

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-66184
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Ashley PA AB
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Ashley Federal F-14-9-15
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33959
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/NW 646' FNL 656' FWL At proposed prod. zone 1360' FNL 65' FWL		10. Field and Pool, or Exploratory Monument Butte 115
14. Distance in miles and direction from nearest town or post office* Approximatley 14.9 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 14, T9S R15E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1360' f/lease, 2000' f/unit	16. No. of Acres in lease 1,360.57	12. County or Parish Duchesne
17. Spacing Unit dedicated to this well 20 Acres	13. State UT	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1296'	19. Proposed Depth 6250'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6171' GL	22. Approximate date work will start* 3rd Quarter 2008	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 4/11/08
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 04-29-08
Title Officer	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  
567754X  
44318894  
40.034394  
-110.205853  
Federal Approval of this Action is Necessary

BHL  
567577X  
44316494  
40.034433  
-110.207955

RECEIVED  
APR 21 2008  
DIV. OF OIL, GAS & MINING



**NEWFIELD PRODUCTION COMPANY  
ASHLEY FEDERAL F-14-9-15  
AT SURFACE: NW/NW SECTION 14, T9S, R15E  
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' – 2908'
Green River	2908'
Wasatch	6250'

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

Green River Formation 2908' – 6250' - 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  
AHSLEY FEDERAL F-14-9-15  
AT SURFACE: NW/NW SECTION 14, T9S, R15E  
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 Ashley Federal F-14-9-15 located in the NW 1/4 NW 1/4 Section 14, T9S, R15E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southwesterly - 12.4 miles  $\pm$  to it's junction with an existing road to the northwest; proceed northwesterly - 0.4 miles  $\pm$  to it's junction with an existing road to the southwest; proceed southwesterly - 0.7 miles  $\pm$  to the existing Ashley Federal 4-14-9-15 well location.

**2. PLANNED ACCESS ROAD**

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Ashley Federal 4-14-9-15 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 Ashley Federal 4-14-9-15 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Ashley Federal F-14-9-15. All permanent surface equipment will be painted Carlsbad Canyon.

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

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

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

Johnson Water District  
Water Right: 43-10136

Neil Moon Pond  
Water Right: 43-11787

Maurice Harvey Pond  
Water Right: 47-1358

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

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

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Ashley Federal F-14-9-15 will be drilled off of the existing Ashley Federal 4-14-9-15 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

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

12. **OTHER ADDITIONAL INFORMATION**

**Water Disposal**

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

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

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

None for the proposed Ashley Federal F-14-9-15.

**Reserve Pit Liner**

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

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

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

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

**Details of the On-Site Inspection**

The proposed Ashley Federal F-14-9-15 was on-sited on 3/26/08. The following were present; Dave Allred (Newfield Production), Kevan Stevens (Newfield Production ), Michael Cutler (Bureau of Land Management), Brandon McDonald (Bureau of Land Management )and James Herford (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

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

Representative

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

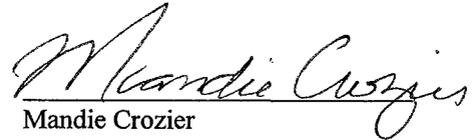
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #F-14-9-15 NW/NW Section 14, Township 9S, Range 15E: Lease UTU-66184 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

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

4/11/08

Date



Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

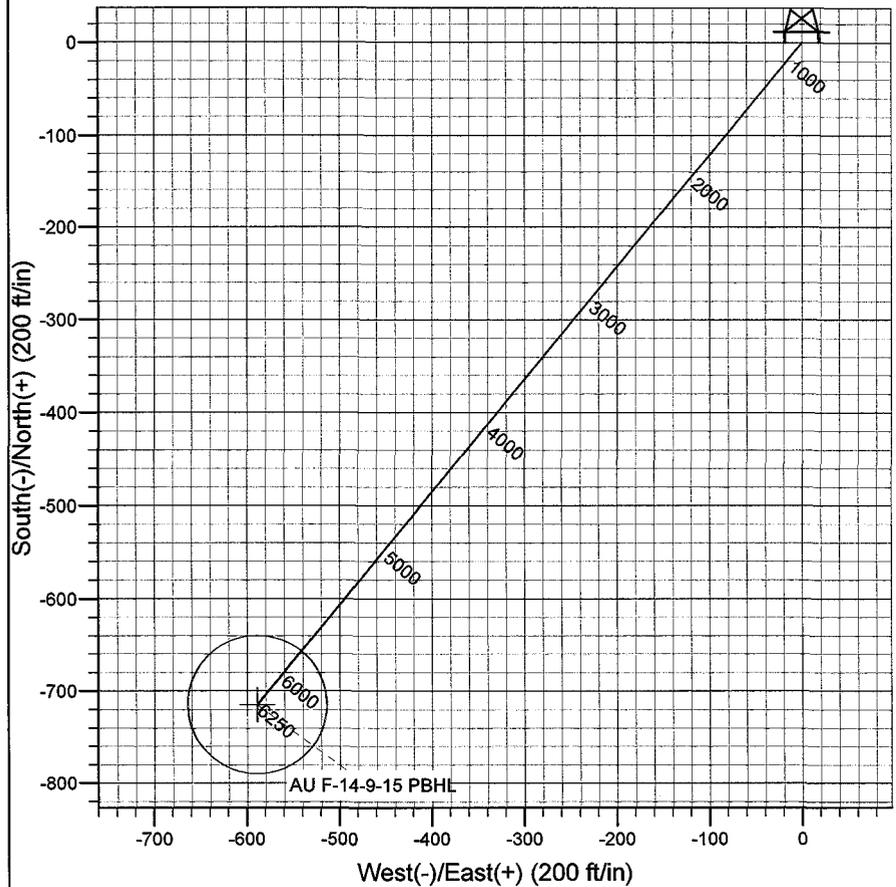
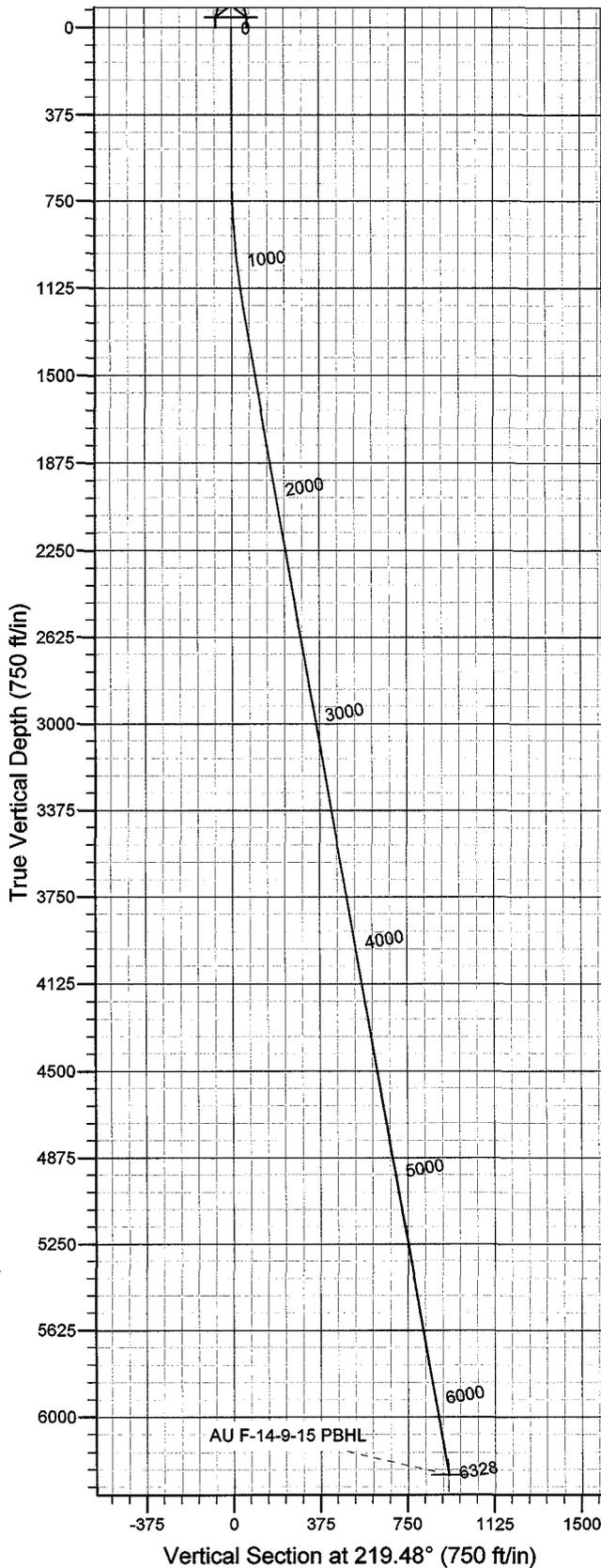


Azimuths to True North  
 Magnetic North: 11.77°

Magnetic Field  
 Strength: 52580.0snT  
 Dip Angle: 65.85°  
 Date: 2008-04-02  
 Model: IGRF2005-10

WELL DETAILS: Ashley Unit F-14-9-15

GL 6171' & RKB 12' @ 6183.00ft 6171.00  
 +N/-S 0.00 +E/-W 0.00 Northing 7184612.40 Easting 2002567.37 Latitude 40° 2' 11.010 N Longitude 110° 12' 23.460 W



Plan: Plan #1 (Ashley Unit F-14-9-15/OH)

Created By: Julie Cruse Date: 2008-04-02

PROJECT DETAILS: Duchesne County, UT NAD83 UTC

Geodetic System: US State Plane 1983  
 Datum: North American Datum 1983  
 Ellipsoid: GRS 1980  
 Zone: Utah Central Zone  
 Location:  
 System Datum: Mean Sea Level  
 Local North: No north reference data is available

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
3	1258.45	9.88	219.48	1255.20	-43.70	-35.99	1.50	219.48	56.61	
4	6328.40	9.88	219.48	6250.00	-714.93	-588.92	0.00	0.00	926.26	AU F-14-9-15 PBHL

# **Newfield Exploration Co.**

**Duchesne County, UT NAD83 UTC**

**Ashley Unit**

**Ashley Unit F-14-9-15**

**OH**

**Plan: Plan #1**

## **Standard Planning Report**

**02 April, 2008**

# Scientific Drilling

## Planning Report

**Database:** EDM 2003.16 Multi-User Db  
**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT NAD83 UTC  
**Site:** Ashley Unit  
**Well:** Ashley Unit F-14-9-15  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well Ashley Unit F-14-9-15  
**TVD Reference:** GL 6171' & RKB 12' @ 6183.00ft  
**MD Reference:** GL 6171' & RKB 12' @ 6183.00ft  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

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

<b>Site</b>	Ashley Unit,				
<b>Site Position:</b>		<b>Northing:</b>	7,194,005.61 ft	<b>Latitude:</b>	40° 3' 42.510 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,011,719.22 ft	<b>Longitude:</b>	110° 10' 24.010 W
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	in	<b>Grid Convergence:</b>	0.85 °

<b>Well</b>	Ashley Unit F-14-9-15, 646' FNL 656' FWL Sec 14 T9S R15E					
<b>Well Position</b>	<b>+N/-S</b>	0.00 ft	<b>Northing:</b>	7,184,612.40 ft	<b>Latitude:</b>	40° 2' 11.010 N
	<b>+E/-W</b>	0.00 ft	<b>Easting:</b>	2,002,567.37 ft	<b>Longitude:</b>	110° 12' 23.460 W
<b>Position Uncertainty</b>		0.00 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	6,171.00 ft

<b>Wellbore</b>	OH				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination</b>	<b>Dip Angle</b>	<b>Field Strength</b>
	IGRF2005-10	2008-04-02	(°) 11.77	(°) 65.85	(nT) 52,580

<b>Design</b>	Plan #1				
<b>Audit Notes:</b>					
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.00	
<b>Vertical Section:</b>	<b>Depth From (TVD)</b>	<b>+N/-S</b>	<b>+E/-W</b>	<b>Direction</b>	
	(ft)	(ft)	(ft)	(°)	
	0.00	0.00	0.00	219.48	

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,258.45	9.88	219.48	1,255.20	-43.70	-35.99	1.50	1.50	0.00	219.48	
6,328.40	9.88	219.48	6,250.00	-714.93	-588.92	0.00	0.00	0.00	0.00	AU F-14-9-15 PBHL

# Scientific Drilling

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**MD Reference:** GL 6171' & RKB 12' @ 6183.00ft  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

### Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	1.50	219.48	699.99	-1.01	-0.83	1.31	1.50	1.50	0.00
800.00	3.00	219.48	799.91	-4.04	-3.33	5.23	1.50	1.50	0.00
900.00	4.50	219.48	899.69	-9.09	-7.49	11.77	1.50	1.50	0.00
1,000.00	6.00	219.48	999.27	-16.15	-13.30	20.92	1.50	1.50	0.00
1,100.00	7.50	219.48	1,098.57	-25.22	-20.78	32.68	1.50	1.50	0.00
1,200.00	9.00	219.48	1,197.54	-36.30	-29.90	47.03	1.50	1.50	0.00
1,258.45	9.88	219.48	1,255.20	-43.70	-35.99	56.61	1.50	1.50	0.00
1,300.00	9.88	219.48	1,296.13	-49.20	-40.53	63.74	0.00	0.00	0.00
1,400.00	9.88	219.48	1,394.65	-62.44	-51.43	80.89	0.00	0.00	0.00
1,500.00	9.88	219.48	1,493.16	-75.68	-62.34	98.05	0.00	0.00	0.00
1,600.00	9.88	219.48	1,591.68	-88.92	-73.24	115.20	0.00	0.00	0.00
1,700.00	9.88	219.48	1,690.20	-102.15	-84.15	132.35	0.00	0.00	0.00
1,800.00	9.88	219.48	1,788.72	-115.39	-95.06	149.50	0.00	0.00	0.00
1,900.00	9.88	219.48	1,887.24	-128.63	-105.96	166.66	0.00	0.00	0.00
2,000.00	9.88	219.48	1,985.75	-141.87	-116.87	183.81	0.00	0.00	0.00
2,100.00	9.88	219.48	2,084.27	-155.11	-127.77	200.96	0.00	0.00	0.00
2,200.00	9.88	219.48	2,182.79	-168.35	-138.68	218.12	0.00	0.00	0.00
2,300.00	9.88	219.48	2,281.31	-181.59	-149.59	235.27	0.00	0.00	0.00
2,400.00	9.88	219.48	2,379.82	-194.83	-160.49	252.42	0.00	0.00	0.00
2,500.00	9.88	219.48	2,478.34	-208.07	-171.40	269.58	0.00	0.00	0.00
2,600.00	9.88	219.48	2,576.86	-221.31	-182.30	286.73	0.00	0.00	0.00
2,700.00	9.88	219.48	2,675.38	-234.55	-193.21	303.88	0.00	0.00	0.00
2,800.00	9.88	219.48	2,773.90	-247.79	-204.12	321.03	0.00	0.00	0.00
2,900.00	9.88	219.48	2,872.41	-261.03	-215.02	338.19	0.00	0.00	0.00
3,000.00	9.88	219.48	2,970.93	-274.27	-225.93	355.34	0.00	0.00	0.00
3,100.00	9.88	219.48	3,069.45	-287.51	-236.83	372.49	0.00	0.00	0.00
3,200.00	9.88	219.48	3,167.97	-300.75	-247.74	389.65	0.00	0.00	0.00
3,300.00	9.88	219.48	3,266.49	-313.99	-258.65	406.80	0.00	0.00	0.00
3,400.00	9.88	219.48	3,365.00	-327.23	-269.55	423.95	0.00	0.00	0.00
3,500.00	9.88	219.48	3,463.52	-340.47	-280.46	441.10	0.00	0.00	0.00
3,600.00	9.88	219.48	3,562.04	-353.70	-291.36	458.26	0.00	0.00	0.00
3,700.00	9.88	219.48	3,660.56	-366.94	-302.27	475.41	0.00	0.00	0.00
3,800.00	9.88	219.48	3,759.08	-380.18	-313.18	492.56	0.00	0.00	0.00
3,900.00	9.88	219.48	3,857.59	-393.42	-324.08	509.72	0.00	0.00	0.00
4,000.00	9.88	219.48	3,956.11	-406.66	-334.99	526.87	0.00	0.00	0.00
4,100.00	9.88	219.48	4,054.63	-419.90	-345.89	544.02	0.00	0.00	0.00
4,200.00	9.88	219.48	4,153.15	-433.14	-356.80	561.18	0.00	0.00	0.00
4,300.00	9.88	219.48	4,251.66	-446.38	-367.71	578.33	0.00	0.00	0.00
4,400.00	9.88	219.48	4,350.18	-459.62	-378.61	595.48	0.00	0.00	0.00
4,500.00	9.88	219.48	4,448.70	-472.86	-389.52	612.63	0.00	0.00	0.00
4,600.00	9.88	219.48	4,547.22	-486.10	-400.42	629.79	0.00	0.00	0.00
4,700.00	9.88	219.48	4,645.74	-499.34	-411.33	646.94	0.00	0.00	0.00
4,800.00	9.88	219.48	4,744.25	-512.58	-422.24	664.09	0.00	0.00	0.00
4,900.00	9.88	219.48	4,842.77	-525.82	-433.14	681.25	0.00	0.00	0.00
5,000.00	9.88	219.48	4,941.29	-539.06	-444.05	698.40	0.00	0.00	0.00
5,100.00	9.88	219.48	5,039.81	-552.30	-454.95	715.55	0.00	0.00	0.00
5,200.00	9.88	219.48	5,138.33	-565.54	-465.86	732.71	0.00	0.00	0.00

# Scientific Drilling

## Planning Report

**Database:** EDM 2003.16 Multi-User Db  
**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT NAD83 UTC  
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**Well:** Ashley Unit F-14-9-15  
**Wellbore:** OH  
**Design:** Plan #1

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**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

### Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.00	9.88	219.48	5,236.84	-578.78	-476.77	749.86	0.00	0.00	0.00
5,400.00	9.88	219.48	5,335.36	-592.02	-487.67	767.01	0.00	0.00	0.00
5,500.00	9.88	219.48	5,433.88	-605.25	-498.58	784.16	0.00	0.00	0.00
5,600.00	9.88	219.48	5,532.40	-618.49	-509.48	801.32	0.00	0.00	0.00
5,700.00	9.88	219.48	5,630.92	-631.73	-520.39	818.47	0.00	0.00	0.00
5,800.00	9.88	219.48	5,729.43	-644.97	-531.30	835.62	0.00	0.00	0.00
5,900.00	9.88	219.48	5,827.95	-658.21	-542.20	852.78	0.00	0.00	0.00
6,000.00	9.88	219.48	5,926.47	-671.45	-553.11	869.93	0.00	0.00	0.00
6,100.00	9.88	219.48	6,024.99	-684.69	-564.02	887.08	0.00	0.00	0.00
6,200.00	9.88	219.48	6,123.50	-697.93	-574.92	904.24	0.00	0.00	0.00
6,300.00	9.88	219.48	6,222.02	-711.17	-585.83	921.39	0.00	0.00	0.00
6,328.40	9.88	219.48	6,250.00	-714.93	-588.92	926.26	0.00	0.00	0.00

### Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
AU F-14-9-15 PBHL - plan hits target center - Circle (radius 75.00)	0.00	0.00	6,250.00	-714.93	-588.92	7,183,889.03	2,001,988.85	40° 2' 3.944 N	110° 12' 31.032 W

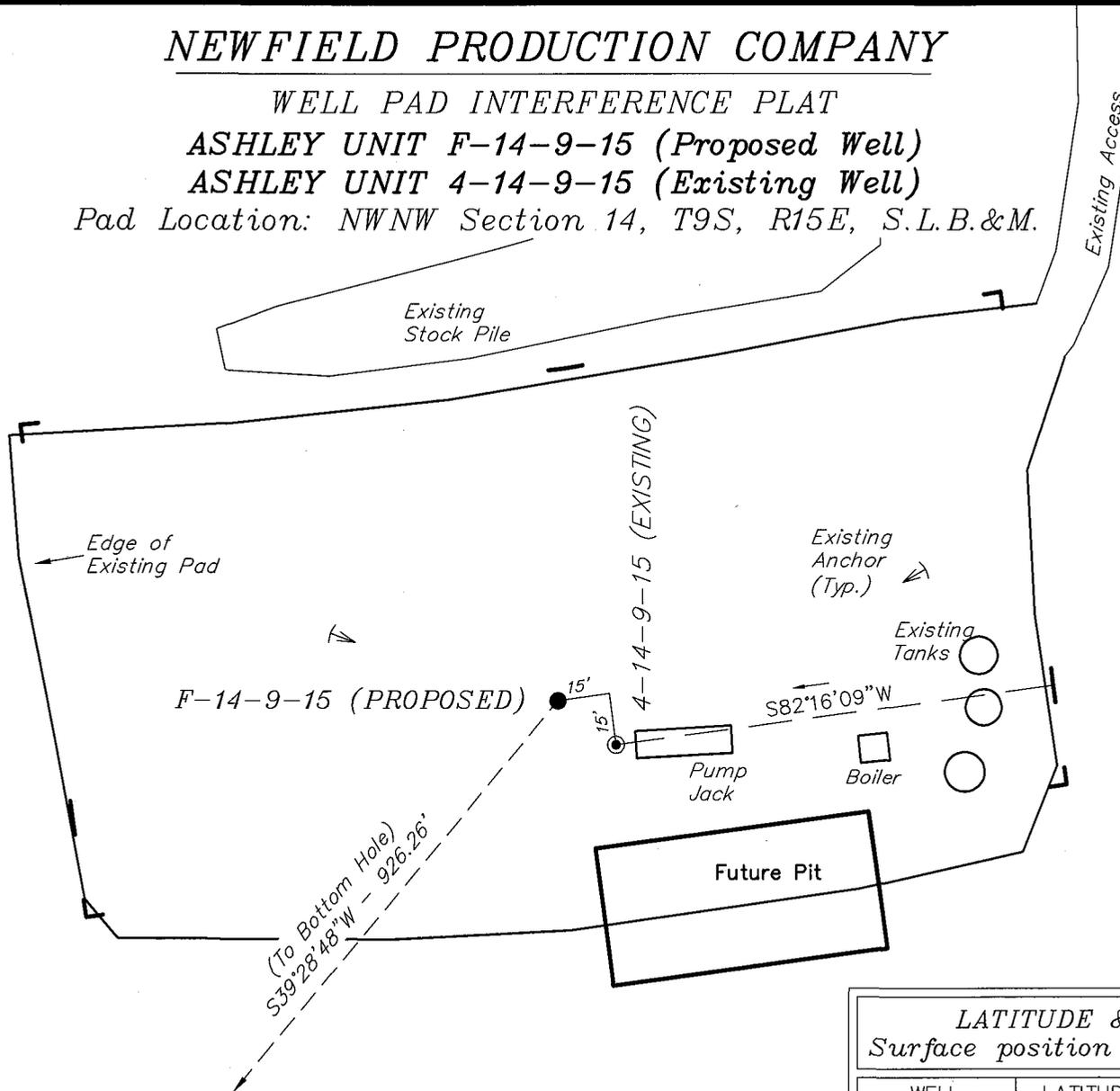
# NEWFIELD PRODUCTION COMPANY

## WELL PAD INTERFERENCE PLAT

ASHLEY UNIT F-14-9-15 (Proposed Well)

ASHLEY UNIT 4-14-9-15 (Existing Well)

Pad Location: NWNW Section 14, T9S, R15E, S.L.B.&M.



### TOP HOLE FOOTAGES

F-14-9-15 (PROPOSED)  
646' FNL & 656' FWL

### BOTTOM HOLE FOOTAGES

F-14-9-15 (PROPOSED)  
1360' FNL & 65' FWL

### Note:

Bearings are based on GLO Information.

### RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
F-14-9-15	-715'	-589'

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

WELL	LATITUDE	LONGITUDE
F-14-9-15	40° 02' 11.01"	110° 12' 23.46"
4-14-9-15	40° 02' 10.88"	110° 12' 23.24"

SURVEYED BY: C.M.	DATE SURVEYED: 01-31-08
DRAWN BY: F.T.M.	DATE DRAWN: 02-14-08
SCALE: 1" = 50'	REVISED:

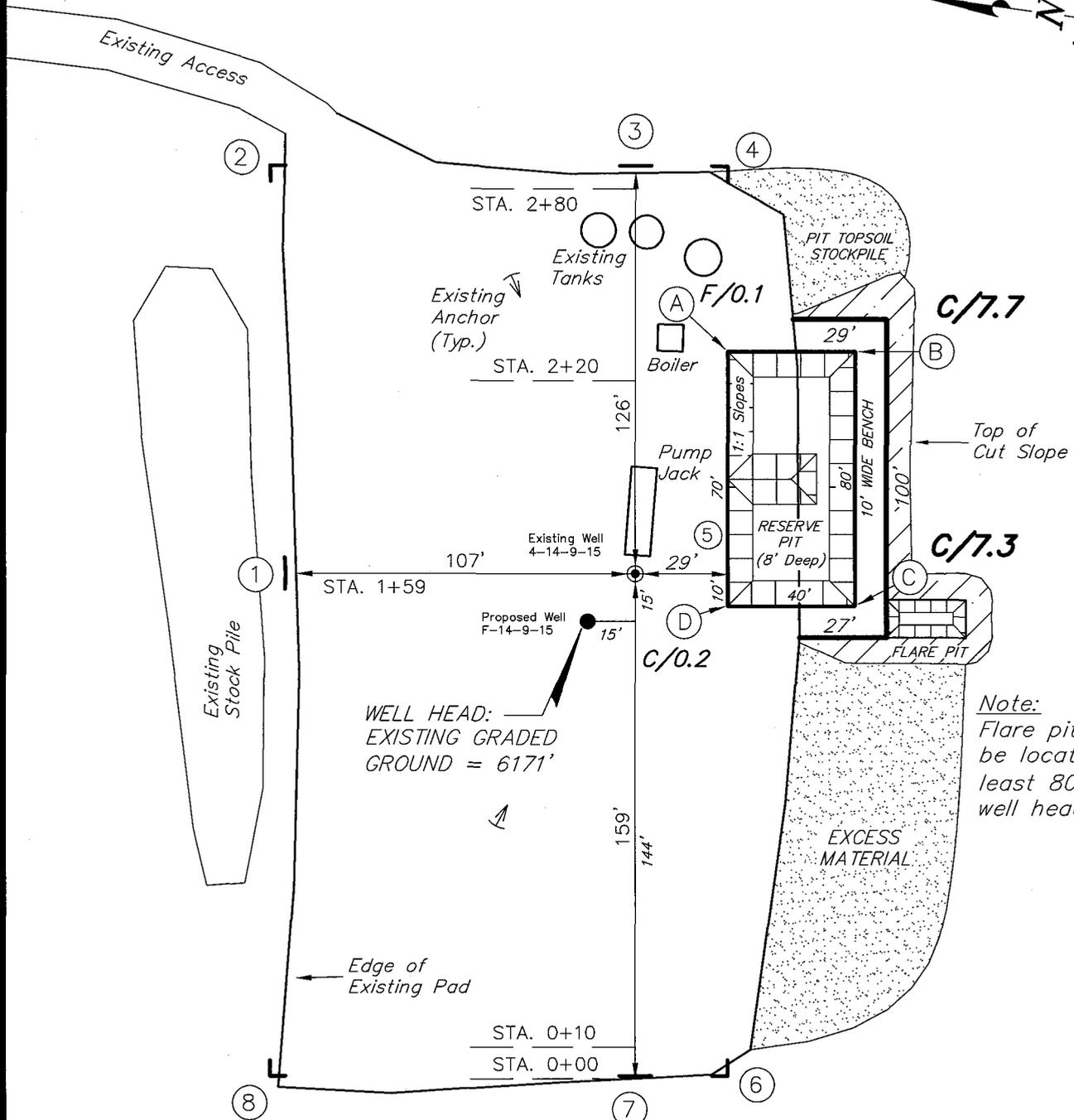
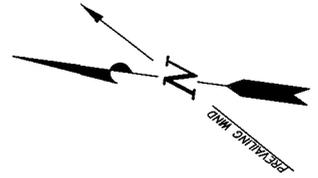
**Tri State** (435) 781-2501  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

ASHLEY UNIT F-14-9-15 (Proposed Well)

ASHLEY UNIT 4-14-9-15 (Existing Well)

Pad Location: NWNW Section 14, T9S, R15E, S.L.B.&M.



