

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		7. If Unit or CA Agreement, Name and No. Pleasant Valley
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		8. Lease Name and Well No. Pleasant Valley Federal G-9-9-17
2. Name of Operator Newfield Production Company		9. API Well No. 43-013-33247
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	10. Field and Pool, or Exploratory Monument Butte
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/NW 663' FNL 1958' FWL At proposed prod. zone 1320' FNL 1317' FWL		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 9, T9S R17E
14. Distance in miles and direction from nearest town or post office* Approximatley 13.7 miles southeast of Myton, Utah		12. County or Parish Duchesne
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1317' f/lse, 1320' f/unit		13. State UT
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. 1322'		20. BLM/BIA Bond No. on file UTB000192
19. Proposed Depth 6120'	21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5233' GL	22. Approximate date work will start* 4th Quarter 2006
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 7/25/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 09-27-06
Title Office	ENVIRONMENTAL MANAGER	

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

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

\*(Instructions on reverse)

surf 584162X  
4433662Y  
40.050893  
-110.013327

BUL 583971X  
4433459Y  
40.049085  
-110.015596

Federal Approval of this  
Action Is Necessary

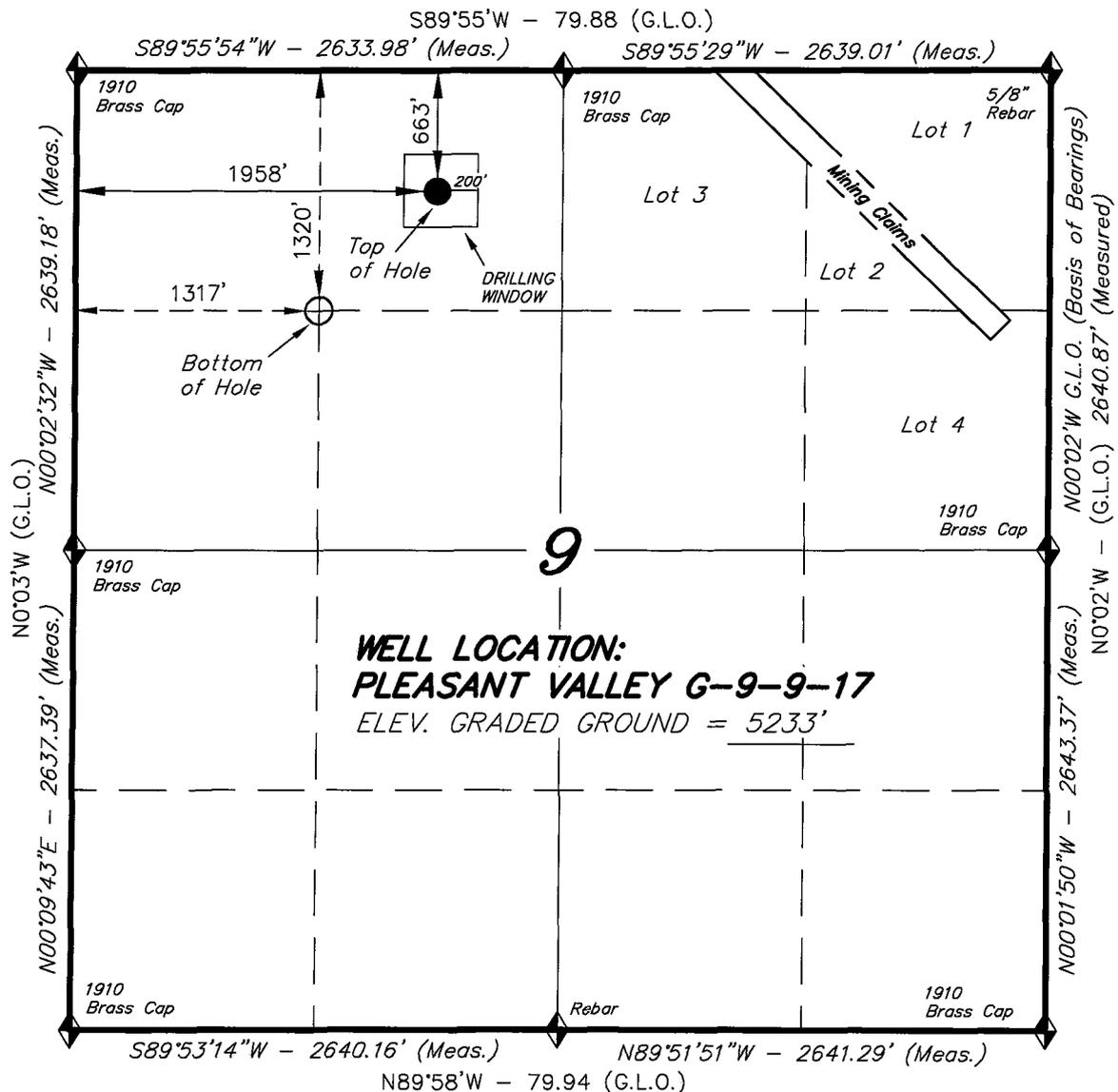
RECEIVED

JUL 26 2006

DIV. OF OIL, GAS & MINING

# T9S, R17E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY



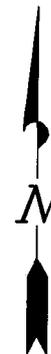
**WELL LOCATION:**  
**PLEASANT VALLEY G-9-9-17**  
 ELEV. GRADED GROUND = 5233'

WELL LOCATION, PLEASANT VALLEY  
 G-9-9-17 THE TOP OF HOLE LOCATED  
 AS SHOWN IN THE NE 1/4 NW 1/4, THE  
 BOTTOM HOLE LOCATED AS SHOWN IN  
 THE NW 1/4 OF SECTION 9, T9S, R17E,  
 S.L.B.&M. DUCHESNE COUNTY, UTAH.

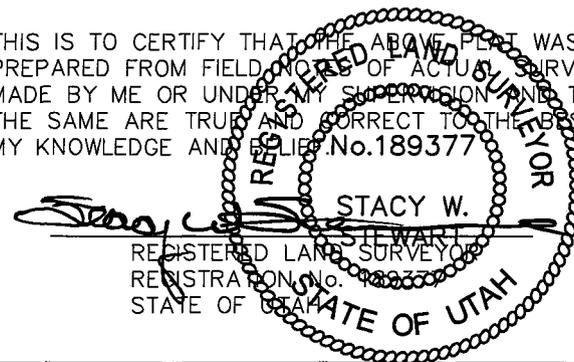


**Note:**

- The bottom of hole bears  $S44^{\circ}16'03''W$  918.51' from the well head.



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



= SECTION CORNERS LOCATED

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

**PLEASANT VALLEY G-9-9-17**  
 (Surface Location) NAD 83  
 LATITUDE =  $40^{\circ} 03' 03.21''$   
 LONGITUDE =  $110^{\circ} 00' 50.47''$

**TRI STATE LAND SURVEYING & CONSULTING**

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

DATE SURVEYED: 5-10-06	SURVEYED BY: C.M.
DATE DRAWN: 05-12-06	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

**NEWFIELD PRODUCTION COMPANY  
PLEASANT VALLEY FEDERAL #G-9-9-17  
AT SURFACE: NE/NW 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' – 2740'
Green River	2740'
Wasatch	6120'

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

Green River Formation 2740' – 6120' - Oil

**4. PROPOSED CASING PROGRAM**

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

**5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

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

**6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

Please refer to the Monument Butte Field SOP.

**7. AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Please refer to the Monument Butte Field SOP.

**8. TESTING, LOGGING AND CORING PROGRAMS:**

Please refer to the Monument Butte Field SOP.

**9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

**10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY  
PLEASANT VALLEY FEDERAL #G-9-9-17  
AT SURFACE: NE/NW 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 #G-9-9-17 located in the NE 1/4 NW 1/4 Section 9, T9S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 11.7 miles  $\pm$  to it's junction with an existing dirt road to the southwest; proceed southwesterly - 0.4 miles  $\pm$  to it's junction with the beginning of the access road to the existing Federal 21-9H well loaction.

**2. PLANNED ACCESS ROAD**

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Federal 21-9H well pad. See attached **Topographic Map "B"**.

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

The proposed well will be drilled directionally off of the Federal 21-9H well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Pleasant Valley Federal G-9-9-17.

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

**5. LOCATION AND TYPE OF WATER SUPPLY**

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

**6. SOURCE OF CONSTRUCTION MATERIALS**

The proposed Pleasant Valley Federal G-9-9-17 will be drilled off of the existing Federal 21-9H 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).

11. 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**

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

**Reserve Pit Liner**

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

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

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

Western Wheatgrass	<i>Pascopyrum Smithii</i>	6 lbs/acre
Galletta Grass	<i>Hilaria Jamesii</i>	6 lbs/acre

**Details of the On-Site Inspection**

The proposed Pleasant Valley Federal #G-9-9-17 was on-sited on 5/25/06. The following were present; Shon Mckinnon (Newfeild Production), Chris Carusona (Bureau of Land Management), and Nate West (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

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

Certification

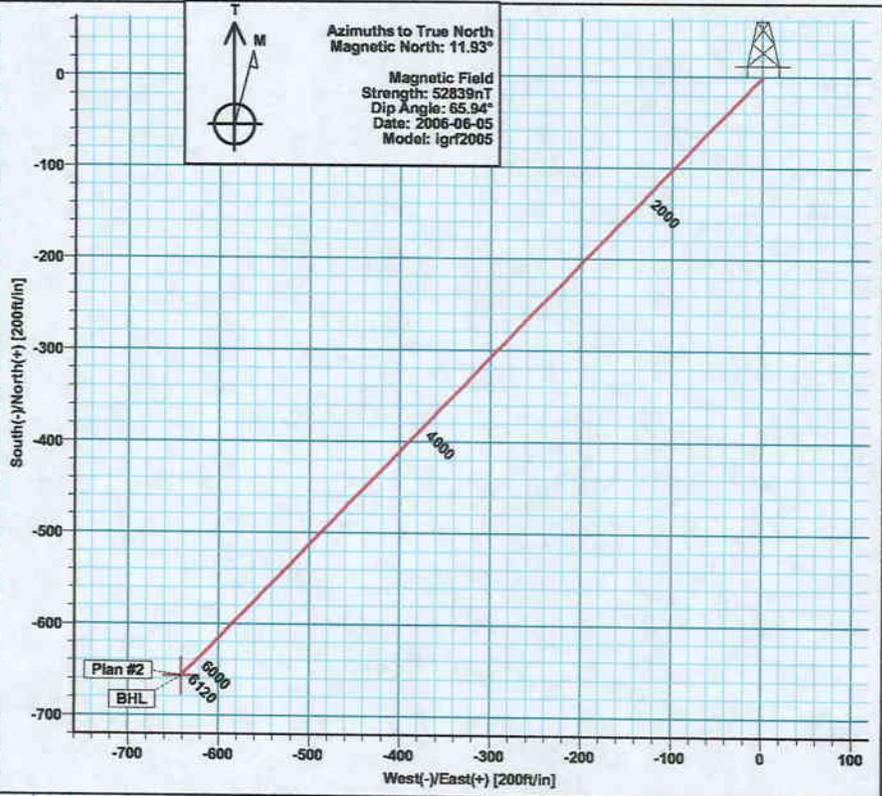
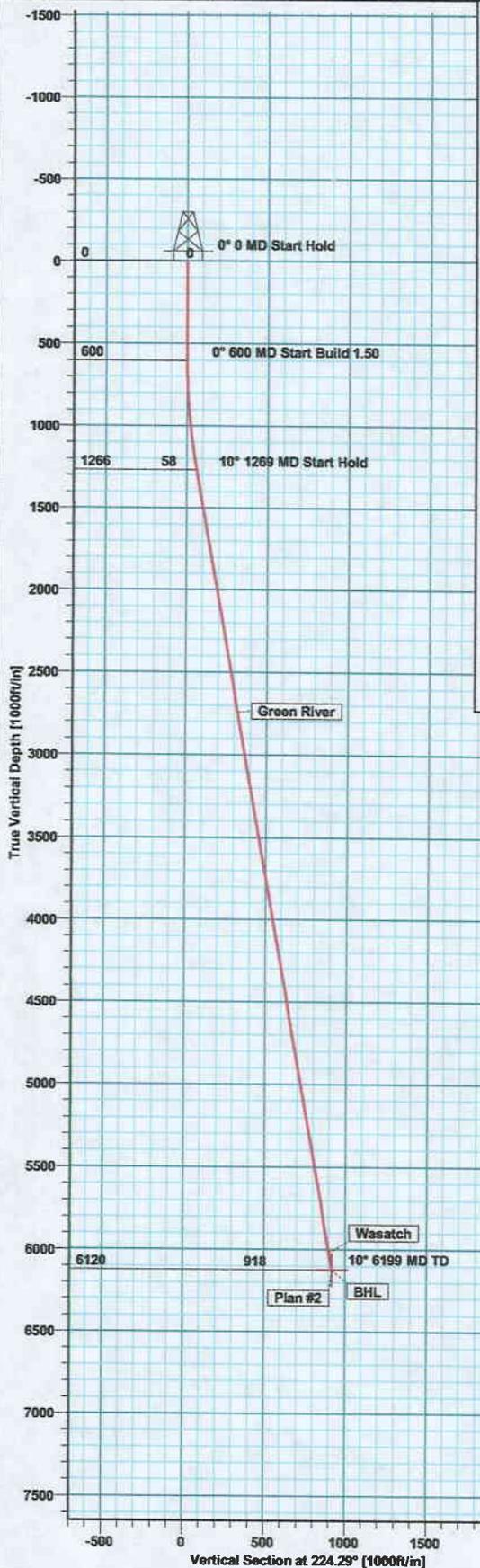
Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #G-9-9-17 NE/NW Section 9, Township 9S, Range 17E: Lease UTU-50750 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

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

7/25/06

Date

  
Mandie Crozier  
Regulatory Specialist  
Newfield Production Company



**SECTION DETAILS**

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	DLeg	TFace	VSec	Target
1	0.00	0.00	224.29	0.00	0.00	0.00	0.00	0.00	0.00	
2	600.00	0.00	224.29	600.00	0.88	0.80	0.00	0.00	0.00	
3	1269.33	10.04	224.29	1269.31	-41.87	-40.85	1.50	224.29	58.48	BHL
4	6199.91	10.04	224.29	6199.90	-657.00	-641.00	0.00	0.00	917.89	BHL

**WELL DETAILS**

Name	+N-S	+E-W	Northing	Easting	Latitude	Longitude	Slot
PV G-9-9-17	0.00	0.00	7190730.76	2056370.06	40°03'03.210N	110°00'50.470W	N/A

**SITE DETAILS**

Pleasant Valley G-9-9-17  
Sec. 9 T9S R17E

Site Centre Latitude: 40°03'03.210N  
Longitude: 110°00'50.470W

Ground Level: 5233.00  
Positional Uncertainty: 0.00  
Convergence: 0.95

Plan: Plan #2 (PV G-9-9-17/OH)

Created By: Julie Cruse  
Date: 2006-07-25

**FIELD DETAILS**

Duchesne County, UT

Geodetic System: US State Plane Coordinate System 1983  
Ellipsoid: GRS 1980  
Zone: Utah, Central Zone  
Magnetic Model: igr2005

System Datum: Mean Sea Level  
Local North: True North



# Scientific Drilling International

## Planning Report

<b>Company:</b> Newfield Exploration Co. <b>Field:</b> Duchesne County, UT <b>Site:</b> Pleasant Valley G-9-9-17 <b>Well:</b> PV G-9-9-17 <b>Wellpath:</b> OH	<b>Date:</b> 2006-07-25 <b>Co-ordinate(NE) Reference:</b> Well: PV G-9-9-17, True North <b>Vertical (TVD) Reference:</b> GL 5233' & RKB 12' 5245.0 <b>Section (VS) Reference:</b> Well (0.00N,0.00E,224.29Azi) <b>Plan:</b> Plan #2	<b>Time:</b> 09:06:17 <b>Page:</b> 1
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<b>Field:</b> Duchesne County, UT		
<b>Map System:</b> US State Plane Coordinate System 1983 <b>Geo Datum:</b> GRS 1980 <b>Sys Datum:</b> Mean Sea Level	<b>Map Zone:</b> Utah, Central Zone <b>Coordinate System:</b> Well Centre <b>Geomagnetic Model:</b> igrf2005	

