

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 N/A	
7. If Unit or CA Agreement, Name and No. West Point Unit	
8. Lease Name and Well No. West Point Federal M-7-9-16	
9. API Well No. <b>43-013-33984</b>	
1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	10. Field and Pool, or Exploratory Monument Butte
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone	11. Sec., T., R., M., or Blk. and Survey or Area Sec. 7, T9S R16E
2. Name of Operator Newfield Production Company	12. County or Parish Duchesne
3a. Address Route #3 Box 3630, Myton UT 84052	13. State UT
3b. Phone No. (include area code) (435) 646-3721	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/NW 2040' FEL 2054' FWL At proposed prod. zone <sup>SW/4</sup> 2511' FEL 2441' FEL	
14. Distance in miles and direction from nearest town or post office* Approximately 13.4 miles southwest of Myton, Utah	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 2839' f/lse, 2839' 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. 1135'	20. BLM/BIA Bond No. on file WYB000493
19. Proposed Depth 6235'	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5959' GL	22. Approximate date work will start* 3rd Quarter 2008
	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 5/23/08
Title Regulatory Specialist		
Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 06-09-08
Title ENVIRONMENTAL MANAGER	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  
Federal Approval of this  
Action is Necessary  
MAY 28 2008

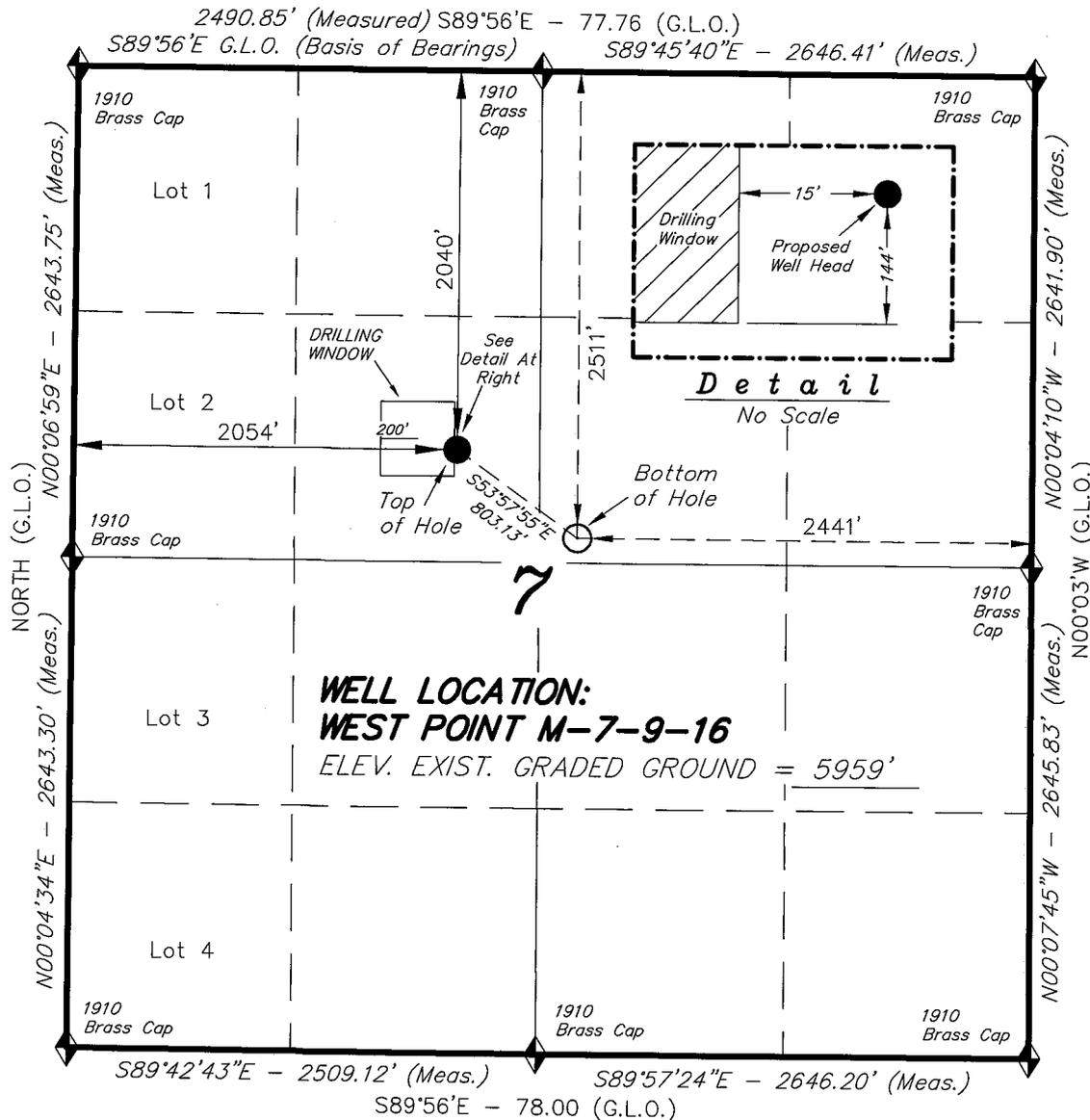
DIR. OF OIL, GAS & MINING

Surf 571396X  
4433112Y  
40.047116  
- 110.163034

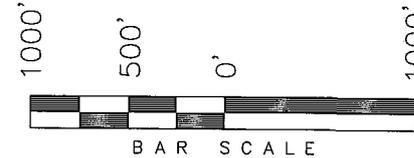
BHL 571594X  
4432892Y  
40.045118  
710.160737

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

## NEWFIELD PRODUCTION COMPANY

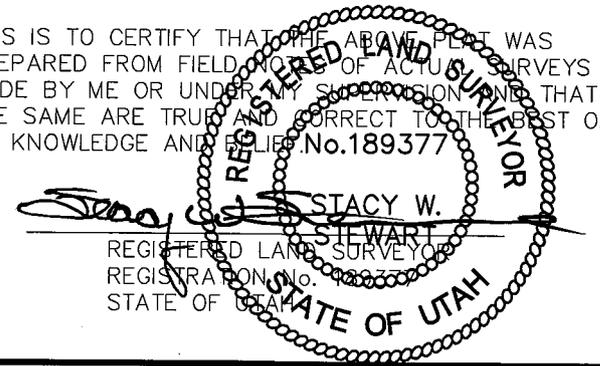


WELL LOCATION, WEST POINT M-7-9-16,  
 LOCATED AS SHOWN IN THE SE 1/4 NW  
 1/4 OF SECTION 7, T9S, R16E, S.L.B.&M.  
 DUCHESNE COUNTY, UTAH.



**WELL LOCATION:**  
**WEST POINT M-7-9-16**  
 ELEV. EXIST. GRADED GROUND = 5959'

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



### TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 04-03-08	SURVEYED BY: T.H.
DATE DRAWN: 04-03-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

◆ = SECTION CORNERS LOCATED

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

**WEST POINT M-7-9-16**  
 (Surface Location) NAD 83  
 LATITUDE = 40° 02' 49.57"  
 LONGITUDE = 110° 09' 49.39"

**NEWFIELD PRODUCTION COMPANY  
WEST POINT FEDERAL M-7-9-16  
AT SURFACE: SE/NW SECTION 7, 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' - 1593'
Green River	1593'
Wasatch	6235'

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

Green River Formation 1593' - 6235' - 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 M-7-9-16  
AT SURFACE: SE/NW SECTION 7, 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 M-7-9-16 located in the SE 1/4 NW 1/4 Section 7, 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 - 11.2 miles  $\pm$  to its junction with an existing road to the northwest; proceed northwesterly - 0.5 miles  $\pm$  to its junction with beginning of the access road to the existing Nine Mile 6-7-9-16 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 6-7-9-16 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 6-7-9-16 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed West Point Federal M-7-9-16. 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: 43-10136

Neil Moon Pond  
Water Right: 43-11787

Maurice Harvey Pond  
Water Right: 47-1358

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

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

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed West Point Federal M-7-9-16 will be drilled off of the existing Nine Mile 6-7-9-16 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**

**Water Disposal**

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

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

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

None for the proposed West Point Federal M-7-9-16

**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)

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

**Details of the On-Site Inspection**

The proposed West Point Federal M-7-9-16 was on-sited on 4/16/08. The following were present; Dave Allred (Newfield Production), Kevan Stevens (Newfield Production ), Michael Cutler (Bureau of Land Management), Brandon McDonald (Bureau of Land Management )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

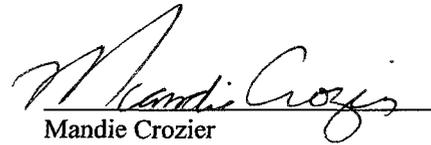
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #M-7-9-16 SE/NW Section 7, 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.

5/23/08

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 M-7-9-16  
Wellbore: OH  
Design: Plan #1

**Northfield Exploration Co.**

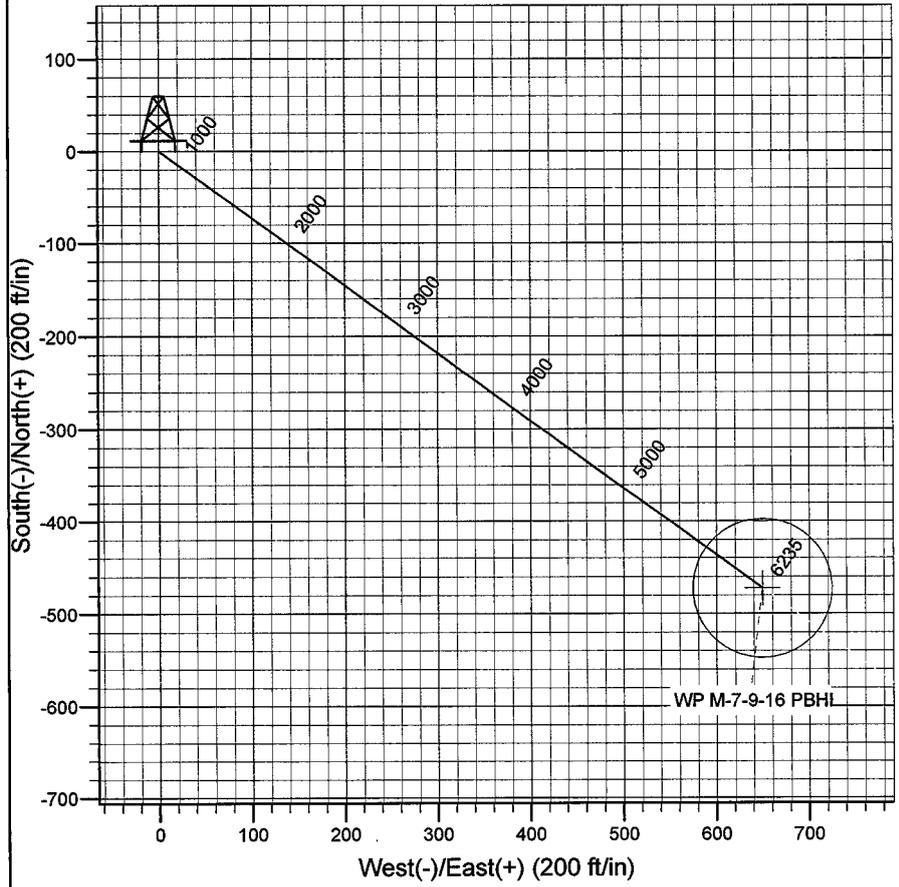
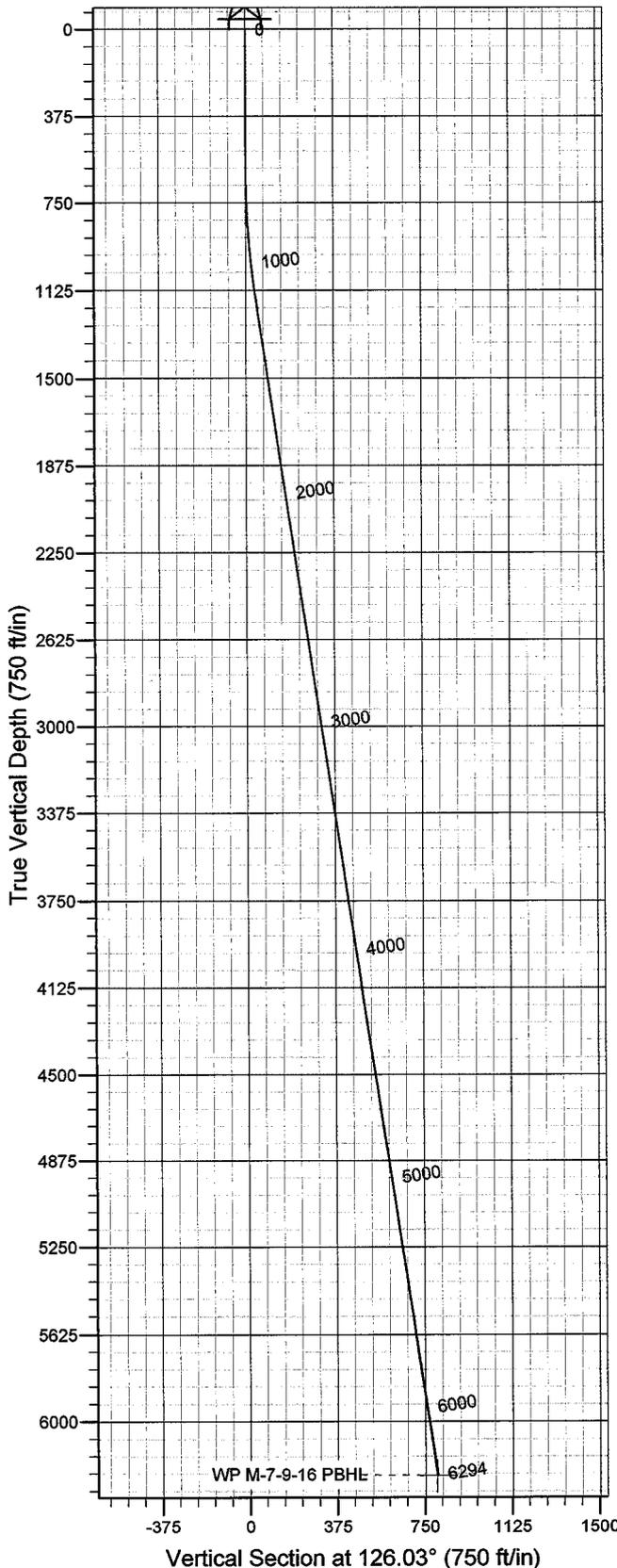


Azimuths to True North  
Magnetic North: 11.74°

Magnetic Field  
Strength: 52584.2snT  
Dip Angle: 65.86°  
Date: 2008-05-09  
Model: IGRF2005-10

