

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-50750
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. Pleasant Valley Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Pleasant Valley Federal M-9-9-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43013-33896
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SW/NE 1992' FNL 1983' FEL At proposed prod. zone <sup>SF NW</sup> Target: 2565' FNL 2690' FEL BHL: 2673' FNL 2576' FEL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 13.6 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 9, T9S R17E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 40' f/lse, 2690' f/unit	16. No. of Acres in lease 360.00	12. County or Parish Duchesne
17. Spacing Unit dedicated to this well 20 Acres	13. State UT	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1295'	19. Proposed Depth 6000'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5250' GL	22. Approximate date work will start* 1st 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 1/14/08
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed)	Date 01-30-08
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)

SWLF  
584573X  
44332634  
40.047259  
-110.008565

Target  
584359X  
44330864  
40.045680  
-110.011099

BHL  
584394X  
44330534  
40.045384  
-110.010690

RECEIVED  
JAN 31 2008  
DIV. OF OIL, GAS & MINING  
Federal Approval of this  
Action is Necessary



NEWFIELD PRODUCTION COMPANY  
PLEASANT VALLEY FEDERAL #M-9-9-17  
AT SURFACE: SW/NE SECTION 9, T9S, R17E  
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' – 1365'
Green River	1365'
Wasatch	6000'

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

Green River Formation 1365' – 6000' - 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.



**Scientific Drilling**  
Rocky Mountain Operations

Project: Duchesne County, UT  
Site: Pleasant Valley M-9-9-17  
Well: Pleasant Valley M-9-9-17  
Wellbore: OH  
Design: Plan #1

**Newfield Exploration Co.**

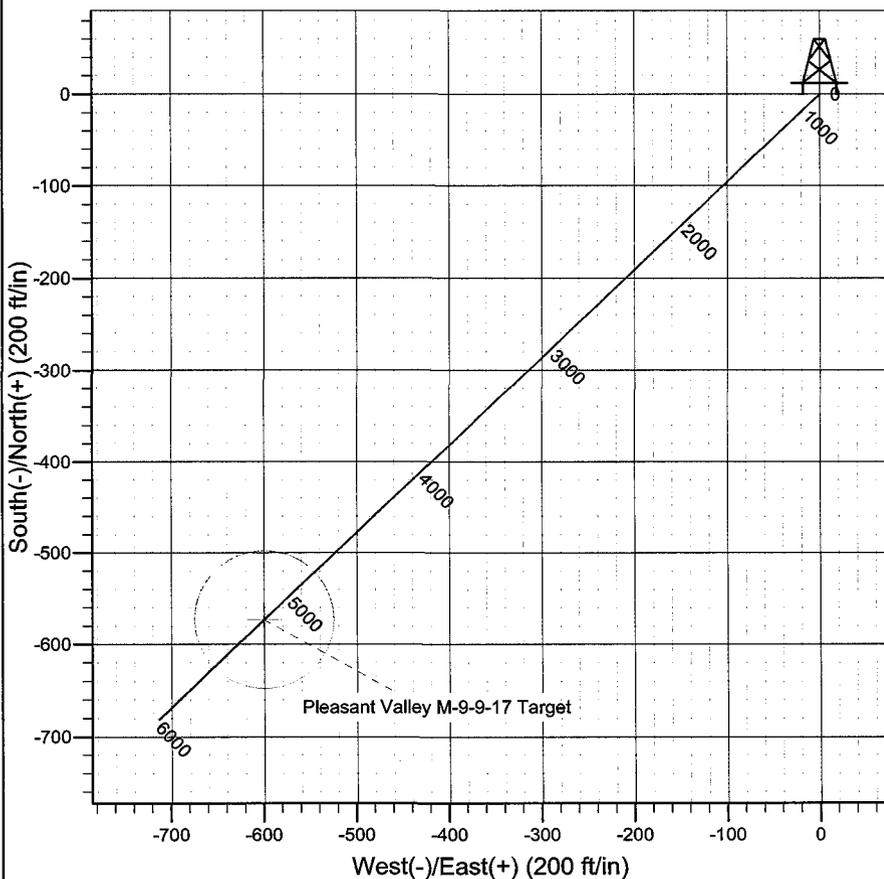
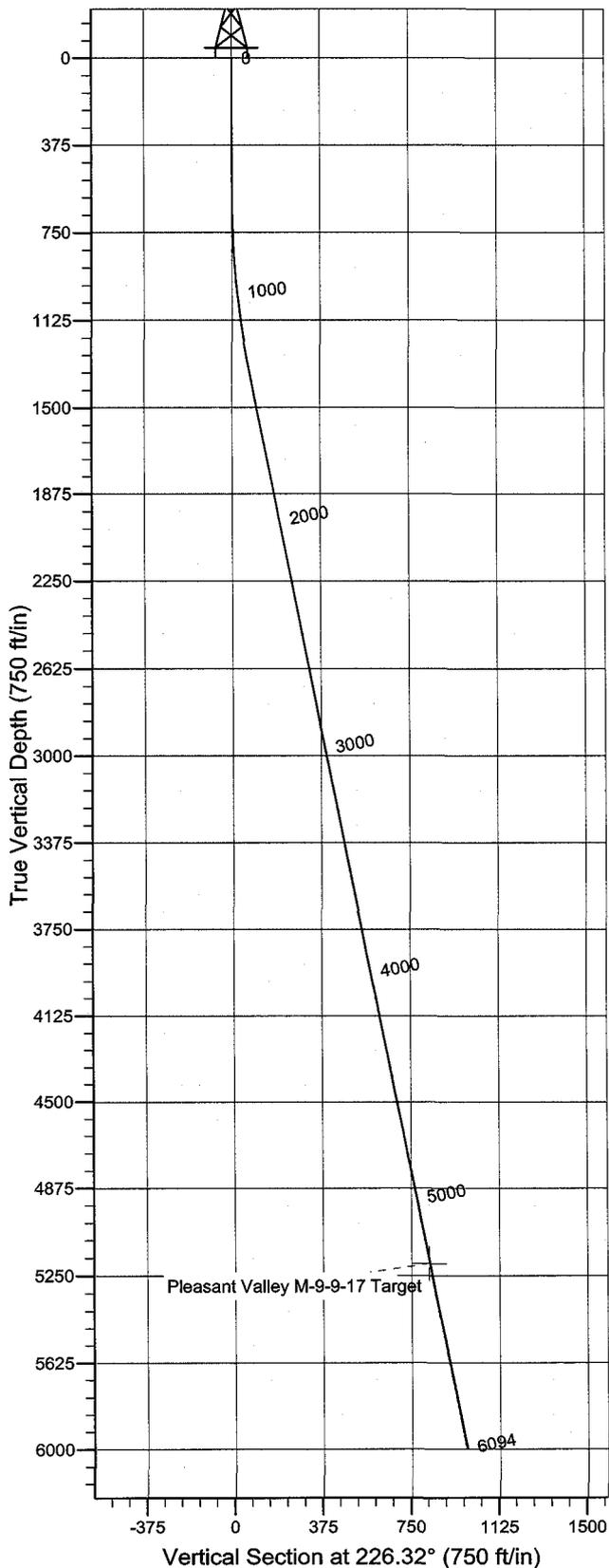


Azimuths to True North  
Magnetic North: 11.72°

Magnetic Field  
Strength: 52644.2snT  
Dip Angle: 65.90°  
Date: 2008-01-07  
Model: IGRF2005-10

WELL DETAILS: Pleasant Valley M-9-9-17

GL 5250' & RKB 12' @ 5262.00ft (NDSI 2) 5250.00  
+N/-S 0.00 +E/-W 0.00 Northing 7189420.52 Easting 2057723.30 Latitude 40° 2' 50.040 N Longitude 110° 0' 33.350 W



Plan: Plan #1 (Pleasant Valley M-9-9-17/OH)

Created By: Julie Cruse Date: 2008-01-08

PROJECT DETAILS: Duchesne County, UT

Geodetic System: US State Plane 1983  
Datum: North American Datum 1983  
Ellipsoid: GRS 1980  
Zone: Utah Central Zone  
Location: Sec 9 T9S R17E  
System Datum: Mean Sea Level  
Local North: True North

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	
939.99	11.10	226.32	1335.37	-49.35	-51.68	1.50	226.32	71.46	
278.29	11.10	226.32	5200.00	-573.00	-600.00	0.00	0.00	829.66	Pleasant Valley M-9-9-17 Targ
993.54	11.10	226.32	6000.00	-681.40	-713.51	0.00	0.00	986.61	

# **Newfield Exploration Co.**

**Duchesne County, UT  
Pleasant Valley M-9-9-17  
Pleasant Valley M-9-9-17  
OH**

**Plan: Plan #1**

## **Standard Planning Report**

**08 January, 2008**

# Scientific Drilling

## Planning Report

**Database:** EDM 2003.16 Multi-User Db  
**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT  
**Site:** Pleasant Valley M-9-9-17  
**Well:** Pleasant Valley M-9-9-17  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well Pleasant Valley M-9-9-17  
**TVD Reference:** GL 5250' & RKB 12' @ 5262.00ft (NDSI 2)  
**MD Reference:** GL 5250' & RKB 12' @ 5262.00ft (NDSI 2)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

<b>Project</b>	Duchesne County, UT		
<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>	Pleasant Valley M-9-9-17, Sec 9 T9S R17E				
<b>Site Position:</b>	<b>Northing:</b>	7,189,420.53 ft	<b>Latitude:</b>	40° 2' 50.040 N	
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,057,723.30 ft	<b>Longitude:</b>	110° 0' 33.350 W
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	in	<b>Grid Convergence:</b>	0.95 °

<b>Well</b>	Pleasant Valley M-9-9-17, 1992' FNL 1983' FEL Sec 9 T9S R17E					
<b>Well Position</b>	<b>+N/-S</b>	0.00 ft	<b>Northing:</b>	7,189,420.52 ft	<b>Latitude:</b>	40° 2' 50.040 N
	<b>+E/-W</b>	0.00 ft	<b>Easting:</b>	2,057,723.30 ft	<b>Longitude:</b>	110° 0' 33.350 W
<b>Position Uncertainty</b>		0.00 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	5,250.00 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	2008-01-07	(°)	(°)	(nT)
			11.72	65.90	52,644

<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	226.32

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	
1,339.99	11.10	226.32	1,335.37	-49.35	-51.68	1.50	1.50	0.00	226.32	
5,278.29	11.10	226.32	5,200.00	-573.00	-600.00	0.00	0.00	0.00	0.00	Pleasant Valley M-9-9
6,093.54	11.10	226.32	6,000.00	-681.40	-713.51	0.00	0.00	0.00	0.00	

# Scientific Drilling

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**Design:** Plan #1

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**TVD Reference:** GL 5250' & RKB 12' @ 5262.00ft (NDSI 2)  
**MD Reference:** GL 5250' & RKB 12' @ 5262.00ft (NDSI 2)  
**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	226.32	699.99	-0.90	-0.95	1.31	1.50	1.50	0.00
800.00	3.00	226.32	799.91	-3.62	-3.79	5.23	1.50	1.50	0.00
900.00	4.50	226.32	899.69	-8.13	-8.52	11.77	1.50	1.50	0.00
1,000.00	6.00	226.32	999.27	-14.45	-15.13	20.92	1.50	1.50	0.00
1,100.00	7.50	226.32	1,098.57	-22.57	-23.63	32.68	1.50	1.50	0.00
1,200.00	9.00	226.32	1,197.54	-32.48	-34.01	47.03	1.50	1.50	0.00
1,300.00	10.50	226.32	1,296.09	-44.17	-46.26	63.96	1.50	1.50	0.00
1,339.99	11.10	226.32	1,335.37	-49.35	-51.68	71.46	1.50	1.50	0.00
1,400.00	11.10	226.32	1,394.26	-57.33	-60.03	83.01	0.00	0.00	0.00
1,500.00	11.10	226.32	1,492.39	-70.63	-73.95	102.26	0.00	0.00	0.00
1,600.00	11.10	226.32	1,590.52	-83.92	-87.88	121.51	0.00	0.00	0.00
1,700.00	11.10	226.32	1,688.65	-97.22	-101.80	140.76	0.00	0.00	0.00
1,800.00	11.10	226.32	1,786.77	-110.51	-115.72	160.02	0.00	0.00	0.00
1,900.00	11.10	226.32	1,884.90	-123.81	-129.64	179.27	0.00	0.00	0.00
2,000.00	11.10	226.32	1,983.03	-137.11	-143.57	198.52	0.00	0.00	0.00
2,100.00	11.10	226.32	2,081.16	-150.40	-157.49	217.77	0.00	0.00	0.00
2,200.00	11.10	226.32	2,179.29	-163.70	-171.41	237.02	0.00	0.00	0.00
2,300.00	11.10	226.32	2,277.42	-177.00	-185.34	256.28	0.00	0.00	0.00
2,400.00	11.10	226.32	2,375.55	-190.29	-199.26	275.53	0.00	0.00	0.00
2,500.00	11.10	226.32	2,473.68	-203.59	-213.18	294.78	0.00	0.00	0.00
2,600.00	11.10	226.32	2,571.81	-216.89	-227.10	314.03	0.00	0.00	0.00
2,700.00	11.10	226.32	2,669.94	-230.18	-241.03	333.28	0.00	0.00	0.00
2,800.00	11.10	226.32	2,768.07	-243.48	-254.95	352.54	0.00	0.00	0.00
2,900.00	11.10	226.32	2,866.20	-256.77	-268.87	371.79	0.00	0.00	0.00
3,000.00	11.10	226.32	2,964.33	-270.07	-282.80	391.04	0.00	0.00	0.00
3,100.00	11.10	226.32	3,062.46	-283.37	-296.72	410.29	0.00	0.00	0.00
3,200.00	11.10	226.32	3,160.58	-296.66	-310.64	429.54	0.00	0.00	0.00
3,300.00	11.10	226.32	3,258.71	-309.96	-324.56	448.80	0.00	0.00	0.00
3,400.00	11.10	226.32	3,356.84	-323.26	-338.49	468.05	0.00	0.00	0.00
3,500.00	11.10	226.32	3,454.97	-336.55	-352.41	487.30	0.00	0.00	0.00
3,600.00	11.10	226.32	3,553.10	-349.85	-366.33	506.55	0.00	0.00	0.00
3,700.00	11.10	226.32	3,651.23	-363.14	-380.26	525.80	0.00	0.00	0.00
3,800.00	11.10	226.32	3,749.36	-376.44	-394.18	545.06	0.00	0.00	0.00
3,900.00	11.10	226.32	3,847.49	-389.74	-408.10	564.31	0.00	0.00	0.00
4,000.00	11.10	226.32	3,945.62	-403.03	-422.02	583.56	0.00	0.00	0.00
4,100.00	11.10	226.32	4,043.75	-416.33	-435.95	602.81	0.00	0.00	0.00
4,200.00	11.10	226.32	4,141.88	-429.63	-449.87	622.06	0.00	0.00	0.00
4,300.00	11.10	226.32	4,240.01	-442.92	-463.79	641.32	0.00	0.00	0.00
4,400.00	11.10	226.32	4,338.14	-456.22	-477.72	660.57	0.00	0.00	0.00
4,500.00	11.10	226.32	4,436.27	-469.52	-491.64	679.82	0.00	0.00	0.00
4,600.00	11.10	226.32	4,534.40	-482.81	-505.56	699.07	0.00	0.00	0.00
4,700.00	11.10	226.32	4,632.52	-496.11	-519.49	718.32	0.00	0.00	0.00
4,800.00	11.10	226.32	4,730.65	-509.40	-533.41	737.58	0.00	0.00	0.00
4,900.00	11.10	226.32	4,828.78	-522.70	-547.33	756.83	0.00	0.00	0.00
5,000.00	11.10	226.32	4,926.91	-536.00	-561.25	776.08	0.00	0.00	0.00
5,100.00	11.10	226.32	5,025.04	-549.29	-575.18	795.33	0.00	0.00	0.00
5,200.00	11.10	226.32	5,123.17	-562.59	-589.10	814.58	0.00	0.00	0.00

