

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No. <b>UTU-74390</b>	
6. If Indian, Allottee or Tribe Name <b>N/A</b>	
7. If Unit or CA Agreement, Name and No. <b>West Point Unit</b>	
8. Lease Name and Well No. <b>West Point Federal G-6-9-16</b>	
9. API Well No. <b>43-013-34076</b>	
1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	10. Field and Pool, or Exploratory <b>Monument Butte</b>
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone	11. Sec., T., R., M., or Blk. and Survey or Area <b>Sec. 6, T9S R16E</b>
2. Name of Operator <b>Newfield Production Company</b>	12. County or Parish <b>Duchesne</b>
3a. Address <b>Route #3 Box 3630, Myton UT 84052</b>	13. State <b>UT</b>
3b. Phone No. (include area code) <b>(435) 646-3721</b>	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface <b>SE/NW 1992' FNL 1870' FWL</b> At proposed prod. zone <b>1315' FNL 1235' FWL</b>	
14. Distance in miles and direction from nearest town or post office* <b>Approximatley 10.7 miles southwest of Myton, Utah</b>	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) <b>Approx. 1235' f/lease, 1235' f/unit</b>	16. No. of Acres in lease <b>2037.19</b>
17. Spacing Unit dedicated to this well <b>20 Acres</b>	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <b>Approx. 1330'</b>	20. BLM/BIA Bond No. on file <b>WYB000493</b>
19. Proposed Depth <b>6325'</b>	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>5866' GL</b>	22. Approximate date work will start* <b>4th Quarter 2008</b>
	23. Estimated duration <b>Approximately seven (7) days from spud to rig release.</b>

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) <b>Mandie Crozier</b>	Date <b>8/27/08</b>
Title <b>Regulatory Specialist</b>		
Approved by (Signature) 	Name (Printed/Typed) <b>BRADLEY G. HILL</b>	Date <b>08-16-08</b>
Title <b>ENVIRONMENTAL MANAGER</b>		

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

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

\*(Instructions on reverse)

**Federal Approval of this  
Action is Necessary**

Surf 5713 26X  
443 47 37Y  
40. 06 1761  
-110. 163677

151 5711 31X  
443 49 42Y  
40. 06 3621  
-110. 165941

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



**NEWFIELD PRODUCTION COMPANY  
WEST POINT FEDERAL G-6-9-16  
AT SURFACE: SE/NW SECTION 6, 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' – 1693'
Green River	1693'
Wasatch	6325'

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

Green River Formation 1693' – 6325' - 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  
WEST POINT FEDERAL G-6-9-16  
AT SURFACE: SE/NW SECTION 6, 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 West Point Federal G-6-9-16 located in the SE 1/4 NW 1/4 Section 6, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southwesterly - 9.7 miles  $\pm$  to it's junction with an existing dirt road to the south; proceed southwesterly - 0.5 miles  $\pm$  to it's junction with the beginning of the access road to the existing Nine Mile 6-6-9-16 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 Nine Mile 6-6-9-16 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 Nine Mile 6-6-9-16 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed West Point Federal G-6-9-16. 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**

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

Johnson Water District  
Water Right: 43-7478

Neil Moon Pond  
Water Right: 43-11787

Maurice Harvey Pond  
Water Right: 47-1358

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

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

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed West Point Federal G-6-9-16 will be drilled off of the existing Nine Mile 6-6-9-16 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

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

12. **OTHER ADDITIONAL INFORMATION**

Newfield Production Company requests 2170' of disturbed area be granted in Lease UTU-74390 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP. In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

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

**Water Disposal**

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

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

**Threatened, Endangered, And Other Sensitive Species**

None for the proposed West Point Federal G-6-9-16.

**Reserve Pit Liner**

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

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

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

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

**Details of the On-Site Inspection**

The proposed West Point Federal G-6-9-16 was on-sited on 6/11/08. The following were present; Kevan Stevens (Newfield Production ), Michael Cutler (Bureau of Land Management), Brandon McDonald (Bureau of Land Management ), and James Herford (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

**LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

Representative

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

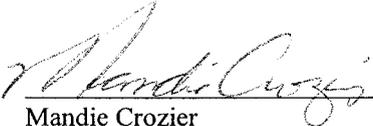
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #G-6-9-16 SE/NW Section 6, Township 9S, Range 16E: Lease UTU-74390 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

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

8/27/08

Date

  
Mandie Crozier  
Regulatory Specialist  
Newfield Production Company



**Scientific Drilling**  
Rocky Mountain Operations

Project: Duchesne County, UT NAD83 UTC  
Site: West Point  
Well: West Point G-6-9-16  
Wellbore: OH  
Design: Plan #1

Newfield Exploration Co.

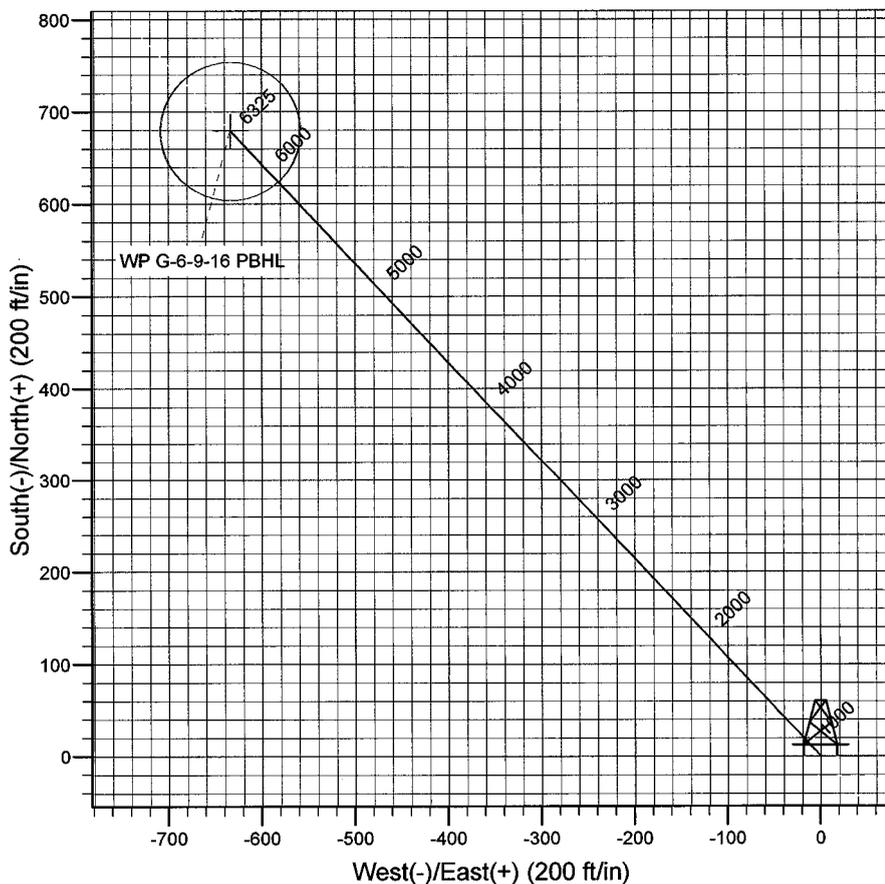
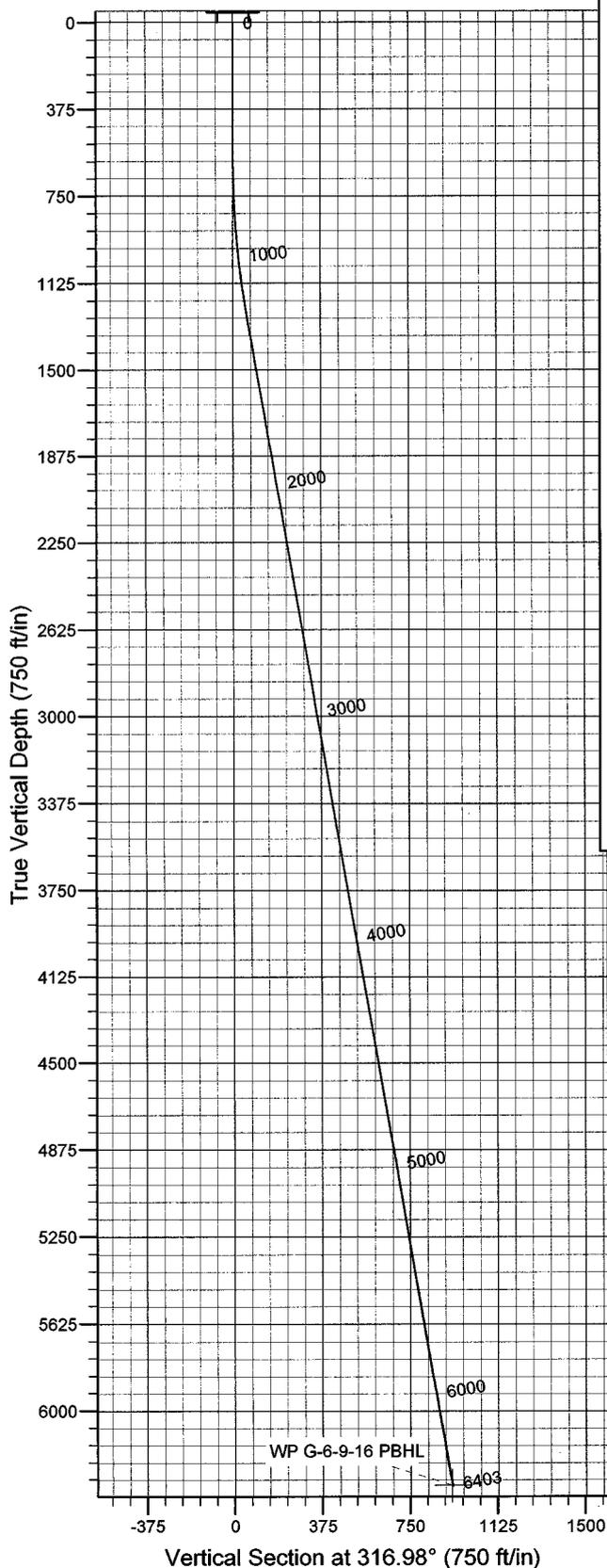


Azimuths to True North  
Magnetic North: 11.72°

Magnetic Field  
Strength: 52580.8snT  
Dip Angle: 65.87°  
Date: 2008-06-25  
Model: IGRF2005-10

WELL DETAILS: West Point G-6-9-16

GL 5866' & RKB 12' @ 5878.00ft 5866.00  
+N/-S 0.00 +E/-W 0.00 Northing 7194013.66 Easting 2014231.35 Latitude 40° 3' 42.220 N Longitude 110° 9' 51.700 W



Plan: Plan #1 (West Point G-6-9-16/OH)  
Created By: Julie Cruse Date: 2008-06-25  
PROJECT DETAILS: Duchesne County, UT NAD83 UTC  
Geodetic System: US State Plane 1983  
Datum: North American Datum 1983  
Ellipsoid: GRS 1980  
Zone: Utah Central Zone  
Location:  
System Datum: Mean Sea Level  
Local North: True

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
1250.73	9.76	316.98	1247.58	40.43	-37.73	1.50	316.98	55.30	
6402.72	9.76	316.98	6325.00	679.02	-633.64	0.00	0.00	928.75	WP G-6-9-16 PBHL

# **Newfield Exploration Co.**

**Duchesne County, UT NAD83 UTC**

**West Point**

**West Point G-6-9-16**

**OH**

**Plan: Plan #1**

## **Standard Planning Report**

**25 June, 2008**

# Scientific Drilling

## Planning Report

**Database:** EDM 2003.16 Multi-User Db  
**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT NAD83 UTC  
**Site:** West Point  
**Well:** West Point G-6-9-16  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well West Point G-6-9-16  
**TVD Reference:** GL 5866' & RKB 12' @ 5878.00ft  
**MD Reference:** GL 5866' & RKB 12' @ 5878.00ft  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

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

<b>Site</b>	West Point,				
<b>Site Position:</b>		<b>Northing:</b>	7,195,374.57 ft	<b>Latitude:</b>	40° 3' 55.470 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,015,574.76 ft	<b>Longitude:</b>	110° 9' 34.160 W
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	in	<b>Grid Convergence:</b>	0.86 °

<b>Well</b>	West Point G-6-9-16, 1992' FNL 1870' FWL Sec 6 T9S R16E					
<b>Well Position</b>	<b>+N/-S</b>	0.00 ft	<b>Northing:</b>	7,194,013.66 ft	<b>Latitude:</b>	40° 3' 42.220 N
	<b>+E/-W</b>	0.00 ft	<b>Easting:</b>	2,014,231.35 ft	<b>Longitude:</b>	110° 9' 51.700 W
<b>Position Uncertainty</b>		0.00 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	5,866.00 ft

<b>Wellbore</b>	OH				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2005-10	2008-06-25	11.72	65.87	52,581

<b>Design</b>	Plan #1				
<b>Audit Notes:</b>					
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.00	
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>	
	0.00	0.00	0.00	316.98	

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	
1,250.73	9.76	316.98	1,247.58	40.43	-37.73	1.50	1.50	0.00	316.98	
6,402.72	9.76	316.98	6,325.00	679.02	-633.64	0.00	0.00	0.00	0.00	WP G-6-9-16 PBHL

