.74 ft	Latitude: 40° 3' 55.830 N	
From: Lat/Long	Easting: 2,022,236.69 ft	Longitude: 110° 8' 8.450 W	
Position Uncertainty: 0.00 ft	Slot Radius: in	Grid Convergence: 0.87 °	

Well Wells Draw Unit F-4-9-16, 612' FNL, 514' FEL			
Well Position	+N/-S 0.00 ft	Northing: 7,195,511.73 ft	Latitude: 40° 3' 55.830 N
	+E/-W 0.00 ft	Easting: 2,022,236.69 ft	Longitude: 110° 8' 8.450 W
Position Uncertainty 0.00 ft		Wellhead Elevation: ft	Ground Level: 5,725.00 ft

Wellbore OH					
Magnetics	Model Name IGRF2005-10	Sample Date 2007-12-17	Declination (°) 11.78	Dip Angle (°) 65.89	Field Strength (nT) 52,637

Design OH					
Audit Notes:					
Version: 1.0	Phase: ACTUAL	Tie On Depth: 0.00			
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	154.57	

Survey Program		Date 2008-01-17		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
344.00	6,446.00	Survey #1 (OH)	MWD	MWD - Standard

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
344.00	0.82	36.77	343.99	1.97	1.47	-1.15	0.24	0.24	0.00
375.00	0.85	43.01	374.98	2.32	1.76	-1.34	0.31	0.10	20.13
405.00	0.85	40.38	404.98	2.65	2.06	-1.51	0.13	0.00	-8.77
436.00	0.71	41.17	435.98	2.97	2.33	-1.68	0.45	-0.45	2.55
467.00	0.86	61.69	466.98	3.22	2.67	-1.77	1.02	0.48	66.19
498.00	1.02	72.56	497.97	3.42	3.13	-1.74	0.77	0.52	35.06
528.00	1.09	81.21	527.97	3.54	3.67	-1.62	0.58	0.23	28.83
559.00	1.27	82.61	558.96	3.63	4.30	-1.43	0.59	0.58	4.52
590.00	1.66	88.57	589.95	3.69	5.09	-1.14	1.35	1.26	19.23
620.00	1.80	91.40	619.94	3.69	6.00	-0.75	0.55	0.47	9.43
651.00	2.08	92.87	650.92	3.65	7.05	-0.27	0.92	0.90	4.74
682.00	2.47	95.34	681.89	3.55	8.27	0.34	1.30	1.26	7.97

