

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 R-7-9-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43013-33974
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/SW 484' FSL 1941' FWL At proposed prod. zone <sup>NE/SW</sup> 1425' FSL 2450' FWL		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. 2450' flse, 2450' 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. 1463'	19. Proposed Depth 6215'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5991' 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 	Name (Printed/Typed) Mandie Crozier	Date 4/22/08
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 05-05-08
Title Office	ENVIRONMENTAL MANAGER	

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

Conditions of approval, if any, are attached.

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

\*(Instructions on reverse)

RECEIVED

APR 29 2008

DIV. OF OIL, GAS & MINING

Surf

Federal Approval of this Action is Necessary BHL

571370X

4432273Y

40.03959

-110.163448

571522X

4432561Y

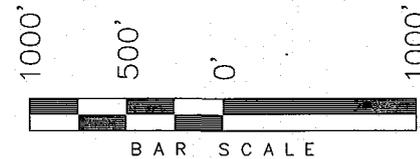
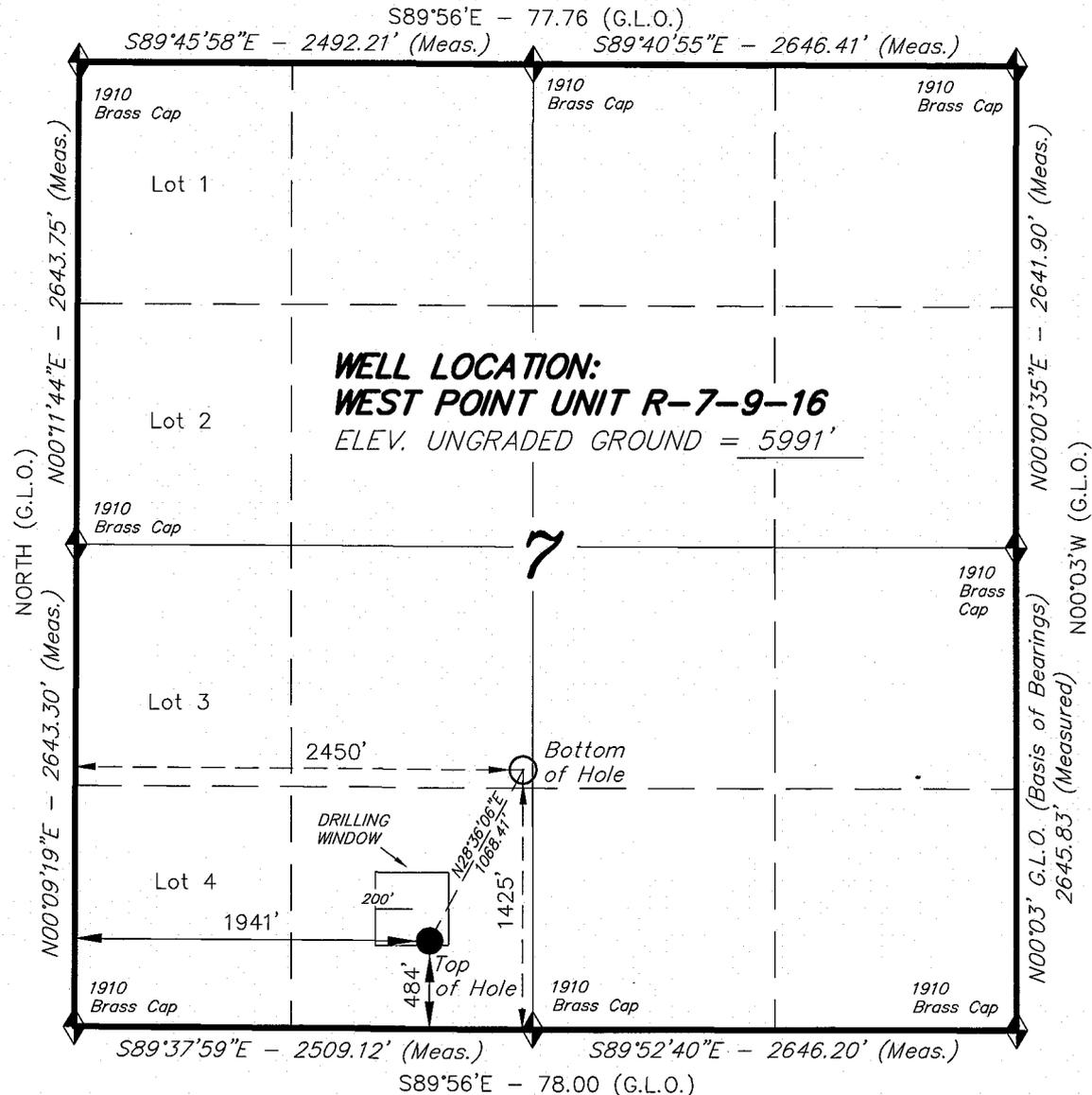
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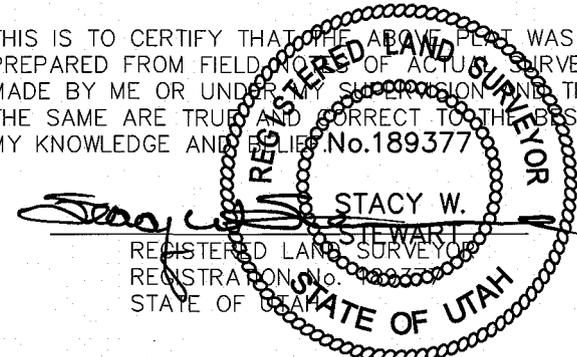
# T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

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



THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS PREPARED FROM FIELD WORK 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 UNIT R-7-9-16**  
**(Surface Location) NAD 83**  
LATITUDE = 40° 02' 22.20"  
LONGITUDE = 110° 09' 50.80"

## TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 02-13-08	SURVEYED BY: T.H.
DATE DRAWN: 03-05-08	DRAWN BY: L.C.S.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY  
WEST POINT FEDERAL R-7-9-16  
AT SURFACE: SE/SW 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' – 1623'
Green River	1623'
Wasatch	6215'

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

Green River Formation 1623' – 6215' - 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 R-7-9-16  
AT SURFACE: SE/SW 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 R-7-9-16 located in the SE 1/4 SW 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 southeast; proceed southeasterly - 0.3 miles  $\pm$  to its junction with an existing road to the southwest; proceed southwesterly - 0.5 miles  $\pm$  to its junction with the beginning of the access road to the existing West Point Federal 14-7-9-16 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 West Point Federal 14-7-9-16 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 West Point Federal 14-7-9-16 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed West Point Federal R-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 R-7-9-16 will be drilled off of the existing West Point Federal 14-7-9-16 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**

Newfield Production Company requests 670' of disturbed area be granted in Lease UTU-74390 to allow for construction of the proposed water line. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. Refer to Topographic Map "C." For a ROW plan of development, please refer to the Monument Butte Field SOP. In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

The Archaeological Resource Survey and Paleontological Resource Survey for the 670' of proposed water injection pipeline is attached. MOAC Report #05-3, 1/5/05. Paleontological Resource Survey prepared by, Wade E. Miller, 3/8/05. See attached report cover pages, Exhibit "D".

**Water Disposal**

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

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

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

None for the proposed West Point Federal R-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)

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

**Details of the On-Site Inspection**

The proposed West Point Federal R-7-9-16 was on-sited on 3/26/08. 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 #R-7-9-16 SE/SW 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.

4/22/08

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 Unit R-7-9-16  
Wellbore: OH  
Design: Plan #1

Newfield Exploration Co.

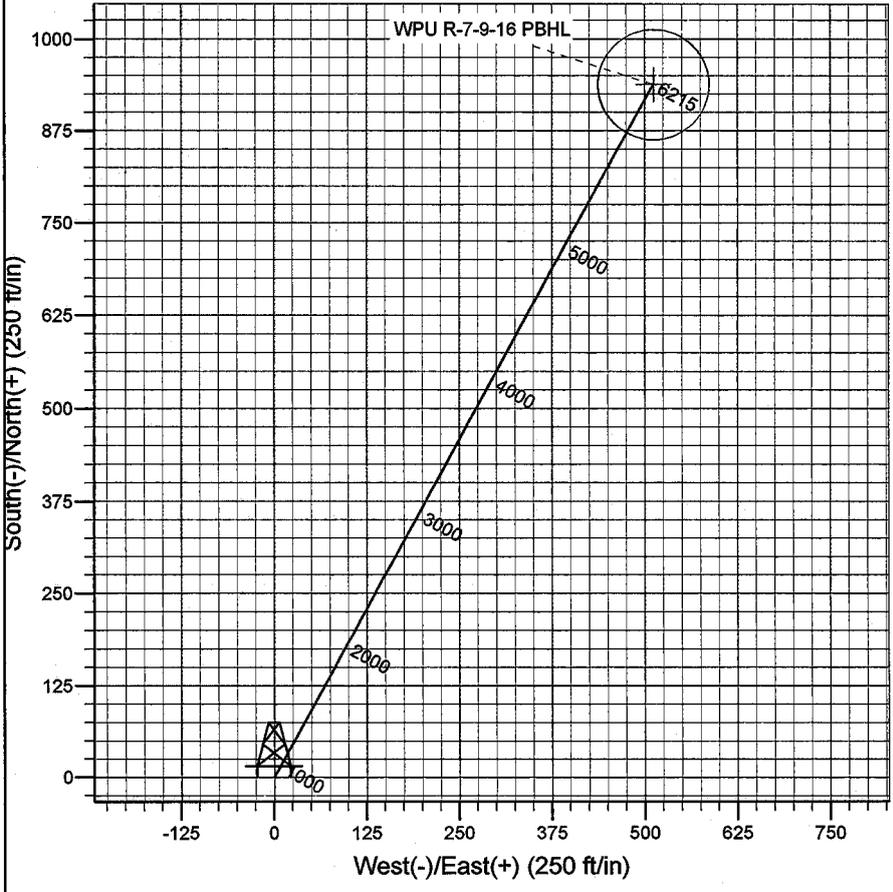
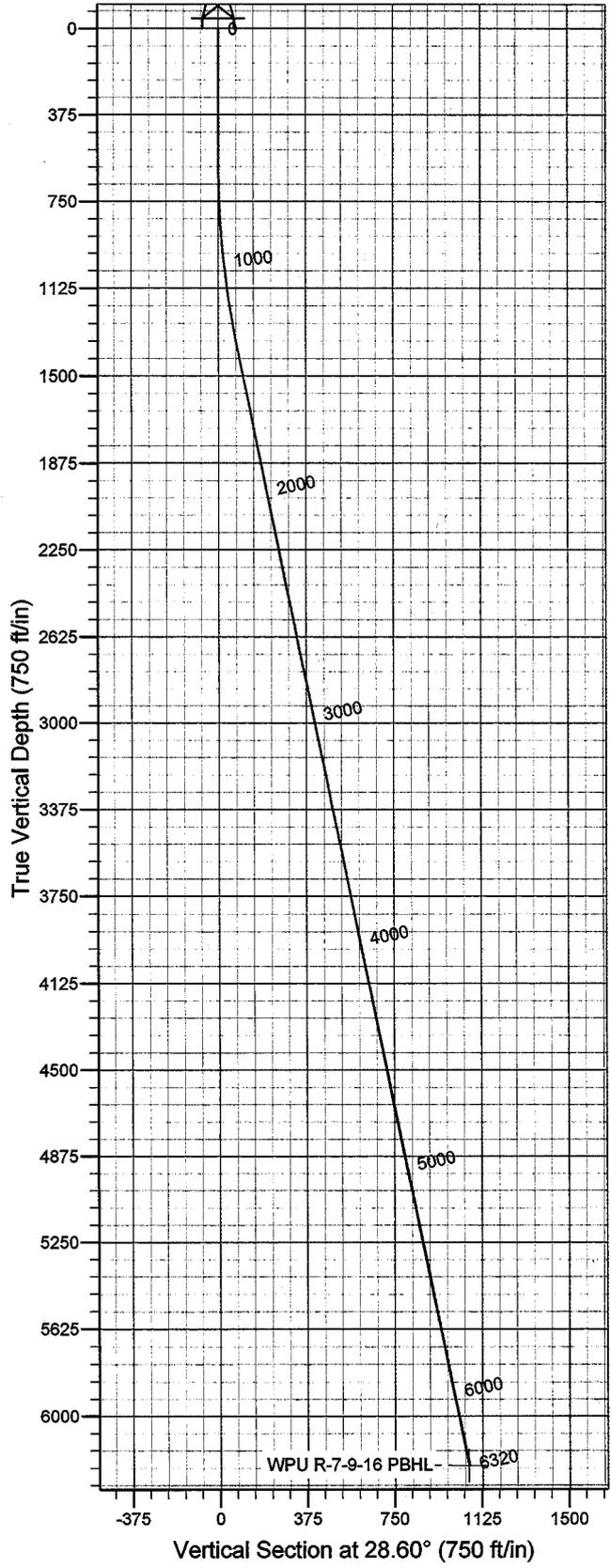


Azimuths to True North  
Magnetic North: 11.74°

Magnetic Field  
Strength: 52583.9snT  
Dip Angle: 65.86°  
Date: 2008-04-23  
Model: IGRF2005-10

WELL DETAILS: West Point Unit R-7-9-16

GL 5991' & RKB 12' @ 6003.00ft 5991.00  
+N/-S 0.00 +E/-W 0.00 Northing 7185919.01 Easting 2014422.23 Latitude 40° 2' 22.200 N Longitude 110° 9' 50.800 W



Plan: Plan #1 (West Point Unit R-7-9-16/OH)  
Created By: Julie Cruse Date: 2008-04-23  
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	
1369.90	11.55	28.60	1364.70	67.89	37.02	1.50	28.60	77.33	
6320.42	11.55	28.60	6215.00	938.05	511.44	0.00	0.00	1068.41	WPU R-7-9-16 PBHL

# **Newfield Exploration Co.**

**Duchesne County, UT NAD83 UTC**

**West Point**

**West Point Unit R-7-9-16**

**OH**

**Plan: Plan #1**

## **Standard Planning Report**

**23 April, 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 Unit R-7-9-16  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well West Point Unit R-7-9-16  
**TVD Reference:** GL 5991' & RKB 12' @ 6003.00ft  
**MD Reference:** GL 5991' & RKB 12' @ 6003.00ft  
**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 Unit R-7-9-16, 484' FSL 1941' FWL Sec 7 T9S R16E					
<b>Well Position</b>	<b>+N/-S</b>	0.00 ft	<b>Northing:</b>	7,185,919.01 ft	<b>Latitude:</b>	40° 2' 22.200 N
	<b>+E/-W</b>	0.00 ft	<b>Easting:</b>	2,014,422.23 ft	<b>Longitude:</b>	110° 9' 50.800 W
<b>Position Uncertainty</b>		0.00 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	5,991.00 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	2008-04-23	(°)	(°)	(nT)
			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)</b>	<b>+N/-S</b>	<b>+E/-W</b>	<b>Direction</b>
	(ft)	(ft)	(ft)	(°)
	0.00	0.00	0.00	28.60