WELL HEAD:  
EXISTING GRADED  
GROUND = 6171'

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

SURVEYED BY: C.M.	DATE SURVEYED: 01-31-08
DRAWN BY: F.T.M.	DATE DRAWN: 02-14-08
SCALE: 1" = 50'	REVISED:

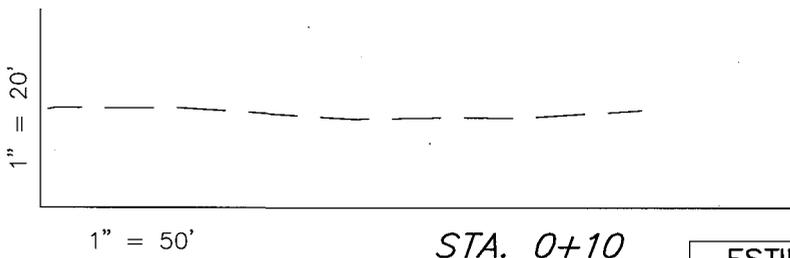
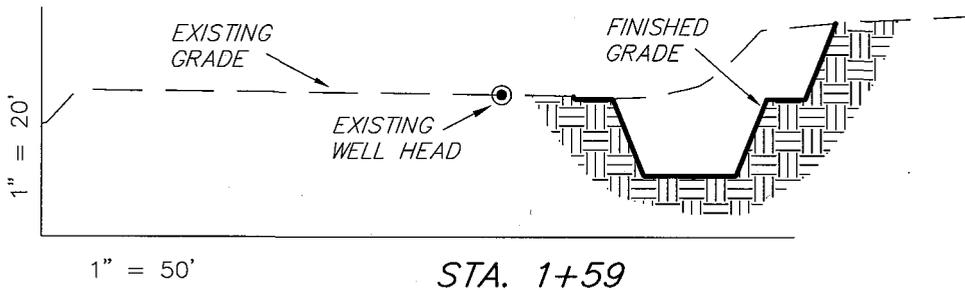
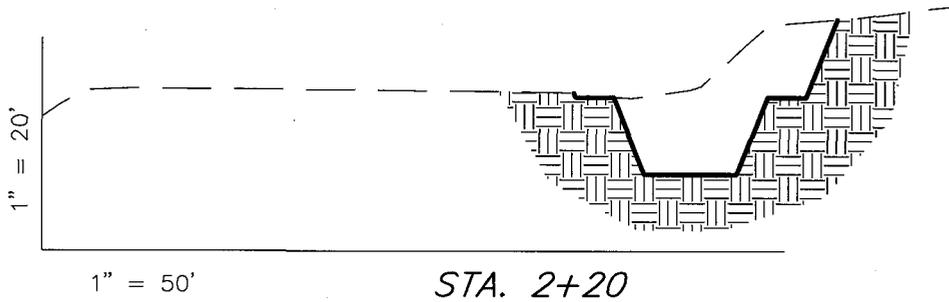
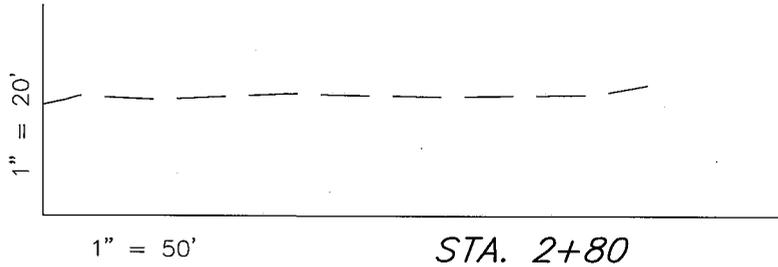
**Tri State** (435) 781-2501  
**Land Surveying, Inc.**  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS

ASHLEY UNIT F-14-9-15 (Proposed Well)

ASHLEY UNIT 4-14-9-15 (Existing Well)



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

### ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	920	0	Topsoil is not included in Pad Cut	920
PIT	640	0		640
TOTALS	1,560	0	150	1,560

SURVEYED BY: C.M.

DATE SURVEYED: 01-31-08

DRAWN BY: F.T.M.

DATE DRAWN: 02-14-08

SCALE: 1" = 50'

REVISED:

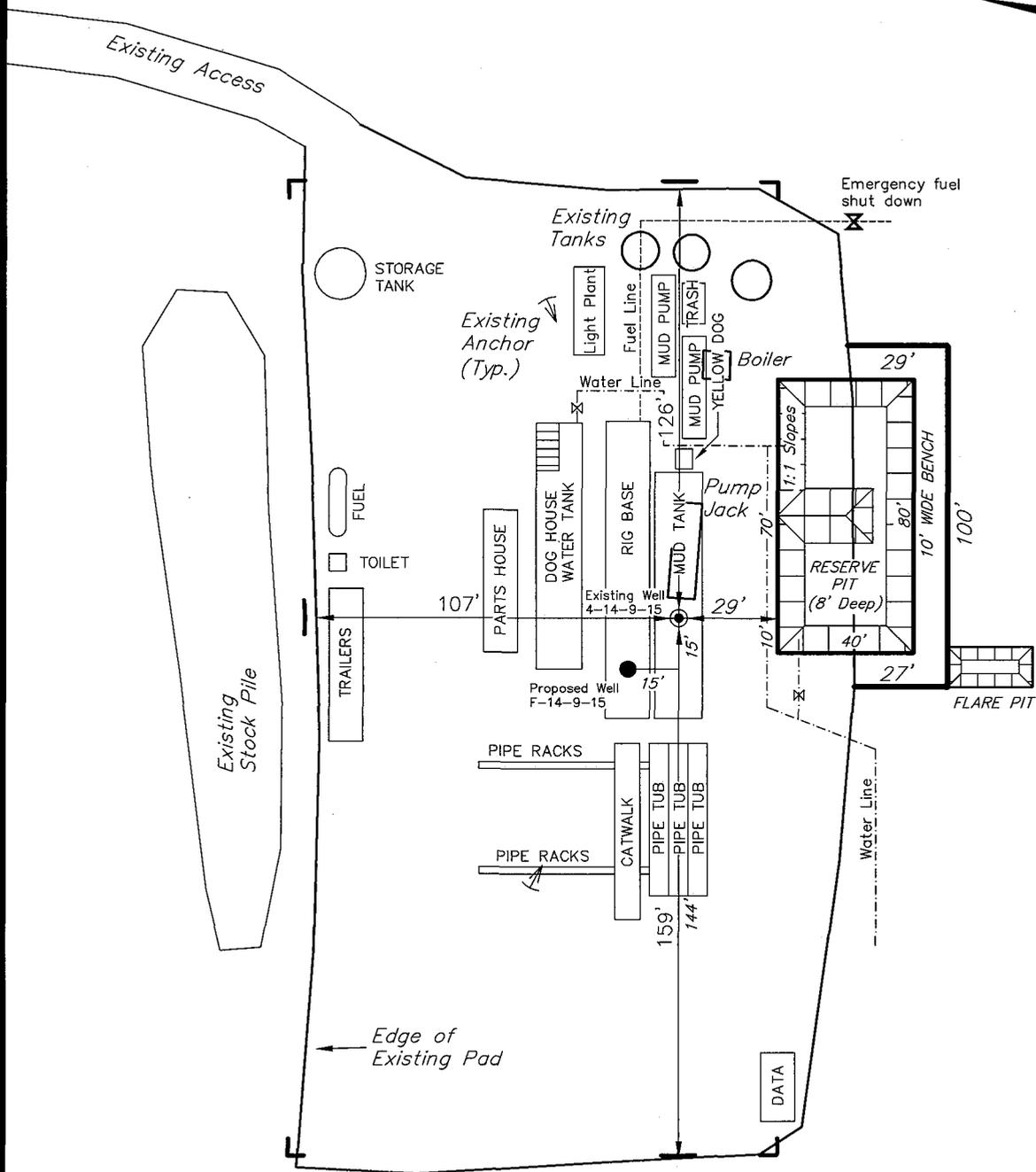
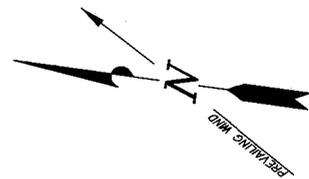
**Tri State** (435) 781-2501  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

ASHLEY UNIT F-14-9-15 (Proposed Well)

ASHLEY UNIT 4-14-9-15 (Existing Well)



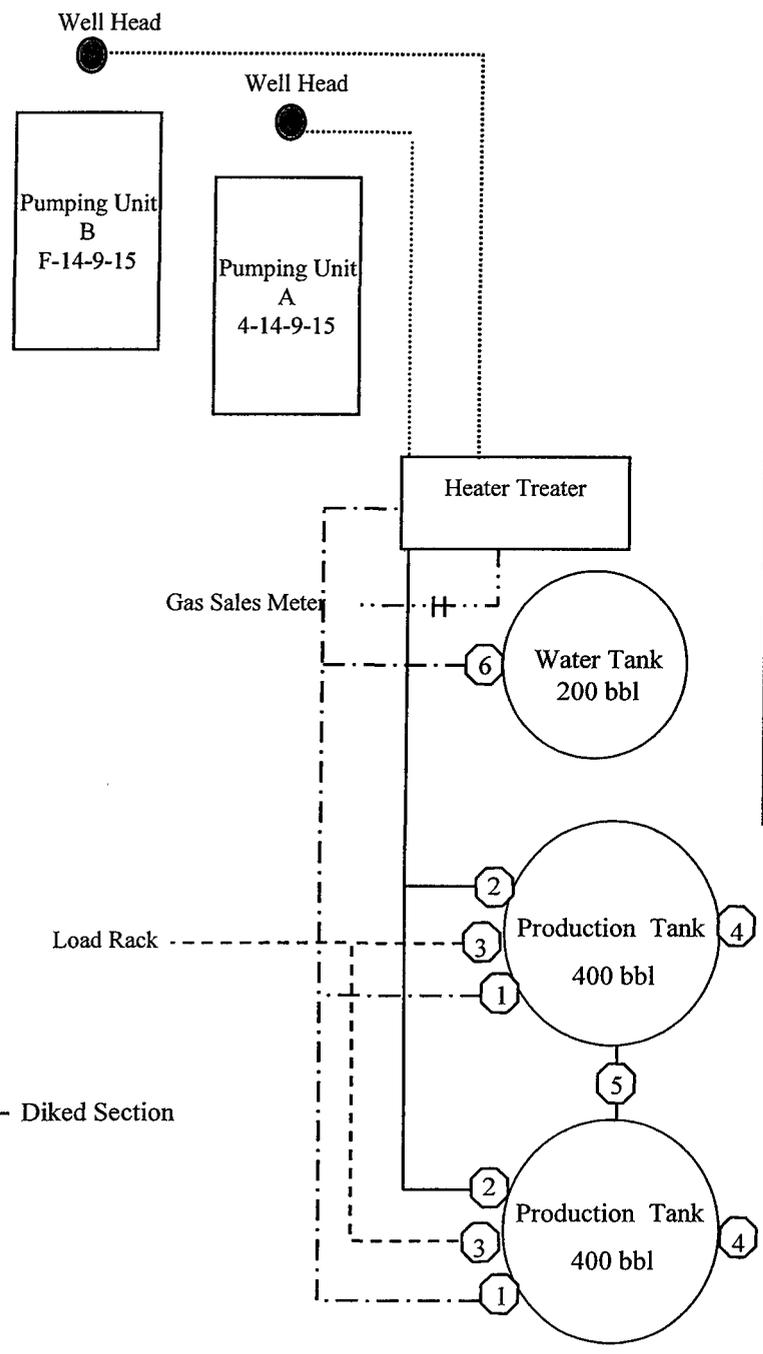
*Note:*  
Flare pit is to be located at least 80' from well head.

SURVEYED BY: C.M.	DATE SURVEYED: 01-31-08
DRAWN BY: F.T.M.	DATE DRAWN: 02-14-08
SCALE: 1" = 50'	REVISED:

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

# Newfield Production Company Proposed Site Facility Diagram

Ashley Federal F-14-9-15  
 From the 4-14-9-15 Location  
 NW/NW Sec. 14 T9S, R15E  
 Duchesne County, Utah  
 UTU-66184

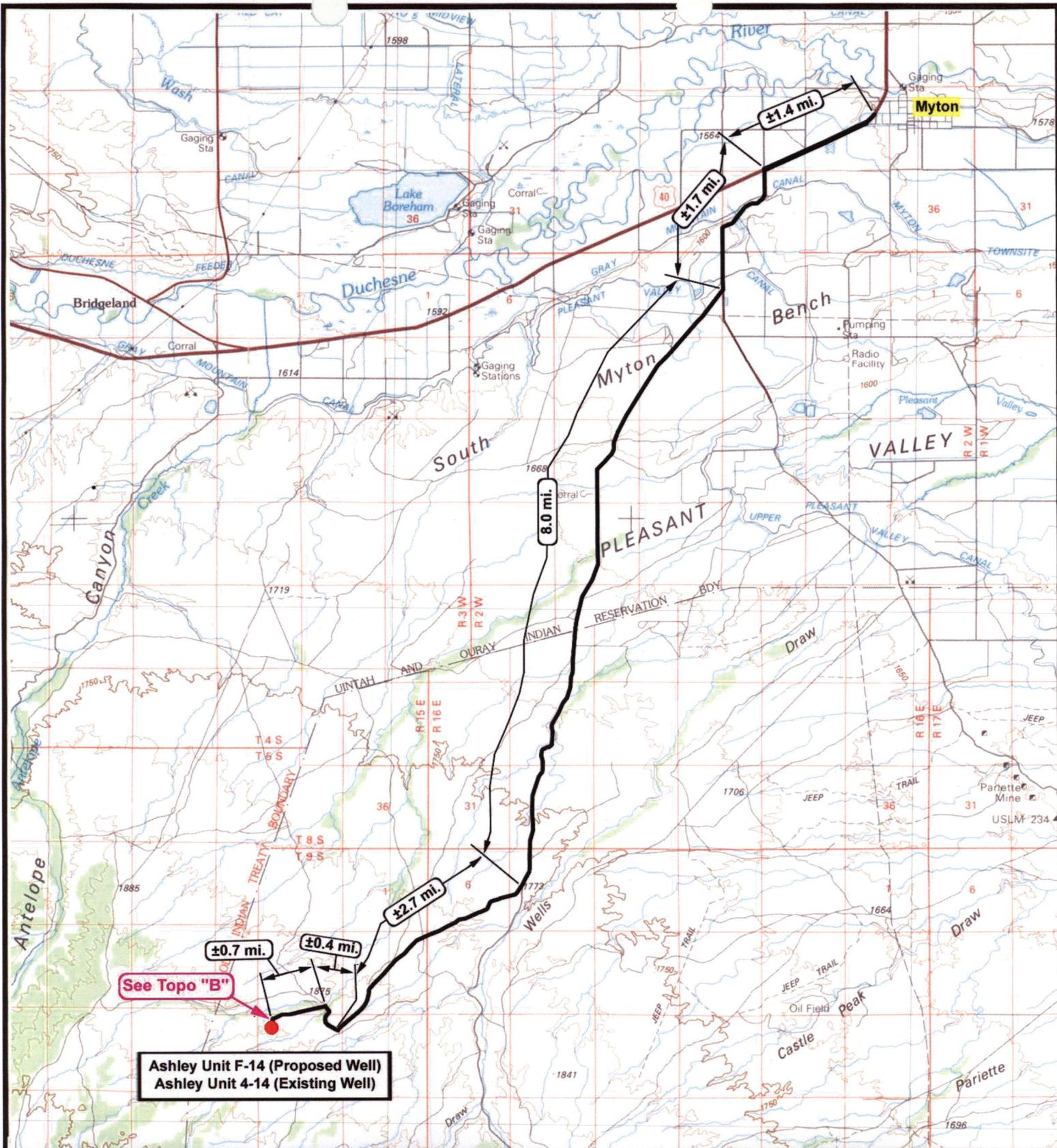


Site Security Plan is held at the Pleasant Valley Office, Duchesne County, Utah

- Production Phase:**
- 1) Valves 1, 3, and 4 sealed closed
  - 2) Valves 2, 5, and 6 sealed open
- Sales Phase:**
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
  - 2) Valve 3 open
- Draining Phase:**
- 1) Valves 1 and 6 open

