

# NEWFIELD



Route #3 Box 3630  
Myton, Utah 84052  
(435) 646-4825, FAX: (435) 646-3031

March 17, 2008

State of Utah  
Division of Oil, Gas & Mining  
Attn: Diana Mason  
1594 West North Temple - Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill  
**Greater Boundary II Fed. V-28-8-17**  
**Greater Boundary II Fed. W-28-8-17**  
**Ashley Federal I-15-9-15**  
**Ashley Federal K-15-9-15**  
**Ashley Federal D-22-9-15**

Dear Diana:

Enclosed find APD's on the above referenced wells. Our Land Department will send you the required Directional Drill Letters. If you have any questions, feel free to give either Kevan Stevens or myself a call.

Sincerely,

Mandie Crozier  
Regulatory Specialist

mc  
enclosures

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-68548
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 D-22-9-15
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43013-33942
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/NW (Lot #1) 893' FNL 470' FWL At proposed prod. zone 180' FNL 915' FWL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 16.0 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 22, T9S R15E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 180' f/lse, 915' f/unit	16. No. of Acres in lease 711.22	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. 1104'	19. Proposed Depth 6245'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6380' GL	22. Approximate date work will start* 2nd 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 3/17/08
-------------------	--	-----------------

Title  
Regulatory Specialist

Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 03-31-08
-----------------------------	---	------------------

Title  
Office ENVIRONMENTAL MANAGER

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

Conditions of approval, if any, are attached.

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

\*(Instructions on reverse)

**Federal Approval of this  
Action is Necessary**

Surf  
566340X  
44301884  
40.02119  
- 110.22260

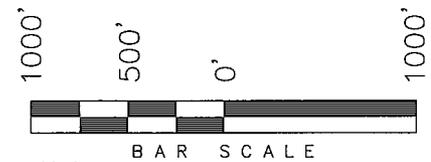
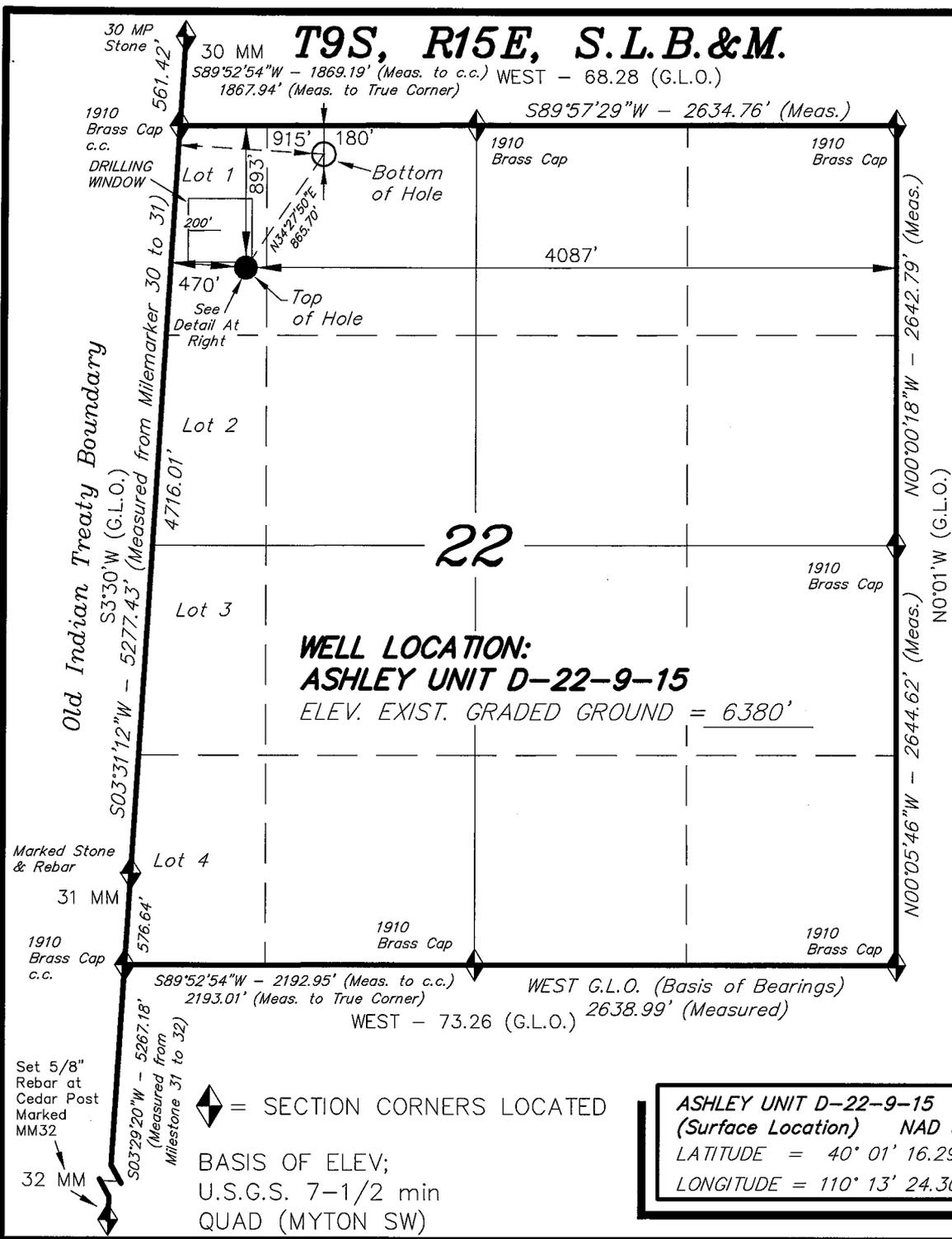
BHL  
566476X  
44304064  
40.02314  
- 110.22099

**RECEIVED**  
**MAR 19 2008**  
DIV. OF OIL, GAS & MINING

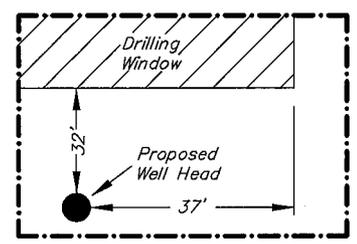
# T9S, R15E, S.L.B.&M.

## NEWFIELD PRODUCTION COMPANY

WELL LOCATION, ASHLEY UNIT D-22-9-15,  
 LOCATED AS SHOWN IN THE NW 1/4 NW  
 1/4 (LOT 1) OF SECTION 22, T9S, R15E,  
 S.L.B.&M. DUCHESNE COUNTY, UTAH.

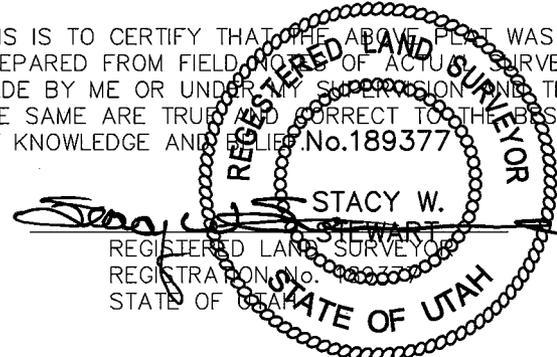


**Note:**  
 1. The bottom of hole footages are 180' FNL & 915' FWL.



**Detail**  
 No Scale

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



◆ = SECTION CORNERS LOCATED

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

**ASHLEY UNIT D-22-9-15  
 (Surface Location) NAD 83**  
 LATITUDE =  $40^{\circ} 01' 16.29''$   
 LONGITUDE =  $110^{\circ} 13' 24.30''$

<b>TRI STATE LAND SURVEYING &amp; CONSULTING</b> 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
DATE SURVEYED: 12-10-07	SURVEYED BY: T.H.
DATE DRAWN: 02-12-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY  
ASHLEY FEDERAL #D-22-9-15  
AT SURFACE: NW/NW (LOT #1) SECTION 22, 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' – 1552'
Green River	1552'
Wasatch	6245'

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

Green River Formation 1552' – 6245' - 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  
ASHLEY FEDERAL #D-22-9-15  
AT SURFACE: NW/NW (LOT #1) SECTION 22, 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 #D-22-9-15 located in the NW 1/4 NW 1/4 Section 22, 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 - 9.7 miles  $\pm$  to its junction with an existing dirt road to the southwest; proceed in a southwesterly direction - 4.6 miles  $\pm$  to its junction with an existing road to the southwest; proceed southwesterly - 0.3 miles  $\pm$  to its junction with the beginning of the access road to the existing Ashley Federal 4-22-9-15 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 4-22-9-15 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 4-22-9-15 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Ashley Federal D-22-9-15. 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 D-22-9-15 will be drilled off of the existing Ashley Federal 4-22-9-15 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**

Newfield Production Company requests 1230' of disturbed area be granted in Lease UTU-68548 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP. In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

The Archaeological Resource Survey and Paleontological Resource Survey for the 1230' of proposed water injection pipeline is attached. See attached report cover pages, Exhibit "D".

**Water Disposal**

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

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

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

**Ferruginous Hawk:** Due to this proposed well location's proximity (less than 0.5 mile) to an existing inactive ferruginous hawk nest site, no new construction or surface disturbing activities will be allowed between March 1 and July 31. If the nest remains inactive on May 30<sup>th</sup> (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location after that date. If the nest site becomes active prior to May 30, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for

two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

**Reserve Pit Liner**

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

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

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

Squirrel Tail	<i>Elymus Elymoides</i>	3 lbs/acre
Siberian Wheatgrass	<i>Agropyron Fragile</i>	1 lbs/acre
Gardner Saltbush	<i>Atriplex Gardneri</i>	0.5 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	0.5 lbs/acre
Fourwing Saltbush	<i>Atriplex Canescens</i>	0.5 lbs/acre
Scarlet Globemallow	<i>Sphaeralcea Conccinea</i>	0.10 lbs/acre

**Details of the On-Site Inspection**

The proposed Ashley Federal D-22-9-15 was on-sited on 2/28/08. The following were present; Dave Allred (Newfield Production), Kevan Stevens (Newfield Production ), Michael Cutler (Bureau of Land Management), and Dave Gordon (Bureau of Land Management). Weather conditions were clear and ground covered by snow.

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

Representative

Name: Kevan Stevens  
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 #D-22-9-15 Section 22, Township 9S, Range 15E: Lease UTU-68548 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

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

3/17/08

Date

  
Mandie Crozier  
Regulatory Specialist  
Newfield Production Company



**Scientific Drilling**  
Rocky Mountain Operations

Project: Duchesne County, UT NAD83 UTC  
Site: Ashley Unit  
Well: Ashley Unit D-22-9-15  
Wellbore: OH  
Design: Plan #1

**Newfield Exploration Co.**

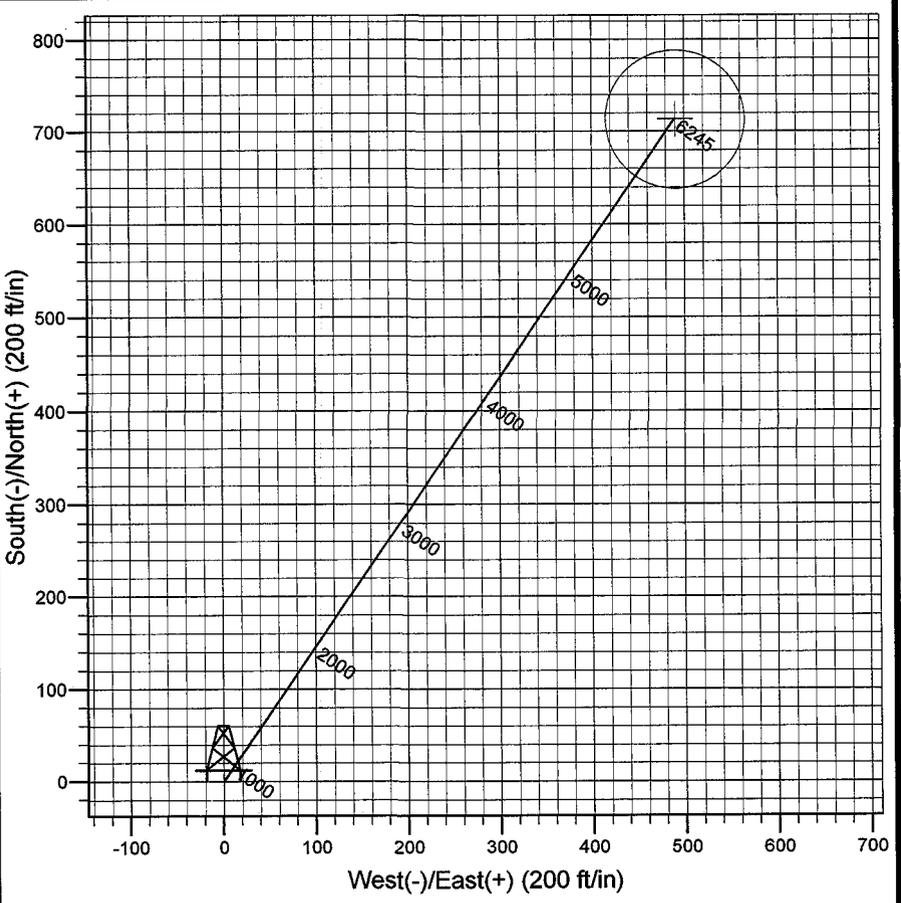
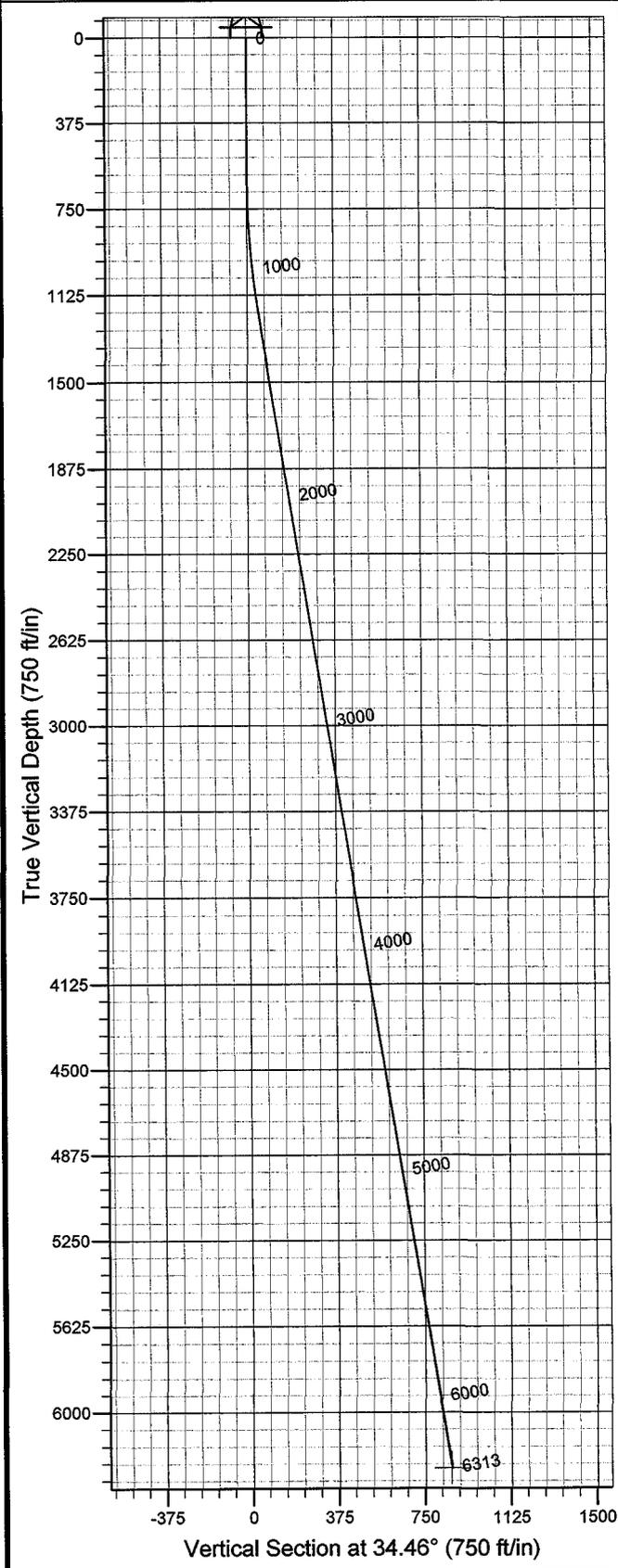


Azimuths to True North  
Magnetic North: 11.78°

Magnetic Field  
Strength: 52576.8snT  
Dip Angle: 65.83°  
Date: 2008-02-26  
Model: IGRF2005-10

WELL DETAILS: Ashley Unit D-22-9-15

GL 6380' & RKB 12' @ 6392.00ft (NDSI 2)		6380.00
+N/-S	+E/-W	Northing
0.00	0.00	7179008.33
		Easting
		1997915.08
		Latitude
		40° 1' 16.290 N
		Longitude
		110° 13' 24.300 W



Plan: Plan #1 (Ashley Unit D-22-9-15/OH)

Created By: Julie Cruse Date: 2008-02-26

PROJECT DETAILS: Duchesne County, UT NAD83 UTC

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

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	1214.21	9.21	34.46	1211.57	40.63	27.88	1.50	34.46	49.28	
4	6313.43	9.21	34.46	6245.00	713.79	489.84	0.00	0.00	865.70	AU D-22-9-15 PBHL