# Scientific Drilling

## Planning Report

**Database:** EDM 2003.16 Multi-User Db  
**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT NAD83 UTC  
**Site:** West Point  
**Well:** West Point G-6-9-16  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well West Point G-6-9-16  
**TVD Reference:** GL 5866' & RKB 12' @ 5878.00ft  
**MD Reference:** GL 5866' & RKB 12' @ 5878.00ft  
**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	316.98	699.99	0.96	-0.89	1.31	1.50	1.50	0.00
800.00	3.00	316.98	799.91	3.83	-3.57	5.23	1.50	1.50	0.00
900.00	4.50	316.98	899.69	8.61	-8.03	11.77	1.50	1.50	0.00
1,000.00	6.00	316.98	999.27	15.30	-14.28	20.92	1.50	1.50	0.00
1,100.00	7.50	316.98	1,098.57	23.89	-22.29	32.68	1.50	1.50	0.00
1,200.00	9.00	316.98	1,197.54	34.38	-32.08	47.03	1.50	1.50	0.00
1,250.73	9.76	316.98	1,247.58	40.43	-37.73	55.30	1.50	1.50	0.00
1,300.00	9.76	316.98	1,296.14	46.53	-43.42	63.65	0.00	0.00	0.00
1,400.00	9.76	316.98	1,394.70	58.93	-54.99	80.60	0.00	0.00	0.00
1,500.00	9.76	316.98	1,493.25	71.32	-66.56	97.56	0.00	0.00	0.00
1,600.00	9.76	316.98	1,591.80	83.72	-78.12	114.51	0.00	0.00	0.00
1,700.00	9.76	316.98	1,690.35	96.11	-89.69	131.46	0.00	0.00	0.00
1,800.00	9.76	316.98	1,788.91	108.51	-101.26	148.42	0.00	0.00	0.00
1,900.00	9.76	316.98	1,887.46	120.91	-112.82	165.37	0.00	0.00	0.00
2,000.00	9.76	316.98	1,986.01	133.30	-124.39	182.32	0.00	0.00	0.00
2,100.00	9.76	316.98	2,084.56	145.70	-135.96	199.28	0.00	0.00	0.00
2,200.00	9.76	316.98	2,183.12	158.09	-147.53	216.23	0.00	0.00	0.00
2,300.00	9.76	316.98	2,281.67	170.49	-159.09	233.19	0.00	0.00	0.00
2,400.00	9.76	316.98	2,380.22	182.88	-170.66	250.14	0.00	0.00	0.00
2,500.00	9.76	316.98	2,478.77	195.28	-182.23	267.09	0.00	0.00	0.00
2,600.00	9.76	316.98	2,577.32	207.67	-193.79	284.05	0.00	0.00	0.00
2,700.00	9.76	316.98	2,675.88	220.07	-205.36	301.00	0.00	0.00	0.00
2,800.00	9.76	316.98	2,774.43	232.46	-216.93	317.95	0.00	0.00	0.00
2,900.00	9.76	316.98	2,872.98	244.86	-228.49	334.91	0.00	0.00	0.00
3,000.00	9.76	316.98	2,971.53	257.25	-240.06	351.86	0.00	0.00	0.00
3,100.00	9.76	316.98	3,070.09	269.65	-251.63	368.82	0.00	0.00	0.00
3,200.00	9.76	316.98	3,168.64	282.04	-263.19	385.77	0.00	0.00	0.00
3,300.00	9.76	316.98	3,267.19	294.44	-274.76	402.72	0.00	0.00	0.00
3,400.00	9.76	316.98	3,365.74	306.83	-286.33	419.68	0.00	0.00	0.00
3,500.00	9.76	316.98	3,464.30	319.23	-297.89	436.63	0.00	0.00	0.00
3,600.00	9.76	316.98	3,562.85	331.62	-309.46	453.58	0.00	0.00	0.00
3,700.00	9.76	316.98	3,661.40	344.02	-321.03	470.54	0.00	0.00	0.00
3,800.00	9.76	316.98	3,759.95	356.41	-332.59	487.49	0.00	0.00	0.00
3,900.00	9.76	316.98	3,858.51	368.81	-344.16	504.45	0.00	0.00	0.00
4,000.00	9.76	316.98	3,957.06	381.20	-355.73	521.40	0.00	0.00	0.00
4,100.00	9.76	316.98	4,055.61	393.60	-367.29	538.35	0.00	0.00	0.00
4,200.00	9.76	316.98	4,154.16	405.99	-378.86	555.31	0.00	0.00	0.00
4,300.00	9.76	316.98	4,252.72	418.39	-390.43	572.26	0.00	0.00	0.00
4,400.00	9.76	316.98	4,351.27	430.78	-401.99	589.21	0.00	0.00	0.00
4,500.00	9.76	316.98	4,449.82	443.18	-413.56	606.17	0.00	0.00	0.00
4,600.00	9.76	316.98	4,548.37	455.57	-425.13	623.12	0.00	0.00	0.00
4,700.00	9.76	316.98	4,646.92	467.97	-436.69	640.07	0.00	0.00	0.00
4,800.00	9.76	316.98	4,745.48	480.36	-448.26	657.03	0.00	0.00	0.00
4,900.00	9.76	316.98	4,844.03	492.76	-459.83	673.98	0.00	0.00	0.00
5,000.00	9.76	316.98	4,942.58	505.15	-471.39	690.94	0.00	0.00	0.00
5,100.00	9.76	316.98	5,041.13	517.55	-482.96	707.89	0.00	0.00	0.00
5,200.00	9.76	316.98	5,139.69	529.94	-494.53	724.84	0.00	0.00	0.00

# Scientific Drilling

## Planning Report

**Database:** EDM 2003.16 Multi-User Db  
**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT NAD83 UTC  
**Site:** West Point  
**Well:** West Point G-6-9-16  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well West Point G-6-9-16  
**TVD Reference:** GL 5866' & RKB 12' @ 5878.00ft  
**MD Reference:** GL 5866' & RKB 12' @ 5878.00ft  
**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	9.76	316.98	5,238.24	542.34	-506.09	741.80	0.00	0.00	0.00
5,400.00	9.76	316.98	5,336.79	554.73	-517.66	758.75	0.00	0.00	0.00
5,500.00	9.76	316.98	5,435.34	567.13	-529.23	775.70	0.00	0.00	0.00
5,600.00	9.76	316.98	5,533.90	579.52	-540.79	792.66	0.00	0.00	0.00
5,700.00	9.76	316.98	5,632.45	591.92	-552.36	809.61	0.00	0.00	0.00
5,800.00	9.76	316.98	5,731.00	604.32	-563.93	826.57	0.00	0.00	0.00
5,900.00	9.76	316.98	5,829.55	616.71	-575.49	843.52	0.00	0.00	0.00
6,000.00	9.76	316.98	5,928.11	629.11	-587.06	860.47	0.00	0.00	0.00
6,100.00	9.76	316.98	6,026.66	641.50	-598.63	877.43	0.00	0.00	0.00
6,200.00	9.76	316.98	6,125.21	653.90	-610.19	894.38	0.00	0.00	0.00
6,300.00	9.76	316.98	6,223.76	666.29	-621.76	911.33	0.00	0.00	0.00
6,400.00	9.76	316.98	6,322.32	678.69	-633.33	928.29	0.00	0.00	0.00
6,402.72	9.76	316.98	6,325.00	679.02	-633.64	928.75	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
WP G-6-9-16 PBHL	0.00	0.00	6,325.00	679.02	-633.64	7,194,683.14	2,013,587.64	40° 3' 48.931 N	110° 9' 59.850 W
- hit/miss target									
- Shape									
- plan hits target center									
- Circle (radius 75.00)									

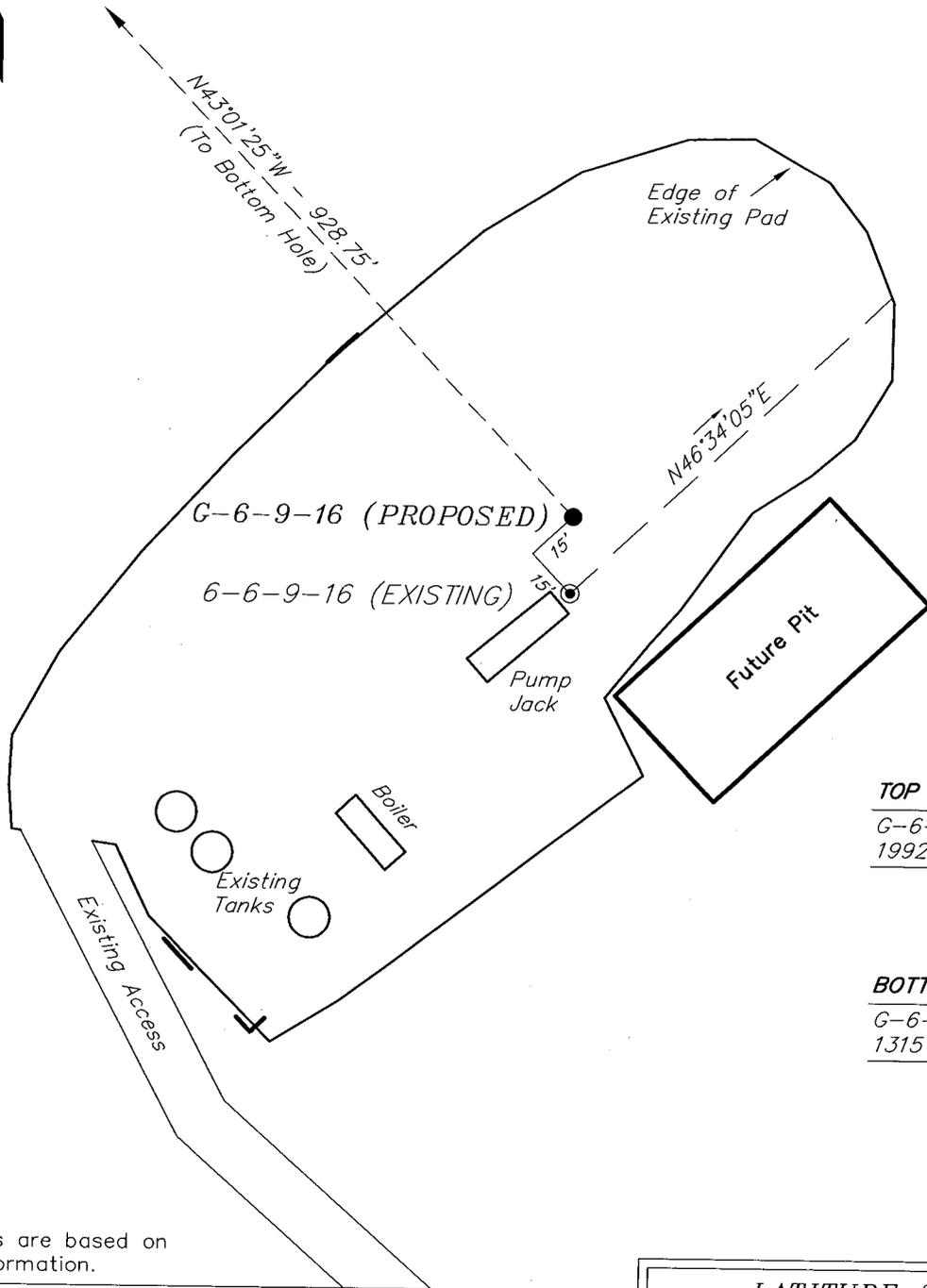
# NEWFIELD PRODUCTION COMPANY

## WELL PAD INTERFERENCE PLAT

WEST POINT G-6-9-16 (Proposed Well)

WEST POINT 6-6-9-16 (Existing Well)

Pad Location: SENW Section 6, T9S, R16E, S.L.B.&M.



**TOP HOLE FOOTAGES**

G-6-9-16 (PROPOSED)  
1992' FNL & 1870' FWL

**BOTTOM HOLE FOOTAGES**

G-6-9-16 (PROPOSED)  
1315' FNL & 1235' FWL

**Note:**

Bearings are based on GLO Information.

RELATIVE COORDINATES From top hole to bottom hole		
WELL	NORTH	EAST
G-6-9-16	679'	-634'

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)		
WELL	LATITUDE	LONGITUDE
G-6-9-16	40° 03' 42.22"	110° 09' 51.70"
6-6-9-16	40° 03' 42.01"	110° 09' 51.71"

SURVEYED BY: T.H.	DATE SURVEYED: 05-08-08
DRAWN BY: F.T.M.	DATE DRAWN: 05-16-08
SCALE: 1" = 50'	REVISED:

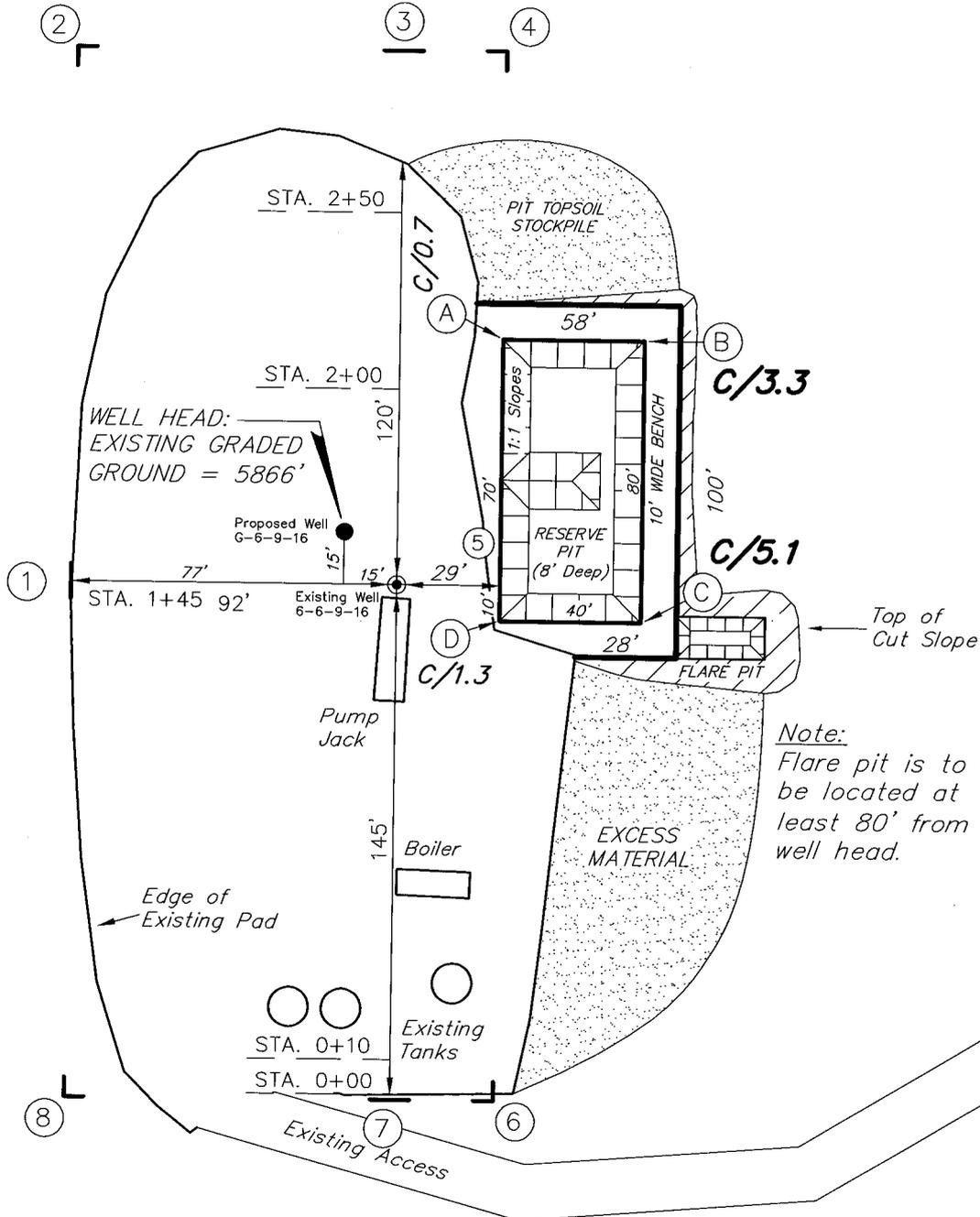
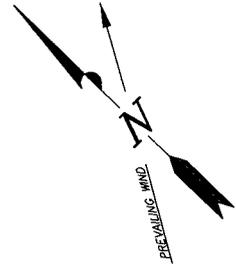
**Tri State** (435) 781-2501  
**Land Surveying, Inc.**  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

**WEST POINT G-6-9-16 (Proposed Well)**

**WEST POINT 6-6-9-16 (Existing Well)**

Pad Location: SENW Section 6, T9S, R16E, S.L.B.&M.