**Site:** Pleasant Valley G-9-9-17  
Sec. 9 T9S R17E

<b>Site Position:</b>	<b>Northing:</b> 7190730.76 ft	<b>Latitude:</b> 40 3 3.210 N	
<b>From:</b> Geographic	<b>Easting:</b> 2056370.06 ft	<b>Longitude:</b> 110 0 50.470 W	
<b>Position Uncertainty:</b> 0.00 ft		<b>North Reference:</b> True	
<b>Ground Level:</b> 5233.00 ft		<b>Grid Convergence:</b> 0.95 deg	

<b>Well:</b> PV G-9-9-17 <b>SHL:</b> 663' FNL, 1958' FWL <b>Well Position:</b> +N/-S 0.00 ft <b>+E/-W</b> 0.00 ft <b>Position Uncertainty:</b> 0.00 ft	<b>Northing:</b> 7190730.76 ft <b>Easting :</b> 2056370.06 ft	<b>Slot Name:</b> <b>Latitude:</b> 40 3 3.210 N <b>Longitude:</b> 110 0 50.470 W
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<b>Wellpath:</b> OH <b>Current Datum:</b> GL 5233' & RKB 12' <b>Magnetic Data:</b> 2006-06-05 <b>Field Strength:</b> 52839 nT <b>Vertical Section:</b> Depth From (TVD)	<b>Height</b> 5245.00 ft <b>+N/-S</b> ft <b>+E/-W</b> ft	<b>Drilled From:</b> Surface <b>Tie-on Depth:</b> 0.00 ft <b>Above System Datum:</b> Mean Sea Level <b>Declination:</b> 11.93 deg <b>Mag Dip Angle:</b> 65.94 deg <b>Direction</b> deg
0.00	0.00	0.00 224.29

<b>Plan:</b> Plan #2 <b>Principal:</b> Yes	<b>Date Composed:</b> 2006-06-05 <b>Version:</b> 1 <b>Tied-to:</b> From Surface
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**Plan Section Information**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	224.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	224.29	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1269.33	10.04	224.29	1265.91	-41.87	-40.85	1.50	1.50	0.00	224.29	
6198.91	10.04	224.29	6120.00	-657.00	-641.00	0.00	0.00	0.00	0.00	BHL

**Section 1 : Start Hold**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
0.00	0.00	224.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	224.29	100.00	0.00	0.00	0.00	0.00	0.00	0.00	224.29
200.00	0.00	224.29	200.00	0.00	0.00	0.00	0.00	0.00	0.00	224.29
300.00	0.00	224.29	300.00	0.00	0.00	0.00	0.00	0.00	0.00	224.29
400.00	0.00	224.29	400.00	0.00	0.00	0.00	0.00	0.00	0.00	224.29
500.00	0.00	224.29	500.00	0.00	0.00	0.00	0.00	0.00	0.00	224.29
600.00	0.00	224.29	600.00	0.00	0.00	0.00	0.00	0.00	0.00	224.29

**Section 2 : Start Build 1.50**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
700.00	1.50	224.29	699.99	-0.94	-0.91	1.31	1.50	1.50	0.00	0.00
800.00	3.00	224.29	799.91	-3.75	-3.66	5.23	1.50	1.50	0.00	0.00
900.00	4.50	224.29	899.69	-8.43	-8.22	11.77	1.50	1.50	0.00	0.00
1000.00	6.00	224.29	999.27	-14.98	-14.61	20.92	1.50	1.50	0.00	0.00
1100.00	7.50	224.29	1098.57	-23.39	-22.82	32.68	1.50	1.50	0.00	0.00
1200.00	9.00	224.29	1197.54	-33.66	-32.84	47.03	1.50	1.50	0.00	0.00
1269.33	10.04	224.29	1265.91	-41.87	-40.85	58.49	1.50	1.50	0.00	0.00





# Scientific Drilling International

## Planning Report

**Company:** Newfield Exploration Co.  
**Field:** Duchesne County, UT  
**Site:** Pleasant Valley G-9-9-17  
**Well:** PV G-9-9-17  
**Wellpath:** OH

**Date:** 2006-07-25      **Time:** 09:06:17  
**Co-ordinate(NE) Reference:** Well: PV G-9-9-17, True North  
**Vertical (TVD) Reference:** GL 5233' & RKB 12' 5245.0  
**Section (VS) Reference:** Well (0.00N,0.00E,224.29Az)  
**Plan:** Plan #2

**Page:** 3

**Survey**

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
600.00	0.00	224.29	600.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
700.00	1.50	224.29	699.99	-0.94	-0.91	1.31	1.50	1.50	0.00	MWD
800.00	3.00	224.29	799.91	-3.75	-3.66	5.23	1.50	1.50	0.00	MWD
900.00	4.50	224.29	899.69	-8.43	-8.22	11.77	1.50	1.50	0.00	MWD
1000.00	6.00	224.29	999.27	-14.98	-14.61	20.92	1.50	1.50	0.00	MWD
1100.00	7.50	224.29	1098.57	-23.39	-22.82	32.68	1.50	1.50	0.00	MWD
1200.00	9.00	224.29	1197.54	-33.66	-32.84	47.03	1.50	1.50	0.00	MWD
1269.33	10.04	224.29	1265.91	-41.87	-40.85	58.49	1.50	1.50	0.00	MWD
1300.00	10.04	224.29	1296.11	-45.69	-44.58	63.84	0.00	0.00	0.00	MWD
1400.00	10.04	224.29	1394.58	-58.17	-56.76	81.27	0.00	0.00	0.00	MWD
1500.00	10.04	224.29	1493.05	-70.65	-68.93	98.71	0.00	0.00	0.00	MWD
1600.00	10.04	224.29	1591.52	-83.13	-81.11	116.14	0.00	0.00	0.00	MWD
1700.00	10.04	224.29	1689.98	-95.61	-93.28	133.57	0.00	0.00	0.00	MWD
1800.00	10.04	224.29	1788.45	-108.09	-105.45	151.01	0.00	0.00	0.00	MWD
1900.00	10.04	224.29	1886.92	-120.57	-117.63	168.44	0.00	0.00	0.00	MWD
2000.00	10.04	224.29	1985.39	-133.04	-129.80	185.88	0.00	0.00	0.00	MWD
2100.00	10.04	224.29	2083.86	-145.52	-141.98	203.31	0.00	0.00	0.00	MWD
2200.00	10.04	224.29	2182.33	-158.00	-154.15	220.74	0.00	0.00	0.00	MWD
2300.00	10.04	224.29	2280.80	-170.48	-166.33	238.18	0.00	0.00	0.00	MWD
2400.00	10.04	224.29	2379.27	-182.96	-178.50	255.61	0.00	0.00	0.00	MWD
2500.00	10.04	224.29	2477.73	-195.44	-190.68	273.04	0.00	0.00	0.00	MWD
2600.00	10.04	224.29	2576.20	-207.91	-202.85	290.48	0.00	0.00	0.00	MWD
2700.00	10.04	224.29	2674.67	-220.39	-215.03	307.91	0.00	0.00	0.00	MWD
2766.34	10.04	224.29	2740.00	-228.67	-223.10	319.48	0.00	0.00	0.00	Green River
2800.00	10.04	224.29	2773.14	-232.87	-227.20	325.34	0.00	0.00	0.00	MWD
2900.00	10.04	224.29	2871.61	-245.35	-239.37	342.78	0.00	0.00	0.00	MWD
3000.00	10.04	224.29	2970.08	-257.83	-251.55	360.21	0.00	0.00	0.00	MWD
3100.00	10.04	224.29	3068.55	-270.31	-263.72	377.64	0.00	0.00	0.00	MWD
3200.00	10.04	224.29	3167.01	-282.78	-275.90	395.08	0.00	0.00	0.00	MWD
3300.00	10.04	224.29	3265.48	-295.26	-288.07	412.51	0.00	0.00	0.00	MWD
3400.00	10.04	224.29	3363.95	-307.74	-300.25	429.94	0.00	0.00	0.00	MWD
3500.00	10.04	224.29	3462.42	-320.22	-312.42	447.38	0.00	0.00	0.00	MWD
3600.00	10.04	224.29	3560.89	-332.70	-324.60	464.81	0.00	0.00	0.00	MWD
3700.00	10.04	224.29	3659.36	-345.18	-336.77	482.25	0.00	0.00	0.00	MWD
3800.00	10.04	224.29	3757.83	-357.65	-348.94	499.68	0.00	0.00	0.00	MWD
3900.00	10.04	224.29	3856.29	-370.13	-361.12	517.11	0.00	0.00	0.00	MWD
4000.00	10.04	224.29	3954.76	-382.61	-373.29	534.55	0.00	0.00	0.00	MWD
4100.00	10.04	224.29	4053.23	-395.09	-385.47	551.98	0.00	0.00	0.00	MWD
4200.00	10.04	224.29	4151.70	-407.57	-397.64	569.41	0.00	0.00	0.00	MWD
4300.00	10.04	224.29	4250.17	-420.05	-409.82	586.85	0.00	0.00	0.00	MWD
4400.00	10.04	224.29	4348.64	-432.52	-421.99	604.28	0.00	0.00	0.00	MWD
4500.00	10.04	224.29	4447.11	-445.00	-434.17	621.71	0.00	0.00	0.00	MWD
4600.00	10.04	224.29	4545.58	-457.48	-446.34	639.15	0.00	0.00	0.00	MWD
4700.00	10.04	224.29	4644.04	-469.96	-458.52	656.58	0.00	0.00	0.00	MWD
4800.00	10.04	224.29	4742.51	-482.44	-470.69	674.01	0.00	0.00	0.00	MWD
4900.00	10.04	224.29	4840.98	-494.92	-482.86	691.45	0.00	0.00	0.00	MWD
5000.00	10.04	224.29	4939.45	-507.40	-495.04	708.88	0.00	0.00	0.00	MWD
5100.00	10.04	224.29	5037.92	-519.87	-507.21	726.32	0.00	0.00	0.00	MWD
5200.00	10.04	224.29	5136.39	-532.35	-519.39	743.75	0.00	0.00	0.00	MWD
5300.00	10.04	224.29	5234.86	-544.83	-531.56	761.18	0.00	0.00	0.00	MWD
5400.00	10.04	224.29	5333.32	-557.31	-543.74	778.62	0.00	0.00	0.00	MWD
5500.00	10.04	224.29	5431.79	-569.79	-555.91	796.05	0.00	0.00	0.00	MWD
5600.00	10.04	224.29	5530.26	-582.27	-568.09	813.48	0.00	0.00	0.00	MWD
5700.00	10.04	224.29	5628.73	-594.74	-580.26	830.92	0.00	0.00	0.00	MWD

# Scientific Drilling International

## Planning Report

<b>Company:</b> Newfield Exploration Co.	Date: 2006-07-25	Time: 09:06:17	Page: 4
<b>Field:</b> Duchesne County, UT	Co-ordinate(NE) Reference: Well: PV G-9-9-17, True North		
<b>Site:</b> Pleasant Valley G-9-9-17	Vertical (TVD) Reference: GL 5233' & RKB 12' 5245.0		
<b>Well:</b> PV G-9-9-17	Section (VS) Reference: Well (0.00N,0.00E,224.29Azi)		
<b>Wellpath:</b> OH	Plan:	Plan #2	

### Survey

MD ft	Incl deg	Azlm deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Buid deg/100ft	Turn deg/100ft	Tool/Comment
5800.00	10.04	224.29	5727.20	-607.22	-592.43	848.35	0.00	0.00	0.00	MWD
5900.00	10.04	224.29	5825.67	-619.70	-604.61	865.78	0.00	0.00	0.00	MWD
6000.00	10.04	224.29	5924.14	-632.18	-616.78	883.22	0.00	0.00	0.00	MWD
6092.28	10.04	224.29	6015.00	-643.69	-628.02	899.30	0.00	0.00	0.00	Wasatch
6100.00	10.04	224.29	6022.60	-644.66	-628.96	900.65	0.00	0.00	0.00	MWD
6198.91	10.04	224.29	6120.00	-657.00	-641.00	917.89	0.00	0.00	0.00	BHL

### Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude →			← Longitude →				
								Deg	Min	Sec	Deg	Min	Sec		
BHL			6120.00	-657.00	-641.00	7190063.20	2055740.06	40	2	56.717	N	110	0	58.713	W
-Circle (Radius: 0)															
-Plan hit target															

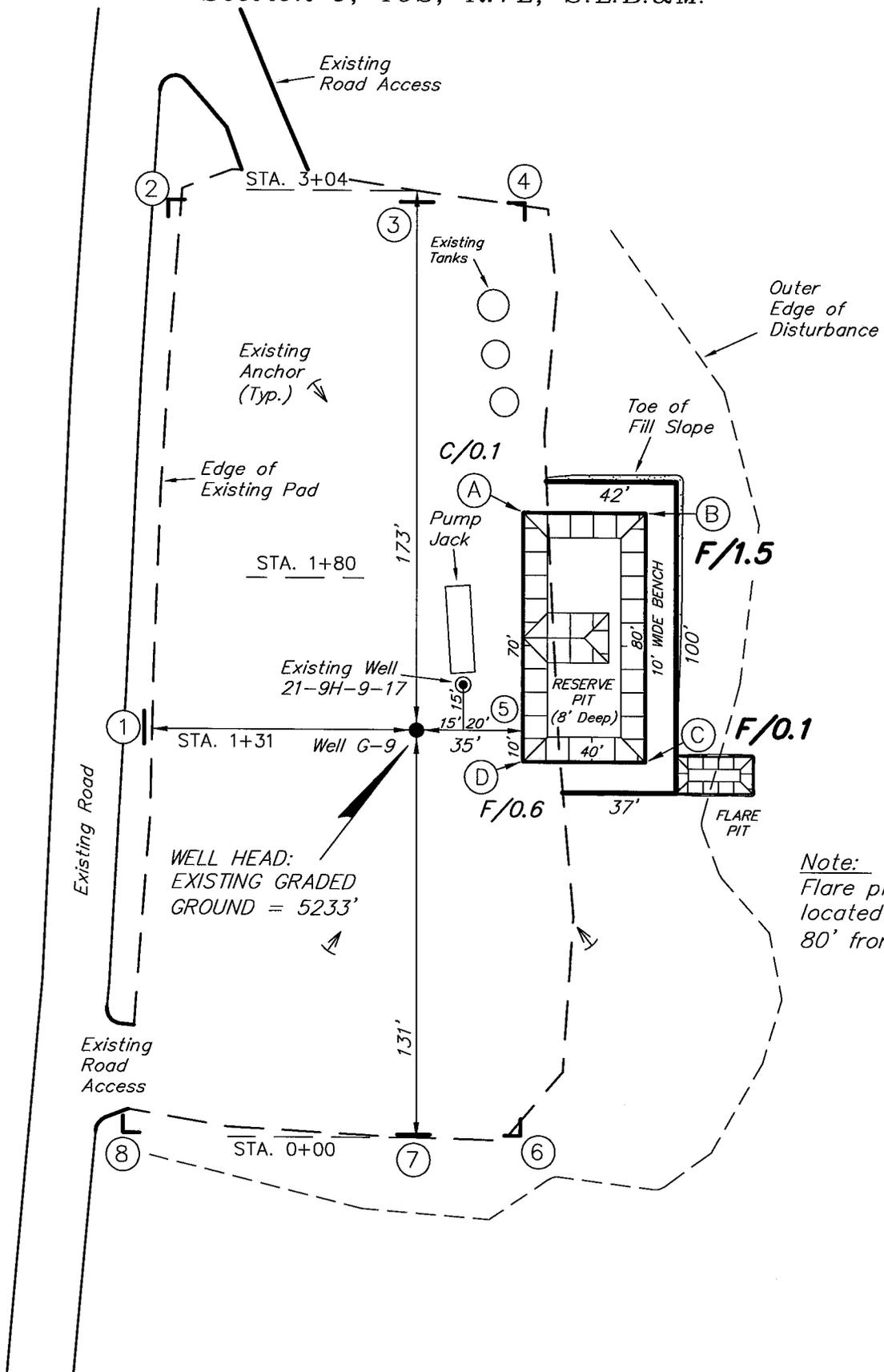
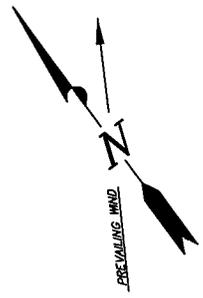
### Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
2766.34	2740.00	Green River		0.00	0.00
6092.28	6015.00	Wasatch		0.00	0.00

# NEWFIELD PRODUCTION COMPANY

PLEASANT VALLEY 21-9H-9-17 (G-9)

Section 9, T9S, R17E, S.L.B.&M.