# **Newfield Exploration Co.**

**Duchesne County, UT NAD83 UTC**

**Ashley Unit**

**Ashley Unit D-22-9-15**

**OH**

**Plan: Plan #1**

## **Standard Planning Report**

**26 February, 2008**

# Scientific Drilling

## Planning Report

**Database:** EDM 2003.16 Single User Db  
**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT NAD83 UTC  
**Site:** Ashley Unit  
**Well:** Ashley Unit D-22-9-15  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well Ashley Unit D-22-9-15  
**TVD Reference:** GL 6380' & RKB 12' @ 6392.00ft (NDSI 2)  
**MD Reference:** GL 6380' & RKB 12' @ 6392.00ft (NDSI 2)  
**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 D-22-9-15, 893' FNL 470' FWL Sec 22 T9S R15E					
<b>Well Position</b>	<b>+N/-S</b>	0.00 ft	<b>Northing:</b>	7,179,008.33 ft	<b>Latitude:</b>	40° 1' 16.290 N
	<b>+E/-W</b>	0.00 ft	<b>Easting:</b>	1,997,915.08 ft	<b>Longitude:</b>	110° 13' 24.300 W
<b>Position Uncertainty</b>		0.00 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	6,380.00 ft

<b>Wellbore</b>	OH				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2005-10	2008-02-26	11.78	65.83	52,577

<b>Design</b>	Plan #1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>
	0.00	0.00	0.00	34.46

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,214.21	9.21	34.46	1,211.57	40.63	27.88	1.50	1.50	0.00	34.46	
6,313.43	9.21	34.46	6,245.00	713.79	489.84	0.00	0.00	0.00	0.00	AU D-22-9-15 PBHL

# Scientific Drilling

## Planning Report

**Database:** EDM 2003.16 Single User Db  
**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT NAD83 UTC  
**Site:** Ashley Unit  
**Well:** Ashley Unit D-22-9-15  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well Ashley Unit D-22-9-15  
**TVD Reference:** GL 6380' & RKB 12' @ 6392.00ft (NDSI 2)  
**MD Reference:** GL 6380' & RKB 12' @ 6392.00ft (NDSI 2)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

### Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	1.50	34.46	699.99	1.08	0.74	1.31	1.50	1.50	0.00
800.00	3.00	34.46	799.91	4.32	2.96	5.23	1.50	1.50	0.00
900.00	4.50	34.46	899.69	9.71	6.66	11.77	1.50	1.50	0.00
1,000.00	6.00	34.46	999.27	17.25	11.84	20.92	1.50	1.50	0.00
1,100.00	7.50	34.46	1,098.57	26.94	18.49	32.68	1.50	1.50	0.00
1,200.00	9.00	34.46	1,197.54	38.77	26.61	47.03	1.50	1.50	0.00
1,214.21	9.21	34.46	1,211.57	40.63	27.88	49.28	1.50	1.50	0.00
1,300.00	9.21	34.46	1,296.25	51.95	35.65	63.01	0.00	0.00	0.00
1,400.00	9.21	34.46	1,394.96	65.16	44.71	79.02	0.00	0.00	0.00
1,500.00	9.21	34.46	1,493.67	78.36	53.77	95.03	0.00	0.00	0.00
1,600.00	9.21	34.46	1,592.38	91.56	62.83	111.04	0.00	0.00	0.00
1,700.00	9.21	34.46	1,691.09	104.76	71.89	127.05	0.00	0.00	0.00
1,800.00	9.21	34.46	1,789.80	117.96	80.95	143.07	0.00	0.00	0.00
1,900.00	9.21	34.46	1,888.51	131.16	90.01	159.08	0.00	0.00	0.00
2,000.00	9.21	34.46	1,987.22	144.36	99.07	175.09	0.00	0.00	0.00
2,100.00	9.21	34.46	2,085.93	157.56	108.13	191.10	0.00	0.00	0.00
2,200.00	9.21	34.46	2,184.64	170.77	117.19	207.11	0.00	0.00	0.00
2,300.00	9.21	34.46	2,283.35	183.97	126.25	223.12	0.00	0.00	0.00
2,400.00	9.21	34.46	2,382.06	197.17	135.31	239.13	0.00	0.00	0.00
2,500.00	9.21	34.46	2,480.77	210.37	144.37	255.14	0.00	0.00	0.00
2,600.00	9.21	34.46	2,579.48	223.57	153.43	271.15	0.00	0.00	0.00
2,700.00	9.21	34.46	2,678.19	236.77	162.49	287.16	0.00	0.00	0.00
2,800.00	9.21	34.46	2,776.90	249.97	171.54	303.17	0.00	0.00	0.00
2,900.00	9.21	34.46	2,875.61	263.17	180.60	319.18	0.00	0.00	0.00
3,000.00	9.21	34.46	2,974.32	276.38	189.66	335.19	0.00	0.00	0.00
3,100.00	9.21	34.46	3,073.03	289.58	198.72	351.21	0.00	0.00	0.00
3,200.00	9.21	34.46	3,171.74	302.78	207.78	367.22	0.00	0.00	0.00
3,300.00	9.21	34.46	3,270.45	315.98	216.84	383.23	0.00	0.00	0.00
3,400.00	9.21	34.46	3,369.16	329.18	225.90	399.24	0.00	0.00	0.00
3,500.00	9.21	34.46	3,467.87	342.38	234.96	415.25	0.00	0.00	0.00
3,600.00	9.21	34.46	3,566.58	355.58	244.02	431.26	0.00	0.00	0.00
3,700.00	9.21	34.46	3,665.29	368.78	253.08	447.27	0.00	0.00	0.00
3,800.00	9.21	34.46	3,764.00	381.99	262.14	463.28	0.00	0.00	0.00
3,900.00	9.21	34.46	3,862.71	395.19	271.20	479.29	0.00	0.00	0.00
4,000.00	9.21	34.46	3,961.42	408.39	280.26	495.30	0.00	0.00	0.00
4,100.00	9.21	34.46	4,060.13	421.59	289.32	511.31	0.00	0.00	0.00
4,200.00	9.21	34.46	4,158.84	434.79	298.38	527.32	0.00	0.00	0.00
4,300.00	9.21	34.46	4,257.55	447.99	307.44	543.33	0.00	0.00	0.00
4,400.00	9.21	34.46	4,356.26	461.19	316.50	559.35	0.00	0.00	0.00
4,500.00	9.21	34.46	4,454.97	474.39	325.55	575.36	0.00	0.00	0.00
4,600.00	9.21	34.46	4,553.68	487.59	334.61	591.37	0.00	0.00	0.00
4,700.00	9.21	34.46	4,652.39	500.80	343.67	607.38	0.00	0.00	0.00
4,800.00	9.21	34.46	4,751.10	514.00	352.73	623.39	0.00	0.00	0.00
4,900.00	9.21	34.46	4,849.81	527.20	361.79	639.40	0.00	0.00	0.00
5,000.00	9.21	34.46	4,948.52	540.40	370.85	655.41	0.00	0.00	0.00
5,100.00	9.21	34.46	5,047.23	553.60	379.91	671.42	0.00	0.00	0.00
5,200.00	9.21	34.46	5,145.94	566.80	388.97	687.43	0.00	0.00	0.00

# Scientific Drilling

## Planning Report

**Database:** EDM 2003.16 Single User Db  
**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT NAD83 UTC  
**Site:** Ashley Unit  
**Well:** Ashley Unit D-22-9-15  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well Ashley Unit D-22-9-15  
**TVD Reference:** GL 6380' & RKB 12' @ 6392.00ft (NDSI 2)  
**MD Reference:** GL 6380' & RKB 12' @ 6392.00ft (NDSI 2)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

### Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.00	9.21	34.46	5,244.65	580.00	398.03	703.44	0.00	0.00	0.00
5,400.00	9.21	34.46	5,343.36	593.20	407.09	719.45	0.00	0.00	0.00
5,500.00	9.21	34.46	5,442.07	606.41	416.15	735.46	0.00	0.00	0.00
5,600.00	9.21	34.46	5,540.78	619.61	425.21	751.48	0.00	0.00	0.00
5,700.00	9.21	34.46	5,639.49	632.81	434.27	767.49	0.00	0.00	0.00
5,800.00	9.21	34.46	5,738.20	646.01	443.33	783.50	0.00	0.00	0.00
5,900.00	9.21	34.46	5,836.91	659.21	452.39	799.51	0.00	0.00	0.00
6,000.00	9.21	34.46	5,935.62	672.41	461.45	815.52	0.00	0.00	0.00
6,100.00	9.21	34.46	6,034.33	685.61	470.50	831.53	0.00	0.00	0.00
6,200.00	9.21	34.46	6,133.04	698.81	479.56	847.54	0.00	0.00	0.00
6,300.00	9.21	34.46	6,231.75	712.02	488.62	863.55	0.00	0.00	0.00
6,313.43	9.21	34.46	6,245.00	713.79	489.84	865.70	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 D-22-9-15 PBHL - plan hits target center - Circle (radius 75.00)	0.00	0.00	6,245.00	713.79	489.84	7,179,729.03	1,998,394.68	40° 1' 23.344 N	110° 13' 18.003 W

# NEWFIELD PRODUCTION COMPANY

## WELL PAD INTERFERENCE PLAT

ASHLEY UNIT D-22-9-15 (Proposed Well)

ASHLEY UNIT 4-22-9-15 (Existing Well)

Pad Location: NWNW (Lot 1) Section 22, T9S, R15E, S.L.B.&M.

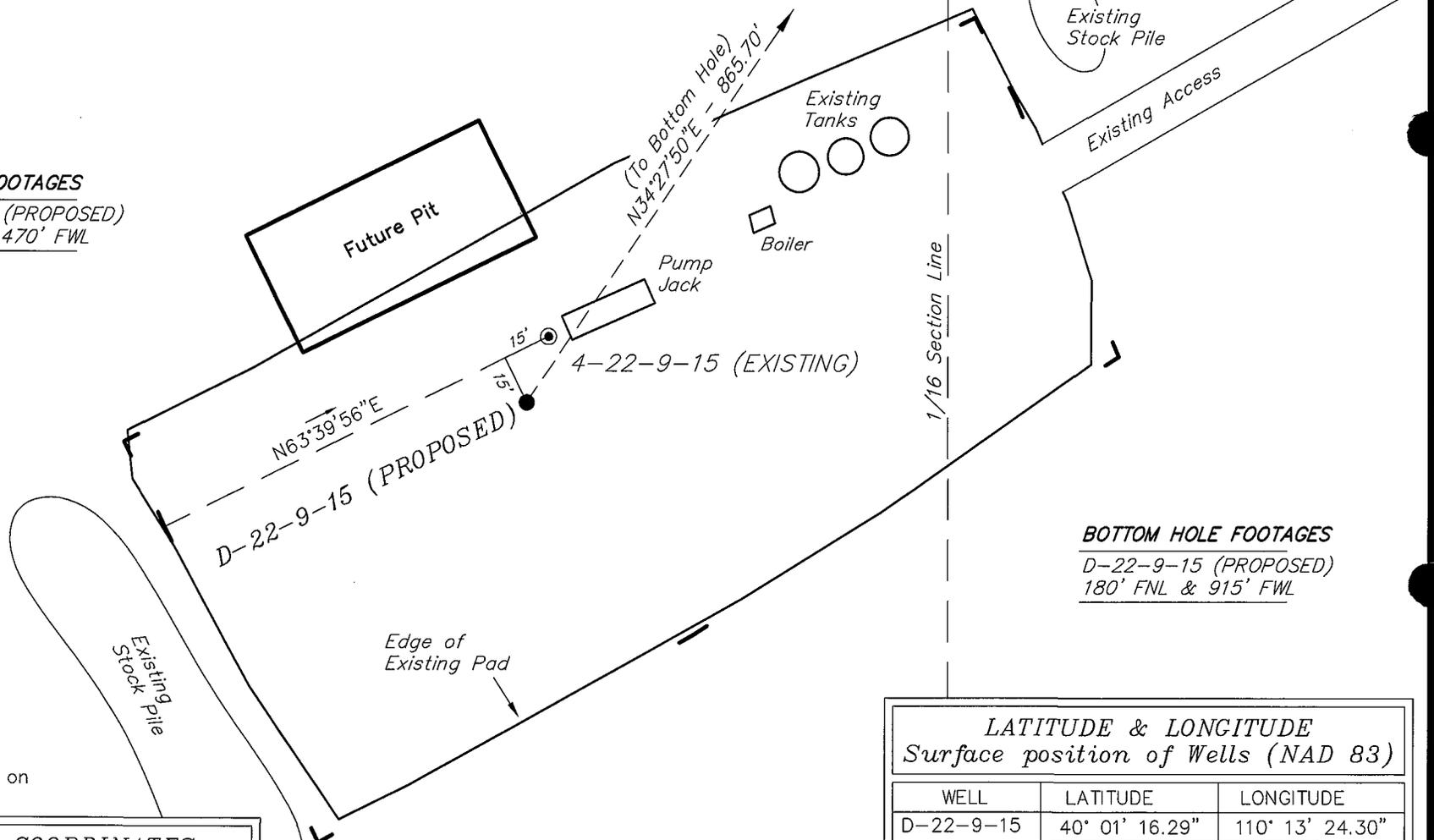


### TOP HOLE FOOTAGES

D-22-9-15 (PROPOSED)  
893' FNL & 470' FWL

### BOTTOM HOLE FOOTAGES

D-22-9-15 (PROPOSED)  
180' FNL & 915' FWL



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

### RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
D-22-9-15	714'	490'

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

WELL	LATITUDE	LONGITUDE
D-22-9-15	40° 01' 16.29"	110° 13' 24.30"
4-22-9-15	40° 01' 16.49"	110° 13' 24.22"

SURVEYED BY: T.H.      DATE SURVEYED: 12-10-07  
 DRAWN BY: F.T.M.      DATE DRAWN: 02-12-08  
 SCALE: 1" = 50'      REVISED:

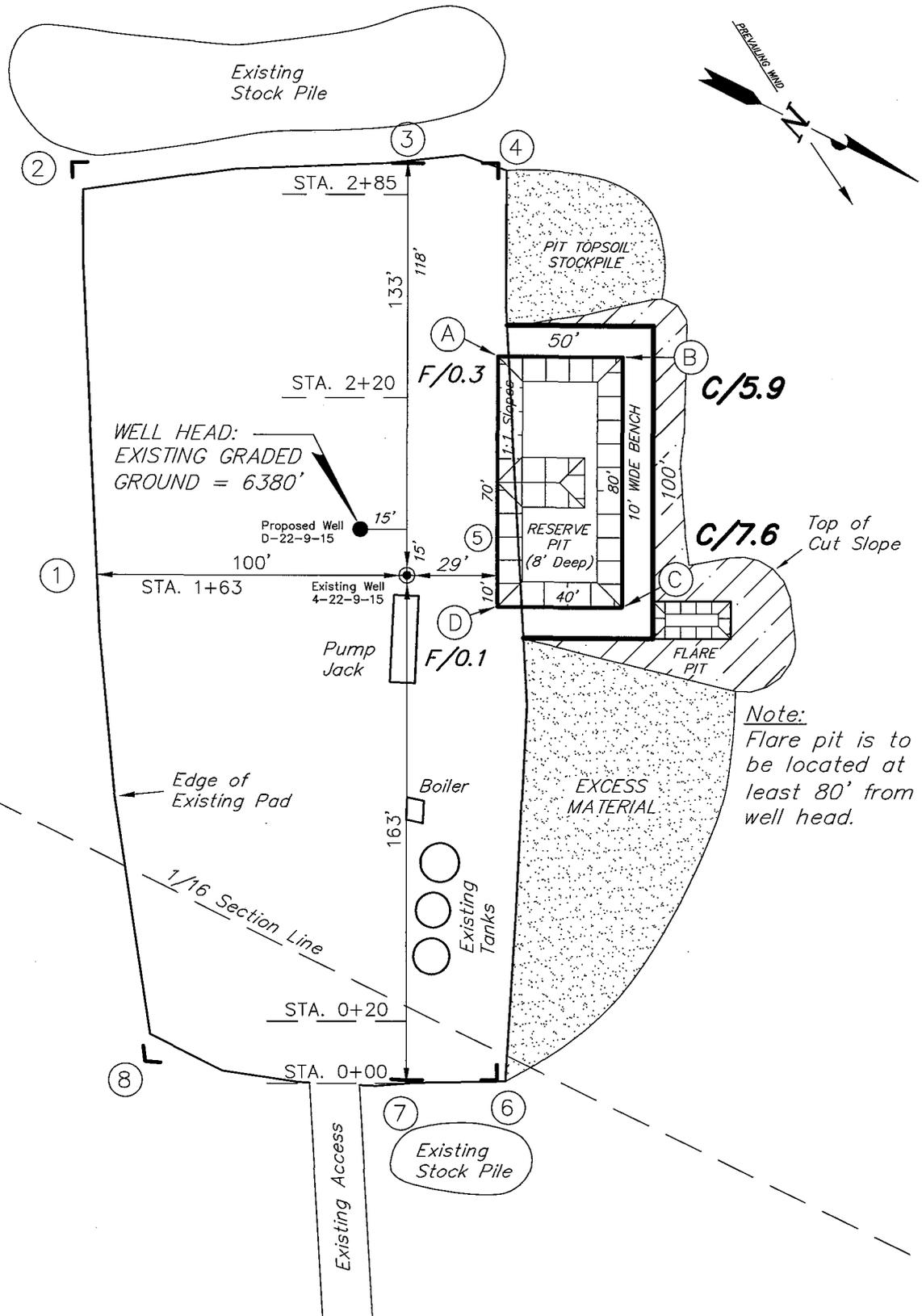
**Tri State** (435) 781-2501  
 Land Surveying, Inc.  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

ASHLEY UNIT D-22-9-15 (Proposed Well)

ASHLEY UNIT 4-22-9-15 (Existing Well)

Pad Location: NWNW (Lot 1) Section 22, T9S, R15E, S.L.B.&M.