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

SURVEYED BY: T.H.	DATE SURVEYED: 05-08-08
DRAWN BY: F.T.M.	DATE DRAWN: 05-16-08
SCALE: 1" = 50'	REVISED:

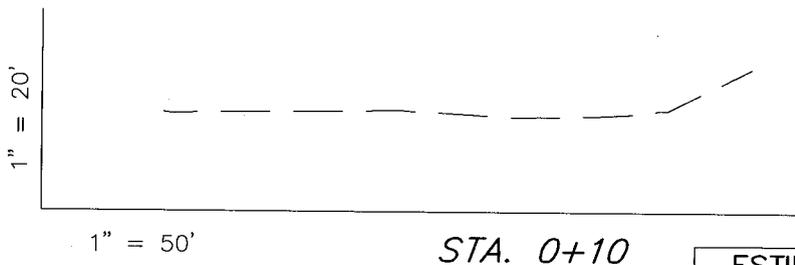
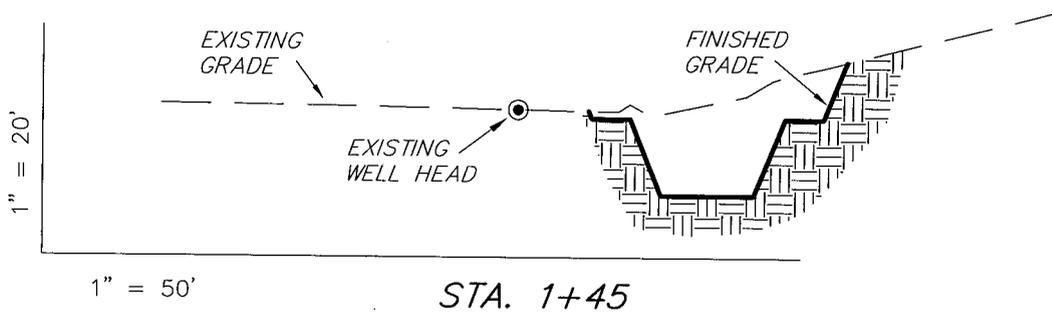
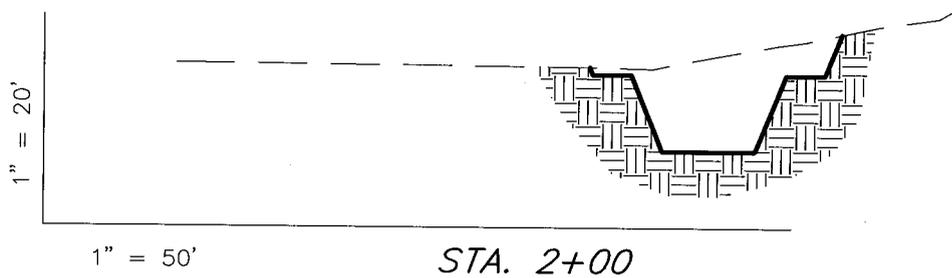
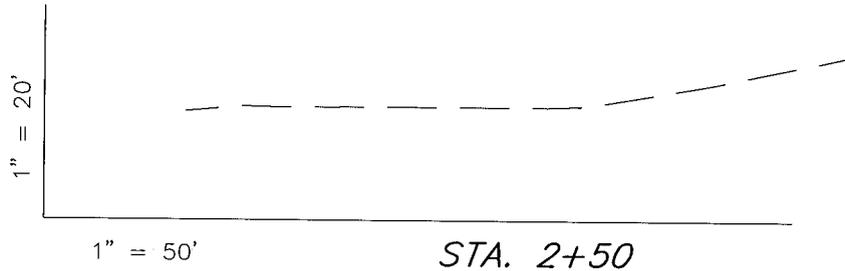
(435) 781-2501  
**Tri State**  
**Land Surveying, Inc.**  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEW FIELD PRODUCTION COMPANY

## CROSS SECTIONS

WEST POINT G-6-9-16 (Proposed Well)

WEST POINT 6-6-9-16 (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	670	0	Topsoil is not included in Pad Cut	670
PIT	640	0		640
TOTALS	1,310	0	140	1,310

SURVEYED BY: T.H.	DATE SURVEYED: 05-08-08
DRAWN BY: F.T.M.	DATE DRAWN: 05-16-08
SCALE: 1" = 50'	REVISED:

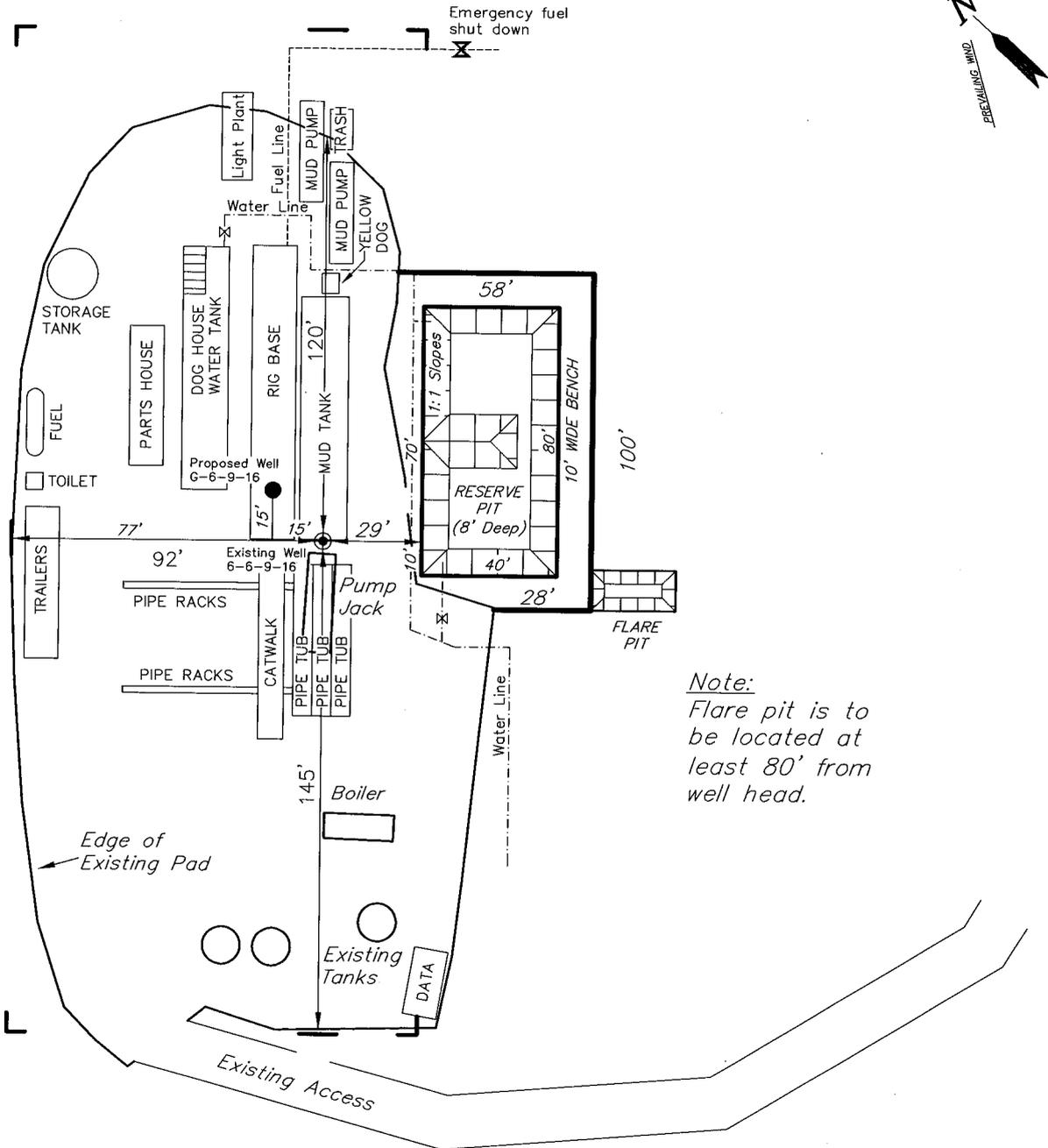
**Tri State** (435) 781-2501  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

WEST POINT G-6-9-16 (Proposed Well)

WEST POINT 6-6-9-16 (Existing Well)



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

SURVEYED BY: T.H.	DATE SURVEYED: 05-08-08
DRAWN BY: F.T.M.	DATE DRAWN: 05-16-08
SCALE: 1" = 50'	REVISED:

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

# Newfield Production Company Proposed Site Facility Diagram

West Point Federal G-6-9-16

From the 6-6-9-16 Location

SE/NW Sec. 6, T9S, R16E

Duchesne County, Utah

UTU-74390

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

**Production Phase:**

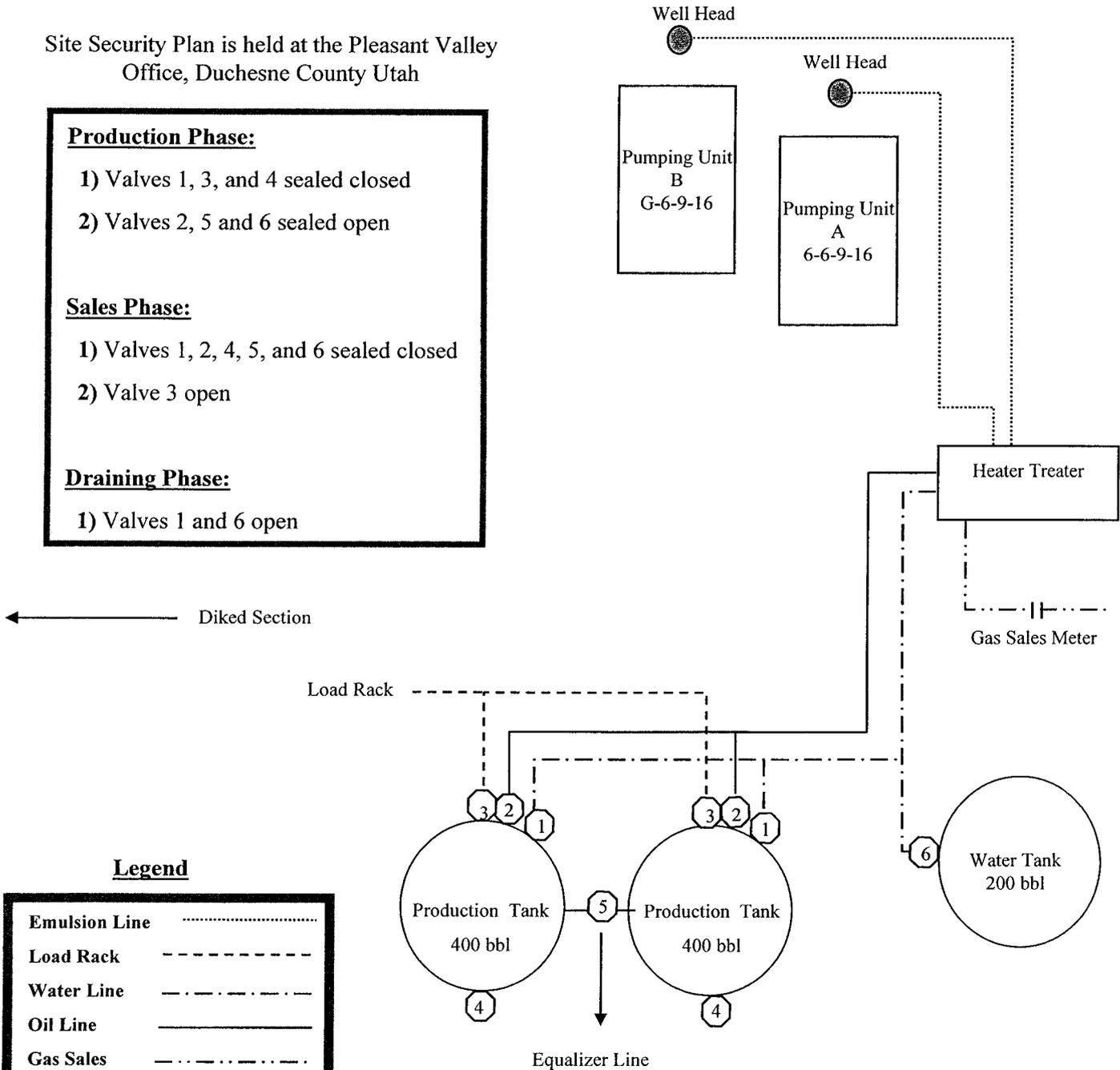
- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5 and 6 sealed open

**Sales Phase:**

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

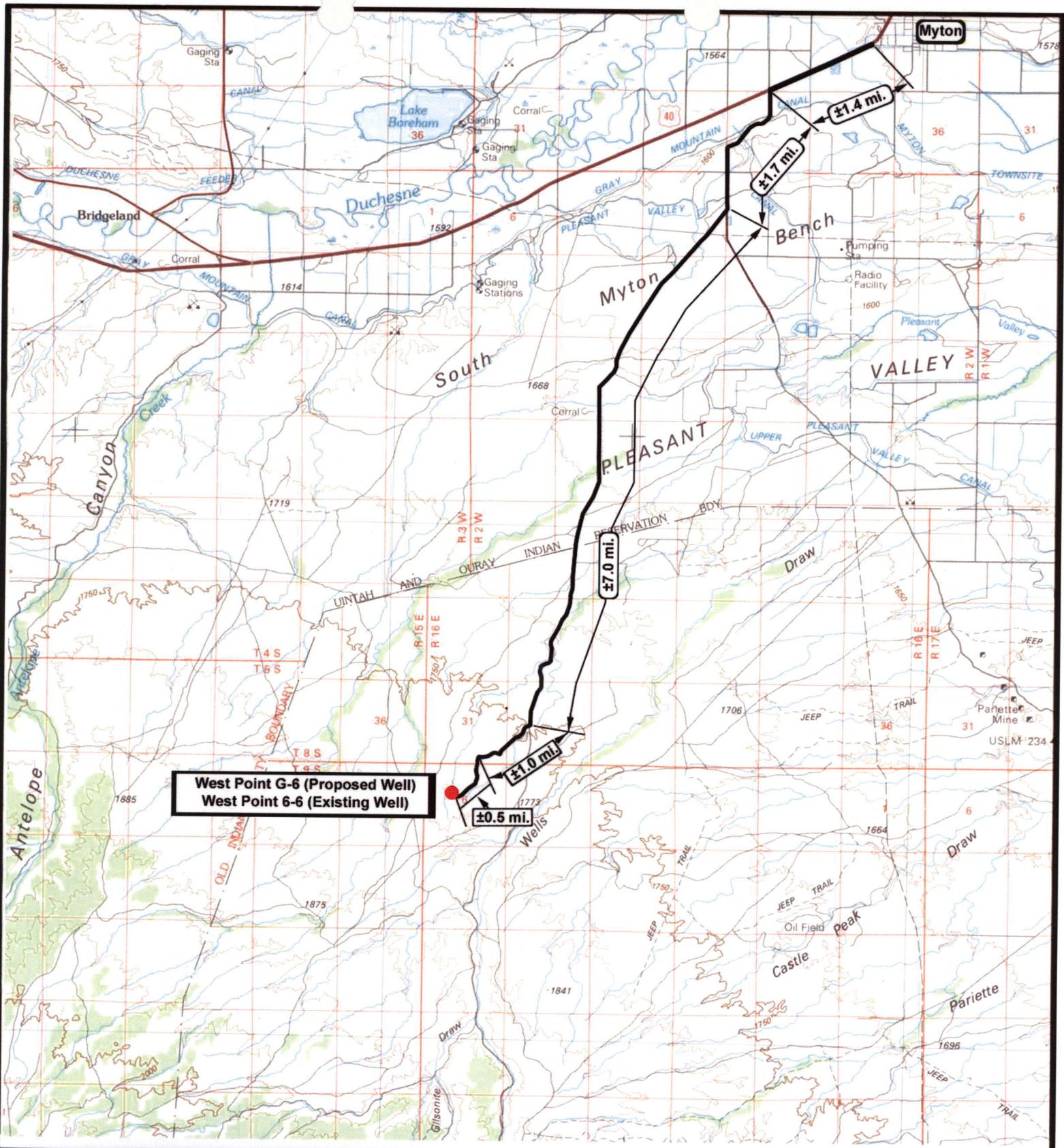
**Draining Phase:**

- 1) Valves 1 and 6 open



**Legend**

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



**West Point G-6 (Proposed Well)**  
**West Point 6-6 (Existing Well)**



**NEWFIELD**  
Exploration Company

---

**West Point G-6-9-16 (Proposed Well)**  
**West Point 6-6-9-16 (Existing Well)**  
 Pad Location: SENW SEC. 6, T9S, R16E, S.L.B.&M.




