

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-72103
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. So. Monument Butte Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. So. Monument Butte Federal G-1-9-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33944
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/NW 2076' FNL 2024' FWL At proposed prod. zone 1355' FNL 1315' FWL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 13.8 miles south of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 1, T9S R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1315' f/ise, 1315' f/unit	16. No. of Acres in lease 120.10	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. 1290'	19. Proposed Depth 6320'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5404' GL	22. Approximate date work will start* 3rd Quarter 2008	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 4/11/08
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 04-29-08
Title Office ENVIRONMENTAL MANAGER		

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

Conditions of approval, if any, are attached.

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

*(Instructions on reverse)

RECEIVED

APR 21 2008

DIV. OF OIL, GAS & MINING

Surf

579377X

44347804

40.061432

-110.069285

Federal Approval of this
Action is Necessary

BLL

579153X

44349984

40.063409

-110.071811

NEWFIELD PRODUCTION COMPANY
SO. MONUMENT BUTTE FEDERAL G-1-9-16
AT SURFACE: SE/NW SECTION 1, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2991'
Green River	2991'
Wasatch	6320'

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

Green River Formation 2991' – 6320' - 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
SO. MONUMENT BUTTE FEDERAL G-1-9-16
AT SURFACE: SE/NW SECTION 1, T9S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site So. Monument Butte Federal G-1-9-16 located in the SE 1/4 NW 1/4 Section 1, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles ± to the junction of this highway and UT State Hwy 53; proceed southeasterly - 9.2 miles ± to it's junction with an existing road to the southwest; proceed southwesterly - 1.7 miles ± to it's junction with an existing road to the northwest; proceed northwesterly - 1.2 miles ± to it's junction with the beginning of the access road existing Monument Butte Federal 6-1-9-16 well location.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Monument Butte Federal 6-1-9-16 well pad. See attached **Topographic Map "B"**.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the Monument Butte Federal 6-1-9-16 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed So. Monument Butte Federal G-1-9-16. All permanent surface equipment will be painted Carlsbad Canyon.

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

Johnson Water District
Water Right: 43-10136

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

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

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

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed So. Monument Butte Federal G-1-9-16 will be drilled off of the existing Monument Butte Federal 6-1-9-16 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

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

12. **OTHER ADDITIONAL INFORMATION**

Newfield Production Company requests 630' of disturbed area be granted in Lease UTU-72103 to allow for construction of the proposed water line. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP. In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

The Archaeological Resource Survey and Paleontological Resource Survey for the 630' of proposed water injection pipeline is attached. MOAC Report #08-063, 4/2/08. Paleontological Resource Survey prepared by, Wade E. Miller, 3/25/08. See attached report cover pages, **Exhibit "D"**.

Water Disposal

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

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

Threatened, Endangered, And Other Sensitive Species

None for the proposed So. Monument Butte Federal G-1-9-16

Reserve Pit Liner

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

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

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

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

Details of the On-Site Inspection

The proposed So. Monument Butte Federal G-1-9-16 was on-sited on 3/26/08. The following were present; Dave Allred (Newfield Production), Kevan Stevens (Newfield Production), Michael Cutler (Bureau of Land Management), Brandon McDonald (Bureau of Land Management)and James Herford (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

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

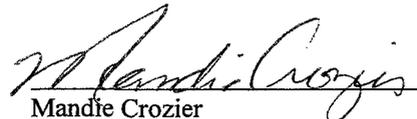
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #G-1-9-16 SE/NW Section 1, Township 9S, Range 16E: Lease UTU-72103 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