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	
1,369.90	11.55	28.60	1,364.70	67.89	37.02	1.50	1.50	0.00	28.60	
6,320.42	11.55	28.60	6,215.00	938.05	511.44	0.00	0.00	0.00	0.00	WPU R-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 Unit R-7-9-16  
**Wellbore:** OH  
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**Local Co-ordinate Reference:** Well West Point Unit R-7-9-16  
**TVD Reference:** GL 5991' & RKB 12' @ 6003.00ft  
**MD Reference:** GL 5991' & RKB 12' @ 6003.00ft  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

### Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	1.50	28.60	699.99	1.15	0.63	1.31	1.50	1.50	0.00
800.00	3.00	28.60	799.91	4.60	2.51	5.23	1.50	1.50	0.00
900.00	4.50	28.60	899.69	10.34	5.64	11.77	1.50	1.50	0.00
1,000.00	6.00	28.60	999.27	18.37	10.02	20.92	1.50	1.50	0.00
1,100.00	7.50	28.60	1,098.57	28.69	15.64	32.68	1.50	1.50	0.00
1,200.00	9.00	28.60	1,197.54	41.29	22.51	47.03	1.50	1.50	0.00
1,300.00	10.50	28.60	1,296.09	56.16	30.62	63.96	1.50	1.50	0.00
1,369.90	11.55	28.60	1,364.70	67.89	37.02	77.33	1.50	1.50	0.00
1,400.00	11.55	28.60	1,394.19	73.18	39.90	83.35	0.00	0.00	0.00
1,500.00	11.55	28.60	1,492.16	90.76	49.48	103.37	0.00	0.00	0.00
1,600.00	11.55	28.60	1,590.14	108.34	59.07	123.39	0.00	0.00	0.00
1,700.00	11.55	28.60	1,688.11	125.91	68.65	143.41	0.00	0.00	0.00
1,800.00	11.55	28.60	1,786.09	143.49	78.23	163.43	0.00	0.00	0.00
1,900.00	11.55	28.60	1,884.07	161.07	87.82	183.45	0.00	0.00	0.00
2,000.00	11.55	28.60	1,982.04	178.65	97.40	203.47	0.00	0.00	0.00
2,100.00	11.55	28.60	2,080.02	196.22	106.98	223.49	0.00	0.00	0.00
2,200.00	11.55	28.60	2,177.99	213.80	116.57	243.51	0.00	0.00	0.00
2,300.00	11.55	28.60	2,275.97	231.38	126.15	263.53	0.00	0.00	0.00
2,400.00	11.55	28.60	2,373.94	248.95	135.73	283.55	0.00	0.00	0.00
2,500.00	11.55	28.60	2,471.92	266.53	145.32	303.57	0.00	0.00	0.00
2,600.00	11.55	28.60	2,569.89	284.11	154.90	323.59	0.00	0.00	0.00
2,700.00	11.55	28.60	2,667.87	301.68	164.48	343.61	0.00	0.00	0.00
2,800.00	11.55	28.60	2,765.85	319.26	174.07	363.63	0.00	0.00	0.00
2,900.00	11.55	28.60	2,863.82	336.84	183.65	383.65	0.00	0.00	0.00
3,000.00	11.55	28.60	2,961.80	354.42	193.23	403.67	0.00	0.00	0.00
3,100.00	11.55	28.60	3,059.77	371.99	202.82	423.69	0.00	0.00	0.00
3,200.00	11.55	28.60	3,157.75	389.57	212.40	443.71	0.00	0.00	0.00
3,300.00	11.55	28.60	3,255.72	407.15	221.98	463.73	0.00	0.00	0.00
3,400.00	11.55	28.60	3,353.70	424.72	231.57	483.75	0.00	0.00	0.00
3,500.00	11.55	28.60	3,451.67	442.30	241.15	503.77	0.00	0.00	0.00
3,600.00	11.55	28.60	3,549.65	459.88	250.73	523.79	0.00	0.00	0.00
3,700.00	11.55	28.60	3,647.63	477.45	260.32	543.81	0.00	0.00	0.00
3,800.00	11.55	28.60	3,745.60	495.03	269.90	563.83	0.00	0.00	0.00
3,900.00	11.55	28.60	3,843.58	512.61	279.48	583.85	0.00	0.00	0.00
4,000.00	11.55	28.60	3,941.55	530.19	289.07	603.87	0.00	0.00	0.00
4,100.00	11.55	28.60	4,039.53	547.76	298.65	623.89	0.00	0.00	0.00
4,200.00	11.55	28.60	4,137.50	565.34	308.23	643.91	0.00	0.00	0.00
4,300.00	11.55	28.60	4,235.48	582.92	317.82	663.93	0.00	0.00	0.00
4,400.00	11.55	28.60	4,333.45	600.49	327.40	683.95	0.00	0.00	0.00
4,500.00	11.55	28.60	4,431.43	618.07	336.98	703.97	0.00	0.00	0.00
4,600.00	11.55	28.60	4,529.41	635.65	346.57	723.99	0.00	0.00	0.00
4,700.00	11.55	28.60	4,627.38	653.22	356.15	744.01	0.00	0.00	0.00
4,800.00	11.55	28.60	4,725.36	670.80	365.73	764.03	0.00	0.00	0.00
4,900.00	11.55	28.60	4,823.33	688.38	375.32	784.04	0.00	0.00	0.00
5,000.00	11.55	28.60	4,921.31	705.96	384.90	804.06	0.00	0.00	0.00
5,100.00	11.55	28.60	5,019.28	723.53	394.48	824.08	0.00	0.00	0.00
5,200.00	11.55	28.60	5,117.26	741.11	404.07	844.10	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 Unit R-7-9-16  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well West Point Unit R-7-9-16  
**TVD Reference:** GL 5991' & RKB 12' @ 6003.00ft  
**MD Reference:** GL 5991' & RKB 12' @ 6003.00ft  
**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	11.55	28.60	5,215.23	758.69	413.65	864.12	0.00	0.00	0.00
5,400.00	11.55	28.60	5,313.21	776.26	423.23	884.14	0.00	0.00	0.00
5,500.00	11.55	28.60	5,411.19	793.84	432.82	904.16	0.00	0.00	0.00
5,600.00	11.55	28.60	5,509.16	811.42	442.40	924.18	0.00	0.00	0.00
5,700.00	11.55	28.60	5,607.14	828.99	451.98	944.20	0.00	0.00	0.00
5,800.00	11.55	28.60	5,705.11	846.57	461.57	964.22	0.00	0.00	0.00
5,900.00	11.55	28.60	5,803.09	864.15	471.15	984.24	0.00	0.00	0.00
6,000.00	11.55	28.60	5,901.06	881.73	480.73	1,004.26	0.00	0.00	0.00
6,100.00	11.55	28.60	5,999.04	899.30	490.32	1,024.28	0.00	0.00	0.00
6,200.00	11.55	28.60	6,097.01	916.88	499.90	1,044.30	0.00	0.00	0.00
6,300.00	11.55	28.60	6,194.99	934.46	509.48	1,064.32	0.00	0.00	0.00
6,320.42	11.55	28.60	6,215.00	938.05	511.44	1,068.41	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
WPU R-7-9-16 PBHL - plan hits target center - Circle (radius 75.00)	0.00	0.00	6,215.00	938.05	511.44	7,186,864.59	2,014,919.61	40° 2' 31.471 N	110° 9' 44.224 W

# NEWFIELD PRODUCTION COMPANY

## WELL PAD INTERFERENCE PLAT

WEST POINT UNIT R-7-9-16 (Proposed Well)

WEST POINT UNIT 14-7-9-16 (Existing Well)

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

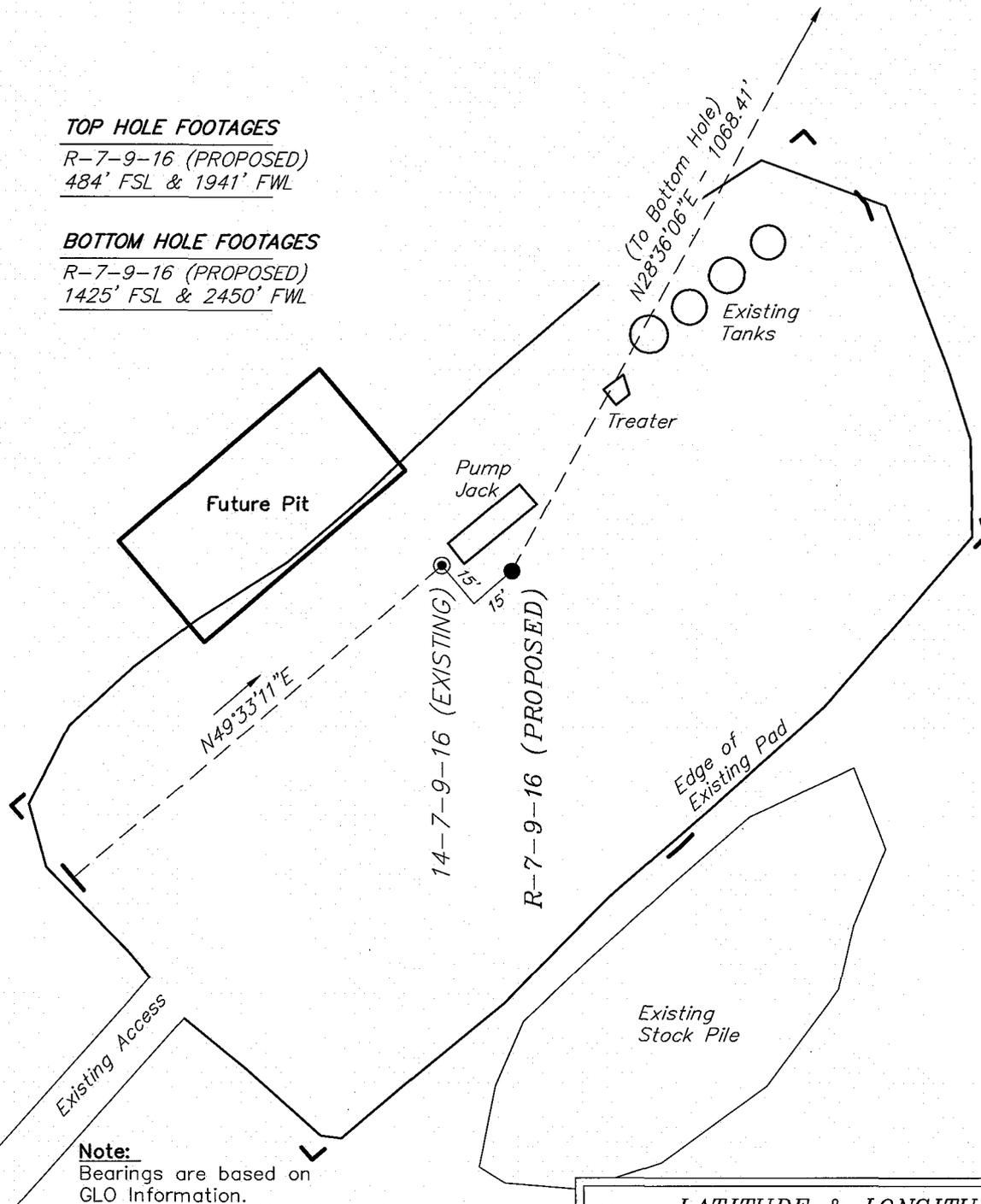


### TOP HOLE FOOTAGES

R-7-9-16 (PROPOSED)  
484' FSL & 1941' FWL

### BOTTOM HOLE FOOTAGES

R-7-9-16 (PROPOSED)  
1425' FSL & 2450' FWL



**Note:**  
Bearings are based on  
GLO Information.

### RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
R-7-9-16	938'	511'

### LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
R-7-9-16	40° 02' 22.20"	110° 09' 50.80"
14-7-9-16	40° 02' 22.21"	110° 09' 51.07"

SURVEYED BY: T.H.	DATE SURVEYED: 02-13-08
DRAWN BY: L.C.S.	DATE DRAWN: 03-05-08
SCALE: 1" = 50'	REVISED:

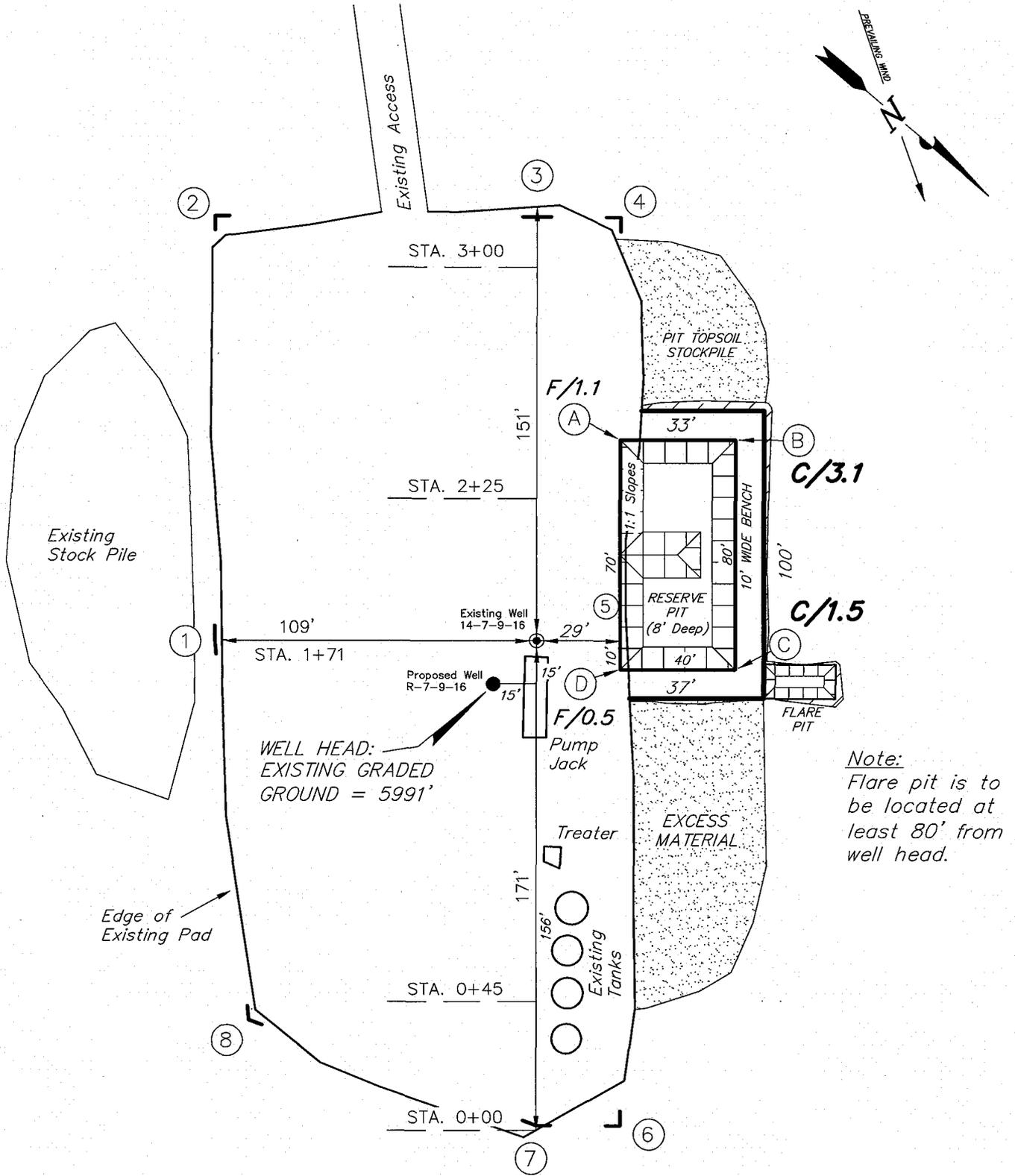
**Tri State** (435) 781-2501  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