**WELL DETAILS: West Point M-7-9-16**

GL 5959' & RKB 12' @ 5971.00ft 5959.00  
+N/-S 0.00 +E/-W 0.00 Northing 7188689.69 Easting 2014490.51 Latitude 40° 2' 49.570 N Longitude 110° 9' 49.390 W



**Plan: Plan #1 (West Point M-7-9-16/OH)**  
Created By: Julie Cruse Date: 2008-05-09  
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	
1169.17	8.54	126.03	1167.07	-24.90	34.23	1.50	126.03	42.33	
6293.89	8.54	126.03	6235.00	-472.41	649.50	0.00	0.00	803.13	WP M-7-9-16 PBHL

# **Newfield Exploration Co.**

**Duchesne County, UT NAD83 UTC**

**West Point**

**West Point M-7-9-16**

**OH**

**Plan: Plan #1**

## **Standard Planning Report**

**09 May, 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 M-7-9-16  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well West Point M-7-9-16  
**TVD Reference:** GL 5959' & RKB 12' @ 5971.00ft  
**MD Reference:** GL 5959' & RKB 12' @ 5971.00ft  
**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 M-7-9-16, 2040' FNL 2054' FWL Sec 7 T9S R16E					
<b>Well Position</b>	<b>+N/-S</b>	0.00 ft	<b>Northing:</b>	7,188,689.69 ft	<b>Latitude:</b>	40° 2' 49.570 N
	<b>+E/-W</b>	0.00 ft	<b>Easting:</b>	2,014,490.51 ft	<b>Longitude:</b>	110° 9' 49.390 W
<b>Position Uncertainty</b>		0.00 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	5,959.00 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	2008-05-09	11.74	65.86	52,584

<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	126.03

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	
1,169.17	8.54	126.03	1,167.07	-24.90	34.23	1.50	1.50	0.00	126.03	
6,293.89	8.54	126.03	6,235.00	-472.41	649.50	0.00	0.00	0.00	0.00	0.00 WP M-7-9-16 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 M-7-9-16  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well West Point M-7-9-16  
**TVD Reference:** GL 5959' & RKB 12' @ 5971.00ft  
**MD Reference:** GL 5959' & RKB 12' @ 5971.00ft  
**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)	Bulld 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	126.03	699.99	-0.77	1.06	1.31	1.50	1.50	0.00
800.00	3.00	126.03	799.91	-3.08	4.23	5.23	1.50	1.50	0.00
900.00	4.50	126.03	899.69	-6.93	9.52	11.77	1.50	1.50	0.00
1,000.00	6.00	126.03	999.27	-12.31	16.92	20.92	1.50	1.50	0.00
1,100.00	7.50	126.03	1,098.57	-19.22	26.43	32.68	1.50	1.50	0.00
1,169.17	8.54	126.03	1,167.07	-24.90	34.23	42.33	1.50	1.50	0.00
1,200.00	8.54	126.03	1,197.55	-27.59	37.93	46.90	0.00	0.00	0.00
1,300.00	8.54	126.03	1,296.45	-36.32	49.94	61.75	0.00	0.00	0.00
1,400.00	8.54	126.03	1,395.34	-45.05	61.94	76.60	0.00	0.00	0.00
1,500.00	8.54	126.03	1,494.23	-53.79	73.95	91.44	0.00	0.00	0.00
1,600.00	8.54	126.03	1,593.12	-62.52	85.96	106.29	0.00	0.00	0.00
1,700.00	8.54	126.03	1,692.01	-71.25	97.96	121.13	0.00	0.00	0.00
1,800.00	8.54	126.03	1,790.91	-79.98	109.97	135.98	0.00	0.00	0.00
1,900.00	8.54	126.03	1,889.80	-88.72	121.97	150.82	0.00	0.00	0.00
2,000.00	8.54	126.03	1,988.69	-97.45	133.98	165.67	0.00	0.00	0.00
2,100.00	8.54	126.03	2,087.58	-106.18	145.98	180.52	0.00	0.00	0.00
2,200.00	8.54	126.03	2,186.47	-114.91	157.99	195.36	0.00	0.00	0.00
2,300.00	8.54	126.03	2,285.37	-123.65	170.00	210.21	0.00	0.00	0.00
2,400.00	8.54	126.03	2,384.26	-132.38	182.00	225.05	0.00	0.00	0.00
2,500.00	8.54	126.03	2,483.15	-141.11	194.01	239.90	0.00	0.00	0.00
2,600.00	8.54	126.03	2,582.04	-149.84	206.01	254.74	0.00	0.00	0.00
2,700.00	8.54	126.03	2,680.93	-158.58	218.02	269.59	0.00	0.00	0.00
2,800.00	8.54	126.03	2,779.82	-167.31	230.03	284.44	0.00	0.00	0.00
2,900.00	8.54	126.03	2,878.72	-176.04	242.03	299.28	0.00	0.00	0.00
3,000.00	8.54	126.03	2,977.61	-184.77	254.04	314.13	0.00	0.00	0.00
3,100.00	8.54	126.03	3,076.50	-193.50	266.04	328.97	0.00	0.00	0.00
3,200.00	8.54	126.03	3,175.39	-202.24	278.05	343.82	0.00	0.00	0.00
3,300.00	8.54	126.03	3,274.28	-210.97	290.06	358.66	0.00	0.00	0.00
3,400.00	8.54	126.03	3,373.18	-219.70	302.06	373.51	0.00	0.00	0.00
3,500.00	8.54	126.03	3,472.07	-228.43	314.07	388.36	0.00	0.00	0.00
3,600.00	8.54	126.03	3,570.96	-237.17	326.07	403.20	0.00	0.00	0.00
3,700.00	8.54	126.03	3,669.85	-245.90	338.08	418.05	0.00	0.00	0.00
3,800.00	8.54	126.03	3,768.74	-254.63	350.08	432.89	0.00	0.00	0.00
3,900.00	8.54	126.03	3,867.64	-263.36	362.09	447.74	0.00	0.00	0.00
4,000.00	8.54	126.03	3,966.53	-272.10	374.10	462.58	0.00	0.00	0.00
4,100.00	8.54	126.03	4,065.42	-280.83	386.10	477.43	0.00	0.00	0.00
4,200.00	8.54	126.03	4,164.31	-289.56	398.11	492.28	0.00	0.00	0.00
4,300.00	8.54	126.03	4,263.20	-298.29	410.11	507.12	0.00	0.00	0.00
4,400.00	8.54	126.03	4,362.09	-307.03	422.12	521.97	0.00	0.00	0.00
4,500.00	8.54	126.03	4,460.99	-315.76	434.13	536.81	0.00	0.00	0.00
4,600.00	8.54	126.03	4,559.88	-324.49	446.13	551.66	0.00	0.00	0.00
4,700.00	8.54	126.03	4,658.77	-333.22	458.14	566.50	0.00	0.00	0.00
4,800.00	8.54	126.03	4,757.66	-341.96	470.14	581.35	0.00	0.00	0.00
4,900.00	8.54	126.03	4,856.55	-350.69	482.15	596.20	0.00	0.00	0.00
5,000.00	8.54	126.03	4,955.45	-359.42	494.16	611.04	0.00	0.00	0.00
5,100.00	8.54	126.03	5,054.34	-368.15	506.16	625.89	0.00	0.00	0.00
5,200.00	8.54	126.03	5,153.23	-376.89	518.17	640.73	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 M-7-9-16  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well West Point M-7-9-16  
**TVD Reference:** GL 5959' & RKB 12' @ 5971.00ft  
**MD Reference:** GL 5959' & RKB 12' @ 5971.00ft  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

## Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.00	8.54	126.03	5,252.12	-385.62	530.17	655.58	0.00	0.00	0.00
5,400.00	8.54	126.03	5,351.01	-394.35	542.18	670.43	0.00	0.00	0.00
5,500.00	8.54	126.03	5,449.91	-403.08	554.18	685.27	0.00	0.00	0.00
5,600.00	8.54	126.03	5,548.80	-411.81	566.19	700.12	0.00	0.00	0.00
5,700.00	8.54	126.03	5,647.69	-420.55	578.20	714.96	0.00	0.00	0.00
5,800.00	8.54	126.03	5,746.58	-429.28	590.20	729.81	0.00	0.00	0.00
5,900.00	8.54	126.03	5,845.47	-438.01	602.21	744.65	0.00	0.00	0.00
6,000.00	8.54	126.03	5,944.36	-446.74	614.21	759.50	0.00	0.00	0.00
6,100.00	8.54	126.03	6,043.26	-455.48	626.22	774.35	0.00	0.00	0.00
6,200.00	8.54	126.03	6,142.15	-464.21	638.23	789.19	0.00	0.00	0.00
6,293.89	8.54	126.03	6,235.00	-472.41	649.50	803.13	0.00	0.00	0.00

## Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
WP M-7-9-16 PBHL - plan hits target center - Circle (radius 75.00)	0.00	0.00	6,235.00	-472.41	649.50	7,188,227.04	2,015,146.99	40° 2' 44.901 N	110° 9' 41.038 W

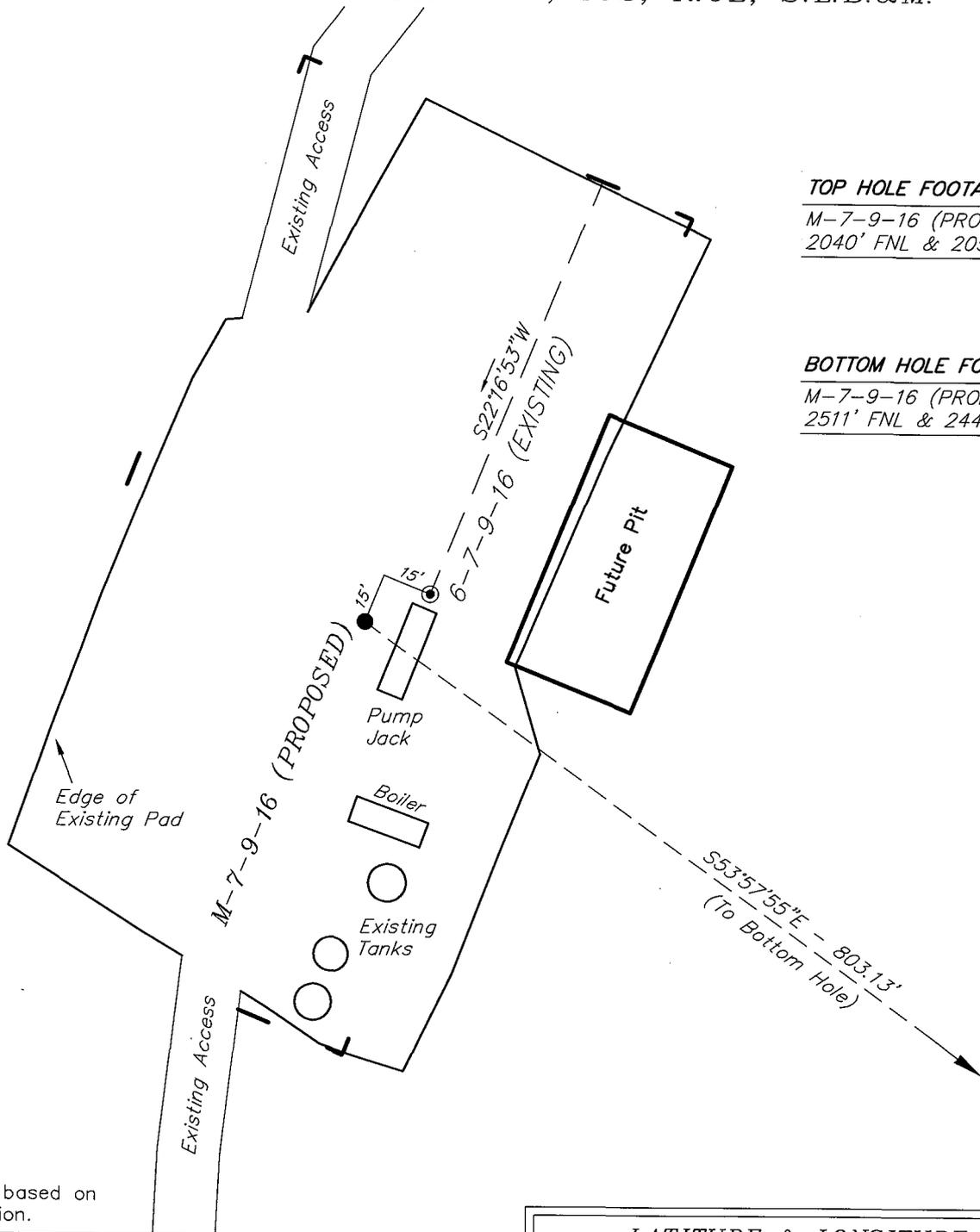
# NEWFIELD PRODUCTION COMPANY

## WELL PAD INTERFERENCE PLAT

WEST POINT M-7-9-16 (Proposed Well)

WEST POINT 6-7-9-16 (Existing Well)

Pad Location: SENW Section 7, T9S, R16E, S.L.B.&M.



### TOP HOLE FOOTAGES

M-7-9-16 (PROPOSED)  
2040' FNL & 2054' FWL

### BOTTOM HOLE FOOTAGES

M-7-9-16 (PROPOSED)  
2511' FNL & 2441' FEL

**Note:**

Bearings are based on GLO Information.