**Legend**

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



**Ashley Unit F-14 (Proposed Well)**  
**Ashley Unit 4-14 (Existing Well)**

  
**NEWFIELD**  
 Exploration Company

---

**Ashley Unit F-14-9-15 (Proposed Location)**  
**Ashley Unit 4-14-9-15 (Existing Location)**  
**Pad Location NWNW SEC. 14, T9S, R15E, S.L.B.&M.**



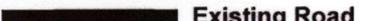
  
**Tri-State**  
 Land Surveying Inc.  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

---

**SCALE: 1:100,000**  
**DRAWN BY: nc**  
**DATE: 02-22-2008**

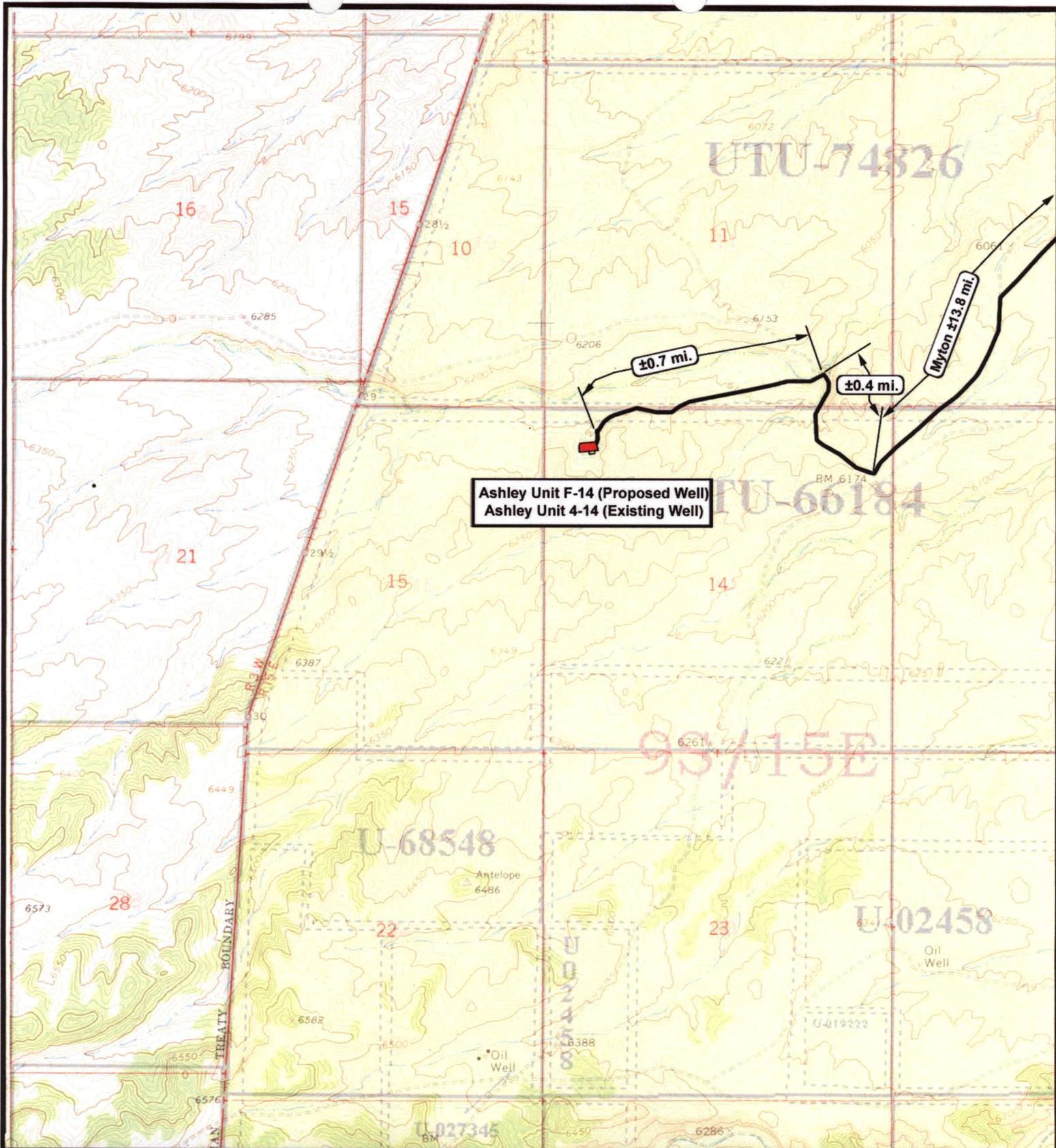
**Legend**

---

 Existing Road

---

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



**NEWFIELD**  
Exploration Company

**Ashley Unit F-14-9-15 (Proposed Location)**  
**Ashley Unit 4-14-9-15 (Existing Location)**  
**Pad Location NWNW SEC. 14 T9S, R15E, S.L.B.&M.**



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

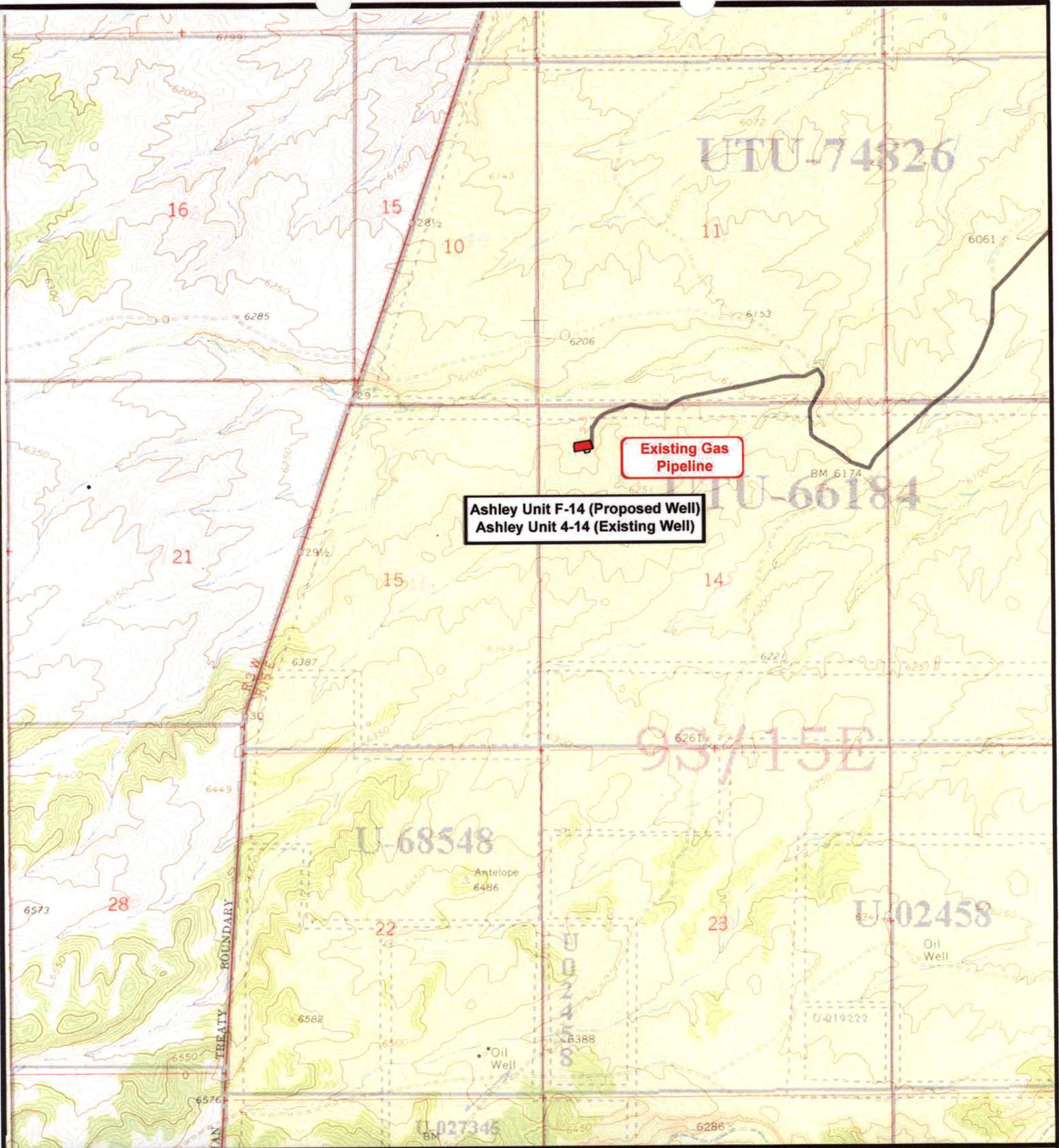
SCALE: 1" = 2,000'  
 DRAWN BY: nc  
 DATE: 02-22-2008

**Legend**

Existing Road

TOPOGRAPHIC MAP

**"B"**



**Ashley Unit F-14-9-15 (Proposed Location)**  
**Ashley Unit 4-14-9-15 (Existing Location)**  
 Pad Location NWNW SEC. 14, T9S, R15E, S.L.B.&M.



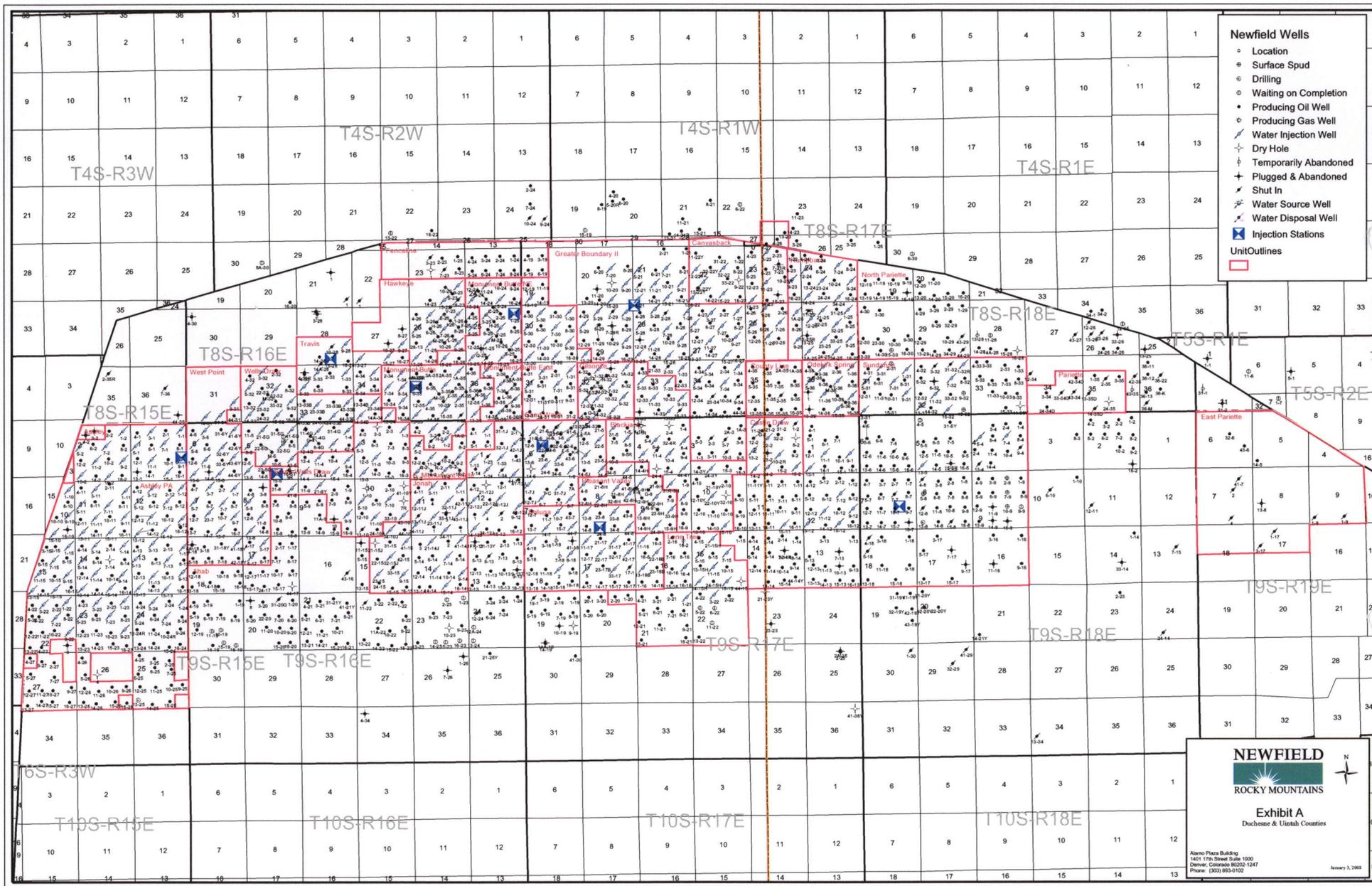
**Tri-State**  
*Land Surveying Inc.*  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
 DRAWN BY: nc  
 DATE: 02-22-2008