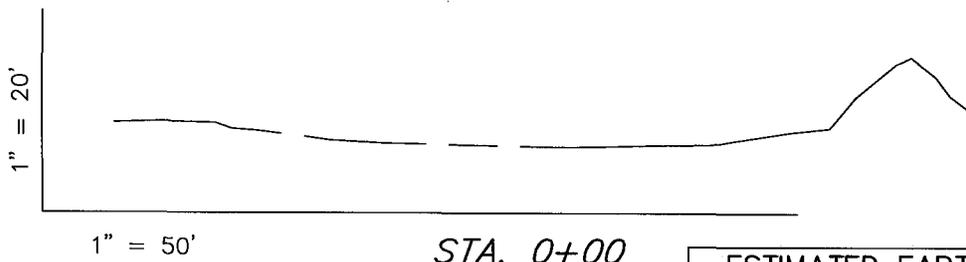
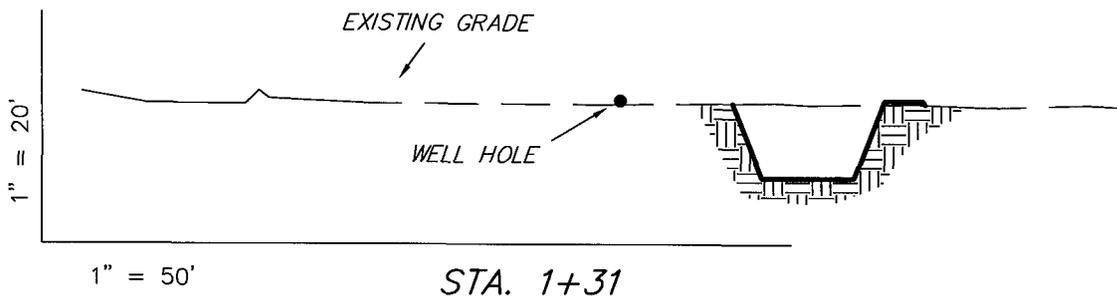
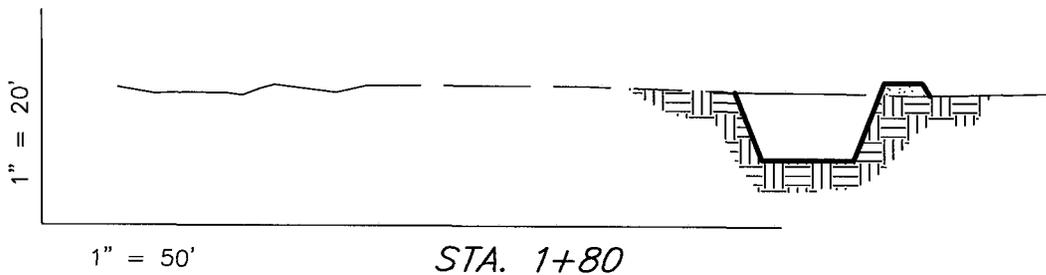
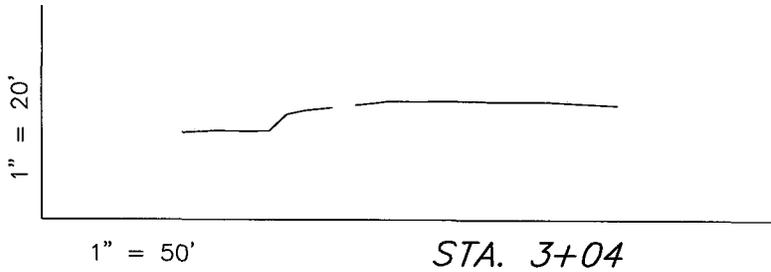
Note:  
Flare pit is to be located at least 80' from well head.

SURVEYED BY: C.M.	SCALE: 1" = 50'	<p>Tri State Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078</p>	(435) 781-2501
DRAWN BY: F.T.M.	DATE: 05-12-06		

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS

### PLEASANT VALLEY 21-9H-9-17 (G-9)



NOTE:  
UNLESS OTHERWISE NOTED  
ALL CUT/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	0	90	Topsoil is not included in Pad Cut	-90
PIT	640	0		640
<b>TOTALS</b>	<b>640</b>	<b>90</b>	<b>N/A</b>	<b>550</b>

SURVEYED BY: C.M.

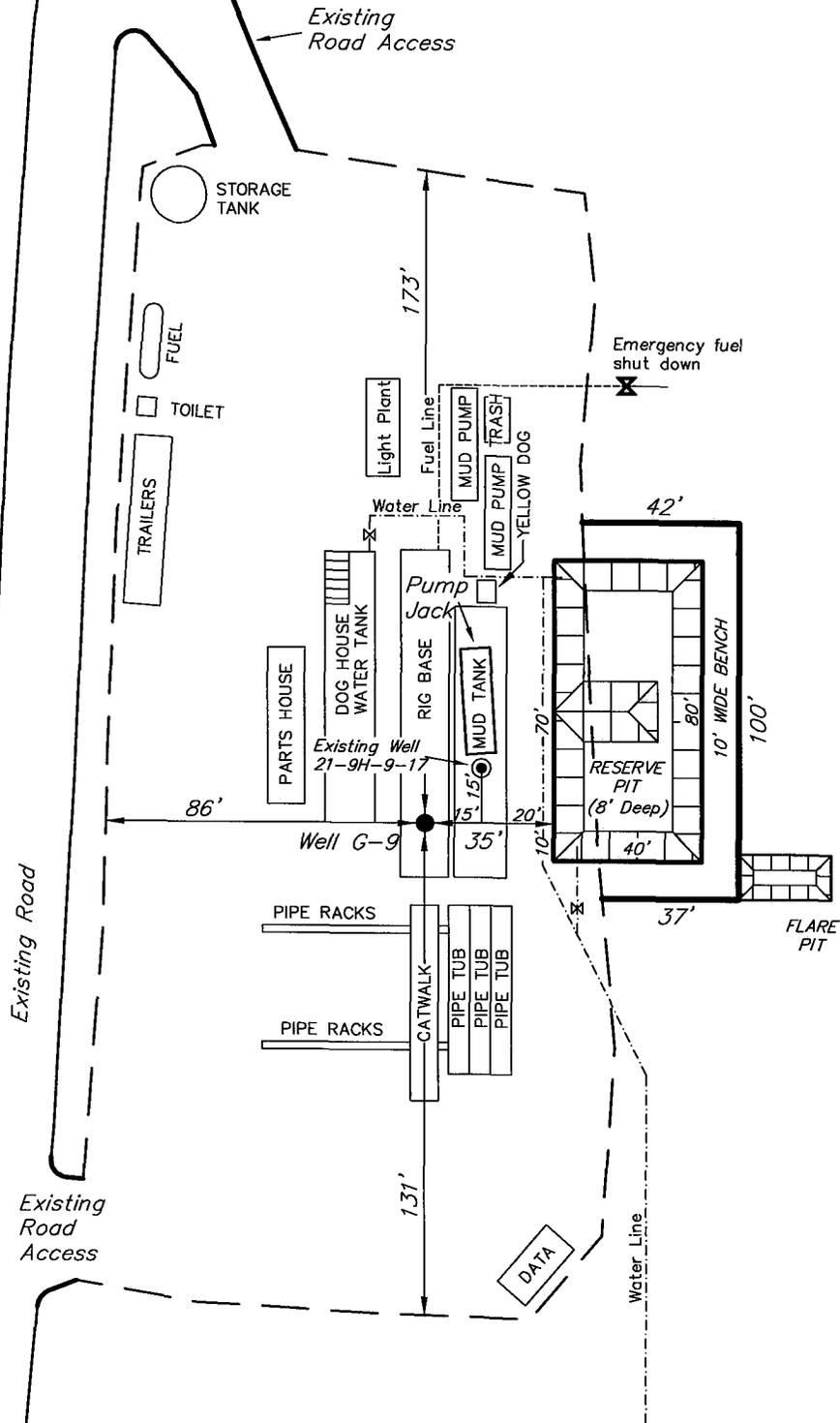
SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 05-12-06

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

**NEWFIELD PRODUCTION COMPANY**  
**TYPICAL RIG LAYOUT**  
**PLEASANT VALLEY 21-9H-9-17 (G-9)**



SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 05-12-06

**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 G-9-9-17

From the Federal 21-9H-9-17 Location

NE/NW Sec. 9 T9S, 17E

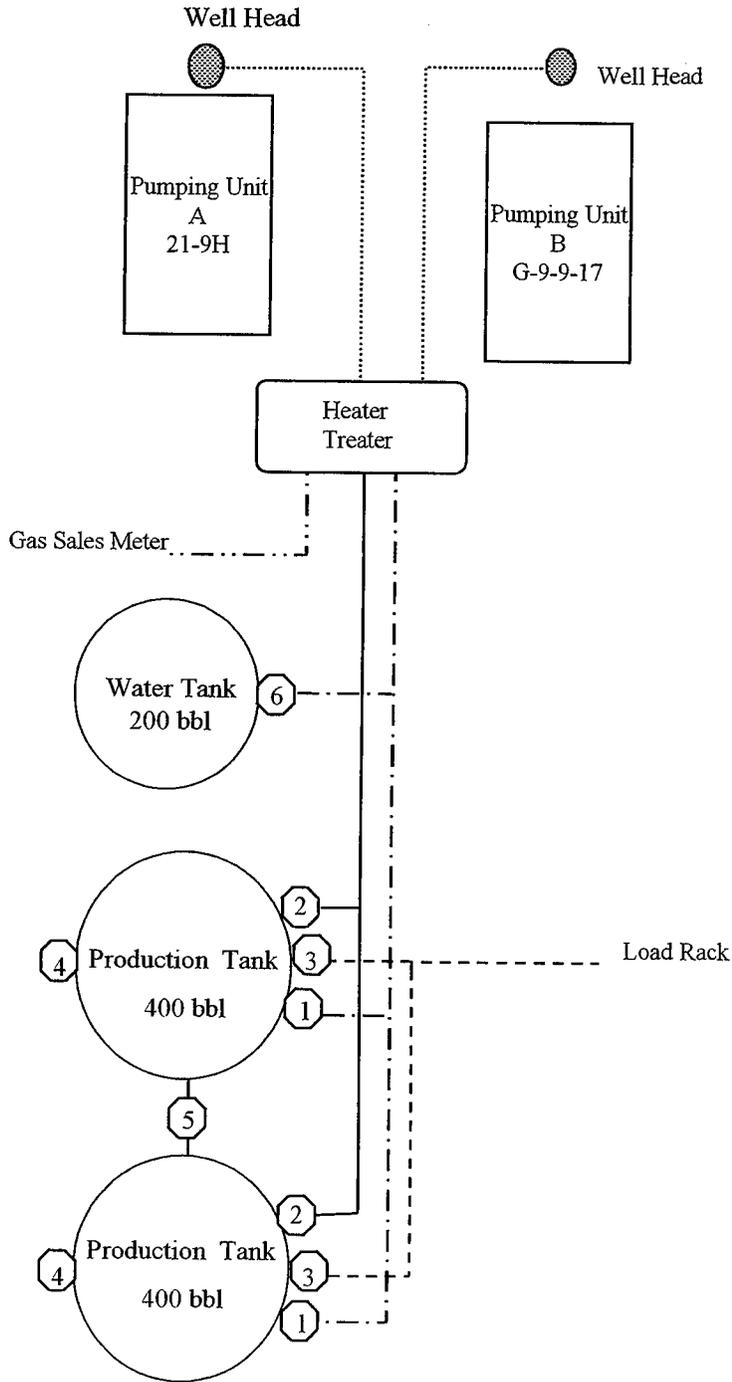
Duchesne County, Utah

UTU-50750

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

### Legend

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



### Production Phase:

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

### Sales Phase:

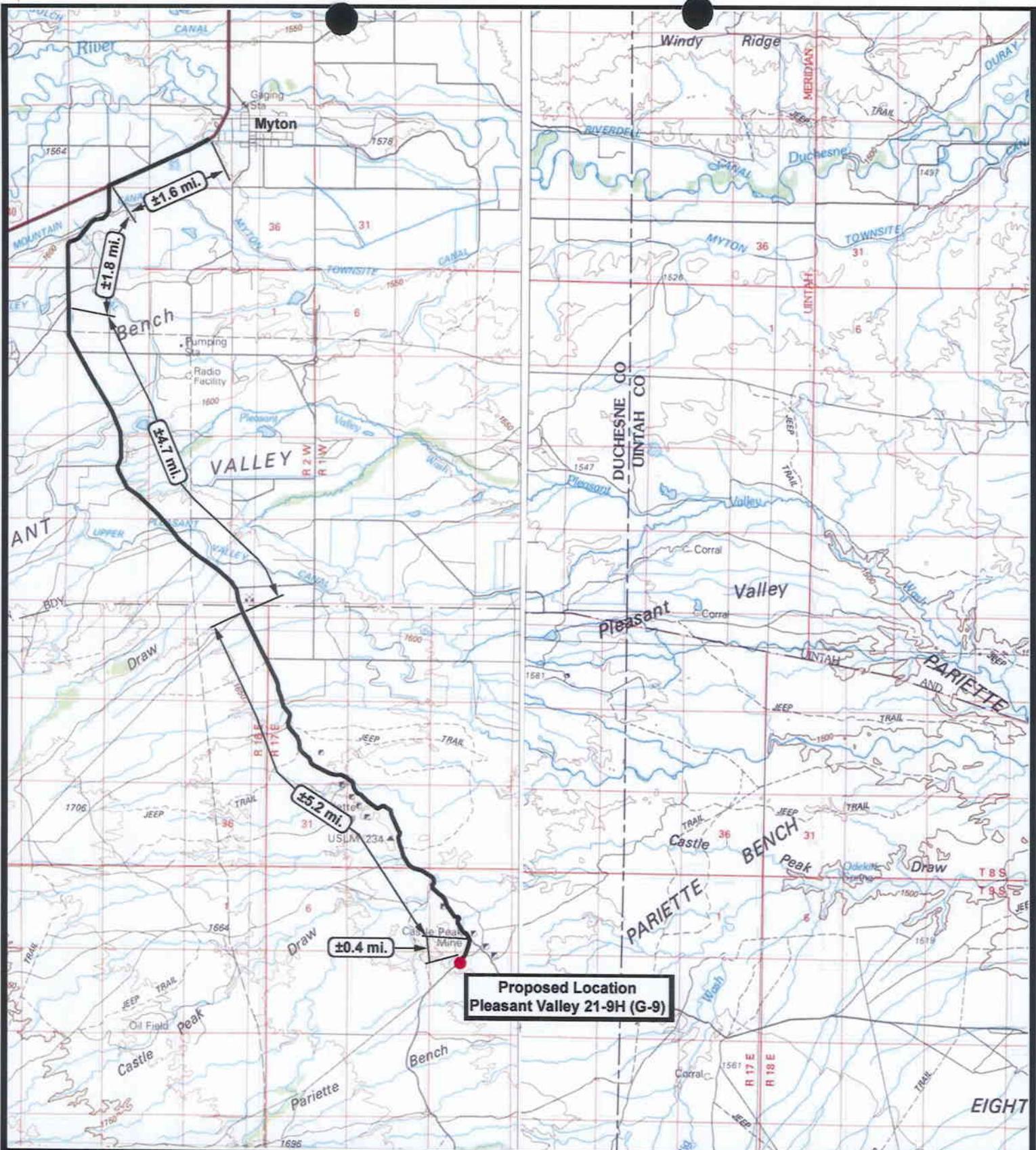
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