Scientific Drilling

Survey Report

Company: Newfield Exploration Co.
Project: Duchesne County, UT
Site: Wells Draw Unit F-4-9-16
Well: Wells Draw Unit F-4-9-16
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Wells Draw Unit F-4-9-16
TVD Reference: GL 5725' & RKB 12' @ 5737.00ft
MD Reference: GL 5725' & RKB 12' @ 5737.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Multi-User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
712.00	2.90	98.83	711.86	3.38	9.67	1.10	1.53	1.43	11.63
743.00	3.15	101.20	742.82	3.09	11.28	2.05	0.90	0.81	7.65
774.00	3.33	106.54	773.77	2.67	12.98	3.16	1.13	0.58	17.23
805.00	3.47	109.19	804.71	2.11	14.72	4.42	0.68	0.45	8.55
835.00	3.99	110.03	834.65	1.45	16.56	5.80	1.74	1.73	2.80
866.00	4.68	113.02	865.56	0.59	18.74	7.52	2.34	2.23	9.65
897.00	5.37	111.88	896.44	-0.45	21.25	9.53	2.25	2.23	-3.68
928.00	5.98	114.47	927.29	-1.66	24.07	11.83	2.13	1.97	8.35
960.00	6.13	117.65	959.11	-3.14	27.10	14.47	1.15	0.47	9.94
991.00	6.50	118.65	989.92	-4.75	30.10	17.22	1.25	1.19	3.23
1,023.00	6.94	120.55	1,021.70	-6.60	33.36	20.29	1.54	1.37	5.94
1,053.00	7.68	119.44	1,051.46	-8.51	36.66	23.43	2.51	2.47	-3.70
1,086.00	8.16	119.16	1,084.14	-10.73	40.63	27.14	1.46	1.45	-0.85
1,117.00	8.79	118.52	1,114.81	-12.94	44.63	30.85	2.05	2.03	-2.06
1,148.00	9.27	120.21	1,145.42	-15.32	48.87	34.82	1.77	1.55	5.45
1,179.00	9.83	120.74	1,175.99	-17.93	53.30	39.08	1.83	1.81	1.71
1,210.00	10.43	120.67	1,206.51	-20.72	57.99	43.61	1.94	1.94	-0.23
1,240.00	10.87	121.86	1,235.99	-23.60	62.73	48.25	1.64	1.47	3.97
1,272.00	11.40	122.03	1,267.39	-26.87	67.97	53.45	1.66	1.66	0.53
1,303.00	11.87	122.78	1,297.75	-30.22	73.25	58.74	1.59	1.52	2.42
1,334.00	12.22	124.14	1,328.07	-33.78	78.65	64.28	1.45	1.13	4.39
1,365.00	12.52	124.88	1,358.35	-37.55	84.12	70.03	1.09	0.97	2.39
1,396.00	12.86	125.89	1,388.59	-41.49	89.67	75.97	1.31	1.10	3.26
1,427.00	13.37	126.90	1,418.78	-45.67	95.33	82.18	1.80	1.65	3.26
1,522.00	14.46	128.73	1,511.00	-59.68	113.37	102.58	1.24	1.15	1.93
1,616.00	15.14	129.51	1,601.88	-74.83	131.99	124.26	0.75	0.72	0.83
1,707.00	16.14	131.28	1,689.51	-90.74	150.67	146.64	1.22	1.10	1.95
1,801.00	16.90	133.56	1,779.63	-108.78	170.39	171.40	1.06	0.81	2.43
1,895.00	16.81	134.73	1,869.59	-127.76	189.95	196.94	0.37	-0.10	1.24
1,989.00	16.69	136.72	1,959.60	-147.15	208.86	222.57	0.62	-0.13	2.12
2,082.00	16.16	135.70	2,048.81	-166.13	227.05	247.53	0.65	-0.57	-1.10
2,176.00	15.77	135.42	2,139.18	-184.59	245.15	271.98	0.42	-0.41	-0.30
2,269.00	15.24	136.34	2,228.80	-202.44	262.46	295.53	0.63	-0.57	0.99
2,363.00	14.84	138.67	2,319.58	-220.42	278.94	318.84	0.77	-0.43	2.48
2,458.00	14.56	137.72	2,411.47	-238.39	295.01	341.97	0.39	-0.29	-1.00
2,553.00	14.09	138.18	2,503.51	-255.84	310.75	364.49	0.51	-0.49	0.48
2,646.00	13.62	138.68	2,593.81	-272.50	325.53	385.88	0.52	-0.51	0.54
2,741.00	12.61	138.44	2,686.33	-288.66	339.80	406.60	1.06	-1.06	-0.25
2,833.00	12.00	138.68	2,776.21	-303.36	352.77	425.45	0.67	-0.66	0.26
2,928.00	11.73	138.46	2,869.18	-318.00	365.70	444.22	0.29	-0.28	-0.23
3,023.00	12.37	138.14	2,962.09	-332.81	378.89	463.26	0.68	0.67	-0.34
3,117.00	12.13	136.93	3,053.95	-347.52	392.35	482.33	0.37	-0.26	-1.29
3,210.00	12.02	137.77	3,144.89	-361.83	405.54	500.91	0.22	-0.12	0.90
3,302.00	11.54	136.20	3,234.95	-375.57	418.34	518.81	0.63	-0.52	-1.71
3,397.00	11.81	136.59	3,327.99	-389.49	431.60	537.08	0.30	0.28	0.41
3,490.00	12.44	134.46	3,418.91	-403.42	445.29	555.54	0.83	0.68	-2.29
3,584.00	12.50	136.66	3,510.70	-417.91	459.50	574.73	0.51	0.06	2.34
3,677.00	12.57	138.40	3,601.48	-432.79	473.13	594.02	0.41	0.08	1.87
3,771.00	12.54	138.27	3,693.23	-448.06	486.71	613.64	0.04	-0.03	-0.14
3,863.00	12.06	137.07	3,783.12	-462.55	499.90	632.39	0.59	-0.52	-1.30
3,952.00	11.37	136.37	3,870.27	-475.71	512.29	649.59	0.79	-0.78	-0.79
4,045.00	11.20	136.46	3,961.47	-488.89	524.84	666.89	0.18	-0.18	0.10
4,143.00	10.94	136.49	4,057.64	-502.53	537.80	684.77	0.27	-0.27	0.03
4,235.00	10.85	141.91	4,147.99	-515.68	549.15	701.52	1.12	-0.10	5.89