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

4/11/08

Date



Mandie Crozier
Regulatory Specialist
Newfield Production Company

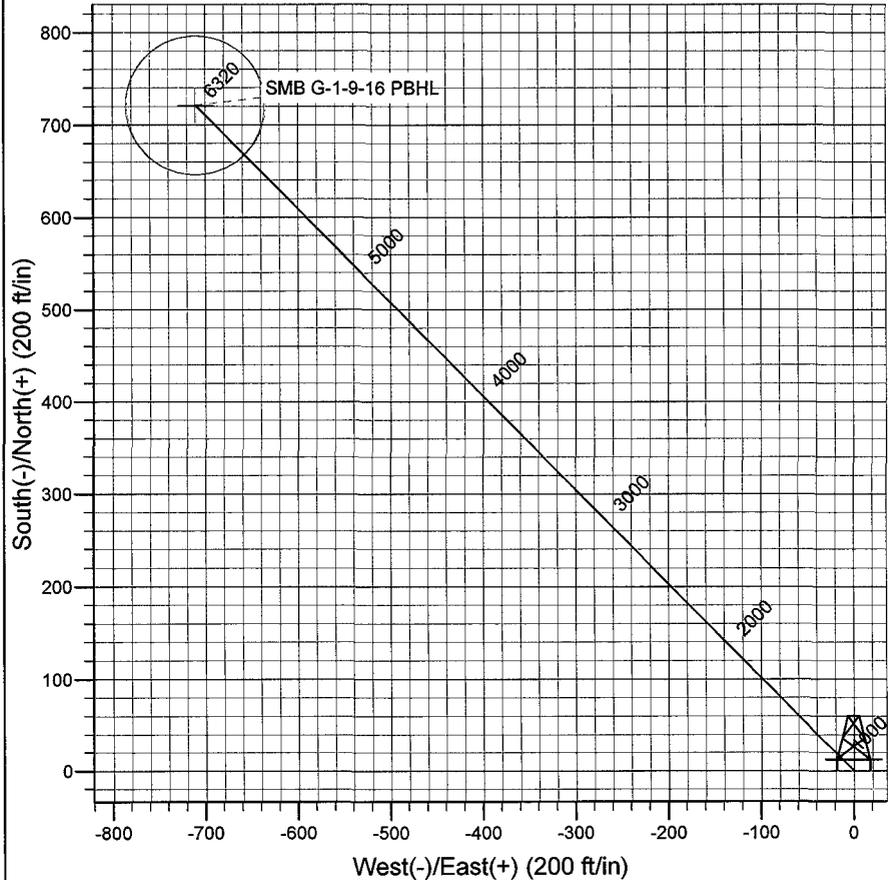
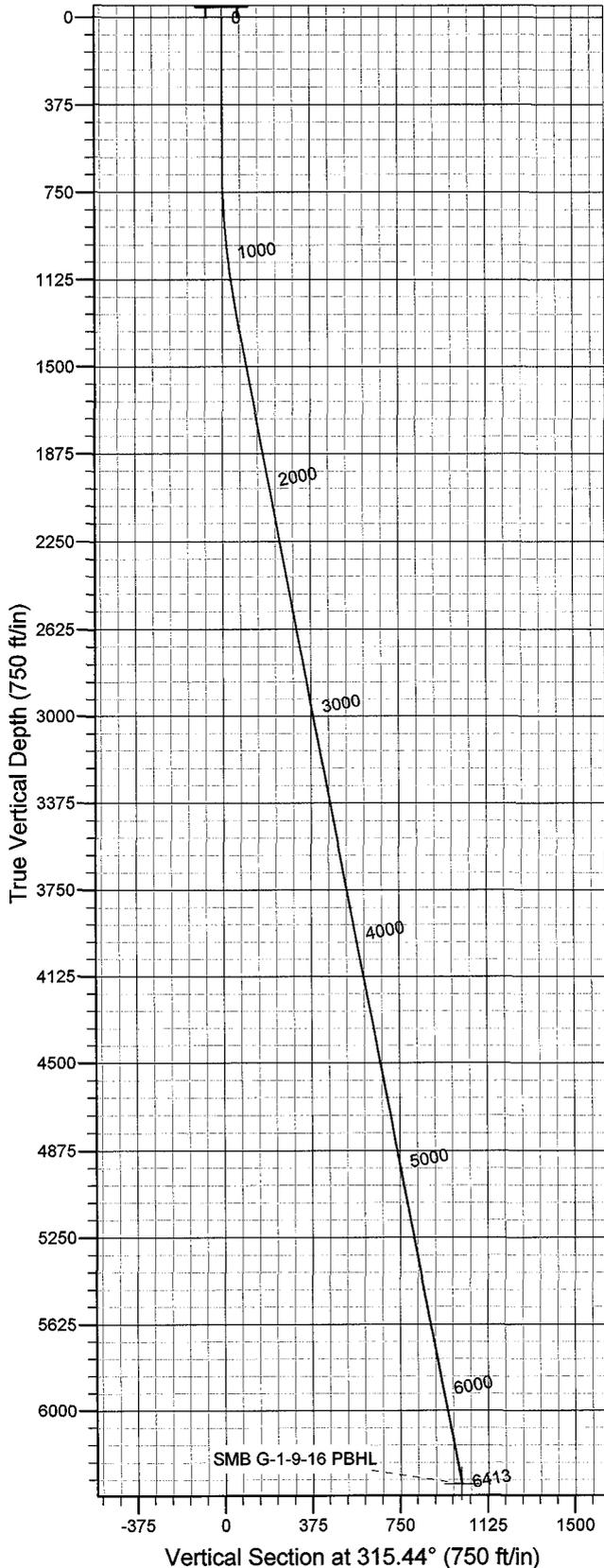