### Draining Phase:

- 1) Valves 1 and 6 open

Diked Section





**Proposed Location  
Pleasant Valley 21-9H (G-9)**

**NEWFIELD**  
Exploration Company

**Pleasant Valley 21-9H-9-17 (G-9)  
SEC. 9, T9S, R17E, S.L.B.&M.**



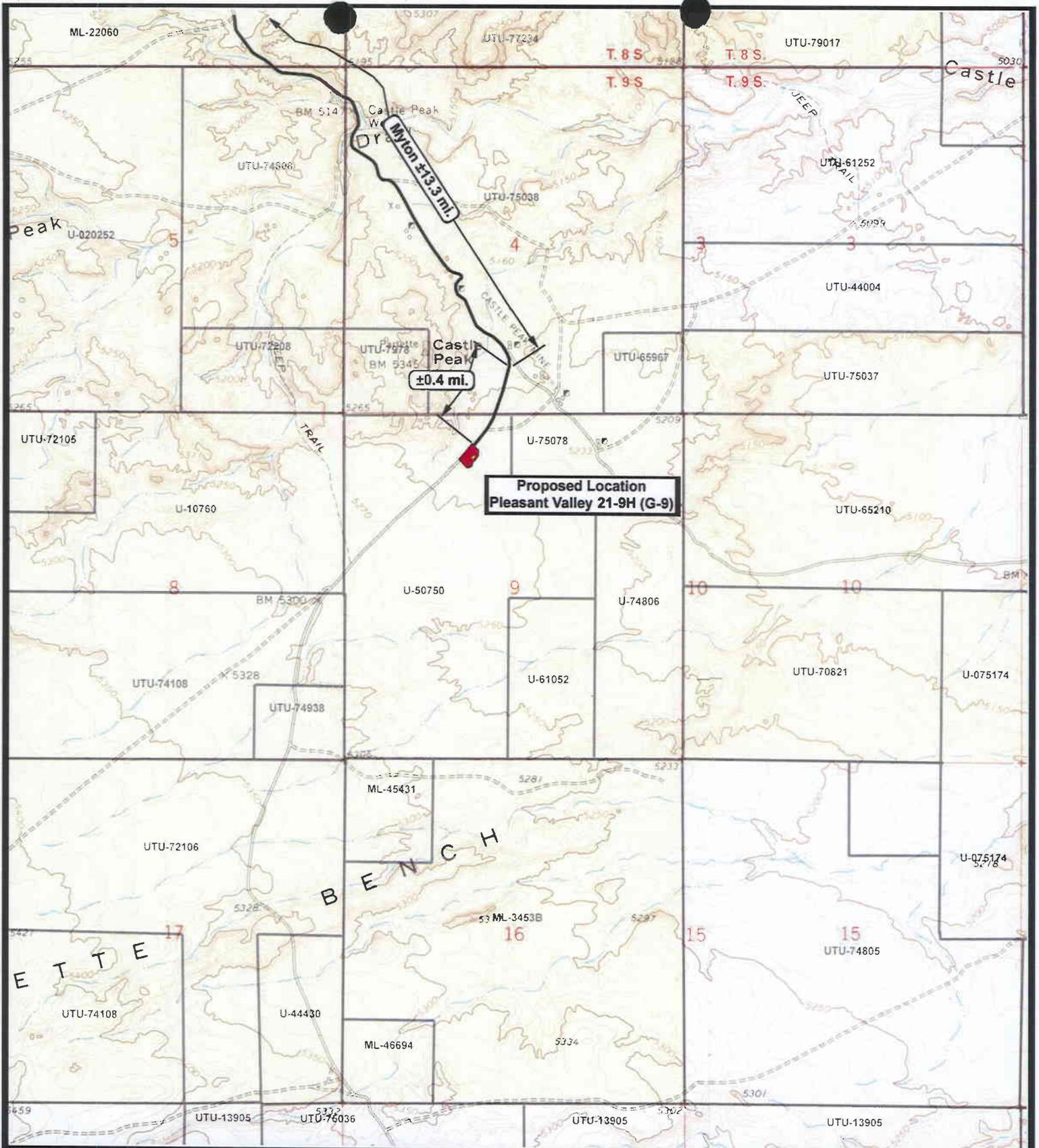
**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 05-15-2006

**Legend**

Existing Road

TOPOGRAPHIC MAP  
**"A"**



**NEWFIELD**  
Exploration Company

**Pleasant Valley 21-9H-9-17 (G-9)**  
**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: mw

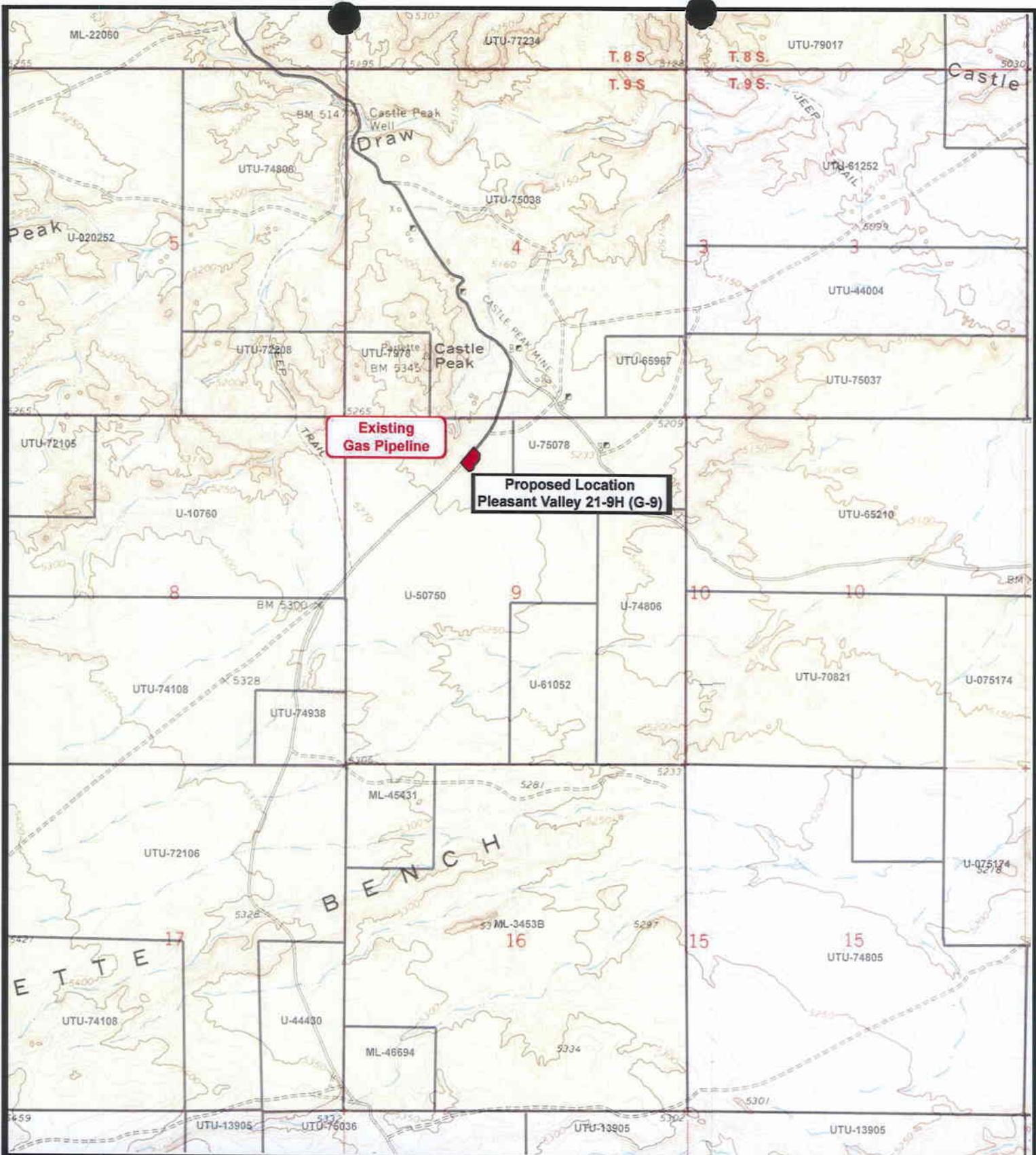
DATE: 05-15-2006

**Legend**

 Existing Road

TOPOGRAPHIC MAP

**"B"**



**Existing Gas Pipeline**

**Proposed Location Pleasant Valley 21-9H (G-9)**



**NEWFIELD**  
Exploration Company

**Pleasant Valley 21-9H-9-17 (G-9)**  
**SEC. 9, T9S, R17E, S.L.B.&M.**




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

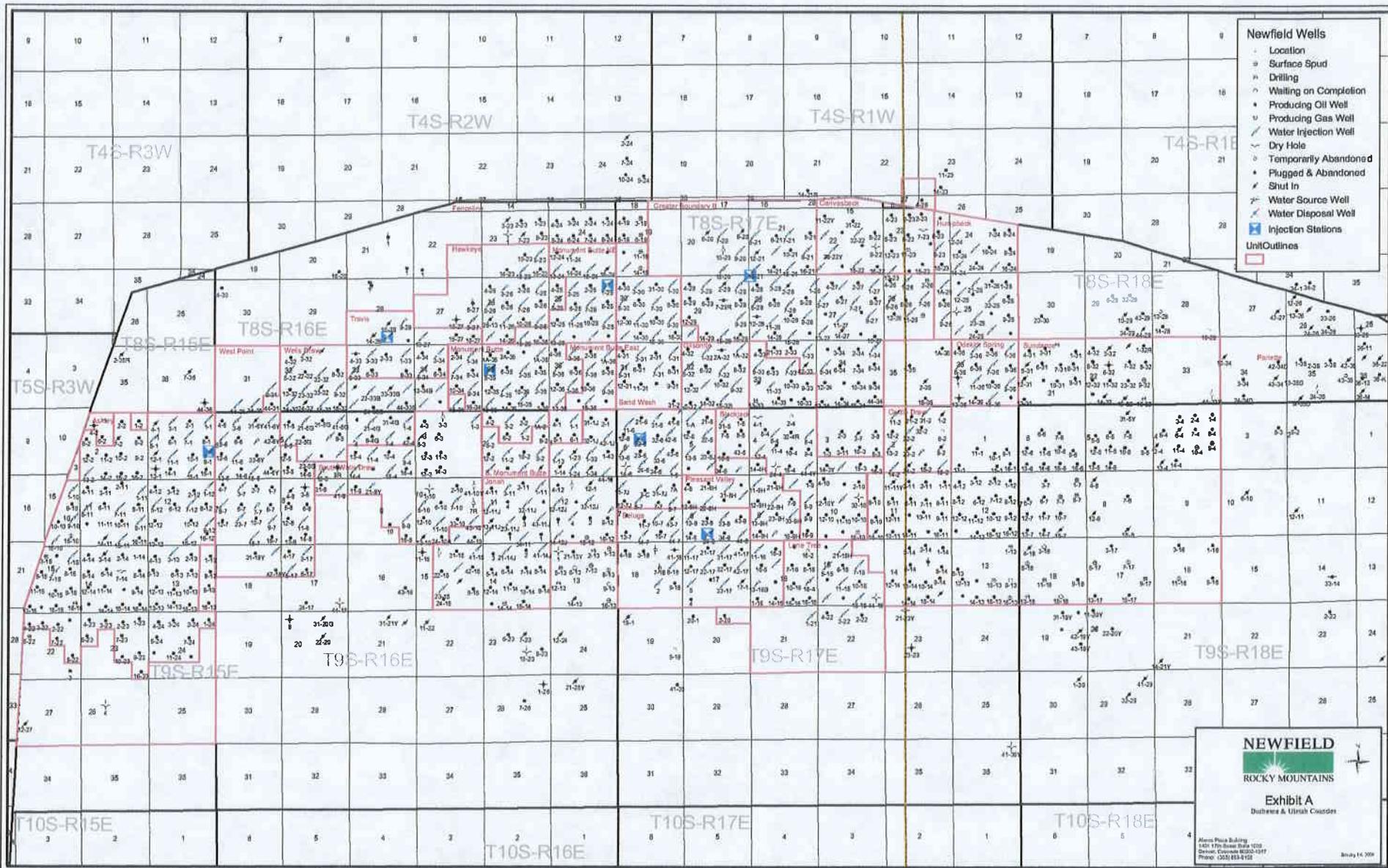
SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 05-15-2006

**Legend**

— Roads

**TOPOGRAPHIC MAP**

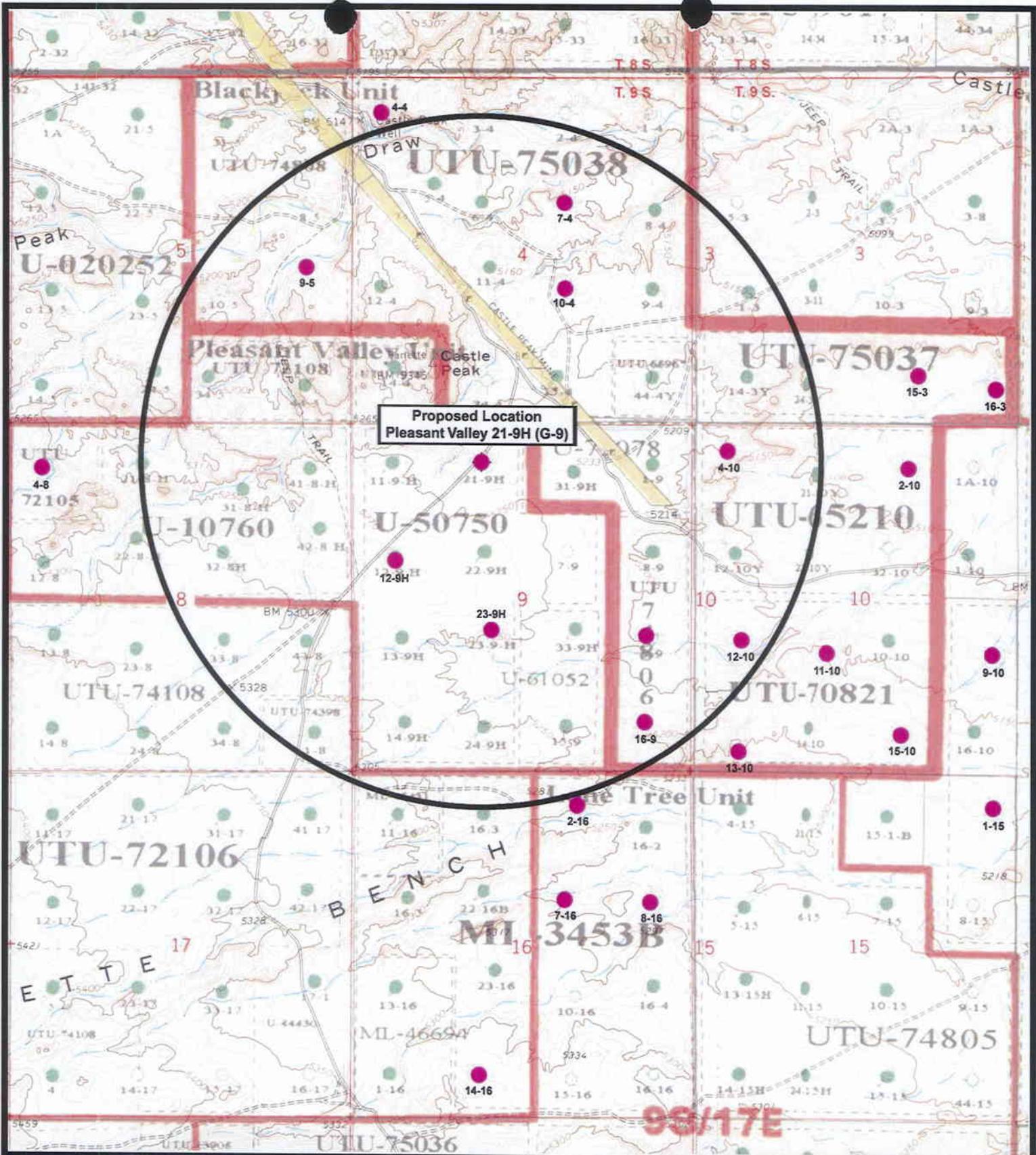
**"C"**



- 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 & Utah Counties

Allen Price Building  
 1401 17th Street Suite 1000  
 Denver, Colorado 80202-3377  
 Phone: (303) 833-9122  
 Rev. 14, 2009