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

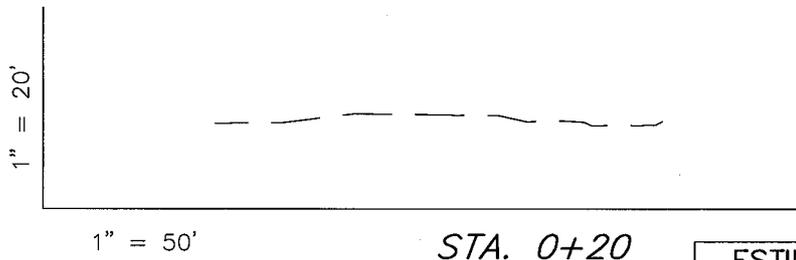
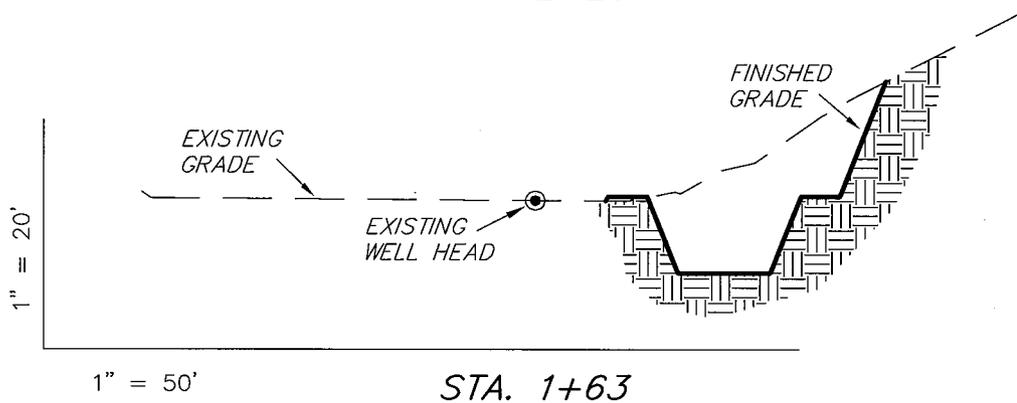
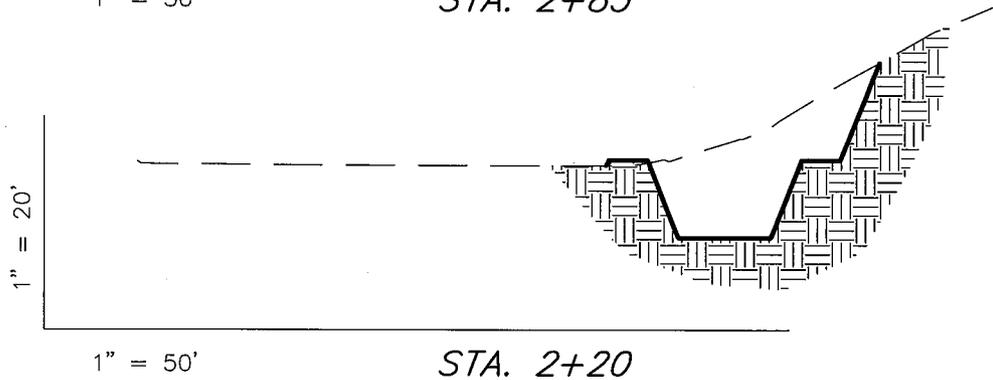
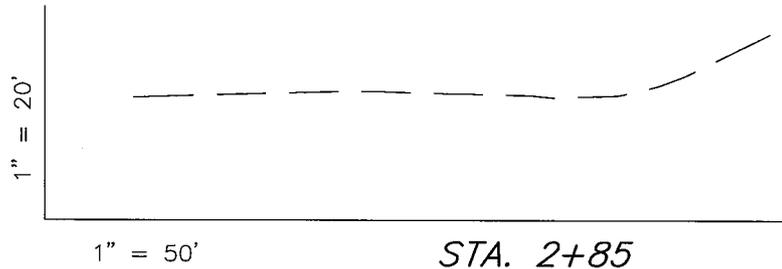
SURVEYED BY: T.H.	DATE SURVEYED: 12-10-07	<p>Tri State Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078</p>	(435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 02-12-08		
SCALE: 1" = 50'	REVISED:		

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS

ASHLEY UNIT D-22-9-15 (Proposed Well)

ASHLEY UNIT 4-22-9-15 (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	1,240	20	Topsoil is not included in Pad Cut	1,220
PIT	640	0		640
TOTALS	1,880	20	170	1,860

SURVEYED BY: T.H.

DATE SURVEYED: 12-10-07

DRAWN BY: F.T.M.

DATE DRAWN: 02-12-08

SCALE: 1" = 50'

REVISED:

Tri State  
Land Surveying, Inc.

(435) 781-2501

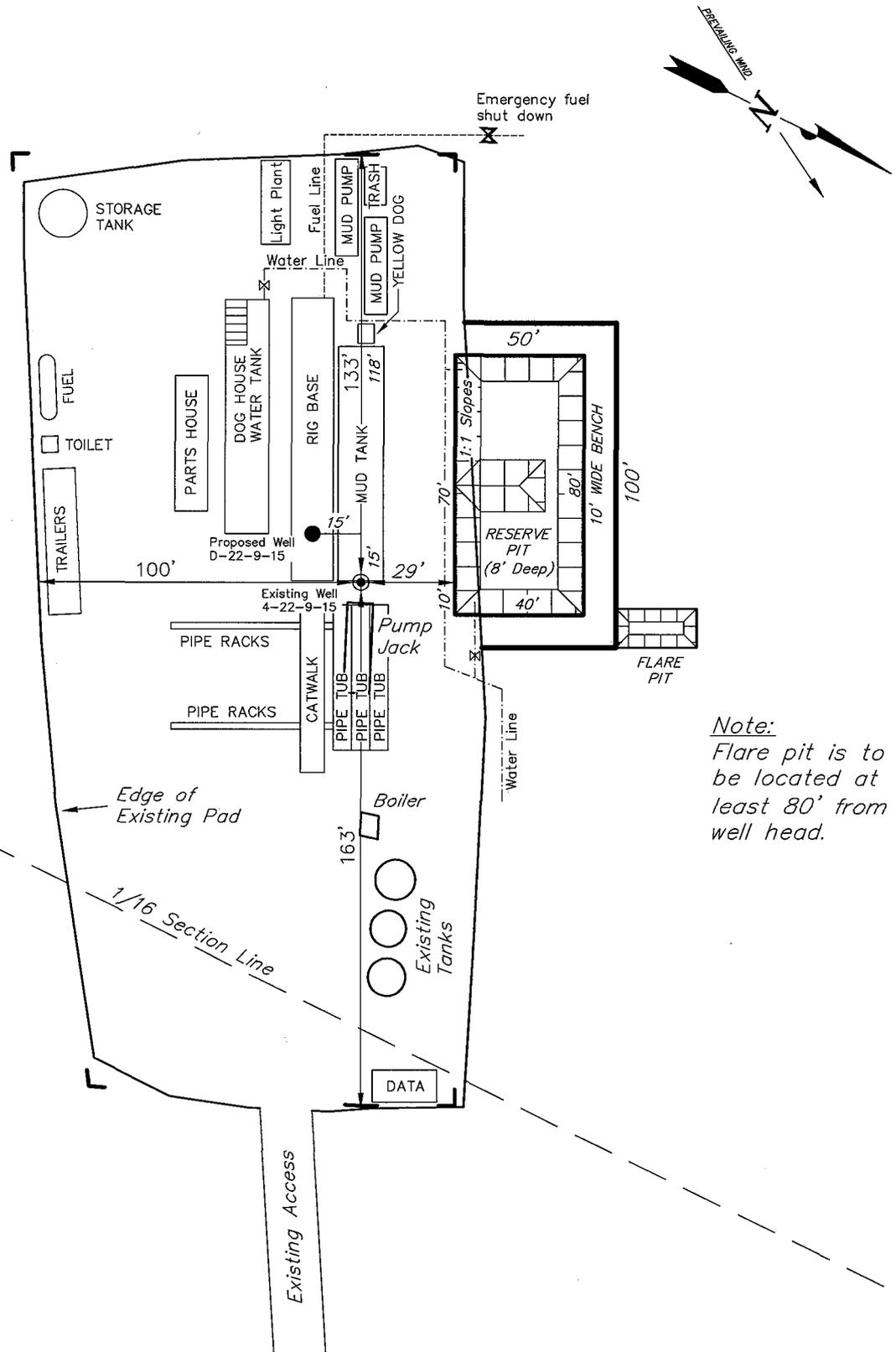
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

ASHLEY UNIT D-22-9-15 (Proposed Well)

ASHLEY UNIT 4-22-9-15 (Existing Well)



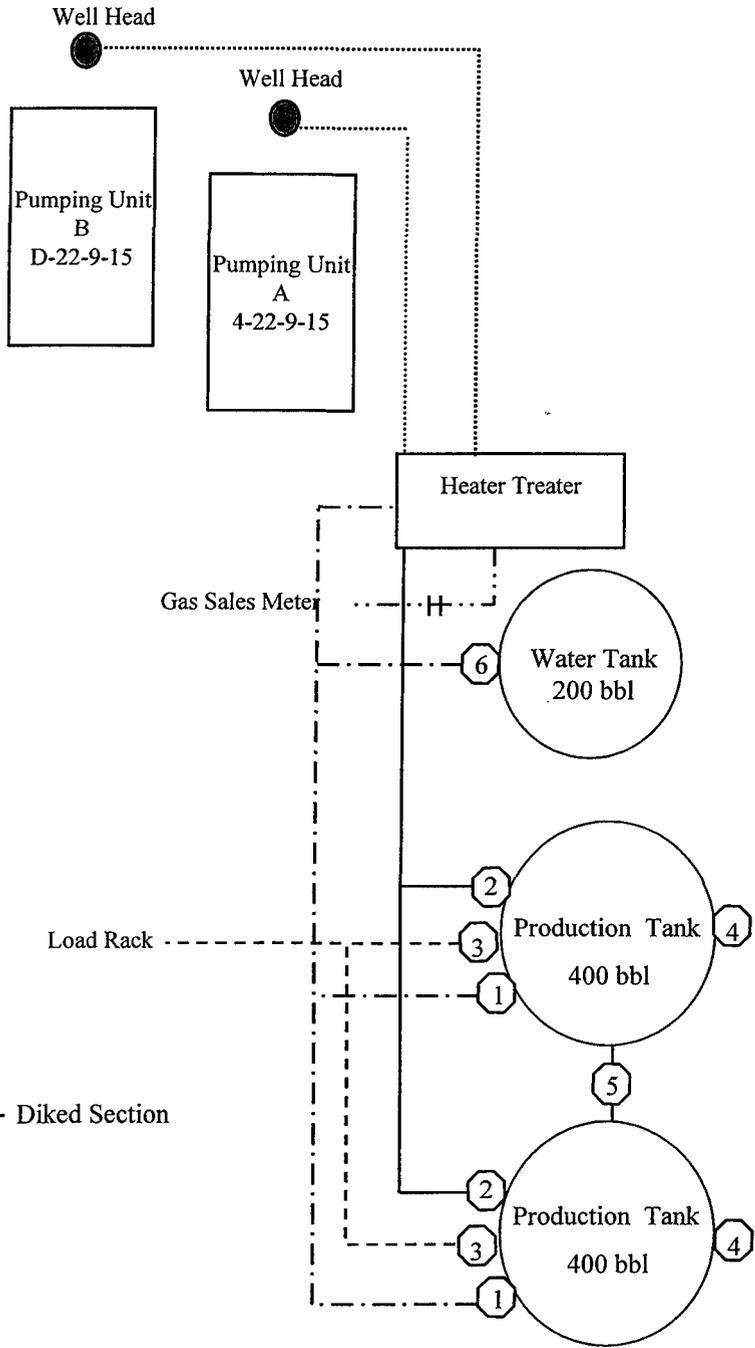
*Note:*  
Flare pit is to be located at least 80' from well head.

SURVEYED BY: T.H.	DATE SURVEYED: 12-10-07
DRAWN BY: F.T.M.	DATE DRAWN: 02-12-08
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 D-22-9-15  
 From the 4-22-9-15 Location  
 NW/NW Sec. 22 T9S, R15E  
 Duchesne County, Utah  
 UTU-68548



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:**

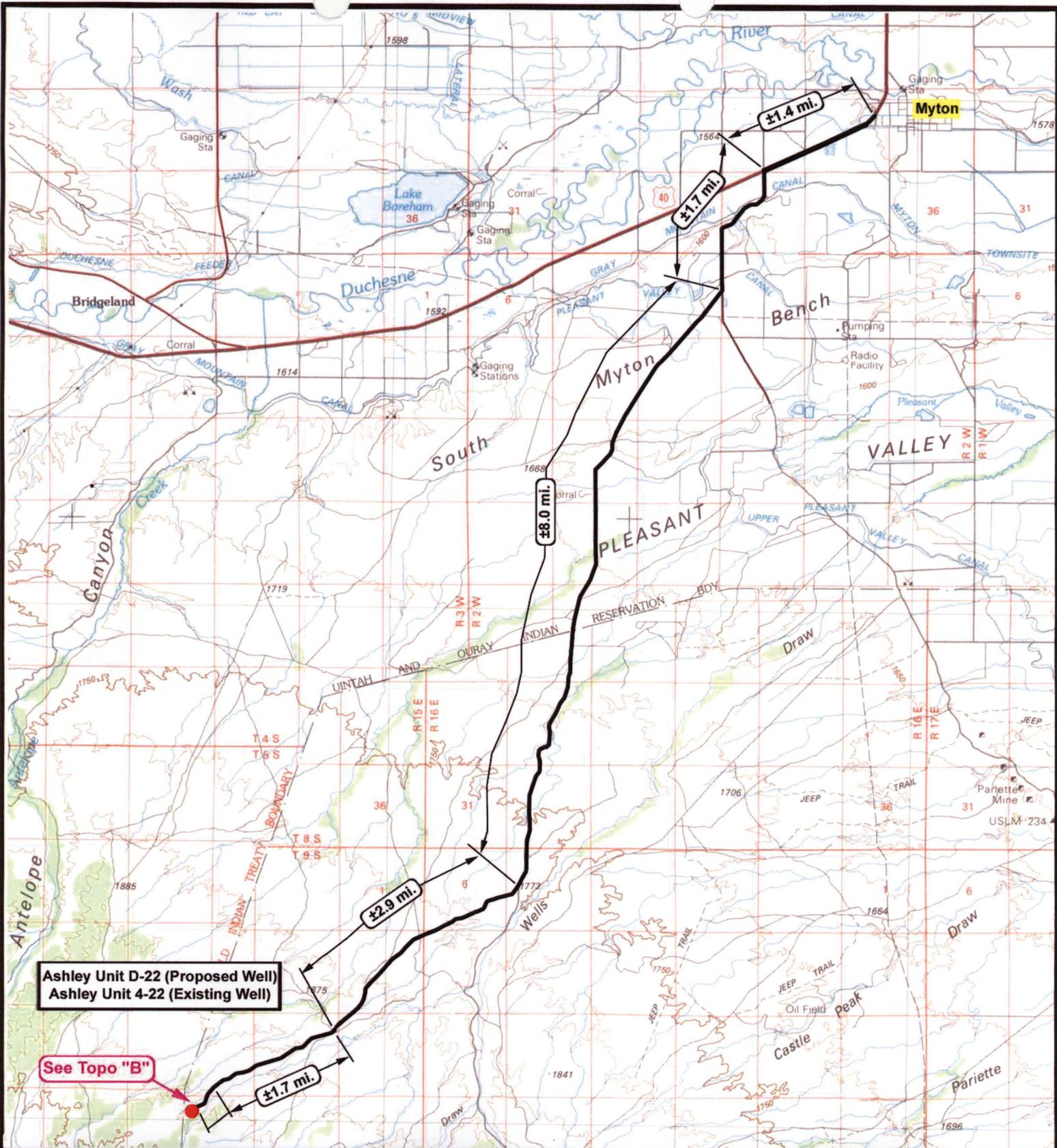
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

**Draining Phase:**

- 1) Valves 1 and 6 open

**Legend**

- Emulsion Line ..... (dotted line)
- Load Rack - - - - - (long dashed line)
- Water Line - . - . - . (short dashed line)
- Gas Sales - - - - - (dashed line)
- Oil Line \_\_\_\_\_ (solid line)



Ashley Unit D-22 (Proposed Well)  
 Ashley Unit 4-22 (Existing Well)

See Topo "B"

**NEWFIELD**  
 Exploration Company

Ashley Unit D-22-9-15 (Proposed Location)  
 Ashley Unit 4-22-9-15 (Existing Location)  
 Pad Location NWNW SEC. 22, T9S, R15E, S.L.B.&M.