**Legend**

Existing Road

TOPOGRAPHIC MAP  
**"C"**

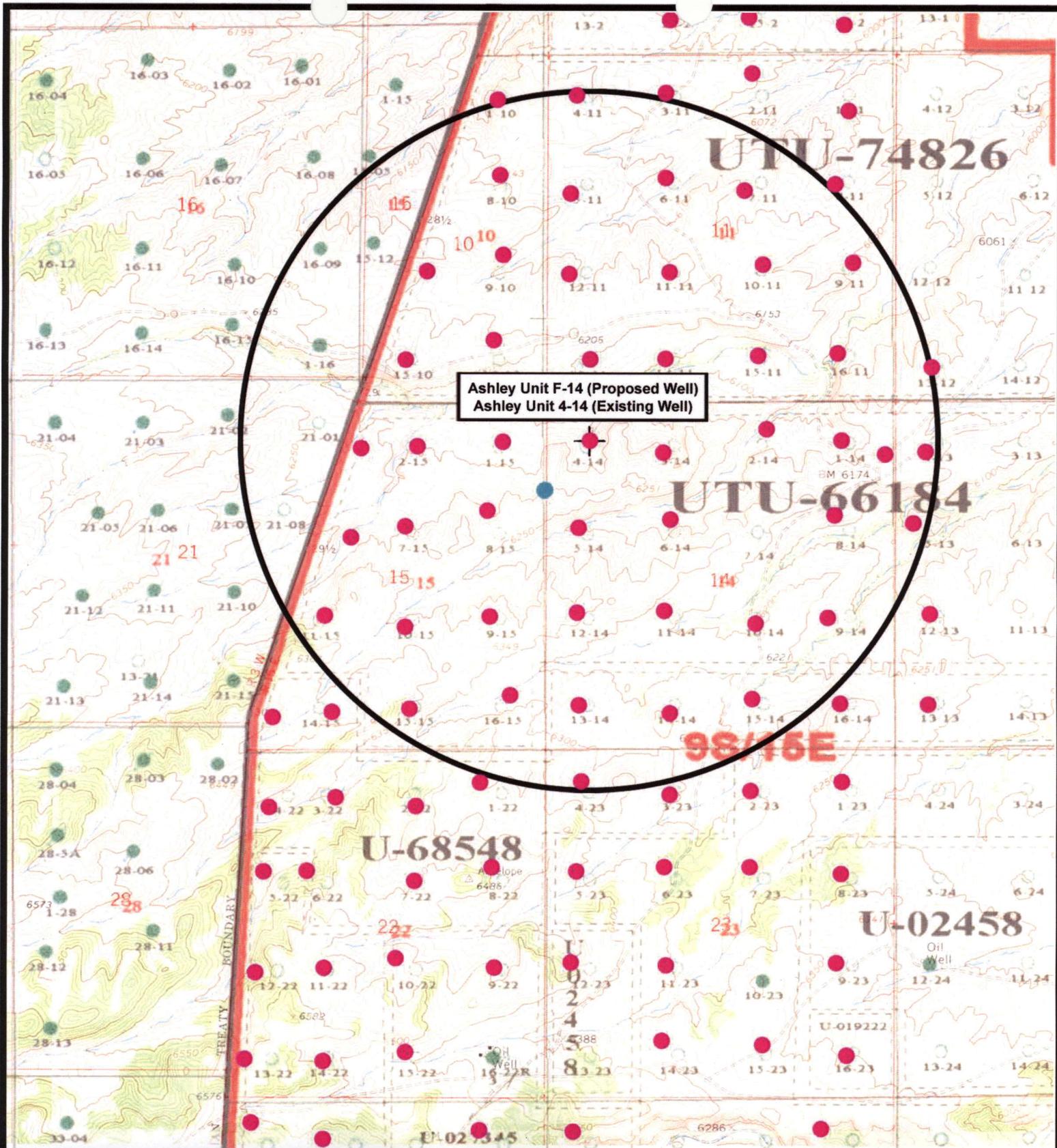


**NEWFIELD**  
 ROCKY MOUNTAINS

Exhibit A  
 Duchesne & Uintah Counties

Alamo Plaza Building  
 1401 17th Street Suite 1000  
 Denver, Colorado 80202-1247  
 Phone: (303) 995-6100

January 1, 2008



Ashley Unit F-14 (Proposed Well)  
 Ashley Unit 4-14 (Existing Well)

**NEWFIELD**  
 Exploration Company

**Ashley Unit F-14-9-15 (Proposed Location)**  
**Ashley Unit 4-14-9-15 (Existing Location)**  
 Pad Location NWNW SEC. 14, T9S, R15E, S.L.B.&M.

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

SCALE: 1" = 2,000'  
 DRAWN BY: nc  
 DATE: 02-22-2008

**Legend**

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

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

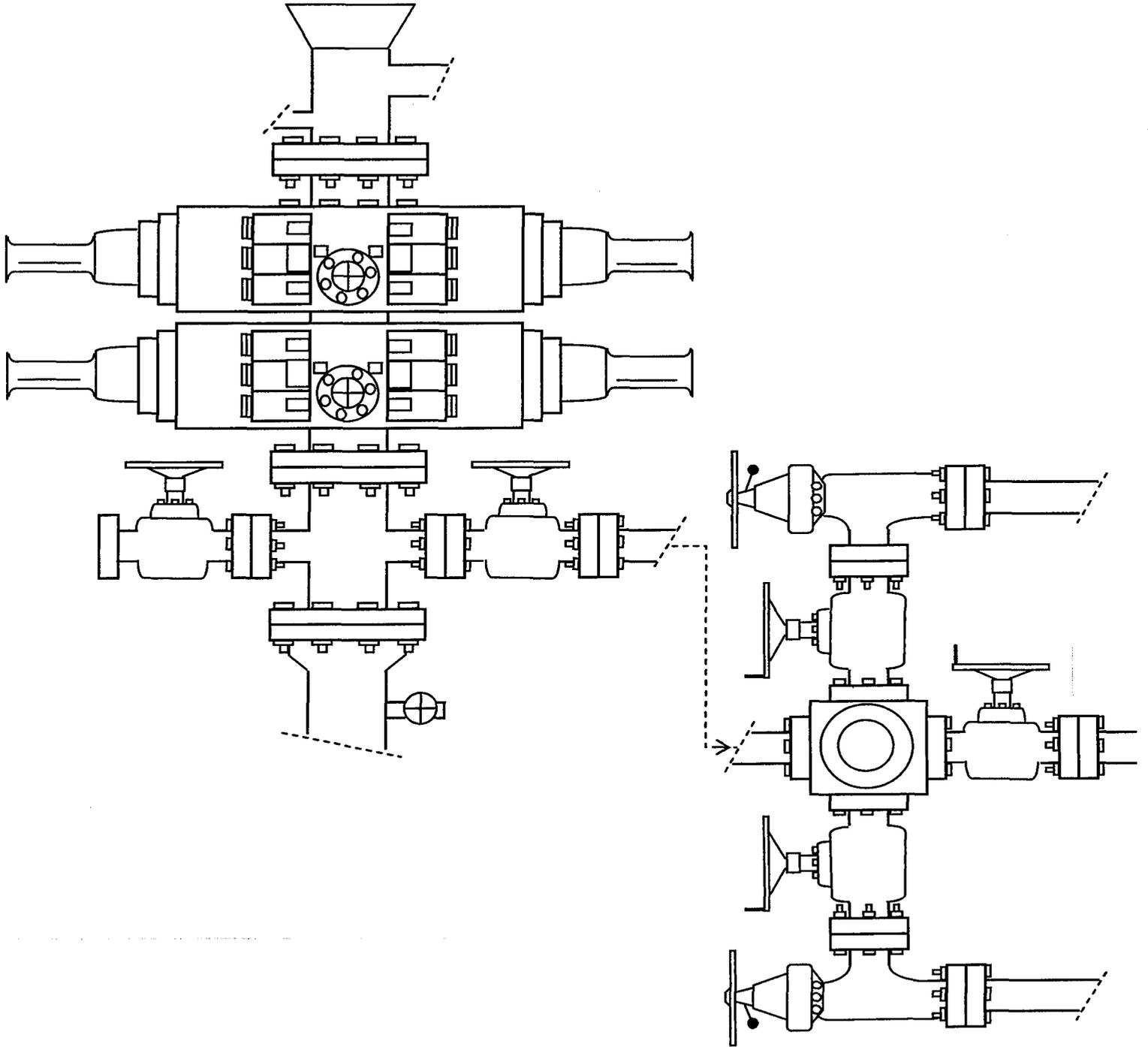


EXHIBIT C

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 04/21/2008

API NO. ASSIGNED: 43-013-33959

WELL NAME: ASHLEY FED F-14-9-15  
 OPERATOR: NEWFIELD PRODUCTION ( N2695 )  
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWNW 14 090S 150E  
 SURFACE: 0646 FNL 0656 FWL  
 BOTTOM: 1360 FNL 0065 FWL  
 COUNTY: DUCHESNE  
 LATITUDE: 40.03639 LONGITUDE: -110.2059  
 UTM SURF EASTINGS: 567754 NORTHINGS: 4431889  
 FIELD NAME: MONUMENT BUTTE ( 105 )

*SUNW*

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

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-66184  
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

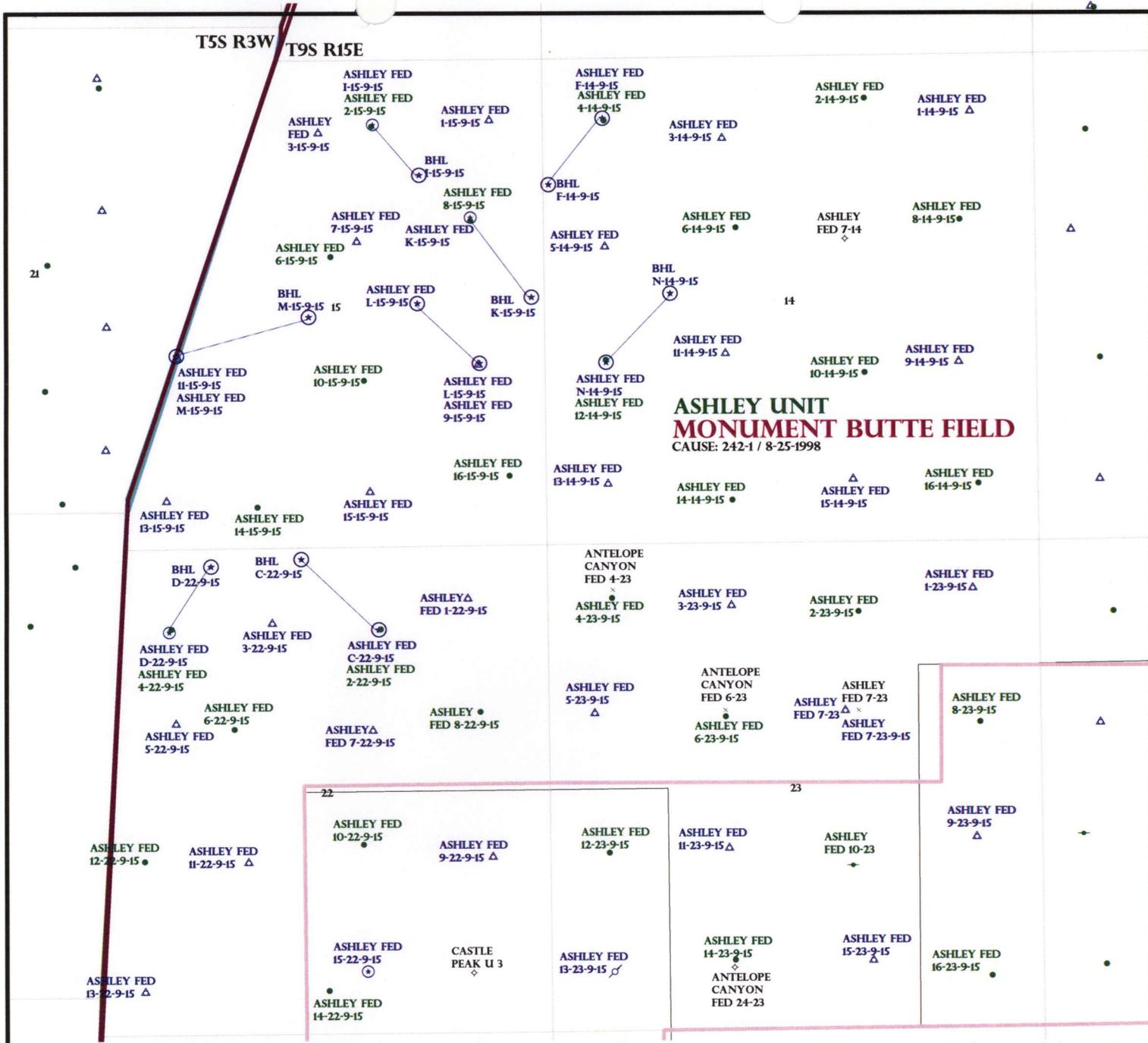
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. WYB000493 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 43-10136 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- \_\_\_ R649-2-3.
- Unit: ASHLEY
- \_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- \_\_\_ R649-3-3. Exception
- Drilling Unit  
Board Cause No: 242-1  
Eff Date: 8-25-1998  
Siting: Suspends General Siting
- R649-3-11. Directional Drill

COMMENTS: Sop, Suspend BL

STIPULATIONS: 1- Federal Approval



OPERATOR: NEWFIELD PROD CO (N2695)  
 SEC: 14,15,22 T.9S R. 15E  
 FIELD: MONUMENT BUTTE (105)  
 COUNTY: DUCHESNE  
 CAUSE: 242-1 / 8-25-1998

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

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

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



OIL, GAS & MINING



PREPARED BY: DIANA MASON  
 DATE: 23-APRIL-2008

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:  
3160  
(UT-922)

April 23, 2008

Memorandum

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

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

API#	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-33959	Ashley Fed F-14-9-15	Sec 14 T09S R15E 0646 FNL 0656 FWL BHL Sec 14 T09S R15E 1360 FNL 0065 FWL
43-013-33960	Ashley Fed N-14-9-15	Sec 14 T09S R15E 1986 FSL 0656 FWL BHL Sec 14 T09S R15E 2560 FNL 1360 FWL
43-013-33961	Ashley Fed M-15-9-15	Sec 15 T09S R15E 2107 FSL 0552 FWL BHL Sec 15 T09S R15E 2474 FSL 2545 FEL
43-013-33962	Ashley Fed L-15-9-15	Sec 15 T09S R15E 1973 FSL 0717 FEL BHL Sec 15 T09S R15E 2650 FNL 1335 FEL
43-013-33963	Ashley Fed C-22-9-15	Sec 22 T09S R15E 0919 FNL 1801 FEL BHL Sec 22 T09S R15E 0155 FNL 2630 FEL

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

/s/ Michael L. Coulthard



April 24, 2008

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

RE: Directional Drilling  
**Ashley Federal F-14-9-15**  
Ashley Unit  
UTU-73520X  
Surface Hole: T9S R15E, Section 14: NWNW  
646' FNL 656' FWL  
Bottom Hole: T9S R15E, Section 14  
1360 FNL 65' FWL  
Duchesne County, Utah

Dear Ms. Mason;

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

The surface hole location and bottom hole location of this well are both within the boundaries of the Ashley Federal Unit UTU-73520X. Newfield certifies that it is the Ashley Unit Operator and all lands within 460 feet of the entire directional well bore are within the Ashley Unit.