Proposed Location  
Pleasant Valley 21-9H (G-9)



**NEWFIELD**  
Exploration Company

---

**Pleasant Valley 21-9H-9-17 (G-9)**  
**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: mw  
DATE: 05-12-2006

**Legend**

- Location
- One-Mile Radius

---

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

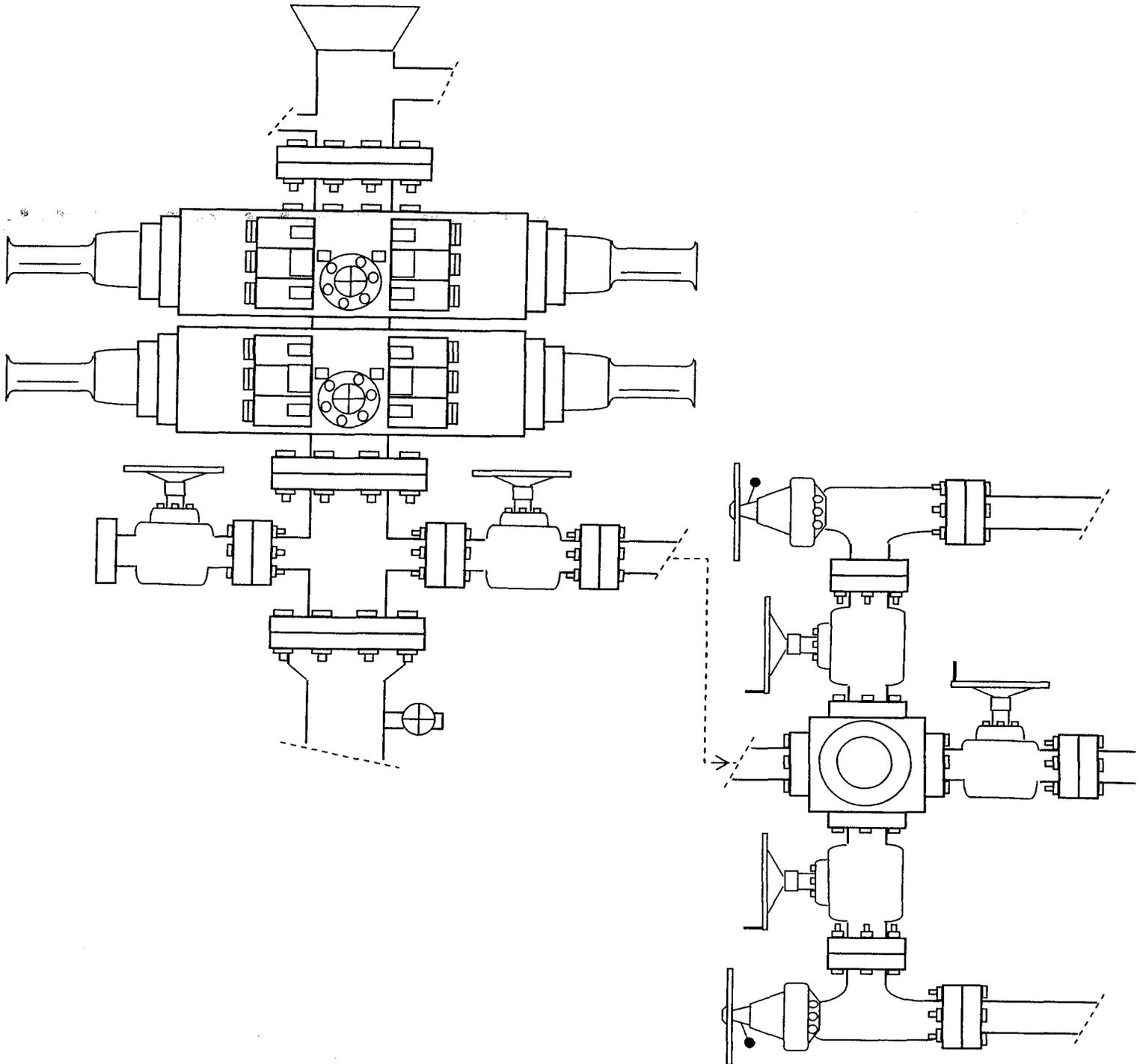


EXHIBIT C

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 07/26/2006

API NO. ASSIGNED: 43-013-33247

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

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NEW 09 090S 170E  
 SURFACE: 0663 FNL 1958 FWL  
 BOTTOM: 1320 FNL 1317 FWL  
 COUNTY: DUCHESNE  
 LATITUDE: 40.05089 LONGITUDE: -110.0133  
 UTM SURF EASTINGS: 584162 NORTHINGS: 4433662  
 FIELD NAME: MONUMENT BUTTE ( 105 )

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

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-50750  
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

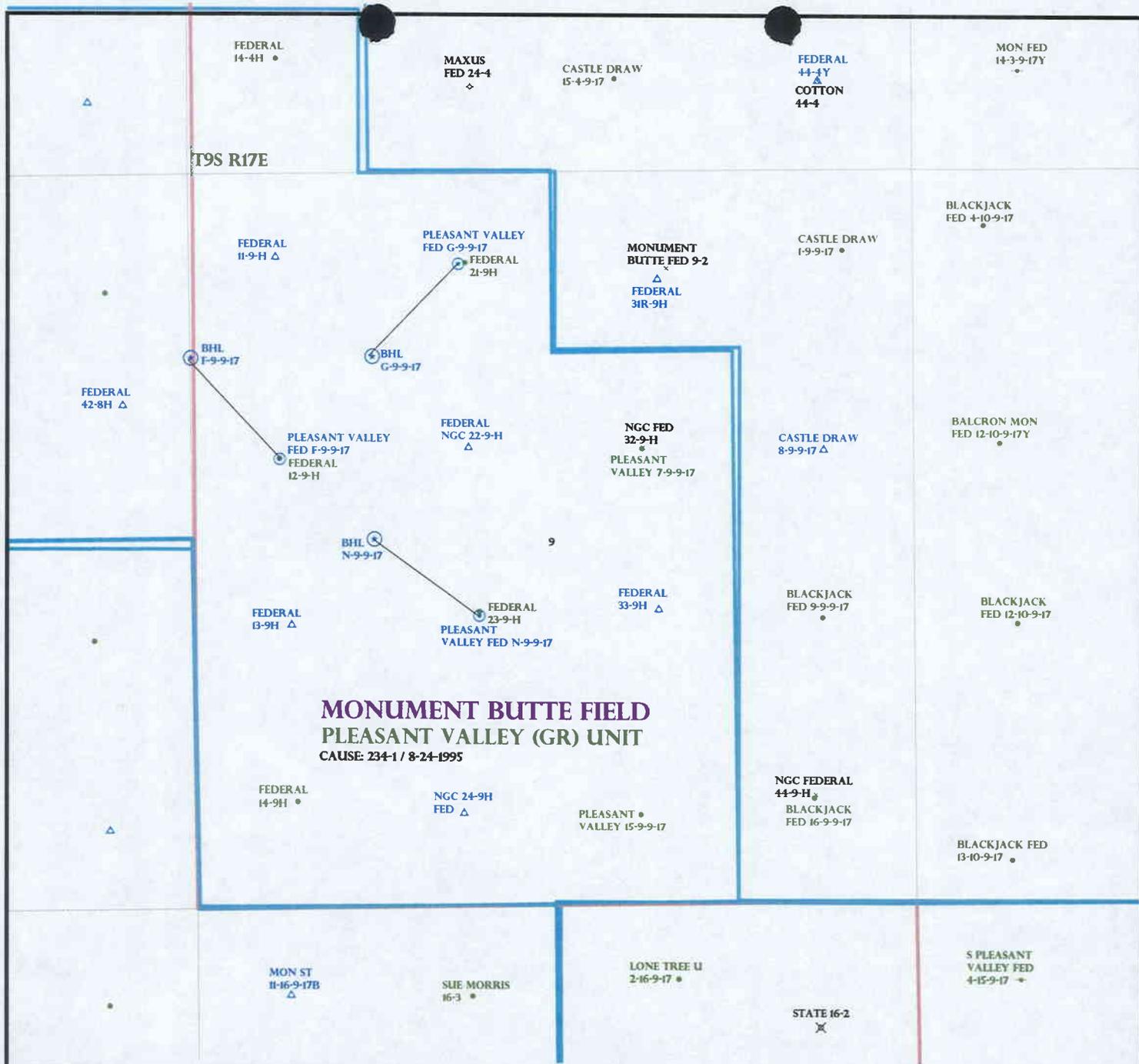
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UTB000192 )
- N Potash (Y/N)
- N Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. MUNICIPAL )
- N RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- NA Fee Surf Agreement (Y/N)
- NA Intent to Commingle (Y/N)

LOCATION AND SITING:

- \_\_\_\_ R649-2-3.
- Unit: PLEASANT VALLEY (GR)
- \_\_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- \_\_\_\_ R649-3-3. Exception
- Drilling Unit  
Board Cause No: 234-1 + Unit & Enh Rec.  
Eff Date: 8-24-1995  
Siting: Does Not Suspend General Siting
- R649-3-11. Directional Drill

COMMENTS: See Separate file

STIPULATIONS: 1- Federal Approval



**MONUMENT BUTTE FIELD  
PLEASANT VALLEY (GR) UNIT**  
CAUSE: 234-1 / 8-24-1995

OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 9 T.9S R.17E

FIELD: MONUMENT BUTTE (105)

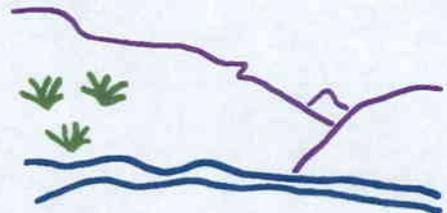
COUNTY: DUCHESNE

CAUSE: 234-1 / 8-24-1995

- Field Status**
- ABANDONED
  - ACTIVE
  - COMBINED
  - INACTIVE
  - PROPOSED
  - STORAGE
  - TERMINATED

- Unit Status**
- EXPLORATORY
  - GAS STORAGE
  - NF PP OIL
  - NF SECONDARY
  - PENDING
  - PI OIL
  - PP GAS
  - PP GEOTHERML
  - PP OIL
  - SECONDARY
  - TERMINATED

- Wells Status**
- GAS INJECTION
  - GAS STORAGE
  - LOCATION ABANDONED
  - NEW LOCATION
  - PLUGGED & ABANDONED
  - PRODUCING GAS
  - PRODUCING OIL
  - SHUT-IN GAS
  - SHUT-IN OIL
  - TEMP. ABANDONED
  - TEST WELL
  - WATER INJECTION
  - WATER SUPPLY
  - WATER DISPOSAL
  - DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 03-AUGUST-2006

# 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)

August 3, 2006

### Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2006 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, the following wells are planned for calendar year 2006 within the Pleasant Valley Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-33248	Pleasant Valley Fed N-9-9-17	Sec 9 T09S R17E 2078 FSL 2071 FWL BHL Sec 9 T09S R17E 2636 FSL 1316 FWL
43-013-33247	Pleasant Valley Fed G-9-9-17	Sec 9 T09S R17E 0663 FNL 1958 FWL BHL Sec 9 T09S R17E 1320 FNL 1317 FWL
43-013-33246	Pleasant Valley Fed F-9-9-17	Sec 9 T09S R17E 2048 FNL 0637 FWL BHL Sec 9 T09S R17E 1320 FNL 0000 FWL

These wells are part of a 20 acre infill program in the Greater Monument Butte Field. Telephone conversation with Kelly Donohoue, Newfield, indicated that they will apply for exceptions to the locating and siting requirements of the State of Utah (R649-3-2) on a well by well basis. Newfield is currently scheduled to seek relief on a unit basis at the September meeting of the Board of Oil Gas and Mining.

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

/s/ Michael L. Coulthard



August 31, 2006

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

RE: Directional Drilling R649-3-11  
Pleasant Valley Unit, UTU-74477X  
BLM Lease #UTU-50750 (surface & bottomhole), Duchesne Co., UT  
**Pleasant Valley Fed. F-9-9-17**; 2048' FNL, 637' FWL (at surface)  
1320' FNL, 0' FWL (bottomhole)  
Section 9-T9S-R17E  
**Pleasant Valley Fed. G-9-9-17**; 663' FNL, 1958' FWL (at surface)  
1320' FNL, 1317' FWL (bottomhole)  
Section 9-T9S-R17E  
**Pleasant Valley Fed. N-9-9-17**; 2078' FSL, 2071' FWL (at surface)  
2636' FSL, 1316' FWL (bottomhole)  
Section 9-T9S-R17E

RECEIVED  
SEP 05 2006

Dear Ms. Whitney:

DIV. OF OIL, GAS & MINING

Pursuant to the filing by Newfield Production Company (hereinafter "NPC") of three Applications for Permit to Drill dated July 25, 2006 (copies enclosed herewith) which concern the wells referenced above, NPC is hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to Directional Drilling.

These drillsite locations are situated on Federal Lease #UTU-50750 within the Pleasant Valley Unit. NPC is permitting these well as directional wells in order to minimize surface disturbance. Locating the wells at these surface locations and directionally drilling from these locations, NPC will be able to utilize the existing the existing roads and pipelines in the area.

Please note that NPC hereby certifies that it is the operator of the Pleasant Valley Unit and all lands within 460 feet of each of the entire directional well bores are owned either 100% by NPC or jointly between NPC and Key Production Company. Key Production Company has consented to these locations and a copy of their consent is attached hereto.

August 31, 2006  
Page Two

Therefore, based on the above stated information NPC requests the permit be granted pursuant to R649-3-11.

Sincerely,

Newfield Production Company

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

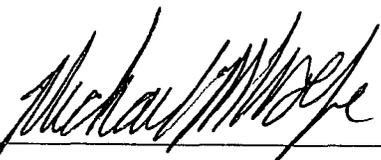
Rhonda Deimer  
Land Associate

Enclosures

Fax to: 303-893-0103  
Newfield Production Company  
Attn: Rhonda Deimer

RE: Pleasant Valley Federal F-9-9-17  
Sec. 9-9S-17E  
Pleasant Valley Federal G-9-9-17  
Sec. 9-9S-17E  
Pleasant Valley Federal N-9-9-17  
Sec. 9-9S-17E  
Pleasant Valley Unit, Duchesne Cty., Utah

Please be advised that Key Production Company does not have an objection to the proposed directional locations of the aforementioned wells.

By:   
Michael M. Wolfe, Regional Land Manager  
Print Name and Title

Date: 8/23/06



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

September 27, 2006

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

Re: Pleasant Valley Federal G-9-9-17 Well, Surface Location 663' FNL,  
1958' FWL, NE NW, Sec. 9, T. 9 South, R. 17 East, Bottom Location  
1320' FNL, 1317' FWL, NE 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 43-013-33247.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

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

Operator: Newfield Production Company  
Well Name & Number Pleasant Valley Federal G-9-9-17  
API Number: 43-013-33247  
Lease: UTU-50750

Surface Location: NE NW      Sec. 9      T. 9 South      R. 17 East  
Bottom Location: NE 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 Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

# RECEIVED

JUL 26 2006

Form 3160-3  
(September 2001)

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

### APPLICATION FOR PERMIT TO DRILL OR REENTER

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
8. Lease Name and Well No.	Pleasant Valley Federal G-9-9-17
9. API Well No.	43,013,33247
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

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	
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	
2. Name of Operator Newfield Production Company	
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/NW 663' FNL 1958' FWL At proposed prod. zone 1320' FNL 1317' FWL	
14. Distance in miles and direction from nearest town or post office* Approximatley 13.7 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. 1317' f/lse, 1320' f/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. 1322'	19. Proposed Depth 6120'
20. BLM/BIA Bond No. on file UTB000192	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5233' GL	22. Approximate date work will start* 4th Quarter 2006
23. Estimated duration Approximately seven (7) days from spud to rig release.	