RELATIVE COORDINATES From top hole to bottom hole		
WELL	NORTH	EAST
M-7-9-16	-472'	649'

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)		
WELL	LATITUDE	LONGITUDE
M-7-9-16	40° 02' 49.57"	110° 09' 49.39"
6-7-9-16	40° 02' 49.65"	110° 09' 49.14"

SURVEYED BY: T.H.	DATE SURVEYED: 04-03-08
DRAWN BY: F.T.M.	DATE DRAWN: 04-04-08
SCALE: 1" = 50'	REVISED:

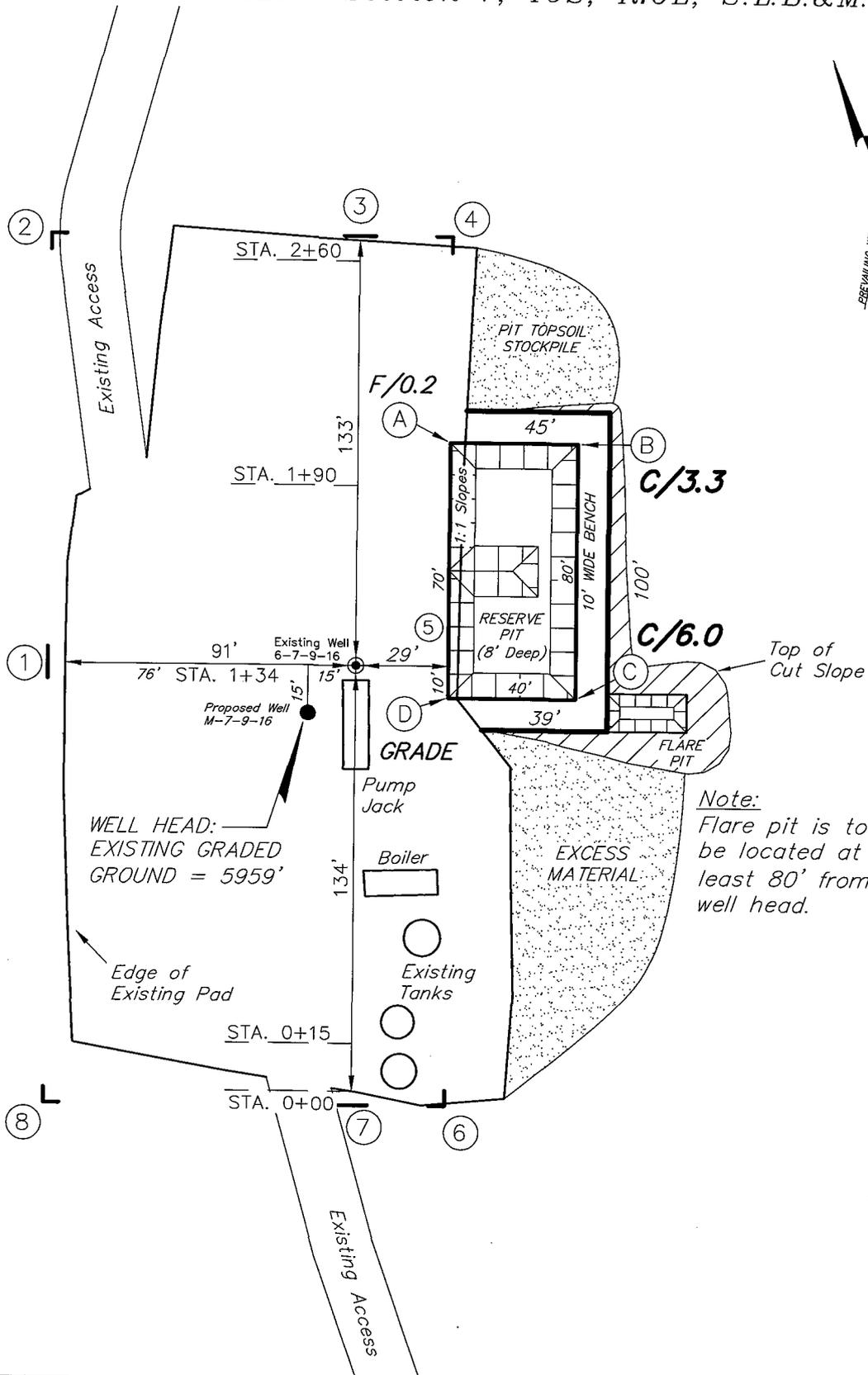
**Tri State** Land Surveying, Inc. (435) 781-2501  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

WEST POINT M-7-9-16 (Proposed Well)

WEST POINT 6-7-9-16 (Existing Well)

Pad Location: SENW Section 7, T9S, R16E, S.L.B.&M.



SURVEYED BY: T.H.	DATE SURVEYED: 04-03-08
DRAWN BY: F.T.M.	DATE DRAWN: 04-04-08
SCALE: 1" = 50'	REVISED:

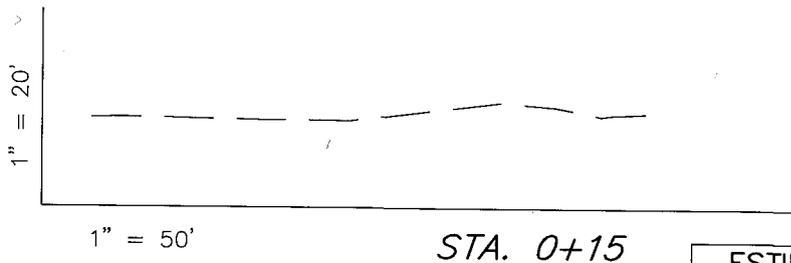
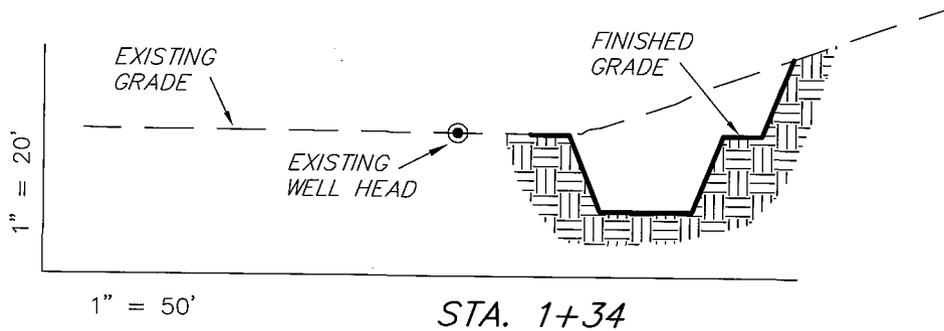
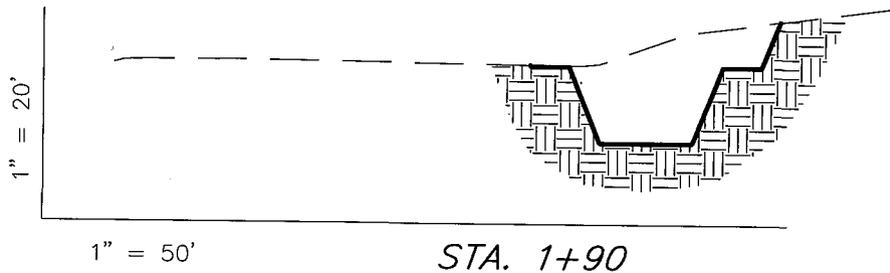
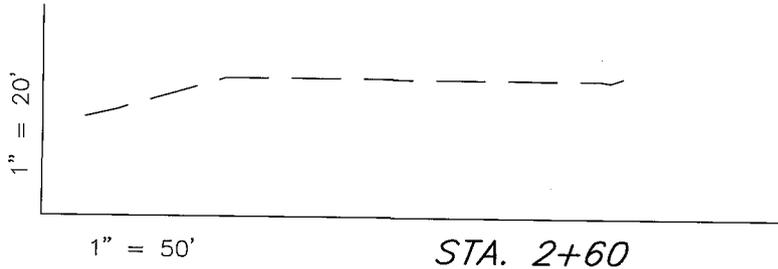
**Tri State** (435) 781-2501  
 Land Surveying, Inc.  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS

WEST POINT M-7-9-16 (Proposed Well)

WEST POINT 6-7-9-16 (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	840	0	Topsoil is not included in Pad Cut	840
PIT	640	0		640
TOTALS	1,480	0	150	1,480

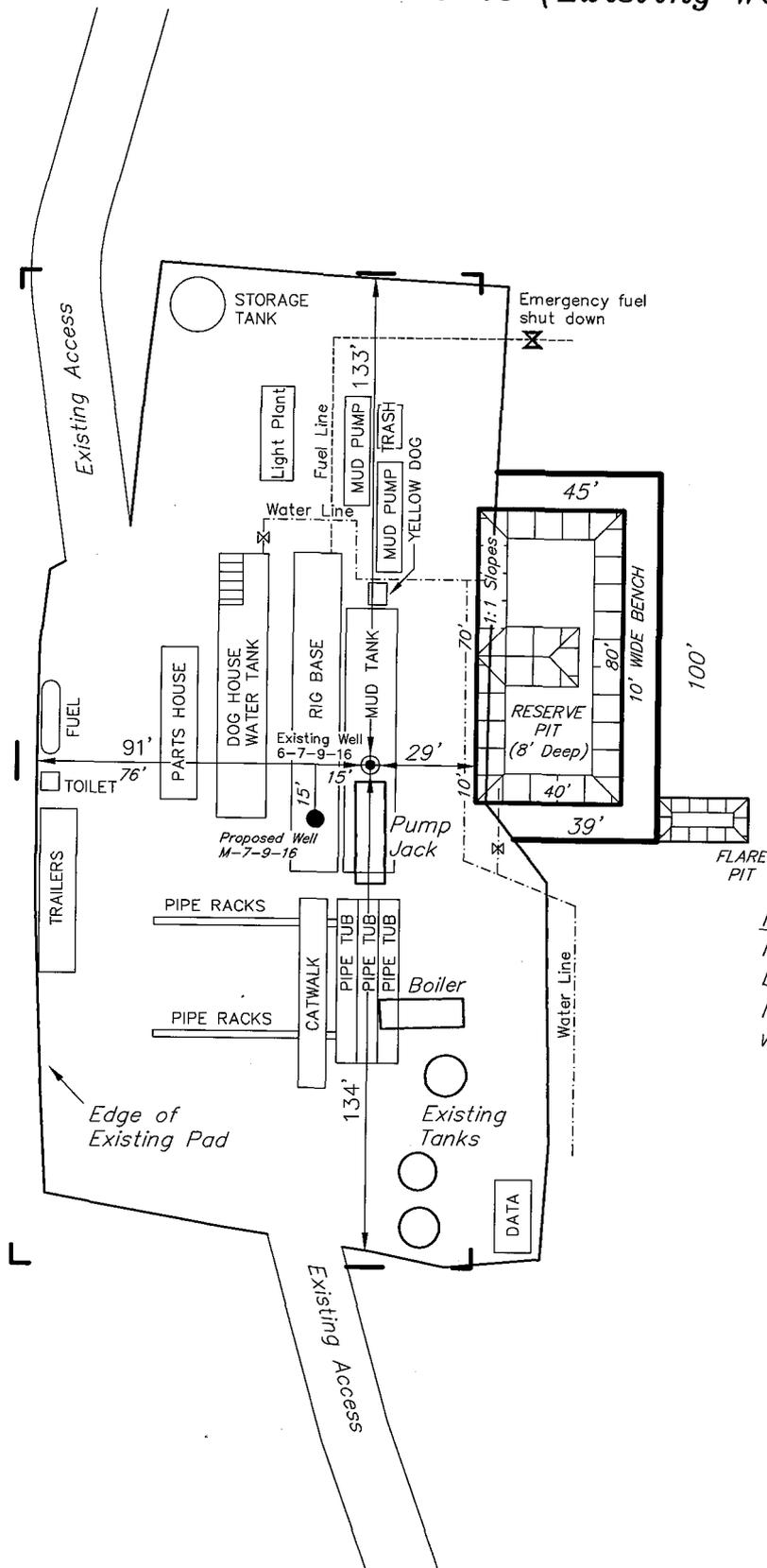
SURVEYED BY: T.H.	DATE SURVEYED: 04-03-08
DRAWN BY: F.T.M.	DATE DRAWN: 04-04-08
SCALE: 1" = 50'	REVISED:

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

# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

WEST POINT M-7-9-16 (Proposed Well)  
 WEST POINT 6-7-9-16 (Existing Well)



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

SURVEYED BY: T.H.	DATE SURVEYED: 04-03-08
DRAWN BY: F.T.M.	DATE DRAWN: 04-04-08
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

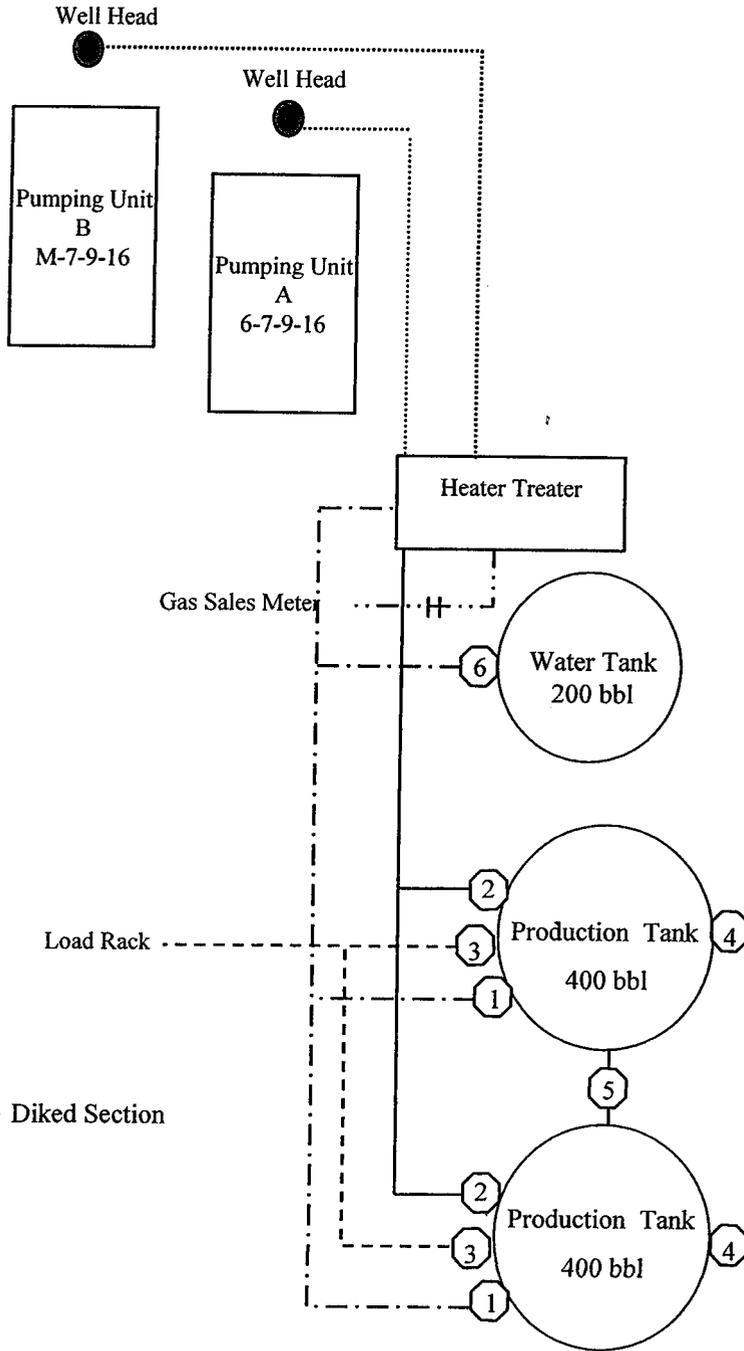
West Point Federal M-7-9-16

From the 6-7-9-16 Location

SE/NW Sec. 7, 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:

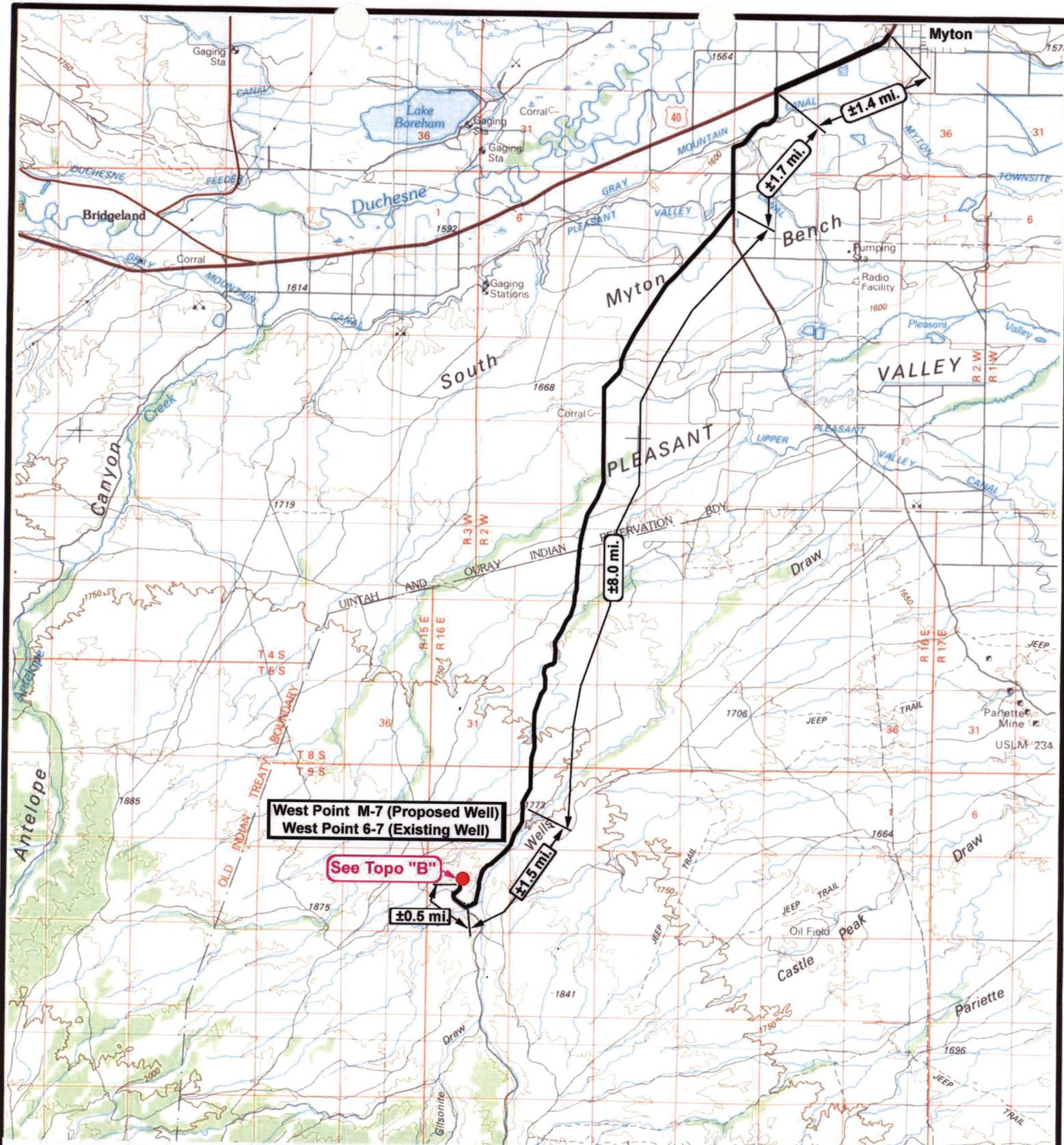
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

### Draining Phase:

- 1) Valves 1 and 6 open

### Legend

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



**West Point M-7 (Proposed Well)**  
**West Point 6-7 (Existing Well)**

See Topo "B"

**NEWFIELD**  
 Exploration Company

**West Point M-7-9-16 (Proposed Well)**  
**West Point 6-7-9-16 (Existing Well)**  
 Pad Location: SENW SEC. 7, T9S, R16E, S.L.B.&M.



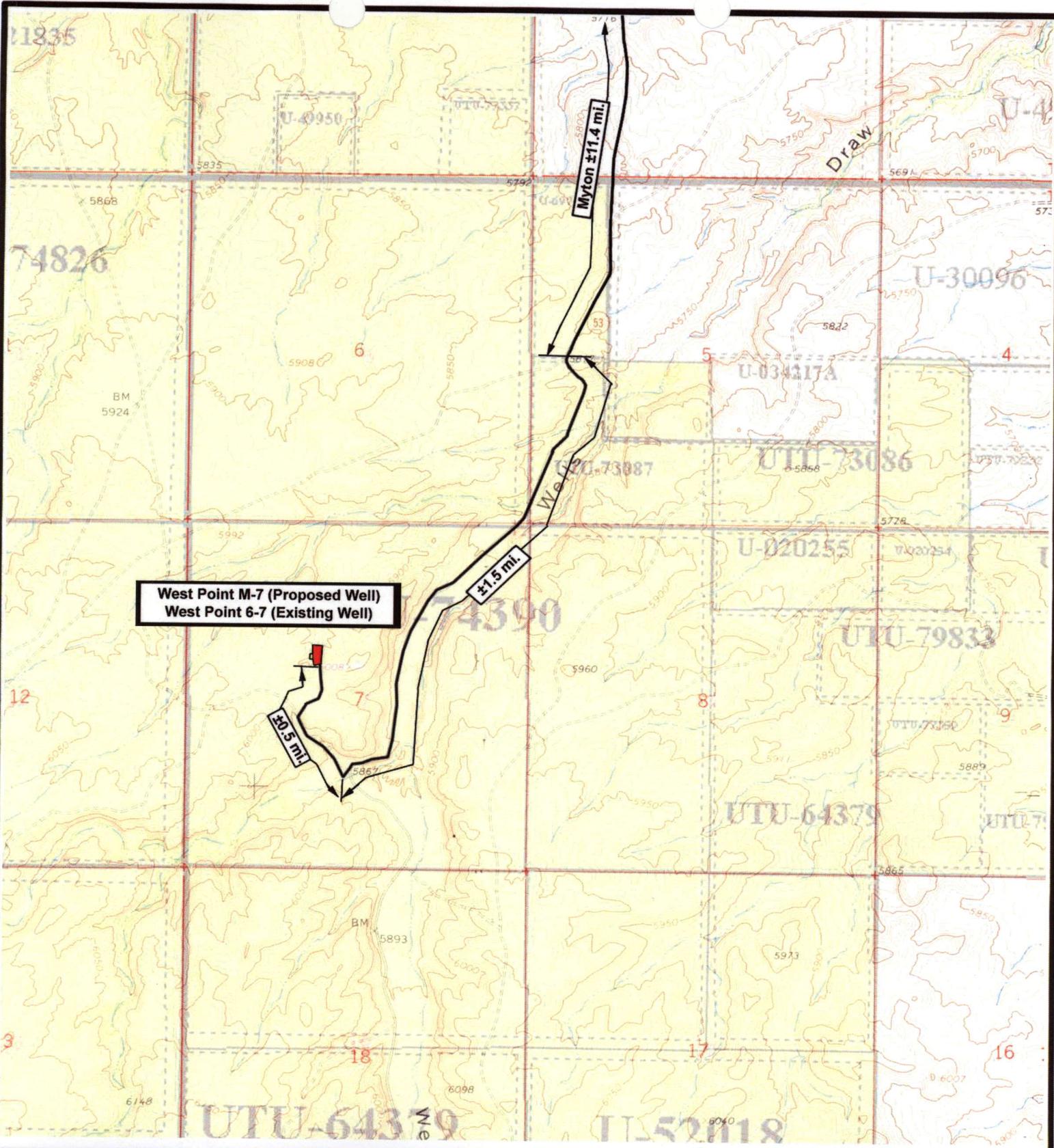
**Tri-State**  
 Land Surveying Inc.  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1:100,000  
 DRAWN BY: nc  
 DATE: 04-08-2008

**Legend**

Existing Road

TOPOGRAPHIC MAP  
**"A"**



**West Point M-7 (Proposed Well)**  
**West Point 6-7 (Existing Well)**

0.5 mi

1.5 mi

Myton ±11.4 mi



**NEWFIELD**  
Exploration Company

**West Point M-7-9-16 (Proposed Well)**  
**West Point 6-7-9-16 (Existing Well)**  
 Pad Location: SENW SEC. 7, T9S, R16E, S.L.B.&M.



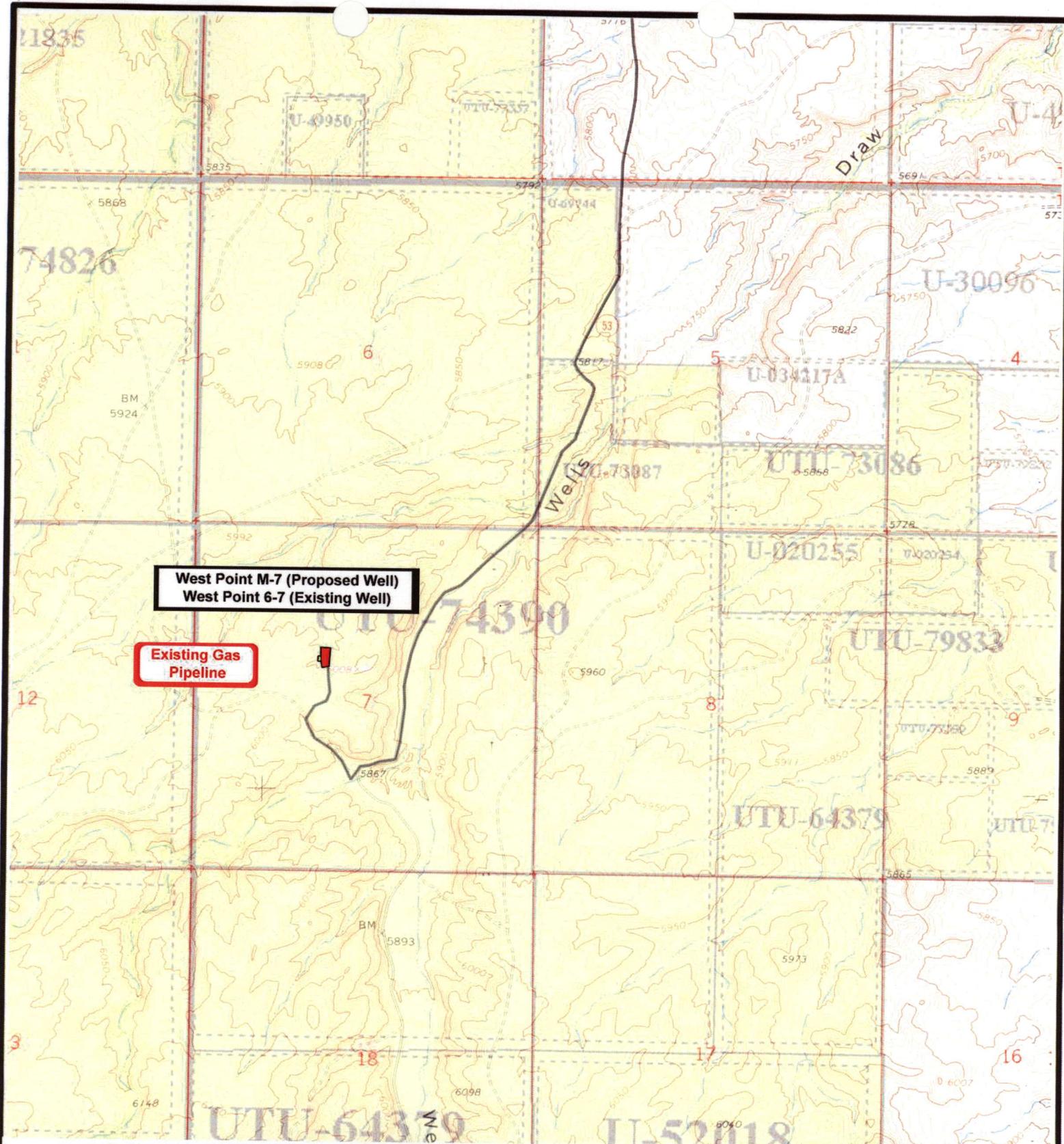

**Tri-State**  
Land Surveying Inc.  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
 DRAWN BY: nc  
 DATE: 04-09-2008

**Legend**

Existing Road

TOPOGRAPHIC MAP  
**"B"**



**West Point M-7 (Proposed Well)  
West Point 6-7 (Existing Well)**

**Existing Gas  
Pipeline**



**NEWFIELD**  
Exploration Company

**West Point M-7-9-16 (Proposed Well)  
West Point 6-7-9-16 (Existing Well)**  
Pad Location: SENW SEC. 7, T9S, R16E, S.L.B.&M.