Azimuths to True North
 Magnetic North: 11.72°

Magnetic Field
 Strength: 52619.7snT
 Dip Angle: 65.89°
 Date: 2008-04-02
 Model: IGRF2005-10

WELL DETAILS: South Monument Butte G-1-9-16

		GL 5404' & RKB 12' @ 5416.00ft		5404.00		
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0.00	0.00	7194312.72	2040642.53	40° 3' 41.140 N	110° 4' 11.970 W	



Plan: Plan #1 (South Monument Butte G-1-9-16/OH)

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

PROJECT DETAILS: Duchesne County, UT NAD83 UTC

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

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	1312.83	10.69	315.44	1308.70	-47.25	-46.53	1.50	315.44	66.32	
4	6412.68	10.69	315.44	6320.00	721.44	-710.45	0.00	0.00	1012.53	SMB G-1-9-16 PBHL

Newfield Exploration Co.

Duchesne County, UT NAD83 UTC

South Monument Butte

South Monument Butte G-1-9-16

OH

Plan: Plan #1

Standard Planning Report

02 April, 2008

Scientific Drilling Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: South Monument Butte
Well: South Monument Butte G-1-9-16
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well South Monument Butte G-1-9-16
TVD Reference: GL 5404' & RKB 12' @ 5416.00ft
MD Reference: GL 5404' & RKB 12' @ 5416.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

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

Site	South Monument Butte,		
Site Position:		Northing:	7,191,754.62 ft
From:	Lat/Long	Easting:	2,035,361.28 ft
Position Uncertainty:	0.00 ft	Slot Radius:	0.000 in
		Latitude:	40° 3' 16.690 N
		Longitude:	110° 5' 20.410 W
		Grid Convergence:	0.90 °

Well	South Monument Butte G-1-9-16, 2076' FNL 2024' FWL Sec 1 T9S R16E		
Well Position	+N/-S	0.00 ft	Northing: 7,194,312.72 ft
	+E/-W	0.00 ft	Easting: 2,040,642.53 ft
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft
		Latitude:	40° 3' 41.140 N
		Longitude:	110° 4' 11.970 W
		Ground Level:	5,404.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2008-04-02	11.72	65.89	52,620

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	315.44

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	
1,312.83	10.69	315.44	1,308.70	47.25	-46.53	1.50	1.50	0.00	315.44	
6,412.68	10.69	315.44	6,320.00	721.44	-710.45	0.00	0.00	0.00	0.00	SMB G-1-9-16 PBHL