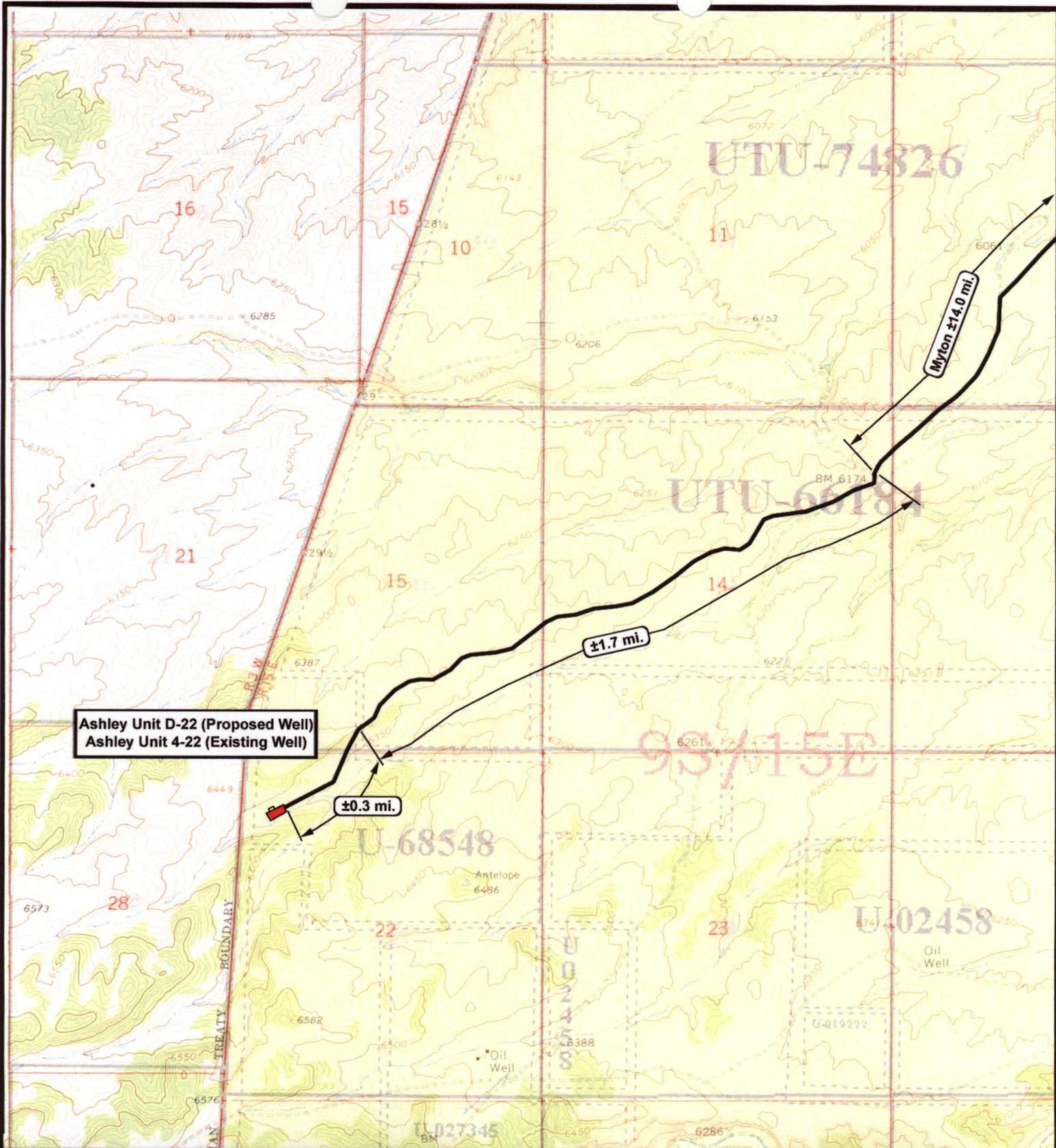
**Tri-State**  
 Land Surveying Inc.  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000  
 DRAWN BY: mw  
 DATE: 02-07-2008

**Legend**

Existing Road

TOPOGRAPHIC MAP  
**"A"**



Ashley Unit D-22 (Proposed Well)  
Ashley Unit 4-22 (Existing Well)

±0.3 mi.

±1.7 mi.

Myton ±14.0 mi.

**NEWFIELD**  
Exploration Company

**Ashley Unit D-22-9-15 (Proposed Location)**  
**Ashley Unit 4-22-9-15 (Existing Location)**  
**Pad Location NWNW SEC. 22, T9S, R15E, S.L.B.&M.**



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

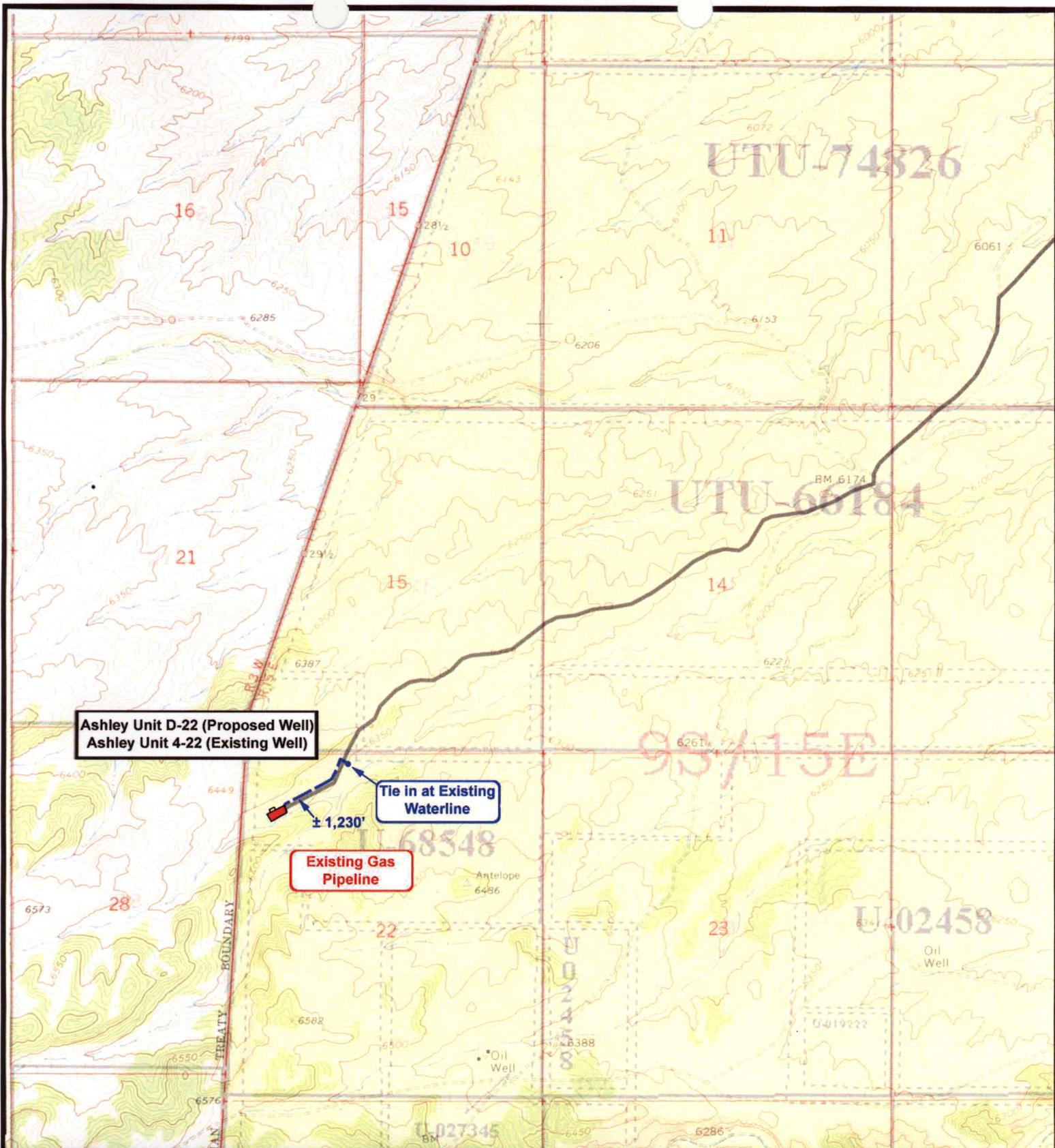
SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 02-07-2008

**Legend**

Existing Road

**TOPOGRAPHIC MAP**

**"B"**



**Ashley Unit D-22 (Proposed Well)**  
**Ashley Unit 4-22 (Existing Well)**

**Tie in at Existing Waterline**

**Existing Gas Pipeline**

± 1,230'



**NEWFIELD**  
Exploration Company

---

**Ashley Unit D-22-9-15 (Proposed Location)**  
**Ashley Unit 4-22-9-15 (Existing Location)**  
**Pad Location NWNW SEC. 22, 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: mw  
 DATE: 02-07-2008

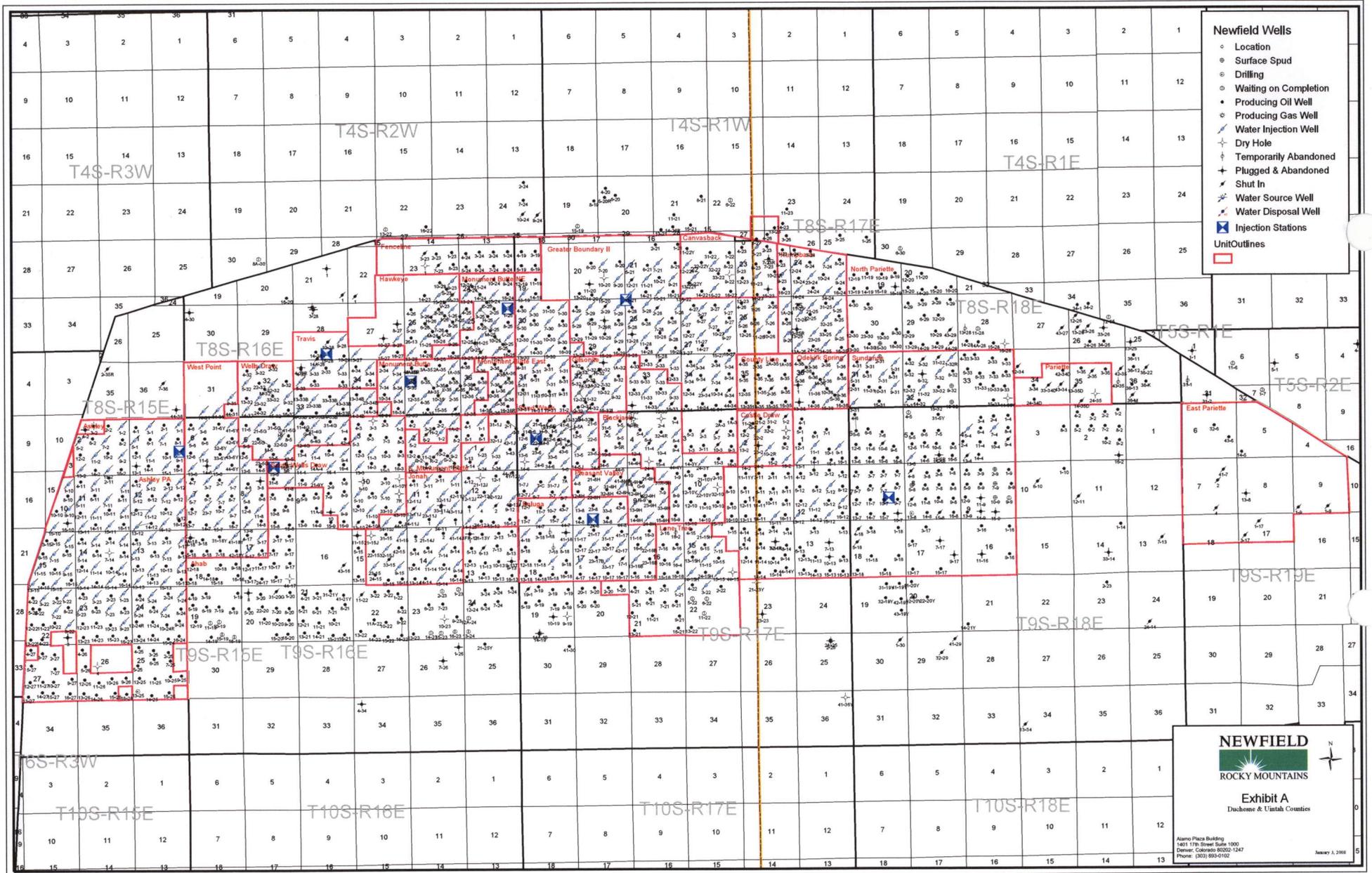
**Legend**

-  Roads
-  Proposed Water Line

---

TOPOGRAPHIC MAP

**"C"**



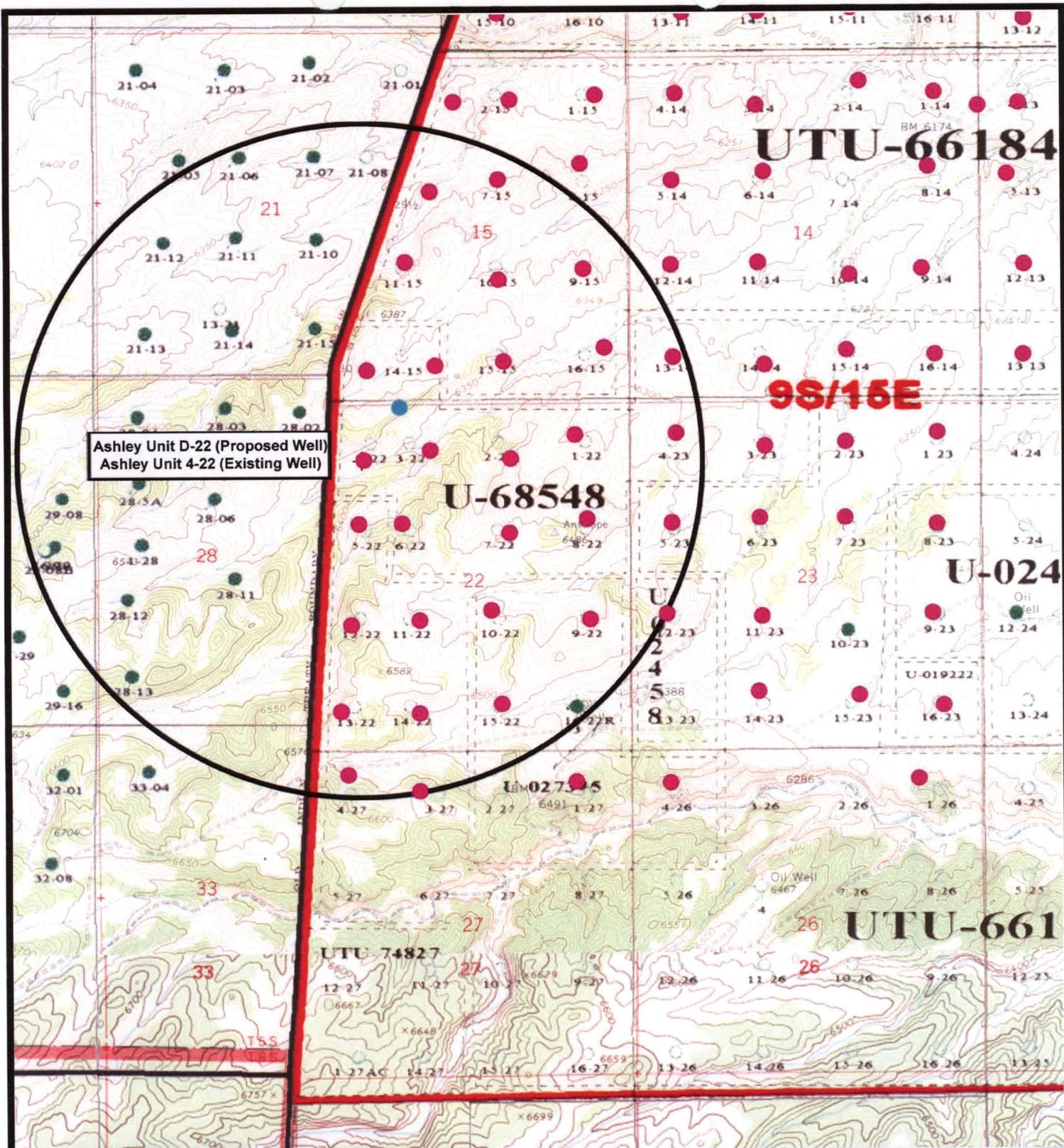
- Newfield Wells**
- Location
  - Surface Spud
  - Drilling
  - Waiting on Completion
  - Producing Oil Well
  - Producing Gas Well
  - Water Injection Well
  - Dry Hole
  - Temporarily Abandoned
  - Plugged & Abandoned
  - Shut In
  - Water Source Well
  - Water Disposal Well
  - Injection Stations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

**NEWFIELD**  
 ROCKY MOUNTAINS

Exhibit A  
 Duchesne & Uintah Counties

Asarco Plaza Building  
 1401 17th Street Suite 1000  
 Denver, Colorado 80202-1247  
 Phone: (303) 893-0102

January 1, 2008



Ashley Unit D-22 (Proposed Well)  
 Ashley Unit 4-22 (Existing Well)



**NEWFIELD**  
 Exploration Company

Ashley Unit D-22-9-15 (Proposed Location)  
 Ashley Unit 4-22-9-15 (Existing Location)  
 Pad Location NWNW SEC. 22, 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: mw  
 DATE: 02-15-2008