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

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SCALE: 1 = 100,000  
 DRAWN BY: JAS  
 DATE: 05-21-2008

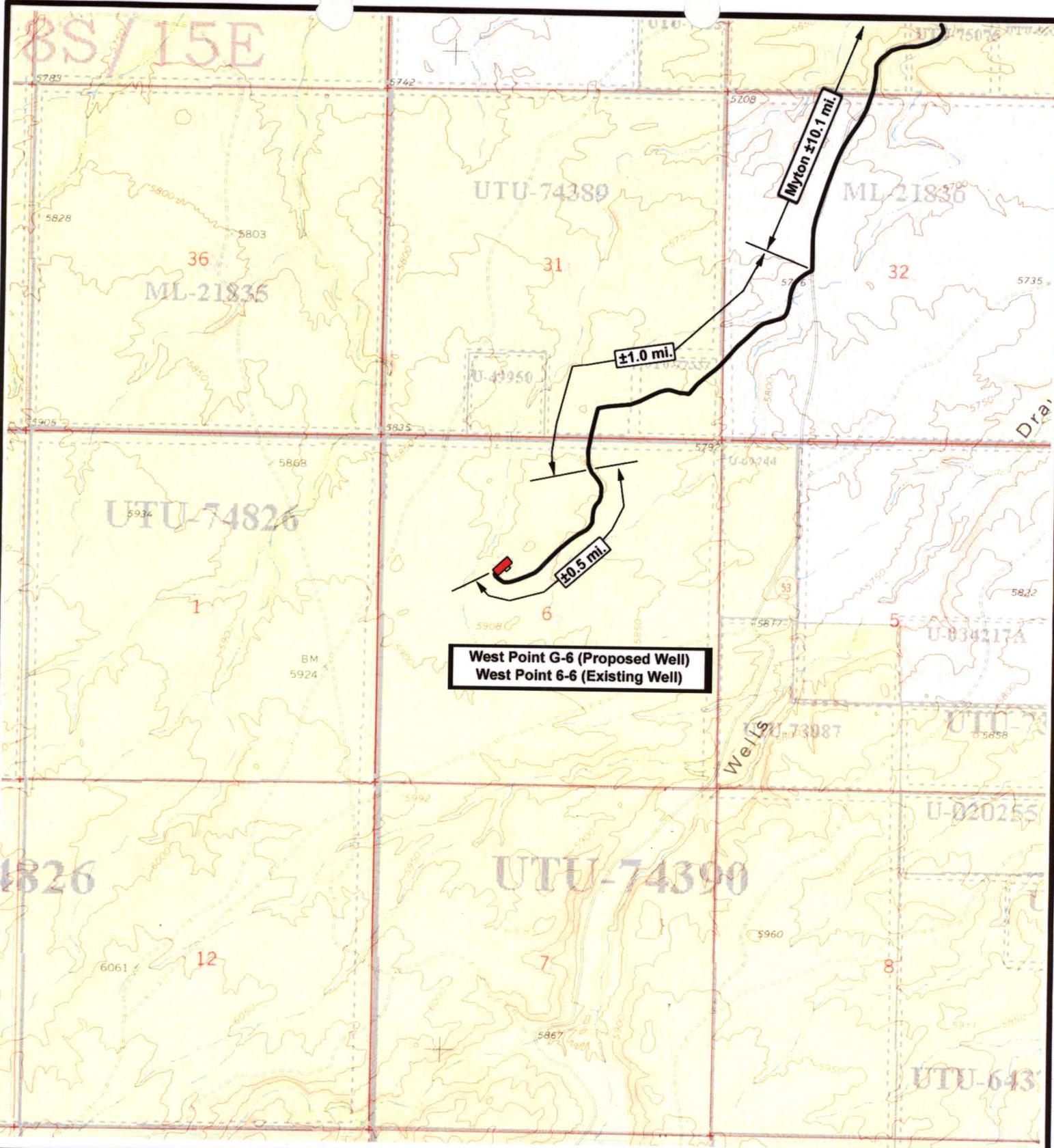
**Legend**

— Existing Road

---

TOPOGRAPHIC MAP

**"A"**



West Point G-6 (Proposed Well)  
 West Point 6-6 (Existing Well)



**NEWFIELD**  
 Exploration Company

**West Point G-6-9-16 (Proposed Well)**  
**West Point 6-6-9-16 (Existing Well)**  
 Pad Location: SENW SEC. 6, T9S, R16E, S.L.B.&M.



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

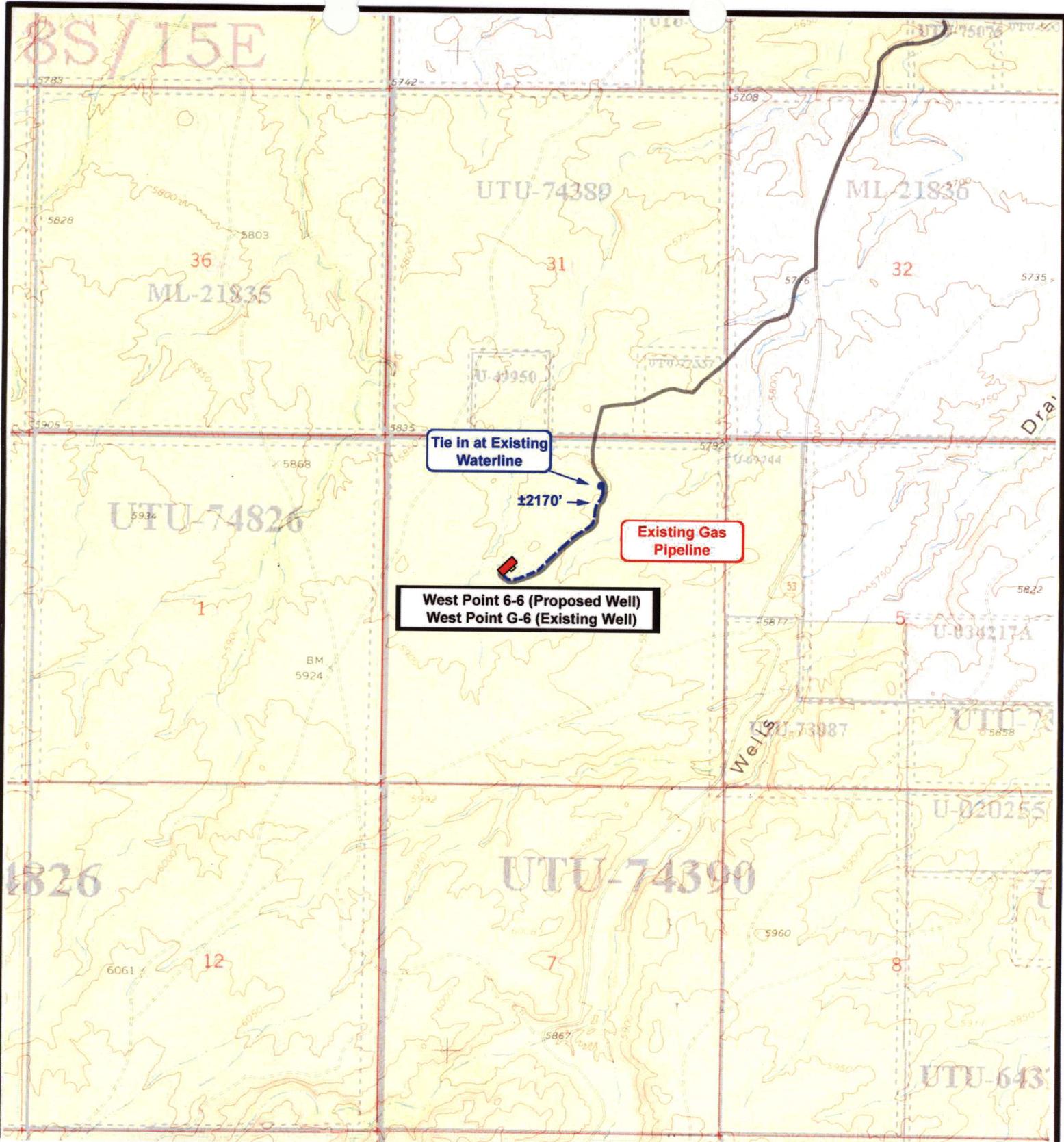
SCALE: 1" = 2,000'  
 DRAWN BY: JAS  
 DATE: 05-21-2008

**Legend**

Existing Road

TOPOGRAPHIC MAP

**"B"**




**NEWFIELD**  
Exploration Company

---

**West Point G-6-9-16 (Proposed Well)**  
**West Point 6-6-9-16 (Existing Well)**  
Pad Location: SENW SEC. 6, T9S, R16E, S.L.B.&M.




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

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SCALE: 1" = 2,000'  
DRAWN BY: JAS  
DATE: 05-21-2008

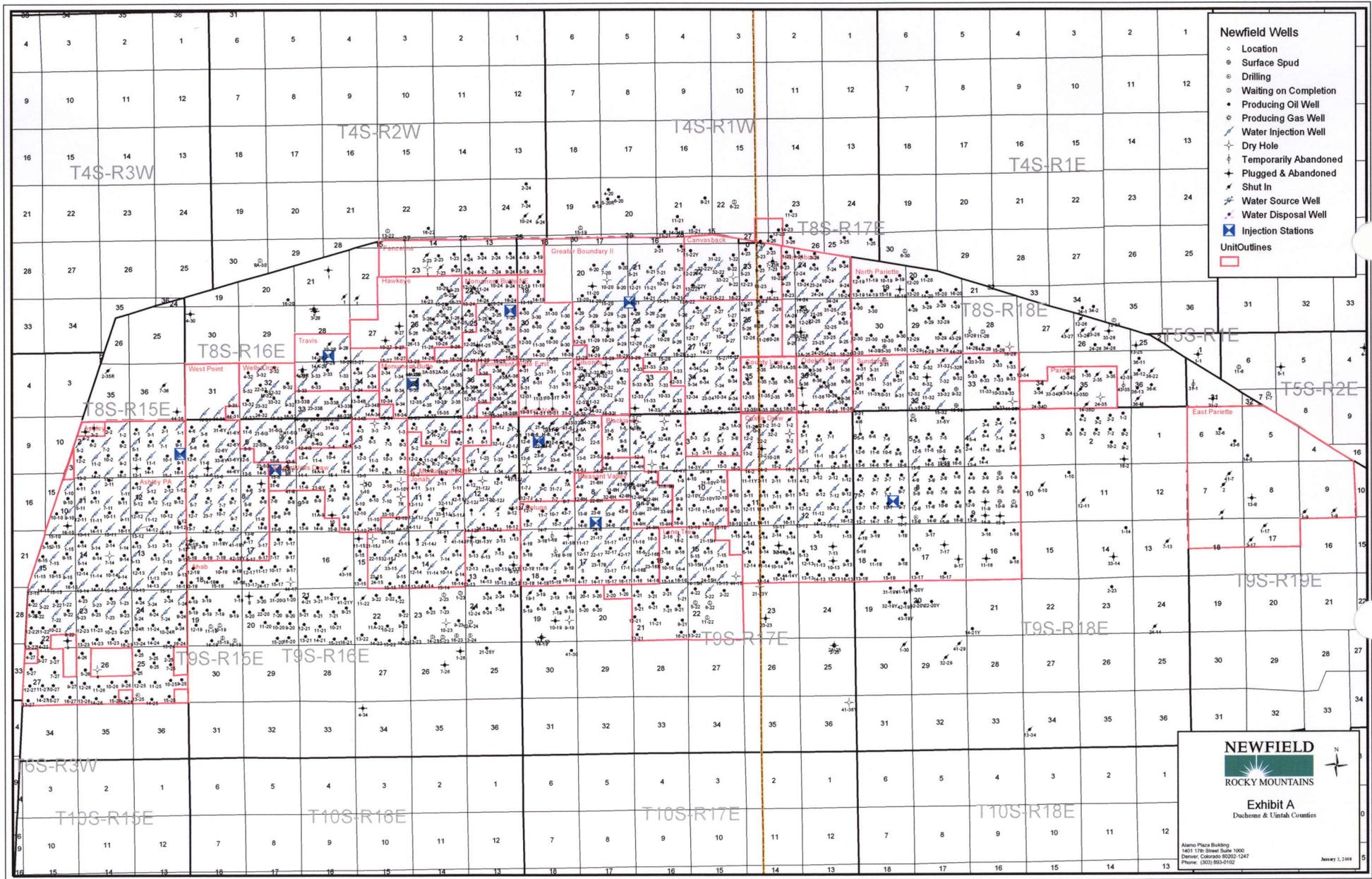
**Legend**

-  Roads
-  Proposed Water Line

---

TOPOGRAPHIC MAP

"C"



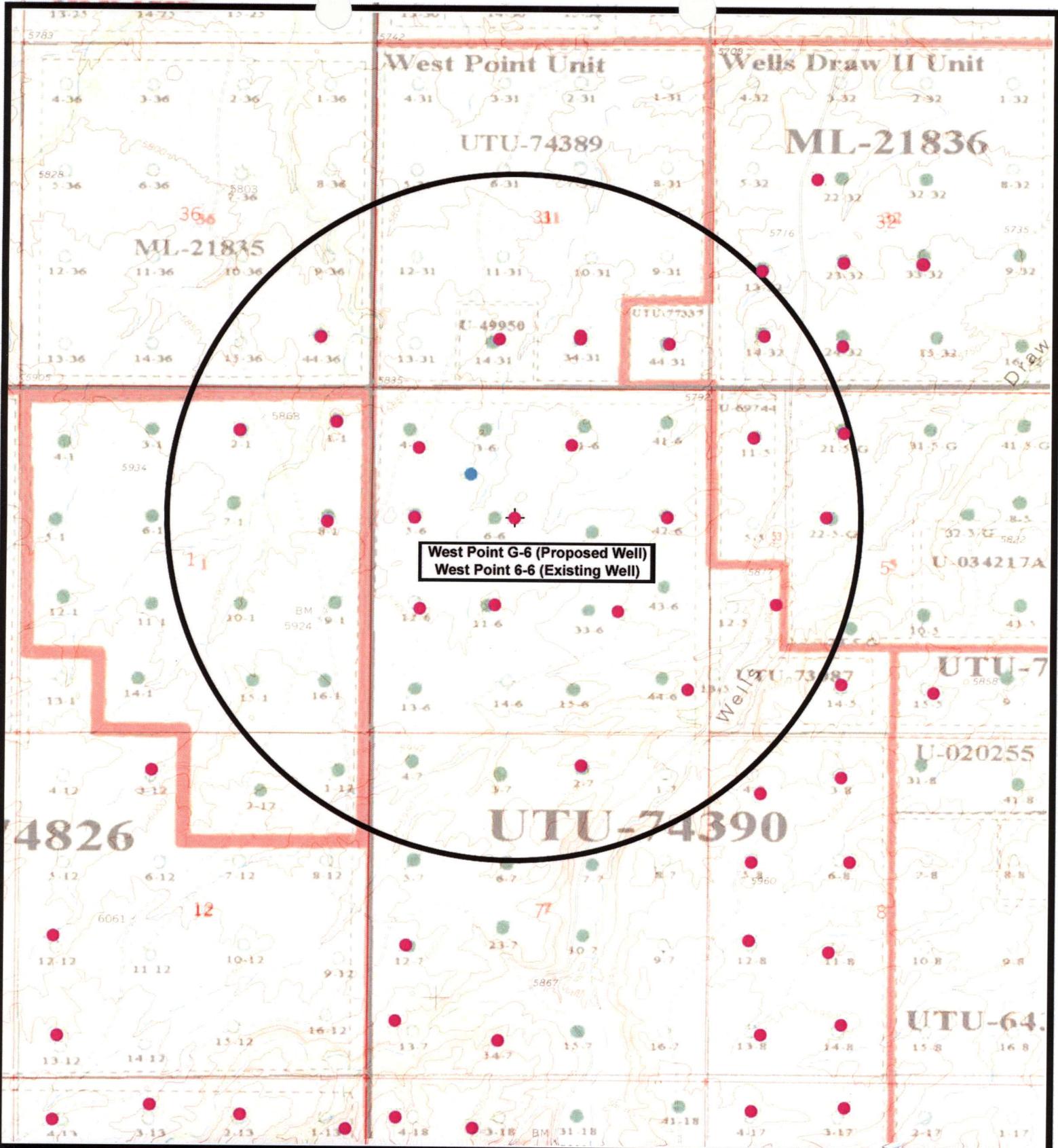
- Newfield Wells**
- Location
  - Surface Spud
  - ⊙ Drilling
  - Waiting on Completion
  - Producing Oil Well
  - Producing Gas Well
  - ⊙ Water Injection Well
  - ⊙ Dry Hole
  - ⊙ Temporarily Abandoned
  - ⊙ Plugged & Abandoned
  - ⊙ Shut In
  - ⊙ Water Source Well
  - ⊙ Water Disposal Well
  - ⊙ Injection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

**NEWFIELD**  
ROCKY MOUNTAINS

Exhibit A  
Duchene & Uintah Counties

Alamo Plaza Building  
1401 17th Street Suite 1000  
Denver, Colorado 80202-1247  
Phone: (303) 955-0102

January 3, 2008



**NEWFIELD**  
Exploration Company

**West Point G-6-9-16 (Proposed Well)**  
**West Point 6-6-9-16 (Existing Well)**  
Pad Location: SENW SEC. 6, T9S, R16E, S.L.B.&M.