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: South Monument Butte
Well: South Monument Butte G-1-9-16
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well South Monument Butte G-1-9-16
TVD Reference: GL 5404' & RKB 12' @ 5416.00ft
MD Reference: GL 5404' & RKB 12' @ 5416.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	1.50	315.44	699.99	0.93	-0.92	1.31	1.50	1.50	0.00
800.00	3.00	315.44	799.91	3.73	-3.67	5.23	1.50	1.50	0.00
900.00	4.50	315.44	899.69	8.39	-8.26	11.77	1.50	1.50	0.00
1,000.00	6.00	315.44	999.27	14.91	-14.68	20.92	1.50	1.50	0.00
1,100.00	7.50	315.44	1,098.57	23.28	-22.93	32.68	1.50	1.50	0.00
1,200.00	9.00	315.44	1,197.54	33.51	-33.00	47.03	1.50	1.50	0.00
1,300.00	10.50	315.44	1,296.09	45.57	-44.88	63.96	1.50	1.50	0.00
1,312.83	10.69	315.44	1,308.70	47.25	-46.53	66.32	1.50	1.50	0.00
1,400.00	10.69	315.44	1,394.36	58.78	-57.88	82.49	0.00	0.00	0.00
1,500.00	10.69	315.44	1,492.62	72.00	-70.90	101.05	0.00	0.00	0.00
1,600.00	10.69	315.44	1,590.88	85.22	-83.92	119.60	0.00	0.00	0.00
1,700.00	10.69	315.44	1,689.15	98.44	-96.94	138.16	0.00	0.00	0.00
1,800.00	10.69	315.44	1,787.41	111.66	-109.96	156.71	0.00	0.00	0.00
1,900.00	10.69	315.44	1,885.67	124.88	-122.97	175.26	0.00	0.00	0.00
2,000.00	10.69	315.44	1,983.94	138.10	-135.99	193.82	0.00	0.00	0.00
2,100.00	10.69	315.44	2,082.20	151.32	-149.01	212.37	0.00	0.00	0.00
2,200.00	10.69	315.44	2,180.47	164.54	-162.03	230.92	0.00	0.00	0.00
2,300.00	10.69	315.44	2,278.73	177.76	-175.05	249.48	0.00	0.00	0.00
2,400.00	10.69	315.44	2,376.99	190.98	-188.07	268.03	0.00	0.00	0.00
2,500.00	10.69	315.44	2,475.26	204.20	-201.08	286.58	0.00	0.00	0.00
2,600.00	10.69	315.44	2,573.52	217.42	-214.10	305.14	0.00	0.00	0.00
2,700.00	10.69	315.44	2,671.78	230.64	-227.12	323.69	0.00	0.00	0.00
2,800.00	10.69	315.44	2,770.05	243.86	-240.14	342.25	0.00	0.00	0.00
2,900.00	10.69	315.44	2,868.31	257.08	-253.16	360.80	0.00	0.00	0.00
3,000.00	10.69	315.44	2,966.58	270.30	-266.18	379.35	0.00	0.00	0.00
3,100.00	10.69	315.44	3,064.84	283.51	-279.19	397.91	0.00	0.00	0.00
3,200.00	10.69	315.44	3,163.10	296.73	-292.21	416.46	0.00	0.00	0.00
3,300.00	10.69	315.44	3,261.37	309.95	-305.23	435.01	0.00	0.00	0.00
3,400.00	10.69	315.44	3,359.63	323.17	-318.25	453.57	0.00	0.00	0.00
3,500.00	10.69	315.44	3,457.89	336.39	-331.27	472.12	0.00	0.00	0.00
3,600.00	10.69	315.44	3,556.16	349.61	-344.28	490.67	0.00	0.00	0.00
3,700.00	10.69	315.44	3,654.42	362.83	-357.30	509.23	0.00	0.00	0.00
3,800.00	10.69	315.44	3,752.69	376.05	-370.32	527.78	0.00	0.00	0.00
3,900.00	10.69	315.44	3,850.95	389.27	-383.34	546.34	0.00	0.00	0.00
4,000.00	10.69	315.44	3,949.21	402.49	-396.36	564.89	0.00	0.00	0.00
4,100.00	10.69	315.44	4,047.48	415.71	-409.38	583.44	0.00	0.00	0.00
4,200.00	10.69	315.44	4,145.74	428.93	-422.39	602.00	0.00	0.00	0.00
4,300.00	10.69	315.44	4,244.00	442.15	-435.41	620.55	0.00	0.00	0.00
4,400.00	10.69	315.44	4,342.27	455.37	-448.43	639.10	0.00	0.00	0.00
4,500.00	10.69	315.44	4,440.53	468.59	-461.45	657.66	0.00	0.00	0.00
4,600.00	10.69	315.44	4,538.80	481.81	-474.47	676.21	0.00	0.00	0.00
4,700.00	10.69	315.44	4,637.06	495.03	-487.49	694.77	0.00	0.00	0.00
4,800.00	10.69	315.44	4,735.32	508.25	-500.50	713.32	0.00	0.00	0.00
4,900.00	10.69	315.44	4,833.59	521.47	-513.52	731.87	0.00	0.00	0.00
5,000.00	10.69	315.44	4,931.85	534.69	-526.54	750.43	0.00	0.00	0.00
5,100.00	10.69	315.44	5,030.11	547.91	-539.56	768.98	0.00	0.00	0.00
5,200.00	10.69	315.44	5,128.38	561.13	-552.58	787.53	0.00	0.00	0.00