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

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

Sincerely,  
NEWFIELD PRODUCTION COMPANY

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

Roxann Eveland  
Land Associate

**RECEIVED**

**APR 28 2008**

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

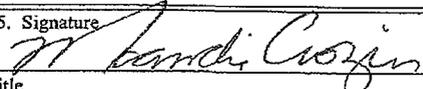
FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

5. Lease Serial No. UTU-66184	
6. If Indian, Allottee or Tribe Name N/A	
7. If Unit or CA Agreement, Name and No. Ashley PA AB	
8. Lease Name and Well No. Ashley Federal F-14-9-15	
9. API Well No.	
1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	10. Field and Pool, or Exploratory Monument Butte
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone	11. Sec., T., R., M., or Blk. and Survey or Area  Sec. 14, T9S R15E
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
14. Distance in miles and direction from nearest town or post office* Approximatley 14.9 miles southwest of Myton, Utah	
12. County or Parish Duchesne	
13. State UT	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1360' f/ise, 2000' f/unit	16. No. of Acres in lease 1,360.57
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. 1296'	19. Proposed Depth 6250'
20. BLM/BIA Bond No. on file WYB000493	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6171' GL	22. Approximate date work will start* 3rd Quarter 2008
23. Estimated duration Approximately seven (7) days from spud to rig release.	

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 4/11/08
Title Regulatory Specialist		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

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

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

\*(Instructions on reverse)

RECEIVED

APR 28 2008

DIV. OF OIL, GAS & MINING





JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

April 29, 2008

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

Re: Ashley Federal F-14-9-15 Well, Surface Location 646' FNL, 656' FWL, NW NW, Sec. 14, T. 9 South, R. 15 East, Bottom Location 1360' FNL, 65' FWL, SW NW, Sec. 14, T. 9 South, R. 15 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 43-013-33959.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

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



**Operator:** Newfield Production Company  
**Well Name & Number** Ashley Federal F-14-9-15  
**API Number:** 43-013-33959  
**Lease:** UTU-66184

**Surface Location:** NW NW      **Sec.** 14      **T.** 9 South      **R.** 15 East  
**Bottom Location:** SW NW      **Sec.** 14      **T.** 9 South      **R.** 15 East

### Conditions of Approval

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

#### 3. Reporting Requirements

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

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

RECEIVED  
 VERNAL FIELD OFFICE  
 2008 APR 16 PM 12:49

Form 3160-3  
 (September 2001)

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT

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

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-66184
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Ashley PA AB
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Ashley Federal F-14-9-15
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/NW 646' FNL 656' FWL At proposed prod. zone 1360' FNL 65' FWL <b>SWNW</b>		9. API Well No. <b>43 013 33959</b>
14. Distance in miles and direction from nearest town or post office* Approximatley 14.9 miles southwest of Myton, Utah		10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1360' f/ise, 2000' f/unit	16. No. of Acres in lease 1,360.57	11. Sec., T., R., M., or Blk. and Survey or Area Sec. 14, T9S R15E
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. 1296'	12. County or Parish Duchesne
19. Proposed Depth 6250'	20. BLM/BIA Bond No. on file WYB000493	13. State UT
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6171' GL	22. Approximate date work will start* 3rd Quarter 2008	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 4/11/08
Title Regulatory Specialist		

Approved by (Signature) 	Name (Printed/Typed) JERRY NEWEKA	Date SEP 22 2008
Title Assistant Field Manager Lands & Mineral Resources		
Office VERNAL FIELD OFFICE		

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

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

\*(Instructions on reverse)

CONDITIONS OF APPROVAL ATTACHED

NOTICE OF APPROVAL

RECEIVED

OCT 01 2008

DIV. OF OIL, GAS & MINING

NO 5 3/17/08  
 OBPP 0661A



**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: Ashley Federal F-14-9-15**  
**API No: 43-013-33959**

**Location: Lot 3, Sec 14, T9S, R15E**  
**Lease No: UTU-66184**  
**Agreement: Ashley 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	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

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

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

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

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify 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)**

### **General Surface COAs**

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

### **Specific Surface COAs**

STIPULATIONS: none.

#### Lease Notices (field review and RMP):

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

#### Comments:

The Project Area is not within an existing Field Development document. An Environmental Assessment will be prepared for this project well.

There is a historic sage-grouse lek approximately 1.7 miles northeast of the Project Area. However, no timing stipulations were applied to the Project Area as the area contains poor nesting habitat and the lek has not been active for many consecutive years.

If it is anticipated that construction or drilling will occur during the given timing restrictions for any wildlife, a BLM or qualified biologist shall be notified so surveys can be conducted. Depending upon the results of the surveys, permission to proceed may or may not be recommended or granted (depending on the species being surveyed and the condition of the habitat).

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

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

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

### **CONDITIONS OF APPROVAL:**

- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- All pipelines (surface and buried) will be laid within one 50' wide construction ROW, on one side of the road, and will reduce down to a 30' wide permanent ROW on lease.
- A temporary road ROW will not be granted. The road ROW will be 30 foot for construction and will reduce to an 18 foot running surface.

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

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

Seed mix:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirreltail grass	<i>Elymus elymoides</i>	3.0	¼ - ½"
Siberian wheatgrass	<i>Agropyron fragile</i>	1.0	½"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	½"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	½"
Gardner's saltbush	<i>Atriplex gardneri</i>	0.50	½"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	⅓ - ¼"
Forage Kochia	<i>Kochia prostrata</i>	0.10	⅓ - ¼"

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

• **Final reclamation:**

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

- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

## **DOWNHOLE CONDITIONS OF APPROVAL**

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

**Newfield Production Co. shall adhere to all referenced requirements in the SOP along with all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal Onshore Oil and Gas Orders. A complete angular deviation and directional survey report shall be submitted to the Vernal BLM field office within 30 days following the completion of the well.**

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

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

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

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

## OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid,

and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

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

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.  
**UTU-66184**

6. If Indian, Allottee or Tribe Name  
**NA**

7. If Unit or CA, Agreement Designation  
**ASHLEY (GR RVR)**

8. Well Name and No.  
**ASHLEY FEDERAL F-14-9-15**

9. API Well No.  
**43-013-33959**

10. Field and Pool, or Exploratory Area  
**MONUMENT BUTTE**

11. County or Parish, State  
**DUCHESNE COUNTY, UT.**

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**NEWFIELD PRODUCTION COMPANY**

3. Address and Telephone No.  
**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**646 FNL 656 FWL      NW/NW Section 14, T9S R15E**

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <b>Permit Extension</b> <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Newfield Production Company requests to extend the Permit to Drill this well for one year.

Approved by the  
Utah Division of  
Oil, Gas and Mining

**COPY SENT TO OPERATOR**

Date: 4.7.2009  
Initials: KS

Date: 04-06-09  
By: [Signature]

**RECEIVED**  
**APR 02 2009**

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Mandie Crozier Title Regulatory Specialist Date 3/30/2009  
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

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

Conditions of approval, if any:

CC: Utah DOGM



**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-013-33959  
**Well Name:** Ashley Federal F-14-9-15  
**Location:** NW/NW Section 14, T9S R15E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 4/29/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes  No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes  No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes  No

Has the approved source of water for drilling changed? Yes  No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes  No

Is bonding still in place, which covers this proposed well? Yes  No

Mandi Crojis  
Signature

3/30/2009  
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

**RECEIVED**  
**APR 02 2009**  
DIV. OF OIL, GAS & MINING

Spud  
BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross # 29 Submitted  
By Jim Smith Phone Number 823-  
2072

Well Name/Number Ashley Fed F-14-9-15  
Qtr/Qtr NW/NW Section 14 Township 9S Range 15E  
Lease Serial Number UTU- 66184  
API Number 43-013-33959

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

Date/Time 11/17/09 9:00 AM  PM

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

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

Date/Time 11/17/09 4:00 AM  PM

BOPE

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

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

Remarks \_\_\_\_\_

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	17410	43-013-34266	UTE TRIBAL 3-25-4-3	NENW	25	4S	3W	DUCHESNE	11/19/09	11/30/09
WELL 1 COMMENTS GRRU											
B	99999	10835	43-013-33516	MONUMENT BUTTE FEDERAL I-35-8-16	NWNE	35	8S	16E	DUCHESNE	11/18/09	11/30/09
WELL 2 COMMENTS GRRU BHL = NWNE											
A	99999	17411	43-013-50035	UTE TRIBAL 5-25-4-3	SWNW	25	4S	3W	DUCHESNE	11/20/09	11/30/09
WELL 3 COMMENTS GRRU											
B	99999	12419	43-013-33941	ASHLEY FEDERAL I-15-9-15	NWNE	15	9S	15E	DUCHESNE	11/14/09	11/30/09
WELL 4 COMMENTS GRRU BHL = NWNE											
B	99999	12419	43-013-33959	ASHLEY FEDERAL F-14-9-15	NWNW	14	9S	15E	DUCHESNE	11/20/09	11/30/09
WELL 5 COMMENTS GRRU BHL = SWNW											
WELL 5 COMMENTS											

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

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**NOV 24 2009**

*Kim Swasey*  
 Signature **Kim Swasey**  
**Production Analyst** **11/24/2009**  
 Title Date

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

1. Type of Well  
 Oil Well    Gas Well    Other

2. Name of Operator  
 NEWFIELD PRODUCTION COMPANY

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

3b. Phone   (include are code)  
 435.646.3721

4. Location of Well   (Footage, Sec., T., R., M., or Survey Description)  
 NWNW Section 14 T9S R15E

5. Lease Serial No.  
 USA UTU-66184

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
 ASHLEY PA AB

8. Well Name and No.  
 ASHLEY FEDERAL F-14-9-15

9. API Well No.  
 4301333959

10. Field and Pool, or Exploratory Area  
 MONUMENT BUTTE

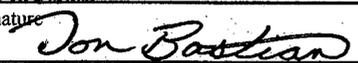
11. County or Parish, State  
 DUCHESNE, UT

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

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

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

On 11/17/09 MIRU Ross # 29. Spud well @ 9:00am. Drill 315' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 319.60' On 11/20/09 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/sk yeild. Returned 7 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Don Bastian	Title Drilling Foreman
Signature 	Date 11/21/2009

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

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

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

(Instructions on page 2)

**RECEIVED**  
**NOV 25 2009**





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

1. Type of Well  
 Oil Well    Gas Well    Other

2. Name of Operator  
 NEWFIELD PRODUCTION COMPANY

3a. Address    Route 3 Box 3630                      3b. Phone    (include are code)  
                   Myton, UT 84052                                      435.646.3721

4. Location of Well    (Footage, Sec., T., R., M., or Survey Description)  
  
 NWNW Section 14 T9S R15E

5. Lease Serial No.  
 USA UTU-66184

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
 ASHLEY FEDERAL F-14-9-15

9. API Well No.  
 4301333959

10. Field and Pool, or Exploratory Area  
 MONUMENT BUTTE

11. County or Parish, State  
 DUCHESNE, UT

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

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

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 12/1/09 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 @ 275'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6175'. 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, 146 jt's of 5.5 J-55, 15.5# csgn. Set @ 6170.30' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.54 yld. The 400 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 66 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 80,000 #'s tension. Release rig @ 3:30 pm 12/6/09.

**RECEIVED**  
**DEC 22 2009**  
DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed) Don Bastian	Title Drilling Foreman
Signature <i>Don Bastian</i>	Date 12/06/2009

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

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

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





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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-66184

**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:  
GMBU

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
ASHLEY FEDERAL F-14-9-15

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301333959

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

10. FIELD AND POOL, OR WILDCAT:  
MONUMENT BUTTE

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWNW, 14, T9S, R15E STATE: UT

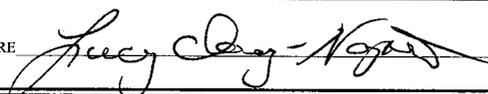
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>12/30/2009</u>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
The above subject well was completed on 12-30-09, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE 

DATE 01/05/2010

(This space for State use only)

**RECEIVED**  
**JAN 11 2010**  
**DIV. OF OIL, GAS & MINING**

## Daily Activity Report

Format For Sundry

**ASHLEY F-14-9-15**

**10/1/2009 To 2/28/2010**

**12/17/2009 Day: 1**

**Completion**

Rigless on 12/17/2009 - Run CBL & shoot first stage. - 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 @ 6082' cement top @ 54'. Perforate stage #1. CP5 sds @ 5994-96' & 5966-68' & CP4 sds @ 5885-88' w/ 3 1/8" port plug guns (11 gram, .36" EH, 120°, 16.82" pen, PPG-3111-301 Titan) w/ 3 spf for total of 21 shots. 146 BWTR. SWIFN.

**Daily Cost:** \$0

**Cumulative Cost:** \$10,648

**12/21/2009 Day: 2**

**Completion**

Rigless on 12/21/2009 - Frac well. Flow well. 909 BWTR. - RU PSI wireline. Perf CP1/Cpstray/LODC sds. RU BJ Services. Frac CP1/Cpstray/LODC sds as detailed in stim tab. 1100 BWTR. - RU PSI wireline. Perf LODC sds. RU BJ Services. Frac LODC as detailed in stim tab. 1389 BWTR. - RU PSI wireline. Perf C1/D1/D2 sds. RU BJ Services. Frac C1/D1/D2 as detailed in stim tab. 2089 BWTR. - RU BJ Services. Frac CP5/CP4 sds as detailed in stimulation tab. 521 BWTR. - RU PSI wireline. Perf GB6 sds. RU BJ Services. Frac GB6 sds as detailed in stim tab. 2349 BWTR. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 8 hrs. Recovered 1440 bbls water. 909 BWTR.