**Legend**

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

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

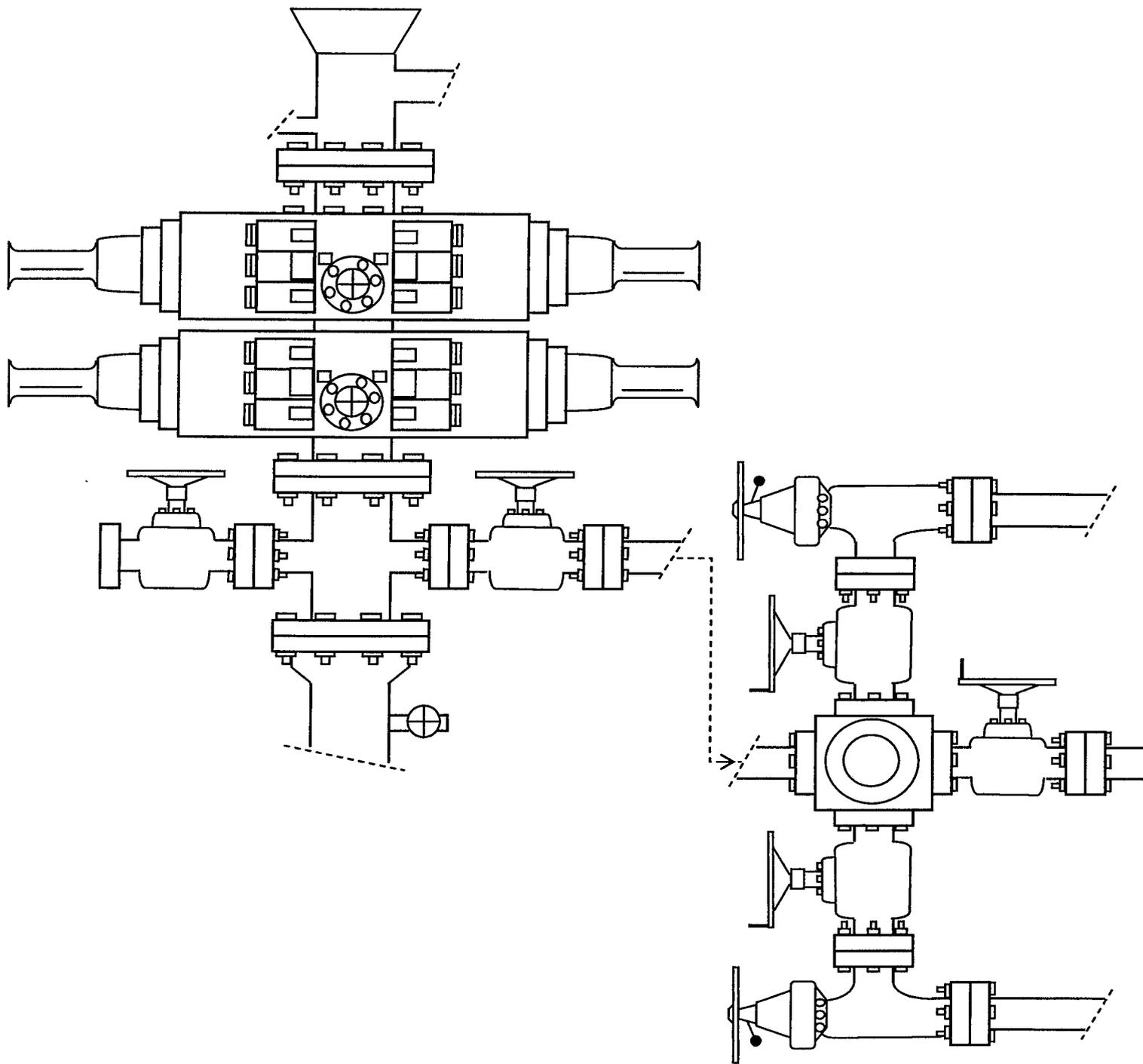


EXHIBIT C

Exhibit "D"  
1 of 2

CULTURAL RESOURCE INVENTORY OF INLAND RESOURCES'  
FOURTEEN BLOCK PARCELS WITH ACCESS ROUTES AND  
PIPELINE CORRIDORS, IN DUCHESNE AND  
UINTAH COUNTIES, UTAH

by

Sarah Ball  
and  
Keith R. Montgomery

Prepared For:

Bureau of Land Management  
Vernal Field Office  
Vernal, Utah

and

State of Utah  
School and Institutional Trust Lands Administration

Prepared Under Contract With:

Inland Resources, Inc.  
410 17<sup>th</sup> Street, Suite 700  
Denver, CO 80202

Prepared By:

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

MOAC Report NO. [02-135]

December 17, 2002

United States Department of Interior (FLPMA)  
Permit No. 02-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-02-MQ-0586b,s

**INLAND RESOURCES, INC.**

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED  
PRODUCTION DEVELOPMENT AREAS,  
DUCHESNE AND Uintah COUNTIES, UTAH**

(NE & SE 1/4, Sec. 2, - SW, SW 1/4, Sec. 15, - NW, NW 1/4 & NE, SE 1/4, Sec. 22,  
SE 1/4, Sec. 23, - NE, SW 1/4, Sec. 24, - NE, SW 1/4, Sec. 27, T 9 S, R 15 E.  
SE, SE 1/4, Sec. 20 - SW 1/4, Sec. 29 - SE, SE 1/4, Sec. 30 - NE, NE 1/4, Sec. 31,  
T 8 S, R 16 E. NE, SW 1/4, Sec. 20, - NE, NE 1/4, Sec. 22, T 9 S, R 16 E, Duchesne  
County. NW, NE 1/4, Sec. 25, T 9 S, R 17 E. SW 1/4, Sec. 6, - NW 1/4, Sec. 1,  
NW 1/4, Sec. 14, - NW, NE 1/4, Sec. 23, T 9 S, R 18 E, Uintah County.)

**REPORT OF SURVEY**

Prepared for:

**Inland Resources, Inc.**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
September 25, 2002

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 03/19/2008

API NO. ASSIGNED: 43-013-33942

WELL NAME: ASHLEY FED D-22-9-15  
 OPERATOR: NEWFIELD PRODUCTION ( N2695 )  
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

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

NWNW 22 090S 150E  
 SURFACE: 0893 FNL 0470 FWL  
 BOTTOM: 0180 FNL 0915 FWL  
 COUNTY: DUCHESNE  
 LATITUDE: 40.02119 LONGITUDE: -110.2226  
 UTM SURF EASTINGS: 566340 NORTHINGS: 4430188  
 FIELD NAME: MONUMENT BUTTE ( 105 )

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-68548  
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

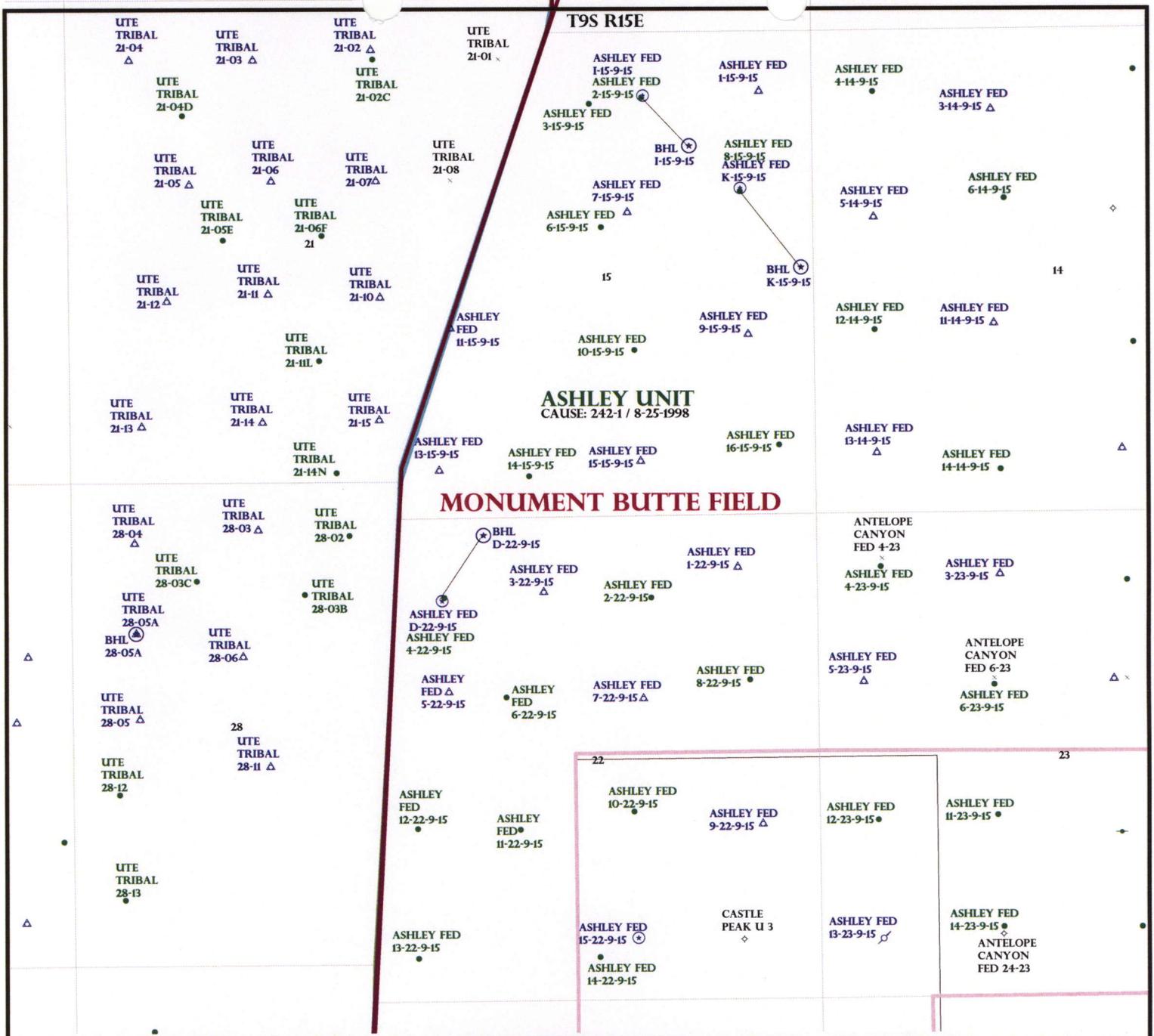
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. WYB000493 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 43-10136 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

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: 2421  
Eff Date: 8-25-1998  
Siting: Suspends General Siting
- R649-3-11. Directional Drill

COMMENTS: Sop, Separate BL

STIPULATIONS: 1-Federal Approval



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 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: 20-MARCH-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)

March 25, 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)		
43-013-33940	Ashley Fed K-15-9-15	Sec 15 T09S R15E 1720 FNL 0762 FEL BHL Sec 15 T09S R15E 2585 FNL 0110 FEL
43-013-33941	Ashley Fed I-15-9-15	Sec 15 T09S R15E 0704 FNL 1809 FEL BHL Sec 15 T09S R15E 1255 FNL 1315 FEL
43-013-33942	Ashley Fed D-22-9-15	Sec 22 T09S R15E 0893 FNL 0470 FWL BHL Sec 22 T09S R15E 0180 FNL 0915 FWL

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

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

MCoulthard:mc:3-25-08



March 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 D-22-9-15**  
Ashley Unit  
UTU-73520X  
Surface Hole: T9S R15E, Section 22: Lot 1 (NWNW)  
893' FNL 471' FWL  
Bottom Hole: T9S R15E, Section 22:  
180' FNL 915' FWL  
Duchesne County, Utah

Dear Ms. Mason,

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated March 17, 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.

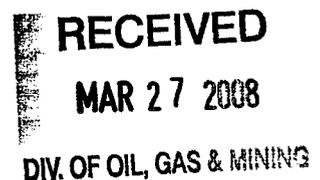
NPC is permitting this well as a directional well in order to minimize surface disturbance. By directionally drilling from the referenced surface location, NPC will be able to utilize the existing roads and pipelines in this area.

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



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-68548
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 D-22-9-15
3b. Phone No. (include area code) (435) 646-3721		9. API Well No.
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/NW (Lot #1) 893' FNL 470' FWL At proposed prod. zone 180' FNL 915' FWL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 16.0 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 22, T9S R15E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 180' f/lse, 915' f/unit	16. No. of Acres in lease 711.22	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. 1104'	19. Proposed Depth 6245'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6380' GL	22. Approximate date work will start* 2nd 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 3/17/08
---------------	--	-----------------

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)

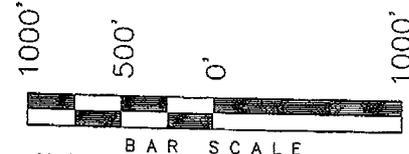
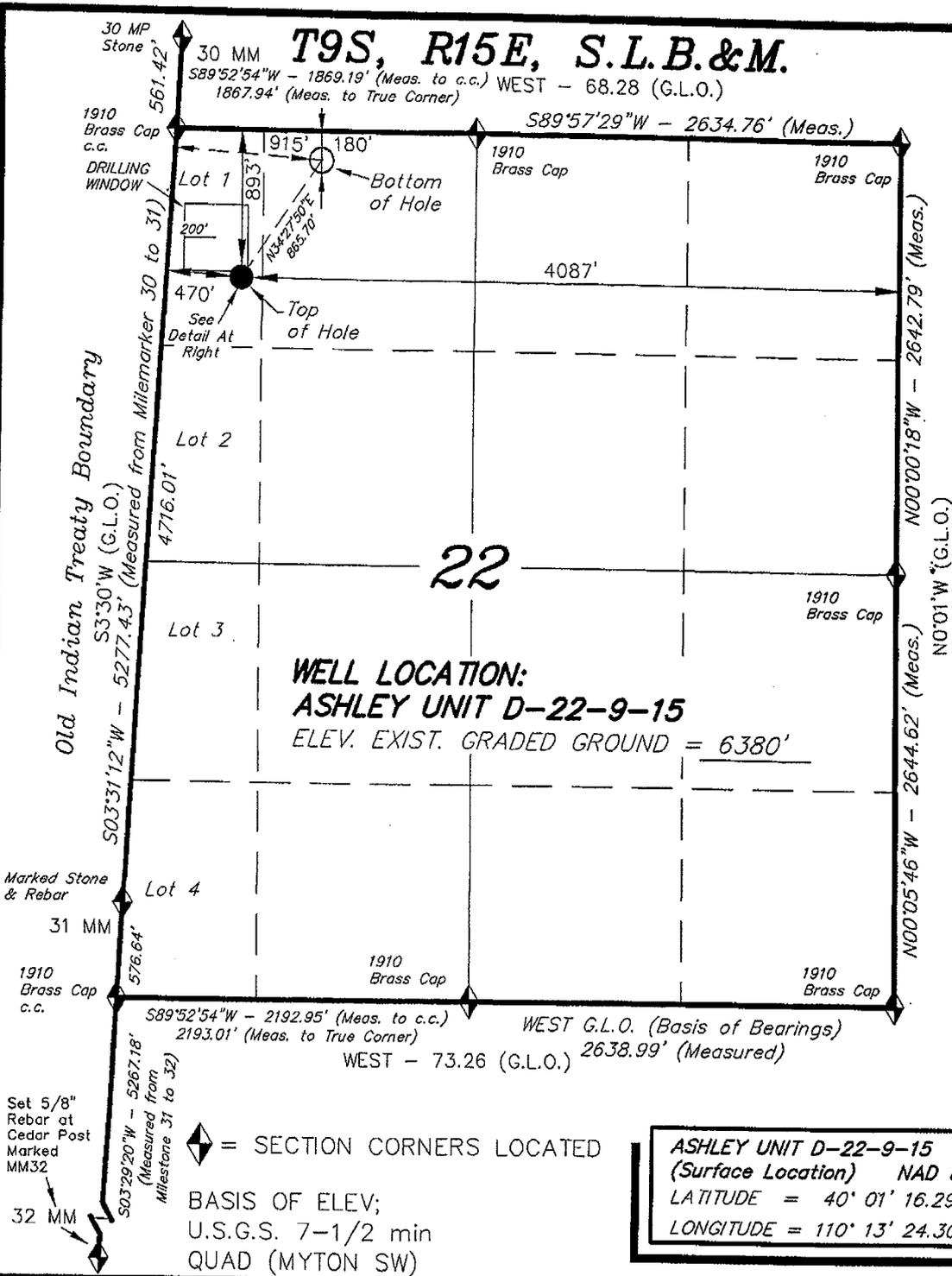
**RECEIVED**  
**MAR 27 2008**  
DIV. OF OIL, GAS & MINING

# T9S, R15E, S.L.B.&M.

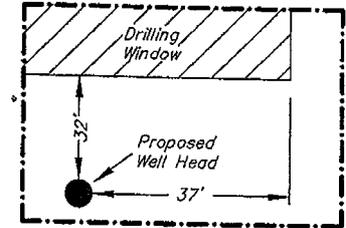
30 MM Stone  
 30 MM  
 $S89^{\circ}52'54''W - 1869.19'$  (Meas. to c.c.) WEST - 68.28 (G.L.O.)  
 $1867.94'$  (Meas. to True Corner)

## NEWFIELD PRODUCTION COMPANY

WELL LOCATION, ASHLEY UNIT D-22-9-15,  
 LOCATED AS SHOWN IN THE NW 1/4 NW  
 1/4 (LOT 1) OF SECTION 22, T9S, R15E,  
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



Note:  
 1. The bottom of hole footages  
 are 180' FNL & 915' FWL.