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: South Monument Butte
Well: South Monument Butte G-1-9-16
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well South Monument Butte G-1-9-16
TVD Reference: GL 5404' & RKB 12' @ 5416.00ft
MD Reference: GL 5404' & RKB 12' @ 5416.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.00	10.69	315.44	5,226.64	574.35	-565.60	806.09	0.00	0.00	0.00
5,400.00	10.69	315.44	5,324.91	587.57	-578.61	824.64	0.00	0.00	0.00
5,500.00	10.69	315.44	5,423.17	600.79	-591.63	843.19	0.00	0.00	0.00
5,600.00	10.69	315.44	5,521.43	614.01	-604.65	861.75	0.00	0.00	0.00
5,700.00	10.69	315.44	5,619.70	627.23	-617.67	880.30	0.00	0.00	0.00
5,800.00	10.69	315.44	5,717.96	640.45	-630.69	898.86	0.00	0.00	0.00
5,900.00	10.69	315.44	5,816.22	653.67	-643.71	917.41	0.00	0.00	0.00
6,000.00	10.69	315.44	5,914.49	666.89	-656.72	935.96	0.00	0.00	0.00
6,100.00	10.69	315.44	6,012.75	680.11	-669.74	954.52	0.00	0.00	0.00
6,200.00	10.69	315.44	6,111.02	693.33	-682.76	973.07	0.00	0.00	0.00
6,300.00	10.69	315.44	6,209.28	706.55	-695.78	991.62	0.00	0.00	0.00
6,400.00	10.69	315.44	6,307.54	719.77	-708.80	1,010.18	0.00	0.00	0.00
6,412.68	10.69	315.44	6,320.00	721.44	-710.45	1,012.53	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
SMB G-1-9-16 PBHL - plan hits target center - Circle (radius 75.00)	0.00	0.00	6,320.00	721.44	-710.45	7,195,022.72	2,039,920.64	40° 3' 48.270 N	110° 4' 21.108 W