**WEST POINT UNIT R-7-9-16 (Proposed Well)**

**WEST POINT UNIT 14-7-9-16 (Existing Well)**

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



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

SURVEYED BY: T.H.	DATE SURVEYED: 02-13-08
DRAWN BY: L.C.S.	DATE DRAWN: 03-05-08
SCALE: 1" = 50'	REVISED:

(435) 781-2501

**Tri State**  
Land Surveying, Inc.

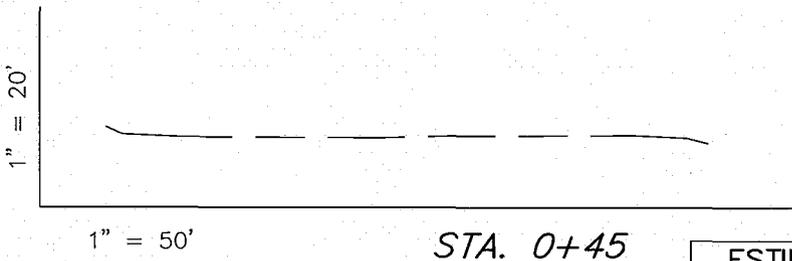
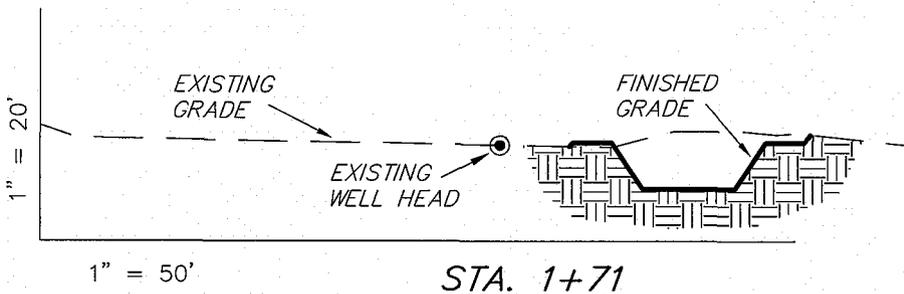
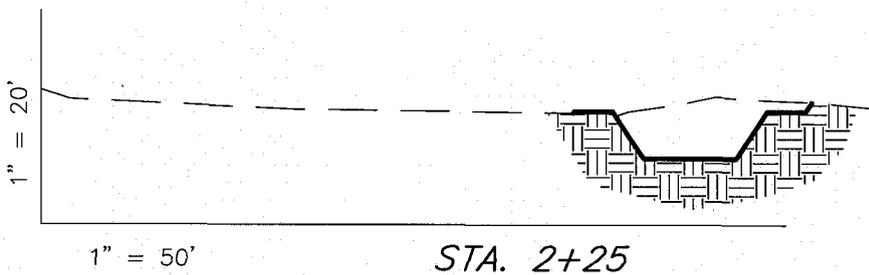
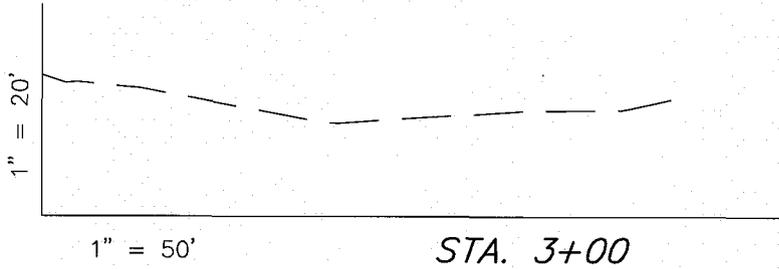
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS

WEST POINT UNIT R-7-9-16 (Proposed Well)

WEST POINT UNIT 14-7-9-16 (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	300	20	Topsoil is not included in Pad Cut	280
PIT	640	0		640
TOTALS	940	20	130	920

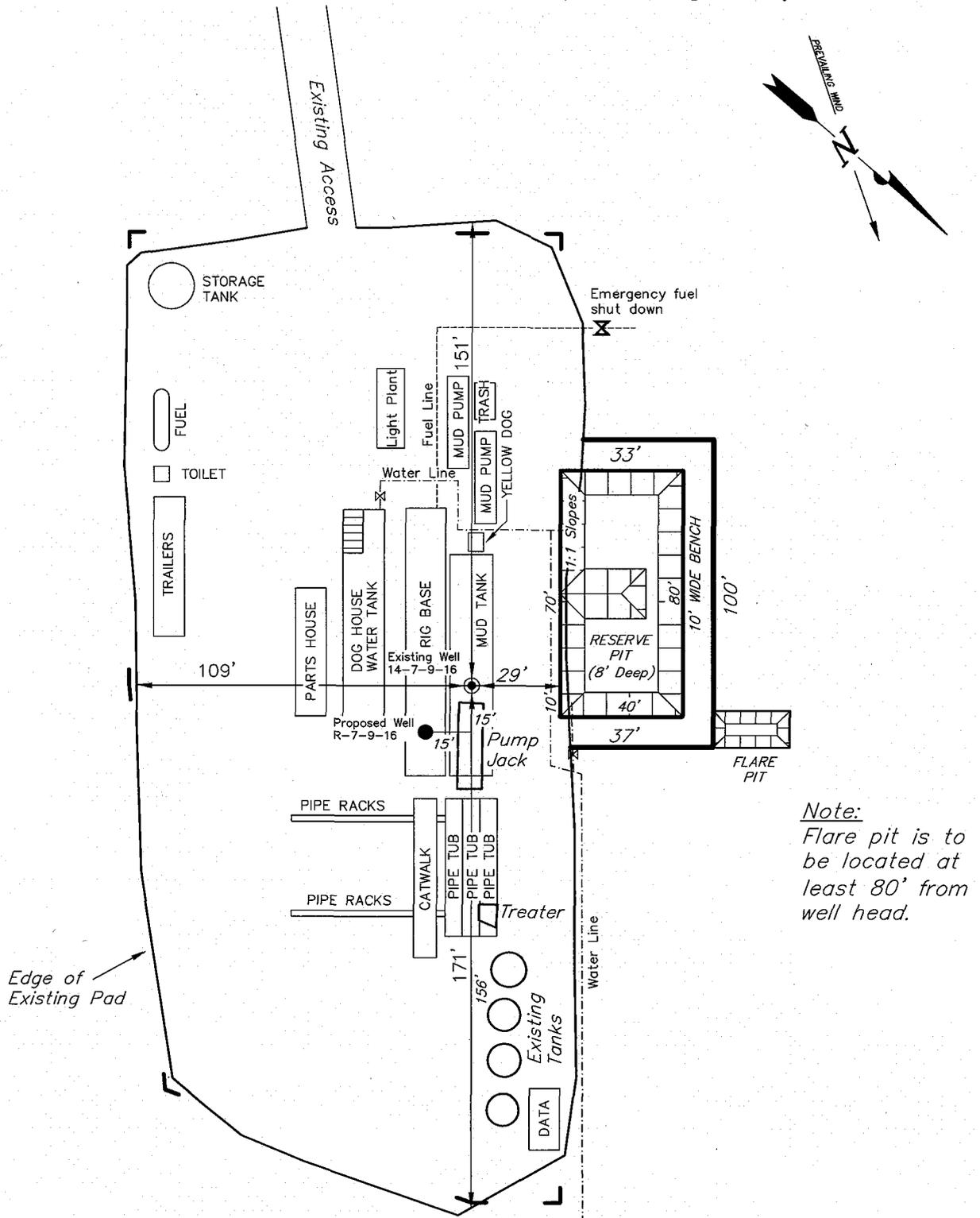
SURVEYED BY: T.H.	DATE SURVEYED: 02-13-08
DRAWN BY: L.C.S.	DATE DRAWN: 03-05-08
SCALE: 1" = 50'	REVISED:

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

# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

WEST POINT UNIT R-7-9-16 (Proposed Well)  
 WEST POINT UNIT 14-7-9-16 (Existing Well)



SURVEYED BY: T.H.	DATE SURVEYED: 02-13-08
DRAWN BY: L.C.S.	DATE DRAWN: 03-05-08
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

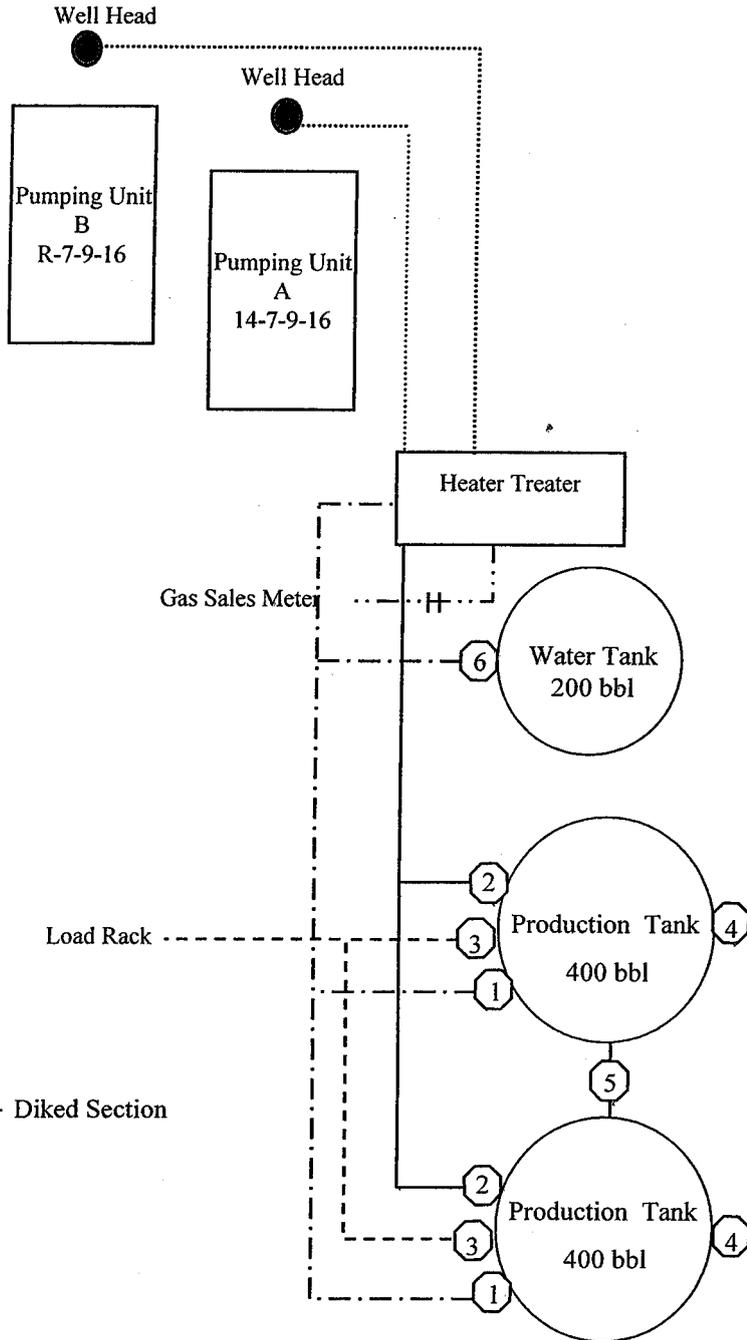
West Point Federal R-7-9-16

From the 14-7-9-16 Location

SE/SW 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:

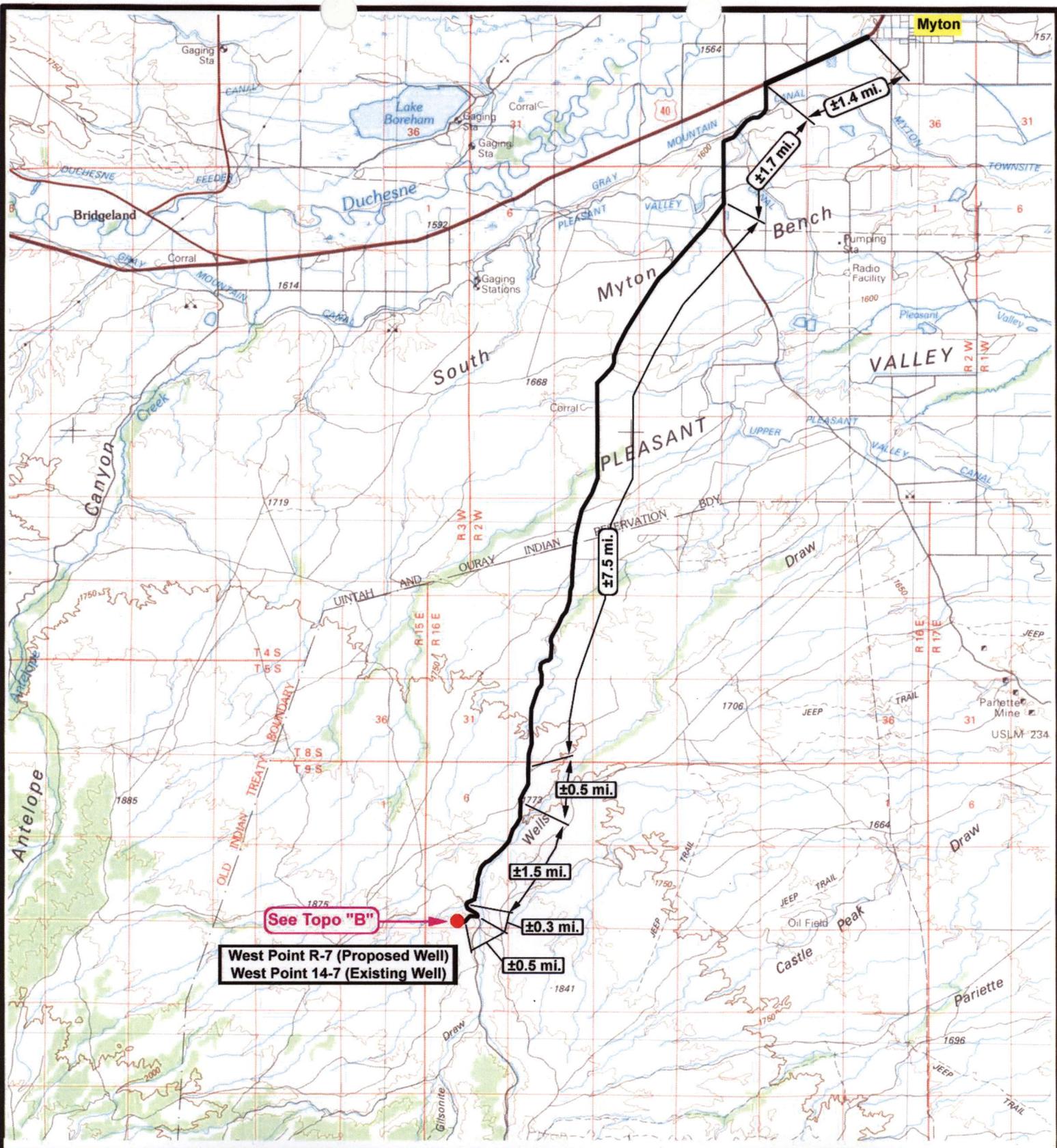
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