#### 24. Attachments

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

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

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 7/25/06
Title Regulatory Specialist		
Approved by (Signature) <i>Jerry Kewels</i>	Name (Printed/Typed) Jerry Kewels	Date 2-15-2007
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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

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

\*(Instructions on reverse)

## NOTICE OF APPROVAL

# CONDITIONS OF APPROVAL ATTACHED

RECEIVED

FEB 22 2007

DIV. OF OIL, GAS & MINING

07BM4778A



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

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



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

**Company:** Newfield Production Company  
**Well No:** Pleasant Valley Federal G-9-9-17  
**API No:** 43-013-33247

**Location:** NENW, Sec 9, T9S, R17E  
**Lease No:** UTU-50750  
**Agreement:** Pleasant Valley Unit

<b>Title</b>	<b>Name</b>	<b>Office Phone Number</b>	<b>Cell Phone Number</b>
Petroleum Engineer:	Matt Baker	435-781-4490	435-828-4470
Petroleum Engineer:	Michael Lee	435-781-4432	435-828-7875
Petroleum Engineer:	James Ashley	435-781-4470	435-828-7874
Petroleum Engineer:	Ryan Angus	435-781-4430	
Supervisory Petroleum Technician:	Jamie Sparger	435-781-4502	435-828-3913
NRS/Enviro Scientist:	Paul Buhler	435-781-4475	435-828-4029
NRS/Enviro Scientist:	Karl Wright	435-781-4484	
NRS/Enviro Scientist:	Holly Villa	435-781-4404	
NRS/Enviro Scientist:	Melissa Hawk	435-781-4476	435-828-7381
NRS/Enviro Scientist:	Chuck MacDonald	435-781-4441	
NRS/Enviro Scientist:	Jannice Cutler	435-781-3400	
NRS/Enviro Scientist:	Michael Cutler	435-781-3401	
NRS/Enviro Scientist:	Anna Figueroa	435-781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	435-781-3402	
NRS/Enviro Scientist:	Darren Williams	435-781-4447	
NRS/Enviro Scientist:	Nathan Packer	435-781-3405	
<b>After Hours Contact Number: 435-781-4513</b>		<b>Fax: 435-781-4410</b>	

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

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

**NOTIFICATION REQUIREMENTS**

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

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

**STIPULATIONS:**

- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- Mountain Plover timing stipulation. The proposed area contains Mountain plover habitat. With this occurrence there will be a timing restriction to minimize disturbance during Mountain Plover nesting from May 1 – June 15, no use shall occur during this period. If construction will be required during this period, Bureau biologists shall be notified approximately 1 month prior to the start of construction. A Mountain Plover survey will need to be conducted according to FWS standards prior to construction.
- Lease Notices from RMP: Lessee/operator is given notice the area has been identified as containing Golden Eagle and Ferruginous Hawk habitat. Modifications may be required in the Surface Use Plan to protect the Golden Eagle and Ferruginous Hawk and/or their 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 proposed area contains fair to marginal Mountain Plover habitat.
- The well location and any area to be disturbed (limited to existing location) shall be surveyed for Mountain Plover prior to construction, if activity is between May 1 and June 15.

**Notice to Lessee- Oil and Gas Lease Qualifications:**

- This lease is the under the provisions of the Mineral Leasing Act (MLA) of 1920, as amended by the Federal Coal Leasing Amendments Act of 1976, affect an entity's qualifications to obtain an oil and gas lease.

**CONDITIONS OF APPROVAL:**

- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- 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 four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.

- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.

The interim seed mix for this location shall be:

Crested wheatgrass (*Agropyron cristatum*): 4 lbs/acre  
Needle and Threadgrass (*Hesperostipa comata*): 4 lbs/acre  
Indian Ricegrass (*Achnatherum hymenoides*): 4 lbs/acre

- All pounds are in pure live seed.
- Rates are set for drill seeding; double the rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.
- The operator will be responsible for treatment and control of invasive and noxious weeds.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding shall take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.

- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

**General Surface COA**

**Operator shall notify any active Gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.**

### **DOWNHOLE CONDITIONS OF APPROVAL**

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

#### **SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

- None

#### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. 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. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- 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 lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
- All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

- The lessee/operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, etc.) to Peter Sokolosky or another geologist of 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.
- All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- 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.
- 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.
- Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the written report requirement. 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 pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.
- 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.
- 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.
- A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- 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.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The 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.
- 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.
- This APD is approved subject to the requirement that, 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 Field Office Petroleum Engineers.
- 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.
- 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 Fed G-9-9-17

API No: 43-013-33247 Lease Type: Federal

Section 09 Township 09S Range 17E County Duchesne

Drilling Contractor NDSI Rig # NS#1

### **SPUDDED:**

Date 6-20-07

Time 7:30 AM

How Dry

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

Reported by Troy

Telephone # 435-823-2072

Date 6-20-07 Signed RM

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		
A	99999	16215	4301333068	FEDERAL 9-20-9-16	NESE	20	9S	16E	DUCHESNE	6/14/2007	6/28/07
WELL 1 COMMENTS: <i>GRRU</i>											
A	99999	16201	4301333105	FEDERAL 15-20-9-16	SWSE	20	9S	16E	DUCHESNE	6/13/2007	6/21/07
WELL 2 COMMENTS: <i>GRRU</i>											
B	99999	12277	4301333247	PLEASANT VALLEY FED G-9-9-17	NENW	9	9S	17E	DUCHESNE	6/20/2007	6/21/07
WELL 3 COMMENTS: <i>GRRU</i>											
WELL 5 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

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

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

RECEIVED  
JUN 20 2007

DIV. OF OIL, GAS & MINING

*Jenri Park*  
Signature  
Jenri Park  
Production Clerk  
June 28, 2007  
Date



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

8 5/8 CASING SET AT 324.02

LAST CASING 8 5/8" set @ 324.02  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 320' LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

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

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 44.73'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	312.17
		<b>GUIDE</b> shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			314.02
TOTAL LENGTH OF STRING		314.02	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			<b>324.02</b>
TOTAL		312.17	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		312.17	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.	Spud	6/20/2007	7:30 AM	GOOD CIRC THRU JOB			YES
CSG. IN HOLE		6/20/2007	3:30 PM	Bbls CMT CIRC TO SURFACE			13
BEGIN CIRC		6/21/2007	8:17 AM	RECIPROCATED PIPE FOR			N/A
BEGIN PUMP CMT		6/21/2007	8:28 AM				
BEGIN DSPL. CMT		6/21/2007	8:36 AM	BUMPED PLUG TO			104 PSI
PLUG DOWN		6/21/2007	8:42 AM				
CEMENT USED		CEMENT COMPANY- <b>B. J.</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third for 3							

COMPANY REPRESENTATIVE Troy Zufelt

DATE 6/21/2007

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.

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. G-9-9-17  
PLEASANT VALLEY FEDERAL

9. API Well No.  
4301333247

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
DUCHESNE, UT

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)  
663 FNL 1958 FWL  
NENW Section 9 T9S R17E

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

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

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

On 6/24/07 MIRU NDSI Rig # 2. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 278'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6120'. 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, 138 jt's of 5.5 J-55, 15.5# csgn. Set @ 6099.91' KB. Cement with 325 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 15 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 88,000 #'s tension. Release rig @ 9:00 pm 7/1/07

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

Signature Don Bastian

Title  
Drilling Foreman

Date  
07/02/2007

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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

Office \_\_\_\_\_

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

(Instructions on reverse)

RECEIVED

JUL 06 2007

DIV. OF OIL, GAS & MINING

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

5 1/2" CASING SET AT 6099.91

Flt cllr @ 6104.96'

LAST CASING 8 5/8" SET # 324.02'  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING 12'  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 6130' Loggers 6118'  
 HOLE SIZE 7 7/8"

OPERATOR Newfield Production Company  
 WELL PV Federal G-9-9-17  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # NDSI #2  
 TVD=' 6002

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		<b>Short jt</b> 4301' (6.90')					
<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>	6092.96
		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>	20.12
		<b>GUIDE</b> shoe			<b>8rd</b>	<b>A</b>	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6128.33
TOTAL LENGTH OF STRING		6128.33	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		267.07	6	CASING SET DEPTH			<b>6099.91</b>
TOTAL		<b>6380.15</b>	145	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6380.15	145				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		9:30 AM	7/1/2007	GOOD CIRC THRU JOB <u>Yes</u>			
CSG. IN HOLE		1:30 PM	7/1/2007	Bbls CMT CIRC TO SURFACE <u>15</u>			
BEGIN CIRC		1:30 PM	7/1/2007	RECIPROCATED PIPE FOR <u>THRUSTROKE NA</u>			
BEGIN PUMP CMT		2:54 PM	7/1/2007	DID BACK PRES. VALVE HOLD ? <u>Yes</u>			
BEGIN DSPL. CMT		3:55 PM	7/1/2007	BUMPED PLUG TO <u>1500</u> PSI			
PLUG DOWN		<b>4:20 PM</b>	<b>7/1/2007</b>				
CEMENT USED		CEMENT COMPANY- <b>B. J.</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
<b>1</b>	<b>325</b>	Premlite II w/ 10% gel + 3 % KCL, 3#/s /sk CSE + 2# sk/kolseal + 1/2#/s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.49 cf/sk yield					
<b>2</b>	<b>450</b>	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Don Bastian DATE 7/1/2007

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.

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. G-9-9-17  
PLEASANT VALLEY FEDERAL

9. API Well No.  
4301333247

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
DUCHESNE, UT

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)  
663 FNL 1958 FWL  
NENW 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	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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.)

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

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

I hereby certify that the foregoing is true and correct (Printed/ Typed) Mandie Crozier	Title Regulatory Specialist
Signature <i>Mandie Crozier</i>	Date 08/06/2007

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

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

(Instructions on reverse)

**RECEIVED**  
**AUG 13 2007**

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-50750

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
PLEASANT VALLEY UNIT

1. TYPE OF WELL:      OIL WELL       GAS WELL       OTHER

8. WELL NAME and NUMBER:  
PLEASANT VALLEY FEDERAL G-9-9-17

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301333247

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

10. FIELD AND POOL, OR WILDCAT:  
MONUMENT BUTTE

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 663 FNL 1958 FWL  
  
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENW, 9, T9S, R17E

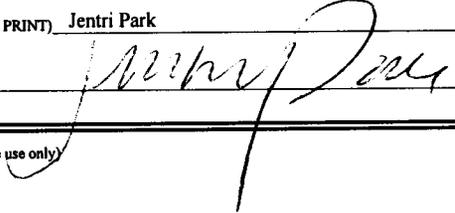
COUNTY: DUCHESNE  
  
STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: <u>08/07/2007</u>	<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 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 08/05/07, attached is a daily completion status report.

**RECEIVED**  
**AUG 14 2007**  
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Jentri Park      TITLE Production Clerk  
SIGNATURE       DATE 08/07/2007

(This space for State use only)

**Daily Activity Report**

Format For Sundry

**PLSNT VLY G-9-9-17****5/1/2007 To 9/30/2007****7/17/2007 Day: 1****Completion**

Rigless on 7/16/2007 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6062' & cement top @ 116'. Perforate stage #1. CP5 sds @ 5841-48' w/ 3 1/8" Slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 28 shots. 145 BWTR. SIFN.

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**7/26/2007 Day: 2****Completion**

Rigless on 7/25/2007 - RU BJ Services. 16 psi on well. Frac CP5 sds w/ 19,992#'s of 20/40 sand in 333 bbls of Lightning 17 fluid. Broke @ 3951 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2275 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 1914 psi. Leave pressure on well. 478 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 12' & 8' perf gun. Set plug @ 5730'. Perforate CP2 sds @ 5614-26', CP1 sds @ 5568-76' w/ 3-1/8" Slick Guns w/ 4 spf for total of 80 shots. RU BJ Services. 1451 psi on well. Frac CP1 & CP2 sds w/ 120,446#'s of 20/40 sand in 876 bbls of Lightning 17 fluid. Broke @ 3349 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1860 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 1990 psi. Leave pressure on well. 1354 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 13' perf gun. Set plug @ 5450'. Perforate LODC sds @ 5341-54' w/ 3-1/8" Slick Guns w/ 4 spf for total of 52 shots. RU BJ Services. 1652 psi on well. Frac LODC sds w/ 55,330#'s of 20/40 sand in 496 bbls of Lightning 17 fluid. Broke @ 2295 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1998 psi @ ave rate of 24.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2159 psi. Leave pressure on well. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 5' perf gun. Set plug @ 5040'. Perforate B.5 sds @ 4935-40' w/ 3-1/8" Slick Guns w/ 4 spf for total of 20 shots. SIWFN w/ 1850 BWTR.

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**7/27/2007 Day: 3****Completion**

Rigless on 7/26/2007 - RU BJ Services. 1819 psi on well. Frac B.5 sds w/ 14,968#'s of 20/40 sand in 263 bbls of Lightning 17 fluid. Broke @ 3924 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2340 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 2160 psi. Leave pressure on well. 2113 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 9' perf gun. Set plug @ 4910'. Perforate C sds @ 4849-58' w/ 3-1/8" Slick Guns w/ 4 spf for total of 36 shots. RU BJ Services. 1747 psi on well. Frac C sds w/ 50,499#'s of 20/40 sand in 445 bbls of Lightning 17 fluid. Broke @ 3616 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2420 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISIP 2379 psi. Leave pressure on well. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 16' perf gun. Tagged sand @ 4811'. Set plug @ 4800', Got sanded in. Was unable to get free. Pulled off

WL. Left Setting tool, 16' perf gun & Collar locator in hole (31' overall length, Top of CCL @ 4770', 3 1/8" OD on CCL). SIWFN w/ 2558 BWTR.

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7/31/2007 Day: 4

Completion

Western #4 on 7/30/2007 - RU Western #4. 310 psi on well. Bleed off pressure. Talley, PU & RIH w/ 4 1/2" Wash over shoe, 1 jt of 4 1/2" wash pipe, X-overs & 141 jts of 2 7/8" J-55 tbg. RU pump & lines. Circulate down w/ 11 jts of tbg to top of setting tool. TOH w/ tbg, LD washpipe. Talley, PU & RIH w/ Overshot w/ 3 1/8" graffle, Bumper sub, Super jars & 152 jts of 2 7/8" tbg. Latched on to Collar locator @ 4770'. Jar collar locator, perf gun & setting tool loose (Jarred 2 times). TOH w/ tbg. LD fishing tools, CCL, 16' perf gun & setting tools. PU & RIH w/ 2 7/8" Notched collar & 153 jts of 2 7/8" tbg. Tagged sand @ 4814'. C/O to plug @ 4800'. POOH w/ 2 jts of tbg. EOT @ 4751'. SIWFN w/ 2543 BWTR.