Detail  
 No Scale



**WELL LOCATION:**  
**ASHLEY UNIT D-22-9-15**  
 ELEV. EXIST. GRADED GROUND = 6380'

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

REGISTERED LAND SURVEYOR  
 STACY W.  
 REGISTERED LAND SURVEYOR  
 REGISTRATION No. 22933  
 STATE OF UTAH

**TRI STATE LAND SURVEYING & CONSULTING**  
 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
 (435) 781-2501

DATE SURVEYED: 12-10-07	SURVEYED BY: T.H.
DATE DRAWN: 02-12-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

**ASHLEY UNIT D-22-9-15**  
 (Surface Location) NAD 83  
 LATITUDE =  $40^{\circ} 01' 16.29''$   
 LONGITUDE =  $110^{\circ} 13' 24.30''$

◆ = SECTION CORNERS LOCATED  
 BASIS OF ELEV;  
 U.S.G.S. 7-1/2 min  
 QUAD (MYTON SW)



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

March 31, 2008

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

Re: Ashley Federal D-22-9-15 Well, Surface Location 893' FNL, 470' FWL, NW NW, Sec. 22, T. 9 South, R. 15 East, Bottom Location 180' FNL, 915' FWL, NE NW, Sec. 22, 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 43-013-33942.

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 D-22-9-15  
**API Number:** 43-013-33942  
**Lease:** UTU-68548

**Surface Location:** NW NW      **Sec.** 22      **T.** 9 South      **R.** 15 East  
**Bottom Location:** NE NW      **Sec.** 22      **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

MAR 19 2008

RECEIVED  
VERNAL FIELD OFFICE  
2008 MAR 19 AM 10:55

Form 3160-3  
(September 2001)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

BLM

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-68548	
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 D-22-9-15	
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33942	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/NW (Lot #1) 893' FNL 470' FWL At proposed prod. zone 180' FNL 915' FWL		10. Field and Pool, or Exploratory Monument Butte	
14. Distance in miles and direction from nearest town or post office* Approximatley 16.0 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 22, T9S R15E	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 180' f/lse, 915' f/unit		16. No. of Acres in lease 711.22	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. 1104'		19. Proposed Depth 6245'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6380' GL		22. Approximate date work will start* 2nd 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 3/17/08
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) Kelly Kencola	Date FEB 05 2009
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)

RECEIVED

FEB 19 2009

DIV. OF OIL, GAS & MINING

CONDITIONS OF APPROVAL ATTACHED

NOTICE OF APPROVAL

08PP 0439A

NOS 02/19/08

UDD6M



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

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



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

<b>Company:</b>	<b>Newfield Production Company</b>	<b>Location:</b>	<b>Lot 1, Sec.22, T9S R15E</b>
<b>Well No:</b>	<b>Ashley Federal D-22-9-15</b>	<b>Lease No:</b>	<b>UTU-68548</b>
<b>API No:</b>	<b>43-013-33942</b>	<b>Agreement:</b>	<b>Ashley Unit</b>

<b>Title</b>	<b>Name</b>	<b>Office Phone Number</b>	<b>Cell Phone Number</b>
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	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
NRS/Enviro Scientist:	David Gordon	(435) 781-4424	
NRS/Enviro Scientist:	Christine Cimiluca	(435) 781-4475	
NRS/Enviro Scientist:	Lori Ford	(435) 781-4406	

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

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

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

**NOTIFICATION REQUIREMENTS**

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

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

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

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

- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim/Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

### **Raptors**

- Areas where surface disturbance will take place have been identified as habitat for ferruginous hawks and golden eagles. Two inactive ferruginous hawk nests located within Township 9 South, Range 15 East lie within 0.5 mile southeast of the proposed well Ashley Federal K-15-9-15, three more ferruginous hawk nests are located within 0.5 mile of Ashley Federal R-15-9-15, and one ferruginous hawk nest is located within 0.5 mile of Ashley D-22-9-15. In order to minimize disturbance to ferruginous hawk nesting, Newfield has agreed to engage in no surface activities, construction, drilling, or completion operations from March 1 to August 1.
- Additional nests are located within 0.5 mile of wells Ashley Federal P-12-9-15, N-14-9-15, D-22-9-15, and L-15-9-15, but due to the advanced state of deterioration of the nests, no timing stipulations will be applied.
- Newfield will prevent adverse impacts to active raptor nests during the breeding season by adhering to the temporal and spatial limitations. If new construction or surface-disturbing activities are scheduled during the breeding season for raptors, a BLM approved biologist acceptable to the BLM will conduct a presence/absence survey using scientifically accepted survey protocols. Construction and drilling activities will not occur within 0.5 mile of an active nest. If the nests are determined to be inactive, then this applicant committed measure could be waived by the authorized officer.

### **Interim and Final Reclamation**

- Reclamation Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, and trash. Any hydrocarbons in the pit will be removed in accordance with 43 CFR 3162.7-1. The reserve pit and the portion of the well not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion, or as soon as environmental conditions allow. The stockpiled pit topsoil will then be spread over the pit area. Seeding shall be implemented in the fall only, between August 15 and

December 15. The seed shall be drilled wherever possible. If the seed is aerially broadcasted, then the seed shall be covered immediately (crimped into the topsoil with a bulldozer or other heavy equipment). *Forage Kochia* shall be applied to the surface and not covered. If initial seeding is not successful, reseeding may be required.

**Interim and Final Seed mix for well K-15-9-15:**

Common name	Latin name	lbs/acre	Recommended seed planting depth
Siberian Wheatgrass	<i>Agropyron fragile</i>	1.0	¼ - ½"
Squirrel tail	<i>Elymus elymoides</i>	3.0	½"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	½"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	½"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	⅛ - ¼"
Gardner Saltbush	<i>Atriplex gardneri</i>	0.5	½"

**Interim and Final Seed for wells P-12-9-15, I-15-9-15, D-22-9-15, I-1-9-15.**

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirrel tail	<i>Elymus elymoides</i>	5.0	½"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	½"
Forage Kochia	<i>Kochia prostrate</i>	0.25	½"
Gardner Saltbush	<i>Atriplex gardneri</i>	0.5	½"
Crested Wheatgrass	<i>Agropyron cristatum</i>	5.0	½"

**Interim and Final Seed mix for wells: R-15-9-15, H-15-9-15, N-14-9-15, W-1-9-15, Q-15-9-15, L-15-9-15**

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirrel tail	<i>Elymus elymoides</i>	6.0	½"
Shadscale saltbush	<i>Atriplex confertifolia</i>	1.0	½"
Forage Kochia	<i>Kochia prostrate</i>	0.2	½"
Gardner Saltbush	<i>Atriplex gardneri</i>	1.0	½"
Scarlet Globemallow	<i>Sphaeralcea coccinea</i>	0.2	½"
Fourwing Saltbush	<i>Atriplex canescens</i>	1.0	½"
Siberian Wheatgrass	<i>Agropyron fragile</i>	2.0	½"

- 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 unless otherwise instructed.

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

**SITE SPECIFIC DOWNHOLE COAs:**

- A copy of Newfield's Standard Operating Practices (SOP version: dated 4/18/08 and approved 5/12/08) shall be on location.
- Drilling plan specifics and practices are referenced in the Newfield Standard Operating Procedures (SOP version: April 18, 2008). The operators drilling plan items 4 to 8 reference the SOP. Newfield shall adhere to the referenced requirements in the SOP. Newfield and their contractors shall adhere to all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal Onshore Oil and Gas Orders except where variances have been granted.
- Production casing cement shall be brought up and into the surface.
- Covering air/gas drilling operations, requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E. 1. Drilling Operations, Special Drilling Operations, air/gas drilling.
- Logging: A Gamma Ray well Log shall be run from the well Total Depth to the surface. A copy of the Gamma Ray well Log shall be submitted to the BLM Vernal Field Office.
- A copy of the directional survey shall be submitted to the BLM Vernal Field Office.

**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-68548**

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 D-22-9-15**

9. API Well No.

**43-013-33942**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UT.**

**SUBMIT IN TRIPLICATE**

1. Type of Well

<input checked="" type="checkbox"/> Oil Well	<input type="checkbox"/> Gas Well	<input type="checkbox"/> 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)

**893 FNL 470 FWL NW/NW Section 22, T9S R15E**

12. CHECK APPROPRIATE BOX(S) 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

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

Date: 03/11/09

By: [Signature]

COPY SENT TO OPERATOR

Date: 3.18.2009

Initials: KS

RECEIVED  
MAR 09 2009  
DIV. OF OIL, GAS & MINING

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

Signed

[Signature]  
Mandie Crozier

Title

Regulatory Specialist

Date

3/3/2009

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:** 43-013-33942  
**Well Name:** Ashley Federal D-22-9-15  
**Location:** NW/NW Section 22, T9S R15E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 3/31/2008

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

Mandie Crojic  
 Signature

3/3/2009

Date

Title: Regulatory Specialist

RECEIVED

MAR 09 2009

Representing: Newfield Production Company

DIV. OF OIL, GAS & MINING

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-68548
---	--

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
--	---

<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> ASHLEY FED D-22-9-15
------------------------------------	---

<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013339420000
--	---

<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
--	--	--

<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0893 FNL 0470 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 22 Township: 09.0S Range: 15.0E Meridian: S	<b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH
---	---

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 3/4/2010  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER:

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

Newfield proposes to extend the permit to drill for one more year.

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

**Date:** March 04, 2010

**By:**

<b>NAME (PLEASE PRINT)</b> Mandie Crozier	<b>PHONE NUMBER</b> 435 646-4825	<b>TITLE</b> Regulatory Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 3/4/2010	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013339420000

API: 43013339420000

Well Name: ASHLEY FED D-22-9-15

Location: 0893 FNL 0470 FWL QTR NWNW SEC 22 TWNP 090S RNG 150E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 3/31/2008

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 rightof- 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

Approved by the Utah Division of Oil, Gas and Mining

Signature: Mandie Crozier

Date: 3/4/2010

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY

Date: March 04, 2010

By: [Signature]

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-68548
---	--

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
--	---

<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> ASHLEY FED D-22-9-15
------------------------------------	---

<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013339420000
--	---

<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
--	--	--

<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0893 FNL 0470 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 22 Township: 09.0S Range: 15.0E Meridian: S	<b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH
---	---

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 3/4/2010  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER:

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

Newfield proposes to extend the permit to drill for one more year.

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

**Date:** March 04, 2010

**By:**

<b>NAME (PLEASE PRINT)</b> Mandie Crozier	<b>PHONE NUMBER</b> 435 646-4825	<b>TITLE</b> Regulatory Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 3/4/2010	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources
Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013339420000

API: 43013339420000

Well Name: ASHLEY FED D-22-9-15

Location: 0893 FNL 0470 FWL QTR NWNW SEC 22 TWNP 090S RNG 150E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 3/31/2008

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?
• Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?
• Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?
• Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?
• Has the approved source of water for drilling changed?
• 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?
• Is bonding still in place, which covers this proposed well?

Approved by the Utah Division of Oil, Gas and Mining

Signature: Mandie Crozier Date: 3/4/2010

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY

Date: March 04, 2010

By: [Handwritten Signature]

Spud  
BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration

Rig Name/# Ross #26

Submitted By Mitch Benson

Phone Number (435) 823-5885

Name/Numer Ashley D-22-9-15

Qtr/Qrt NW/NW Section 22 Township 9S Range 15E

Lease Serial Number UTU-68548

API Number 43-013-33942

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

Date/Time 7/10/2010 8:00:00 AM

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

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

Date/Time 7/10/2010 4:00:00 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		
B	99999	17400 ✓	4301333942	ASHLEY D-22-9-15 FED	NWNW	22	9S	15E	DUCHESNE	7/10/2010	7/26/10
WELL 1 COMMENTS: GRRV BHL = NENW											
B	99999	17400 ✓	4301350176	GREATER BOUNDARY II FED D-28-8-17	NWNW	28	8S	17E	DUCHESNE	7/7/2010	7/26/10
GRRV BHL = NWNW											
A	99999	17700	4301350313	UTE TRIBAL 7-23-4-3	SWNE	23	4S	3W	DUCHESNE	7/1/2010	7/26/10
GRRV											
A	99999	17701	4301350367	UTE TRIBAL 14-26-4-3	SESW	26	4S	3W	DUCHESNE	7/16/2010	7/26/10
GRRV											
B	99999	17400 ✓	4301333750	MONUMENT BUTTE NE FED L-25-8-16	SWNE	25	8S	16E	DUCHESNE	7/14/2010	7/26/10
WELL 5 COMMENTS: GRRV BHL SWNE											
A	99999	17702	4301350290	UTE TRIBAL 6-22-4-3	SENW	22	4S	3W	DUCHESNE	6/10/2010	7/26/10
WELL 5 COMMENTS: GRRV BHL = SENW											

**CONFIDENTIAL**

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

RECEIVED  
JUL 19 2010

15/ Jentri Park  
Signature  
Production Clerk  
Date 07/19/10

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

1. Type of Well  
 Oil Well    Gas Well    Other

2. Name of Operator  
 NEWFIELD PRODUCTION COMPANY

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

3b. Phone    (include area code)  
                   435.646.3721

4. Location of Well    (Footage, Sec., T., R., M., or Survey Description)  
                   893 FNL 470 FWL  
                   NWNW Section 22 T9S R15E

5. Lease Serial No.  
 USA UTU-68548

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
 ASHLEY FEDERAL D-22-9-15

9. API Well No.  
 4301333942

10. Field and Pool, or Exploratory Area  
 GREATER MB UNIT

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 recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 7/10/10 MIRU Ross # 29. Spud well @ 10:00am. Drill 350' of 12 1/4" hole with air mist. TIH W/ 8 Jt's 8 5/8" J-55 24 # csgn. Set @ 349.85' On 7/17/10 cement with 180 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 3 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Don Bastian	Title Drilling Foreman
Signature <i>Don Bastian</i>	Date 07/17/2010

**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**

**JUL 20 2010**

DIV. OF OIL, GAS & MINING





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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-68548

**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, recenter 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 D-22-9-15

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301333942

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:  
GREATER MB UNIT

4. LOCATION OF WELL: FOOTAGES AT SURFACE: 893 FNL 470 FWL COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWNW, 22, 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: 08/04/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
The above subject well was completed on 08-04-10, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant  
SIGNATURE  DATE 08/04/2010

(This space for State use only)

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

**Daily Activity Report**

Format For Sundry

**ASHLEY D-22-9-15****5/1/2010 To 9/30/2010****7/27/2010 Day: 1****Completion**

Rigless on 7/27/2010 - Ran CBL & shot 1st stage. SIWFN w/ 146 BWTR. - NU frac head & Cameron BOP's. RU Hot oiler & test casing, frac head, frac valves & BOP to 4500 psi. RU WLT w/ mast & pack off tool. Run CBL under pressure. WLTD was 6081' w/ TOC @ 80'. RIH w/ 3 1/8" ported guns & perforated CP3 sds @ 5820- 25', 5801- 05' w/ (11 gram, .36"EH, 16.82¢ pen. 120°) 3 spf for total of 27 shots. RD WLT & Hot Oiler. SIWFN w/ 146 BWTR.

**Daily Cost:** \$0**Cumulative Cost:** \$12,131

---

**7/29/2010 Day: 2****Completion**

Rigless on 7/29/2010 - Perforate & frac stgs #1-5. Flowback well - MIRU BJ frac equipment & The Perforators WLT & crane. Frac stage #1. Perforate & frac stages #2-5. RD BJ & WLT. EWTR 2188 BBLS. RU flowback equipment. Flowback well for 3.5 hrs to recover 525 BBLS. Turned to oil. SICP @ 200 psi. Pressure climbed to 400 psi in 15 min. SWIFN. Will set kill plug in AM. EWTR 1663 BBLS.