**Daily Cost:** \$0

**Cumulative Cost:** \$90,668

**12/28/2009 Day: 4**

**Completion**

NC #1 on 12/28/2009 - Thau BOP & W/HD,N/U 5,000 BOP,RIH W/-Bit & Tbg To Plg @ 4190' Drill Up Plg @ 4190'-4320',4960,SWI, Drain Rig pmp, C/SDFN. - RU The Perforators wireline truck & crane. Set solid CBP @ 4190'. Bleed off well. RD wireline truck. - RU The Perforators wireline truck & crane. Set solid CBP @ 4190'. Bleed off well. RD wireline truck. - 5:30AM-6:00AM C/Trvl, 6:00AM R/U D&M H/Oiler Thau BOP & W/-HD, N/D 10,000 BOP & Frac HD, N/U 3,000 Flnge & 5,000 BOP. P/U & RIH W/-4 3/4" Bit, Bit Sub, RIH W/-129 Jts Tbg To Plg @ 4190', R/U RBS Swvl, R/U R/pmp, Drill Up Plg, 20 Min Drill Time, Swvl I/Hle To Plg @ 4320', Drill Up Plg, 40 Min Drill Time, Swvl I/Hle To Fill @ 4847', C/Out To Plg @ 4960', Drill Up Plg, 40 Min Drill Time. Swvl I/Hle W/-1 Jt Tbg, EOB @ 5005', SWI, Drain Up, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. Gained 80 BW For Day, 829 BWTR. - 5:30AM-6:00AM C/Trvl, 6:00AM R/U D&M H/Oiler Thau BOP & W/-HD, N/D 10,000 BOP & Frac HD, N/U 3,000 Flnge & 5,000 BOP. P/U & RIH W/-4 3/4" Bit, Bit Sub, RIH W/-129 Jts Tbg To Plg @ 4190', R/U RBS Swvl, R/U R/pmp, Drill Up Plg, 20 Min Drill Time, Swvl I/Hle To Plg @ 4320', Drill Up Plg, 40 Min Drill Time, Swvl I/Hle To Fill @ 4847', C/Out To Plg @ 4960', Drill Up Plg, 40 Min Drill Time. Swvl I/Hle W/-1 Jt Tbg, EOB @ 5005', SWI, Drain Up, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. Gained 80 BW For Day, 829 BWTR.

**Daily Cost:** \$0

**Cumulative Cost:** \$138,340

**12/29/2009 Day: 5**

**Completion**

NC #1 on 12/29/2009 - Drill Up Remainder Of Plgs @ 5330'-5790', Cln Out To PBTD, Swab For Cln Up, Recvred 93 BW Lite Trce Sand, 5% Oil Cut, Tried To Flow 6 Times But Would Not Keep Flowing, SWI, C/SDFN. - 5:30AM-6:00AM C/Trvl, 6:00AM R/U D&M H/Oiler Thau BOP & W/-HD, OWU, R/U RBS Pwr Swvl, RIH W/-Tbg To Plg @ 5330', Drill Up Plg, 40 Min Drill Time, Swvl I/Hle To Fill @ 5595', Cln Out To Plg @ 5790', Drill Up Plg, 35 Min Drill Time, Swvl I/Hle To Fill @ 6012', Drill & Cln Out To PBTD @ 6127', Curc Well Cln 1 Hr. R/D Swvl, POOH W/-4 Jts Tbg, EOB @ 6011'. R/U Swab, RIH IFL @ Surf, Made Swab Runs, Recvred 93 BW, Lite Trce Sand, 5% Oil Cut, Well Tried To Flow 6 Times Thru Day But Would Not Keep Flowing. SWI, 5:30PM C/SDFN, 5:30PM-6:00PM C/Trvl. Well Gained 60 BW On C/Out To PBTD. Total BWTR = 676

**Daily Cost:** \$0

**Cumulative Cost:** \$145,350

**12/30/2009 Day: 6**

**Completion**

NC #1 on 12/30/2009 - Curc Out @ PBTD, Trip For Tbg Production, Set T/A, N/U W/-HD. RIH W/-pmp & Rod Prod String. POP @ 5:00PM 168" SL, 5 SPM ( Final Report ) - 5:30AM-6:00AM C/Trvl, 6:00AM R/U D&M H/Oiler Thau BOP & W/-HD, OWU, RIH W/-4 Jts Tbg To PBTD @ 6127' No Fill. R/U R/pmp, Curc Well Cln. POOH W/-189 Jts Tbg, Bit Sub & Bit. P/U & RIH W/-N/C, 2 Jts Tbg, S/N, 1 Jt Tbg, 5 1/2" T/A, 183 Jts Tbg, R/D Flr, N/D BOP, sET t/a iN 18,000 Tension, N/U W/-HD. P/U Stroke & RIH W/-Central Hydraulic 2 1./2X1 3/4X20X24' RHAC, 4-1 1/2 Wt Bars, 234-7/8 Guided Rods, 7/8X6'-2' Pony Rods, 1 1/2X30' Polish Rod, Seat pmp, R/U Unit, Fill Tbg W/-1 BW, Stroke Unit & Tbg To 800 Psi, Good Test. Rack Out Eq, R/D Rig, POP @ 6:00PM, 168" SL, 5 SPM, 6:00PM-6:30PM C/Trvl, 719 BWTR, ( Final Report ). **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$190,028

**Pertinent Files: Go to File List**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
UTU-66184

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

6. If Indian, Allottee or Tribe Name

2. Name of Operator  
NEWFIELD EXPLORATION COMPANY

7. Unit or CA Agreement Name and No.  
GMBU

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

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

8. Lease Name and Well No.  
ASHLEY FEDERAL F-14-9-15

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

At surface 646' FNL & 656' FWL (NW/NW) SEC. 14, T9S, R15E

At top prod. interval reported below 1197' FNL & 207 FWL (NW/NW) SEC. 14, T9S, R15E (UTU-66184)

At total depth 1500' FNL & 47' FEL (SE/NE) SEC 15, T9S, R15E (UTU-66184) *per HSM review*

10. Field and Pool or Exploratory  
MONUMENT BUTTE

11. Sec., T., R., M., on Block and  
Survey or Area SEC. 14, T9S, R15E

12. County or Parish DUCHESNE  
13. State UT

14. Date Spudded  
11/17/2009

15. Date T.D. Reached  
12/06/2009

16. Date Completed 12/30/2009  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
6171' GL 6183' KB

18. Total Depth: MD 6175'  
TVD 6059'

19. Plug Back T.D.: MD 6127'  
TVD 6012

20. Depth Bridge Plug Set: MD  
TVD

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

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

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	320'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6170'		300 PRIMLITE		54'	
						400 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 6054'	TA @ 5953'						

25. Producing Intervals

Formation	Top	Bottom	26. Perforation Record	Size	No. Holes	Perf. Status
A) See Below			See Below			
B) GORV			4242-5996			
C)						
D)						

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

Depth Interval	Amount and Type of Material
See Below	See Below

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12-30-09	1-13-10	24	→	61	15	56			2-1/2" x 1-3/4" x 20' x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

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

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JAN 19 2010

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

28b. Production - Interval C

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

28c. Production - Interval D

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

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

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3655' 3895'
				GARDEN GULCH 2 POINT 3	4002' 4263'
				X MRKR Y MRKR	4537' 4573'
				DOUGALS CREEK MRK BI CARBONATE MRK	4678' 4930'
				B LIMESTON MRK CASTLE PEAK	5030' 5596'
				BASAL CARBONATE	6060'

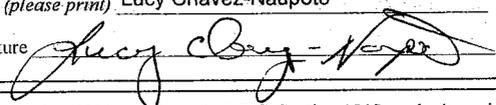
32. Additional remarks (include plugging procedure):

- Stage 1: Green River Formation (CP5 & CP4) 5885-88', 5966-68', 5994-96', .36" 3/21 Frac w/ 19950#s of 20/40 sand in 170 bbls of Lightning 17 fluid
- Stage 2: Green River Formation (CP stray, LODC, & CP1) 5519-22', 5615-18', 5703-06', .34" 3/27 Frac w/ 66038#s of 20/40 sand in 398 bbls of Lightning 17 fluid
- Stage 3: Green River Formation (LODC) 5247-53' .34" 3/18 Frac w/ 14943#s of 20/40 sand in 123 bbls of Lightning 17 fluid
- Stage 4: Green River Formation (D2, D1 & C1) 4716-20', 4779-83', 4878-82', .34" 3/36 Frac w/ 89265#s of 20/40 sand in 540 bbls of Lightning 17 fluid
- Stage 5: Green River Formation (GB6) 4242-45' .34" 3/9 Frac w/ 13296#s of 20/40 sand in 104 bbls of Lightning 17 fluid

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

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

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

Name (please print) Lucy Chavez-Naupoto Title Administrative Assistant  
 Signature  Date 01/14/2010

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.

(Continued on page 3)

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**NEWFIELD**



# **NEWFIELD EXPLORATION**

**USGS Myton SW (UT)  
SECTION 14 T9S, R15E  
F-14-9-15**

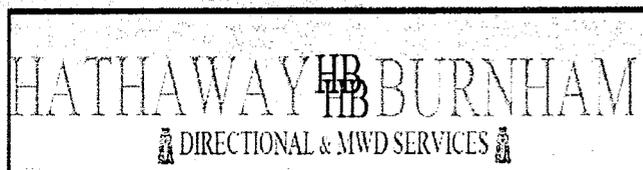
**Wellbore #1**

**Design: Wellbore #1**

## **Standard Survey Report**

**21 December, 2009**

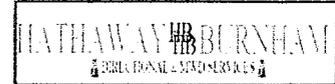
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# HathawayBurnham

## Survey Report



<b>Company:</b>	NEWFIELD EXPLORATION	<b>Local Co-ordinate Reference:</b>	Well F-14-9-15
<b>Project:</b>	USGS Myton SW (UT)	<b>TVD Reference:</b>	F-14-9-15 @ 6183.0ft (NEWFIELD RIG 2)
<b>Site:</b>	SECTION 14 T9S, R15E	<b>MD Reference:</b>	F-14-9-15 @ 6183.0ft (NEWFIELD RIG 2)
<b>Well:</b>	F-14-9-15	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Wellbore #1	<b>Database:</b>	EDM 2003.21 Single User Db

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

<b>Site</b>	SECTION 14 T9S, R15E, SEC 14 T9S, R15E				
<b>Site Position:</b>		<b>Northing:</b>	7,182,599.00 ft	<b>Latitude:</b>	40° 1' 51.065 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,003,890.00 ft	<b>Longitude:</b>	110° 12' 6.777 W
<b>Position Uncertainty:</b>	0.0 ft	<b>Slot Radius:</b>	"	<b>Grid Convergence:</b>	0.83 °

<b>Well</b>	F-14-9-15, SHL LAT: 40 02 11.01 LONG: -110 12 23.46					
<b>Well Position</b>	<b>+N/-S</b>	0.0 ft	<b>Northing:</b>	7,184,598.02 ft	<b>Latitude:</b>	40° 2' 11.010 N
	<b>+E/-W</b>	0.0 ft	<b>Easting:</b>	2,002,563.37 ft	<b>Longitude:</b>	110° 12' 23.460 W
<b>Position Uncertainty</b>		0.0 ft	<b>Wellhead Elevation:</b>	6,183.0 ft	<b>Ground Level:</b>	6,171.0 ft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF200510	2009/11/18	11.56	65.81	52,426

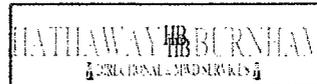
<b>Design</b>	Wellbore #1				
<b>Audit Notes:</b>					
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>	
	0.0	0.0	0.0	219.62	

<b>Survey Program</b>	Date 2009/12/21				
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
418.0	6,175.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
418.0	0.51	184.78	418.0	-1.9	-0.2	1.5	0.12	0.12	0.00
448.0	0.33	171.82	448.0	-2.1	-0.2	1.7	0.67	-0.60	-43.20
479.0	0.44	173.95	479.0	-2.3	-0.1	1.8	0.36	0.35	6.87
510.0	0.31	186.12	510.0	-2.5	-0.1	2.0	0.49	-0.42	39.26
540.0	0.31	161.82	540.0	-2.6	-0.1	2.1	0.43	0.00	-81.00
571.0	0.60	186.50	571.0	-2.9	-0.1	2.3	1.11	0.94	79.61
602.0	0.90	200.76	602.0	-3.3	-0.2	2.6	1.13	0.97	46.00
632.0	1.12	197.48	632.0	-3.8	-0.4	3.1	0.76	0.73	-10.93
663.0	1.60	215.24	663.0	-4.4	-0.7	3.9	2.04	1.55	57.29
693.0	2.02	216.60	693.0	-5.2	-1.3	4.8	1.41	1.40	4.53
724.0	2.70	222.70	723.9	-6.2	-2.1	6.1	2.34	2.19	19.68
754.0	3.32	222.75	753.9	-7.3	-3.2	7.6	2.07	2.07	0.17

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Company: NEWFIELD EXPLORATION  
 Project: USGS Myton SW (UT)  
 Site: SECTION 14 T9S, R15E  
 Well: F-14-9-15  
 Wellbore: Wellbore #1  
 Design: Wellbore #1