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8/1/2007 Day: 5

Completion

Western #4 on 7/31/2007 - 400 psi on well. Bleed off pressure. RIH w/ 2- jts of 2 7/8" J-55 tbg. Tagged sand @ 4765' (35' of new fill). RU pump & lines. Circulate clean down to plug @ 4800'. TOH w/ tbg. RU BJ Services ram head. RU Lone Wolf WL truck & lubricator. RIH w/ 16' (3 1/8") perf gun. Perforate D2 sds @ 4746- 4762' w/ 4 SPF for a total of 64 holes. RU BJ Services. 308 psi on well. Frac D2 sds w/ 87,430#'s of 20/40 sand in 695 bbls of Lightning 17 fluid. Broke @ 3915 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2361 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #7. ISIP 2640 psi. Leave pressure on well. 3238 BWTR. RU Lone Wolf WL, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 7' perf gun. Set plug @ 4730'. Perforate D1 sds @ 4683-90' w/ 3-1/8" Slick Guns w/ 4 spf for total of 28 shots. RU BJ Services. 2380 psi on well. Pressured up to 4200 psi, Would not breakdown. RU WL & dump bail acid. RU BJ Services. 2010 psi on well. Frac D1 sds w/ 19,558#'s of 20/40 sand in 305 bbls of Lightning 17 fluid. Broke @ 3396 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2782 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #8. ISIP 2615 psi. Leave pressure on well. 3543 BWTR. RU Lone Wolf WL, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 11' perf gun. Set plug @ 4360'. Perforate GB6 sds @ 4248-59' w/ 3-1/8" Slick Guns w/ 4 spf for total of 44 shots. RU BJ Services. 2042 psi on well. Frac GB6 sds w/ 57,150#'s of 20/40 sand in 493 bbls of Lightning 17 fluid. Broke @ 4022 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1918 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #9. ISIP 1976 psi. Leave pressure on well. 4036 BWTR. RU Lone Wolf WL, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 10' perf gun. Set plug @ 4230'. Perforate GB4 sds @ 4179-89' w/ 3-1/8" Slick Guns w/ 4 spf for total of 40 shots. RU BJ Services. 1666 psi on well. Frac GB4 sds w/ 40,120#'s of 20/40 sand in 402 bbls of Lightning 17 fluid. Broke @ 4000 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2011 psi @ ave rate of 24.8 BPM. ISIP 2115 psi. Begin immediate flowback on 12/64 choke. Flowed for 4 hrs & died. Rec. 240 BTF. 4198 BWTR.

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8/2/2007 Day: 6

Completion

Western #4 on 8/1/2007 - Bleed well off. Recovered 50 BTF W/ est 10% oil cut. Flowing steady 1 BPM. RU & bullhead 60 bbls 10# brine wtr. Pressure @ 1000 psi at end. Bleed well down (flow not decreasing). Shut in 2 times for 15 minutes each. Builds up to 500 psi. On third bleed off oil cut increasing. Flowed 30 bbls brine back.

RU Perforators LLC & set Weatherford 5 1/2" composite solid plug @ 4092'. RD WLT. Bleed pressure off well. ND Cameron BOP & 5M frac head. Install 3M production tbg head & NU Weatherford Schaeffer BOP. TIH W/ used 4 3/4" "Chomp" bit, bit sub & tbg, Tag sd @ 4078'. Circ hole W/ clean wtr. RU power swivel. C/O sd & drill out kill plug @ 4092' in 30 minutes. Circ bubble out. Con't C/O sd & drill out composite plugs as follows (using conventional circulation): no sd, plug @ 4230' in 20 minutes; sd @ 4353', plug @ 4360' in 25 minutes. Hang back swivel. SIFN W/ EOT @ 4411'. Est 4178 BWTR.

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8/3/2007 Day: 7

Completion

Western #4 on 8/2/2007 - Bleed well off to production tks. Pump 20 BW dn tbg (leave annulus flowing). Con't TIH W/ bit & tbg f/ 4411'. Con't C/O sd & drill out composite bridge plugs as follows (using conventional circulation): no sd, plug @ 4730' in 23 minutes; no sd, plug @ 4800' in 48 minutes; sd @ 4812', plug @ 4910' in 22 minutes; sd @ 4935', plug @ 5040' in 32 minutes; no sd, plug @ 5450' in 27 minutes; sd @ 5695', plug @ 5730' in 29 minutes. Con't swivelling jts in hole. Tag fill @ 5991'. Drill plug remains & sd to PBD @ 6079'. Circ hole clean. Gained est 410 BW during cleanout & bleed off. RD swivel. Pull EOT to 6017'. Flow well to pit for 3 hrs for cleanup. Rec est 180 BTF W/ no sd. Gas is increasing somewhat. FOC @ 10%. SICP @ 140 psi. SIFN W/ est 3588 BWTR. \*\*Skimmed & transferred 120 BO f/ flat tank\*\*

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8/6/2007 Day: 8

Completion

Western #4 on 8/5/2007 - Bleed well off to production tks. Pump 20 BW dn tbg (leave annulus flowing). TIH W/ tbg f/ 6017'. Tag PBD @ 6079' (no new fill). RU & circ well W/ 160 bbls 10# brine wtr. Returned est 150 BW & 20 BO to production tks f/ flowback & circulating. Well fairly stable. LD excess tbg. TOH W/ tbg--LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 1 jt tbg, new Weatherford Type "T" TA (40K shear--RH set & auto release) & 185 jts 2 7/8 8rd 6.5# J-55 tbg. Well flowing moderately (rec est 50 BW to pit on trip). RU & circ hole W/ fresh 10# brine wtr. Lost est 25 bbls brine. ND BOP. Set TA 5833' W/ SN @ 5867' & EOT @ 5931'. Land tbg W/ 16,000# tension. NU wellhead. RU & pump 60 bbls 10# brine dn tbg (returned to pit). PU & TIH W/ pump and "A" grade rod string as follows: new CDI 2 1/2" X 1 3/4" X 20' RHAC pump, 4-1 1/2" weight rods, 230-7/8" scraped rods (78 grade W/ 8 scrapers per rod), 1-6' X 7/8" pony 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 3573 BWTR. Place well on production @ 5:30 PM 8/3/2007 W/ 144" SL @ 6 SPM. FINAL REPORT!!

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Pertinent Files: Go to File List

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

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

1a. TYPE OF WORK  
 OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

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

5. LEASE DESIGNATION AND SERIAL NO.  
 UTU-50750

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 NA

7. UNIT AGREEMENT NAME  
 Pleasant Valley Federal

8. FARM OR LEASE NAME, WELL NO.  
 Pleasant Valley Federal G-9-9-17

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 663' FNL & 1958' FWL (NE/NW) Sec. 9, T9S, R17E  
 At top prod. Interval reported below

9. WELL NO.  
 43-013-33247

10. FIELD AND POOL OR WILDCAT  
 Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
 Sec. 9, T9S, R17E

14. API NO. 43-013-33247 DATE ISSUED 09/27/06

12. COUNTY OR PARISH Duchesne 13. STATE UT

15. DATE SPUNDED 06/20/07 16. DATE T.D. REACHED 06/30/07 17. DATE COMPL. (Ready to prod.) 08/03/07 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5233' GL 5245'

20. TOTAL DEPTH, MD & TVD 6120' 6010 21. PLUG BACK T.D., MD & TVD 6079' 5916.9 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 4179'-5848'

25. WAS DIRECTIONAL SURVEY MADE  
 No Yes

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

27. WAS WELL CORED  
 No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	324'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6100'	7-7/8"	325 sx Premlite II and 450 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 @ 5931'	TA @ 5833'

**31. PERFORATION RECORD (Interval, size and number)**

INTERVAL	SIZE	SPF/NUMBER
(CP5) 5841'-5848'	.49"	4/28
(CP2 & 1) 5614'-5626', 5568'-5576'	.43"	4/80
(LODC) 5341'-5354'	.43"	4/52
(B.5) 4935'-4940'	.43"	4/20
(C) 4849'-4858'	.43"	4/36
(D2) 4746'-4762'	.43"	4/64
(D1) 4683'-4690'	.43"	4/28
(GB6) 4248'-4259'	.43"	4/44
(GB4) 4179'-4189'	.43"	4/40

**32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.**

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5841'-5848'	Frac w/ 19,992# 20/40 sand in 333 bbls fluid
5568'-5626'	Frac w/ 120,446# 20/40 sand in 876 bbls fluid
5341'-5354'	Frac w/ 55,330# 20/40 sand in 496 bbls fluid
4935'-4940'	Frac w/ 14,968# 20/40 sand in 263 bbls fluid
4849'-4858'	Frac w/ 50,499# 20/40 sand in 445 bbls fluid
4746'-4762'	Frac w/ 87,430# 20/40 sand in 695 bbls fluid
4683'-4690'	Frac w/ 19,558# 20/40 sand in 305 bbls fluid
4248'-4259'	Frac w/ 57,150# 20/40 sand in 493 bbls fluid
4179'-4189'	Frac w/ 40,120# 20/40 sand in 402 bbls fluid

**33.\* PRODUCTION**

DATE FIRST PRODUCTION 08/03/07 PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-3/4" x 20' RHAC SM Plunger Pump WELL STATUS (Producing or shut-in) PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PRODN. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 day ave			----->	81	21	47	259

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

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold & Used for Fuel TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS \_\_\_\_\_

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.  
 SIGNED Jentri Park TITLE DIV. OF OIL, GAS & MINING Production Clerk DATE 8/15/2007

**RECEIVED  
AUG 20 2007**

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

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);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Pleasant Valley Federal G-9-9-17	Garden Gulch Mkr	3688'	
				Garden Gulch 1	3883'	
				Garden Gulch 2	3999'	
				Point 3 Mkr	4267'	
				X Mkr	4506'	
				Y-Mkr	4540'	
				Douglas Creek Mkr	4666'	
				BiCarbonate Mkr	4902'	
				B Limestone Mkr	5029'	
				Castle Peak	5518'	
				Basal Carbonate	5942'	
				Wasatch	6063'	
				Total Depth (LOGGERS)	6118'	



Scientific Drilling

Directional Survey Certification

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

RE: Newfield Exploration Co. Operator
Pleasant Valley G-9-9-17 Well Name & No.
Duchesne County, UT County & State
42DEF0706511 SDI Job No.

I, Julie Cruse, having personal knowledge of all the facts, hereby certify that the attached directional survey run from a measured depth of 393 feet to a measured depth of 6120 feet is true and correct as determined from all available records.

Julie Cruse
Signature

Rockies Region Engineer
Title

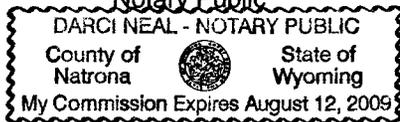
Scientific Drilling International
Company

State of : Wyoming }
County of : Natrona } ss

On this 13th day of July, 2007, before me personally appeared Julie Cruse to me known as the person described in and who executed the foregoing instrument and acknowledged that (s)he executed the same as his/her free act and deed.

Seal Darci Neal
Notary Public

Aug 12, 2009
My Commission Expires

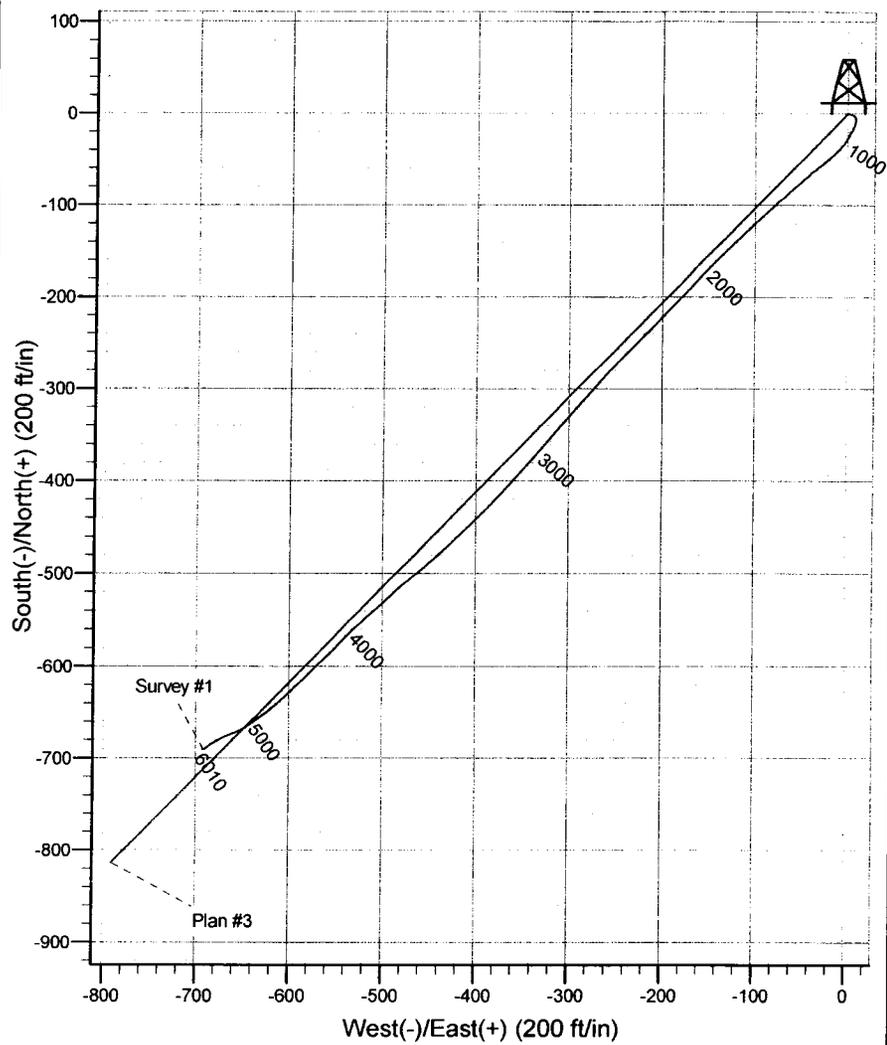
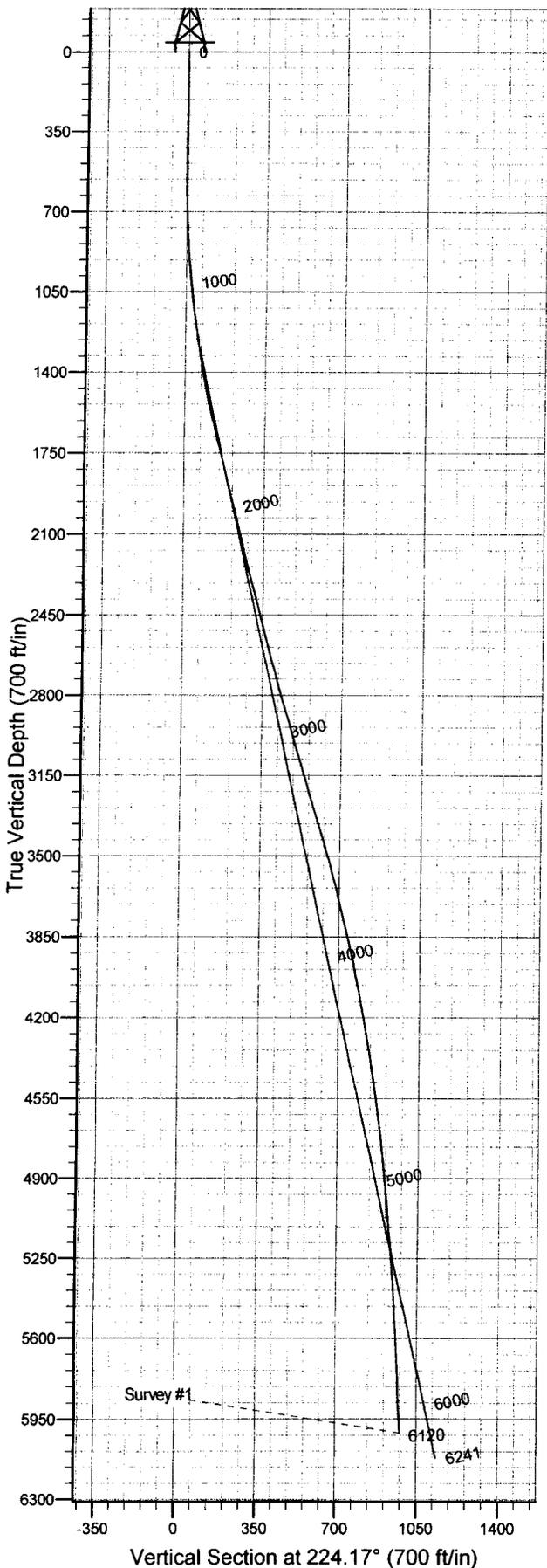




**Scientific Drilling**  
Rocky Mountain Operations

Project: Duchesne County, UT  
Site: Pleasant Valley G-9-9-17  
Well: Pleasant Valley G-9-9-17  
Wellbore: OH  
Design: OH