### Draining Phase:

- 1) Valves 1 and 6 open

### Legend

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




  
**NEWFIELD**  
 Exploration Company

---

**West Point R-7-9-16 (Proposed Well)**  
**West Point 14-7-9-16 (Existing Well)**  
 Pad Location: SESW 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: mw  
 DATE: 03-17-2008

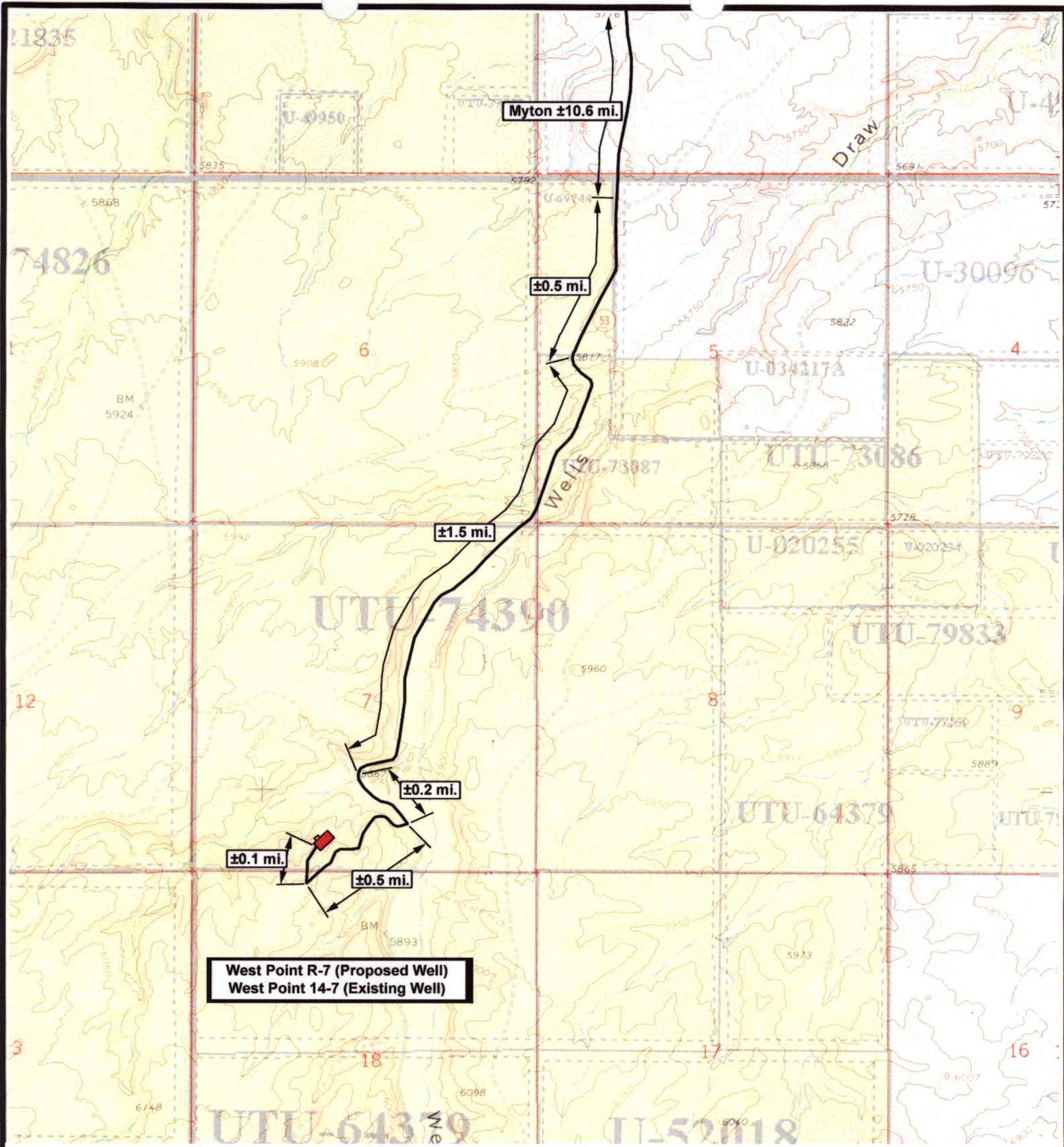
**Legend**

---

 Existing Road

---

**TOPOGRAPHIC MAP**  
**"A"**



**West Point R-7 (Proposed Well)**  
**West Point 14-7 (Existing Well)**

**NEWFIELD**  
 Exploration Company

**West Point R-7-9-16 (Proposed Well)**  
**West Point 14-7-9-16 (Existing Well)**  
 Pad Location: **SESW SEC. 7, T9S, R16E, S.L.B.&M.**



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

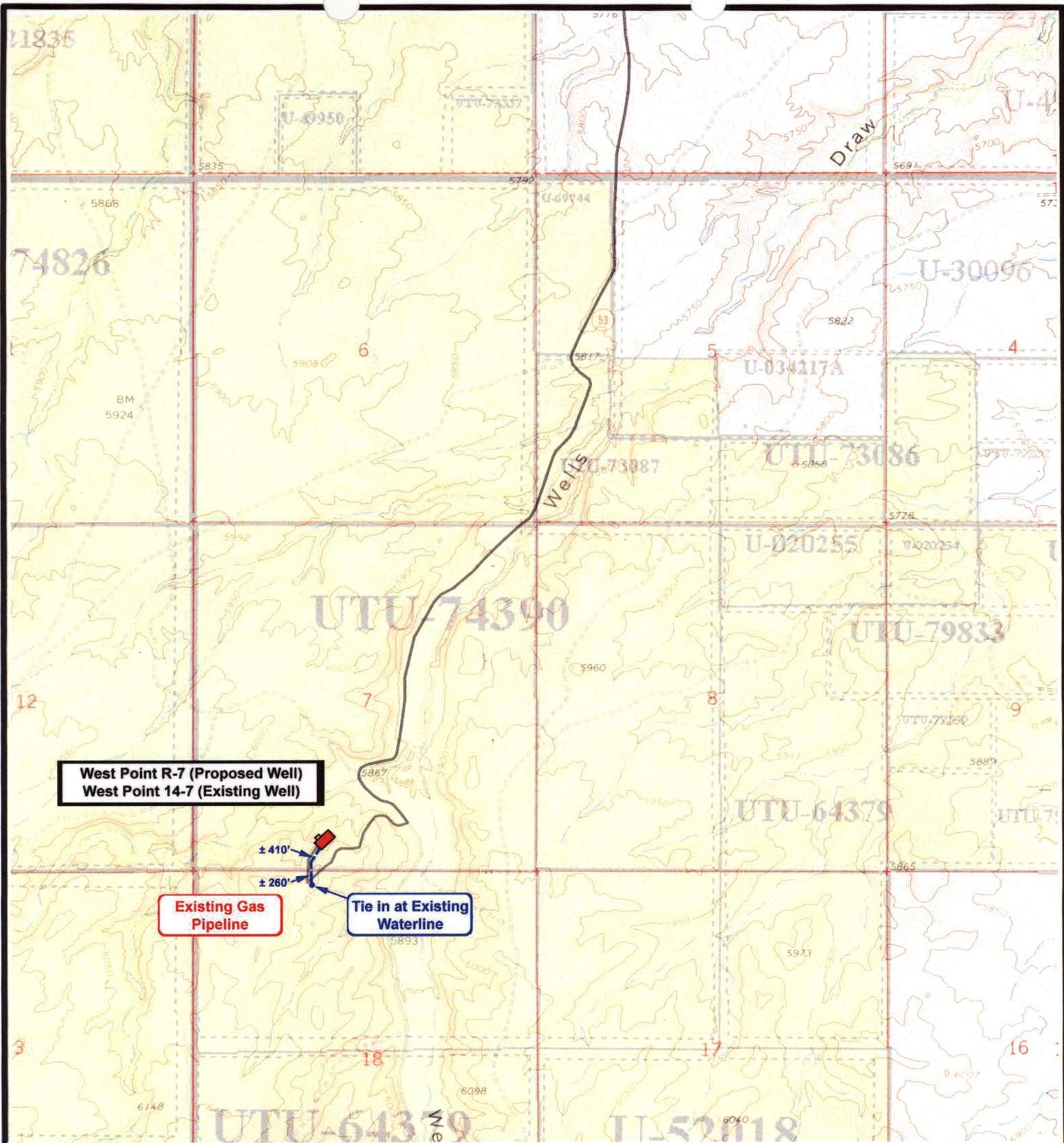
SCALE: 1" = 2,000'  
 DRAWN BY: mw  
 DATE: 03-17-2008

**Legend**

Existing Road

**TOPOGRAPHIC MAP**

**"B"**



**West Point R-7 (Proposed Well)**  
**West Point 14-7 (Existing Well)**

**Existing Gas Pipeline**

**Tie in at Existing Waterline**



**NEWFIELD**  
 Exploration Company

**West Point R-7-9-16 (Proposed Well)**  
**West Point 14-7-9-16 (Existing Well)**  
 Pad Location: SESW SEC. 7, T9S, R16E, S.L.B.&M.




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

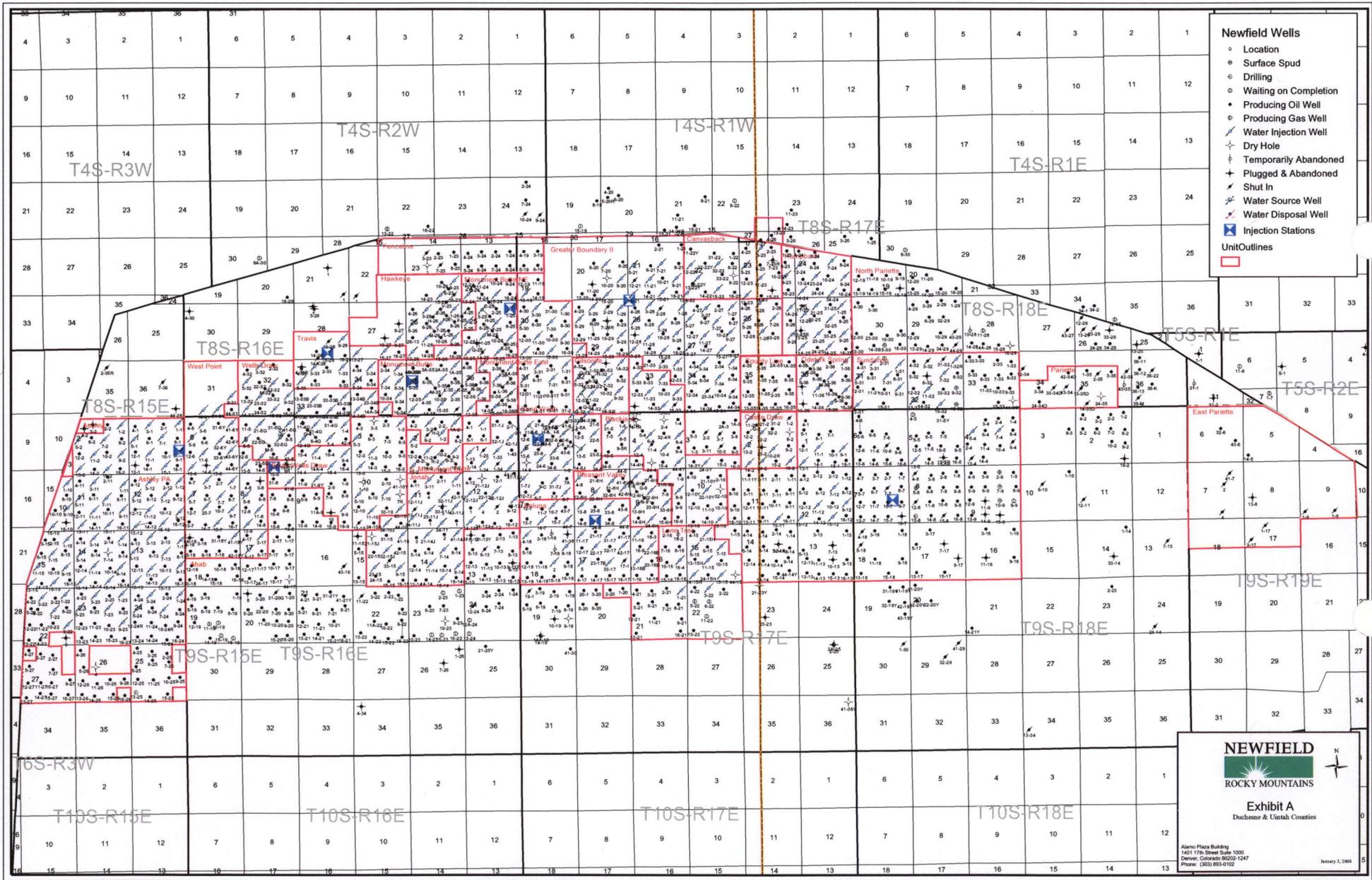
SCALE: 1" = 2,000'  
 DRAWN BY: mw  
 DATE: 03-17-2008