Local Co-ordinate Reference: Well F-14-9-15  
 TVD Reference: F-14-9-15 @ 6183.0ft (NEWFIELD RIG 2)  
 MD Reference: F-14-9-15 @ 6183.0ft (NEWFIELD RIG 2)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature  
 Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
785.0	3.70	224.00	784.8	-8.7	-4.5	9.5	1.25	1.23	4.03
816.0	4.02	226.60	815.8	-10.2	-6.0	11.6	1.18	1.03	8.39
846.0	4.30	227.10	845.7	-11.6	-7.5	13.8	0.94	0.93	1.67
877.0	4.78	226.03	876.6	-13.3	-9.3	16.2	1.57	1.55	-3.45
909.0	5.10	226.40	908.5	-15.2	-11.3	19.0	1.00	1.00	1.16
941.0	5.49	226.84	940.3	-17.3	-13.5	21.9	1.23	1.22	1.38
972.0	5.80	229.10	971.2	-19.3	-15.7	24.9	1.23	1.00	7.29
1,004.0	6.10	226.22	1,003.0	-21.5	-18.2	28.2	1.32	0.94	-9.00
1,036.0	6.60	226.30	1,034.8	-24.0	-20.7	31.7	1.56	1.56	0.25
1,067.0	7.01	226.44	1,065.6	-26.5	-23.4	35.3	1.32	1.32	0.45
1,099.0	7.51	224.84	1,097.3	-29.4	-26.3	39.4	1.69	1.56	-5.00
1,131.0	7.84	224.62	1,129.1	-32.4	-29.3	43.6	1.04	1.03	-0.69
1,162.0	8.30	224.80	1,159.7	-35.5	-32.3	48.0	1.49	1.48	0.58
1,194.0	8.70	222.40	1,191.4	-38.9	-35.6	52.7	1.67	1.25	-7.50
1,226.0	9.10	221.40	1,223.0	-42.6	-38.9	57.6	1.34	1.25	-3.13
1,257.0	9.34	219.96	1,253.6	-46.4	-42.1	62.6	1.07	0.77	-4.65
1,289.0	9.90	219.90	1,285.2	-50.5	-45.6	67.9	1.75	1.75	-0.19
1,321.0	10.30	219.40	1,316.7	-54.8	-49.2	73.5	1.28	1.25	-1.56
1,353.0	10.70	218.69	1,348.1	-59.3	-52.8	79.4	1.31	1.25	-2.22
1,384.0	11.12	217.59	1,378.6	-63.9	-56.5	85.2	1.51	1.35	-3.55
1,416.0	11.40	216.60	1,409.9	-68.9	-60.2	91.5	1.06	0.88	-3.09
1,448.0	11.90	216.40	1,441.3	-74.1	-64.1	97.9	1.57	1.56	-0.63
1,479.0	12.33	216.97	1,471.6	-79.3	-68.0	104.4	1.44	1.39	1.84
1,511.0	12.81	216.25	1,502.8	-84.9	-72.1	111.4	1.58	1.50	-2.25
1,606.0	13.40	215.90	1,595.4	-102.3	-84.8	132.9	0.63	0.62	-0.37
1,701.0	12.04	214.53	1,688.0	-119.4	-96.9	153.7	1.47	-1.43	-1.44
1,891.0	11.58	216.84	1,874.0	-151.0	-119.5	192.5	0.35	-0.24	1.22
1,987.0	11.80	217.61	1,968.0	-166.5	-131.3	212.0	0.28	0.23	0.80
2,082.0	11.56	218.93	2,061.0	-181.6	-143.2	231.2	0.38	-0.25	1.39
2,177.0	11.95	219.41	2,154.1	-196.6	-155.4	250.5	0.42	0.41	0.51
2,272.0	12.26	219.57	2,246.9	-212.0	-168.1	270.5	0.33	0.33	0.17
2,366.0	12.57	219.87	2,338.7	-227.5	-181.0	290.7	0.34	0.33	0.32
2,461.0	12.81	219.85	2,431.4	-243.5	-194.4	311.5	0.25	0.25	-0.02
2,556.0	12.59	218.75	2,524.1	-259.7	-207.6	332.4	0.34	-0.23	-1.16
2,651.0	12.68	219.54	2,616.8	-275.8	-220.7	353.2	0.21	0.09	0.83
2,746.0	12.88	219.92	2,709.4	-292.0	-234.2	374.2	0.23	0.21	0.40
2,841.0	13.40	220.00	2,802.0	-308.0	-247.0	395.8	0.55	0.55	0.08
2,936.0	12.30	217.39	2,894.6	-324.0	-260.0	417.4	0.55	-0.16	-2.75
3,031.0	12.80	218.50	2,987.3	-340.0	-273.0	439.0	0.58	0.53	1.17
3,126.0	12.10	218.00	3,080.1	-356.0	-286.0	460.6	0.75	-0.74	-0.53
3,221.0	12.80	218.30	3,172.8	-372.0	-299.0	482.2	0.74	0.74	0.32
3,316.0	13.10	219.10	3,265.4	-388.0	-312.0	503.8	0.37	0.32	0.84
3,411.0	13.20	218.80	3,357.9	-404.0	-325.0	525.4	0.13	0.11	-0.32
3,506.0	12.79	220.03	3,450.5	-420.0	-338.0	547.0	0.52	-0.43	1.29
3,601.0	12.90	218.80	3,543.1	-436.0	-351.0	568.6	0.31	0.12	-1.29
3,696.0	12.57	219.29	3,635.8	-452.0	-364.0	590.2	0.37	-0.35	0.52
3,792.0	12.37	220.18	3,728.5	-468.0	-377.0	611.8	0.29	-0.21	0.93
3,887.0	12.19	221.34	3,821.2	-484.0	-390.0	633.4	0.32	-0.19	1.22
3,982.0	13.07	221.13	3,913.9	-500.0	-403.0	655.0	0.93	0.93	-0.22
4,077.0	13.23	221.65	4,006.6	-516.0	-416.0	676.6	0.21	0.17	0.55
4,172.0	13.00	221.66	4,100.1	-532.0	-429.0	698.2	0.24	-0.24	0.01
4,267.0	12.13	220.31	4,192.8	-548.0	-442.0	719.8	0.97	-0.92	-1.42
4,362.0	12.00	219.54	4,285.5	-564.0	-455.0	741.4	0.22	-0.14	-0.81
4,457.0	12.88	220.62	4,378.2	-580.0	-468.0	763.0	0.96	0.93	1.14

*Top of well  
4242'-45'*

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

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,552.0	12.65	220.47	4,471.1	-597.6	-488.2	771.6	0.24	-0.24	-0.16
4,647.0	12.61	221.63	4,563.8	-613.2	-501.9	792.4	0.27	-0.04	1.22
4,742.0	12.50	221.06	4,656.5	-628.7	-515.5	813.0	0.17	-0.12	-0.60
4,837.0	12.68	222.84	4,749.3	-644.1	-529.4	833.7	0.45	0.19	1.87
4,932.0	12.13	222.22	4,842.0	-659.2	-543.1	854.1	0.60	-0.58	-0.65
5,027.0	11.71	220.29	4,935.0	-673.9	-556.1	873.7	0.61	-0.44	-2.03
5,122.0	11.40	220.07	5,028.1	-688.4	-568.4	892.8	0.33	-0.33	-0.23
5,217.0	11.73	220.40	5,121.1	-703.0	-580.7	911.8	0.35	0.35	0.35
5,297.3	11.70	218.95	5,199.7	-715.5	-591.1	928.1	0.37	-0.04	-1.81
<b>F-14-9-15 TGT</b>									
5,313.0	11.69	218.66	5,215.1	-718.0	-593.1	931.3	0.37	-0.04	-1.82
5,408.0	12.22	218.69	5,308.1	-733.4	-605.4	951.0	0.56	0.56	0.03
5,502.0	11.60	221.90	5,400.1	-748.2	-617.9	970.3	0.97	-0.66	3.41
5,598.0	12.60	218.90	5,493.9	-763.5	-630.9	990.5	1.23	1.04	-3.13
5,693.0	12.68	216.91	5,586.6	-779.9	-643.7	1,011.2	0.47	0.08	-2.09
5,786.0	12.50	219.70	5,677.4	-795.8	-656.2	1,031.5	0.68	-0.19	3.00
5,881.0	11.80	218.71	5,770.3	-811.3	-668.9	1,051.5	0.77	-0.74	-1.04
5,975.0	11.47	220.29	5,862.3	-825.9	-680.9	1,070.4	0.49	-0.35	1.68
6,070.0	10.31	218.00	5,955.6	-839.8	-692.3	1,088.4	1.30	-1.22	-2.41
6,175.0	9.40	215.50	6,059.1	-854.2	-703.1	1,106.3	0.96	-0.87	-2.38

Wellbore Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
F-14-9-15 TGT	0.00	0.00	5,200.0	-714.0	-591.0	7,183,875.62	2,001,982.81	40° 2' 3.954 N	110° 12' 31.058 W
- hit/miss target									
- Shape									
- actual wellpath misses by 1.6ft at 5297.3ft MD (5199.7 TVD, -715.5 N, -591.1 E)									
- Circle (radius 75.0)									

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

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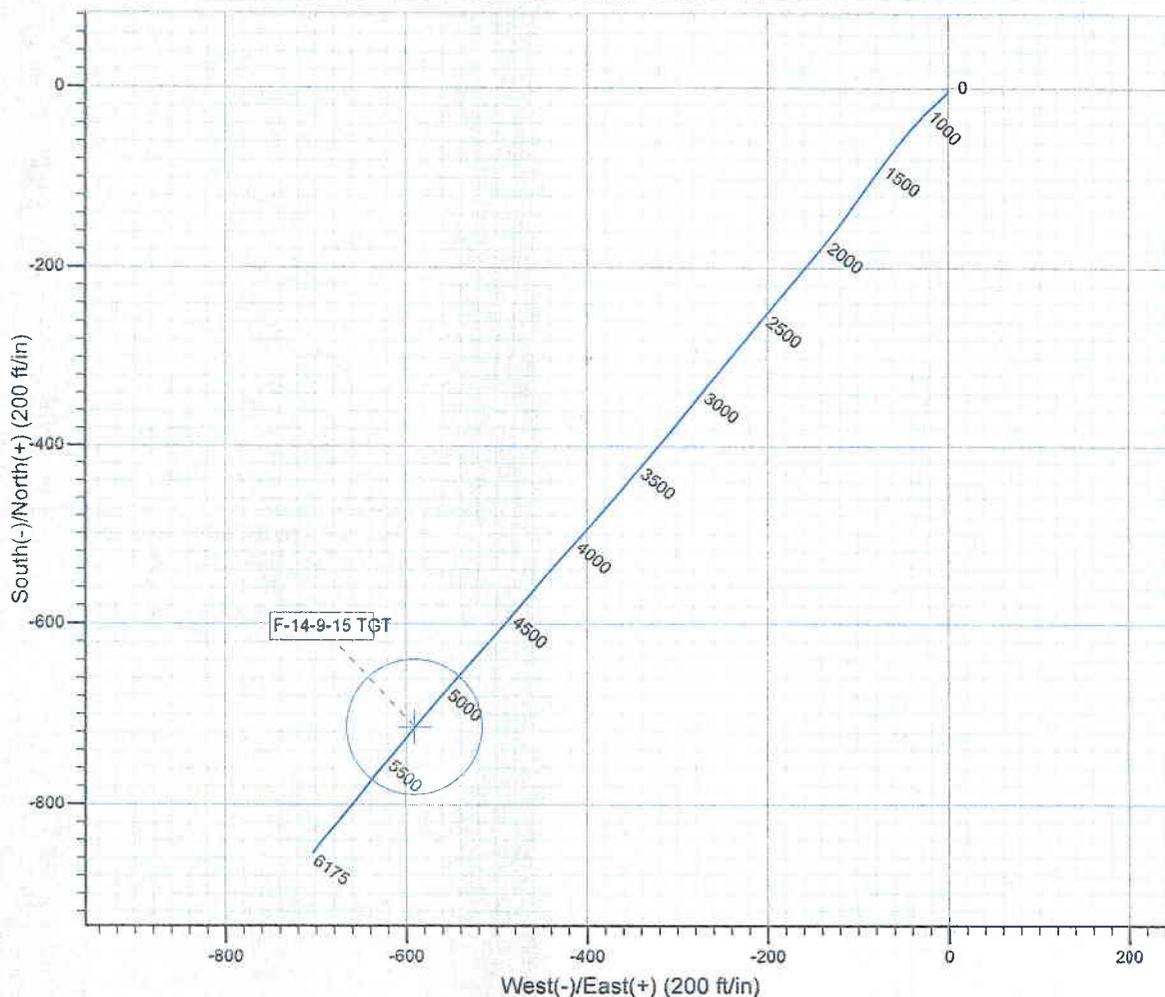
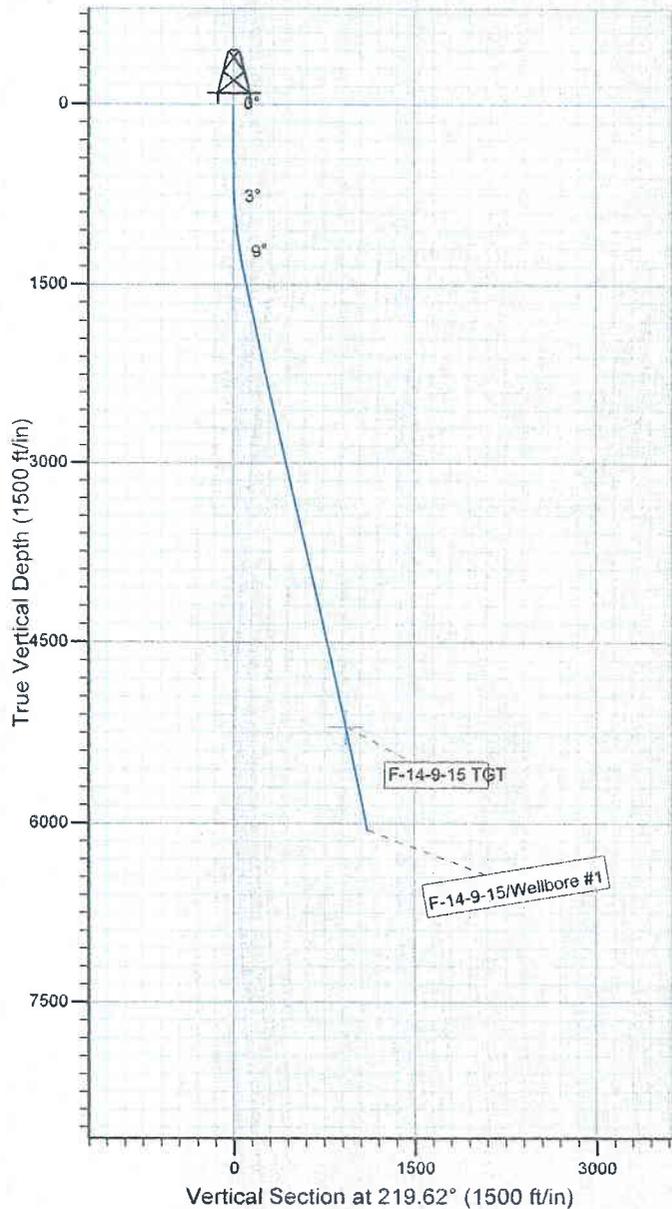
Project: USGS Myton SW (UT)  
Site: SECTION 14 T9S, R15E  
Well: F-14-9-15  
Wellbore: Wellbore #1  
SURVEY: Wellbore #1

FINAL SURVEY REPORT



Azimuths to True North  
Magnetic North: 11.55°

Magnetic Field  
Strength: 52426.4snT  
Dip Angle: 65.81°  
Date: 2009/11/18  
Model: IGRF200510



HATHAWAY HBBURNHAM  
DIRECTIONAL & MWD SERVICES

Design: Wellbore #1 (F-14-9-15/Wellbore #1)  
Created By: *Jim Hudson* Date: 19:41, December 21 2009  
THIS SURVEY IS CORRECT TO THE BEST OF MY  
KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.