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

SCALE: 1" = 2,000'  
DRAWN BY: JAS  
DATE: 05-21-2008

**Legend**

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

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

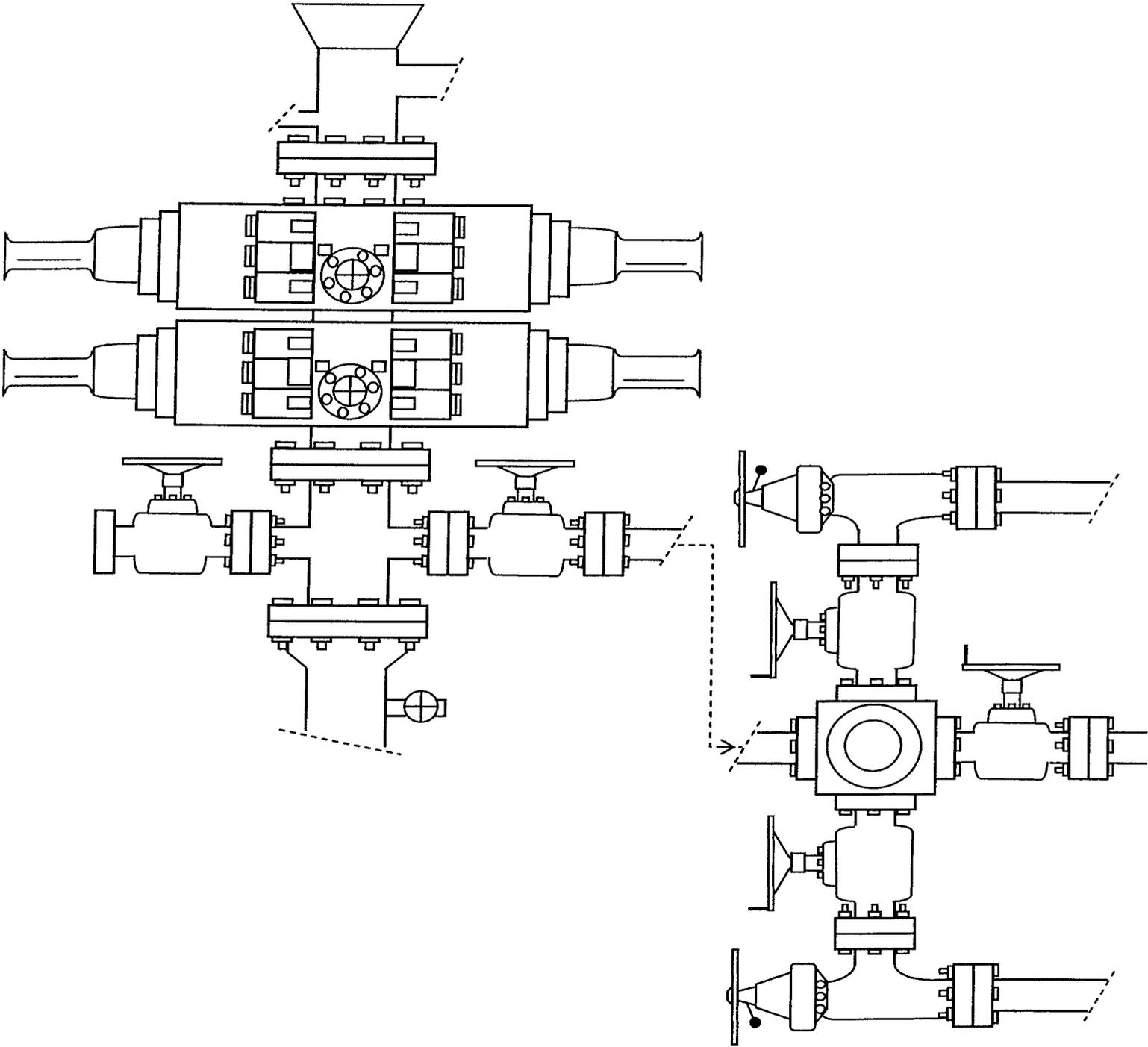


EXHIBIT C

Exhibit "D"  
1 of 2

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

By:

Jacki A. Montgomery

Prepared for:

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

Prepared Under Contract With:

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

Submitted By:

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

MOAC Report No. 08-169

August 5, 2008

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

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

**NEWFIELD EXPLORATION COMPANY**

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

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

**REPORT OF SURVEY**

Prepared for:

**Newfield Exploration Company**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
June 25, 2008

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 09/08/2008

API NO. ASSIGNED: 43-013-34076

WELL NAME: W POINT FED G-6-9-16  
 OPERATOR: NEWFIELD PRODUCTION ( N2695 )  
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SENW 06 090S 160E  
 SURFACE: 1992 FNL 1870 FWL  
 BOTTOM: 1315 FNL 1235 FWL  
 COUNTY: DUCHESNE  
 LATITUDE: 40.06176 LONGITUDE: -110.1637  
 UTM SURF EASTINGS: 571326 NORTHINGS: 4434737  
 FIELD NAME: MONUMENT BUTTE ( 105 )

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

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-74390  
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. WYB000493 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 43-7478 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

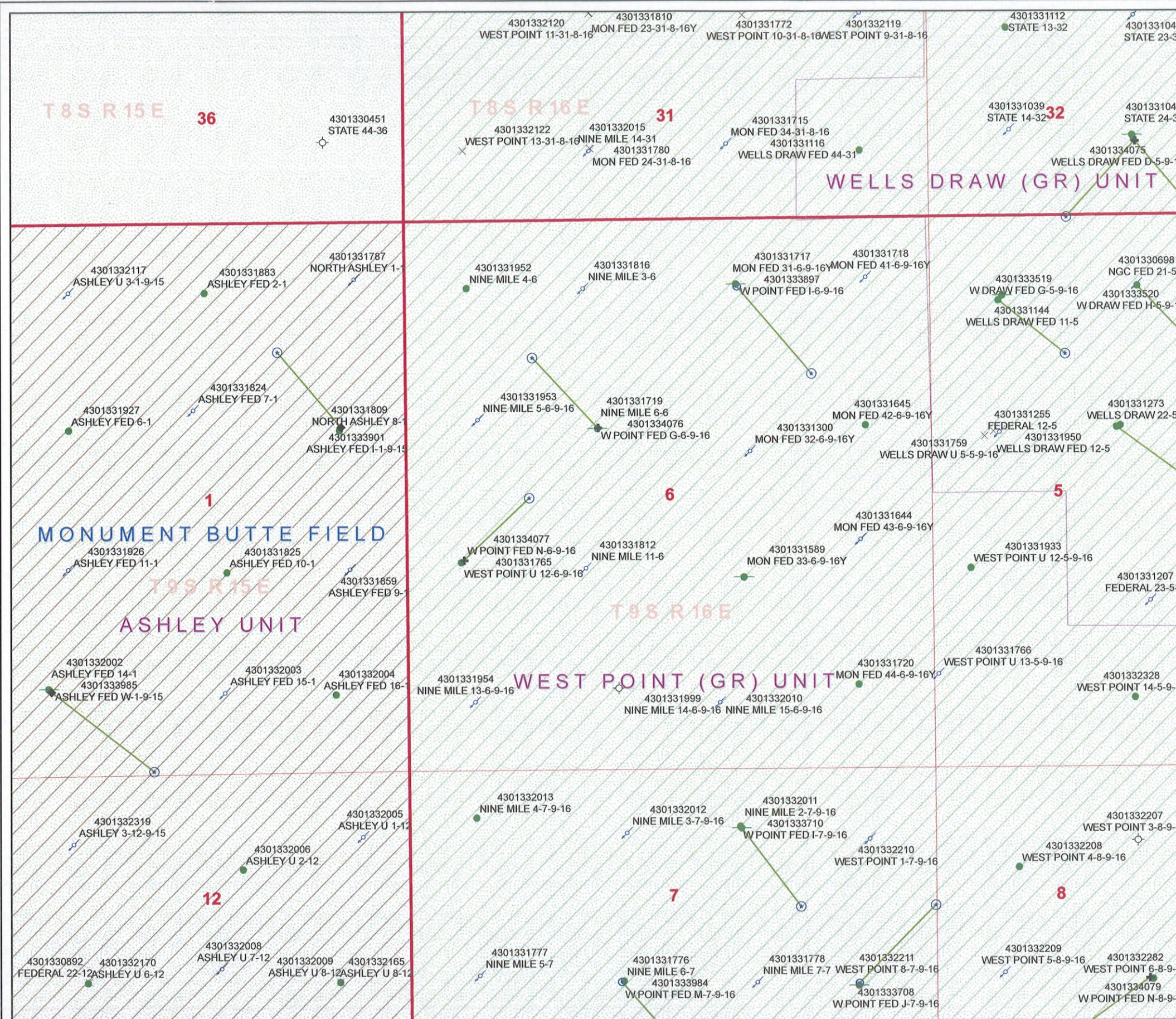
LOCATION AND SITING:

- R649-2-3.
- Unit: WEST POINT (GRRV)
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: 231-2  
Eff Date: 5-14-1998  
Siting: Suspends General Siting
- R649-3-11. Directional Drill

COMMENTS: Sep, Separate file

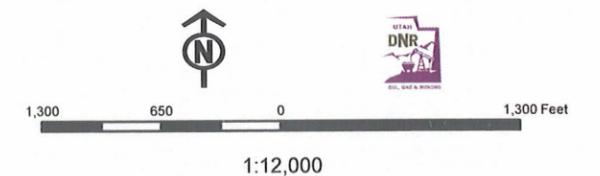
STIPULATIONS: 1- Sealed Approval

**API Number: 4301334076**  
**Well Name: W POINT FED G-6-9-16**  
 Township 09.0 S Range 16.0 E Section 06  
 Meridian: SLBM  
 Operator: NEWFIELD PRODUCTION COMPANY



Map Prepared:  
 Map Produced by Diana Mason

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





September 4, 2008

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

RE: Directional Drilling  
**West Point Federal G-6-9-16**  
West Point Unit  
UTU-77107X  
Surface Hole: T9S R16E, Section 6: SENW  
1992' FNL 1870' FWL  
At Target: T9S R16E, Section 6  
1315' FNL 1235' FWL  
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated August 27, 2008, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and target location of this well are both within the boundaries of the West Point Unit UTU-77107X. Newfield certifies that it is the West Point Unit Operator and all lands within 460 feet of the entire directional well bore are within the West Point Unit.

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

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

Sincerely,

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

Roxann Eveland  
Land Associate

RECEIVED  
SEP 08 2008  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

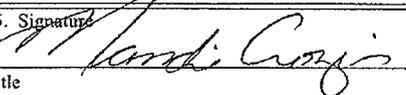
FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-74390
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. West Point Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. West Point Federal G-6-9-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No.
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/NW 1992' FNL 1870' FWL At proposed prod. zone 1315' FNL 1235' FWL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 10.7 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 6, T9S R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1235' f/lse, 1235' f/unit	16. No. of Acres in lease 2037.19	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. 1330'	19. Proposed Depth 6325'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5866' GL	22. Approximate date work will start* 4th Quarter 2008	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 8/27/08
Title Regulatory Specialist		

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

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

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

\*(Instructions on reverse)

RECEIVED  
SEP 08 2008  
DIV. OF OIL, GAS & MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:  
3160  
(UT-922)

September 16, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2008 Plan of Development West Point Unit, Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the West Point Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-34076	W Point Fed G-6-9-16	Sec 06 T09S R16E 1992 FNL 1870 FWL BHL Sec 06 T09S R16E 1315 FNL 1235 FWL
43-013-34077	W Point Fed N-6-9-16	Sec 06 T09S R16E 2030 FSL 0545 FWL BHL Sec 06 T09S R16E 2624 FSL 1195 FWL
43-013-34078	W Point Fed K-7-9-16	Sec 07 T09S R16E 1982 FSL 0643 FEL BHL Sec 07 T09S R16E 2685 FSL 0050 FEL
43-013-34079	W Point Fed N-8-9-16	Sec 08 T09S R16E 2035 FNL 2087 FWL BHL Sec 08 T09S R16E 2580 FNL 1320 FWL

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

/s/ Michael L. Coulthard

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



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

September 16, 2008

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

Re: West Point Federal G-6-9-16 Well, Surface Location 1992' FNL, 1870' FWL, SE NW, Sec. 6, T. 9 South, R. 16 East, Bottom Location 1315' FNL, 1235' FWL, SE NW, Sec. 6, 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 43-013-34076.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

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

Operator: Newfield Production Company  
Well Name & Number West Point Federal G-6-9-16  
API Number: 43-013-34076  
Lease: UTU-74390

Surface Location: SE NW      Sec. 6      T. 9 South      R. 16 East  
Bottom Location: SE NW      Sec. 6      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 Dustin Doucet at (801) 538-5281 (801) 733-0983 home

**3. Reporting Requirements**

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

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

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

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VERNAL FIELD OFFICE

Form 3160-3  
(September 2001)

2008 SEP 5 PM 12:50

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

DEPT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-74390
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. West Point Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. West Point Federal G-6-9-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-34076
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SE/NW 1992' FNL 1870' FWL At proposed prod. zone 1315' FNL 1235' FWL <b>LOT 3</b>		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 10.7 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 6, T9S R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any) Approx. 1235' f/ise, 1235' f/unit	16. No. of Acres in lease 2037.19	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. 1330'	19. Proposed Depth 6325'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5866' GL	22. Approximate date work will start* 4th Quarter 2008	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 8/27/08
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) TERRY KENCZKA	Date NOV 06 2008
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)

NOS 6/1/08

AFMSS# 081P0852A

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NOV 20 2008

DIV. OF OIL, GAS & MINING

CONDITIONS OF APPROVAL ATTACHED

UDOGM

NOTICE OF APPROVAL



**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:** West Point Federal G-6-9-16  
**API No:** 43-013-34076

**Location:** SENW, Sec. 6, T9S, R16E  
**Lease No:** UTU-74390  
**Agreement:** West Point (GR) SR 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
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

**Fax: (435) 781-3420**

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

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

**NOTIFICATION REQUIREMENTS**

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

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

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

**SITE SPECIFIC CONDITIONS OF APPROVAL**

**Lease Notices from RMP:**

- The lessee/operator is given notice the area has been identified as containing Golden eagle habitat. Modifications may be required in the Surface Use Plan to protect the Golden eagle and/or its habitat from surface disturbance activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

**Comments:**

None

**Follow-up Actions and/or Recommendations:**

**Please be aware that this Special Status Species wildlife clearance is effective for 1 year from the date of the onsite date. Any proposals submitted after the date of this report (onsite) should require additional surveys and clearances.**

**CONDITIONS OF APPROVAL:**

- **Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim/Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.**
- **Notify the Authorized Officer 48 hours prior to surface disturbing activities.**
- **Interim Reclamation:**

The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be **seeded using a rangeland drill**. Seeding depth as per AO, or seed distributor. If portions of the site are too steep (>40%), or rocky, that portion may be broadcast seeded. If broadcasting seed, the seed shall be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain. Seeding shall occur in the fall (August 1<sup>st</sup> until snow or ground is frozen) with the following seed mix:

**Seed mix:**

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirreltail grass	<i>Elymus elymoides</i>	3.0	¼ - ½"
Siberian wheatgrass	<i>Agropyron fragile</i>	1.0	½"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	½"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	½"
Gardner's saltbush	<i>Atriplex gardneri</i>	0.50	½"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	⅛ - ¼"

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

• **Final reclamation:**

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

- 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.
- 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 (see above). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.