# Scientific Drilling

## Planning Report

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**Project:** Duchesne County, UT  
**Site:** Pleasant Valley M-9-9-17  
**Well:** Pleasant Valley M-9-9-17  
**Wellbore:** OH  
**Design:** Plan #1

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**MD Reference:** GL 5250' & RKB 12' @ 5262.00ft (NDSI 2)  
**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)
5,278.29	11.10	226.32	5,200.00	-573.00	-600.00	829.66	0.00	0.00	0.00
5,300.00	11.10	226.32	5,221.30	-575.89	-603.02	833.83	0.00	0.00	0.00
5,400.00	11.10	226.32	5,319.43	-589.18	-616.95	853.09	0.00	0.00	0.00
5,500.00	11.10	226.32	5,417.56	-602.48	-630.87	872.34	0.00	0.00	0.00
5,600.00	11.10	226.32	5,515.69	-615.78	-644.79	891.59	0.00	0.00	0.00
5,700.00	11.10	226.32	5,613.82	-629.07	-658.71	910.84	0.00	0.00	0.00
5,800.00	11.10	226.32	5,711.95	-642.37	-672.64	930.09	0.00	0.00	0.00
5,900.00	11.10	226.32	5,810.08	-655.66	-686.56	949.35	0.00	0.00	0.00
6,000.00	11.10	226.32	5,908.21	-668.96	-700.48	968.60	0.00	0.00	0.00
6,093.54	11.10	226.32	6,000.00	-681.40	-713.51	986.61	0.00	0.00	0.00

### Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Pleasant Valley M-9-9-1' - hit/miss target - Shape - plan hits target center - Circle (radius 75.00)	0.00	0.00	5,200.00	-573.00	-600.00	7,188,837.60	2,057,132.93	40° 2' 44.377 N	110° 0' 41.066 W

**NEWFIELD PRODUCTION COMPANY  
PLEASANT VALLEY FEDERAL #M-9-9-17  
AT SURFACE: SW/NE SECTION 9, T9S, R17E  
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 Pleasant Valley Federal #M-9-9-17 located in the SW 1/4 NE 1/4 Section 9, T9S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southeasterly - 11.9 miles  $\pm$  to it's junction with an existing dirt road to the west; proceed in a southwesterly direction - 0.3 miles  $\pm$  to it's junction with the beginning of the access road to the existing Pleasant Valley 7-9-9-17 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 Pleasant Valley 7-9-9-17 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 Pleasant Valley 7-9-9-17 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Pleasant Valley Federal M-9-9-17. 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 Pleasant Valley Federal M-9-9-17 will be drilled off of the existing Pleasant Valley 7-9-9-17 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

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

12. **OTHER ADDITIONAL INFORMATION**

**Water Disposal**

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

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

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

None for the proposed Pleasant Valley Federal M-9-9-17.

**Reserve Pit Liner**

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

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

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

Squirrell Tail	<i>Elymus Elymoides</i>	5 lbs/acre
Crested Wheatgrass	<i>Agropyron Cristatum</i>	5 lbs/acre
Gardner Saltbush	<i>Atriplex Gardneri</i>	0.5 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	0.5 lbs/acre
Forage Kochia	<i>Kochia Prostrata</i>	0.25 lbs/acre

**Details of the On-Site Inspection**

The proposed Pleasant Valley Federal M-9-9-17 was on-sited on 12/18/07. The following were present; Dave Allred (Newfield Production), Michael Cutler (Bureau of Land Management), and Brandon McDonald (Bureau of Land Management).. Weather conditions were clear and ground cover was open.

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

Representative

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

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #M-9-9-17 SW/NE Section 9, Township 9S, Range 17E: Lease UTU-50750 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 drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

1/14/08

Date



Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

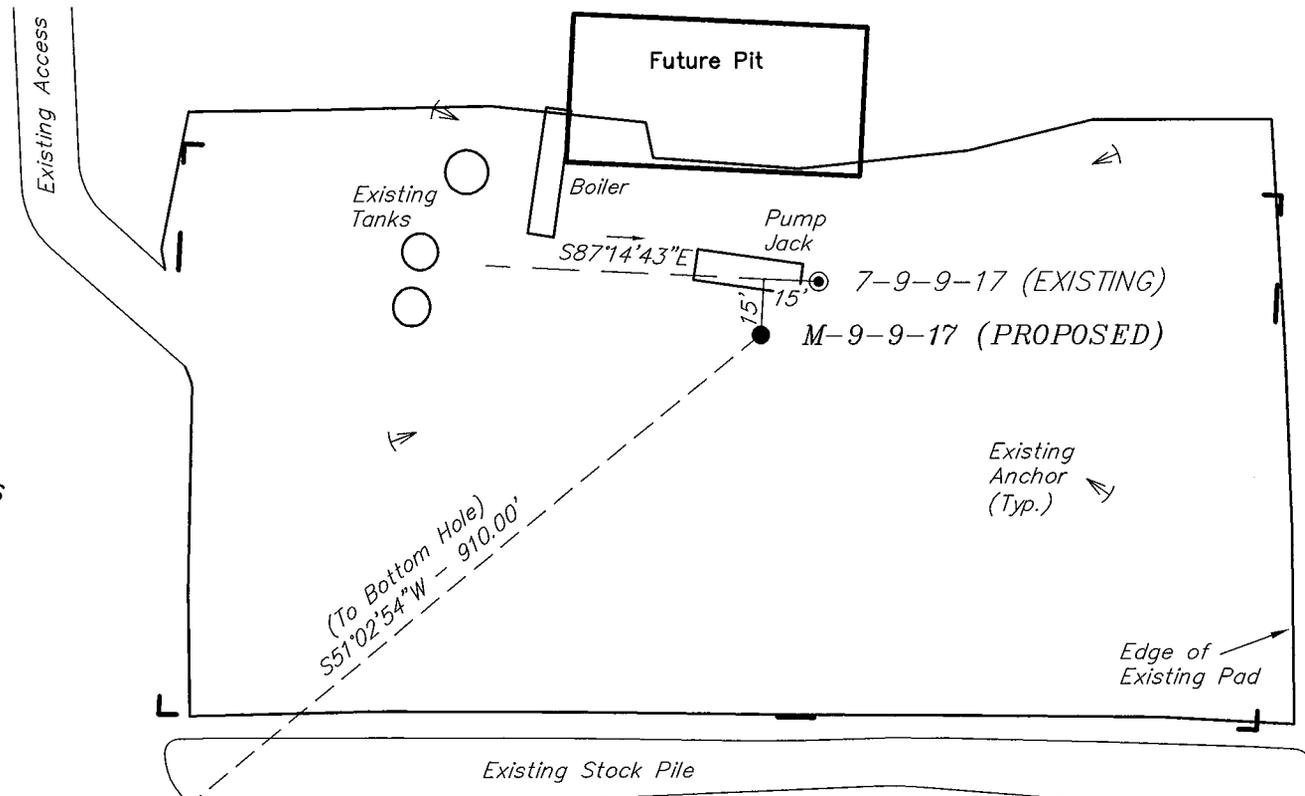
# NEWFIELD PRODUCTION COMPANY

## WELL PAD INTERFERENCE PLAT

PLEASANT VALLEY M-9-9-17 (Proposed Well)

PLEASANT VALLEY 7-9-9-17 (Existing Well)

Pad Location: SWNE Section 9, T9S, R17E, S.L.B.&M.



**TOP HOLE FOOTAGES**

M-9-9-17 (PROPOSED)  
1992' FNL & 1983' FEL

**BOTTOM HOLE FOOTAGES**

M-9-9-17 (PROPOSED)  
2565' FNL & 2690' FEL

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)		
WELL	LATITUDE	LONGITUDE
M-9-9-17	40° 02' 50.04"	110° 00' 33.35"
7-9-9-17	40° 02' 50.18"	110° 00' 33.15"

RELATIVE COORDINATES From top hole to bottom hole		
WELL	NORTH	EAST
M-9-9-17	-572	-708'

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

SURVEYED BY: R.R.	DATE SURVEYED: 09-11-07
DRAWN BY: F.T.M.	DATE DRAWN: 10-25-07
SCALE: 1" = 50'	REVISED: L.C.S. 01-28-08

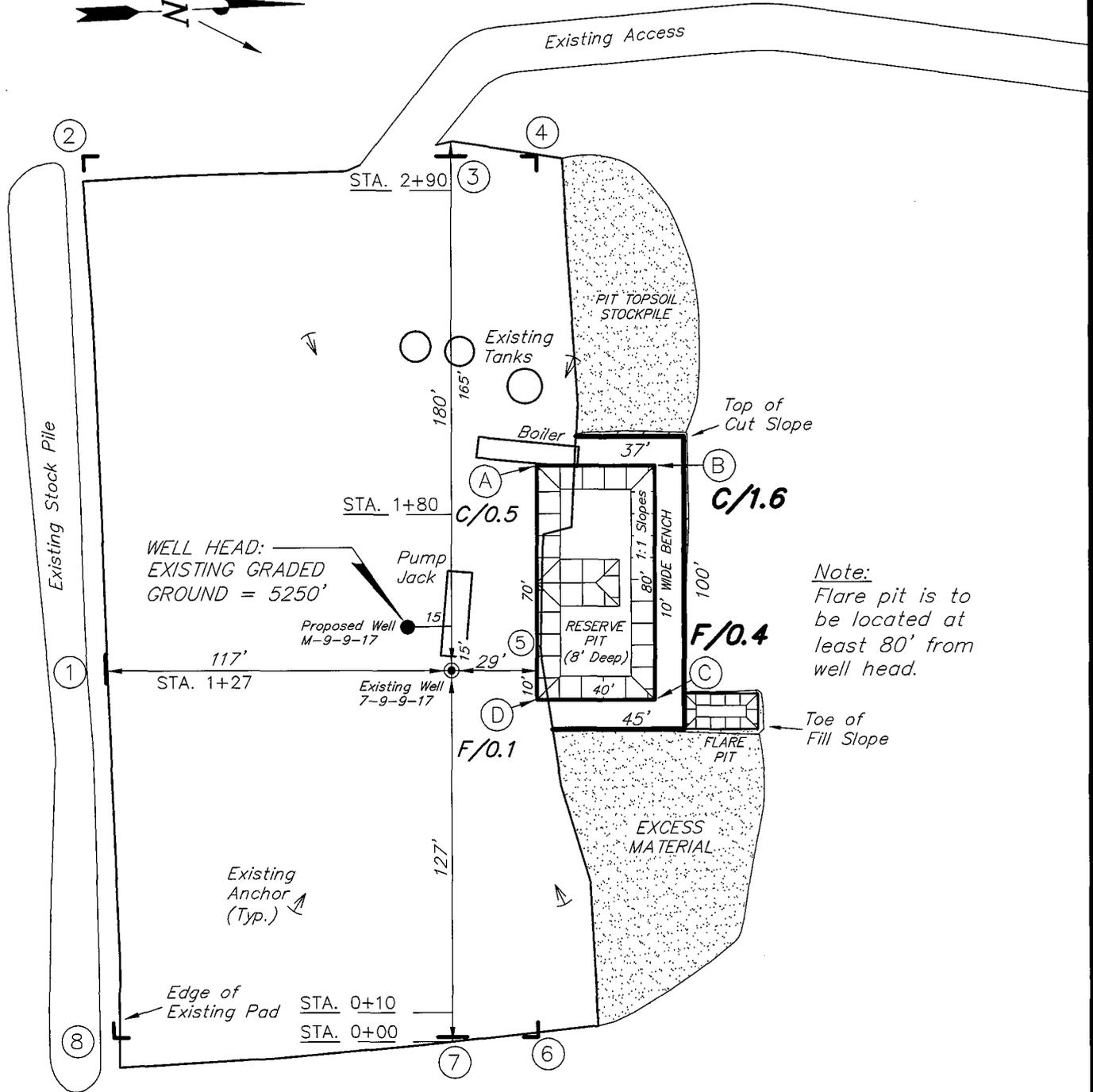
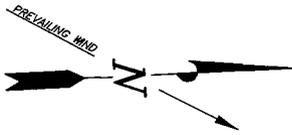
**Tri State** (435) 781-2501  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

PLEASANT VALLEY M-9-9-17 (Proposed Well)

PLEASANT VALLEY 7-9-9-17 (Existing Well)

Pad Location: SWNE Section 9, T9S, R17E, S.L.B.&M.



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

SURVEYED BY: R.R.	DATE SURVEYED: 09-11-07
DRAWN BY: F.T.M.	DATE DRAWN: 10-25-07
SCALE: 1" = 50'	REVISED:

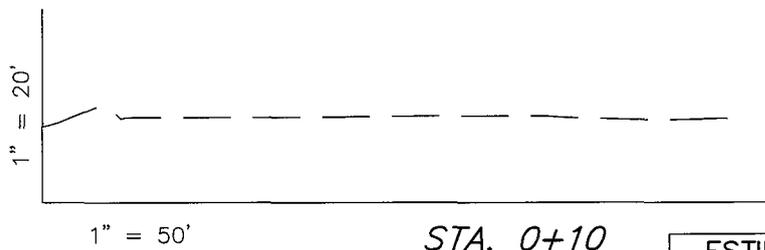
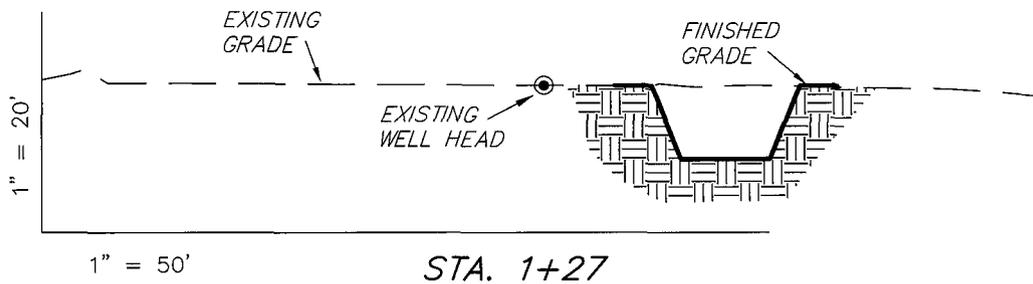
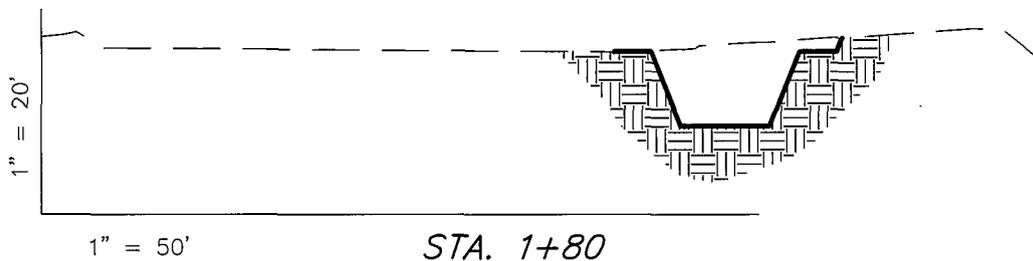
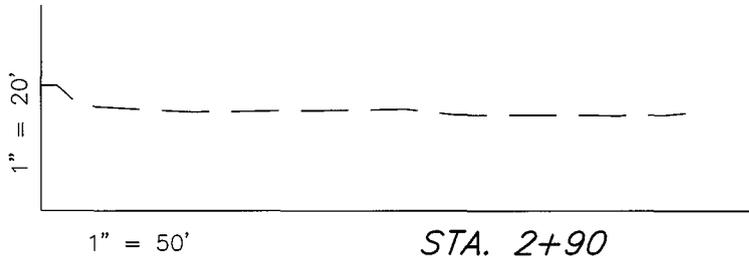
**Tri State** (435) 781-2501  
 Land Surveying, Inc.  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS

PLEASANT VALLEY M-9-9-17 (Proposed Well)

PLEASANT VALLEY 7-9-9-17 (Existing Well)



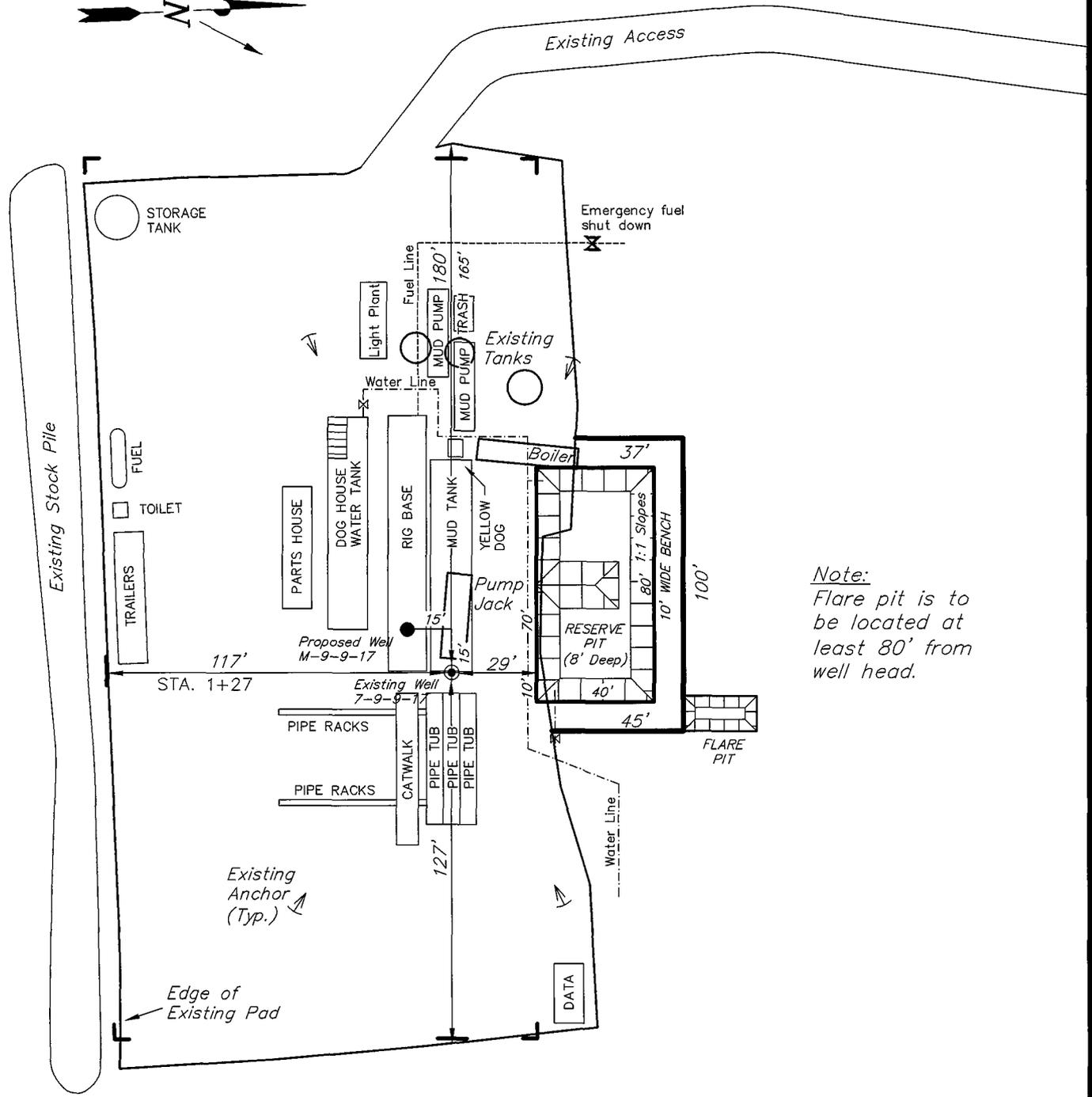
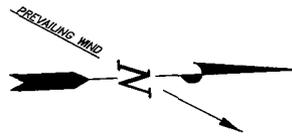
NOTE:  
UNLESS OTHERWISE NOTED  
CUT SLOPES ARE AT 1:1  
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	100	20	Topsoil is not included in Pad Cut	80
PIT	640	0		640
TOTALS	740	20	120	720

SURVEYED BY: R.R.	DATE SURVEYED: 09-11-07
DRAWN BY: F.T.M.	DATE DRAWN: 10-25-07
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**  
**PLEASANT VALLEY M-9-9-17 (Proposed Well)**  
**PLEASANT VALLEY 7-9-9-17 (Existing Well)**



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

SURVEYED BY: R.R.	DATE SURVEYED: 09-11-07
DRAWN BY: F.T.M.	DATE DRAWN: 10-25-07
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

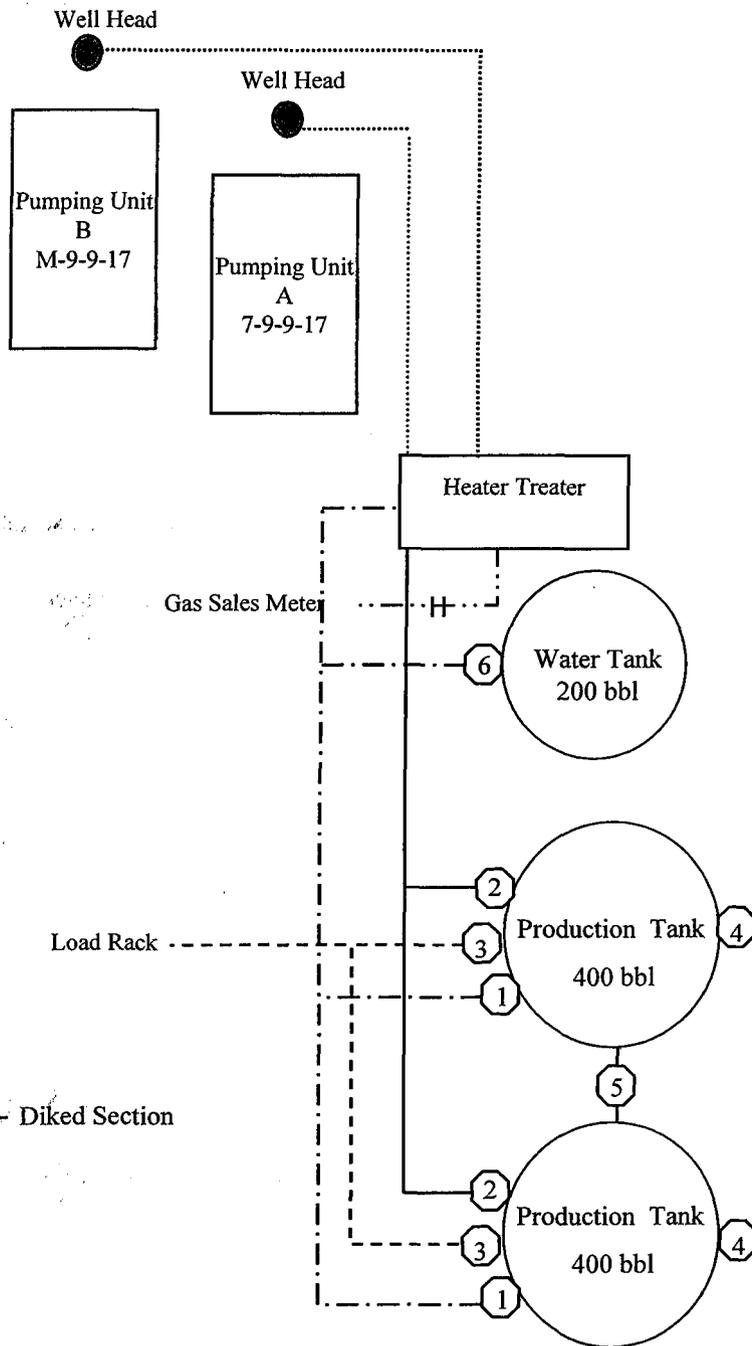
Pleasant Valley Federal M-9-9-17

From the 7-9-9-17 Location

SW/NE Sec. 9 T9S, R17E

Duchesne County, Utah

UTU-50750



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:**

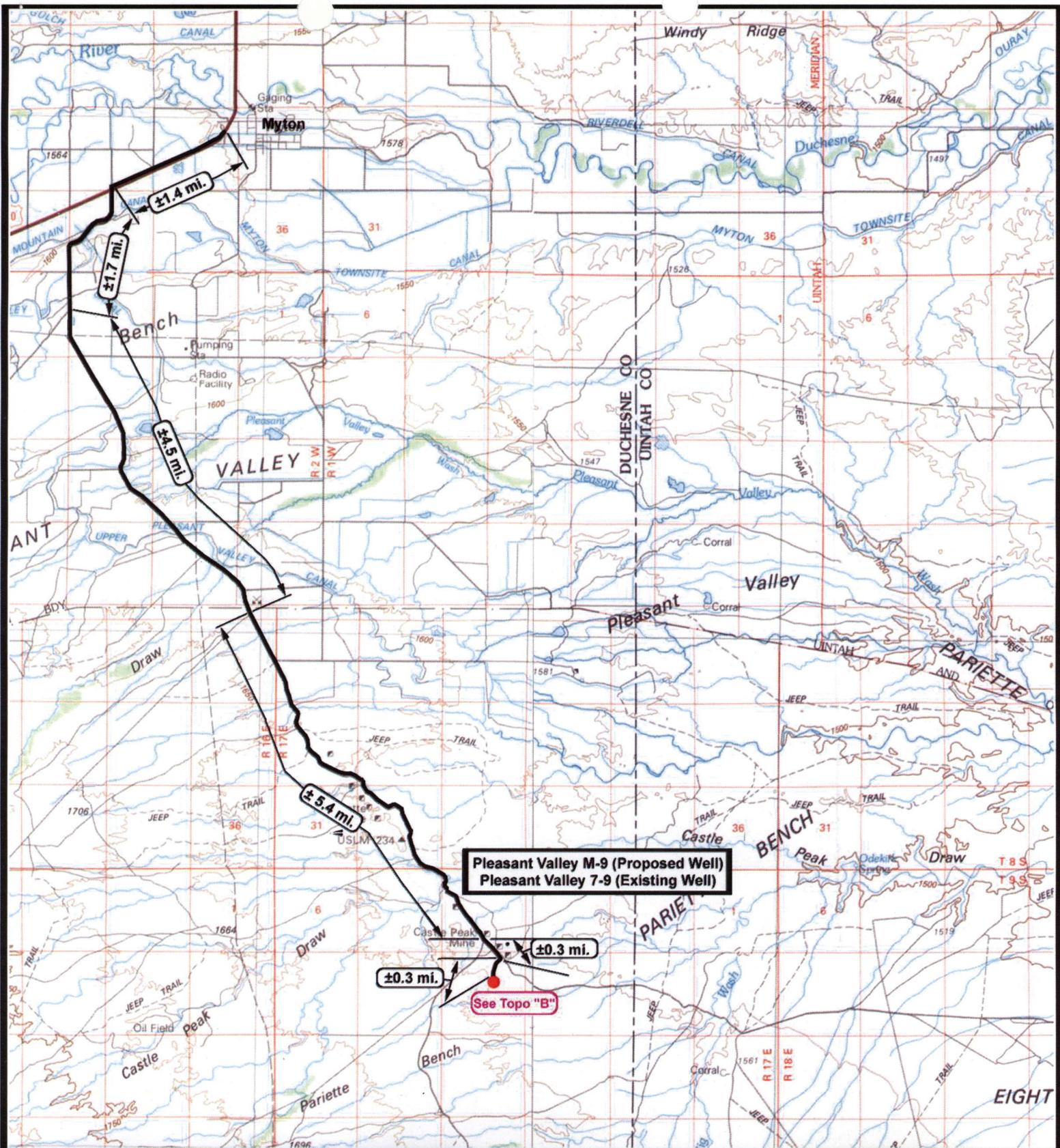
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

**Draining Phase:**

- 1) Valves 1 and 6 open

**Legend**

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



**Pleasant Valley M-9 (Proposed Well)  
Pleasant Valley 7-9 (Existing Well)**

**±0.3 mi.**

**±0.3 mi.**

**±5.4 mi.**

**±4.5 mi.**

**±1.7 mi.**

**±1.4 mi.**

**NEWFIELD**  
Exploration Company

**Pleasant Valley M-9-9-17 (Proposed Well)  
Pleasant Valley 7-9-9-17 (Existing Well)**  
Pad Location: SWNE Sec. 9, T9S, R17E, 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: rlc  
DATE: 11-08-2007

**Legend**

Existing Road

TOPOGRAPHIC MAP

**"A"**



**Pleasant Valley M-9 (Proposed Well)**  
**Pleasant Valley 7-9 (Existing Well)**

**NEWFIELD**  
 Exploration Company

**Pleasant Valley M-9-9-17 (Proposed Well)**  
**Pleasant Valley 7-9-9-17 (Existing Well)**  
 Pad Location: SWNE Sec. 9, T9S, R17E, S.L.B.&M.