Scientific Drilling

Survey Report

Company: Newfield Exploration Co.
Project: Duchesne County, UT
Site: Wells Draw Unit F-4-9-16
Well: Wells Draw Unit F-4-9-16
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Wells Draw Unit F-4-9-16
TVD Reference: GL 5725' & RKB 12' @ 5737.00ft
MD Reference: GL 5725' & RKB 12' @ 5737.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Multi-User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,327.00	10.72	140.87	4,238.36	-529.13	559.89	718.28	0.25	-0.14	-1.13
4,419.00	10.28	143.24	4,328.82	-542.35	570.20	734.64	0.67	-0.48	2.58
4,513.00	10.65	146.34	4,421.26	-556.30	580.04	751.47	0.72	0.39	3.30
4,607.00	11.35	145.18	4,513.53	-571.12	590.13	769.19	0.78	0.74	-1.23
4,701.00	11.01	143.80	4,605.75	-585.96	600.72	787.13	0.46	-0.36	-1.47
4,793.00	12.13	142.48	4,695.88	-600.71	611.79	805.21	1.25	1.22	-1.43
4,888.00	13.15	141.25	4,788.58	-617.06	624.63	825.49	1.11	1.07	-1.29
4,980.00	12.43	140.92	4,878.29	-632.91	637.43	845.30	0.79	-0.78	-0.36
5,071.00	12.19	140.44	4,967.20	-647.92	649.72	864.13	0.29	-0.26	-0.53
5,163.00	11.61	140.63	5,057.22	-662.56	661.78	882.53	0.63	-0.63	0.21
5,256.00	11.46	139.42	5,148.34	-676.81	673.72	900.53	0.31	-0.16	-1.30
5,350.00	10.13	140.96	5,240.68	-690.33	685.01	917.58	1.45	-1.41	1.64
5,440.00	9.52	139.98	5,329.36	-702.17	694.78	932.48	0.70	-0.68	-1.09
5,533.00	10.06	135.68	5,421.00	-713.87	705.40	947.61	0.98	0.58	-4.62
5,626.00	9.21	132.64	5,512.69	-724.73	716.55	962.20	1.06	-0.91	-3.27
5,718.00	9.30	129.88	5,603.50	-734.48	727.67	975.78	0.49	0.10	-3.00
5,814.00	9.43	129.52	5,698.22	-744.46	739.69	989.95	0.15	0.14	-0.37
5,907.00	8.40	130.41	5,790.09	-753.71	750.74	1,003.05	1.12	-1.11	0.96
5,999.00	7.59	130.31	5,881.20	-762.00	760.49	1,014.72	0.88	-0.88	-0.11
6,094.00	6.85	130.43	5,975.44	-769.73	769.59	1,025.61	0.78	-0.78	0.13
6,186.00	6.52	130.88	6,066.82	-776.71	777.71	1,035.40	0.36	-0.36	0.49
6,279.00	6.00	134.44	6,159.26	-783.57	785.17	1,044.80	0.70	-0.56	3.83
6,392.00	5.38	131.67	6,271.71	-791.22	793.35	1,055.23	0.60	-0.55	-2.45
6,446.00	5.38	131.67	6,325.47	-794.59	797.13	1,059.89	0.00	0.00	0.00

Targets

Target Name

- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- Shape									
WDU F-4-9-16 Target	0.00	0.00	5,330.00	-713.00	339.00	7,194,803.99	2,022,586.52	40° 3' 48.783 N	110° 8' 4.090 W
- survey misses target center by 354.10ft at 5403.43ft MD (5293.31 TVD, -697.47 N, 690.86 E)									
- Circle (radius 75.00)									

Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
344.00	343.99	1.97	1.47	First MWD Survey
6,446.00	6,325.47	-794.59	797.13	Projection to TD

Checked By: _____ Approved By: _____ Date: _____