**Newfield Exploration Co.**



**WELL DETAILS: Pleasant Valley G-9-9-17**

Ground Level: GL 5233' & RKB 12' @ 5245.00ft					
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	7190730.76	2056370.06	40° 3' 3.210 N	110° 0' 50.470 W

**REFERENCE INFORMATION**

Co-ordinate (N/E) Reference: Well Pleasant Valley G-9-9-17, True North  
Vertical (TVD) Reference: GL 5233' & RKB 12' @ 5245.00ft  
Section (VS) Reference: Slot - (0.00N, 0.00E)  
Measured Depth Reference: GL 5233' & RKB 12' @ 5245.00ft  
Calculation Method: Minimum Curvature  
Local North: True  
Location: Sec. 9 T9S R17E

**PROJECT DETAILS: Duchesne County, UT**

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

**Survey: Survey #1 (Pleasant Valley G-9-9-17/OH)**

Created By: Julie Cruse Date: 2007-07-12

# **Newfield Exploration Co.**

**Duchesne County, UT**

**Pleasant Valley G-9-9-17**

**Pleasant Valley G-9-9-17**

**OH**

**Survey: Survey #1**

## **Standard Survey Report**

**12 July, 2007**

# Scientific Drilling

## Survey Report

<b>Company:</b> Newfield Exploration Co.	<b>Local Co-ordinate Reference:</b> Well Pleasant Valley G-9-9-17
<b>Project:</b> Duchesne County, UT	<b>TVD Reference:</b> GL 5233' & RKB 12' @ 5245.00ft
<b>Site:</b> Pleasant Valley G-9-9-17	<b>MD Reference:</b> GL 5233' & RKB 12' @ 5245.00ft
<b>Well:</b> Pleasant Valley G-9-9-17	<b>North Reference:</b> True
<b>Wellbore:</b> OH	<b>Survey Calculation Method:</b> Minimum Curvature
<b>Design:</b> OH	<b>Database:</b> MultiUserEDM

<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 G-9-9-17, Sec. 9 T9S R17E	
<b>Site Position:</b>	<b>Northing:</b> 7,190,730.76 ft <b>Latitude:</b> 40° 3' 3.210 N
<b>From:</b> Lat/Long	<b>Easting:</b> 2,056,370.06 ft <b>Longitude:</b> 110° 0' 50.470 W
<b>Position Uncertainty:</b> 0.00 ft	<b>Slot Radius:</b> 0.000 in <b>Grid Convergence:</b> 0.95 °

<b>Well</b> Pleasant Valley G-9-9-17, SHL: 663' FNL, 1958' FWL	
<b>Well Position</b>	<b>+N/-S</b> 0.00 ft <b>Northing:</b> 7,190,730.76 ft <b>Latitude:</b> 40° 3' 3.210 N
	<b>+E/-W</b> 0.00 ft <b>Easting:</b> 2,056,370.06 ft <b>Longitude:</b> 110° 0' 50.470 W
<b>Position Uncertainty</b> 0.00 ft	<b>Wellhead Elevation:</b> ft <b>Ground Level:</b> 5,233.00 ft

<b>Wellbore</b> OH					
<b>Magnetics</b>	<b>Model Name</b> IGRF200510	<b>Sample Date</b> 2007-06-21	<b>Declination (°)</b> 11.79	<b>Dip Angle (°)</b> 65.92	<b>Field Strength (nT)</b> 52,698

<b>Design</b> OH				
<b>Audit Notes:</b>				
<b>Version:</b> 1.0	<b>Phase:</b> ACTUAL	<b>Tie On Depth:</b>		
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>
	0.00	0.00	0.00	224.17

<b>Survey Program</b>		<b>Date</b> 2007-07-12		
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>
393.00	6,120.00	Survey #1 (OH)	MWD	MWD - Standard

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
393.00	1.43	107.56	392.96	-1.48	4.68	-2.20	0.36	0.36	0.00	
<b>First MWD Survey</b>										
424.00	1.37	118.24	423.95	-1.77	5.37	-2.47	0.86	-0.19	34.45	
455.00	1.42	120.76	454.94	-2.14	6.03	-2.66	0.26	0.16	8.13	
485.00	1.54	131.18	484.93	-2.60	6.65	-2.77	0.98	0.40	34.73	
516.00	1.56	149.37	515.92	-3.24	7.18	-2.68	1.58	0.06	58.68	
547.00	1.66	156.92	546.91	-4.01	7.57	-2.40	0.76	0.32	24.35	
578.00	1.79	161.38	577.89	-4.88	7.90	-2.00	0.60	0.42	14.39	
608.00	1.95	174.10	607.88	-5.84	8.10	-1.46	1.48	0.53	42.40	
638.00	2.15	177.24	637.86	-6.91	8.18	-0.75	0.76	0.67	10.47	
669.00	2.41	186.44	668.83	-8.13	8.14	0.16	1.45	0.84	29.68	
700.00	2.77	190.34	699.80	-9.52	7.93	1.30	1.29	1.16	12.58	

# Scientific Drilling

## Survey Report

**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT  
**Site:** Pleasant Valley G-9-9-17  
**Well:** Pleasant Valley G-9-9-17  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well Pleasant Valley G-9-9-17  
**TVD Reference:** GL 5233' & RKB 12' @ 5245.00ft  
**MD Reference:** GL 5233' & RKB 12' @ 5245.00ft  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** MultiUserEDM

### 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)
730.00	2.96	193.37	729.76	-10.99	7.62	2.57	0.81	0.63	10.10
761.00	3.10	196.88	760.72	-12.57	7.19	4.00	0.75	0.45	11.32
791.00	3.57	203.02	790.67	-14.20	6.59	5.59	1.97	1.57	20.47
822.00	3.77	203.96	821.61	-16.02	5.80	7.45	0.67	0.65	3.03
853.00	4.42	205.83	852.53	-18.03	4.87	9.54	2.14	2.10	6.03
882.00	4.97	209.62	881.43	-20.13	3.76	11.82	2.18	1.90	13.07
914.00	5.37	211.64	913.30	-22.61	2.29	14.62	1.37	1.25	6.31
945.00	5.58	210.10	944.16	-25.15	0.77	17.50	0.83	0.68	-4.97
977.00	6.04	210.45	975.99	-27.94	-0.86	20.64	1.44	1.44	1.09
1,008.00	6.26	212.84	1,006.82	-30.77	-2.61	23.89	1.09	0.71	7.71
1,040.00	6.28	217.08	1,038.62	-33.63	-4.61	27.33	1.45	0.06	13.25
1,071.00	6.59	220.81	1,069.43	-36.33	-6.79	30.79	1.68	1.00	12.03
1,102.00	6.65	222.54	1,100.22	-39.00	-9.17	34.36	0.67	0.19	5.58
1,133.00	7.07	225.58	1,131.00	-41.66	-11.75	38.06	1.79	1.35	9.81
1,165.00	7.15	227.60	1,162.75	-44.38	-14.62	42.02	0.82	0.25	6.31
1,196.00	7.55	228.72	1,193.50	-47.02	-17.58	45.97	1.37	1.29	3.61
1,228.00	8.01	229.91	1,225.21	-49.84	-20.86	50.29	1.52	1.44	3.72
1,259.00	8.32	229.87	1,255.89	-52.68	-24.23	54.67	1.00	1.00	-0.13
1,291.00	8.67	228.78	1,287.54	-55.76	-27.81	59.38	1.20	1.09	-3.41
1,321.00	9.23	230.10	1,317.17	-58.80	-31.36	64.02	1.99	1.87	4.40
1,352.00	9.59	230.19	1,347.76	-62.04	-35.25	69.07	1.16	1.16	0.29
1,384.00	10.14	229.50	1,379.28	-65.58	-39.44	74.52	1.76	1.72	-2.16
1,415.00	10.57	229.53	1,409.78	-69.20	-43.68	80.07	1.39	1.39	0.10
1,445.00	11.01	229.40	1,439.25	-72.85	-47.95	85.66	1.47	1.47	-0.43
1,477.00	11.52	228.93	1,470.63	-76.94	-52.68	91.89	1.62	1.59	-1.47
1,507.00	12.14	228.64	1,499.99	-80.99	-57.30	98.02	2.08	2.07	-0.97
1,538.00	12.84	228.80	1,530.26	-85.41	-62.34	104.70	2.26	2.26	0.52
1,570.00	13.50	228.01	1,561.42	-90.25	-67.79	111.97	2.14	2.06	-2.47
1,602.00	14.00	227.32	1,592.50	-95.38	-73.42	119.56	1.64	1.56	-2.16
1,633.00	14.29	227.98	1,622.56	-100.48	-79.01	127.13	1.07	0.94	2.13
1,665.00	14.45	227.25	1,653.56	-105.83	-84.88	135.05	0.76	0.50	-2.28
1,759.00	14.41	226.83	1,744.60	-121.80	-102.02	158.45	0.12	-0.04	-0.45
1,852.00	14.11	225.21	1,834.73	-137.70	-118.51	181.34	0.54	-0.32	-1.74
1,943.00	14.27	224.57	1,922.95	-153.50	-134.25	203.65	0.25	0.18	-0.70
2,035.00	14.35	225.02	2,012.10	-169.64	-150.27	226.39	0.15	0.09	0.49
2,130.00	14.08	223.29	2,104.19	-186.37	-166.52	249.71	0.53	-0.28	-1.82
2,221.00	13.96	222.68	2,192.48	-202.50	-181.55	271.75	0.21	-0.13	-0.67
2,315.00	14.49	223.40	2,283.60	-219.38	-197.32	294.85	0.59	0.56	0.77
2,409.00	14.55	224.09	2,374.60	-236.40	-213.62	318.41	0.19	0.06	0.73
2,503.00	15.04	224.48	2,465.48	-253.59	-230.38	342.42	0.53	0.52	0.41
2,598.00	15.05	222.74	2,557.22	-271.44	-247.38	367.07	0.48	0.01	-1.83
2,691.00	14.55	222.38	2,647.14	-288.94	-263.45	390.82	0.55	-0.54	-0.39
2,784.00	15.78	220.91	2,736.90	-307.12	-279.61	415.12	1.39	1.32	-1.58
2,878.00	16.72	221.88	2,827.14	-326.85	-297.01	441.39	1.04	1.00	1.03
2,969.00	17.32	220.95	2,914.16	-346.83	-314.62	468.00	0.72	0.66	-1.02
3,063.00	16.74	221.01	3,004.03	-367.61	-332.68	495.48	0.62	-0.62	0.06
3,157.00	16.98	220.33	3,093.99	-388.29	-350.44	522.70	0.33	0.26	-0.72
3,250.00	16.93	222.08	3,182.95	-408.69	-368.31	549.78	0.55	-0.05	1.88
3,343.00	17.12	224.48	3,271.88	-428.51	-386.97	577.00	0.78	0.20	2.58
3,435.00	16.90	226.63	3,359.85	-447.36	-406.18	603.90	0.72	-0.24	2.34
3,529.00	17.14	226.33	3,449.74	-466.30	-426.13	631.39	0.27	0.26	-0.32
3,620.00	15.90	228.72	3,536.98	-483.79	-445.20	657.22	1.55	-1.36	2.63
3,716.00	14.76	230.05	3,629.56	-500.32	-464.46	682.49	1.24	-1.19	1.39
3,810.00	14.06	228.64	3,720.60	-515.55	-482.21	705.79	0.83	-0.74	-1.50

# Scientific Drilling

## Survey Report

**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT  
**Site:** Pleasant Valley G-9-9-17  
**Well:** Pleasant Valley G-9-9-17  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well Pleasant Valley G-9-9-17  
**TVD Reference:** GL 5233' & RKB 12' @ 5245.00ft  
**MD Reference:** GL 5233' & RKB 12' @ 5245.00ft  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** MultiUserEDM

### 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)
3,904.00	13.49	225.94	3,811.90	-530.72	-498.66	728.13	0.91	-0.61	-2.87
4,002.00	13.34	228.43	3,907.23	-546.17	-515.33	750.83	0.61	-0.15	2.54
4,096.00	11.22	227.33	3,999.07	-559.57	-530.17	770.78	2.27	-2.26	-1.17
4,189.00	10.67	224.95	4,090.38	-571.79	-542.90	788.42	0.77	-0.59	-2.56
4,281.00	10.35	224.43	4,180.84	-583.72	-554.71	805.20	0.36	-0.35	-0.57
4,373.00	9.85	224.85	4,271.41	-595.20	-566.04	821.33	0.55	-0.54	0.46
4,467.00	9.05	225.48	4,364.13	-606.08	-576.98	836.77	0.86	-0.85	0.67
4,561.00	8.47	226.93	4,457.04	-616.00	-587.31	851.07	0.66	-0.62	1.54
4,656.00	7.90	225.36	4,551.07	-625.36	-597.07	864.59	0.64	-0.60	-1.65
4,750.00	7.11	226.16	4,644.26	-633.93	-605.86	876.86	0.85	-0.84	0.85
4,844.00	6.81	229.00	4,737.57	-641.62	-614.26	888.23	0.49	-0.32	3.02
4,938.00	6.25	230.85	4,830.96	-648.50	-622.44	898.86	0.64	-0.60	1.97
5,032.00	5.49	232.35	4,924.47	-654.48	-629.97	908.40	0.82	-0.81	1.60
5,125.00	5.07	235.08	5,017.07	-659.55	-636.86	916.83	0.53	-0.45	2.94
5,219.00	4.88	237.42	5,110.72	-664.08	-643.63	924.80	0.30	-0.20	2.49
5,298.83	12.54	224.17	5,200.00	-667.00	-648.00	929.94	9.86	9.60	-16.59
<b>PV G-9-9-17 Target</b>									
5,311.00	5.08	239.24	5,202.37	-668.27	-650.43	932.55	63.69	-61.33	123.85
5,406.00	4.82	246.19	5,297.02	-672.03	-657.70	940.31	0.69	-0.27	7.32
5,500.00	3.93	247.38	5,390.74	-674.87	-664.28	946.93	0.95	-0.95	1.27
5,593.00	3.65	246.36	5,483.54	-677.28	-669.94	952.60	0.31	-0.30	-1.10
5,688.00	3.32	242.86	5,578.36	-679.75	-675.15	958.01	0.41	-0.35	-3.68
5,782.00	2.95	238.20	5,672.22	-682.26	-679.63	962.93	0.48	-0.39	-4.96
5,874.00	2.86	236.39	5,764.11	-684.78	-683.56	967.47	0.14	-0.10	-1.97
5,968.00	2.47	232.30	5,858.00	-687.32	-687.11	971.77	0.46	-0.41	-4.35
6,072.00	2.22	235.78	5,961.92	-689.82	-690.55	975.96	0.28	-0.24	3.35
6,120.00	2.22	235.78	6,009.88	-690.87	-692.09	977.78	0.00	0.00	0.00

### Projection to TD

### Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PV G-9-9-17 Target	0.00	0.00	5,200.00	-667.00	-648.00	7,190,053.09	2,055,733.23	40° 2' 56.618 N	110° 0' 58.803 W
- hit/miss target									
- Shape									
- survey misses by 12.48ft at 5298.83ft MD (5189.58 TVD, -672.14 N, -652.55 E)									
- Circle (radius 75.00)									
Old PV G-9-9-17 BHL	0.00	0.00	6,120.00	-657.00	-641.00	7,190,063.20	2,055,740.06	40° 2' 56.717 N	110° 0' 58.713 W
- survey misses by 126.03ft at 6120.00ft MD (6009.88 TVD, -690.87 N, -692.09 E)									
- Circle (radius 0.00)									

### Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
393.00	392.96	-1.48	4.68	First MWD Survey
6,120.00	6,009.88	-690.87	-692.09	Projection to TD

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

<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
<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)
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> PLEASANT VALLEY FED G-9-9-17
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013332470000
<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	<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0663 FNL 1958 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 09 Township: 09.0S Range: 17.0E Meridian: S
<b>COUNTY:</b> DUCHESNE	<b>STATE:</b> UTAH

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"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input 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	