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

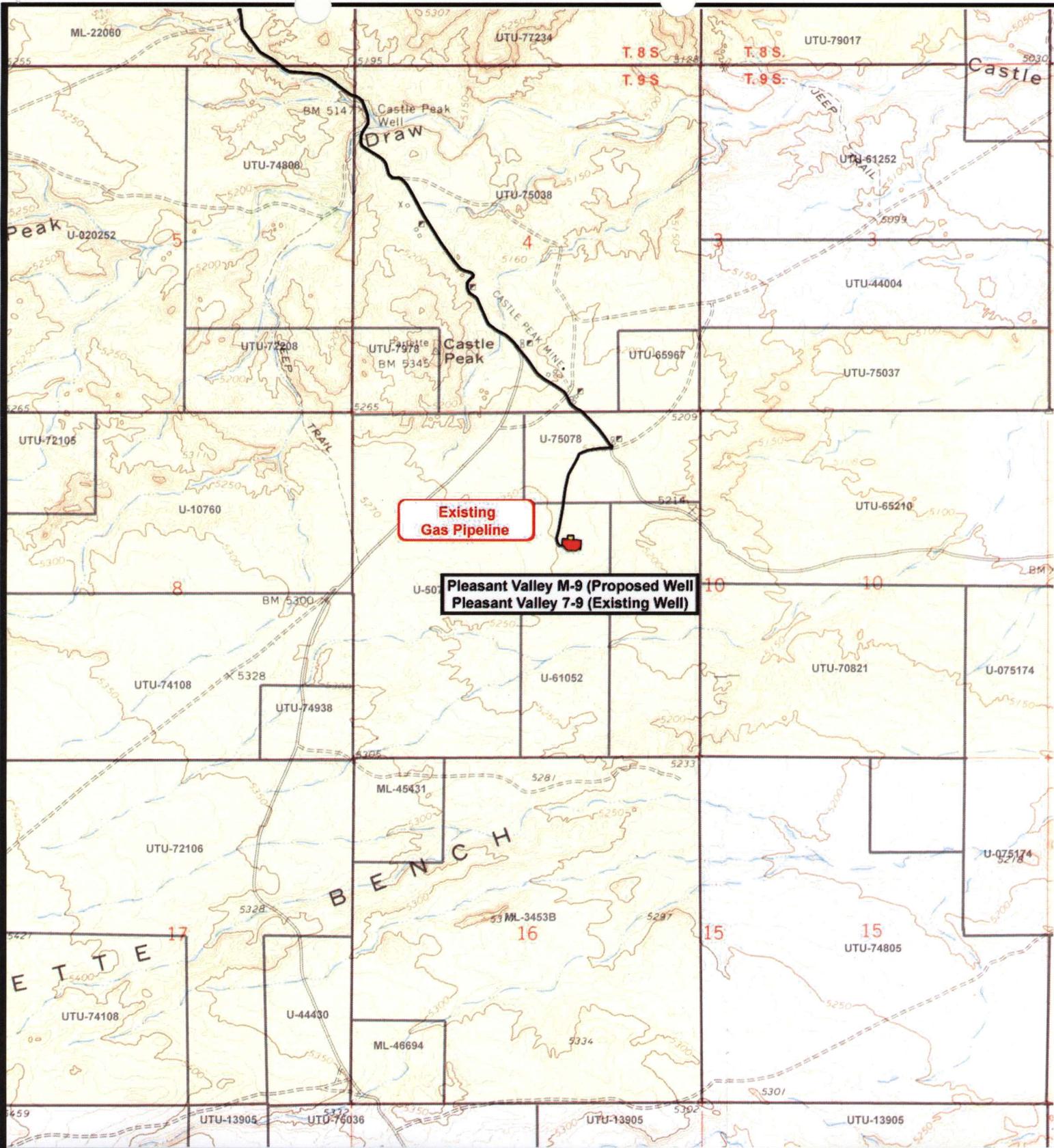
SCALE: 1" = 2,000'  
 DRAWN BY: nlc  
 DATE: 11-08-2007

**Legend**

Existing Road

**TOPOGRAPHIC MAP**

**"B"**




**NEWFIELD**  
Exploration Company

**Pleasant Valley M-9-9-17 (Proposed Well)**  
**Pleasant Valley 7-9-9-17 (Existing Well)**  
Pad Location: SWNE Sec. 9, T9S, R17E, S.L.B.&M.




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

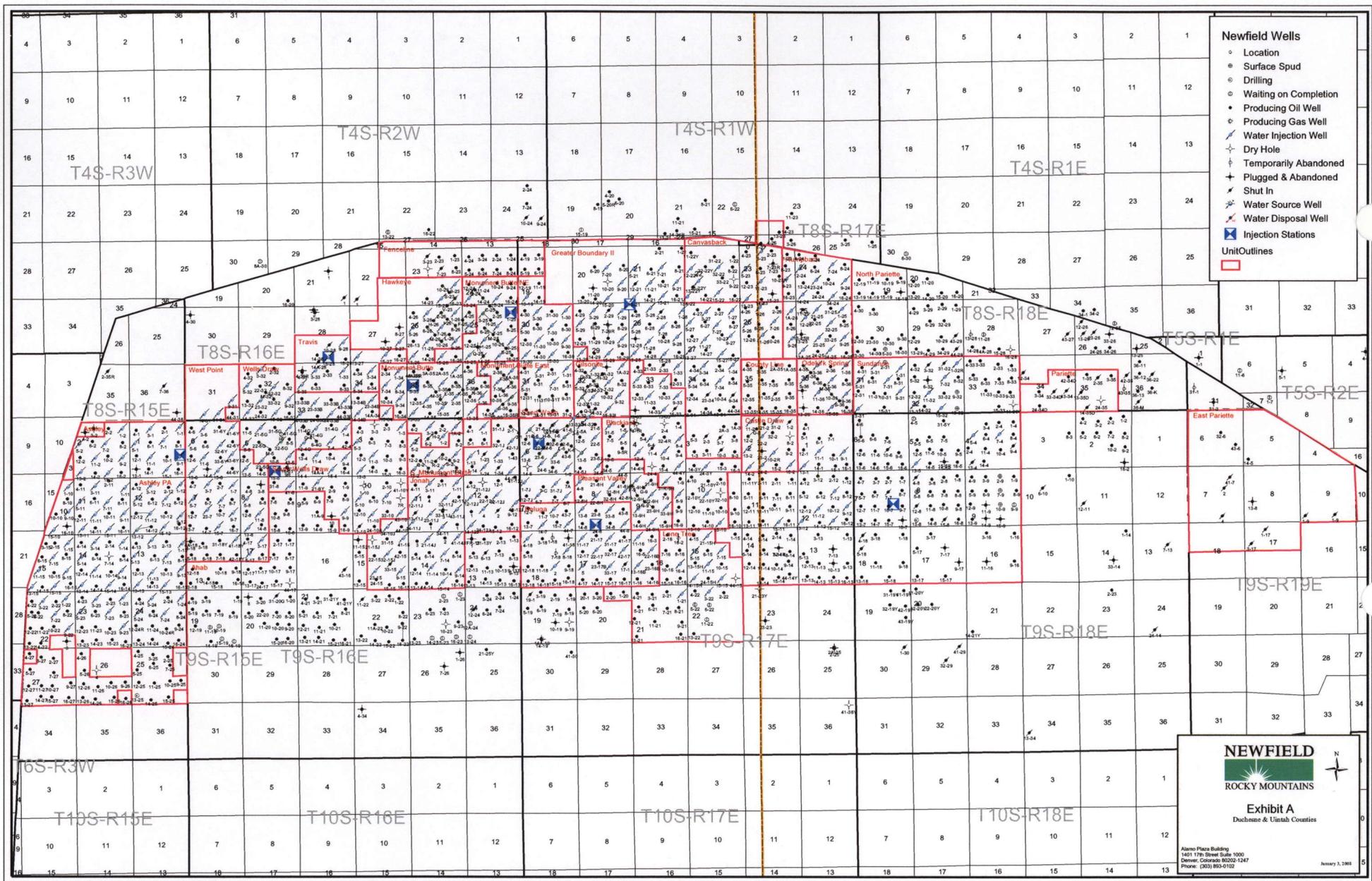
SCALE: 1" = 2,000'  
DRAWN BY: nc  
DATE: 11-08-2007

**Legend**

— Roads

**TOPOGRAPHIC MAP**

**"C"**



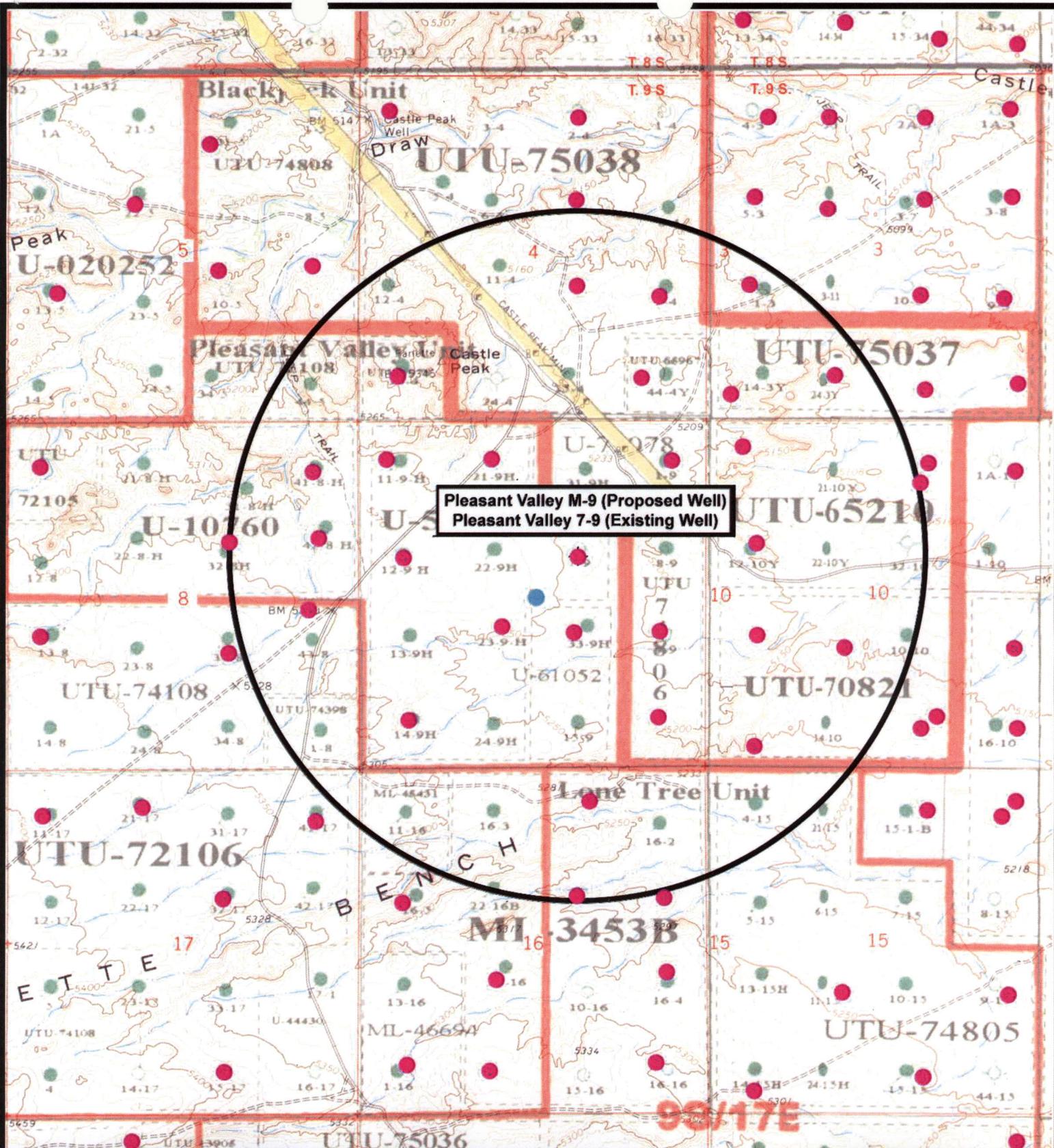
- Newfield Wells**
- Location
  - Surface Spud
  - Drilling
  - Waiting on Completion
  - Producing Oil Well
  - Producing Gas Well
  - Water Injection Well
  - Dry Hole
  - Temporarily Abandoned
  - Plugged & Abandoned
  - Shut In
  - Water Source Well
  - Water Disposal Well
  - Injection Stations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

**NEWFIELD**  
ROCKY MOUNTAINS

Exhibit A  
Duchene & Uintah Counties

Alamo Plaza Building  
1401 17th Street Suite 1000  
Denver, Colorado 80202-1247  
Phone: (303) 855-6102

January 7, 2008



Pleasant Valley M-9 (Proposed Well)  
 Pleasant Valley 7-9 (Existing Well)

**NEWFIELD**  
 Exploration Company

**Pleasant Valley M-9-9-17 (Proposed Well)**  
**Pleasant Valley 7-9-9-17 (Existing Well)**  
 Pad Location: SWNE Sec. 9, T9S, R17E, S.L.B.&M.



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

SCALE: 1" = 2,000'  
 DRAWN BY: nc  
 DATE: 11-08-2007

**Legend**

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

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

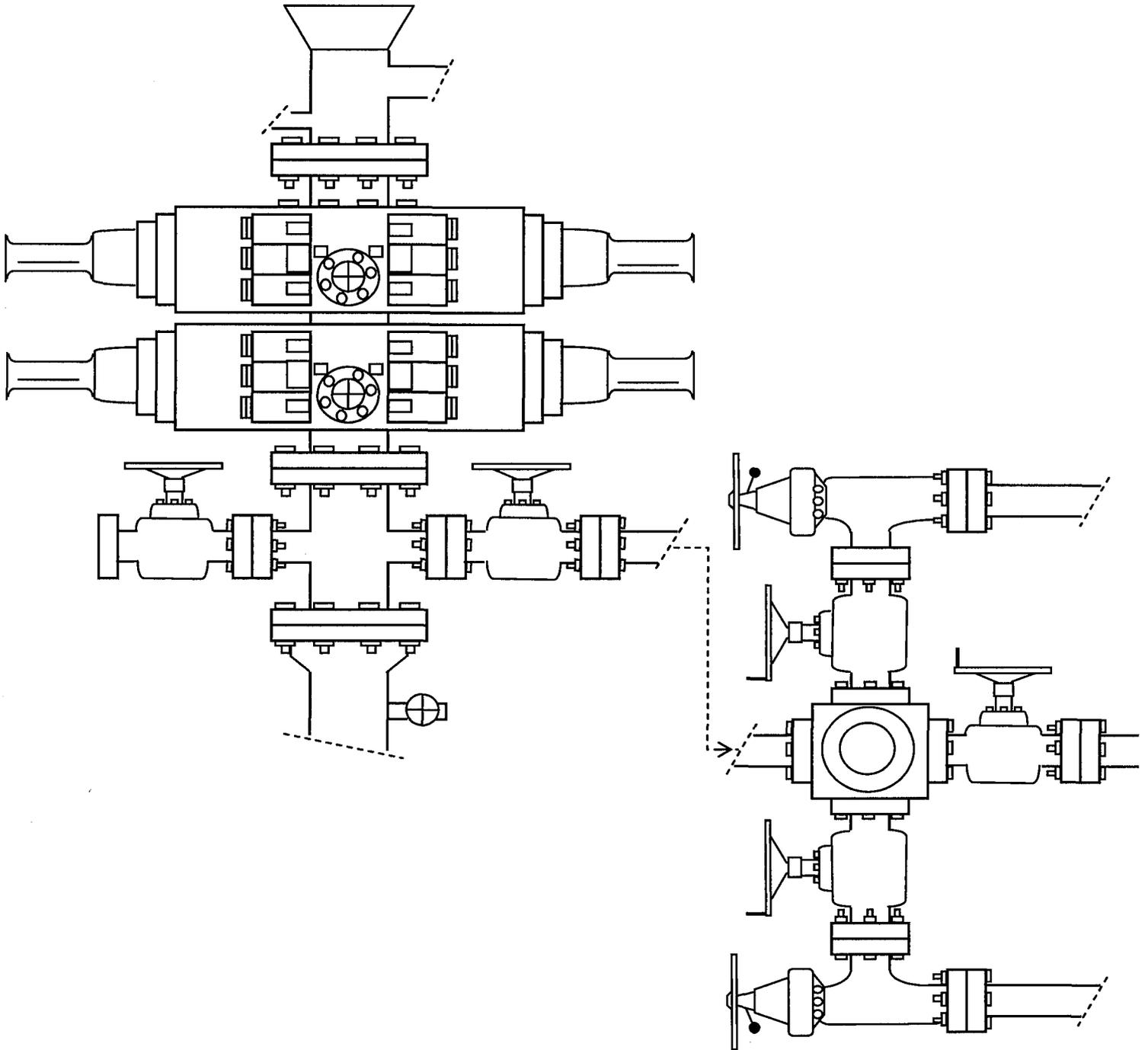


EXHIBIT C

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 01/31/2008

API NO. ASSIGNED: 43-013-33896

WELL NAME: PLEASANT VLY FED M-9-9-17  
 OPERATOR: NEWFIELD PRODUCTION ( N2695 )  
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

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

SE-1111

SWNE 09 090S 170E  
 SURFACE: 1992 FNL 1983 FEL  
 BOTTOM: ~~2565~~ FNL ~~2690~~ FEL  
 COUNTY: <sup>2473</sup> DUCHESNE <sup>2576</sup>  
 LATITUDE: 40.04726 LONGITUDE: -110.0086  
 UTM SURF EASTINGS: 584573 NORTHINGS: 4433263  
 FIELD NAME: MONUMENT BUTTE ( 105 )

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-50750  
 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: PLEASANT VALLEY (GR)
- \_\_\_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- \_\_\_\_\_ R649-3-3. Exception
- Drilling Unit  
Board Cause No: 234-01(A)  
Eff Date: 10-26-2006  
Siting: Suspends General Siting
- R649-3-11. Directional Drill

COMMENTS:

*See Separate DW*

STIPULATIONS:

*r federal approval*





February 12, 2008

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

43-013-33892

RE: Directional Drilling  
**Pleasant Valley Federal M-9-9-17**  
Pleasant Valley Unit  
UTU-74477X  
Surface Hole: T9S R17E, Section 9: SW/4NE/4  
1992' FNL 1983' FEL  
At Target: T9S R17E, Section 9  
2565' FNL 2690' FEL  
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated January 14, 2008, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and target location of this well are both within the boundaries of the Pleasant Valley Federal Unit UTU-74477X. Newfield certifies that it is the Pleasant Valley Unit Operator and all lands within 460 feet of the entire directional well bore are within the Pleasant Valley Unit.