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

**SITE SPECIFIC DOWNHOLE COAs:**

- A copy of Newfield's Standard Operating Practices (SOP version: dated 4/18/08 and approved 5/12/08) shall be on location.
- Drilling plan specifics and practices are referenced in the Newfield Standard Operating Procedures (SOP version: April 18, 2008). The operators drilling plan items 4 to 8 reference the SOP. Newfield shall adhere to the referenced requirements in the SOP. Newfield and their contractors shall adhere to all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal Onshore Oil and Gas Orders except where variances have been granted.
- Production casing cement shall be brought up and into the surface.
- Covering air/gas drilling operations, requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E. 1. Drilling Operations, Special Drilling Operations, air/gas drilling.
- Logging: A Gamma Ray well Log shall be run from the well Total Depth to the surface. A copy of the Gamma Ray well Log shall be submitted to the BLM Vernal Field Office.
- A copy of the directional survey shall be submitted to the BLM Vernal Field Office.
- **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.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_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.

Spud

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig  
Name/# Ross #21 Submitted By Alvin  
Nielsen Phone Number 435-823-  
7468  
Well Name/Number West Point Fed G-6-9-  
16  
Qtr/Qtr SE/NW Section 6 Township 9S Range  
16E  
Lease Serial Number UTU  
74390  
API Number 43-013-  
34076

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

Date/Time 4/25/09 9:00 AM   
PM

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

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

Date/Time 4/5/09 3:00 AM  PM

BOPE

Initial BOPE test at surface casing point

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

Date/Time \_\_\_\_\_ AM  PM

Remarks Ross Rig # 21 spud the West Point Federal G-6-9-16  
on 4/25/09 @ 9:00 AM & Run casing around 3:00 PM 4/25/09.

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.  
USA UTU-74390

6. If Indian, Allottee or Tribe Name.

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

7. If Unit or CA/Agreement, Name and/or  
WEST POINT UNIT

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
WEST POINT FEDERAL G-6-9-16

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

9. API Well No.  
4301334076

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

3b. Phone (include are code)  
435.646.3721

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

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

11. County or Parish, State

Section 6 T9S R16E

DUCHESNE, UT

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

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

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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 4/25/09 MIRU Ross # 21. Spud well @ 9:00am. Drill 320' of 12 1/4" hole with air mist. TIH W/ 8 Jt's 8 5/8" J-55 24 # csgn. Set @ 321.20' On 4/28/09 Cement with 160 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 5 bbls cement to pit. WOC.

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

Title  
Drilling Foreman

Signature  
*Don Bastian*

Date  
04/28/2009

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

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

Title \_\_\_\_\_ Date \_\_\_\_\_  
Office \_\_\_\_\_

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

(Instructions on page 2)

**RECEIVED**

**APR 30 2009**

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





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	99999	12418 ✓	4301334076	WEST POINT FEDERAL G-6-9-16	SENW	6	9S	16E	DUCHESNE	4/25/2009	5/19/09
WELL 1 COMMENTS: <i>GRRV</i> <i>BHL = SENW</i>											
B	99999	12417 ✓	4301334161	LONE TREE FEDERAL 14-21-9-17	SESW	21	9S	17E	DUCHESNE	4/29/2009	5/19/09
<i>GRRV</i>											
A	99999	17310	4301333424	FEDERAL 2-29-9-16	NWNE	29	9S	16E	DUCHESNE	4/28/2009	5/19/09
<i>GRRV</i>											
B	99999	11880 ✓	4301334122	BELUGA STATE G-16-9-17	NENW	16	9S	17E	DUCHESNE	4/17/2009	5/19/09
<i>GRRV</i> <i>BHL = NENW</i>											
A	99999	17311	4301333586	FEDERAL 12-22-9-16	NWSE	22	9S	16E	DUCHESNE	4/28/2009	5/19/09
WELL 5 COMMENTS: <i>GRRV</i> <i>NWSW</i>											
A	99999	17312	4301334230	STATE 5-36-8-15	SWNW	36	8S	15E	DUCHESNE	4/27/2009	5/19/09
WELL 5 COMMENTS: <i>GRRV</i>											

ACTION CODES (See instructions on back of form)

- A - 1 new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

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

RECEIVED

APR 30 2009

DIV. OF OIL, GAS & MINING

Signature: *[Handwritten Signature]*  
 Jentri Park  
 Production Clerk  
 Date: *4/30/09*  
~~04/17/09~~

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include area code)  
435.646.3721

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

Section 6 T9S R16E

5. Lease Serial No.

USA UTU-74390

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
WEST POINT UNIT

8. Well Name and No.

WEST POINT FEDERAL G-6-9-16

9. API Well No.

4301334076

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

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

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

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

On 5/25/09 MIRU NDSI Rig # 1. 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 @ 265'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6355'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 163 jt's of 5.5 J-55, 15.5# csgn. Set @ 6351.64' / KB. Cement with 280 sks cement mixed @ 11.0 ppg & 3.43 yld. The 400 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 30 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 90,000 #'s tension. Release rig @ 2:00 PM on 5/30/09.

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

Jim Smith

Signature

Title

Drilling Foreman

Date

06/21/2009

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

Approved by

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

Title

Date

Office

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

(Instructions on page 2)

**RECEIVED**

**JUN 23 2009**

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





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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-74390

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
WEST POINT UNIT

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
WEST POINT FEDERAL G-6-9-16

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301334076

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:  
MONUMENT BUTTE

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE:

COUNTY: DUCHESNE

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: , 6, T9S, R16E

STATE: UT

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

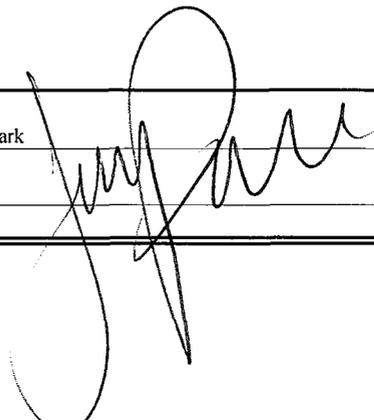
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 07/02/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The above subject well was completed on 06/23/09, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE 

DATE 07/02/2009

(This space for State use only)

**RECEIVED**  
**JUL 06 2009**  
DIV. OF OIL, GAS & MINING

## Daily Activity Report

Format For Sundry

**W POINT G-6-9-16**

**4/1/2009 To 8/30/2009**

**6/10/2009 Day: 1**

**Completion**

Rigless on 6/10/2009 - pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL. WLTD @ 6255' cement top @ 42'. Perforate stage #1. CP5 sds @ 6,181-6,187'. - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6255' cement top @ 42'. Perforate stage #1. CP5 sds @ 6,181-6,187' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 24 shots. We were not able to shoot the BLKSH @ 6,278-6,282' b/c we tagged @ 6255' w/ bond log tool. 147 BWTR. SWIFN.

**Daily Cost: \$0**

**Cumulative Cost: \$10,467**

**6/17/2009 Day: 2**

**Completion**

Rigless on 6/17/2009 - Frac & Perforate all 6 stages. Flowback well. - Stage #3 LODC sds. RU PSI WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug, 3' & 3' perf guns. Set plug @ 5680'. Perforate LODC sds @ 5614- 17', 5560- 63' w/ 3 1/8" Slick Guns w/ 3 spf for total of 18 shots. RU BJ Services. 1871 psi on well. Broke @ 4020 psi, No ISIP, 1 min or 4 min due to low pressure. Pumped 780 gal of 767W Techni-Hib. Frac LODC sds w/ 15,486#'s of 20/40 sand in 295 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2615 psi w/ ave rate of 22.2 BPM. Pumped 504 gals of 15% HCL acid in flush for stage 4. ISIP 2103 psi, 5 min @ 1985 psi, 10 min @ 1956 psi, 15 min @ 1936 psi. FG .82. Leave pressure on well. 1255 BWTR - Stage #4 B1 sds. RU PSI WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug & 6' perf guns. Set plug @ 5310'. Perforate B1 sds @ 5245- 51' w/ 3 1/8" Slick Guns w/ 3 spf for total of 18 shots. RU BJ Services. 1852 psi on well. Broke @ 4118 psi. No ISIP, 1 min or 4 min due to low pressure. Pumped 780 gal of 767W Techni-Hib. Frac B1 sds w/ 19,339#'s of 20/40 sand in 339 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2100 psi w/ ave rate of 16 BPM. Pumped 504 gals of 15% HCL acid in flush for stage 5. ISIP 2025 psi, 5 min @ 1827 psi, 10 min @ 1748 psi, 15 min @ 1718 psi. FG .83. Leave pressure on well. 1594 BWTR - Stage #1 CP5 sds. RU BJ Services. 0 psi on well. Broke @ 3118 psi @ 3.6 BPM. ISIP @ 1690 psi, 1 min @ 1530 psi, 4 min @ 1468 psi. FG @ .71. Pumped 780 gal of 767W Techni-Hib. Frac CP5 sds w/ 15,310#'s of 20/40 sand in 251 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2500 psi w/ ave rate of 16 BPM. Pumped 504 gals of 15% HCL acid in flush for stage 2. ISIP 2369 psi, 5 min @ 2297 psi, 10 min @ 2222 psi, 15 min @ 2170 psi. FG @ .82. Leave pressure on well. 468 BWTR. - Stage #5 C sds. RU PSI WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug, 3', 2' & 2' perf guns. Set plug @ 5200'. Perforate C sds @ 5160- 63', 5154- 56', 5143- 45' w/ 3 1/8" Slick Guns w/ 3 spf for total of 21 shots. RU BJ Services. 1525 psi on well. Broke @ 3971 psi, ISIP @ 1718 psi, 1 min @ psi, No 4 min due to low pressure. FG .77. Pumped 780 gal of 767W Techni-Hib. Frac C sds w/ 56,003#'s of 20/40 sand in 505 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2650 psi w/ ave rate of 27.2 BPM. Pumped 504 gals of 15% HCL acid in flush for stage 6. ISIP 2456 psi, 5 min @ 2269 psi, 10 min @ 2140 psi, 15 min @ 1986 psi. FG .92. Leave pressure on well. 2099 BWTR. - Stage #2 CP.5 & CP2 sds. RU PSI WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug, 6' & 4' perf guns. Set plug @ 6000'. Perforate CP2 sds @ 5932- 38', CP.5 sds @ 5874- 78' w/ 3 1/8" Slick Guns w/ 3 spf for total of 30 shots. RU BJ Services. 1949 psi on well. Broke @ 1949 psi, NO 1 min or 4 min due to low pressure. Pumped 780 gal of 767W Techni-Hib. Frac CP.5 & CP2 sds w/ 50,947#'s of 20/40 sand in 492 bbls of Lightning 17 fluid. Treated w/ ave

pressure of 2843 psi w/ ave rate of 27 BPM. Pumped 504 gals of 15% HCL acid in flush for stage 3. ISIP 2377 psi, 5 min @ 2185 psi, 10 min @ 2069 psi, 15 min @ 2006 psi. FG .84. Leave pressure on well. 960 BWTR - Stage #6 GB4 & GB6 sds. RU PSI WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug, 2', 5' & 2' perf guns. Set plug @ 4560'. Perforate GB6 sds @ 4492- 94', GB4 sds @ 4435- 40', 4396- 98' w/ 3 1/8" Slick Guns w/ 3 spf for total of 27 shots. RU BJ Services. 1380 psi on well. Broke @ 1696 psi, No ISIP, 1 min or 4 min due to low pressure. Pumped 780 gal of 767W Techni-Hib. Frac GB4 & GB6 sds w/ 39,413#'s of 20/40 sand in 398 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2341 psi w/ ave rate of 33.9 BPM. ISIP 2023 psi, 5 min @ 1870 psi, 10 min @ 1807 psi, 15 min @ 1772 psi. FG .90. Begin immediate flowback on 20/64 choke @ 3 BPM. Flowed for hrs & died. Rec 983 BTF. SIWFN w/ 1116 BWTR.

**Daily Cost:** \$0

**Cumulative Cost:** \$100,557

**6/19/2009 Day: 3**

**Completion**

WWS #3 on 6/19/2009 - MIRU Western #3. PU 1738' of tbg. - MIRU, Western #3. 600 psi on well. Bleed off pressure. Flowed for 1 1/2" hrs & died. ND Cameron BOP & 5M WH. NU 3M WH & Schaffer BOP. Talley, PU & RIH w/ 4 3/4" bit, bit sub & 55- jts of 2 7/8" tbg. EOT @ 1738'. SIWFN w/ 1001 BWTR.

**Daily Cost:** \$0

**Cumulative Cost:** \$104,676

**6/22/2009 Day: 5**

**Completion**

WWS #3 on 6/22/2009 - Flowed well. Round trip for production tbg. Started PU rods. - 300 psi on tbg, 350 psi on csg. Pumped 20 BW down tbg. Continue to PU & TIH w/ tbg. Tagged sand bridge @ 4140'. RU power swivel. Circulate through sand bridge. Continue PU tbg. Tagged sand bridge @ 4276'. Circulate through sand bridge. Continue to PU tbg. Tagged sand @ 4535'. Circulate sand & drill out plugs as follows. Sand @ 4535'. Plug @ 4560' (Drilled out in 25 mins). Sand @ 5170', Plug @ 5200' (Drilled out in 33 mins). Sand @ 5290', Plug @ 5310' (Drilled out in 14 mins). No sand, Tagged plug @ 5680' (Drilled out in 28 mins). No sand, Tagged plug @ 6000' (Drilled out in 24 mins). Tagged fill @ 6203'. C/O to PBDT 6315'. RD power swivel. LD 3-jts of tbg. EOT @ 6237'. SIWFN. 941 BWTR. - 300 psi on tbg, 350 psi on csg. Pumped 20 BW down tbg. Continue to PU & TIH w/ tbg. Tagged sand bridge @ 4140'. RU power swivel. Circulate through sand bridge. Continue PU tbg. Tagged sand bridge @ 4276'. Circulate through sand bridge. Continue to PU tbg. Tagged sand @ 4535'. Circulate sand & drill out plugs as follows. Sand @ 4535'. Plug @ 4560' (Drilled out in 25 mins). Sand @ 5170', Plug @ 5200' (Drilled out in 33 mins). Sand @ 5290', Plug @ 5310' (Drilled out in 14 mins). No sand, Tagged plug @ 5680' (Drilled out in 28 mins). No sand, Tagged plug @ 6000' (Drilled out in 24 mins). Tagged fill @ 6203'. C/O to PBDT 6315'. RD power swivel. LD 3-jts of tbg. EOT @ 6237'. SIWFN. 941 BWTR. - 350 psi on tbg, 400 psi on csg. RU swab equipment. Flowed well for 2 1/2 hrs, Gained a total of 105 BTF. Trace of oil, No sand. Pumped 20 BW down tbg to kill well. RIH w/ tbg. Tagged @ 6315'. C/O well clean. LD extra tbg. TOH w/ tbg. LD bit. PU & RIH w/ tbg as follows: NC, 1- jt, SN, 1-jt, TA, 194- jts of 2 7/8 J-55 tbg. ND BOP. Set TA w/ 18,000#'s of tension @ 6146.24', SN @ 6179.57', EOT @ 6212.76'. Land tbg on flange. Flush tbg w/ 60 bbls of wtr. PU & RIH w/ "Central hydraulics" 2 1/2" X 1 3/4" X 24' RHAC, 4- 1 1/2" wt bars, 176- 7/8" guided rods. SIWFN. - 350 psi on tbg, 400 psi on csg. RU swab equipment. Flowed well for 2 1/2 hrs, Gained a total of 105 BTF. Trace of oil, No sand. Pumped 20 BW down tbg to kill well. RIH w/ tbg. Tagged @ 6315'. C/O well clean. LD extra tbg. TOH w/ tbg. LD bit. PU & RIH w/ tbg as follows: NC, 1- jt, SN, 1-jt, TA, 194- jts of 2 7/8 J-55 tbg. ND BOP. Set TA w/ 18,000#'s of tension @ 6146.24', SN @ 6179.57', EOT @ 6212.76'. Land tbg on flange. Flush tbg w/ 60 bbls of wtr. PU & RIH w/ "Central hydraulics" 2 1/2" X 1 3/4" X 24' RHAC, 4- 1 1/2" wt bars, 176- 7/8" guided rods.