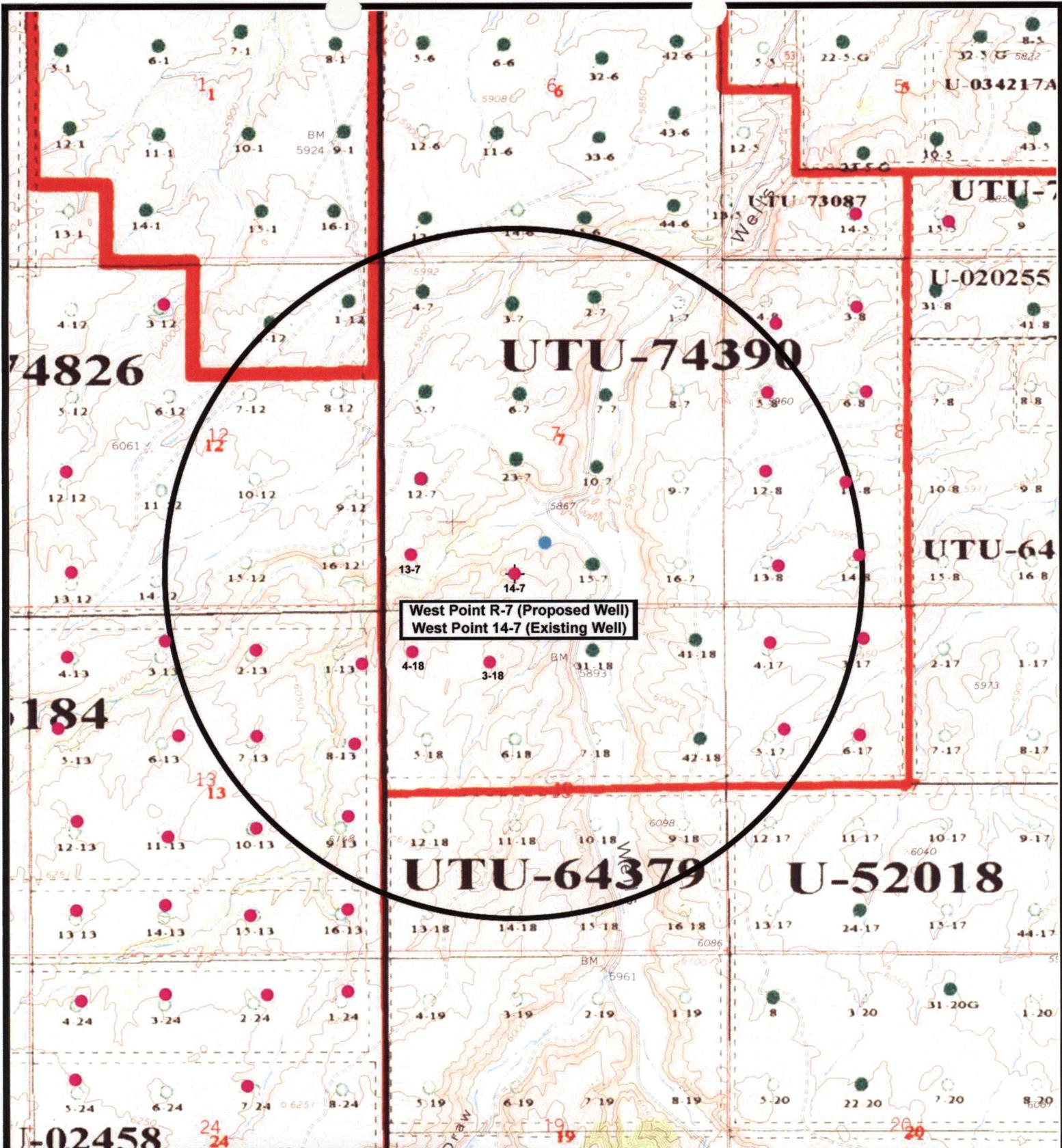
**Legend**

-  Roads
-  Proposed Water Line

**TOPOGRAPHIC MAP**

**"C"**





**NEWFIELD**  
Exploration Company

---

**West Point R-7-9-16 (Proposed Well)**  
**West Point 14-7-9-16 (Existing Well)**  
 Pad Location: SESW 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: mw  
 DATE: 03-17-2008

**Legend**

- Red dot: Pad Location
- Blue dot: Bottom Hole Location
- White circle: One-Mile Radius

---

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

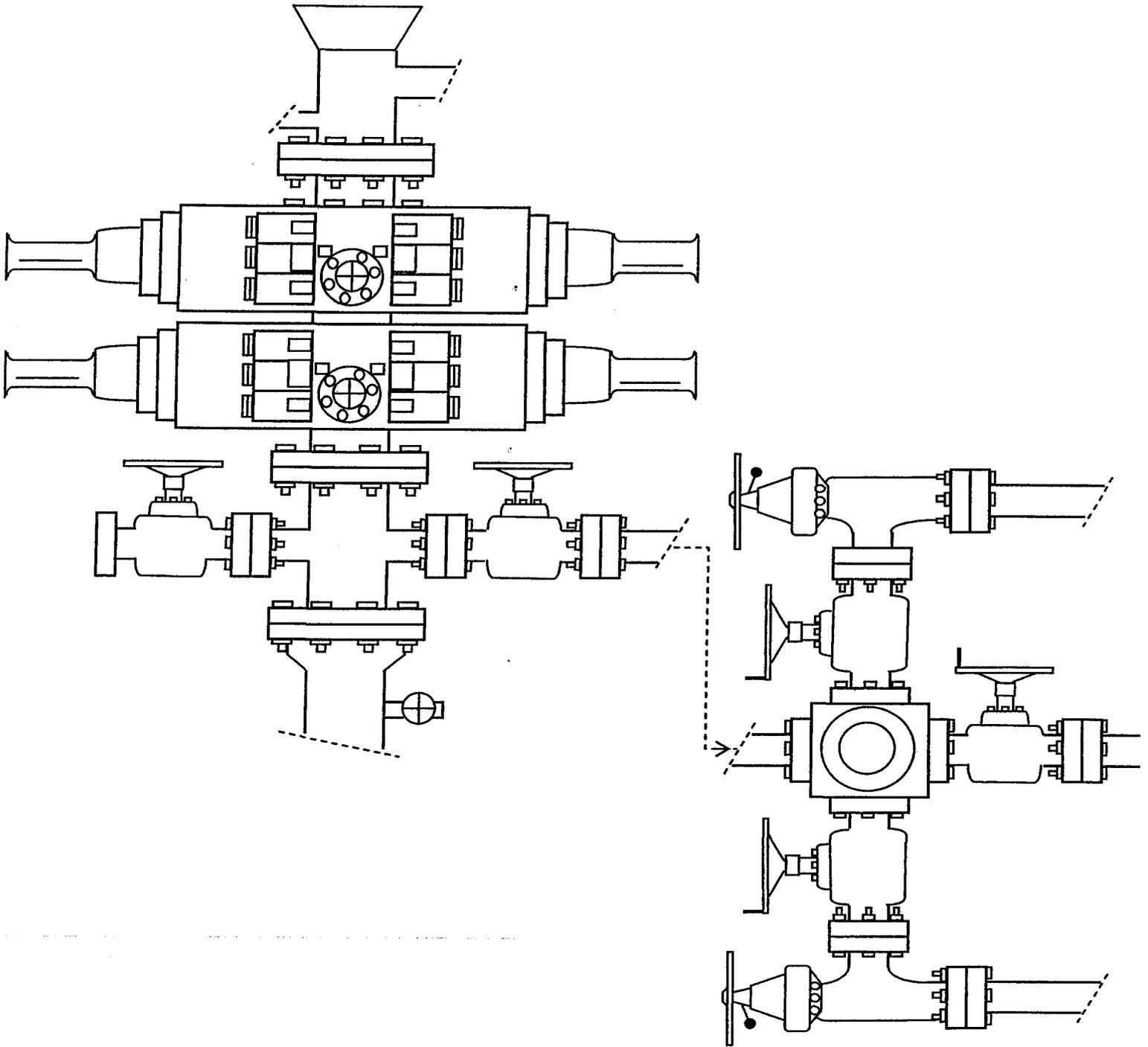


EXHIBIT C

Exhibit "D"

1 of 3

CULTURAL RESOURCE INVENTORY OF  
NEWFIELD EXPLORATIONS' BLOCK PARCEL IN  
TOWNSHIP 9S, RANGE 16E, SECTION 7  
DUCHESNE COUNTY, UTAH

By:

Keith R. Montgomery

Prepared For:

Bureau of Land Management  
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company  
Route 3 Box 3630  
Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants  
P.O. Box 147  
Moab, Utah 84532

MOAC Report No. 05-3

January 5, 2005

United States Department of Interior (FLPMA)  
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-04-MQ-1478b

283

CULTURAL RESOURCE INVENTORY OF  
NEWFIELD EXPLORATION'S BLOCK PARCEL  
IN TOWNSHIP 9S, RANGE 16E, SECTION 18,  
DUCHESNE COUNTY, UTAH

By:

Kylie Lower-Eskelson  
and  
Keith R. Montgomery

Prepared For:

Bureau fo Land Management  
Vernal Field Office

Prepared Under Contract With:

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

Prepared By:

Montgomery Archaeological Consultants, Inc.  
P.O. Box 147  
Moab, Utah 84532

MOAC Report No. 04-328

January 19, 2005

United States Department of Interior (FLPMA)  
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-04-MQ-1477b

**NEWFIELD PRODUCTION, INC.**

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

Section 25, T 8 S, R 17 E (SW 1/4, SW 1/4); Section 7, T 9 S, R 16 E  
(SW 1/4, SW 1/4 & SE 1/4, SW 1/4); Section 8, T 9 S, R 18 E (NE 1/4, SW 1/4);  
Section 34, T 9 S, R 16 E (NW 1/4, NW 1/4); Section 28, T 9 S, R 17 E (SE 1/4, NW 1/4);  
Section 35, T 9 S, R 18 E (NE 1/4, NW 1/4); Section 24, T 8 S, R 17 E  
(NE 1/4 & NW 1/4, NW 1/4, and SE 1/4, NW 1/4)

**REPORT OF SURVEY**

Prepared for:

**Newfield Production, Inc.**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
March 8, 2005

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 04/29/2008

API NO. ASSIGNED: 43-013-33974

WELL NAME: W POINT FED R-7-9-16

OPERATOR: NEWFIELD PRODUCTION ( N2695 )

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

PROPOSED LOCATION:

SESW 07 090S 160E  
 SURFACE: 0484 FSL 1941 FWL  
 BOTTOM: 1425 FSL 2450 FWL  
 COUNTY: DUCHESNE  
 LATITUDE: 40.03956 LONGITUDE: -110.1634  
 UTM SURF EASTINGS: 571370 NORTHINGS: 4432273  
 FIELD NAME: MONUMENT BUTTE ( 105 )

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

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

PROPOSED FORMATION: GRRV  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

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

LOCATION AND SITING:

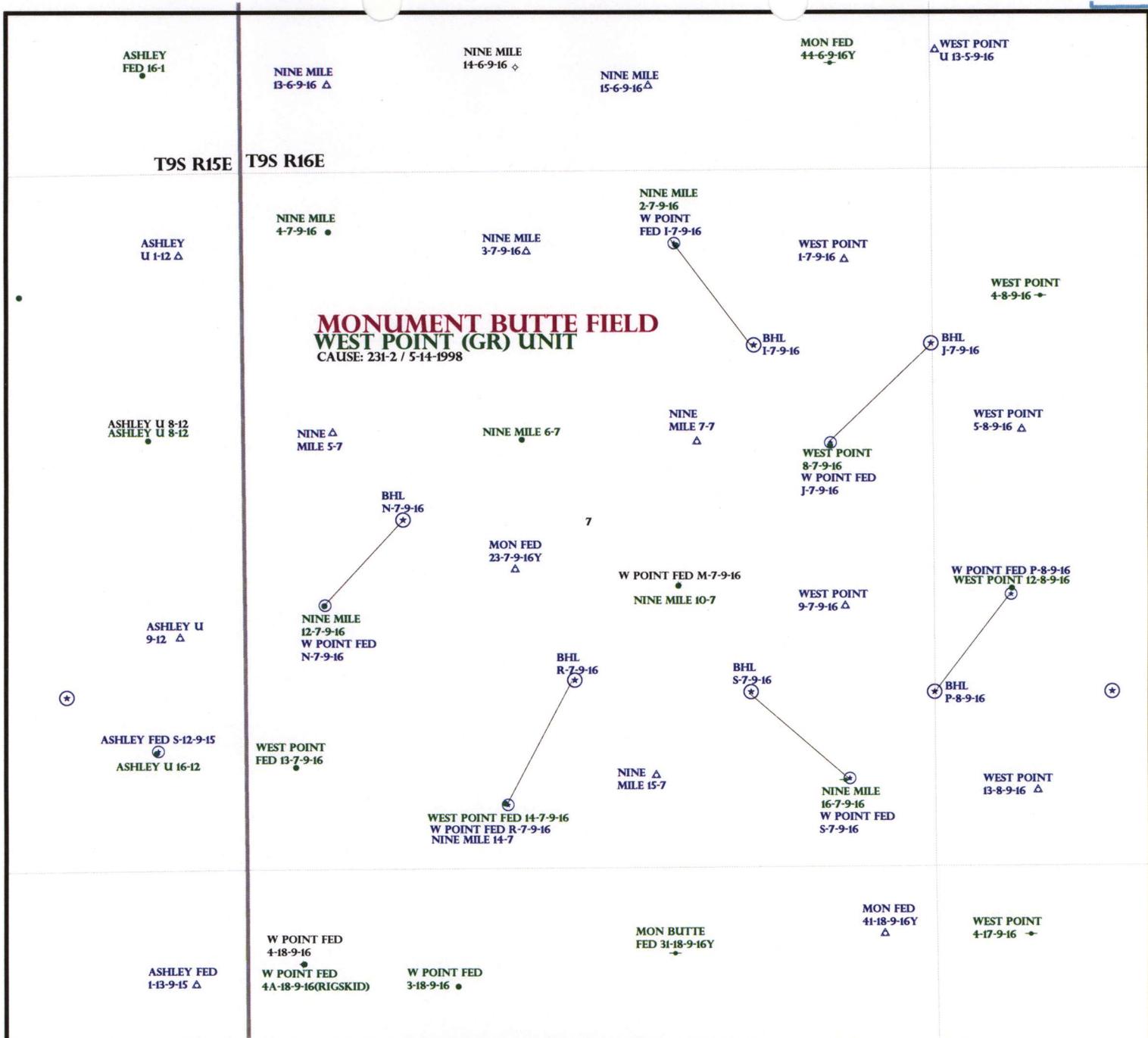
- R649-2-3.
- Unit: WEST POINT (GRRV)
- R649-3-2. General
- Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: 237-2
- Eff Date: 5-14-1998
- Siting: Suspends General Siting
- R649-3-11. Directional Drill

COMMENTS:

*Sep, Separate file*

STIPULATIONS:

*1. Federal Approval*



**MONUMENT BUTTE FIELD  
WEST POINT (GR) UNIT**  
CAUSE: 231-2 / 5-14-1998

OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 7 T.9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 231-2 / 5-14-1998

- 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

- 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



OIL, GAS & MINING



PREPARED BY: DIANA MASON  
DATE: 02-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 2, 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)	
43-013-33974	West Point Fed R-7-9-16 Sec 7 T09S R16E 0484 FSL 1941 FWL	BHL Sec 7 T09S R16E 1425 FSL 2450 FWL

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:5-2-08



May 1, 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 R-7-9-16**  
West Point Unit  
UTU-77107X  
Surface Hole: T9S R16E, Section 7: SE/4SW/4  
484' FSL 1941' FWL  
Bottom Hole: T9S R16E, Section 7  
1425' FSL 2450' FWL  
Duchesne County, Utah

Dear Ms. Mason;

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

The surface hole location and bottom hole location of this well are both within the boundaries of the West Point Federal 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  
MAY 05 2008  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

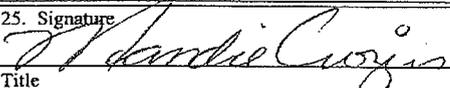
APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No. UTU-74390	
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 R-7-9-16	
9. API Well No.	
10. Field and Pool, or Exploratory Monument Butte	
11. Sec., T., R., M., or Blk. and Survey or Area Sec. 7, T9S R16E	
12. County or Parish Duchesne	13. State UT
14. Distance in miles and direction from nearest town or post office* Approximatley 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. 2450' /l/ise, 2450' 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. 1463'	19. Proposed Depth 6215'
20. BLM/BIA Bond No. on file WYB000493	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5991' 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 	Name (Printed/Typed) Mandie Crozier	Date 4/22/08
Title Regulatory Specialist		