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

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

Sincerely,

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

Roxann Eveland  
Land Associate

RECEIVED  
FEB 19 2008  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

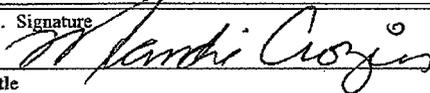
FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

5. Lease Serial No. UTU-50750	
6. If Indian, Allottee or Tribe Name N/A	
7. If Unit or CA Agreement, Name and No. Pleasant Valley Unit	
8. Lease Name and Well No. Pleasant Valley Federal M-9-9-17	
9. API Well No.	
10. Field and Pool, or Exploratory Monument Butte	
11. Sec., T., R., M., or Blk. and Survey or Area Sec. 9, T9S R17E	
12. County or Parish Duchesne	13. State UT
14. Distance in miles and direction from nearest town or post office* Approximatley 13.6 miles southeast of Myton, Utah	15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 40' #/lse, 2690' #/unit
16. No. of Acres in lease 360.00	17. Spacing Unit dedicated to this well 20 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1295'	19. Proposed Depth 6000'
20. BLM/BIA Bond No. on file WYB000493	21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5250' GL
22. Approximate date work will start* 1st 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:

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>1. Well plat certified by a registered surveyor.</li> <li>2. A Drilling Plan.</li> <li>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).</li> </ul> | <ul style="list-style-type: none"> <li>4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).</li> <li>5. Operator certification.</li> <li>6. Such other site specific information and/or plans as may be required by the authorized officer.</li> </ul> |
|--|---|

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 1/14/08
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

FEB 19 2008

DIV. OF OIL, GAS & MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:  
3160  
(UT-922)

April 29, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2008 Plan of Development Pleasant Valley  
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, supplemented by email sent by Mandie Crozier, Newfield Production Company, the following well is planned for calendar year 2008 within the Pleasant Valley Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
43-013-33896	Pleasant Valley Fed	M-9-9-17 Sec 9 T09S R17E 1992 FNL 1983 FEL BHL Sec 9 T09S R17E 2673 FNL 2576 FEL

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

/s/ Michael L. Coulthard

bcc: File - Pleasant Valley Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:4-29-08



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

April 30, 2008

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

Re: Pleasant Valley Federal M-9-9-17 Well, Surface Location 1992' FNL, 1983' FEL, SW NE, Sec. 9, T. 9 South, R. 17 East, Bottom Location 2673' FNL, 2576' FEL, SE NW, Sec. 9, T. 9 South, R. 17 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 43-013-33896.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

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

Operator: Newfield Production Company  
Well Name & Number Pleasant Valley Federal M-9-9-17  
API Number: 43-013-33896  
Lease: UTU-50750

Surface Location: SW NE      Sec. 9      T. 9 South      R. 17 East  
Bottom Location: SE NW      Sec. 9      T. 9 South      R. 17 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

JAN 31 2008

BLM  
OIL APPLICATED  
OWB No. 136  
Expires January 31, 2004

Form 3160-3  
(September 2001)

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-50750	
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. Pleasant Valley Unit	
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Pleasant Valley Federal M-9-9-17	
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43 013 33896	
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SW/NE 1992' FNL 1983' FEL At proposed prod. zone 2673' FNL 2576' FEL <b>SE NW</b>		10. Field and Pool, or Exploratory Monument Butte	
14. Distance in miles and direction from nearest town or post office* Approximatley 13.6 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 9, T9S R17E	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 33' f/lse, 1256' f/unit		12. County or Parish Duchesne	
16. No. of Acres in lease 360.00		13. State UT	
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. 1295'	
19. Proposed Depth 6000'		20. BLM/BIA Bond No. on file WYB000493	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5250" GL		22. Approximate date work will start* 1st Quarter 2008	
23. Estimated duration Approximately seven (7) days from spud to rig release.		24. Attachments	

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

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 2/14/08
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) Terry Kavaka	Date 5-15-2008
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 **CONDITIONS OF APPROVAL ATTACHED**

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

\*(Instructions on reverse)

NOTICE OF APPROVAL

UDOGM

RECEIVED  
MAY 19 2008  
DIV. OF OIL, GAS & MINING

NOS 12/11/07  
08PP 0268A



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

***Surface 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.

***STIPULATIONS:***

None

- Lease Notices from RMP:
  - The lessee/operator is given notice the area has been identified as containing Golden Eagle habitat. Modifications may be required in the Surface Use Plan to protect the Golden and/or its habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
  - The lessee/operator is given notice the area has been identified as containing Ferruginous Hawk habitat. Modifications may be required in the Surface Use Plan to protect the Ferruginous Hawk and/or its habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- Comments:
  - The Diamond Mountain Resource Management Plan has designated the location and surrounding areas as suitable habitat for Mountain Plover; however, the proposed location will be directionally drilled from an existing location. Timing restrictions were not applied to the proposed project.

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

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

Based on the previous field exam and existing data, 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.

CONDITIONS OF APPROVAL:

- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- All pipelines (surface and buried) will be laid within one 50' wide construction ROW, on one side of the road, and will reduce down to a 30' wide permanent ROW on lease.
- **No surface disturbance outside of APD proposal is authorized. If other disturbance is necessary, authorization will be proposed in a sundry notice (Form 3160-5) to BLM Authorized Officer. *Sclerocactus* spp. surveys may be required prior to new surface disturbing activities including pipelines (surface and buried).**
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- To insure impermeability, the reserve pit will be lined with a 16 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- Any hydrocarbons in the reserve pit will be removed **immediately** upon well completion; in accordance with 43 CFR 3162.7-1. Pits must be free of oil and other liquid and solid wastes prior to filling.
- Monument Butte SOP, Section 9.2 - Pit Fencing Minimum Standards - will be strictly adhered to. To include 9.2.2.3 - Corner posts will be cemented and/or braced in such a manner as to keep fence tight at all times.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.

- Reclamation: Interim seed mix

Squirreltail grass	<i>Elymus elymoides</i>	5.0 lbs/acre
Hy-crest Crested wheatgrass	<i>Agropyron cristatum</i>	2.0 lbs/acre
Shadscale saltbush	<i>Atriplex confertifolia</i>	3.0 lbs/acre
Four-wing saltbush	<i>Atriplex canescens</i>	2.0 lbs/acre
Gardner's saltbush	<i>Atriplex gardneri</i>	0.5 lbs/acre

Final reclamation: seed mix: same as interim.

- All pounds are in pure live seed.
  - All seed and mulch will be certified weed free.
  - Drill seeding is the preferred method.
  - Rates are set for drill seeding; double the rate if broadcasting.
  - If broadcasting seed: The seed will be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain.
  - Reseeding may be required if initial seeding is not successful.
- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
  - The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be re-contoured and the topsoil re-spread, and the area shall be seeded in the same manner as the location topsoil.
  - Once the location is plugged and abandoned, it shall be re-contoured to natural topology, topsoil shall be re-spread, and the entire location shall be seeded with a seed mix recommended by the AO (see above). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
  - The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
  - The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.

- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

***DOWNHOLE PROGRAM  
CONDITIONS OF APPROVAL***

**SITE SPECIFIC DOWNHOLE COAs:**

- Logging program: Gamma Ray shall be run 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.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from

KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

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

## OPERATING REQUIREMENT REMINDERS:

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

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

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

# DIVISION OF OIL, GAS AND MINING

## **SPUDDING INFORMATION**

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: PLEASANT VALLEY M-9-9-17

Api No: 43-013-33896 Lease Type: FEDERAL

Section 09 Township 09S Range 17E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

## **SPUDDED:**

Date 08/04/08

Time 8:45 AM

How DRY

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

Reported by SEAN STEVENS

Telephone # (435) 823-1162

Date 08/04/08 Signed CHD

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

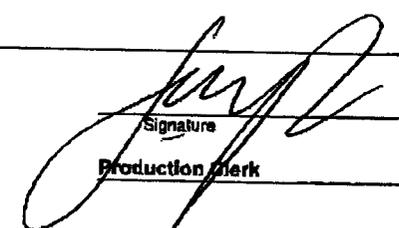
OPERATOR: NEWFIELD PRODUCTION COMPANY  
 ADDRESS: RT. 3 BOX 3630  
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	12277 ✓	4301333883	PLEASANT VALLEY FEDERAL G-8-9-17	SWNW	8	9S	17E	DUCHESNE	7/31/2008	8/14/08
WELL 1 COMMENTS: GRRV BHL = SWNW											
A	99999	17021	4304739659	UTE TRIBAL 12-5-6-2E 12-6-5-2E	NWSW	5	6S	2E	UINTAH	8/1/2008	8/14/08
GRRV											
B	99999	13269	4301333779	SOUTH WELLS DRAW FEDERAL N-10-9-16	NWSW	10	9S	16E	DUCHESNE	8/2/2008	8/14/08
GRRV BHL = NWSW											
B	99999	12277 ✓	4301333896	PLEASANT VALLEY FEDERAL M-9-9-17	SWNE	9	9S	17E	DUCHESNE	8/4/2008	8/14/08
GRRV BHL = SENW.											
A	99999	17022	4304739949	UTE TRIBAL 4-1-5-1E	NWNW	1	5S	1E	DUCHESNE	8/4/2008	8/14/08
WELL 5 COMMENTS: GRRV UINTAH											
B	99999	13269	4301333765	SOUTH WELLS DRAW FEDERAL L-10-9-16	NWSE	10	9S	16E	DUCHESNE	8/6/2008	8/14/08
WELL 6 COMMENTS: GRRV BHL = NWSE											

- ACTION CODES (See instructions on back of form)
- A - reserved for new well (single well only)
  - B - well is existing entity (group or subwell)
  - 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 \_\_\_\_\_  
 Date 08/07/08

DIV OF OIL, GAS & MINING  
 AUG 07 2008  
 RECEIVED

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)  
 1992 FNL 1983 FEL  
 SWNE Section 9 T9S R17E

5. Lease Serial No.  
 USA UTU-50750

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
 PLEASANT VALLEY UNIT

8. Well Name and No.  
 PLEASANT VALLEY FEDERAL M-9-9-17

9. API Well No.  
 4301333896

10. Field and Pool, or Exploratory Area  
 MONUMENT BUTTE

11. County or Parish, State  
 DUCHESNE, UT

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

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

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 4 Aug 2008 MIRU NDSI NS#1. Drill 330' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8-5/8" J-55 24 # csgn. Set @ 325.31' KB.  
 On 7 Aug 2008 cemented with 160 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg & 1.17 cf/sk yield.  
 Returned 5 bbls cement to pit. WOC.

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

Sean Stevens  
 Signature

Title  
 Petroleum Engineer

Date  
 08/07/2008

**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**

**AUG 14 2008**

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.  
USA UTU-50750

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
PLEASANT VALLEY UNIT

8. Well Name and No.  
PLEASANT VALLEY FEDERAL M-9-9-17

9. API Well No.  
4301333896

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
DUCHESNE, UT

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

1. Type of Well  
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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)  
1992 FNL 1983 FEL  
SWNE Section 9 T9S R17E

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

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

While drilling the above mentioned well, the desired directional drift angle went from 220.43 degrees to 116.00 degrees. In order to reach the correct bottom hole location we will need to plug back the well bore 500' from 4335' to 3835' and resume drilling at the correct directional drift angle of 220.43 degrees.

The 500' plug will consist of 17# Class G .99 yield cement.

COPY SENT TO OPERATOR

Date: 9.23.2008

Initials: KS

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

Date: 9/17/08  
By: [Signature]

Federal Approval of This  
Action Is Necessary

I hereby certify that the foregoing is true and correct (Printed/ Typed)  
Ray Herrera  
Signature [Signature]

Title  
Drilling Foreman  
Date  
09/11/2008

**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 \_\_\_\_\_

**RECEIVED**

**SEP 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 and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1992 FNL 1983 FEL  
SWNE Section 9 T9S R17E

5. Lease Serial No.

USA UTU-50750

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
PLEASANT VALLEY UNIT

8. Well Name and No.  
PLEASANT VALLEY FEDERAL M-9-9-17

9. API Well No.  
4301333896

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
DUCHESNE, UT

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

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

While drilling the above mentioned well, the desired directional drift angle went from 220.43 degrees to 168.39 degrees. in order to correct bottom hole location we will to plug back the well bore 830' from 4337' to 3507' & resume drilling at the correct direction drift angle of 220.43

Plug # 1 set at 4337' to 3507' 330 sks of 17 ppg class G cement with .99 yield + 40% excess

**COPY SENT TO OPERATOR**

Date: 10.14.2008

Initials: KS

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

Alvin Nielsen

Signature

*Alvin Nielsen*

Title

Drilling Forman

Date

09/24/2008

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

Approved by

*D. M. Dugan*

Title Pet. Eng.

Date 10/7/08

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 DOG M

Federal Approval Of This  
Action Is Necessary

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SEP 29 2008

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**  
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**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-50750
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or PLEASANT VALLEY UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1992 FNL 1983 FEL SWNE Section 9 T9S R17E		8. Well Name and No. PLEASANT VALLEY FEDERAL M-9-9-17
		9. API Well No. 4301333896
		10. Field and Pool, or Exploratory Area MONUMENT BUTTE
		11. County or Parish, State DUCHESNE, UT

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<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
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Newfield Production Company drilling the Pleasent Valley Federal M-9-9-17 to a depth of 1251'with the wrong directional plan.