**Daily Cost:** \$0**Cumulative Cost:** \$106,452

---

**7/30/2010 Day: 3****Completion**

WWS #1 on 7/30/2010 - Set kill plug. PU tbq. - MIRUSU WWS #1. RU The Perforators WLT. RIH w/ wireline to set kill plug @ 4520'. POOH w/ wireline. RD WLT. Bleed off well. ND Cameron BOP. Break out frac head. MU wellhead flange. NU Schaffer BOP. RU workfloor. MU bit & bit sub. TIH picking up tbq. Get in hole w/145 jts tbq. Tag kill plug @ 4520'. RU power swivel & pump. Circulate out oil. SDFN

**Daily Cost:** \$0**Cumulative Cost:** \$190,186

---

**7/31/2010 Day: 4****Completion**

WWS #1 on 7/31/2010 - Drill out plugs. Clean out to PBTD. - Open well. TBG psi. CSG psi. Catch circulation. Tag kill plug @ 4520'. Drill out plug continue picking up tbq to tag sand @ 4787'. 23' sand. Clean out sand to plug @ 4810'. Drill out plug. Continue picking up tbq to tag plug @ 4930'. Drill out plug. Continue picking up tbq to tag sand @ 5225'. 95' sand. Clean out sand to plug @ 5320'. Drill out plug. Continue picking up tbq to tag plug @ 5700'. Drill out plug. Continue picking up tbq to tag sand @ 6008'. 117' sand. Clean out sand to PBTD @ 6125'. Circulate clean. LD 2 jts tbq. Well began to flow. Flow well to flat tank. Flowback 160 bbls water w/ trace of oil. SDFW. EWTR 1503 BBLS

**Daily Cost:** \$0**Cumulative Cost:** \$196,416

---

**8/3/2010 Day: 5****Completion**

WWS #1 on 8/3/2010 - Round trip tbq for production. PU rods - Open well. CSG 400 psi. TBG

250 psi. Circulate well until dead. Tih w/ tbg to tag PBTD @ 6125'. No new fill. LD 8 jts tbg. TOO H w/ tbg. LD bit sub & bit. MU btm hole assembly & TIH w/ tbg detail @ follows. NC, 2 jts tbg, PSN, 1 jt tbg, TAC, & 185 jts tbg. Get in hole w/ tbg. RD workfloor. ND BOP. Set TAC. MU B-1 adapter flange. Land tbg on wellhead w/ 18000# tension. X-over to rod equipment. PU new 2 1/1" x 1 3/4" x 21' x 24' RHAC pump. TIH picking up rod detail @ follows. 4 - 1 1/2" wt bars & 120 - 7/8" guided rods. SDFN

**Daily Cost:** \$0

**Cumulative Cost:** \$206,784

---

**8/4/2010 Day: 6**

**Completion**

WWS #1 on 8/4/2010 - Continue picking up rods. PWOP - Open well. TBG 0 psi. CSG 350 psi. Continue picking up remaining 108 7/8" guided rods. Get in hole w/ rods. Space out pump w/ 1 - 8', 6', 4', & 2' x 7/8" pony rods. MU new 1 1/2" x 30' polished rod. RU pumping unit. TBG standing full. Stroke test pump to 800 psi w/ unit. Good pump action. RDMOSU WWS #1. PWOP @ 11:00 AM W/ 144" SL @ 5 SPM FINAL REPORT! EWTR 1503 BBLS **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$212,019

---

**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-68548

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

7. Unit or CA Agreement Name and No.  
GMBU

2. Name of Operator  
NEWFIELD EXPLORATION COMPANY

8. Lease Name and Well No.  
ASHLEY FEDERAL D-22-9-15

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

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

9. AFI Well No.  
43-013-33942

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

At surface 893' FNL & 470' FWL (NW/NW) SEC. 22, T9S, R15E (UTU-68548)

At top prod. interval reported below 267' FNL & 896' FWL (NE/NW) SEC. 22, T9S, R15E (UTU-68548)

At total depth 36' FNL & 1065' FWL (NE/NW) SEC. 22, T9S, R15E (UTU-68548)

10. Field and Pool or Exploratory  
GREATER MB UNIT

11. Sec., T., R., M., on Block and  
Survey or Area SEC. 22, T9S, R15E

12. County or Parish  
DUCHESNE

13. State  
UT

14. Date Spudded  
07/10/2010

15. Date T.D. Reached  
07/21/2010

16. Date Completed 08/03/2010  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
6380' GL 6392' KB

18. Total Depth: MD 6180'  
TVD 6076'

19. Plug Back T.D.: MD 6125'  
TVD 6022

20. Depth Bridge Plug Set: MD  
TVD

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

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

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	350'		180 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6171'		280 PRIMLITE		80'	
						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@ 5900'	TA @ 5801'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River			5801-5825' CP3	.36"	3	27
B) Green River			5599-5648' CPstray CP1	.36"	3	39
C) Green River			5112-5266' A1 A3 LODC	.36"	3	39
D) Green River			4854-4881' C	.36"	3	42

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

Depth Interval	Amount and Type of Material
5801-5825'	Frac w/ 14441#s 20/40 sand in 128 bbls of Lightning 17 fluid.
5599-5648'	Frac w/ 38100#s 20/40 sand in 265 bbls of Lightning 17 fluid.
5112-5266'	Frac w/ 63901#s 20/40 sand in 389 bbls of Lightning 17 fluid.
4854-4881'	Frac w/ 48456#s 20/40 sand in 311 bbls of Lightning 17 fluid.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
8-3-10	8-15-10	24	→	165	65	62			2-1/2" x 1-3/4" x 21' 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	
2-7/8"			→					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	
			→						

RECEIVED

AUG 25 2010

DIV. OF OIL, GAS & MINING

\*(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.)

SOLD & 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	3627' 3873'
				GARDEN GULCH 2 POINT 3	3979' 4243'
				X MRKR Y MRKR	4517' 4551'
				DOUGALS CREEK MRK BI CARBONATE MRK	4661' 4910'
				B LIMESTON MRK CASTLE PEAK	5007' 5594'
				BASAL CARBONATE	6051'

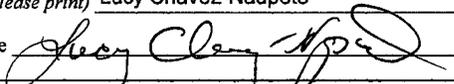
32. Additional remarks (include plugging procedure):

Stage 5: Green River Formation (D1 & D3) 4700-4757', .36" 3/39 Frac w/ 42006#s of 20/40 sand in 287 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: Drilling Daily Activity

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 08/18/2010

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.

**NEWFIELD**



# **NEWFIELD EXPLORATION**

**USGS Myton SW (UT)  
SECTION 22 T9S, R15E  
D-22-9-15**

**Wellbore #1**

**Design: Actual**

## **Standard Survey Report**

**12 August, 2010**

**HATHAWAY <sup>HB</sup> <sub>HB</sub> BURNHAM**  
**⚙️ DIRECTIONAL & MWD SERVICES ⚙️**



HATHAWAY BURNHAM

Survey Report



Company: NEWFIELD EXPLORATION  
 Project: USGS Myton SW (UT)  
 Site: SECTION 22 T9S, R15E  
 Well: D-22-9-15  
 Wellbore: Wellbore #1  
 Design: Actual

Local Co-ordinate Reference: Well D-22-9-15  
 TVD Reference: D-22-9-15 @ 6392.0ft (328)  
 MD Reference: D-22-9-15 @ 6392.0ft (328)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature  
 Database: EDM 2003.21 Single User Db

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

<b>Site</b>	SECTION 22 T9S, R15E, SEC 22 T9S, R15E				
<b>Site Position:</b>		<b>Northing:</b>	7,177,280.00ft	<b>Latitude:</b>	40° 0' 59.147 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	1,999,360.00ft	<b>Longitude:</b>	110° 13' 5.992 W
<b>Position Uncertainty:</b>	0.0 ft	<b>Slot Radius:</b>	"	<b>Grid Convergence:</b>	0.82 °

<b>Well</b>	D-22-9-15, SHL LAT: 40 01 16.29, LONG: -110 13 24.30					
<b>Well Position</b>	<b>+N/-S</b>	0.0 ft	<b>Northing:</b>	7,178,993.96 ft	<b>Latitude:</b>	40° 1' 16.290 N
	<b>+E/-W</b>	0.0 ft	<b>Easting:</b>	1,997,911.08 ft	<b>Longitude:</b>	110° 13' 24.300 W
<b>Position Uncertainty</b>		0.0 ft	<b>Wellhead Elevation:</b>	6,392.0 ft	<b>Ground Level:</b>	6,380.0 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>
	IGRF2010	2010/07/16	11.49	65.77	52,318

<b>Design</b>	Actual				
<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	34.46

<b>Survey Program</b>	Date 2010/08/12				
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
320.0	6,180.0	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
320.0	0.66	182.17	320.0	-1.8	-0.1	-1.6	0.21	0.21	0.00
351.0	0.75	113.95	351.0	-2.1	0.1	-1.7	2.56	0.29	-220.06
382.0	0.83	113.77	382.0	-2.3	0.5	-1.6	0.26	0.26	-0.58
412.0	0.75	113.55	412.0	-2.4	0.9	-1.5	0.27	-0.27	-0.73
443.0	0.46	105.25	443.0	-2.6	1.2	-1.4	0.97	-0.94	-26.77
473.0	0.11	62.10	473.0	-2.6	1.3	-1.4	1.29	-1.17	-143.83
504.0	0.37	309.22	504.0	-2.5	1.3	-1.3	1.37	0.84	-364.13
535.0	0.73	309.83	535.0	-2.3	1.0	-1.3	1.16	1.16	1.97
565.0	0.81	315.22	565.0	-2.0	0.7	-1.3	0.36	0.27	17.97
596.0	1.00	323.11	596.0	-1.7	0.4	-1.1	0.73	0.61	25.45
627.0	1.45	342.29	627.0	-1.1	0.2	-0.8	1.94	1.45	61.87
657.0	1.90	347.72	657.0	-0.2	-0.1	-0.2	1.59	1.50	18.10



Company: NEWFIELD EXPLORATION  
 Project: USGS Myton SW (UT)  
 Site: SECTION 22 T9S, R15E  
 Well: D-22-9-15  
 Wellbore: Wellbore #1  
 Design: Actual

Local Co-ordinate Reference: Well D-22-9-15  
 TVD Reference: D-22-9-15 @ 6392.0ft (328)  
 MD Reference: D-22-9-15 @ 6392.0ft (328)  
 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)
687.0	2.31	354.50	686.9	0.9	-0.2	0.6	1.60	1.37	22.60
719.0	2.90	359.60	718.9	2.3	-0.3	1.7	1.98	1.84	15.94
756.0	3.60	0.83	755.8	4.4	-0.3	3.5	1.90	1.89	3.32
780.0	4.00	3.93	779.8	6.0	-0.2	4.8	1.87	1.67	12.92
825.0	4.70	5.00	824.7	9.4	0.0	7.8	1.57	1.56	2.38
871.0	5.32	14.54	870.5	13.3	0.7	11.4	2.25	1.35	20.74
916.0	5.76	16.15	915.3	17.5	1.9	15.5	1.04	0.98	3.58
961.0	6.31	17.55	960.0	22.1	3.3	20.0	1.27	1.22	3.11
1,007.0	6.81	17.90	1,005.7	27.1	4.9	25.1	1.09	1.09	0.76
1,052.0	7.23	19.66	1,050.4	32.3	6.6	30.4	1.05	0.93	3.91
1,097.0	7.84	21.05	1,095.0	37.8	8.7	36.1	1.41	1.36	3.09
1,143.0	8.66	23.62	1,140.5	43.9	11.2	42.5	1.95	1.78	5.59
1,188.0	9.10	24.90	1,185.0	50.2	14.1	49.4	1.07	0.98	2.84
1,233.0	9.10	24.50	1,229.4	56.7	17.0	56.4	0.14	0.00	-0.89
1,279.0	9.60	27.50	1,274.8	63.4	20.3	63.8	1.52	1.09	6.52
1,324.0	9.91	28.90	1,319.2	70.1	23.9	71.4	0.87	0.69	3.11
1,369.0	10.42	30.50	1,363.4	77.0	27.9	79.3	1.30	1.13	3.56
1,415.0	11.20	33.00	1,408.6	84.4	32.4	87.9	1.98	1.70	5.43
1,460.0	11.81	36.30	1,452.7	91.7	37.5	96.9	1.99	1.36	7.33
1,505.0	12.15	37.13	1,496.7	99.2	43.1	106.2	0.85	0.76	1.84
1,550.0	12.13	36.60	1,540.7	106.8	48.8	115.7	0.25	-0.04	-1.18
1,596.0	12.38	37.19	1,585.7	114.6	54.6	125.4	0.61	0.54	1.28
1,641.0	12.10	37.40	1,629.7	122.2	60.4	134.9	0.63	-0.62	0.47
1,686.0	11.70	37.90	1,673.7	129.5	66.1	144.2	0.92	-0.89	1.11
1,731.0	11.60	39.00	1,717.8	136.7	71.7	153.3	0.54	-0.22	2.44
1,777.0	11.80	38.70	1,762.8	143.9	77.6	162.6	0.45	0.43	-0.65
1,822.0	12.00	39.00	1,806.9	151.1	83.4	171.8	0.47	0.44	0.67
1,867.0	11.40	39.60	1,850.9	158.2	89.2	180.9	1.36	-1.33	1.33
1,912.0	11.50	39.20	1,895.0	165.1	94.9	189.8	0.28	0.22	-0.89
1,958.0	11.40	38.30	1,940.1	172.2	100.6	198.9	0.45	-0.22	-1.96
2,003.0	10.90	37.70	1,984.3	179.1	105.9	207.6	1.14	-1.11	-1.33
2,048.0	10.50	37.00	2,028.5	185.7	111.0	215.9	0.93	-0.89	-1.56
2,094.0	10.70	36.50	2,073.7	192.5	116.1	224.4	0.48	0.43	-1.09
2,139.0	10.70	35.20	2,117.9	199.3	121.0	232.8	0.54	0.00	-2.89
2,183.0	10.90	35.10	2,161.1	206.0	125.7	241.0	0.46	0.45	-0.23
2,229.0	10.70	32.80	2,206.3	213.2	130.5	249.6	1.03	-0.43	-5.00
2,274.0	10.60	33.60	2,250.5	220.1	135.1	257.9	0.40	-0.22	1.78
2,319.0	10.60	34.10	2,294.8	227.0	139.7	266.2	0.20	0.00	1.11
2,365.0	10.50	35.30	2,340.0	233.9	144.5	274.6	0.52	-0.22	2.61
2,410.0	10.20	35.30	2,384.3	240.5	149.1	282.7	0.67	-0.67	0.00
2,454.0	10.40	35.00	2,427.6	247.0	153.7	290.6	0.47	0.45	-0.68
2,500.0	10.00	34.30	2,472.8	253.7	158.3	298.7	0.91	-0.87	-1.52
2,545.0	10.00	37.30	2,517.1	260.0	162.9	306.5	1.16	0.00	6.67
2,590.0	10.50	36.90	2,561.4	266.4	167.7	314.5	1.12	1.11	-0.89
2,636.0	10.70	34.10	2,606.6	273.3	172.6	323.0	1.20	0.43	-6.09
2,681.0	10.90	31.90	2,650.8	280.3	177.2	331.4	1.02	0.44	-4.89
2,726.0	11.50	32.00	2,695.0	287.8	181.8	340.2	1.33	1.33	0.22
2,771.0	11.90	34.40	2,739.0	295.4	186.8	349.3	1.40	0.89	5.33
2,817.0	12.00	35.60	2,784.1	303.2	192.3	358.8	0.58	0.22	2.61
2,862.0	12.10	35.50	2,828.1	310.8	197.8	368.2	0.23	0.22	-0.22
2,907.0	12.40	37.80	2,872.0	318.5	203.5	377.7	1.27	0.67	5.11
2,953.0	12.50	37.90	2,917.0	326.3	209.5	387.6	0.22	0.22	0.22
2,998.0	13.20	36.70	2,960.8	334.3	215.6	397.6	1.66	1.56	-2.67
3,043.0	12.80	33.10	3,004.7	342.6	221.4	407.7	2.01	-0.89	-8.00



Company: NEWFIELD EXPLORATION  
 Project: USGS Myton SW (UT)  
 Site: SECTION 22 T9S, R15E  
 Well: D-22-9-15  
 Wellbore: Wellbore #1  
 Design: Actual