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

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

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

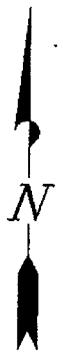
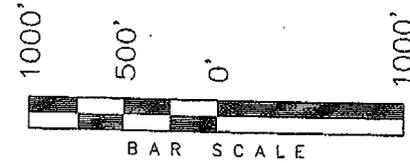
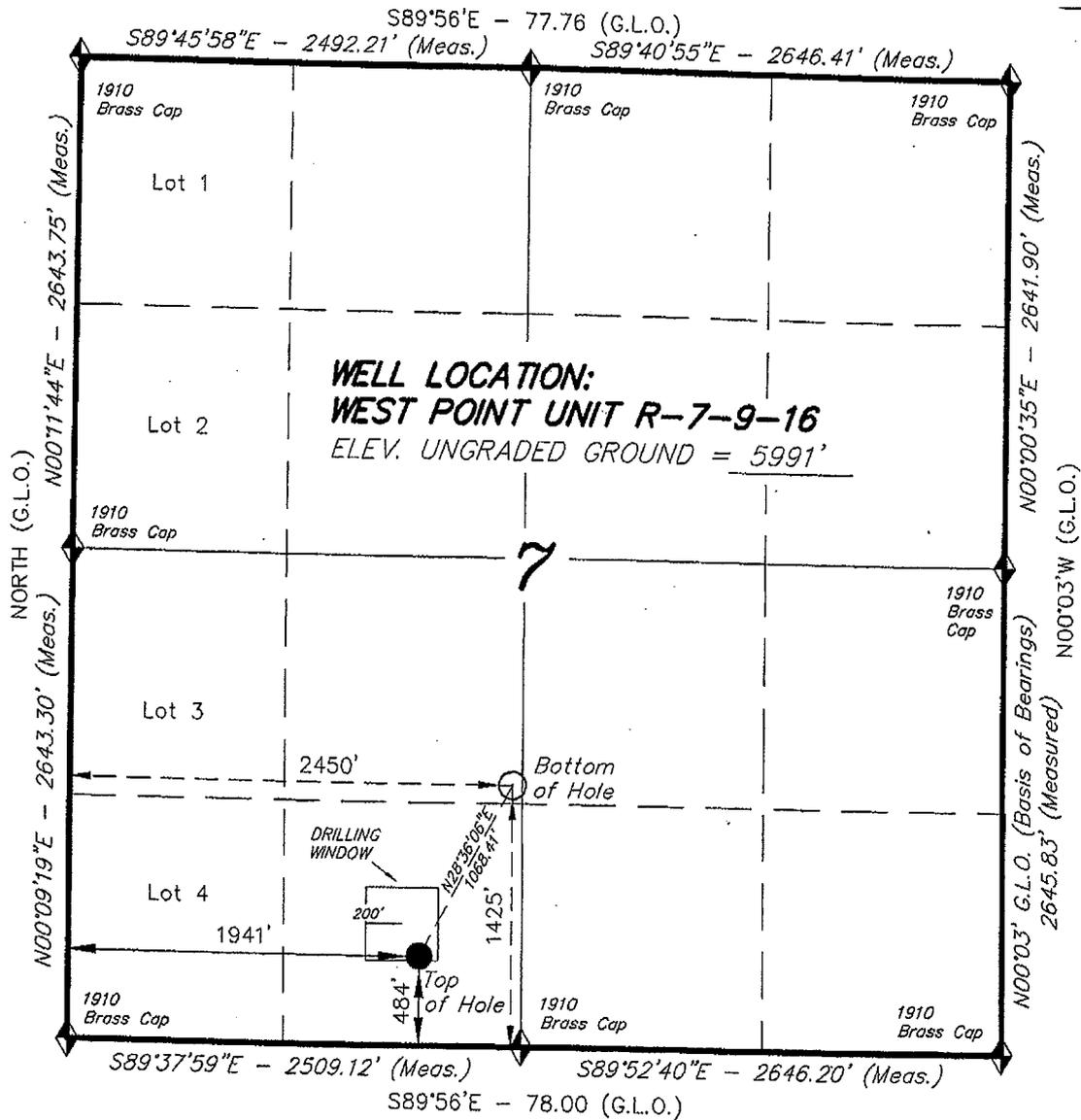
\*(Instructions on reverse)

RECEIVED  
MAY 05 2008  
DIV. OF OIL, GAS & MINING

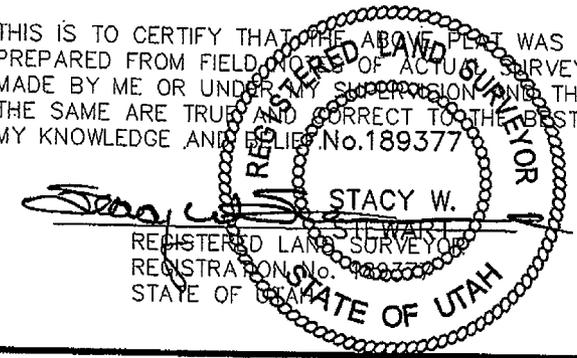
# T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, WEST POINT UNIT  
R-7-9-16, LOCATED AS SHOWN IN THE  
SE 1/4 SW 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 WORK 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 UNIT R-7-9-16  
(Surface Location) NAD 83  
LATITUDE = 40° 02' 22.20"  
LONGITUDE = 110° 09' 50.80"**

<b>TRI STATE LAND SURVEYING &amp; CONSULTING</b> 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
DATE SURVEYED: 02-13-08	SURVEYED BY: T.H.
DATE DRAWN: 03-05-08	DRAWN BY: L.C.S.
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

May 5, 2008

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

Re: West Point Federal R-7-9-16 Well, Surface Location 484' FSL, 1941' FWL, SE SW,  
Sec. 7, T. 9 South, R. 16 East, Bottom Location 1425' FSL, 2450' FWL, NE SW,  
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 43-013-33974.

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 R-7-9-16  
**API Number:** 43-013-33974  
**Lease:** UTU-74390

**Surface Location:** SE SW      **Sec. 7**      **T. 9 South**      **R. 16 East**  
**Bottom Location:** NE SW      **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  
AUG 05 2008  
VERNAL, UTAH

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-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	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. West Point Federal R-7-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SE/SW 484' FSL 1941' FWL At proposed prod. zone <b>NESW</b> 425' FSL 2450' FWL		9. API Well No. <b>43 013 33974</b>
14. Distance in miles and direction from nearest town or post office* Approximatley 13.4 miles southwest of Myton, Utah		10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 2450' f/lease, 2450' f/unit	16. No. of Acres in lease 2037.19	11. Sec., T., R., M., or Blk. and Survey or Area Sec. 7, T9S R16E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1463'	19. Proposed Depth 6215'	12. County or Parish Duchesne
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5991' GL	22. Approximate date work will start* 3rd Quarter 2008	13. State UT
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).    |
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| 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 4/22/08
Title Regulatory Specialist		

Approved by (Signature) 	Name (Printed/Typed) Terry Kwaka	Date 7-29-2008
Title Assistant Field Manager Lands & Mineral Resources		
Office VERNAL FIELD OFFICE		

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

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

\*(Instructions on reverse)

NOS 03/21/08  
AFMSS# 08PP0675A

UDDG/M

RECEIVED  
AUG 05 2008  
DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL CONDITIONS OF APPROVAL ATTACHED



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

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

**Company:** Newfield Production Company  
**Well No:** West Point Federal R-7-9-16  
**API No:** 43-047-33974

**Location:** SESW, Sec. 7, T9S, R16E  
**Lease No:** UTU-74390  
**Agreement:** West Point Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	(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<br>(Notify Environmental Scientist)       | - Forty-Eight (48) hours prior to construction of location and access roads.   |
| Location Completion<br>(Notify Environmental Scientist)         | - Prior to moving on the drilling rig.   |
| Spud Notice<br>(Notify Petroleum Engineer)                      | - Twenty-Four (24) hours prior to spudding the well.   |
| Casing String & Cementing<br>(Notify Supv. Petroleum Tech.)     | - Twenty-Four (24) hours prior to running casing and cementing all casing strings.   |
| BOP & Related Equipment Tests<br>(Notify Supv. Petroleum Tech.) | - Twenty-Four (24) hours prior to initiating pressure tests.   |
| First Production Notice<br>(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.

**CONDITIONS OF APPROVAL:**

- Pipelines will be buried at all major drainage crossings. For all pipelines crossing streams and/or floodplains, consult "Hydraulic Considerations for Pipelines Crossing Stream Channels" Tech Note 423 (<ftp://ftp.blm.gov/pub/nstc/TechNotes/TechNote423.pdf>).
- 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.

Comments:

- GIS data shows the project area is within Mountain Plover nesting habitat. Because the proposed location is going to be directionally drilled from an existing location and no new disturbance will be required, Mountain Plover timing restrictions were not applied.
- During onsite it was evident that scattered complexes of White-tailed prairie dog colonies (Burrowing Owl nesting habitat) were in the area. Because the proposed location is going to be directionally drilled from an existing location and no new disturbance will be required, Burrowing Owl timing restrictions were not applied.
- This project will be a Categorical Exclusion to the Castle Peak and Eight – Mile Flat Oil and Gas Expansion Project EIS (August 2005).
- No raptor nests are within ½ mile of the Project Area.

**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 the onsite should require additional surveys and clearances.**

Based on the previous field exam and existing data, and if all timing restrictions are adhered to then, it is my opinion that a no effect situation exists for Special Status Wildlife Species with the construction and drilling of this proposed drill site. Therefore, this site is cleared from a Special Status Wildlife Species perspective.

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

**SITE SPECIFIC DOWNHOLE COAs:**

Logging: Run Gamma Ray from TD to surface.

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

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

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

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location ( $\frac{1}{4}$  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.

RECEIVED

SEP 22 2008

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

DIV. OF OIL, GAS & MINING

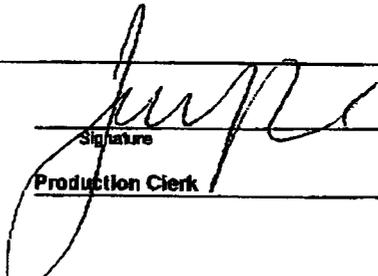
OPERATOR: NEWFIELD PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3630  
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					Q1	SC	TP	RG	COUNTY		
B	99999	12704	4301333917	BLACKJACK FEDERAL Q-10-9-17	SWSE	10	9S	17E	DUCHESNE	9/12/2008	9/25/08
WELL 1 COMMENTS: GRW BHL SWSW											
B	99999	11492	4301333926	JONAH FEDERAL S-6-9-17	SESE	6	9S	17E	DUCHESNE	9/17/2008	9/25/08
GRW BHL SESE											
B	99999	12418	<del>4304733974</del>	WEST POINT FEDERAL R 7-9-16	SESW	7	9S	16E	<del>UINTAH</del>	9/18/2008	9/25/08
GRW 43013-33974 BHL = NESW DUCHESNE											
WELL 5 COMMENTS:											
WELL 6 COMMENTS:											

- ACTION CODES (See instructions on back of form)
- A - 1 new entity for new well (single well only)
  - B - 1 well to existing entity (group or well well)
  - C - from one existing entity to another existing entity
  - D - well from one existing entity to a new entity
  - E - other (explain in comments section)

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

  
 Signature  
 JENTRI PARK  
 Production Clerk  
 09/19/08  
 Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)  
435.646.3721

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

484' FSL 1941' FWL  
SESW 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 R-7-9-16

9. API Well No.

4301333974

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

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

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

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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 9/18/08 MIRU Ross # 24. Spud well @ 2:00pm. Drill 330' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 330.79' On 9/23/08 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 6 bbls cement to pit. WOC.

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

Title  
Drilling Foreman  
Date  
09/24/2008

**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 29 2008

DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 330.79

LAST CASING 8 5/8" SET AT 312.87'  
 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 R-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 45.50'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	318.94
		<b>GUIDE</b> shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			320.79
TOTAL LENGTH OF STRING		320.79	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>330.79</b>
TOTAL		318.94	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		318.94	7				

TIMING	1ST STAGE	
BEGIN RUN CSG.	Spud	2:00 PM 9/18/2008
CSG. IN HOLE		4:30 PM 9/19/2008
BEGIN CIRC		8:47 AM 9/23/2008
BEGIN PUMP CMT		8:58 AM 9/23/2008
BEGIN DSPL. CMT		9:10 AM 9/23/2008
PLUG DOWN		9:22 AM 9/23/2008

GOOD CIRC THRU JOB Yes  
 Bbls CMT CIRC TO SURFACE 6  
 RECIPROCATED PIPE FOR N/A  
 BUMPED PLUG TO 110 PSI

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 Don Bastian DATE 9/24/2008

**RECEIVED**  
**SEP 29 2008**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
484' FSL 1941' FWL  
SESW 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 R-7-9-16

9. API Well No.  
4301333974

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
DUCHESNE, UT

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

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

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

On 9/27/08 MIRU Patterson Rig # 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 @ 295'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6321'. 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, 164 jt's of 5.5 J-55, 15.5# csgn. Set @ 6332.53' / KB. Cement with 325 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 30 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 115,000 #'s tension. Release rig @ 3:30 am 10/5/08.

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

Don Bastian

Signature



Title

Drilling Foreman

Date

10/05/2008

**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

Date

Office

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

(Instructions on page 2)

**RECEIVED**

OCT 16 2008

DIV. OF OIL, GAS & MINING

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

5 1/2" CASING SET AT 6332.53

Fit cllr @ 6291.89

LAST CASING 8 5/8" SET AT \_\_\_\_\_  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING 12'  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 6321 Logger  
 HOLE SIZE 7 7/8"

OPERATOR Newfield Production Company  
 WELL WP FED R-7-9-16  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Patterson Rig # 52

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		<b>4.74'(short jt @ 4183.79)</b>					
<b>164</b>	<b>5 1/2"</b>	ETC LT & C casing	<b>15.5#</b>	<b>J-55</b>	<b>8rd</b>	<b>A</b>	6279.89
		Float collar					0.6
<b>1</b>	<b>5 1/2"</b>	ETC LT&C csg	<b>15.5#</b>	<b>J-55</b>	<b>8rd</b>	<b>A</b>	39.39
		<b>GUIDE</b> shoe			<b>8rd</b>	<b>A</b>	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6334.53
TOTAL LENGTH OF STRING		6334.53	165	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		131.95	4	CASING SET DEPTH			<b>6332.53</b>
TOTAL		<b>6451.23</b>	169	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6451.18	169				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		12:30 PM	10/4/2008	GOOD CIRC THRU JOB			Yes
CSG. IN HOLE		6:00 PM	10/4/2008	Bbls CMT CIRC TO SURFACE			30 bbls
BEGIN CIRC		6:20 PM	10/4/2008	RECIPROCATED PIPE FOR			THRUSTROKE NO
BEGIN PUMP CMT		9:14 PM	10/4/2008	DID BACK PRES. VALVE HOLD ?			Yes
BEGIN DSPL. CMT		10:03 PM	10/4/2008	BUMPED PLUG TO			1593 PSI
PLUG DOWN		<b>10:25 PM</b>	<b>10/4/2008</b>				
CEMENT USED		<b>B. J.</b>					
STAGE	# SX						
<b>1</b>	<b>325</b>	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 / 3.49 cf/sk yield					
<b>2</b>	<b>450</b>	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 10/4/2008

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

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

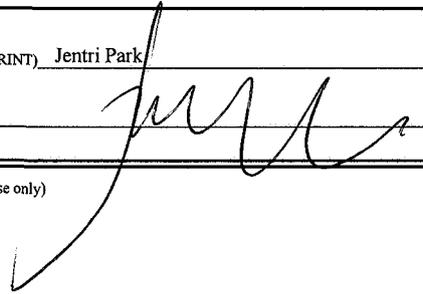
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: WEST POINT UNIT
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		8. WELL NAME and NUMBER: WEST POINT R-7-9-16
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 484' FSL 1941' FWL		9. API NUMBER: 4301333974
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESW, 7, T9S, R16E		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: 11/18/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
The above subject well was completed on 10/30/08, attached is a daily completion status report.