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

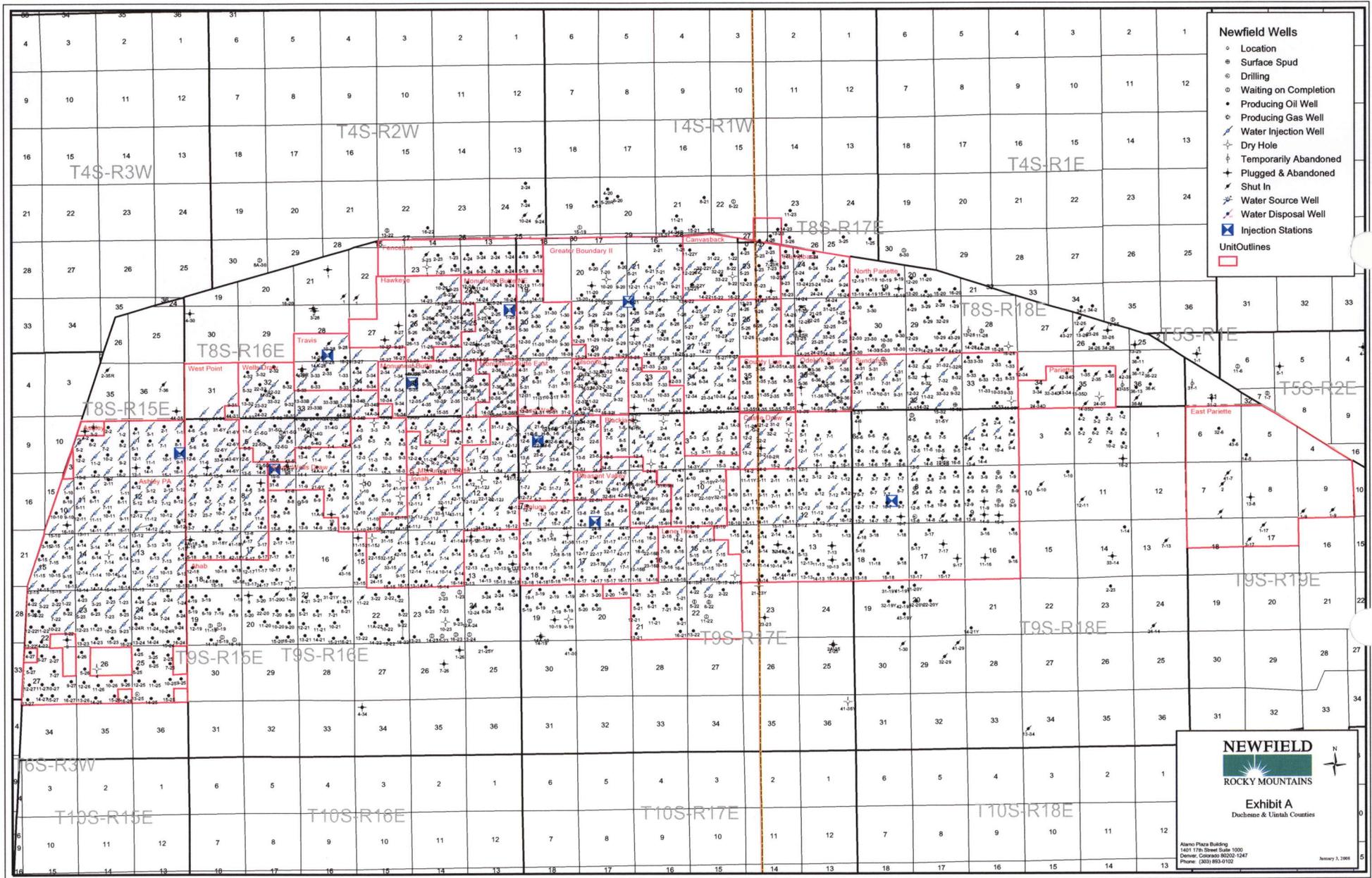
SCALE: 1" = 2,000'  
DRAWN BY: nc  
DATE: 04-09-2008

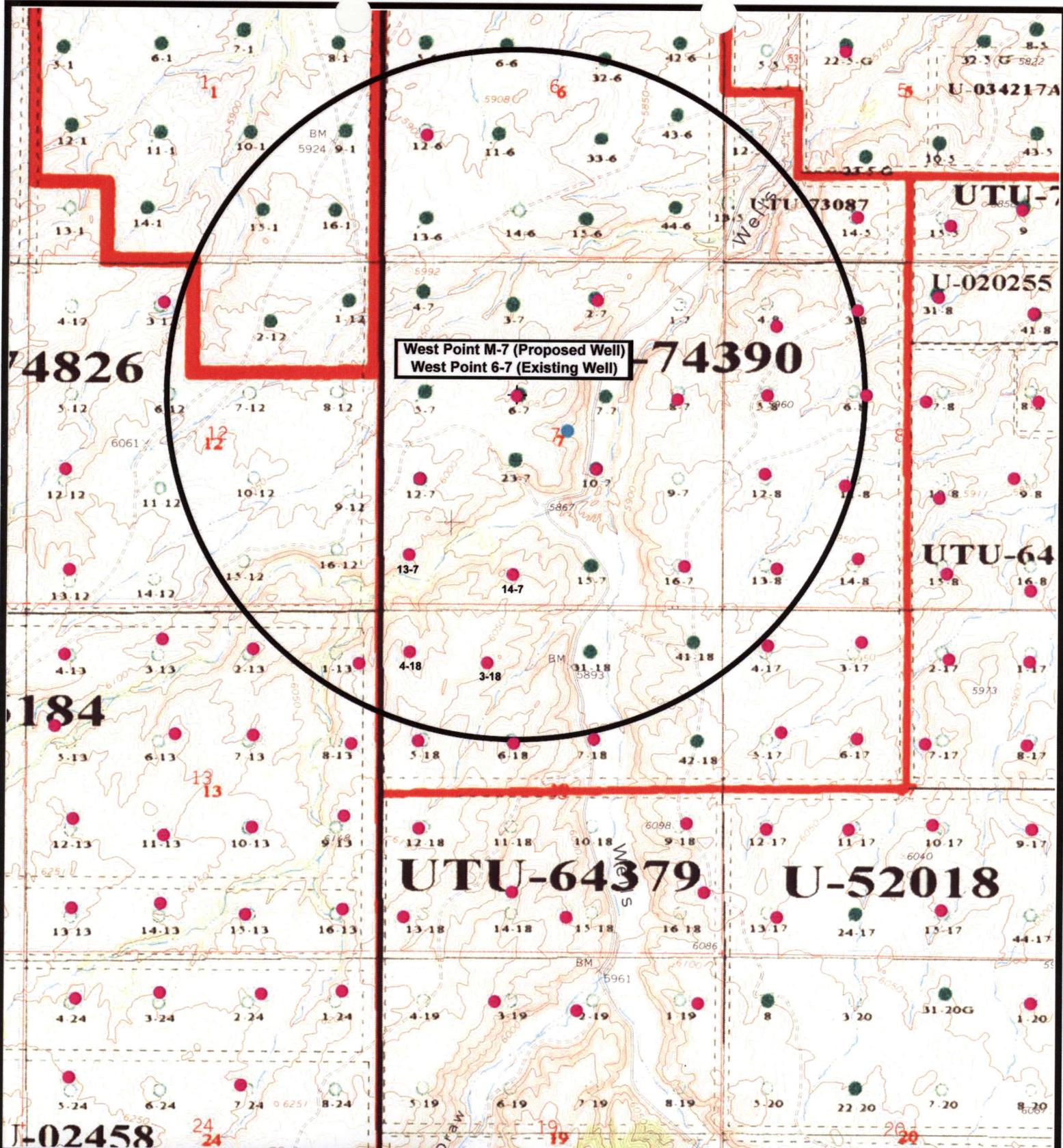
**Legend**

Existing Road

TOPOGRAPHIC MAP

**"C"**





West Point M-7 (Proposed Well)  
 West Point 6-7 (Existing Well)

74390



**NEWFIELD**  
Exploration Company

**West Point M-7-9-16 (Proposed Well)**  
**West Point 6-7-9-16 (Existing Well)**  
 Pad Location: SENW SEC. 7, 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: nc  
 DATE: 04-09-2009

**Legend**

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

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

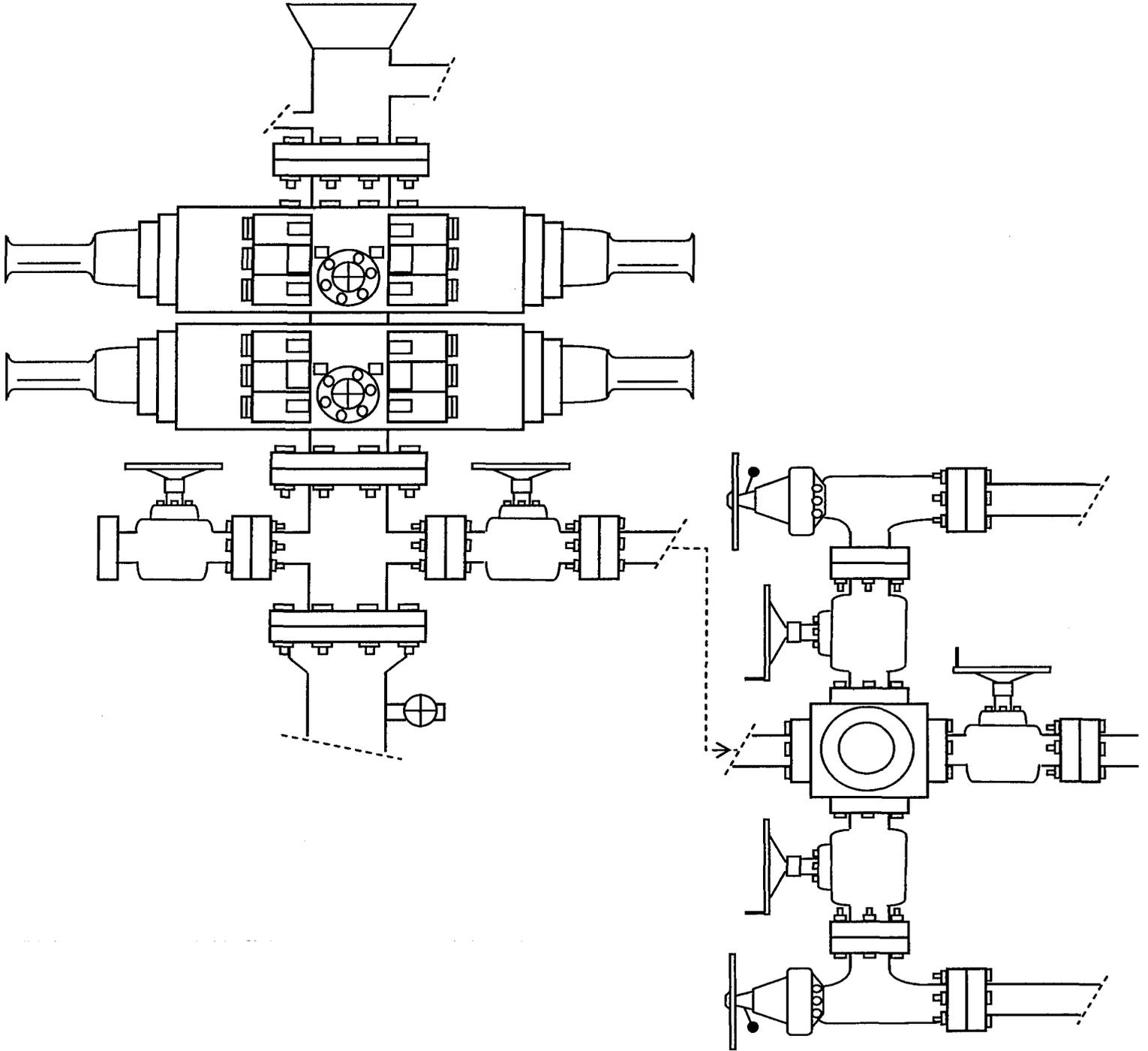


EXHIBIT C

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 05/28/2008

API NO. ASSIGNED: 43-013-33984

WELL NAME: W POINT FED M-7-9-16  
 OPERATOR: NEWFIELD PRODUCTION ( N2695 )  
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SENW 07 090S 160E  
 SURFACE: 2040 FNL 2054 FWL  
 BOTTOM: 2511 ~~EL~~ 2441 FEL  
 COUNTY: DUCHESNE  
 LATITUDE: 40.04712 LONGITUDE: -110.1630  
 UTM SURF EASTINGS: 571396 NORTHINGS: 4433112  
 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:

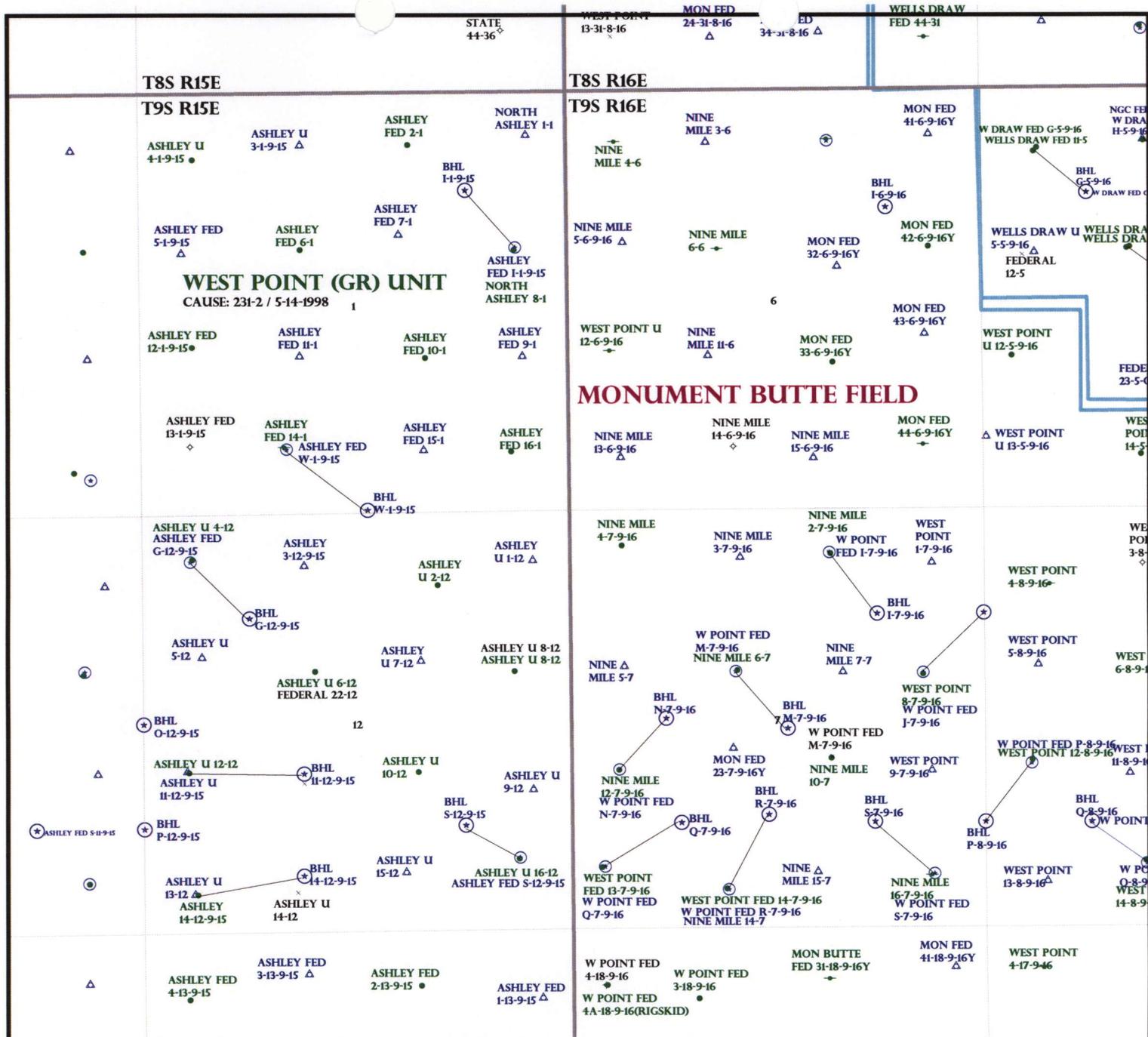
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. WYB000493 )
- n Potash (Y/N)
- n Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 43-10136 )
- n RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- NA Fee Surf Agreement (Y/N)
- NA Intent to Commingle (Y/N)

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 final Siting
- R649-3-11. Directional Drill