Local Co-ordinate Reference: Well D-22-9-15  
 TVD Reference: D-22-9-15 @ 6392.0ft (328)  
 MD Reference: D-22-9-15 @ 6392.0ft (328)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature  
 Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
3,089.0	12.40	31.10	3,049.6	351.1	226.7	417.8	1.29	-0.87	-4.35
3,134.0	13.30	33.20	3,093.4	359.5	232.1	427.8	2.25	2.00	4.67
3,179.0	13.38	33.33	3,137.2	368.2	237.8	438.1	0.19	0.18	0.29
3,225.0	13.40	33.20	3,182.0	377.1	243.6	448.8	0.08	0.04	-0.28
3,270.0	13.60	33.60	3,225.7	385.9	249.4	459.3	0.49	0.44	0.89
3,315.0	13.50	34.00	3,269.5	394.7	255.2	469.8	0.30	-0.22	0.89
3,361.0	13.21	32.60	3,314.2	403.5	261.1	480.5	0.94	-0.63	-3.04
3,406.0	12.80	32.43	3,358.1	412.1	266.5	490.6	0.92	-0.91	-0.38
3,451.0	12.60	35.42	3,402.0	420.3	272.0	500.5	1.53	-0.44	6.64
3,497.0	12.35	36.30	3,446.9	428.3	277.9	510.4	0.68	-0.54	1.91
3,542.0	12.20	36.76	3,490.9	436.0	283.6	520.0	0.40	-0.33	1.02
3,587.0	11.84	37.07	3,534.9	443.5	289.2	529.3	0.81	-0.80	0.69
3,633.0	11.30	36.90	3,579.9	450.9	294.7	538.5	1.18	-1.17	-0.37
3,678.0	11.23	36.70	3,624.1	457.9	300.0	547.3	0.18	-0.16	-0.44
3,723.0	11.23	36.70	3,668.2	465.0	305.2	556.1	0.00	0.00	0.00
3,768.0	11.20	37.80	3,712.4	471.9	310.5	564.8	0.48	-0.07	2.44
3,814.0	11.10	38.50	3,757.5	478.9	316.0	573.7	0.37	-0.22	1.52
3,859.0	11.40	39.20	3,801.6	485.8	321.5	582.5	0.73	0.67	1.56
3,904.0	11.84	39.40	3,845.7	492.8	327.3	591.5	0.98	0.98	0.44
3,950.0	11.95	38.36	3,890.7	500.2	333.2	600.9	0.52	0.24	-2.26
3,995.0	12.28	37.50	3,934.7	507.6	339.0	610.4	0.84	0.73	-1.91
4,041.0	12.60	37.50	3,979.6	515.5	345.1	620.3	0.70	0.70	0.00
4,086.0	12.30	37.40	4,023.6	523.2	351.0	630.0	0.67	-0.67	-0.22
4,131.0	12.00	36.21	4,067.6	530.8	356.6	639.4	0.87	-0.67	-2.64
4,176.0	11.70	36.90	4,111.6	538.2	362.1	648.7	0.74	-0.67	1.53
4,222.0	11.50	37.00	4,156.7	545.6	367.7	657.9	0.44	-0.43	0.22
4,267.0	11.60	37.10	4,200.8	552.8	373.1	666.9	0.23	0.22	0.22
4,312.0	11.40	34.50	4,244.9	560.0	378.4	675.9	1.23	-0.44	-5.78
4,358.0	11.30	34.00	4,290.0	567.5	383.5	684.9	0.30	-0.22	-1.09
4,403.0	11.23	35.97	4,334.1	574.7	388.5	693.7	0.87	-0.16	4.38
4,448.0	11.40	35.10	4,378.2	581.9	393.6	702.5	0.54	0.38	-1.93
4,494.0	11.60	34.90	4,423.3	589.4	398.9	711.7	0.44	0.43	-0.43
4,539.0	11.80	36.60	4,467.4	596.8	404.2	720.8	0.89	0.44	3.78
4,584.0	11.90	36.25	4,511.4	604.3	409.7	730.1	0.27	0.22	-0.78
4,630.0	11.50	35.20	4,556.4	611.8	415.2	739.4	0.99	-0.87	-2.28
4,675.0	11.40	36.20	4,600.5	619.1	420.4	748.3	0.49	-0.22	2.22
4,720.0	11.80	37.90	4,644.6	626.3	425.8	757.4	1.17	0.89	3.78
4,765.0	11.70	38.10	4,688.7	633.5	431.5	766.5	0.24	-0.22	0.44
4,811.0	11.40	37.90	4,733.7	640.8	437.2	775.7	0.66	-0.65	-0.43
4,856.0	11.20	37.90	4,777.9	647.7	442.6	784.5	0.44	-0.44	0.00
4,901.0	11.50	35.20	4,822.0	654.8	447.8	793.3	1.36	0.67	-6.00
4,946.0	11.00	31.40	4,866.1	662.2	452.7	802.1	1.99	-1.11	-8.44
4,992.0	10.80	33.40	4,911.3	669.5	457.3	810.8	0.93	-0.43	4.35
5,037.0	11.20	34.40	4,955.5	676.6	462.1	819.4	0.98	0.89	2.22
5,082.0	11.10	35.00	4,999.6	683.8	467.1	828.1	0.34	-0.22	1.33
5,128.0	11.40	36.60	5,044.7	691.1	472.3	837.1	0.94	0.65	3.48
5,173.0	11.80	37.80	5,088.8	698.3	477.8	846.1	1.04	0.89	2.67
5,218.0	11.50	39.10	5,132.9	705.4	483.4	855.2	0.89	-0.67	2.89
5,264.0	11.30	39.30	5,178.0	712.4	489.2	864.2	0.44	-0.43	0.43
5,285.9	11.40	39.89	5,199.4	715.8	491.9	868.5	0.69	0.44	2.69
<b>D-22-9-15 TGT</b>									
5,309.0	11.50	40.50	5,222.1	719.3	494.9	873.1	0.69	0.45	2.64
5,354.0	11.00	39.00	5,266.2	726.0	500.5	881.8	1.29	-1.11	-3.33
5,399.0	10.30	39.70	5,310.5	732.5	505.8	890.1	1.58	-1.56	1.56



Company: NEWFIELD EXPLORATION  
 Project: USGS Myton SW (UT)  
 Site: SECTION 22 T9S, R15E  
 Well: D-22-9-15  
 Wellbore: Wellbore #1  
 Design: Actual

Local Co-ordinate Reference: Well D-22-9-15  
 TVD Reference: D-22-9-15 @ 6392.0ft (328)  
 MD Reference: D-22-9-15 @ 6392.0ft (328)  
 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)
5,445.0	10.10	41.90	5,355.7	738.6	511.1	898.2	0.95	-0.43	4.78
5,490.0	10.00	38.80	5,400.0	744.6	516.2	906.0	1.22	-0.22	-6.89
5,535.0	10.30	36.60	5,444.3	750.9	521.0	913.9	1.09	0.67	-4.89
5,581.0	10.30	32.30	5,489.6	757.7	525.7	922.1	1.67	0.00	-9.35
5,626.0	10.30	33.70	5,533.9	764.4	530.1	930.2	0.56	0.00	3.11
5,671.0	11.60	35.40	5,578.1	771.4	534.9	938.7	2.98	2.89	3.78
5,717.0	11.90	34.54	5,623.1	779.1	540.3	948.1	0.76	0.65	-1.87
5,762.0	11.90	34.70	5,667.1	786.7	545.6	957.4	0.07	0.00	0.36
5,807.0	12.15	33.60	5,711.1	794.5	550.8	966.8	0.75	0.56	-2.44
5,853.0	12.00	32.10	5,756.1	802.6	556.0	976.4	0.76	-0.33	-3.26
5,898.0	12.06	36.70	5,800.1	810.3	561.3	985.7	2.13	0.13	10.22
5,943.0	12.26	38.16	5,844.1	817.8	567.1	995.2	0.82	0.44	3.24
5,989.0	12.60	37.66	5,889.0	825.7	573.2	1,005.1	0.78	0.74	-1.09
6,034.0	11.93	35.90	5,933.0	833.3	578.9	1,014.6	1.70	-1.49	-3.91
6,079.0	11.20	34.80	5,977.1	840.7	584.1	1,023.7	1.69	-1.62	-2.44
6,125.0	11.10	35.13	6,022.2	848.0	589.2	1,032.6	0.26	-0.22	0.72
6,180.0	11.10	35.13	6,076.2	856.6	595.3	1,043.1	0.00	0.00	0.00

Wellbore Targets

Target Name

- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- Shape									
D-22-9-15 TGT	0.00	0.00	5,200.0	713.8	489.8	7,179,714.67	1,998,390.68	40° 1' 23.344 N	110° 13' 18.003 W
- actual wellpath misses by 2.9ft at 5285.9ft MD (5199.4 TVD, 715.8 N, 491.9 E)									
- Circle (radius 75.0)									

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

# NEWFIELD



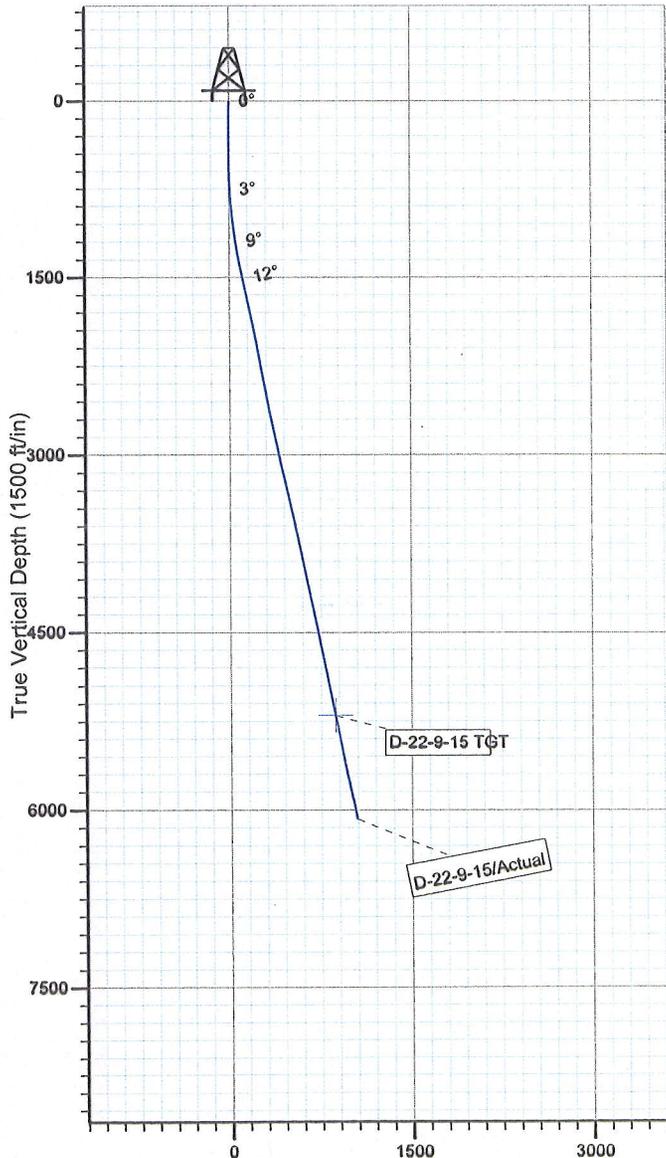
Project: USGS Myton SW (UT)  
Site: SECTION 22 T9S, R15E  
Well: D-22-9-15  
Wellbore: Wellbore #1  
SURVEY: Actual

FINAL SURVEY REPORT

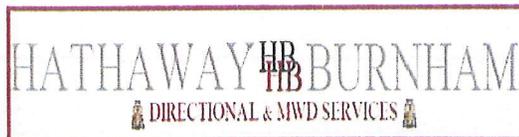
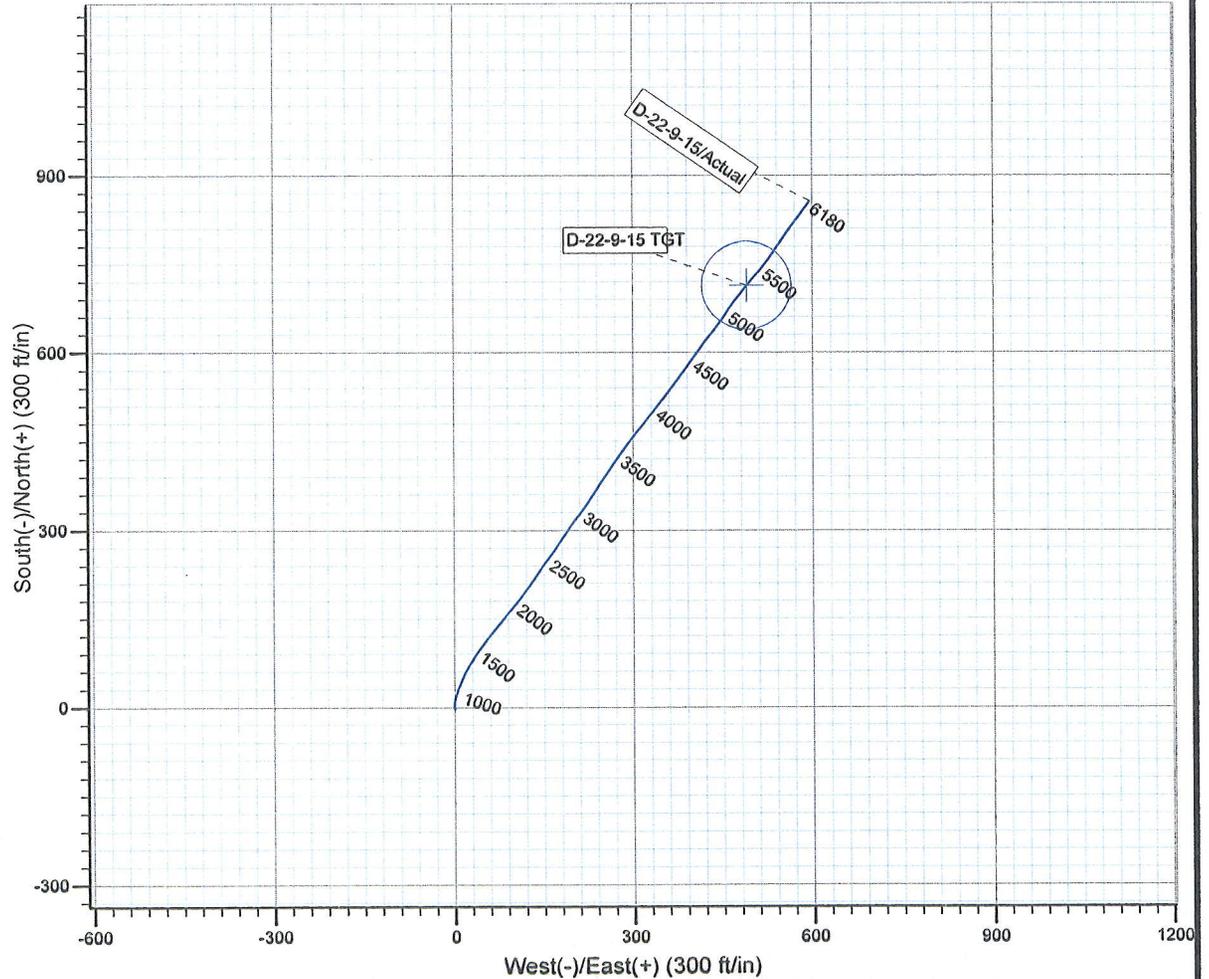


Azimuths to True North  
Magnetic North: 11.49°

Magnetic Field  
Strength: 52317.8snT  
Dip Angle: 65.77°  
Date: 2010/07/16  
Model: IGRF2010



Vertical Section at 34.46° (1500 ft/in)



Design: Actual (D-22-9-15/Wellbore #1)

Created By: *Jim Hudson* Date: 9:46, August 12 2010  
THIS SURVEY IS CORRECT TO THE BEST OF MY  
KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

**Daily Activity Report**

Format For Sundry

**ASHLEY D-22-9-15****5/1/2010 To 9/30/2010****ASHLEY D-22-9-15****Waiting on Cement****Date:** 7/17/2010

Ross #29 at 350. Days Since Spud - Notices Sent On 7/9/10 To BLM & State For Spud On 7/10/10 @ 10:00AM & CSG Run @ 4:00 PM on 7/10/10 - On 7/17/10 BJ Services Cemented 8 5/8" Casing W/ 180 sks Class G + 2% CaCl2 + 0.25# Cello Flake @ - 15.8 ppg W/1.17 Yield. Returned 9 bbls To Pit - Ran 8 jts 8 5/8" Casing. ( Guide Shoe, Shoe Jt, Baffle Plate, 7 jts) Set @ 349.85'KB. - On 7 /10/10 Ross Rig #29 Spud The Ashley Federal D-22-9-15 @ 10:00 AM, Drilled 350' 12 1/4" Hole, And

**Daily Cost:** \$0**Cumulative Cost:** \$51,844**ASHLEY D-22-9-15****Drill 7 7/8" hole with fresh water****Date:** 7/19/2010

Capstar #328 at 1650. 1 Days Since Spud - Nipple up BOP - R/U B&C Quicktest test, kelly, BOP, choke to 2000# and casing to 1500# Rig down B&C - Drill 7 7/8" hole f/ 294' to 438' w/ 15K WOB, TRPM-184, GPM-409, Avg ROP- 144 ft/hr - Rig Service, check crownomatic and BOP - Drill 7 7/8" hole F/ 438' to 1650' w/ 15k WOB, TRPM-184, GPM-409, Avg ROP-128 ft/hr - Move rig w/ Howcroft trucking 22 miles - P/U Directional tools , Orient and TIH tag cement @ 294' - No H2S or flow in last 24 hours

**Daily Cost:** \$0**Cumulative Cost:** \$83,826**ASHLEY D-22-9-15****Drill 7 7/8" hole with fresh water****Date:** 7/20/2010

Capstar #328 at 4730. 2 Days Since Spud - Drill 7 7/8" hole F/ 2826' to 4730' w/ 20KWOB, TRPM-184, GPM-409, Avg ROP-115 ft/hr - No H2S or flow reported in last 24 hours - Rig Service , check crownomatic and BOP - Drill 7 7/8" hole F/ 1650' to 2826' w/ 20K WOB, TRPM-184, GPM-409, Avg ROP-168 ft/hr

**Daily Cost:** \$0**Cumulative Cost:** \$102,025**ASHLEY D-22-9-15****Drill 7 7/8" hole with fresh water****Date:** 7/21/2010

Capstar #328 at 6180. 3 Days Since Spud - Lay down drill pipe and BHA, - Circulate and condition hole for lay down. - Drill 7 7/8" hole F/ 5636' to 6180' w/20K WOB, TRPM-184, GPM-409, Avg ROP- 84 ft/hr - Rig Service, check crownomatic and BOP - Drill 7 7/8" hole F/ 4730' to 5636' w/ 20K WOB, TRPM, 184, GPM-409, Avg ROP-82 ft/hr - No H2S or flow in last 24 hours

**Daily Cost:** \$0**Cumulative Cost:** \$144,765**ASHLEY D-22-9-15****Wait on Completion****Date:** 7/22/2010

Capstar #328 at 6180. 4 Days Since Spud - Clean mud tanks - Nipple down and set 5.5" casing slips w/ 85,000# tension - BLM and State were notified via email - displace w/ 145.9 bbls of fresh, returned 16 bbls to pit, bump plug to 2252 psi - pump 400 sks tail @ 14.4ppg and 1.24 yield(50:50:2+.05#SF+3%KCL+.5%EC-1+.25#CF+FP-6L) - Release rig @ 11:00

pm on 7-21-10 - Circulate casing, rig up BJ and hold safety meeting - Rig up and run 145 jts of 5.5", 15.5#, J-55, LTC Set @ 6171.54, rop of short jt @ 3784.83' - Rig up B&C Quicktest and test 5 1/2" casing rams to 2000# for 10 minutes - Log w/ PSI, Loggers TD-6170 to surface ( density, neutron, porosity, ) - Pump 280 sks of lead @ 11ppg and 3.53 yield (PL II+3% Kcl+.05# SF+.5# CF+2# Kol seal +FP-6L **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$300,819

---

**Pertinent Files:** Go to File List