NAME (PLEASE PRINT) <u>Jentri Park</u>	TITLE <u>Production Clerk</u>
SIGNATURE 	DATE <u>11/18/2008</u>

(This space for State use only)

**RECEIVED**  
**NOV 25 2008**  
**DIV. OF OIL, GAS & MINING**

**Daily Activity Report**

Format For Sundry

**W POINT R-7-9-16****8/1/2008 To 12/30/2008****10/16/2008 Day: 1****Completion**

Rigless on 10/15/2008 - Install 5m 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 @ 6247' & cement top @ 60'. Perforate stage #1, CP2 sds @ 5858-64' w/ 3-1/8" Slick Guns (19 gram, .49"EH. 120°) w/ 4 spf for total of 24 shots. 150 BWTR. SWIFN.

**10/24/2008 Day: 2****Completion**

Rigless on 10/23/2008 - Stage #1, CP2 sands. RU BJ Services. 220 psi on well. Frac CP2 w/ 25,074#'s of 20/40 sand in 374 bbls of Lightning 17 fluid. Broke @ 1904 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2210 psi @ ave rate of 23.4 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2192 psi. Leave pressure on well. 524 BWTR Stage #2, LODC1 sands. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 10' & 14' perf gun. Set plug @ 5730'. Perforate LODC1 sds @ 5626-36', 5556- 70' w/ 3-1/8" Slick Guns w/ 4 spf for total of 96 shots. RU BJ Services. 1500 psi on well. Frac LODC1 sds w/ 60,708#'s of 20/40 sand in 526 bbls of Lightning 17 fluid. Broke @ 1820 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2417 psi @ ave rate of 23.5 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2435 psi. Leave pressure on well. 1050 BWTR. Stage #3, LODC 2 sands. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 12' & 6' perf gun. Set plug @ 5490'. Perforate LODC2 sds @ 5444-56', 5430- 36' w/ 3-1/8" Slick Guns w/ 4 spf for total of 72 shots. RU BJ Services. 2088 psi on well. Frac LODC2 sds w/ 29,466#'s of 20/40 sand in 403 bbls of Lightning 17 fluid. Broke @ 2431 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2235 psi @ ave rate of 23.5 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2278 psi. Leave pressure on well. 1453 BWTR. Stage #4, A1 sands. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 20' perf gun. Set plug @ 5370'. Perforate A1 sds @ 5294- 5314' w/ 3-1/8" Slick Guns w/ 4 spf for total of 80 shots. RU BJ Services. 1975 psi on well. Frac A1 sds w/ 40,610#'s of 20/40 sand in 418 bbls of Lightning 17 fluid. Broke @ 2918 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2417 psi @ ave rate of 23.4 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 2464 psi. Leave pressure on well. 1871 BWTR. Stage #5, B2 sands. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 18' perf gun. Set plug @ 5220'. Perforate B2 sds @ 5164- 5182' w/ 3-1/8" Slick Guns w/ 4 spf for total of 72 shots. RU BJ Services. 1785 psi on well. Frac B2 sds w/ 40,370#'s of 20/40 sand in 408 bbls of Lightning 17 fluid. Broke @ 3428 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2157 psi @ ave rate of 23.5 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISIP 2272 psi. Leave pressure on well. 2279 BWTR. Stage #6, D2 sands. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow

through frac plug & 8' perf gun. Set plug @ 5040'. Perforate D2 sds @ 4950- 58' w/ 3-1/8" Slick Guns w/ 4 spf for total of 32 shots. RU BJ Services. 1730 psi on well. Frac D2 sds w/ 24,846#'s of 20/40 sand in 350 bbls of Lightning 17 fluid. Broke @ 3226 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2339 psi @ ave rate of 23.4 BPM. Pumped 504 gals of 15% HCL in flush for Stage #7. ISIP 2136 psi. Leave pressure on well. 2629 BWTR. Stage #7, DS2 sands. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 8' perf gun. Set plug @ 4850'. Perforate DS2 sds @ 4784- 92' w/ 3-1/8" Slick Guns w/ 4 spf for total of 32 shots. RU BJ Services. 1730 psi on well. Frac DS2 sds w/ 35,449#'s of 20/40 sand in 368 bbls of Lightning 17 fluid. Broke @ 3534 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2456 psi @ ave rate of 23.4 BPM. Pumped 504 gals

10/25/2008 Day: 3

Completion

Rigless on 10/24/2008 - Day 3. Stage #8, GB2, GB4, GB6 sands. RU BJ Services. 800 psi on well. Frac GB2, GB4, GB6 sds w/ 101,148#'s of 20/40 sand in 718 bbls of Lightning 17 fluid. Broke @ 1523 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1837 psi @ ave rate of 23.5 BPM. ISIP 2253 psi. Begin immediate flowback on 20/64 choke @ 3 BPM. Flowed for 4 hrs, Rec. 619 BTF. Turned to oil & gas. MIRU Perforators LLC WLT, Crane & lubricator. PU & RIH w/ Weatherford solid composite kill plug. Set plug @ 4270'. RD WL. SIWFN w/ 3096 BWTR.

10/28/2008 Day: 4

Completion

Western #1 on 10/27/2008 - 0 psi on well. MIRU Western #1. ND Cameron BOP & 5M WH. NU 3M WH & Shaffer BOP. Tried to RIH w/ bit, Stacked out on heavy oil. LD bit. TIH w/ 2 7/8 NC & 20 jts of tbg. Circulate out heavy oil. Talley, PU & RIH w/ 4 3/4" chomp bit, bit sub & 50- jts 2 7/8 J-55 tbg. EOT @ 1538'. SIWFN w/ 3096 BWTR.

10/29/2008 Day: 5

Completion

Western #1 on 10/28/2008 - 0 psi on well. Continue to talley, PU & RIH w/ 2 7/8 J-55 tbg. Tagged kill plug @ 4270'. RU Nabors power swivel. Drill out plugs & circulate sand as follows: Plug @ 4270' (Drilled out in 23 mins), Tagged sand @ 4370', Plug @ 4500' (Drilled out in 39 mins), Tagged sand @ 4678', Plug @ 4850' (Drilled out in 28 mins), Tagged sand @ 4986', Plug @ 5040' (Drilled out in 49 mins), Tagged plug @ 5220' (Drilled out in 40 mins). EOT @ 5240'. Circulate well clean. Drain pump & lines. SIWFN w/ 3057 BWTR.

10/30/2008 Day: 6

Completion

Western #1 on 10/29/2008 - 350 psi on tbg, 400 psi on csg. Circulate well clean. Continue to drill out plug & circulate sand. Tagged sand @ 5324', Plug @ 5370' (Drilled out in 39 mins), Plug @ 5490' (Drilled out in 47 mins), Plug @ 5730' (Drilled out in 40 mins), Tagged fill @ 5940', C/O to PBTD @ 6291'. LD 2 jts of tbg. EOT @ 6216'. RU swab equipment. IFL @ sfc. Made 5 runs, Rec 73 BTF. FFL @ 400'. SIWFN w/ 2984 BWTR.

10/31/2008 Day: 7

Completion

Western #1 on 10/30/2008 - 300 psi on tbg, 350 psi on csg. Bleed off pressure, Flowed back 80 BTF to production tanks. TIH w/ tbg. Tagged fill @ 6289'. C/O to PBD @ 6291'. LD extra tbg. TOH w/ tbg. 48 jts out, Well started flowing. Circulate well dead. Continue to TOH w/ tbg. LD bit & bit sub. TIH w/ production tbg as follows: NC, 2- jt, SN, 1- jt, TA & 189 jts. ND BOP. Set Ta w/ 16,000#'s of tension @ 5829.10', SN @ 5862.70'. EOT @ 5926.04'. NU WH. Flush tbg w/ 60 bbls of wtr. Prime rod pump. PU & RIH w/ rods. Total detail as follows: "CDI" 2 1/2" X 1 3/4" X 20' RHAC, 16,000# shear coupling, 4- 1 1/2" wt bars, 230- 7/8" guided rods (8 per), 1 1/2" X 26' polish rod. Hang head & space out rods. RDMOSU. POP 10-31-08 @ 8:30 AM w/ 5 SPM w/ 122" SL. 2964 BWTR. FINAL REPORT!!!

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**Pertinent Files: Go to File List**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
UTU-74390

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.,  
 Other: \_\_\_\_\_

6. If Indian, Allottee or Tribe Name  
NA

2. Name of Operator  
NEWFIELD EXPLORATION COMPANY

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

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

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

8. Lease Name and Well No.  
WEST POINT FEDERAL R-7-9-16

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface 1425' FSL & 2450' FEL (NE/SW) SEC. 9, T9S, R16E

484 fsl 1941 fwi

At top prod. interval reported below

At total depth 6321' 1603 fsl 2554 fwi per HSM review

10. Field and Pool or Exploratory  
MONUMENT BUTTE

11. Sec., T., R., M., on Block and  
Survey or Area  
SEC. 7, T9S, R16E

12. County or Parish 13. State

DUCHESNE UT

14. Date Spudded  
09/18/2008

15. Date T.D. Reached  
10/03/2008

16. Date Completed 10/30/2008  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
5991' GL 6003' KB

18. Total Depth: MD 6321'  
TVD 6195'

19. Plug Back T.D.: MD 6291'  
TVD 4138

20. Depth Bridge Plug Set: MD  
TVD

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

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

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#		330'		160 CLASS G		60'	
7-7/8"	5-1/2" J-55	15.5#		6332'		350 PRIMLITE 475 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 5926'	TA @ 5829'						

25. Producing Intervals

Formation	Top	Bottom	Perforation Record Perforated Interval	Size	No. Holes	Perf. Status
A) GRRV per operator			(CP2) 5858-64'	.49"	4	24
B)			(LODC) 5626-36,5556-70'	.49"	4	96
C)			(LODC2) 5444-56',5430-36'	.49"	4	72
D)			(A1) 5294-5314'	.49"	4	80

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

Depth Interval	Amount and Type of Material
5858-5864'	Frac w/ 25074# of 20/40 snd 347 bbls fluid
5555-5636'	Frac w/ 60708# 20/40 snd 526 bbls fluid
5430-5456'	Frac w/ 29466# 20/40 snd 403 bbls fluid
5294-5314'	Frac w/ 40610# 20/40 snd 418 bbls fluid

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/30/08	11/04/08	24	→	10	5	10			2-1/2" x 1-3/4" x 20' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

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

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

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28b. Production - Interval C

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

28c. Production - Interval D

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

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

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3840' 4035'
				GARDEN GULCH 2 POINT 3	4150' 4426'
				X MRKR Y MRKR	4696' 4732'
				DOUGALS CREEK MRK BI CARBONATE MRK	4850' NOT PRESENT
				B LIMESTON MRK CASTLE PEAK	5204' 5776'
				BASAL CARBONATE TOTAL DEPTH (LOGGERS)	6222' 6342'

32. Additional remarks (include plugging procedure):

(B2) 5164-82' .49" 4/72 5164-5182' Frac w/ 40370#'s of 20/40 sand in 408 bbls of fluid  
 (D2) 4950-58' .49" 4/32 4950-4958 Frac w/ 24846#'s of 20/40 sand in 350 bbls of fluid  
 (DS2) 4784-92' .49" 4/192 4784-4792' Frac w/ 101148#'s of 20/40 sand in 718 bbls of fluid

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

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

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

Name (please print) Tammi Lee      Title Production Clerk  
 Signature *Tammi Lee*      Date 11/15/2008

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.



**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 Unit R-7-9-16</u>
<b>County &amp; State</b>	<u>Duchesne County, UT</u>
<b>SDI Job No.</b>	<u>42DEF0809817</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 0 feet to a measured depth of 6351 feet is true and correct as determined from all available records.