COMMENTS: See Separate file

STIPULATIONS: 1-Federal Approval



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 7 T.9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 231-2 / 5-14-1998

**Wells Status**

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

**Field Status**

- ▭ ABANDONED
- ▭ ACTIVE
- ▭ COMBINED
- ▭ INACTIVE
- ▭ PROPOSED
- ▭ STORAGE
- ▭ TERMINATED

**Unit Status**

- ▭ EXPLORATORY
- ▭ GAS STORAGE
- ▭ NF PP OIL
- ▭ NF SECONDARY
- ▭ PENDING
- ▭ PI OIL
- ▭ PP GAS
- ▭ PP GEOTHERML
- ▭ PP OIL
- ▭ SECONDARY
- ▭ TERMINATED



OIL, GAS & MINING



PREPARED BY: DIANA MASON  
DATE: 29-MAY-2008

# 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)

May 29, 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 well is planned for calendar year 2008 within the West Point Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
	(Proposed PZ Green River)	
43-013-33983	W Point Fed Q-7-9-16	Sec 7 T09S R16E 0780 FSL 0403 FWL BHL Sec 7 T09S R16E 1330 FSL 1360 FWL
43-013-33984	W Point Fed M-7-9-16	Sec 7 T09S R16E 2040 FNL 2054 FWL BHL Sec 7 T09S R16E 2511 FSL 2441 FEL

We have no objections to permitting the well 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

MCoulthard:mc:5-29-08



June 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 M-7-9-16**  
West Point Unit  
UTU-77107X  
Surface Hole: T9S R16E, Section 7: SENW  
2040' FNL 2054' FWL  
Bottom Hole: T9S R16E, Section 7  
2511' FNL 2441' FEL  
Duchesne County, Utah

4 3-013-33984

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated May 23, 2008, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and bottom hole location of this well are both within the boundaries of the 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,  
NEWFIELD PRODUCTION COMPANY

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

Roxann Eveland  
Land Associate

RECEIVED  
JUN 06 2008  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

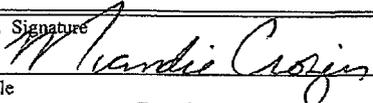
FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

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 M-7-9-16
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 2040' FSL 2054' FWL At proposed prod. zone 2511' FSL 2441' FEL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 13.4 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 7, T9S R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 2839' #/lse, 2839' #/unit	16. No. of Acres in lease 2037.19	12. County or Parish Duchesne
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1135'	19. Proposed Depth 6235'	13. State UT
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5959' GL	22. Approximate date work will start* 3rd Quarter 2008	17. Spacing Unit dedicated to this well 20 Acres
		20. BLM/BIA Bond No. on file WYB000493
		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 5/23/08
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.

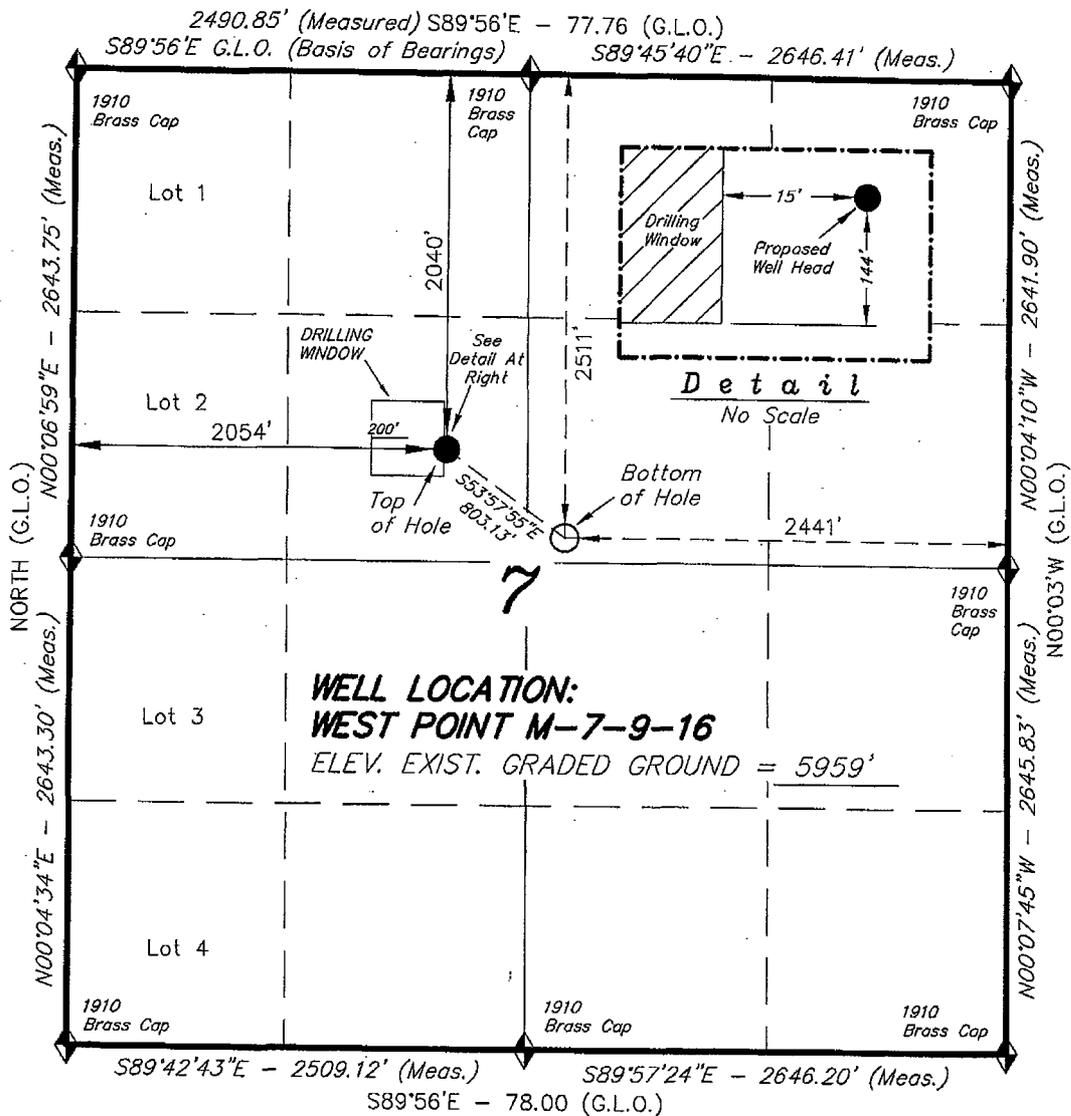
\*(Instructions on reverse)

RECEIVED  
JUN 06 2008  
DIV. OF OIL, GAS & MINING

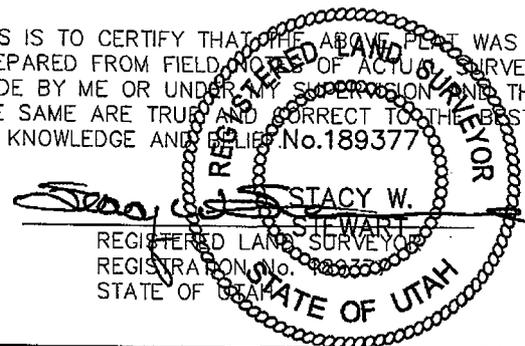
# T9S, R16E, S.L.B.&M.

## NEWFIELD PRODUCTION COMPANY

WELL LOCATION, WEST POINT M-7-9-16,  
 LOCATED AS SHOWN IN THE SE 1/4 NW  
 1/4 OF SECTION 7, T9S, R16E, S.L.B.&M.  
 DUCHESNE COUNTY, UTAH.



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



◆ = SECTION CORNERS LOCATED

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

**WEST POINT M-7-9-16**  
 (Surface Location) NAD 83  
 LATITUDE = 40° 02' 49.57"  
 LONGITUDE = 110° 09' 49.39"

### TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 04-03-08	SURVEYED BY: T.H.
DATE DRAWN: 04-03-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'



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

June 9, 2008

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

Re: West Point Federal M-7-9-16 Well, Surface Location 2040' FNL, 2054' FWL, SE NW, Sec. 7, T. 9 South, R. 16 East, Bottom Location 2511' FNL, 2441' FEL, SW NE, Sec. 7, 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 43-013-33984.

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 M-7-9-16  
API Number: 43-013-33984  
Lease: UTU-74390

Surface Location: SE NW      Sec. 7      T. 9 South      R. 16 East  
Bottom Location: SW NE      Sec. 7      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.

RECEIVED

MAY 28 2008

RECEIVED  
VERNAL FIELD OFFICE

2008 JUN 11 PM 12 00

Form 3160-3  
(September 2001)

BLM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
DEPT OF THE INTERIOR  
BUREAU OF LAND MGMT

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

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 M-7-9-16	
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43 013 33984	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/NW 2040' FNL 2054' FWL At proposed prod. zone 2511' FNL 2441' FEL SW NE		10. Field and Pool, or Exploratory Monument Butte	
14. Distance in miles and direction from nearest town or post office* Approximatley 13.4 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 7, T9S R16E	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 2839' #/lse, 2839' #/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. 1135'	19. Proposed Depth 6235'	20. BLM/BIA Bond No. on file WYB000493	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5959' GL	22. Approximate date work will start* 3rd Quarter 2008	23. Estimated duration Approximately seven (7) days from spud to rig release.	

24. Attachments

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

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

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 5/23/08
Title Regulatory Specialist		
Approved by (Signature) <i>Jerry Kenzka</i>	Name (Printed/Typed) JERRY KENZKA	Date 6-27-2008
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 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)

UDOGM

NOTICE OF APPROVAL

RECEIVED

JUL 07 2008

DIV. OF OIL, GAS & MINING

NOS 4/10/08  
08 PP 0727A



**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**

<b>Company:</b>	<b>Newfield Production Company</b>	<b>Location:</b>	<b>SENW, Sec. 7, T9S, R16E (S) SWNE, Sec. 7, T9S, R16E (B)</b>
<b>Well No:</b>	<b>West Point Federal M-7-9-16</b>	<b>Lease No:</b>	<b>UTU-74390</b>
<b>API No:</b>	<b>43-013-33984</b>	<b>Agreement:</b>	<b>West Point Unit</b>

<b>Title</b>	<b>Name</b>	<b>Office Phone Number</b>	<b>Cell Phone Number</b>
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	(435) 828-4029
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 COAs:**

**STIPULATIONS:**

None

**Lease Notices from RMP:**

1. 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.
2. The lessee/operator is given notice the area has been identified as containing Ferruginous hawk habitat. Modifications may be required in the Surface Use Plan to protect the Ferruginous hawk 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:**

1. This project will be a Categorical Exclusion to the Castle Peak and Eight Mile Flat Oil and Gas Expansion project EIS (August 2005).
2. Sage grouse have not been found within the project area for many consecutive years. No timing restriction will apply to this location.
3. Mountain plover habitat is not present. Habitat is fragmented with many rolling hills and vegetation coverage over 30%. The project well will be directional drilled from an existing location.

**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) shall require additional surveys and clearances.**

**CONDITIONS OF APPROVAL:**

- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- All pipelines (surface and buried) will be laid within one 50' wide construction ROW, on one side of the road, and will reduce down to a 30' wide permanent ROW on lease.

- A temporary road ROW will not be granted. The road ROW will be 30 foot for construction and will reduce to an 18 foot running surface.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed. All roads will have an 18', crowned (2 to 3% minimum), running surface. All roads will have drainage ditches along both sides of road.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- To insure impermeability, the reserve pit will be lined with a 16 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- Any hydrocarbons in the reserve pit will be removed **immediately** upon well completion; in accordance with 43 CFR 3162.7-1. Pits must be free of oil and other liquid and solid wastes prior to filling.
- Monument Butte SOP, Section 9.2 - Pit Fencing Minimum Standards - will be strictly adhered to. To include 9.2.2.3 - Corner posts will be cemented and/or braced in such a manner as to keep fence tight at all times.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- **Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim/Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the re-spreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.**

• **Interim Reclamation:**

The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be re-contoured and the topsoil re-spread, and the area shall be **seeded using a rangeland drill**. Seeding depth as per AO, or seed distributor. If portions of the site are too steep (>40%), or rocky, that portion may be broadcast seeded. If broadcasting seed, the seed shall be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain. Seeding shall occur in the fall (August 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	1/4 - 1/2"
Siberian wheatgrass	<i>Agropyron fragile</i>	1.0	1/2"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	1/2"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	1/2"
Gardner's saltbush	<i>Atriplex gardneri</i>	0.50	1/2"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	1/8 - 1/4"

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

• **Final reclamation:**

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

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

- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

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

**SITE SPECIFIC DOWNHOLE COAs:**

- None

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

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

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

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Wellogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

**DIVISION OF OIL, GAS AND MINING**

**SPUDDING INFORMATION**

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: W POINT FED M-7-9-16

Api No: 43-013-33984 Lease Type: FEDERAL

Section 07 Township 09S Range 16E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 24

**SPUDDED:**

Date 08/25/08

Time 2:30 PM

How DRY

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

Reported by DON BASTIAN

Telephone # (435) 823-6012

Date 08/25/08 Signed CHD

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

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

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
B	99999	13195	4301333964	SOUTH MON BUTTE FEDERAL G-1-9-16	SENW	1	9S	16E	DUCHESNE	8/16/2008	
WELL 1 COMMENTS: <i>processed 8/25/08</i>											
A	99999	17063	4304739410	UTE TRIBAL 15-35-4-1E	SWSE	35	4S	1E	UINTAH	8/20/2008	9/22/08
GRRU (Rigskid to 43-047-40333)											
A	99999		4304740333	UTE TRIBAL 15A-35-4-1	SWSE	35	4S	1E	UINTAH	8/22/2008	
HOLD											
A	99999	17064	4301333230	FEDERAL 11-20-9-17	NESW	20	9S	17E	DUCHESNE	8/21/2008	9/22/08
GRRU											
A	99999	17065	4304736468	FEDERAL 9-12-9-18	NESW	12	9S	18E	UINTAH	8/25/2008	9/22/08
WELL 5 COMMENTS: <i>MNES</i> <i>NESE</i>											
B	99999	12418	4301333984	WEST POINT FEDERAL <i>m</i> 7-9-16	SENW	7	9S	16E	DUCHESNE	8/25/2008	9/22/08
WELL 6 COMMENTS: <i>GRRU</i> <i>BAL = SWNE</i>											

**CONFIDENTIAL**

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

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

RECEIVED  
AUG 28 2008

*[Signature]*  
Signature  
Jentri Park  
Production Clerk  
08/28/08  
Date

OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

1. Type of Well  
 Oil Well    Gas Well    Other

2. Name of Operator  
 NEWFIELD PRODUCTION COMPANY

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

3b. Phone    (include area code)  
                   435.646.3721

4. Location of Well    (Footage, Sec., T., R., M., or Survey Description)  
                             Section 7 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 M-7-9-16