Plug # 1 set @ 1251' to 851' 17 ppg with .99 yield + 10% excess

Plug # 2 set @ 851 to 350' 17 ppg with .99 yield + 10% excess

Did work 9/2/2008

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
For Record Only

I hereby certify that the foregoing is true and correct (Printed/ Typed) Justin Crum	Title Drilling foreman
Signature 	Date 09/28/2008

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

Approved by .....	Title	Date
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(Instructions on page 2)

RECEIVED

OCT 02 2008

DIV. OF OIL, GAS & MINING



1009.00	7.03	38.23	1007.91	22.97	7.93	23.18	24.30	19.04	1.01
1041.00	7.71	40.20	1039.65	26.15	10.53	27.28	28.19	21.92	2.27
1072.00	8.09	40.51	1070.35	29.40	13.28	31.53	32.26	24.32	1.23
1103.00	8.72	35.90	1101.02	32.96	16.08	36.06	36.67	26.01	2.97
1134.00	9.01	34.62	1131.65	36.86	18.84	40.83	41.39	27.07	1.13
1166.00	9.98	34.98	1163.21	41.19	21.85	46.11	46.63	27.94	3.04

PAGE - 1

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical CLOSURE Section FT	CLOSURE Distance FT	CLOSURE Direction Deg	Dogleg Severity Deg/100
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
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FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

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                   435.646.3721

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8. Well Name and No.  
 PLEASANT VALLEY FEDERAL M-9-9-17

9. API Well No.  
 4301333896

10. Field and Pool, or Exploratory Area  
 MONUMENT BUTTE

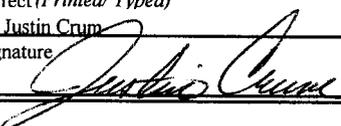
11. County or Parish, State  
 DUCHESNE, UT

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<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	

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On 8/30/08 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6000'. 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, 139 jt's of 5.5 J-55, 15.5# csgn. Set @ 5982' / KB. Cement with 350 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 55 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 110,000 #'s tension. Release rig @ 4:30 AM on 9/19/08.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Justin Crum	Title Drilling Foreman
Signature 	Date 09/29/2008

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

Approved by .....	Title	Date
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(Instructions on page 2)

**RECEIVED**

**OCT 02 2008**

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

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5982.94

Flt clr @ 5949.49

LAST CASING 8 5/8" SET AT 325  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING 12'  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 6000' Logger 5988'  
 HOLE SIZE 7 7/8"

OPERATOR Newfield Production Company  
 WELL Pleasant Valley Federal M-9-9-17  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # NDSI # 1

**LOG OF CASING STRING:**

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		<b>5.77 set @ 3964'</b>					
<b>138</b>	<b>5 1/2"</b>	ETC LT & C casing	<b>15.5#</b>	<b>J-55</b>	<b>8rd</b>	<b>A</b>	5949.49
		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>	20.2
		<b>GUIDE</b> shoe			<b>8rd</b>	<b>A</b>	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5984.94
TOTAL LENGTH OF STRING		5984.94	139	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		262.52	6	CASING SET DEPTH			<b>5982.94</b>
TOTAL		<b>6232.21</b>	145	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6232.21	145				
TIMING		1ST STAGE	2nd STAGE	GOOD CIRC THRU JOB			yes
BEGIN RUN CSG.		9/18/2008	4:00 PM	Bbls CMT CIRC TO SURFACE			55
CSG. IN HOLE		9/18/2008	9:00 PM	RECIPROCATED PIPE FOR			THRUSTROKE NO
BEGIN CIRC		9/18/2008	9:00 PM	DID BACK PRES. VALVE HOLD ?			yes
BEGIN PUMP CMT		9/18/2008	10:29 PM	BUMPED PLUG TO			1400 PSI
BEGIN DSPL. CMT		9/18/2008	11:30 PM				
PLUG DOWN		<b>9/18/2008</b>	<b>11:53</b>				
CEMENT USED		<b>B. J.</b>					
STAGE	# SX						
1	350	Premlite II w/ 10% gel + 3 % KCL, 3#'s /sk CSE + 2# sk/kolseal + 1/2#'s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.49 cf/sk yield					
2	450	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Justin Crum

DATE 9/18/2008

(See other instructions on reverse side)

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

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

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

5. LEASE DESIGNATION AND SERIAL NO.

**UTU-50750**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

**PLEASANT VALLEY**

8. FARM OR LEASE NAME, WELL NO.

PLEASANT VALLEY FEDERAL M-9-9-17

9. WELL NO.

**43-013-33896**

10. FIELD AND POOL OR WILDCAT

**Monument Butte**

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

**Sec. 9, T9S, R17E**

1a. TYPE OF WORK

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

1b. TYPE OF WELL

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

2. NAME OF OPERATOR

**Newfield Exploration Company**

3. ADDRESS AND TELEPHONE NO.

**1401 17th St. Suite 1000 Denver, CO 80202**

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

At Surface **1992' FNL & 1983' FEL (SW/NE) Sec. 9, T9S, R17E**

At top prod. Interval reported below

At total depth

**2638 fnl 2614 fel**

*per HSM review*

14. API NO.

**43-013-33896**

DATE ISSUED

**4/30/08**

12. COUNTY OR PARISH

**Duchesne**

13. STATE

**UT**

15. DATE SPUNDED

**8/4/08**

16. DATE T.D. REACHED

**9/18/08**

17. DATE COMPL. (Ready to prod.)

**10/16/08**

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

**5250' GL**

**5262' KB**

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

**5988' 5911**

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

**5907' 5924**

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

----->

ROTARY TOOLS

**X**

CABLE TOOLS

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

**Green River 4700-5790'**

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

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

27. WAS WELL CORED

No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	325.31'	12-1/4"	To surface with 160 sx Class "C" cmt	
5-1/2" - J-55	15.5#	5982.94'	7-7/8"	350 sx Premlite II and 475 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	EOT @ 5850.60'	TA @ 5722.64'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP5) 5784-5790'	.49"	4/24	5784-5790	Frac w/ 24813# 20/40 sand in 373 bbls fluid
(CP4) 5680-5698'	.49"	4/72	5680-5698'	Frac w/ 44726# 20/40 sand in 459 bbls fluid
(CP2) 5554-62' & (CP1) 5506-20'	.49"	4/88	5506-5562'	Frac w/ 60364# 20/40 sand in 521 bbls fluid
(A3) 5512-5140'	.49"	4/72	5512-5140'	Frac w/ 39923# 20/40 sand in 422 bbls fluid
(B2) 4940-50', 4956-60'	.49"	4/56	4940-4960'	Frac w/ 40402# 20/40 sand in 406 bbls fluid
(C) 4794-4804'	.49"	4/40	4798-4804'	Frac w/ 24680# 20/40 sand in 359 bbls fluid
(D2) 4700-4712'	.49"	4/48	4700-4712'	Frac w/ 38597# 20/40 sand in 381 bbls fluid

33.\* PRODUCTION

DATE FIRST PRODUCTION <b>10/16/08</b>	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) <b>2-1/2" x 1-3/4" x 20' RHAC Pump w/ SM Plunger</b>			WELL STATUS (Producing or shut-in) <b>PRODUCING</b>		
DATE OF TEST <b>10/21/08</b>	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL. <b>61</b>	GAS--MCF. <b>22</b>	WATER--BBL. <b>121</b>
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO <b>361</b>

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

**Sold & Used for Fuel**

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED Tammi Lee TITLE Production Clerk DATE 10/22/2008

**RECEIVED**

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

**OCT 27 2008**

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	TOP
				MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name <b>PLEASANT VALLEY FEDERAL M-9-9-17</b>	Garden Gulch Mkr 3641'	
				Garden Gulch 1 3832'	
				Garden Gulch 2 3951'	
				Point 3 Mkr 4210'	
				X Mkr 4452'	
				Y-Mkr 4491'	
				Douglas Creek Mkr 4619'	
				BiCarbonate Mkr 4854'	
				B Limestone Mkr 4981'	
				Castle Peak 5454'	
				Basal Carbonate 5887'	
				Total Depth (LOGGERS) 5989'	

**NEWFIELD**



# **NEWFIELD EXPLORATION**

**USGS Myton SW (UT)**

**SECTION 9**

**M-9-9-17**

**Wellbore #1**

**Design: Wellbore #1**

## **Standard Survey Report**

**19 September, 2008**

**HATHAWAY HB BURNHAM**  
DIRECTIONAL & MWD SERVICES



# Hathaway Burnham

## Survey Report



**Company:** NEWFIELD EXPLORATION  
**Project:** USGS Myton SW (UT)  
**Site:** SECTION 9  
**Well:** M-9-9-17  
**Wellbore:** Wellbore #1  
**Design:** Wellbore #1

**Local Co-ordinate Reference:** Well M-9-9-17  
**TVD Reference:** M-9-9-17 @ 5262.00ft (KB ELEVATION)  
**MD Reference:** M-9-9-17 @ 5262.00ft (KB ELEVATION)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.21 Single User Db

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

<b>Site</b>	SECTION 9, SEC 9, T9S, R17E				
<b>Site Position:</b>		<b>Northing:</b>	7,188,759.15ft	<b>Latitude:</b>	40.045487
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,057,063.19ft	<b>Longitude:</b>	-110.011645
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	in	<b>Grid Convergence:</b>	0.95 °

<b>Well</b>	M-9-9-17, SHL LAT:40 02 50.04, LONG:110 00 33.35					
<b>Well Position</b>	<b>+N/-S</b>	0.02 ft	<b>Northing:</b>	7,189,406.16 ft	<b>Latitude:</b>	40.047233
	<b>+E/-W</b>	-0.02 ft	<b>Easting:</b>	2,057,719.17 ft	<b>Longitude:</b>	-110.009264
<b>Position Uncertainty</b>		0.00 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	0.00 ft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination</b>	<b>Dip Angle</b>	<b>Field Strength</b>
	IGRF200510	7/30/2008	(°)	(°)	(nT)
			11.65	65.89	52,591

<b>Design</b>	Wellbore #1				
<b>Audit Notes:</b>					
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD)</b>	<b>+N/-S</b>	<b>+E/-W</b>	<b>Direction</b>	
	(ft)	(ft)	(ft)	(°)	
	5,200.00	0.02	-0.02	226.32	

<b>Survey Program</b>	Date 9/19/2008				
<b>From</b>	<b>To</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
(ft)	(ft)				
458.00	5,994.00	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.02	-0.02	0.00	0.00	0.00	0.00
458.00	1.58	220.40	457.94	-4.79	-4.11	6.28	0.34	0.34	0.00
489.00	2.99	213.51	488.92	-5.79	-4.83	7.49	4.63	4.55	-22.23
520.00	3.34	214.98	519.87	-7.20	-5.80	9.17	1.16	1.13	4.74
550.00	3.67	217.18	549.81	-8.69	-6.88	10.97	1.19	1.10	7.33
581.00	3.60	219.20	580.75	-10.23	-8.09	12.92	0.47	-0.23	6.52
612.00	3.67	216.92	611.69	-11.78	-9.30	14.86	0.52	0.23	-7.35
673.00	4.44	223.95	672.54	-15.04	-12.12	19.15	1.50	1.26	11.52
704.00	4.75	224.65	703.44	-16.82	-13.85	21.63	1.02	1.00	2.26
734.00	5.34	225.22	733.32	-18.68	-15.71	24.27	1.97	1.97	1.90
765.00	5.62	223.20	764.18	-20.81	-17.78	27.23	1.10	0.90	-6.52
796.00	5.76	225.84	795.03	-23.00	-19.93	30.30	0.96	0.45	8.52
827.00	5.62	224.85	825.87	-25.16	-22.12	33.37	0.55	-0.45	-3.19



Company: NEWFIELD EXPLORATION  
 Project: USGS Myton SW (UT)  
 Site: SECTION 9  
 Well: M-9-9-17  
 Wellbore: Wellbore #1  
 Design: Wellbore #1

Local Co-ordinate Reference: Well M-9-9-17  
 TVD Reference: M-9-9-17 @ 5262.00ft (KB ELEVATION)  
 MD Reference: M-9-9-17 @ 5262.00ft (KB ELEVATION)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature  
 Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
858.00	5.87	227.58	856.72	-27.30	-24.36	36.47	1.19	0.81	8.81
921.00	6.92	229.80	919.32	-31.92	-29.64	43.48	1.71	1.67	3.52
952.00	7.12	228.93	950.09	-34.39	-32.51	47.26	0.73	0.65	-2.81
983.00	6.94	228.30	980.86	-36.90	-35.36	51.06	0.63	-0.58	-2.03
1,014.00	7.12	229.71	1,011.63	-39.39	-38.22	54.84	0.80	0.58	4.55
1,045.00	6.97	228.34	1,042.39	-41.88	-41.09	58.64	0.73	-0.48	-4.42
1,076.00	6.99	229.73	1,073.16	-44.35	-43.94	62.41	0.55	0.06	4.48
1,108.00	6.88	228.50	1,104.93	-46.88	-46.86	66.26	0.58	-0.34	-3.84
1,139.00	6.94	228.39	1,135.70	-49.35	-49.65	69.99	0.20	0.19	-0.35
1,170.00	7.56	226.87	1,166.45	-51.99	-52.54	73.90	2.09	2.00	-4.90
1,202.00	7.95	227.22	1,198.16	-54.93	-55.70	78.22	1.23	1.22	1.09
1,233.00	7.71	227.38	1,228.87	-57.80	-58.80	82.44	0.78	-0.77	0.52
1,264.00	7.93	226.10	1,259.58	-60.69	-61.87	86.66	0.91	0.71	-4.13
1,296.00	8.24	224.41	1,291.27	-63.86	-65.07	91.16	1.22	0.97	-5.28
1,327.00	8.68	223.31	1,321.93	-67.15	-68.23	95.72	1.51	1.42	-3.55
1,358.00	8.50	222.30	1,352.58	-70.54	-71.37	100.34	0.76	-0.58	-3.26
1,389.00	8.70	220.68	1,383.23	-74.01	-74.44	104.96	1.01	0.65	-5.23
1,421.00	8.83	219.99	1,414.86	-77.73	-77.60	109.80	0.52	0.41	-2.16
1,452.00	8.73	220.39	1,445.50	-81.35	-80.65	114.51	0.38	-0.32	1.29
1,483.00	9.18	217.38	1,476.12	-85.10	-83.68	119.29	2.10	1.45	-9.71
1,515.00	9.21	216.76	1,507.71	-89.18	-86.76	124.34	0.32	0.09	-1.94
1,549.00	10.13	216.98	1,541.22	-93.75	-90.19	129.97	2.71	2.71	0.65
1,577.00	10.06	216.30	1,568.79	-97.69	-93.12	134.81	0.49	-0.25	-2.43
1,609.00	10.40	219.80	1,600.28	-102.16	-96.62	140.43	2.21	1.06	10.94
1,640.00	10.44	219.91	1,630.77	-106.47	-100.21	146.00	0.14	0.13	0.35
1,671.00	10.66	220.83	1,661.25	-110.79	-103.89	151.65	0.89	0.71	2.97
1,702.00	10.48	219.17	1,691.72	-115.14	-107.55	157.30	1.14	-0.58	-5.35
1,734.00	10.90	219.82	1,723.16	-119.72	-111.32	163.19	1.37	1.31	2.03
1,765.00	11.28	219.71	1,753.59	-124.31	-115.14	169.12	1.23	1.23	-0.35
1,796.00	11.34	219.84	1,783.98	-128.98	-119.03	175.16	0.21	0.19	0.42
1,829.00	11.43	224.21	1,816.34	-133.82	-123.38	181.65	2.63	0.27	13.24
1,858.00	11.18	224.17	1,844.77	-137.89	-127.35	187.33	0.86	-0.86	-0.14
1,889.00	11.71	223.86	1,875.16	-142.32	-131.62	193.48	1.72	1.71	-1.00
1,921.00	12.13	225.59	1,906.47	-147.01	-136.27	200.08	1.72	1.31	5.41
1,952.00	12.24	225.07	1,936.77	-151.61	-140.93	206.63	0.50	0.35	-1.68
1,983.00	12.36	224.70	1,967.06	-156.29	-145.59	213.23	0.46	0.39	-1.19
2,014.00	12.30	224.40	1,997.34	-161.01	-150.23	219.84	0.28	-0.19	-0.97
2,107.00	11.41	227.17	2,088.36	-174.34	-163.91	238.94	1.14	-0.96	2.98
2,201.00	12.26	221.64	2,180.36	-188.12	-177.36	258.19	1.51	0.90	-5.88
2,294.00	12.35	222.54	2,271.22	-202.83	-190.64	277.95	0.23	0.10	0.97
2,389.00	11.62	226.21	2,364.15	-216.93	-204.42	297.66	1.11	-0.77	3.86
2,482.00	10.81	225.15	2,455.38	-229.56	-217.36	315.74	0.90	-0.87	-1.14
2,576.00	9.60	225.15	2,547.89	-241.31	-229.17	332.39	1.29	-1.29	0.00
2,670.00	11.05	235.84	2,640.37	-251.90	-242.18	349.12	2.55	1.54	11.37
2,763.00	11.49	234.87	2,731.58	-262.23	-257.13	367.07	0.52	0.47	-1.04
2,826.00	11.01	232.74	2,793.37	-269.49	-267.05	379.25	1.01	-0.76	-3.38
2,919.00	11.69	232.08	2,884.55	-280.65	-281.55	397.45	0.74	0.73	-0.71
3,012.00	12.26	229.68	2,975.53	-292.83	-296.52	416.68	0.81	0.61	-2.58
3,105.00	11.54	229.36	3,066.53	-305.28	-311.10	435.83	0.78	-0.77	-0.34
3,199.00	12.22	228.34	3,158.51	-318.02	-325.67	455.16	0.76	0.72	-1.09
3,293.00	10.81	224.78	3,250.62	-330.89	-339.31	473.91	1.68	-1.50	-3.79
3,386.00	12.13	224.39	3,341.76	-344.06	-352.29	492.40	1.42	1.42	-0.42
3,480.00	11.69	222.48	3,433.74	-358.14	-365.63	511.77	0.63	-0.47	-2.03
3,574.00	11.14	220.43	3,525.88	-372.08	-377.95	530.31	0.73	-0.59	-2.18