Julie Cruse

Signature

21-Oct-08

Date

### **Julie Cruse**

Rockies Region Engineer  
Scientific Drilling - Rocky Mountain District



**Scientific Drilling**  
Rocky Mountain Operations

Project: Duchesne County, UT NAD83 UTC

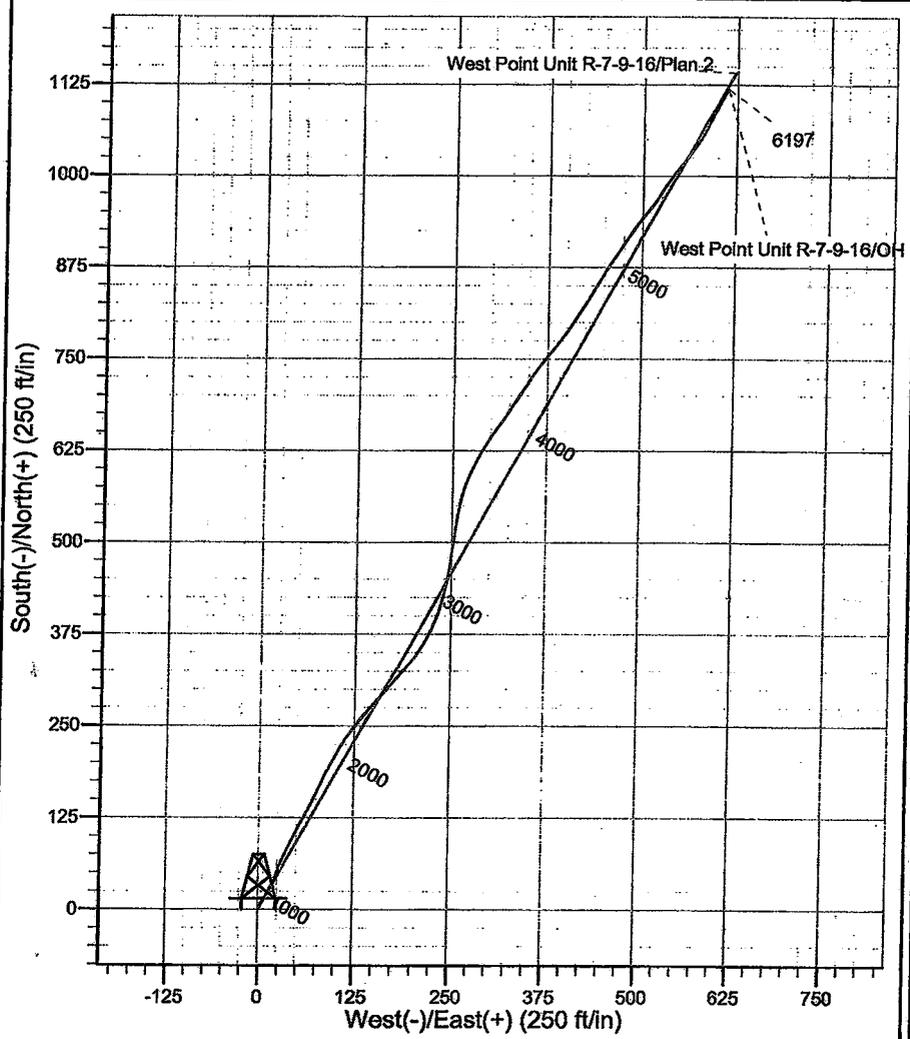
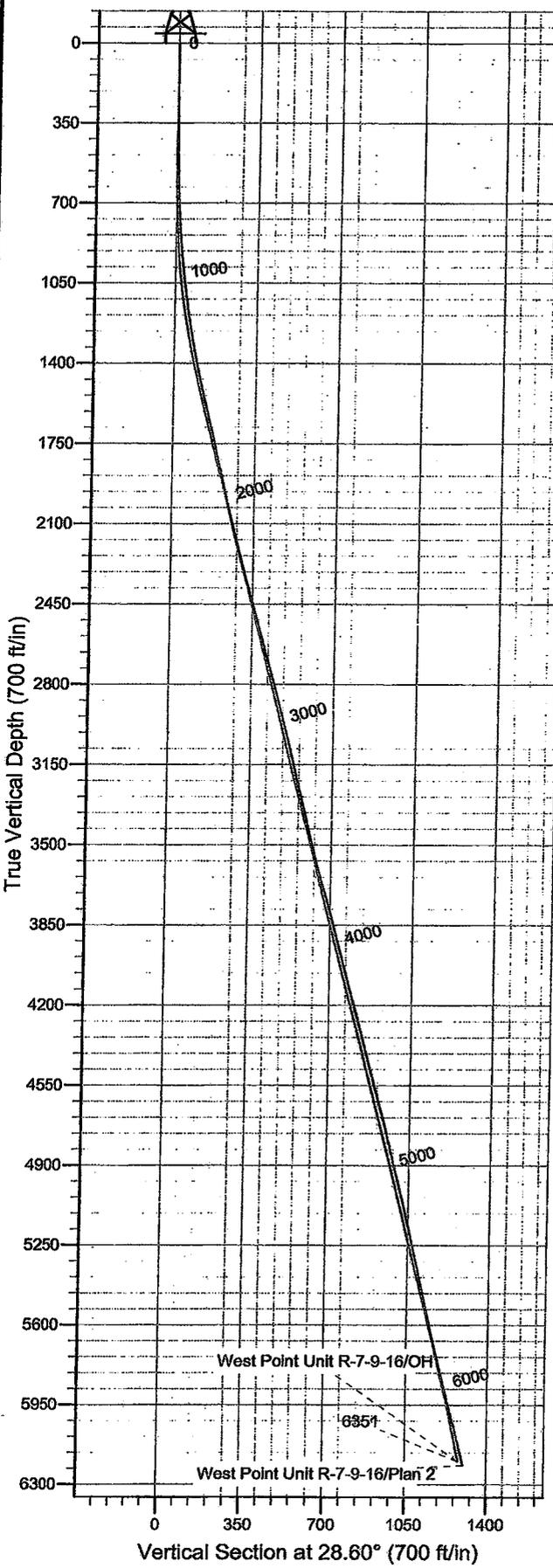
Site: West Point

Well: West Point Unit R-7-9-16

Wellbore: OH

Design: OH

Newfield Exploration Co.



**WELL DETAILS: West Point Unit R-7-9-16**

Ground Level: GL 5991' & RKB 12' @ 6003.00ft (Patterson 52)

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	7185919.01	2014422.23	40° 2' 22.200 N	110° 9' 50.800 W

**REFERENCE INFORMATION**

Co-ordinate (NE) Reference: Well West Point Unit R-7-9-16, True North  
 Vertical (TVD) Reference: GL 5991' & RKB 12' @ 6003.00ft (Patterson 52)  
 Section (VS) Reference: Slot - (0.00N, 0.00E)  
 Measured Depth Reference: GL 5991' & RKB 12' @ 6003.00ft (Patterson 52)  
 Calculation Method: Minimum Curvature  
 Local North: True  
 Location:

**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

Design: OH (West Point Unit R-7-9-16/OH)

Created By: Gregg Detweiler Date: 2008-10-20

# **Newfield Exploration Co.**

**Duchesne County, UT NAD83 UTC**

**West Point**

**West Point Unit R-7-9-16**

**OH**

**Design: OH**

## **Standard Survey Report**

**20 October, 2008**

# Scientific Drilling

## Survey Report

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

**Local Co-ordinate Reference:** Well West Point Unit R-7-9-16  
**TVD Reference:** GL 5991' & RKB 12' @ 6003.00ft (Patterson 52)  
**MD Reference:** GL 5991' & RKB 12' @ 6003.00ft (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 Unit R-7-9-16, 484' FSL 1941' FWL Sec 7 T9S R16E					
<b>Well Position</b>	<b>+N/-S</b>	0.00 ft	<b>Northing:</b>	7,185,919.01 ft	<b>Latitude:</b>	40° 2' 22.200 N
	<b>+E/-W</b>	0.00 ft	<b>Easting:</b>	2,014,422.23 ft	<b>Longitude:</b>	110° 9' 50.800 W
<b>Position Uncertainty</b>		0.00 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	5,991.00 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	9/25/2008	11.69	65.85	52,544

<b>Design</b>	OH				
<b>Audit Notes:</b>					
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>	
<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	28.60	

<b>Survey Program</b>	Date 10/20/2008				
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
0.00	6,351.00	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	
378.00	0.41	29.64	378.00	1.18	0.67	1.35	0.11	0.11	0.00	
<b>First MWD Survey</b>										
470.00	1.07	20.59	469.99	2.27	1.13	2.53	0.73	0.72	-9.84	
562.00	1.84	22.98	561.96	4.43	2.01	4.85	0.84	0.84	2.60	
654.00	2.47	27.10	653.89	7.55	3.49	8.30	0.70	0.68	4.48	
746.00	3.49	33.05	745.77	11.67	5.92	13.08	1.16	1.11	6.47	
838.00	3.92	30.38	837.57	16.73	9.04	19.01	0.50	0.47	-2.90	
934.00	5.84	23.63	933.22	24.03	12.66	27.16	2.08	2.00	-7.03	
1,029.00	6.51	28.37	1,027.67	33.20	17.15	37.36	0.89	0.71	4.99	
1,124.00	7.79	22.13	1,121.93	43.90	22.14	49.14	1.57	1.35	-6.57	
1,220.00	9.20	19.03	1,216.88	57.18	27.09	63.18	1.54	1.47	-3.23	
1,315.00	10.13	23.07	1,310.53	72.05	32.84	78.98	1.21	0.98	4.25	

# Scientific Drilling

## Survey Report

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

**Local Co-ordinate Reference:** Well West Point Unit R-7-9-16  
**TVD Reference:** GL 5991' & RKB 12' @ 6003.00ft (Patterson 52)  
**MD Reference:** GL 5991' & RKB 12' @ 6003.00ft (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)
1,412.00	11.49	25.74	1,405.81	88.60	40.38	97.12	1.49	1.40	2.75
1,506.00	12.76	26.48	1,497.71	106.33	49.08	116.85	1.36	1.35	0.79
1,602.00	13.81	27.07	1,591.14	126.02	59.02	138.90	1.10	1.09	0.61
1,697.00	13.84	26.50	1,683.39	146.29	69.25	161.58	0.15	0.03	-0.60
1,792.00	12.50	23.54	1,775.89	165.88	78.42	183.18	1.58	-1.41	-3.12
1,887.00	12.88	25.95	1,868.57	184.83	87.16	204.00	0.69	0.40	2.54
1,982.00	12.65	28.38	1,961.22	203.50	96.74	224.98	0.61	-0.24	2.56
2,078.00	13.52	28.43	2,054.72	222.62	107.08	246.71	0.91	0.91	0.05
2,172.00	13.79	35.23	2,146.07	241.43	118.77	268.83	1.73	0.29	7.23
2,267.00	14.53	40.17	2,238.19	259.79	132.99	291.75	1.49	0.78	5.20
2,362.00	16.01	38.51	2,329.83	279.15	148.84	316.33	1.62	1.56	-1.75
2,458.00	16.42	40.85	2,422.02	299.77	165.96	342.64	0.80	0.43	2.44
2,553.00	15.67	37.73	2,513.32	320.07	182.59	368.42	1.20	-0.79	-3.28
2,651.00	14.69	41.11	2,607.90	339.90	198.86	393.62	1.35	-1.00	3.45
2,746.00	15.14	29.61	2,699.72	359.77	212.91	417.79	3.15	0.47	-12.11
2,841.00	14.81	23.84	2,791.50	381.66	223.95	442.30	1.61	-0.35	-6.07
2,937.00	15.89	17.43	2,884.08	405.43	232.85	467.42	2.09	1.12	-6.68
3,032.00	15.43	15.10	2,975.55	430.04	240.04	492.47	0.82	-0.48	-2.45
3,127.00	15.22	9.90	3,067.18	454.52	245.47	516.57	1.46	-0.22	-5.47
3,223.00	12.76	7.25	3,160.32	477.46	248.98	538.38	2.65	-2.56	-2.76
3,318.00	13.84	7.44	3,252.77	499.13	251.77	558.75	1.14	1.14	0.20
3,414.00	14.34	9.41	3,345.89	522.25	255.20	580.69	0.72	0.52	2.05
3,508.00	13.84	8.91	3,437.06	544.84	258.85	602.27	0.55	-0.53	-0.53
3,603.00	14.76	15.77	3,529.12	567.71	263.90	624.77	2.03	0.97	7.22
3,699.00	15.77	22.74	3,621.74	591.51	272.26	649.67	2.18	1.05	7.26
3,794.00	16.56	30.00	3,712.99	615.15	284.03	676.05	2.28	0.83	7.64
3,890.00	14.74	29.44	3,805.43	637.63	296.87	701.94	1.90	-1.90	-0.58
3,983.00	14.67	36.97	3,895.39	657.35	309.77	725.42	2.06	-0.08	8.10
4,078.00	14.47	31.53	3,987.34	677.08	323.21	749.18	1.46	-0.21	-5.73
4,173.00	15.00	33.42	4,079.22	697.45	336.19	773.28	0.75	0.56	1.99
4,268.00	14.17	31.51	4,171.16	717.63	349.04	797.15	1.01	-0.87	-2.01
4,361.00	15.45	37.09	4,261.07	737.22	362.46	820.77	2.06	1.38	6.00
4,456.00	14.35	38.10	4,352.87	756.58	377.35	844.90	1.19	-1.16	1.06
4,551.00	14.51	38.43	4,444.88	775.16	392.02	868.23	0.19	0.17	0.35
4,646.00	15.03	32.45	4,536.74	794.88	406.02	892.25	1.69	0.55	-6.29
4,738.00	14.70	31.47	4,625.66	814.90	418.52	915.81	0.45	-0.36	-1.07
4,834.00	14.38	31.64	4,718.59	835.44	431.13	939.88	0.34	-0.33	0.18
4,929.00	13.30	30.01	4,810.83	854.95	442.78	962.59	1.21	-1.14	-1.72
5,024.00	14.01	31.25	4,903.14	874.24	454.21	985.00	0.81	0.75	1.31
5,120.00	13.99	32.75	4,996.29	893.94	466.52	1,008.18	0.38	-0.02	1.56
5,215.00	13.81	34.24	5,088.51	912.97	479.11	1,030.92	0.42	-0.19	1.57
5,310.00	12.76	36.48	5,180.97	930.78	491.73	1,052.59	1.23	-1.11	2.36
5,405.00	12.93	38.34	5,273.59	947.55	504.56	1,073.46	0.47	0.18	1.96
5,429.96	12.83	37.20	5,297.92	951.95	507.97	1,078.95	1.09	-0.39	-4.58
<b>WPU R-7-9-16 Target</b>									
5,500.00	12.59	33.90	5,366.25	964.48	516.93	1,094.25	1.09	-0.35	-4.71
5,595.00	12.38	30.74	5,459.00	981.83	527.91	1,114.73	0.75	-0.22	-3.33
5,689.00	12.95	37.72	5,550.72	998.82	539.50	1,135.20	1.74	0.61	7.43
5,786.00	12.30	37.14	5,645.37	1,015.65	552.39	1,156.15	0.68	-0.67	-0.60
5,880.00	13.37	36.10	5,737.02	1,032.42	564.84	1,176.83	1.16	1.14	-1.11
5,975.00	13.37	31.72	5,829.45	1,050.64	577.09	1,198.69	1.07	0.00	-4.61
6,070.00	12.52	25.44	5,922.04	1,069.28	587.29	1,219.94	1.73	-0.89	-6.61
6,165.00	12.08	26.09	6,014.86	1,087.51	596.08	1,240.15	0.49	-0.46	0.68
6,260.00	11.30	29.63	6,107.89	1,104.52	605.06	1,259.39	1.12	-0.82	3.73

# Scientific Drilling

## Survey Report

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

**Local Co-ordinate Reference:** Well West Point Unit R-7-9-16  
**TVD Reference:** GL 5991' & RKB 12' @ 6003.00ft (Patterson 52)  
**MD Reference:** GL 5991' & RKB 12' @ 6003.00ft (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)
6,300.00	10.09	29.55	6,147.19	1,110.98	608.72	1,266.81	3.03	-3.02	-0.20
6,351.00	10.09	29.55	6,197.41	1,118.75	613.13	1,275.74	0.00	0.00	0.00

Projection to TD

### 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
WPU R-7-9-16 PBHL - actual wellpath misses target center by 207.23ft at 6332.00ft MD (6178.70 TVD, 1115.86 N, 611.49 E) - Circle (radius 75.00)	0.00	0.00	6,215.00	938.05	511.44	7,186,864.59	2,014,919.61	40° 2' 31.471 N	110° 9' 44.224 W
WPU R-7-9-16 Target - actual wellpath misses target center by 14.47ft at 5429.96ft MD (5297.92 TVD, 951.95 N, 507.97 E) - Circle (radius 75.00)	0.00	0.00	5,300.00	938.05	511.44	7,186,864.59	2,014,919.61	40° 2' 31.471 N	110° 9' 44.224 W

### Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
378.00	378.00	1.18	0.67	First MWD Survey
6,351.00	6,197.41	1,118.75	613.13	Projection to TD

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