9. API Well No.  
 4301333984

10. Field and Pool, or Exploratory Area  
 MONUMENT BUTTE

11. County or Parish, State  
 DUCHESNE, UT

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

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

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

On 8/25/08 MIRU Ross #24. Spud well @ 9:00am. Drill 330' of 12 1/4" hole with air mist. TIH w/7 jt's 85/8" j-55 24# csgn. set @ 336.28KB. On 8/29/08 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello-Flake mixed @15.8 ppg>1.17 cf/sk yeild. Returned 7 bbls cement to pit. Woc.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Jay Burton	Title Drilling Foreman
Signature <i>Jay E. Burton</i>	Date 08/29/2008

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

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

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

(Instructions on page 2)

**RECEIVED**  
**SEP 04 2008**  
 DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

\_\_\_\_\_ **8 5/8** \_\_\_\_\_ CASING SET AT \_\_\_\_\_ **336.28** \_\_\_\_\_

LAST CASING 8 5/8" SET AT 326.27'  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 330 LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company  
 WELL West Point Federal M-7-9-16  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Ross Rig # 24

**LOG OF CASING STRING:**

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 44.80'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	324.43
		<b>GUIDE</b> shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			326.28
TOTAL LENGTH OF STRING		326.28	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			<b>336.28</b>
TOTAL		324.43	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		324.43	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.		Spud	8/25/2008	9:30am	GOOD CIRC THRU JOB <u>yes</u>		
CSG. IN HOLE			8/25/2008	1:00pm	Bbls CMT CIRC TO SURFACE <u>7</u>		
BEGIN CIRC			8/29/2008	10:36am	RECIPROCATED PIPE FOR <u>N/A</u>		
BEGIN PUMP CMT			8/29/2008	10:48am			
BEGIN DSPL. CMT			8/29/2008	10:58am	BUMPED PLUG TO _____ 200 _____ PSI		
PLUG DOWN			8/29/2008	11:05am			

CEMENT USED		CEMENT COMPANY- <b>B. J.</b>	
STAGE	# SX	CEMENT TYPE & ADDITIVES	
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield	

CENTRALIZER & SCRATCHER PLACEMENT	SHOW MAKE & SPACING
Centralizers - Middle first, top second & third for 3	

COMPANY REPRESENTATIVE Jay Burton \_\_\_\_\_ DATE 8/29/2008 \_\_\_\_\_

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.

7. If Unit or CA/Agreement, Name and/or

WEST POINT UNIT

8. Well Name and No.

WEST POINT FEDERAL M-7-9-16

9. API Well No.

4301333984

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

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

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include are code)

435.646.3721

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

Section 7 T9S R16E

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

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

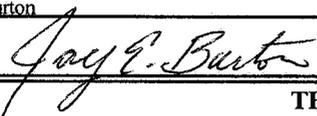
13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical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

On 9/13/08 MIRU Patterson # 52. 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 @ 290'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6300'. 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, 161 jt's of 5.5 J-55, 15.5# csgn. Set @ 6292.45'/ KB. Cement with 350 sks cement mixed @ 11.0 ppg & 3.43 yld. The 475 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 0 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 112,000 #'s tension. Release rig @ 5:00am on 9/20/08.

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

Jay Burton

Signature



Title

Drilling Foreman

Date

09/20/2008

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

Approved by .....

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

Title

Office

Date

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

(Instructions on page 2)

**RECEIVED**

**SEP 24 2008**

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

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

5 1/2" CASING SET AT 6292.45

LAST CASING 8 5/8" SET # 326.27  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING 12'  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 6300 Loggers 6293  
 HOLE SIZE 7 7/8"

Flt cllr @ 6254  
 OPERATOR Newfield Production Company  
 WELL SWD Fed M-7-9-16  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Patterson # 52  
 TVD = ' \_\_\_\_\_

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		<b>Short jt</b> 4184' (5.38)					
161	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	6240.75
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	38.45
		<b>GUIDE</b> shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6294.45
TOTAL LENGTH OF STRING		6294.45	161	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		230.39	6	CASING SET DEPTH			<b>6292.45</b>
TOTAL		<b>6509.59</b>	167	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6509.59	167				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		9/19/2008	4:30pm	GOOD CIRC THRU JOB <u>no</u>			
CSG. IN HOLE		9/19/2008	9:00pm	Bbls CMT CIRC TO SURFACE <u>0</u>			
BEGIN CIRC		9/19/2008	9:00pm	RECIPROCATED PIPE FOR <u>THRUSTROKE NA</u>			
BEGIN PUMP CMT		9/19/2008	10:45pm	DID BACK PRES. VALVE HOLD ? <u>YES</u>			
BEGIN DSPL. CMT		9/19/2008	11:46pm	BUMPED PLUG TO <u>1800</u> PSI			
PLUG DOWN		9/20/2008	12:10am				
CEMENT USED		CEMENT COMPANY- <b>B. J.</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	350	Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2	475	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Jay Burton DATE 9/20/2008

**RECEIVED**

**SEP 24 2008**

DIV. OF OIL, GAS & MINING

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

5. LEASE DESIGNATION AND SERIAL NO.

UTU-74390

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

1a. TYPE OF WORK

OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

1b. TYPE OF WELL

NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF RESVR.  Other \_\_\_\_\_

7. UNIT AGREEMENT NAME

WEST POINT UNIT

8. FARM OR LEASE NAME, WELL NO.

WEST POINT FEDERAL M-7-9-16

2. NAME OF OPERATOR

Newfield Exploration Company

9. WELL NO.

43-013-33984

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

10. FIELD AND POOL OR WILDCAT

Monument Butte

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)\*

At Surface 2040' FNL & 2054' FWL (SE/NW) Sec. 7, T9S, R16E

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

Sec. 7, T9S, R16E

At total depth

2550 fnl 2472 fel

14. API NO.

43-013-33984

DATE ISSUED

6/9/08

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUDDED

8/25/08

16. DATE T.D. REACHED

9/18/08

17. DATE COMPL. (Ready to prod.)

10/21/08

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

5959' GL

5971' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6300 6240

21. PLUG BACK T.D., MD & TVD

6253' 6193

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

----->

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

Green River 4274-6120'

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED

No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	336.28'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6292.45'	7-7/8"	350 sx Premlite II and 475 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 6159'	TA @ 6094'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP5) 6044-6052'	.49"	4/32	6044-6052'	Frac w/ 24982# 20/40 sand in 384 bbls fluid
(CP1) 5762-62' & (CP2) 5792-5802'	.49"	4/64	5762-5802'	Frac w/ 44978# 20/40 sand in 452 bbls fluid
(LODC) 5438-5456'	.49"	4/72	5438-5456'	Frac w/ 60003# 20/40 sand in 517 bbls fluid
(B2) 5144-5150'	.49"	4/24	5144-5150'	Frac w/ 19858# 20/40 sand in 353 bbls fluid
(C) 5010-5024'	.49"	4/56	5010-5024'	Frac w/ 40196# 20/40 sand in 403 bbls fluid
(D1) 4846-4858'	.49"	4/48	4846-4858'	Frac w/ 35141# 20/40 sand in 368 bbls fluid
(GB6) 4370-4380'	.49"	4/40	4370-4380'	Frac w/ 29564# 20/40 sand in 378 bbls fluid
(GB4) 4274-4288'	.49"	4/56	4274-4288'	Frac w/ 46855# 20/40 sand in 427 bbls fluid

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)					
10/21/08	2-1/2" x 1-3/4" x 21' RHAC Pump w/ SM Plunger	PRODUCING					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10/27/08			----->	136	25	53	184
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
		----->					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED

*Tammi Lee*

TITLE

Production Clerk

RECEIVED

10/28/2008

Tammi Lee

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

OCT 30 2008

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			<p style="text-align: center;"><b>Well Name</b>  <b>West Point Federal M-7-9-16</b></p>

38.

**GEOLOGIC MARKERS**

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch Mkr	3799'	
Garden Gulch 1	4024'	
Garden Gulch 2	4134'	
Point 3 Mkr	4396'	
X Mkr	4664'	
Y-Mkr	4699'	
Douglas Creek Mkr	4813'	
B Carbonate Mkr	5054'	
B Limestone Mkr	5165'	
Castle Peak	5696'	
Basal Carbonate	6143'	
Total Depth (LOGGERS)	6293	



**Scientific  
Drilling**

## Directional Survey Certification

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

<b>Operator</b>	<u>Newfield Exploration Co.</u>
<b>Well Name &amp; No.</b>	<u>West Point M-7-9-16</u>
<b>County &amp; State</b>	<u>Duchesne County, UT</u>
<b>SDI Job No.</b>	<u>42DEF0809750</u>
<b>Rig</b>	<u>Patterson 52</u>

I, Julie Cruse, having personal knowledge of all the facts, hereby certify that the attached directional survey run from a measured depth of 347 feet to a measured depth of 6300 feet is true and correct as determined from all available records.

Julie Cruse

Signature

29-Sep-08

Date

**Julie Cruse**

Rockies Region Engineer  
Scientific Drilling - Rocky Mountain District

# **Newfield Exploration Co.**

**Duchesne County, UT NAD83 UTC**

**West Point**

**West Point M-7-9-16**

**OH**

**Design: OH**

## **Standard Survey Report**

**25 September, 2008**

# Scientific Drilling

## Survey Report

**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT NAD83 UTC  
**Site:** West Point  
**Well:** West Point M-7-9-16  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well West Point M-7-9-16  
**TVD Reference:** GL 5959' & RKB 12' @ 5971.00ft (Patterson 52)  
**MD Reference:** GL 5959' & RKB 12' @ 5971.00ft (Patterson 52)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.16 Multi User Db

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

<b>Site</b> 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 M-7-9-16, 2040' FNL 2054' FWL Sec 7 T9S R16E						
<b>Well Position</b>	+N/-S	0.00 ft	<b>Northing:</b>	7,188,689.69 ft	<b>Latitude:</b>	40° 2' 49.570 N
	+E/-W	0.00 ft	<b>Easting:</b>	2,014,490.51 ft	<b>Longitude:</b>	110° 9' 49.390 W
<b>Position Uncertainty</b>	0.00 ft		<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	5,959.00 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</b>
	IGRF2005-10	2008-09-10	(°)	(°)	(nT)
			11.69	65.85	52,552

<b>Design</b> OH					
<b>Audit Notes:</b>					
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD)</b>	<b>+N/-S</b>	<b>+E/-W</b>	<b>Direction</b>	
	(ft)	(ft)	(ft)	(°)	
	0.00	0.00	0.00	126.03	

<b>Survey Program</b> Date 2008-09-25					
<b>From</b>	<b>To</b>	<b>Survey (Wellbore)</b>	<b>Tool Name:</b>	<b>Description</b>	
(ft)	(ft)				
347.00	6,300.00	Survey #1 (OH)	MWD	MWD - Standard	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
347.00	0.05	79.97	347.00	0.03	0.15	0.11	0.01	0.01	0.00	
<b>First MWD Survey</b>										
377.00	0.32	134.23	377.00	-0.03	0.22	0.20	0.98	0.90	180.87	
469.00	1.25	128.65	468.99	-0.84	1.19	1.45	1.01	1.01	-6.07	
562.00	1.94	125.23	561.95	-2.38	3.27	4.04	0.75	0.74	-3.68	
654.00	2.93	137.70	653.87	-5.01	6.12	7.90	1.21	1.08	13.55	
746.00	3.79	139.65	745.71	-9.07	9.67	13.16	0.94	0.93	2.12	
838.00	4.52	135.13	837.47	-13.96	14.20	19.69	0.87	0.79	-4.91	
930.00	4.76	134.72	929.17	-19.21	19.47	27.05	0.26	0.26	-0.45	
1,028.00	6.31	125.41	1,026.71	-25.19	26.75	36.45	1.82	1.58	-9.50	
1,123.00	8.31	123.11	1,120.93	-31.97	36.76	48.53	2.13	2.11	-2.42	
1,218.00	9.62	120.51	1,214.77	-39.75	49.35	63.29	1.44	1.38	-2.74	

# Scientific Drilling

## Survey Report

**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT NAD83 UTC  
**Site:** West Point  
**Well:** West Point M-7-9-16  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:**  
**TVD Reference:**  
**MD Reference:**  
**North Reference:**  
**Survey Calculation Method:**  
**Database:**

Well West Point M-7-9-16  
 GL 5959' & RKB 12' @ 5971.00ft (Patterson 52)  
 GL 5959' & RKB 12' @ 5971.00ft (Patterson 52)  
 True  
 Minimum Curvature  
 EDM 2003.16 Multi User Db

### Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,314.00	9.57	123.13	1,309.43	-48.18	62.94	79.24	0.46	-0.05	2.73
1,409.00	9.49	120.84	1,403.12	-56.52	76.28	94.93	0.41	-0.08	-2.41
1,504.00	9.68	121.13	1,496.79	-64.66	89.84	110.69	0.21	0.20	0.31
1,599.00	9.56	122.89	1,590.46	-73.07	103.30	126.52	0.33	-0.13	1.85
1,695.00	9.39	119.26	1,685.15	-81.23	116.82	142.26	0.65	-0.18	-3.78
1,790.00	8.93	118.45	1,778.93	-88.53	130.07	157.26	0.50	-0.48	-0.85
1,886.00	8.15	120.40	1,873.87	-95.52	142.49	171.42	0.87	-0.81	2.03
1,980.00	7.43	123.52	1,967.00	-102.25	153.30	184.12	0.89	-0.77	3.32
2,075.00	7.52	133.46	2,061.20	-109.92	162.94	196.42	1.36	0.09	10.46
2,170.00	8.24	134.97	2,155.30	-119.01	172.27	209.31	0.79	0.76	1.59
2,266.00	8.21	136.38	2,250.31	-128.83	181.86	222.85	0.21	-0.03	1.47
2,360.00	8.73	136.13	2,343.29	-138.83	191.44	236.48	0.55	0.55	-0.27
2,455.00	8.29	135.82	2,437.24	-148.94	201.20	250.32	0.47	-0.46	-0.33
2,550.00	8.89	132.78	2,531.18	-158.84	211.37	264.36	0.79	0.63	-3.20
2,645.00	7.76	138.74	2,625.18	-168.65	220.98	277.91	1.50	-1.19	6.27
2,741.00	7.71	128.84	2,720.31	-177.56	230.27	290.67	1.39	-0.05	-10.31
2,836.00	8.47	116.54	2,814.37	-184.68	241.50	303.93	1.98	0.80	-12.95
2,931.00	9.09	118.65	2,908.25	-191.40	254.34	318.27	0.74	0.65	2.22
3,026.00	8.14	118.63	3,002.18	-198.23	266.83	332.39	1.00	-1.00	-0.02
3,121.00	7.98	118.63	3,096.24	-204.61	278.52	345.60	0.17	-0.17	0.00
3,216.00	6.14	117.44	3,190.52	-210.11	288.82	357.16	1.94	-1.94	-1.25
3,311.00	8.95	121.46	3,284.69	-216.31	299.64	369.55	3.01	2.96	4.23
3,407.00	8.94	122.08	3,379.52	-224.17	312.33	384.44	0.10	-0.01	0.65
3,501.00	9.37	123.15	3,472.32	-232.23	324.92	399.37	0.49	0.46	1.14
3,597.00	9.96	122.20	3,566.96	-240.93	338.49	415.45	0.64	0.61	-0.99
3,692.00	9.74	123.35	3,660.56	-249.72	352.15	431.68	0.31	-0.23	1.21
3,788.00	8.55	118.93	3,755.34	-257.64	365.18	446.87	1.44	-1.24	-4.60
3,883.00	8.92	117.30	3,849.24	-264.43	377.91	461.16	0.47	0.39	-1.72
3,979.00	8.89	117.58	3,944.08	-271.28	391.10	475.85	0.05	-0.03	0.29
4,074.00	8.31	120.87	4,038.01	-278.20	403.50	489.95	0.80	-0.61	3.46
4,169.00	8.29	121.69	4,132.02	-285.32	415.22	503.62	0.13	-0.02	0.86
4,265.00	7.86	123.30	4,227.06	-292.56	426.59	517.08	0.51	-0.45	1.68
4,359.00	8.88	121.59	4,320.06	-299.89	438.14	530.73	1.12	1.09	-1.82
4,455.00	8.00	124.58	4,415.02	-307.57	449.96	544.80	1.02	-0.92	3.11
4,550.00	8.16	126.71	4,509.08	-315.35	460.80	558.15	0.36	0.17	2.24
4,646.00	8.55	126.09	4,604.06	-323.62	472.03	572.10	0.42	0.41	-0.65
4,741.00	8.63	135.93	4,698.00	-332.91	482.70	586.18	1.55	0.08	10.36
4,836.00	9.69	128.39	4,791.79	-342.99	493.92	601.19	1.68	1.12	-7.94
4,931.00	8.88	127.95	4,885.54	-352.47	505.97	616.51	0.86	-0.85	-0.46
5,026.00	8.46	128.59	4,979.46	-361.34	517.21	630.82	0.45	-0.44	0.67
5,122.00	8.28	130.22	5,074.44	-370.20	528.01	644.77	0.31	-0.19	1.70
5,217.00	8.29	134.85	5,168.45	-379.45	538.09	658.36	0.70	0.01	4.87
5,312.00	8.57	133.51	5,262.42	-389.15	548.08	672.14	0.36	0.29	-1.41
5,408.00	8.69	137.83	5,357.33	-399.45	558.14	686.33	0.69	0.12	4.50
5,501.00	8.74	139.75	5,449.26	-410.05	567.42	700.07	0.32	0.05	2.06
5,596.00	9.15	149.02	5,543.11	-422.04	575.97	714.04	1.58	0.43	9.76
5,691.00	9.19	155.19	5,636.90	-435.40	583.04	727.62	1.04	0.04	6.49
5,787.00	8.81	149.90	5,731.72	-448.72	589.95	741.04	0.95	-0.40	-5.51
5,882.00	8.40	151.28	5,825.65	-461.10	596.93	753.96	0.48	-0.43	1.45
5,977.00	7.68	154.97	5,919.71	-472.94	602.95	765.80	0.93	-0.76	3.88
6,071.00	7.53	156.06	6,012.89	-484.26	608.11	776.63	0.22	-0.16	1.16
6,166.00	7.43	157.47	6,107.08	-495.62	612.99	787.26	0.22	-0.11	1.48
6,248.00	6.38	157.81	6,188.48	-504.74	616.74	795.65	1.28	-1.28	0.41
6,292.28	6.38	157.81	6,232.49	-509.29	618.60	799.83	0.00	0.00	0.00

# Scientific Drilling

## Survey Report

**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT NAD83 UTC  
**Site:** West Point  
**Well:** West Point M-7-9-16  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well West Point M-7-9-16  
**TVD Reference:** GL 5959' & RKB 12' @ 5971.00ft (Patterson 52)  
**MD Reference:** GL 5959' & RKB 12' @ 5971.00ft (Patterson 52)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.16 Multi User Db

### Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
<b>WP M-7-9-16 PBHL</b>									
6,300.00	6.38	157.81	6,240.16	-510.09	618.92	800.56	0.00	0.00	0.00
Projection to TD									

### Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
WP M-7-9-16 PBHL	0.00	0.00	6,235.00	-472.40	649.50	7,188,227.04	2,015,146.99	40° 2' 44.901 N	110° 9' 41.038 W
- hit/miss target									
- Shape									
- actual wellpath misses target center by 48.19ft at 6292.28ft MD (6232.49 TVD, -509.29 N, 618.60 E)									
- Circle (radius 75.00)									

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



**Daily Activity Report**

Format For Sundry

**NINE MILE M-7-9-16****8/1/2008 To 12/30/2008****10/7/2008 Day: 1****Completion**

Rigless on 10/6/2008 - Instal 5K frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6200' & cement top @ 0'. Perforate stage #1, BKLSH sds @ 6114-20' w/ 3-1/8" Slick Guns (19 gram, .49"HE, 120°) w/ 4 spf for total of 24 shots. 148 bbls EWTR. SIFN.

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**10/14/2008 Day: 2****Completion**

Rigless on 10/13/2008 - Stage #1 BLKSH sds. RU BJ Services. 23 psi on well. Treat BLKSH sds as shown below w/ 780 gals Techni-hib 767w solution, 720 gals fresh water spacer, 600 gals 15% HCL acid w/ additives. Broke @ 3396. Treated w/ avg. pressure of 2405 psi w/ avg. rate of 7.9 bpm. ISIP @ 2112 psi. Leave pressure on well. 365 BWTR. Stage #2 CP5 sds. RU Phoenix Surverys inc WLT, crane & Lubricator. RIH w/ 8' perf gun. Perforate CP5 sds @ 6044-52' w/ 3-1/8" Slick Guns (.39"EH, 19 gram, 120°) w/ 4 spf for total of 32 shots. RU BJ Services. 1470 psi on well. Frac CP5 sds w/ 24,982#'s of 20/40 sand in 384 bbls of Lightning 17 fluid. Broke @ 2082 psi. Treated w/ ave pressure of 2036 psi w/ ave rate of 23.2 BPM. ISIP 1919 psi. Leave pressure on well. 749 BWTR. Stage #3 CP1/CP2 sds. RU Phoenix Surverys inc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 6', 10' perf guns. Perforate CP1 sds @ 5762-68' & CP2 sds @ 5792-5802' w/ 3-1/8" Slick Guns (.39"EH, 19 gram, 120°) w/ 4 spf for total of 64 shots. RU BJ Services. 1461 psi on well. Frac CP1/CP2 sds w/ 44,978#'s of 20/40 sand in 452 bbls of Lightning 17 fluid. Broke @ 1667 psi. Treated w/ ave pressure of 1600 psi w/ ave rate of 23.2 BPM. ISIP 1926 psi. Leave pressure on well. 1201 BWTR. Stage #4 LODC sds. RU Phoenix Surverys inc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 18' perf gun. Perforate LODC sds @ 5438-56' w/ 3-1/8" Slick Guns (.39"EH, 19 gram, 120°) w/ 4 spf for total of 72 shots. RU BJ Services. 1340 psi on well. Frac LODC sds w/ 60,003#'s of 20/40 sand in 517 bbls of Lightning 17 fluid. Broke @ 3981 psi. Treated w/ ave pressure of 2353 psi w/ ave rate of 23.1 BPM. ISIP 2837 psi. Leave pressure on well. 1718 BWTR. Stage #5 B2 sds. RU Phoenix Surverys inc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 6' perf gun. Perforate B2 sds @ 5144-50' w/ 3-1/8" Slick Guns (.39"EH, 19 gram, 120°) w/ 4 spf for total of 24 shots. RU BJ Services. 1834 psi on well. Perfs would not break. Dump bail acid on perfs. RU BJ Services. 1640 psi on well. Frac B2 sds w/ 19,858#'s of 20/40 sand in 353 bbls of Lightning 17 fluid. Broke @ 4191 psi. Treated w/ ave pressure of 2301 psi w/ ave rate of 23.0 BPM. ISIP 1931 psi. Leave pressure on well. 2071 BWTR. Stage #6 C sds. RU Phoenix Surverys inc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 14' perf gun. Perforate C sds @ 5010-24' w/ 3-1/8" Slick Guns (.39"EH, 19 gram, 120°) w/ 4 spf for total of 56 shots. SWIFN.

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**10/15/2008 Day: 3****Completion**

Rigless on 10/14/2008 - Stage #6 C sds. RU BJ Services. 910 psi on well. Frac C sds w/ 40,196#'s of 20/40 sand in 403 bbls of Lightning 17 fluid. Broke @ 2848 psi. Treated w/ ave pressure of 2140 psi w/ ave rate of 23.1 BPM. ISIP 2126 psi. Leave pressure on well. 2474 BWTR. Csg valve nipple started leaking during frac. Set

Composite kill plug @ 4900'. Fix leaking nipple. Stage #7 D1 sds. RU Phoenix Surverys inc WLT, crane & Lubricator. RIH w/ 12' perf gun. Perforate D1 sds @ 4846-58' w/ 3-1/8" Slick Guns (.39"EH, 19 gram, 120°) w/ 4 spf for total of 48 shots. RU BJ Services. 35 psi on well. Frac D1 sds w/ 35,141#'s of 20/40 sand in 368 bbls of Lightning 17 fluid. Broke @ 3503 psi. Treated w/ ave pressure of 1966 psi w/ ave rate of 23.2 BPM. ISIP 2070 psi. Leave pressure on well. 2842 BWTR. Stage #8 GB6 sds. RU Phoenix Surverys inc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 10' perf gun. Perforate GB6 sds @ 4370-80' w/ 3-1/8" Slick Guns (.39"EH, 19 gram, 120°) w/ 4 spf for total of 40 shots. RU BJ Services. 1500 psi on well. Frac GB6 sds w/ 29,564#'s of 20/40 sand in 378 bbls of Lightning 17 fluid. Broke @ 1620 psi. Treated w/ ave pressure of 2016 psi w/ ave rate of 23.1 BPM. ISIP 1922 psi. Leave pressure on well. 3220 BWTR. Stage #9 GB4 sds. RU Phoenix Surverys inc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 10' perf gun. Perforate GB4 sds @ 4274-88' w/ 3-1/8" Slick Guns (.39"EH, 19 gram, 120°) w/ 4 spf for total of 56 shots. RU BJ Services. 1625 psi on well. Frac GB4 sds w/ 46,855#'s of 20/40 sand in 427 bbls of Lightning 17 fluid. Broke @ 2397 psi. Treated w/ ave pressure of 2018 psi w/ ave rate of 23.2 BPM. ISIP 2065 psi. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 6 hrs. & had to shut well in due to oil. SWIFN.

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10/16/2008 Day: 4

Completion

Western #1 on 10/15/2008 - MIRU Western #1. RU PSI wireline. Set Weatherford composite kill plug @ 4225'. Bleed off well. ND Cameron BOP & 5m frac head. NU 3m production head & Schaffer BOP. RIH w/ 4 3/4" chomp bit, bit sub & 103 jts new 2 7/8" tbg. EOT @ 3137'. Circulate well clean. SWIFN w/ 3661 BWTR.

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10/17/2008 Day: 5

Completion

Western #1 on 10/16/2008 - 0 psi on well. Continue to PU & RIH w/ tbg. Tagged kill plug @ 4225'. RU Nabors power swivel. Drill out plugs & circulate sand as follows: Plug @ 4225' (Drilled out in 16 mins), Plug @ 4350', No sand (Drilled up in 22 mins), Plug @ 4460', No sand (Drilled out in 30 mins), Tagged sand @ 4830', Plug @ 4900' (Drilled out in 47 mins), Plug @ 5060', No sand (Drilled out in 25 mins), Tagged sand @ 5170', Plug @ 5200' (Drilled out in 45 mins), Tagged sand @ 5538', Plug @ 5650' (Drilled out in 11 mins). Circulate well clean w/ EOT @ 5661'. SWIFN w/ 3594 BWTR.

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10/18/2008 Day: 6

Completion

Western #1 on 10/17/2008 - 250 psi on tbg, 400 psi on csg. Circulate oil out of well. TIH w/ tbg. tagged fill @ 5807'. RU Nabors power swivel (Swivel broke down). Change out power swivels. Circulate sand & drill out remaining plugs. Tagged sand @ 5807', Plug @ 5850' (Drilled out in 27 mins), Tagged fill @ 6253'. C/O to PBDT @ 6253'. RD power swivel. TOH w/ 2 jts of tbg. EOT @ 6180'. RU swab equipment. IFL @ sfc. Made 8 swab runs. Rec 127 BTF. FFL @ 500'. Had to heat & transfer oil out of flat tank. Transferred 130 bbls of oil to production tank #2. SWIFN w/ 3467 BWTR.

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10/21/2008 Day: 7

Completion

Western #1 on 10/20/2008 - 550 psi on tbg, 420 psi on csg. Circulate oil out of well. TIH w/ tbg. Tagged PBDT @ 6253' (No new fill). LD 9 jts of tbg. TOH w/ 24 jts of tbg. Well started flowing, Circulate well to kill. TOH w/ tbg. LD bit. TIH w/ production tbg as follows. NC, 1-jt, SN, 1-jt, TA, 198-jts of 2 7/8" J-55 tbg. ND BOP, Set TA w/ 16,000#'s of tension @ 6094', SN @ 6127', EOT @ 6159'. NU WH. Flush tbg

w/ 60-BW. PU & RIH w/ rods as follows: "CDI" rod pump, 16,000# shear coupling, 4- 1 1/2" wt bars, 85- 7/8" guided rods (8 per). SWIFN w/ 3384 BWTR.

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10/22/2008 Day: 8

Completion

Western #1 on 10/21/2008 - 550 psi on tbg, 420 psi on csg. Bleed off pressure. Continue to PU & RIH w/ rods. Total detail as follows: "CDI" rod pump, 16,000# shear coupling, 4- 1 1/2" wt bars, 240 - 7/8" guided rods (8 per), 1- 4' X 7/8" pony, 1 1/2" X 26' polish rod. Hang head & space out rods. RD MOSU. POP @ 12:00 AM w/ 5 SPM w/ 122" SL. 2426 BWTR. FINAL REPORT!!!

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**Pertinent Files: Go to File List**