# Hathaway Burnham

## Survey Report



**Company:** NEWFIELD EXPLORATION  
**Project:** USGS Myton SW (UT)  
**Site:** SECTION 9  
**Well:** M-9-9-17  
**Wellbore:** Wellbore #1  
**Design:** Wellbore #1

**Local Co-ordinate Reference:** Well M-9-9-17  
**TVD Reference:** M-9-9-17 @ 5262.00ft (KB ELEVATION)  
**MD Reference:** M-9-9-17 @ 5262.00ft (KB ELEVATION)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.21 Single User Db

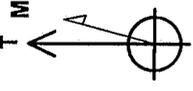
### Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
3,667.00	12.35	223.40	3,616.93	-386.14	-390.61	549.18	1.45	1.30	3.19
3,761.00	13.45	229.49	3,708.56	-400.55	-405.83	570.13	1.86	1.17	6.48
3,854.00	12.50	229.79	3,799.19	-414.07	-421.74	590.98	1.02	-1.02	0.32
3,948.00	12.02	228.30	3,891.04	-427.15	-436.82	610.91	0.61	-0.51	-1.59
4,042.00	11.10	227.15	3,983.13	-439.82	-450.76	629.74	1.01	-0.98	-1.22
4,135.00	10.52	225.91	4,074.48	-451.81	-463.42	647.19	0.67	-0.62	-1.33
4,229.00	10.15	225.31	4,166.96	-463.61	-475.47	664.05	0.41	-0.39	-0.64
4,323.00	9.73	225.36	4,259.55	-475.01	-487.01	680.27	0.45	-0.45	0.05
4,417.00	9.38	224.85	4,352.24	-486.03	-498.07	695.87	0.38	-0.37	-0.54
4,511.00	10.42	225.03	4,444.84	-497.46	-509.48	712.03	1.11	1.11	0.19
4,604.00	9.98	225.18	4,536.37	-509.09	-521.15	728.49	0.47	-0.47	0.16
4,698.00	9.29	223.71	4,629.04	-520.31	-532.17	744.22	0.78	-0.73	-1.56
4,791.00	8.50	229.99	4,720.93	-530.16	-542.62	758.57	1.34	-0.85	6.75
4,885.00	9.30	229.30	4,813.80	-539.58	-553.70	773.09	0.86	0.85	-0.73
4,978.00	9.01	232.12	4,905.61	-548.95	-565.15	787.84	0.57	-0.31	3.03
5,071.00	8.33	230.50	4,997.55	-557.71	-576.09	801.81	0.78	-0.73	-1.74
5,165.00	8.06	230.88	5,090.59	-566.20	-586.46	815.17	0.29	-0.29	0.40
5,258.00	7.71	229.62	5,182.71	-574.35	-596.27	827.89	0.42	-0.38	-1.35
5,275.36	7.92	228.23	5,199.91	-575.90	-598.05	830.25	1.63	1.22	-8.01
<b>M-9-9-17 TGT</b>									
5,352.00	8.90	222.90	5,275.72	-583.76	-606.02	841.45	1.63	1.28	-6.95
5,456.00	9.54	223.86	5,378.38	-595.87	-617.47	858.09	0.63	0.62	0.92
5,539.00	8.94	226.81	5,460.30	-605.24	-626.94	871.41	0.92	-0.72	3.55
5,633.00	8.17	229.07	5,553.26	-614.62	-637.31	885.38	0.89	-0.82	2.40
5,723.00	7.82	231.11	5,642.38	-622.65	-646.91	897.87	0.50	-0.39	2.27
5,820.00	8.53	229.79	5,738.40	-631.44	-657.54	911.63	0.76	0.73	-1.36
5,914.00	7.71	233.51	5,831.45	-639.69	-667.93	924.84	1.04	-0.87	3.96
5,944.00	7.32	233.86	5,861.19	-642.02	-671.09	928.74	1.31	-1.30	1.17
5,994.00	6.67	234.44	5,910.82	-645.58	-676.03	934.77	1.31	-1.30	1.16

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

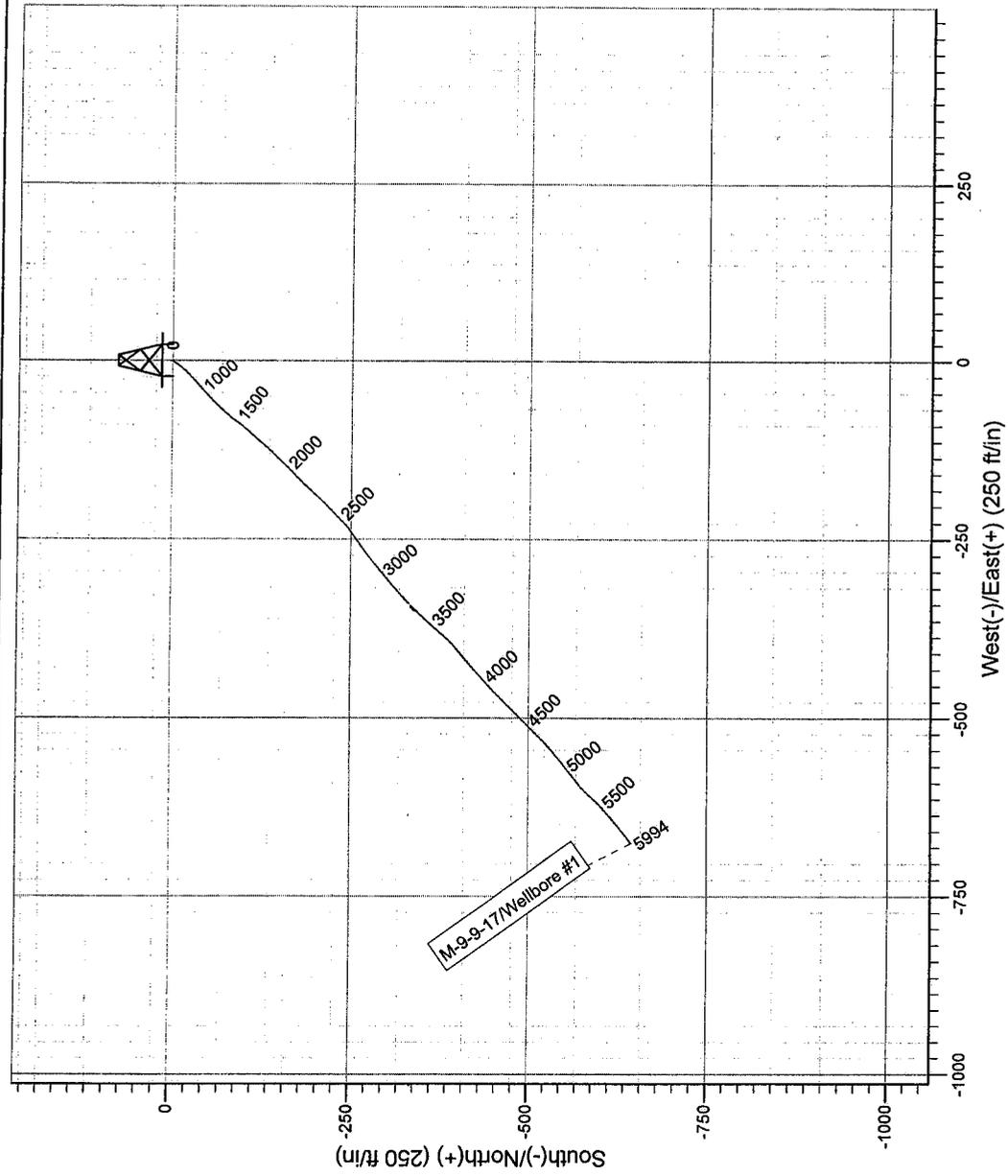
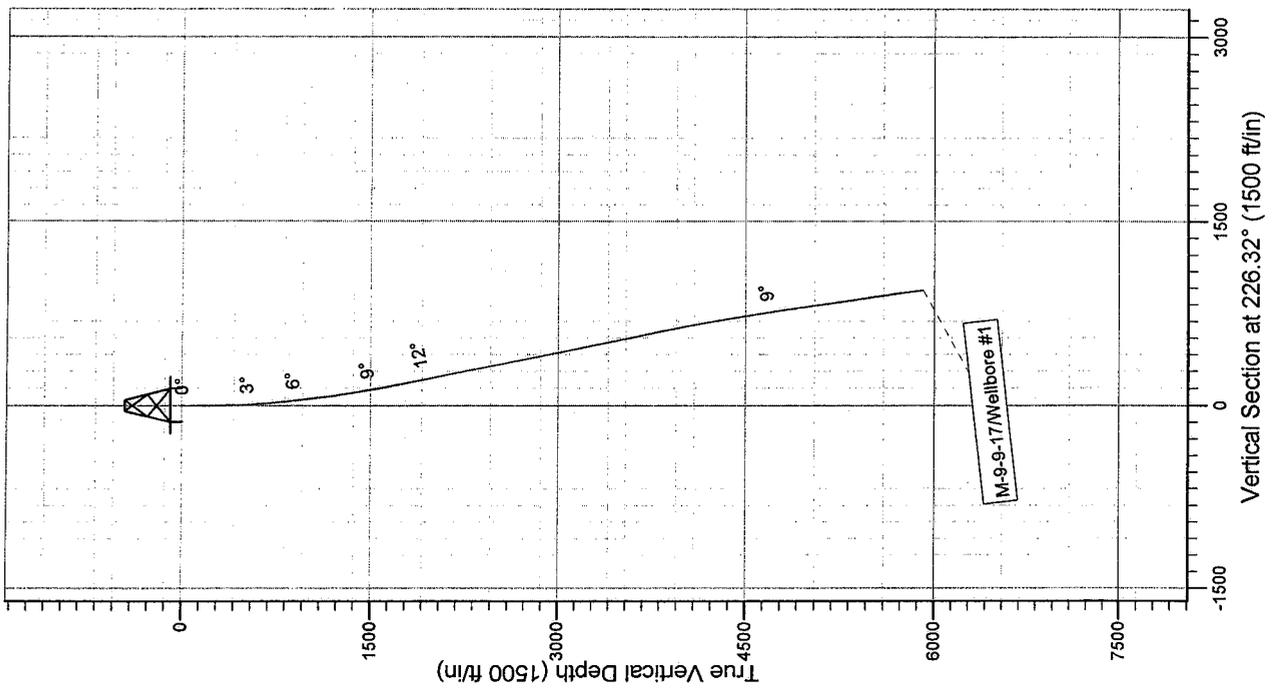


Project: USGS Myton SW (UT)  
 Site: SECTION 9  
 Well: M-9-9-17  
 Wellbore: Wellbore #1  
 Design: Wellbore #1



Azimuths to True North  
 Magnetic North: 11.65°  
 Magnetic Field  
 Strength: 52591.1snT  
 Dip Angle: 65.89°  
 Date: 7/30/2008  
 Model: IGRF200510

FINAL SURVEY REPORT



Design: Wellbore #1 (M-9-9-17/Wellbore #1)

Created By: *Tom Hudson*

Date: 14:24, September 19 2008

THIS SURVEY IS CORRECT TO THE BEST OF MY  
 KNOWLEDGE AND IS SUPPORTED BY ACTUAL  
 FIELD DATA.