SIWFN.

**Daily Cost:** \$0**Cumulative Cost:** \$116,526

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**6/24/2009 Day: 6****Completion**

WWS #3 on 6/24/2009 - Finish PU rods & POP. - 150 psi on tbg, 450 psi on csg. Bleed down well. Continue to PU & RIH w/ rods. Final rod detail as follows: "Central Hydraulis" 2 1/2" X 1 3/4" X 24' rod pump, 4- 1 1/2" wt bars, 241- 7/8" guided rods (8 per), 2- 8', 1-4', 1-2' X 7/8" pony rods, 1 1/2" X 30' polish rod. Hang head, Space out rods. Pressure test w/ unit to 800 psi. RDMOSU. POP @ 10:00 AM w/ 144" SL @ 5 SPM. 725 BWTR. FINAL REPORT!!!! **Finalized**

**Daily Cost:** \$0**Cumulative Cost:** \$208,095

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**Pertinent Files: Go to File List**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
UTU-74390

6. If Indian, Allottee or Tribe Name  
NA

7. Unit or CA Agreement Name and No.  
WEST POINT

8. Lease Name and Well No.  
WEST POINT FEDERAL G-6-9-16

9. AFI Well No.  
43-013-34076

10. Field and Pool or Exploratory  
MONUMENT BUTTE

11. Sec., T., R., M., on Block and  
Survey or Area  
SEC. 6, T9S, R16E

12. County or Parish  
DUCHESNE

13. State  
UT

14. Date Spudded  
04/25/2009

15. Date T.D. Reached  
05/31/2009

16. Date Completed  
06/24/2009  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
5866' GL 5878' KB

18. Total Depth: MD 6355'  
TVD ~~6348'~~ 6245'

19. Plug Back T.D.: MD 6315'  
TVD 6205'

20. Depth Bridge Plug Set: MD  
TVD

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

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

2. Name of Operator  
NEWFIELD EXPLORATION COMPANY

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

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface 1992' FSL & 1870' FWL (SE/NW) SEC. 6, T9S, R16E  
At top prod. interval reported below BHL: 1315' FNL & 1235' FWL (SE/NW)  
At total depth 6355' 1219 FNL 1123 FWL 5-6 T9S R16E

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#		321'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#		6351'		280 PRIMLITE		42'	
						400 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 6213'	TA @ 6419'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER			(CP5) 6181-87'	.49"	4	24
B) GREEN RIVER			(CP2)&(CP.5)see below	.49"	3	30
C) GREEN RIVER			(LODC) 5614-17,5560-63'	.49"	3	18
D) GREEN RIVER			(B1) 5294-5314'	.49"	3	18

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

Depth Interval	Amount and Type of Material
6181-6187'	Frac CP5 sds w/ 15,310#'s of 20/40 sand in 251 bbls of Lightning 17 fluid.
5874-5938'	Frac CP.5 & CP2 sds w/ 50,947#'s of 20/40 sand in 492 bbls of Lightning 17 fluid.
5560-5617'	Frac LODC sds w/ 15,486#'s of 20/40 sand in 295 bbls of Lightning 17 fluid.
5245-5251'	Frac B1 sds w/ 19,339#'s of 20/40 sand in 339 bbls of Lightning 17 fluid.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
06/24/09	06/29/09	24	→	99	6495'	78			"Central hydraulic" 2 1/2" X 1 3/4" X 21' X 24' RHAC
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	PRODUCING
			→						

28a. Production - Interval B

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

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

28b. Production - Interval C

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

28c. Production - Interval D

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

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

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3902' 4113'
				GARDEN GULCH 2 POINT 3	4249' 4518'
				X MRKR Y MRKR	4794' 4831'
				DOUGALS CREEK MRK BI CARBONATE MRK	4949' 5203'
				B LIMESTON MRK CASTLE PEAK	5326' 5841'
				BASAL CARBONATE TOTAL DEPTH (LOGGERS)	6287' 6347'

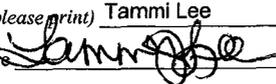
32. Additional remarks (include plugging procedure):

STAGE 2: Perforate CP2 sds @ 5932- 38', CP.5 sds @ 5874- 78' w/ 3 1/8" Slick Guns w/ 3 spf for total of 30 shots.  
 STAGE 5: Perforate C sds @ 5160- 63', 5154- 56', 5143- 45' w/ 3 1/8" Slick Guns w/ 3 spf for total of 21 shots. Frac C sds w/ 56,003#'s of 20/40 sand in 505 bbls of Lightning 17 fluid.  
 STAGE 6: Perforate GB6 sds @ 4492- 94', GB4 sds @ 4435- 40', 4396- 98' w/ 3 1/8" Slick Guns w/ 3 spf for total of 27 shots. Frac GB4 & GB6 sds w/ 39,413#'s of 20/40 sand in 398 bbls of Lightning 17 fluid.

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

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

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

Name (please print) Tammi Lee Title Production Clerk  
 Signature  Date 07/01/2009

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

# NEWFIELD



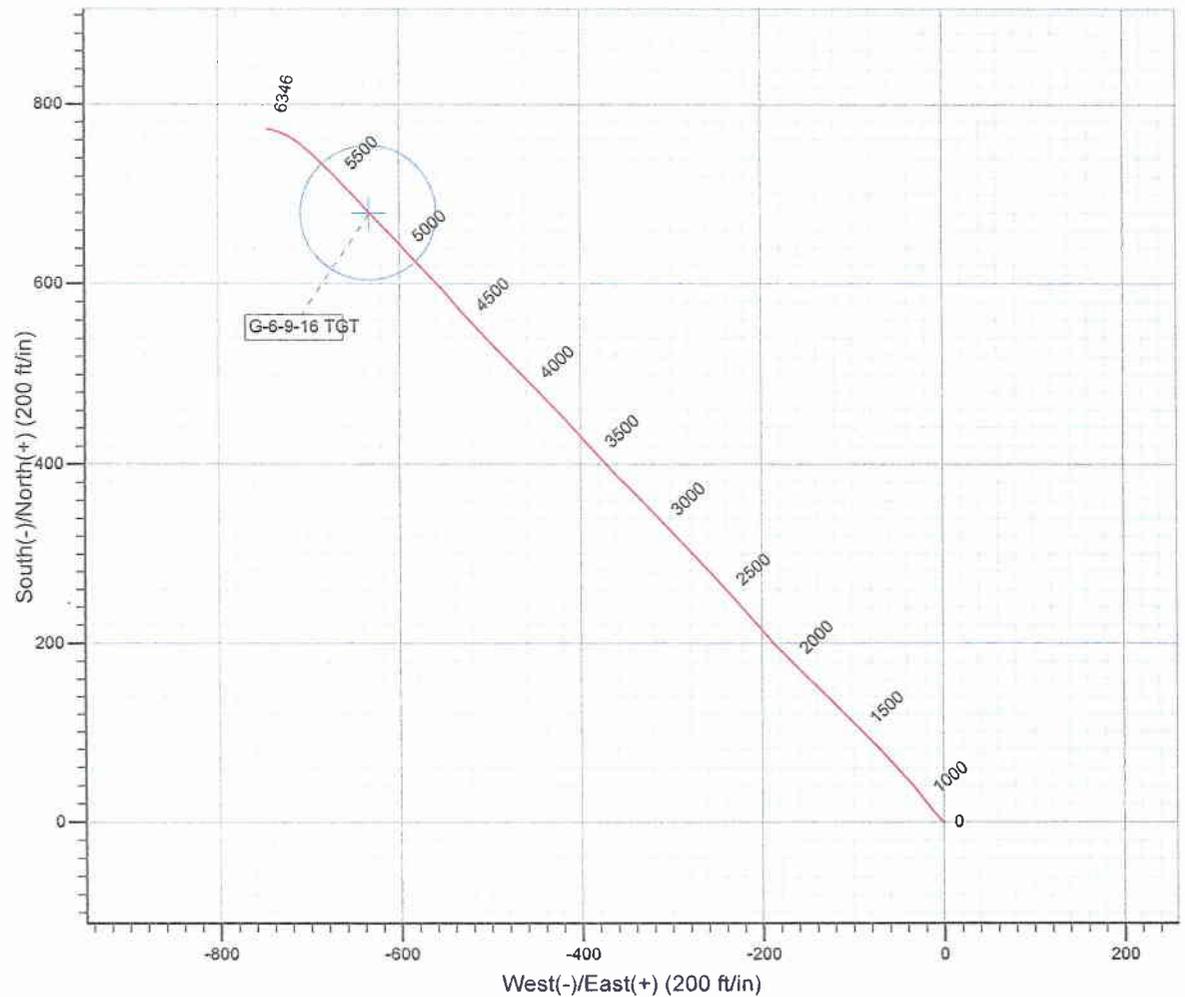
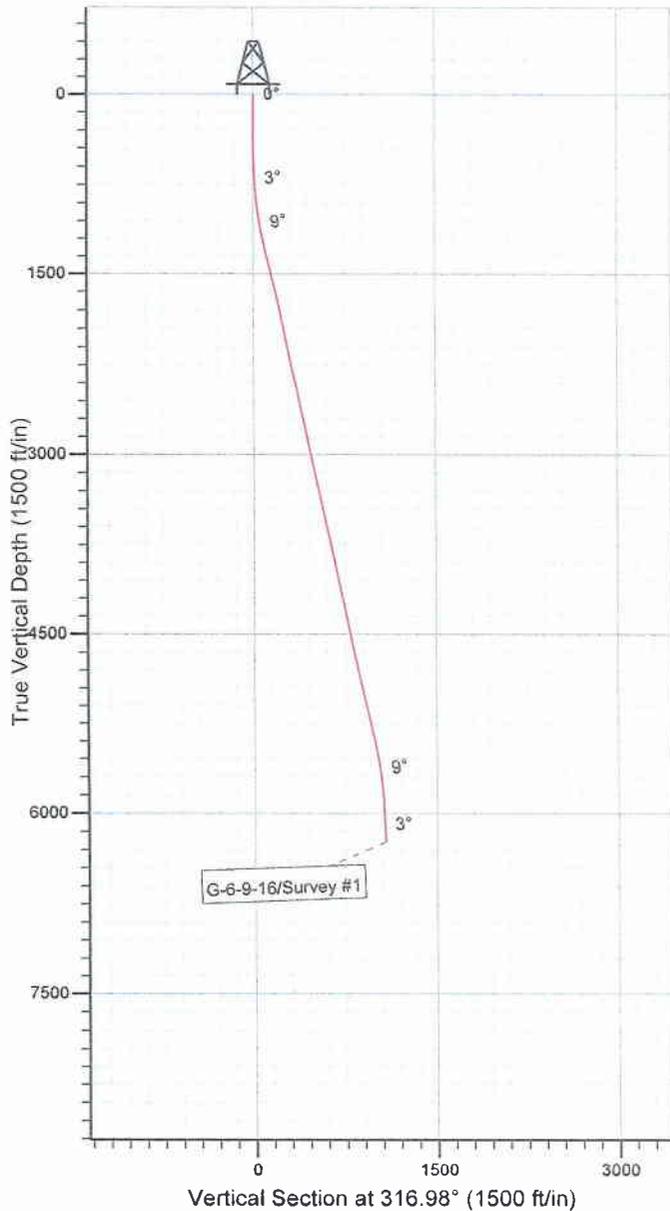
Project: USGS Myton SW (UT)  
Site: SECTION 6  
Well: G-6-9-16  
Wellbore: Wellbore #1  
SURVEY: Wellbore #1

FINAL SURVEY REPORT



Azimuths to True North  
Magnetic North: 11.62°

Magnetic Field  
Strength: 52503.5nT  
Dip Angle: 65.85°  
Date: 2009/04/20  
Model: IGRF200510



HATHAWAY  BURNHAM  
DIRECTIONAL & MWD SERVICES

Survey: Survey #1 (G-6-9-16/Wellbore #1)

Created By: *Jim Hudson* Date: 20:46, June 02 2009  
THIS SURVEY IS CORRECT TO THE BEST OF MY  
KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

**NEWFIELD**



# **NEWFIELD EXPLORATION**

**USGS Myton SW (UT)**

**SECTION 6**

**G-6-9-16**

**Wellbore #1**

**Survey: Survey #1**

## **Standard Survey Report**

**02 June, 2009**

**HATHAWAY HB BURNHAM**  
DIRECTIONAL & MWD SERVICES



# HATHAWAY BURNHAM

## Survey Report



Company: NEWFIELD EXPLORATION  
 Project: USGS Myton SW (UT)  
 Site: SECTION 6  
 Well: G-6-9-16  
 Wellbore: Wellbore #1  
 Design: Wellbore #1

Local Co-ordinate Reference: Well G-6-9-16  
 TVD Reference: G-6-9-16 @ 5878.0ft (RIG #2)  
 MD Reference: G-6-9-16 @ 5878.0ft (RIG #2)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature  
 Database: EDM 2003.21 Single User Db

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

<b>Site</b>	SECTION 6, SEC 6 T9S, R16E				
<b>Site Position:</b>		<b>Northing:</b>	7,193,341.00ft	<b>Latitude:</b>	40° 3' 35.624 N
<b>From:</b>	Map	<b>Easting:</b>	2,014,843.00ft	<b>Longitude:</b>	110° 9' 43.908 W
<b>Position Uncertainty:</b>	0.0 ft	<b>Slot Radius:</b>	"	<b>Grid Convergence:</b>	0.86 °

<b>Well</b>	G-6-9-16, SHL LAT: 40 03 42.22, LONG: -110 09 51.70					
<b>Well Position</b>	<b>+N/-S</b>	0.0 ft	<b>Northing:</b>	7,193,999.26 ft	<b>Latitude:</b>	40° 3' 42.220 N
	<b>+E/-W</b>	0.0 ft	<b>Easting:</b>	2,014,227.32 ft	<b>Longitude:</b>	110° 9' 51.700 W
<b>Position Uncertainty</b>		0.0 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	0.0ft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination</b>	<b>Dip Angle</b>	<b>Field Strength</b>
	IGRF200510	2009/04/20	(°) 11.62	(°) 65.85	(nT) 52,504

<b>Design</b>	Wellbore #1				
<b>Audit Notes:</b>					
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>		<b>Depth From (TVD)</b>	<b>+N/-S</b>	<b>+E/-W</b>	<b>Direction</b>
		(ft)	(ft)	(ft)	(°)
		0.0	0.0	0.0	316.98

<b>Survey Program</b>	Date 2009/06/02				
<b>From</b>	<b>To</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
(ft)	(ft)				
395.0	6,346.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
395.0	0.11	201.31	395.0	-0.4	-0.1	-0.2	0.03	0.03	0.00
425.0	0.13	70.95	425.0	-0.4	-0.1	-0.2	0.73	0.07	-434.53
456.0	0.31	336.46	456.0	-0.3	-0.1	-0.1	1.11	0.58	-304.81
487.0	0.83	309.02	487.0	-0.1	-0.3	0.2	1.85	1.68	-88.52
517.0	1.49	317.81	517.0	0.4	-0.8	0.8	2.27	2.20	29.30
548.0	2.25	315.31	548.0	1.1	-1.5	1.8	2.47	2.45	-8.06
578.0	2.50	308.95	577.9	1.9	-2.4	3.0	1.21	0.83	-21.20
609.0	2.66	314.62	608.9	2.9	-3.4	4.4	0.97	0.52	18.29
640.0	2.70	316.23	639.9	3.9	-4.4	5.9	0.27	0.13	5.19
670.0	3.03	312.89	669.8	4.9	-5.5	7.4	1.23	1.10	-11.13
701.0	3.27	317.52	700.8	6.1	-6.7	9.1	1.13	0.77	14.94
732.0	3.54	317.66	731.7	7.5	-7.9	10.9	0.87	0.87	0.45