H        HEADER    INFORMATION -----  
 H        COMPANY :            NEWFIELD    EXPLORATION  
 H        FIELD    :            USGS        Myton    SW        (UT)  
 H        SITE     :            SECTION            9  
 H        WELL     :            M-9-9-17  
 H        WELLPATH Wellbore    #1  
 H        DEPTHUNT ft  
 H        SURVDATE    9/19/2008  
 H        DECLINATIO CORR.  
 H        =                    10.69 TO            GRIDH-----

H        WELL    INFORMATION  
 H        WELL    EW            MAP        :            2057719  
 H        WELL    NS            MAP        :            7189406  
 H        DATUM    ELEVN        :            5262  
 H        VSECT    ANGLE        :            226.32  
 H        VSECT    NORTH        :            0.02  
 H        VSECT    EAST         :            -0.02

H-----  
 H        SURVEY    TYPE            INFORMATION  
 H                    458 -            5994 SURVEY    #1        :            MWD  
 H-----

H	SURVEY	LIST						
MD	INC	AZI	TVD	NS	EW	VS	DLS	
	0	0	0	0	0.02	-0.02	0	0
	458	1.58	220.4	457.94	-4.79	-4.11	6.28	0.34
	489	2.99	213.51	488.92	-5.79	-4.83	7.49	4.63
	520	3.34	214.98	519.87	-7.2	-5.8	9.17	1.16
	550	3.67	217.18	549.81	-8.69	-6.88	10.97	1.19
	581	3.6	219.2	580.75	-10.23	-8.09	12.92	0.47
	612	3.67	216.92	611.69	-11.78	-9.3	14.86	0.52
	673	4.44	223.95	672.54	-15.04	-12.12	19.15	1.5
	704	4.75	224.65	703.44	-16.82	-13.85	21.63	1.02
	734	5.34	225.22	733.32	-18.68	-15.71	24.27	1.97
	765	5.62	223.2	764.18	-20.81	-17.78	27.23	1.1
	796	5.76	225.84	795.03	-23	-19.93	30.3	0.96
	827	5.62	224.85	825.87	-25.16	-22.12	33.37	0.55
	858	5.87	227.58	856.72	-27.3	-24.36	36.47	1.19
	921	6.92	229.8	919.32	-31.92	-29.64	43.48	1.71
	952	7.12	228.93	950.09	-34.39	-32.51	47.26	0.73
	983	6.94	228.3	980.86	-36.9	-35.36	51.06	0.63
	1014	7.12	229.71	1011.63	-39.39	-38.22	54.84	0.8
	1045	6.97	228.34	1042.39	-41.88	-41.09	58.64	0.73
	1076	6.99	229.73	1073.16	-44.35	-43.94	62.41	0.55
	1108	6.88	228.5	1104.93	-46.88	-46.86	66.26	0.58
	1139	6.94	228.39	1135.7	-49.35	-49.65	69.99	0.2
	1170	7.56	226.87	1166.45	-51.99	-52.54	73.9	2.09
	1202	7.95	227.22	1198.16	-54.93	-55.7	78.22	1.23

1233	7.71	227.38	1228.87	-57.8	-58.8	82.44	0.78
1264	7.93	226.1	1259.58	-60.69	-61.87	86.66	0.91
1296	8.24	224.41	1291.27	-63.86	-65.07	91.16	1.22
1327	8.68	223.31	1321.93	-67.15	-68.23	95.72	1.51
1358	8.5	222.3	1352.58	-70.54	-71.37	100.34	0.76
1389	8.7	220.68	1383.23	-74.01	-74.44	104.96	1.01
1421	8.83	219.99	1414.86	-77.73	-77.6	109.8	0.52
1452	8.73	220.39	1445.5	-81.35	-80.65	114.51	0.38
1483	9.18	217.38	1476.12	-85.1	-83.68	119.29	2.1
1515	9.21	216.76	1507.71	-89.18	-86.76	124.34	0.32
1549	10.13	216.98	1541.22	-93.75	-90.19	129.97	2.71
1577	10.06	216.3	1568.79	-97.69	-93.12	134.81	0.49
1609	10.4	219.8	1600.28	-102.16	-96.62	140.43	2.21
1640	10.44	219.91	1630.77	-106.47	-100.21	146	0.14
1671	10.66	220.83	1661.25	-110.79	-103.89	151.65	0.89
1702	10.48	219.17	1691.72	-115.14	-107.55	157.3	1.14
1734	10.9	219.82	1723.16	-119.72	-111.32	163.19	1.37
1765	11.28	219.71	1753.59	-124.31	-115.14	169.12	1.23
1796	11.34	219.84	1783.98	-128.98	-119.03	175.16	0.21
1829	11.43	224.21	1816.34	-133.82	-123.38	181.65	2.63
1858	11.18	224.17	1844.77	-137.89	-127.35	187.33	0.86
1889	11.71	223.86	1875.16	-142.32	-131.62	193.48	1.72
1921	12.13	225.59	1906.47	-147.01	-136.27	200.08	1.72
1952	12.24	225.07	1936.77	-151.61	-140.93	206.63	0.5
1983	12.36	224.7	1967.06	-156.29	-145.59	213.23	0.46
2014	12.3	224.4	1997.34	-161.01	-150.23	219.84	0.28
2107	11.41	227.17	2088.36	-174.34	-163.91	238.94	1.14
2201	12.26	221.64	2180.36	-188.12	-177.36	258.19	1.51
2294	12.35	222.54	2271.22	-202.83	-190.64	277.95	0.23
2389	11.62	226.21	2364.15	-216.93	-204.42	297.66	1.11
2482	10.81	225.15	2455.38	-229.56	-217.36	315.74	0.9
2576	9.6	225.15	2547.89	-241.31	-229.17	332.39	1.29
2670	11.05	235.84	2640.37	-251.9	-242.18	349.12	2.55
2763	11.49	234.87	2731.58	-262.23	-257.13	367.07	0.52
2826	11.01	232.74	2793.37	-269.49	-267.05	379.25	1.01
2919	11.69	232.08	2884.55	-280.65	-281.55	397.45	0.74
3012	12.26	229.68	2975.53	-292.83	-296.52	416.68	0.81
3105	11.54	229.36	3066.53	-305.28	-311.1	435.83	0.78
3199	12.22	228.34	3158.51	-318.02	-325.67	455.16	0.76
3293	10.81	224.78	3250.62	-330.89	-339.31	473.91	1.68
3386	12.13	224.39	3341.76	-344.06	-352.29	492.4	1.42
3480	11.69	222.48	3433.74	-358.14	-365.63	511.77	0.63
3574	11.14	220.43	3525.88	-372.08	-377.95	530.31	0.73
3667	12.35	223.4	3616.93	-386.14	-390.61	549.18	1.45
3761	13.45	229.49	3708.56	-400.55	-405.83	570.13	1.86
3854	12.5	229.79	3799.19	-414.07	-421.74	590.98	1.02
3948	12.02	228.3	3891.04	-427.15	-436.82	610.91	0.61

4042	11.1	227.15	3983.13	-439.82	-450.76	629.74	1.01
4135	10.52	225.91	4074.48	-451.81	-463.42	647.19	0.67
4229	10.15	225.31	4166.96	-463.61	-475.47	664.05	0.41
4323	9.73	225.36	4259.55	-475.01	-487.01	680.27	0.45
4417	9.38	224.85	4352.24	-486.03	-498.07	695.87	0.38
4511	10.42	225.03	4444.84	-497.46	-509.48	712.03	1.11
4604	9.98	225.18	4536.37	-509.09	-521.15	728.49	0.47
4698	9.29	223.71	4629.04	-520.31	-532.17	744.22	0.78
4791	8.5	229.99	4720.93	-530.16	-542.62	758.57	1.34
4885	9.3	229.3	4813.8	-539.58	-553.7	773.09	0.86
4978	9.01	232.12	4905.61	-548.95	-565.15	787.84	0.57
5071	8.33	230.5	4997.55	-557.71	-576.09	801.81	0.78
5165	8.06	230.88	5090.59	-566.2	-586.46	815.17	0.29
5258	7.71	229.62	5182.71	-574.35	-596.27	827.89	0.42
5352	8.9	222.9	5275.72	-583.76	-606.02	841.45	1.63
5456	9.54	223.86	5378.38	-595.87	-617.47	858.09	0.63
5539	8.94	226.81	5460.3	-605.24	-626.94	871.41	0.92
5633	8.17	229.07	5553.26	-614.62	-637.31	885.38	0.89
5723	7.82	231.11	5642.38	-622.65	-646.91	897.87	0.5
5820	8.53	229.79	5738.4	-631.44	-657.54	911.63	0.76
5914	7.71	233.51	5831.45	-639.69	-667.93	924.84	1.04
5944	7.32	233.86	5861.19	-642.02	-671.09	928.74	1.31
5994	6.67	234.44	5910.82	-645.58	-676.03	934.77	1.31

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

5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-50750
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: PLEASANT VALLEY UNIT
8. WELL NAME and NUMBER: <i>1h-9-9-17</i> PLEASANT VALLEY FEDERAL
9. API NUMBER: 4301333896
10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE

**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  GAS WELL  OTHER

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

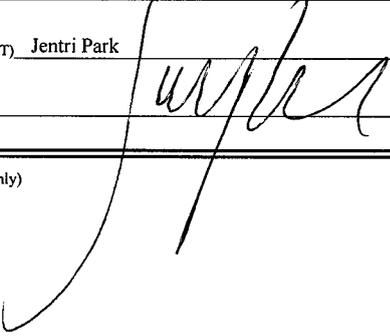
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 1992 FNL 1983 FEL COUNTY: DUCHESNE  
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNE, 9, T9S, R17E 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: <u>10/16/2008</u>	<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 10/16/08, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk  
SIGNATURE  DATE 10/30/2008

(This space for State use only)

**RECEIVED**  
**NOV 03 2008**  
DIV. OF OIL, GAS & MINING

## Daily Activity Report

Format For Sundry

PLSNT VLY M-9-9-17

8/1/2008 To 12/30/2008

10/3/2008 Day: 1

Completion

Rigless on 10/2/2008 - 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 @ 5907' & cement top @ 47'. Perforate stage #1, CP5 sds @ 5784-90' w/ 3-1/8" Slick Guns (19 gram, .49"EH, 120°) w/ 4 spf for total of 24 shots. 155 BWTR. SWIFN.

10/10/2008 Day: 2

Completion

Rigless on 10/9/2008 - Stage #1 CP5 sds. RU BJ Services. 0 psi on well. Frac CP5 sds w/ 24,813#'s of 20/40 sand in 373 bbls of Lightning 17 fluid. Broke @ 3415 psi. Treated w/ ave pressure of 2025 psi w/ ave rate of 23.4 BPM. ISIP 1827 psi. Leave pressure on well. 528 BWTR. Stage #2 CP4 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 18' perf gun. Set plug @ 5720'. Perforate CP4 sds @ 5680-98' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 72 shots. RU BJ Services. 1340 psi on well. Frac CP4 sds w/ 44,726#'s of 20/40 sand in 459 bbls of Lightning 17 fluid. Broke @ 3444 psi. Treated w/ ave pressure of 1729 psi w/ ave rate of 23.3 BPM. ISIP 1786 psi. Leave pressure on well. 987 BWTR. Stage #3 CP1/CP2 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 8', 14' perf guns. Set plug @ 5590'. Perforate CP2 sds @ 5554-62' & CP1 sds @ 5506-20' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 88 shots. RU BJ Services. 1557 psi on well. Frac CP1/CP2 sds w/ 60,364#'s of 20/40 sand in 521 bbls of Lightning 17 fluid. Broke @ 3210 psi. Treated w/ ave pressure of 1886 psi w/ ave rate of 23.3 BPM. ISIP 2084 psi. Leave pressure on well. 1508 BWTR. Stage #4 A3 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 18' perf gun. Set plug @ 5200'. Perforate A3 sds @ 5122-40' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 72 shots. SWIFN.

10/11/2008 Day: 3

Completion

Rigless on 10/10/2008 - Stage #4 A3 sds. RU BJ Services. 1375 psi on well. Frac A3 sds w/ 39,923#'s of 20/40 sand in 422 bbls of Lightning 17 fluid. Broke @ 3322 psi. Treated w/ ave pressure of 1638 psi w/ ave rate of 23.2 BPM. ISIP 1837 psi. Leave pressure on well. 1930 BWTR. Stage #5 B2 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 10', 4' perf guns. Set plug @ 5000'. Perforate B2 sds @ 4940-50' & 4956-60' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 56 shots. RU BJ Services. 1760 psi on well. Frac B2 sds w/ 40,402#'s of 20/40 sand in 406 bbls of Lightning 17 fluid. Broke @ 3716 psi. Treated w/ ave pressure of 2116 psi w/ ave rate of 23.2 BPM. ISIP 2102 psi. Leave pressure on well. 2336 BWTR. Stage #6 C sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 10' perf gun. Set plug @ 4850'. Perforate C sds @ 4794-4804' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 40 shots. RU BJ Services. 1880 psi on well. Perfs would not break. Dump bail acid on perfs. RU BJ Services. 1250 psi on well. Frac C sds w/ 24,680#'s of 20/40 sand in 359 bbls of Lightning 17 fluid. Broke @ 2537 psi. Treated w/ ave pressure of 2464 psi w/ ave rate of 23.3 BPM. ISIP 2367 psi. Leave pressure on well. 2695 BWTR. Stage #7 D2

sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 12' perf gun. Set plug @ 4740'. Perforate D2 sds @ 4700-12' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 48 shots. RU BJ Services. 1880 psi on well. Frac D2 sds w/ 38,597#'s of 20/40 sand in 381 bbls of Lightning 17 fluid. Broke @ 2891 psi. Treated w/ ave pressure of 2191 psi w/ ave rate of 23.3 BPM. ISIP 2258 psi. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 6 hrs. & died. Recovered 700 bbls. MIRU Western #4

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10/14/2008 Day: 4

Completion

Western #4 on 10/13/2008 - RU wireline truck. Set Composite kill plug @ 4629'. Bleed off well. ND Cameron BOP & 5m frac head. NU 3m production head & Schaffer BOP. RIH w/ 4 3/4" chomp bit, bit sub & new 2 7/8" tbg. from pipe racks (tallying & drifting). Tag CBP @ 4629'. RU powerswivel & pump. Circulate well clean. SWIFN.

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10/15/2008 Day: 5

Completion

Western #4 on 10/14/2008 - Cont. RIH w/ tbg. Tag CBP @ 4629'. DU CBP in 15 min. Cont. RIH w/ tbg. Tag CBP @ 4740'. DU CBP in 20 min. Cont. RIH w/ tbg. Tag CBP @ 4850'. DU CBP in 27 min. Cont. RIH w/ tbg. Tag sand @ 4950'. C/O to CBP @ 5000'. DU CBP in 22 min. Cont. RIH w/ tbg. Tag sand @ 5102'. C/O to CBP @ 5200'. DU CBP in 27 min. Cont. RIH w/ tbg. Tag CBP @ 5590'. DU CBP in 14 min. Cont. RIH w/ tbg. Tag CBP @ 5720'. DU CBP in 31 min. Cont. RIH w/ tbg. Tag sand @ 5791'. C/O to PBSD @ 5961'. Circulate well clean. Pull up to 5872'. SWIFN.

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10/16/2008 Day: 6

Completion

Western #4 on 10/15/2008 - Flow well to tank for 3 hrs. Recovered 480 bbls. 20% oil cut. Circulate well w/ 200 bbls 10# brine water to kill well. RIH w/ tbg. Tag PBSD @ 5661'. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg, PSN, 2 jts 2 7/8" tbg, 5 1/2" TAC, 186 jts 2 7/8" tbg. ND BOP. Set TAC @ 5722' w/ 16,000# tension. NU wellhead. X-over for rods. SWIFN.

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10/17/2008 Day: 7

Completion

Western #4 on 10/16/2008 - Bleed well off. Stays flowing W/ good oil cut. RU & flush tbg W/ 60 bbls 10# brine wtr. Leave casing flow to production tks. PU & TIH W/ pump and "A" grade rod string as follows: new CDI 2 1/2" X 1 3/4" X 20' RHAC pump, 1 5/8" shear cplg (21K), 4-1 1/2" weight rods, 227-7/8" scraped rods (all Norris 97 W/ 8 scrapers/rod) and 1 1/2" X 26' polished rod. Seat pump & RU pumping unit. W/ tbg full, pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 1562 BWTR. Place well on production @ 1:00 PM 10/16/2008 W/ 122" SL @ 5 SPM. FINAL REPORT!!

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Pertinent Files: Go to File List

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-50750
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<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
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<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> PLEASANT VLY FED M-9-9-17
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<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013338960000
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<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
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<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1992 FNL 1983 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 09 Township: 09.0S Range: 17.0E Meridian: S	<b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>8/19/2016</b>  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text" value="Well Clean Out"/>

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

The above mentioned well has had a history of scale. Newfield will be doing a well clean out of the wellbore with the intention to increase hydrocarbon production and bring the well back up to economic production volumes.

**Accepted by the Utah Division of Oil, Gas and Mining**

Date: August 25, 2016

By: *Dark Oust*

<b>NAME (PLEASE PRINT)</b> Mandie Crozier	<b>PHONE NUMBER</b> 435 646-4825	<b>TITLE</b> Regulatory Tech
<b>SIGNATURE</b> N/A		<b>DATE</b> 8/19/2016