Company: NEWFIELD EXPLORATION  
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 North Reference: True  
 Survey Calculation Method: Minimum Curvature  
 Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
763.0	4.26	318.18	762.7	9.1	-9.4	13.0	2.33	2.32	1.68
793.0	4.90	320.75	792.6	10.9	-10.9	15.4	2.24	2.13	8.57
824.0	5.19	321.70	823.5	13.0	-12.6	18.1	0.97	0.94	3.06
855.0	5.73	321.46	854.3	15.3	-14.4	21.1	1.74	1.74	-0.77
885.0	6.24	322.36	884.2	17.8	-16.4	24.2	1.73	1.70	3.00
916.0	7.04	322.76	914.9	20.6	-18.6	27.7	2.58	2.58	1.29
948.0	7.45	321.68	946.7	23.8	-21.0	31.8	1.35	1.28	-3.38
979.0	8.10	320.56	977.4	27.1	-23.7	35.9	2.15	2.10	-3.61
1,009.0	8.30	321.50	1,007.1	30.4	-26.4	40.2	0.80	0.67	3.13
1,040.0	8.83	320.97	1,037.8	34.0	-29.2	44.8	1.73	1.71	-1.71
1,072.0	9.49	319.83	1,069.3	37.9	-32.5	49.9	2.14	2.06	-3.56
1,104.0	10.17	319.11	1,100.9	42.1	-36.0	55.4	2.16	2.13	-2.25
1,135.0	10.70	318.90	1,131.4	46.3	-39.7	61.0	1.71	1.71	-0.68
1,168.0	11.21	316.86	1,163.8	51.0	-43.9	67.2	1.94	1.55	-6.18
1,260.0	12.85	317.39	1,253.7	65.0	-57.0	86.4	1.79	1.78	0.58
1,353.0	13.27	316.40	1,344.3	80.4	-71.3	107.4	0.51	0.45	-1.06
1,447.0	13.23	316.93	1,435.8	96.0	-86.1	129.0	0.14	-0.04	0.56
1,541.0	13.30	316.79	1,527.3	111.8	-100.9	150.5	0.08	0.07	-0.15
1,635.0	12.96	315.06	1,618.9	127.1	-115.7	171.9	0.55	-0.36	-1.84
1,728.0	12.94	314.78	1,709.5	141.8	-130.5	192.7	0.07	-0.02	-0.30
1,822.0	12.90	315.83	1,801.1	156.8	-145.3	213.7	0.25	-0.04	1.12
1,916.0	11.95	315.63	1,892.9	171.3	-159.4	234.0	1.01	-1.01	-0.21
2,010.0	11.12	315.13	1,985.0	184.6	-172.6	252.7	0.89	-0.88	-0.53
2,104.0	11.16	317.85	2,077.2	197.8	-185.1	270.9	0.56	0.04	2.89
2,198.0	11.51	320.13	2,169.4	211.8	-197.2	289.4	0.60	0.37	2.43
2,291.0	13.49	318.42	2,260.2	227.0	-210.3	309.5	2.17	2.13	-1.84
2,384.0	12.96	318.34	2,350.7	242.9	-224.5	330.7	0.57	-0.57	-0.09
2,478.0	12.02	318.53	2,442.5	258.1	-238.0	351.1	1.00	-1.00	0.20
2,572.0	12.37	318.69	2,534.4	273.0	-251.1	370.9	0.37	0.37	0.17
2,666.0	11.95	316.93	2,626.3	287.7	-264.4	390.7	0.60	-0.45	-1.87
2,760.0	11.95	317.22	2,718.2	301.9	-277.6	410.2	0.06	0.00	0.31
2,853.0	12.06	318.42	2,809.2	316.3	-290.6	429.5	0.29	0.12	1.29
2,947.0	12.60	314.95	2,901.0	330.9	-304.4	449.6	0.98	0.57	-3.69
3,040.0	13.10	317.61	2,991.7	345.8	-318.7	470.2	0.83	0.54	2.86
3,134.0	12.11	314.43	3,083.4	360.6	-332.9	490.7	1.29	-1.05	-3.38
3,227.0	12.30	315.24	3,174.3	374.4	-346.8	510.4	0.28	0.20	0.87
3,321.0	11.51	315.50	3,266.3	388.2	-360.5	529.8	0.84	-0.84	0.28
3,415.0	11.60	316.71	3,358.4	401.8	-373.5	548.6	0.28	0.10	1.29
3,509.0	12.26	317.48	3,450.4	416.0	-386.7	568.0	0.72	0.70	0.82
3,602.0	12.61	318.64	3,541.2	430.9	-400.1	588.1	0.46	0.38	1.25
3,696.0	12.94	317.57	3,632.9	446.4	-414.0	608.8	0.43	0.35	-1.14
3,790.0	12.24	316.34	3,724.6	461.4	-428.0	629.3	0.80	-0.74	-1.31
3,884.0	11.43	315.61	3,816.6	475.3	-441.4	648.6	0.88	-0.86	-0.78
3,978.0	11.14	315.99	3,908.8	488.4	-454.2	667.0	0.32	-0.31	0.40
4,072.0	11.82	317.02	4,000.9	502.0	-467.1	685.7	0.76	0.72	1.10
4,166.0	12.54	315.46	4,092.8	516.3	-480.8	705.5	0.84	0.77	-1.66
4,260.0	12.28	314.86	4,184.6	530.7	-495.0	725.7	0.31	-0.28	-0.64
4,354.0	11.58	317.72	4,276.6	544.7	-508.5	745.1	0.97	-0.74	3.04
4,448.0	11.32	316.60	4,368.7	558.4	-521.2	763.8	0.36	-0.28	-1.19
4,541.0	11.05	316.82	4,459.9	571.5	-533.5	781.8	0.29	-0.29	0.24
4,633.0	11.34	318.97	4,550.2	584.8	-545.5	799.7	0.55	0.32	2.34
4,727.0	12.91	318.44	4,642.1	599.6	-558.5	819.4	1.67	1.67	-0.56
4,821.0	12.48	316.78	4,733.8	614.8	-572.5	840.1	0.60	-0.46	-1.77
4,915.0	12.46	317.26	4,825.6	629.7	-586.3	860.4	0.11	-0.02	0.51



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 Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,008.0	13.15	318.23	4,916.3	644.9	-600.2	881.0	0.78	0.74	1.04
5,102.0	12.20	316.01	5,008.0	660.1	-614.2	901.6	1.14	-1.01	-2.36
5,196.0	12.55	316.23	5,099.8	674.6	-628.1	921.8	0.38	0.37	0.23
5,290.0	12.26	317.04	5,191.6	689.3	-642.0	941.9	0.36	-0.31	0.86
5,384.0	12.13	318.82	5,283.5	704.0	-655.3	961.8	0.42	-0.14	1.89
5,393.1	12.17	318.41	5,292.3	705.4	-656.6	963.7	1.07	0.46	-4.57
<b>G-6-9-16 TGT</b>									
5,477.0	12.59	314.71	5,374.3	718.5	-669.0	981.7	1.07	0.50	-4.40
5,571.0	12.41	313.61	5,466.1	732.7	-683.5	1,002.0	0.32	-0.19	-1.17
5,665.0	10.20	311.28	5,558.3	745.1	-697.1	1,020.4	2.40	-2.35	-2.48
5,759.0	8.13	308.32	5,651.1	754.7	-708.6	1,035.2	2.26	-2.20	-3.15
5,853.0	5.78	302.60	5,744.4	761.4	-717.8	1,046.4	2.60	-2.50	-6.09
5,947.0	4.68	294.96	5,838.0	765.6	-725.3	1,054.5	1.38	-1.17	-8.13
6,041.0	3.91	291.55	5,931.7	768.4	-731.7	1,061.0	0.86	-0.82	-3.63
6,134.0	3.20	285.95	6,024.5	770.3	-737.2	1,066.1	0.85	-0.76	-6.02
6,228.0	2.70	283.27	6,118.4	771.5	-741.8	1,070.2	0.55	-0.53	-2.85
6,291.0	2.55	281.64	6,181.3	772.1	-744.7	1,072.5	0.27	-0.24	-2.59
6,346.0	2.55	281.64	6,236.3	772.6	-747.0	1,074.5	0.00	0.00	0.00

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

H        HEADER        INFORMATION -----  
 H        COMPANY        :            NEWFIELD    EXPLORATION  
 H        FIELD         :            USGS        Myton      SW        (UT)  
 H        SITE          :            SECTION            6  
 H        WELL          :            G-6-9-16  
 H        WELLPATH:    Wellbore      #1  
 H        DEPTHUNT:    ft  
 H        SURVDATE:        6/2/2009  
 H        DECLINATION CORR.  
 H        =                    10.76 TO                    GRIDH-----

H        WELL        INFORMATION  
 H        WELL        EW            MAP        :            2014227  
 H        WELL        NS            MAP        :            7193999  
 H        DATUM        ELEVN        :            5878  
 H        VSECT        ANGLE        :            316.98  
 H        VSECT        NORTH        :            0  
 H        VSECT        EAST         :            0

H-----  
 H        SURVEY        TYPE            INFORMATION  
 H                    395 -            6346 SURVEY    #1            :            MWD  
 H-----

H	SURVEY	LIST	INFORMATION						
MD	INC	AZI	TVD	NS	EW	VS	DLS		
	0	0	0	0	0	0	0	0	
	395	0.11	201.31	395	-0.35	-0.14	-0.16	0.03	
	425	0.13	70.95	425	-0.37	-0.12	-0.19	0.73	
	456	0.31	336.46	456	-0.28	-0.12	-0.13	1.11	
	487	0.83	309.02	487	-0.06	-0.32	0.18	1.85	
	517	1.49	317.81	516.99	0.36	-0.76	0.78	2.27	
	548	2.25	315.31	547.97	1.09	-1.45	1.79	2.47	
	578	2.5	308.95	577.95	1.92	-2.38	3.03	1.21	
	609	2.66	314.62	608.92	2.85	-3.41	4.42	0.97	
	640	2.7	316.23	639.88	3.89	-4.43	5.87	0.27	
	670	3.03	312.89	669.85	4.94	-5.5	7.36	1.23	
	701	3.27	317.52	700.8	6.15	-6.7	9.06	1.13	
	732	3.54	317.66	731.74	7.51	-7.94	10.91	0.87	
	763	4.26	318.18	762.67	9.07	-9.35	13.01	2.33	
	793	4.9	320.75	792.58	10.89	-10.91	15.41	2.24	
	824	5.19	321.7	823.46	13.02	-12.61	18.12	0.97	
	855	5.73	321.46	854.32	15.33	-14.45	21.06	1.74	
	885	6.24	322.36	884.15	17.79	-16.38	24.18	1.73	
	916	7.04	322.76	914.94	20.64	-18.55	27.75	2.58	
	948	7.45	321.68	946.69	23.83	-21.03	31.77	1.35	
	979	8.1	320.56	977.4	27.09	-23.66	35.95	2.15	
	1009	8.3	321.5	1007.1	30.42	-26.35	40.22	0.8	
	1040	8.83	320.97	1037.75	34.02	-29.24	44.82	1.73	
	1072	9.49	319.83	1069.34	37.94	-32.49	49.91	2.14	

1104	10.17	319.11	1100.87	42.09	-36.04	55.36	2.16
1135	10.7	318.9	1131.36	46.33	-39.72	60.98	1.71
1168	11.21	316.86	1163.76	50.98	-43.93	67.25	1.94
1260	12.85	317.39	1253.74	65.04	-56.97	86.42	1.79
1353	13.27	316.4	1344.33	80.38	-71.34	107.43	0.51
1447	13.23	316.93	1435.83	96.05	-86.12	128.98	0.14
1541	13.3	316.79	1527.32	111.79	-100.87	150.55	0.08
1635	12.96	315.06	1618.86	127.13	-115.72	171.89	0.55
1728	12.94	314.78	1709.5	141.84	-130.48	192.72	0.07
1822	12.9	315.83	1801.12	156.78	-145.26	213.73	0.25
1916	11.95	315.63	1892.91	171.27	-159.37	233.95	1.01
2010	11.12	315.13	1985.02	184.65	-172.58	252.74	0.89
2104	11.16	317.85	2077.24	197.82	-185.08	270.9	0.56
2198	11.51	320.13	2169.41	211.76	-197.19	289.36	0.6
2291	13.49	318.42	2260.2	227	-210.34	309.47	2.17
2384	12.96	318.34	2350.74	242.9	-224.47	330.74	0.57
2478	12.02	318.53	2442.51	258.11	-237.96	351.06	1
2572	12.37	318.69	2534.39	273.01	-251.09	370.91	0.37
2666	11.95	316.93	2626.28	287.68	-264.38	390.7	0.6
2760	11.95	317.22	2718.24	301.93	-277.64	410.17	0.06
2853	12.06	318.42	2809.21	316.27	-290.62	429.51	0.29
2947	12.6	314.95	2901.04	330.86	-304.4	449.57	0.98
3040	13.1	317.61	2991.71	345.81	-318.68	470.25	0.83
3134	12.11	314.43	3083.45	360.58	-332.9	490.75	1.29
3227	12.3	315.24	3174.35	374.44	-346.85	510.4	0.28
3321	11.51	315.5	3266.32	388.24	-360.47	529.78	0.84
3415	11.6	316.71	3358.42	401.81	-373.52	548.61	0.28
3509	12.26	317.48	3450.39	416.04	-386.75	568.04	0.72
3602	12.61	318.64	3541.21	430.94	-400.13	588.06	0.46
3696	12.94	317.57	3632.88	446.41	-414.01	608.84	0.43
3790	12.24	316.34	3724.62	461.39	-427.99	629.33	0.8
3884	11.43	315.61	3816.62	475.25	-441.39	648.6	0.88
3978	11.14	315.99	3908.8	488.44	-454.21	666.99	0.32
4072	11.82	317.02	4000.92	502.01	-467.08	685.7	0.76
4166	12.54	315.46	4092.8	516.33	-480.81	705.53	0.84
4260	12.28	314.86	4184.61	530.65	-495.05	725.72	0.31
4354	11.58	317.72	4276.58	544.69	-508.48	745.14	0.97
4448	11.32	316.6	4368.71	558.37	-521.17	763.8	0.36
4541	11.05	316.82	4459.94	571.5	-533.54	781.84	0.29
4633	11.34	318.97	4550.19	584.75	-545.51	799.7	0.55
4727	12.91	318.44	4642.09	599.58	-558.54	819.43	1.67
4821	12.48	316.78	4733.79	614.84	-572.46	840.09	0.6
4915	12.46	317.26	4825.58	629.69	-586.3	860.38	0.11
5008	13.15	318.23	4916.26	644.95	-600.16	880.99	0.78
5102	12.2	316.01	5007.97	660.07	-614.18	901.61	1.14
5196	12.55	316.23	5099.79	674.59	-628.14	921.76	0.38
5290	12.26	317.04	5191.59	689.27	-642.01	941.95	0.36

5384	12.13	318.82	5283.47	704.01	-655.31	961.8	0.42
5477	12.59	314.71	5374.32	718.49	-668.95	981.69	1.07
5571	12.41	313.61	5466.09	732.67	-683.54	1002.01	0.32
5665	10.2	311.28	5558.26	745.13	-697.11	1020.38	2.4
5759	8.13	308.32	5651.06	754.74	-708.58	1035.24	2.26
5853	5.78	302.6	5744.36	761.41	-717.79	1046.39	2.6
5947	4.68	294.96	5837.97	765.58	-725.25	1054.53	1.38
6041	3.91	291.55	5931.7	768.38	-731.71	1060.98	0.86
6134	3.2	285.95	6024.52	770.25	-737.16	1066.07	0.85
6228	2.7	283.27	6118.4	771.48	-741.83	1070.16	0.55
6291	2.55	281.64	6181.33	772.11	-744.65	1072.54	0.27
6346	2.55	281.64	6236.28	772.6	-747.05	1074.54	0