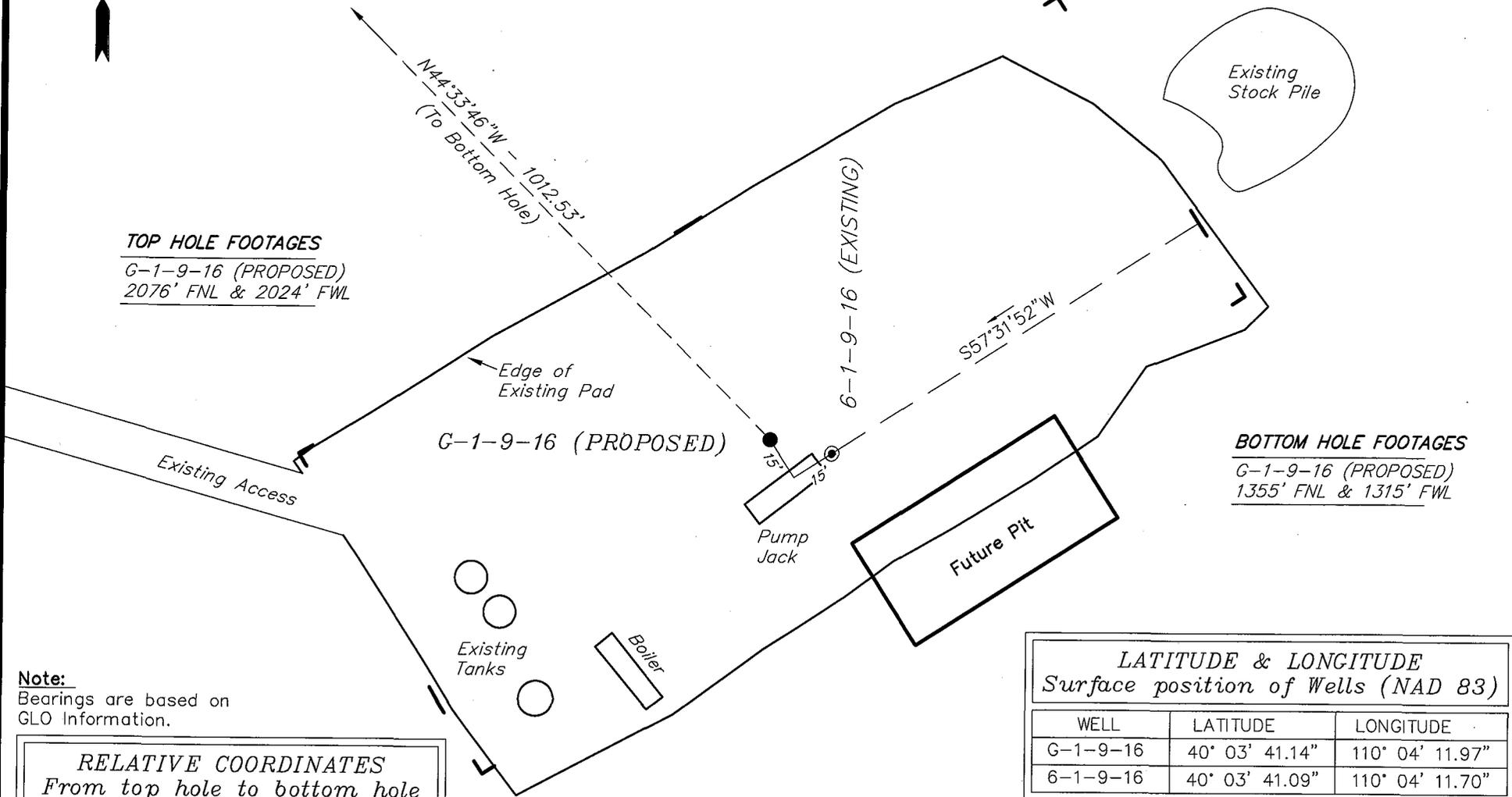
NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

SOUTH MONUMENT BUTTE G-1-9-16 (Proposed Well)

SOUTH MONUMENT BUTTE 6-1-9-16 (Existing Well)

Pad Location: SENW Section 1, T9S, R16E, S.L.B.&M.



TOP HOLE FOOTAGES

G-1-9-16 (PROPOSED)
2076' FNL & 2024' FWL

BOTTOM HOLE FOOTAGES

G-1-9-16 (PROPOSED)
1355' FNL & 1315' FWL

Note:
Bearings are based on
GLO Information.

RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
G-1-9-16	721'	-710'

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
G-1-9-16	40° 03' 41.14"	110° 04' 11.97"
6-1-9-16	40° 03' 41.09"	110° 04' 11.70"

SURVEYED BY: T.H. DATE SURVEYED: 12-01-07
DRAWN BY: F.T.M. DATE DRAWN: 12-14-07
SCALE: 1" = 50' REVISED:

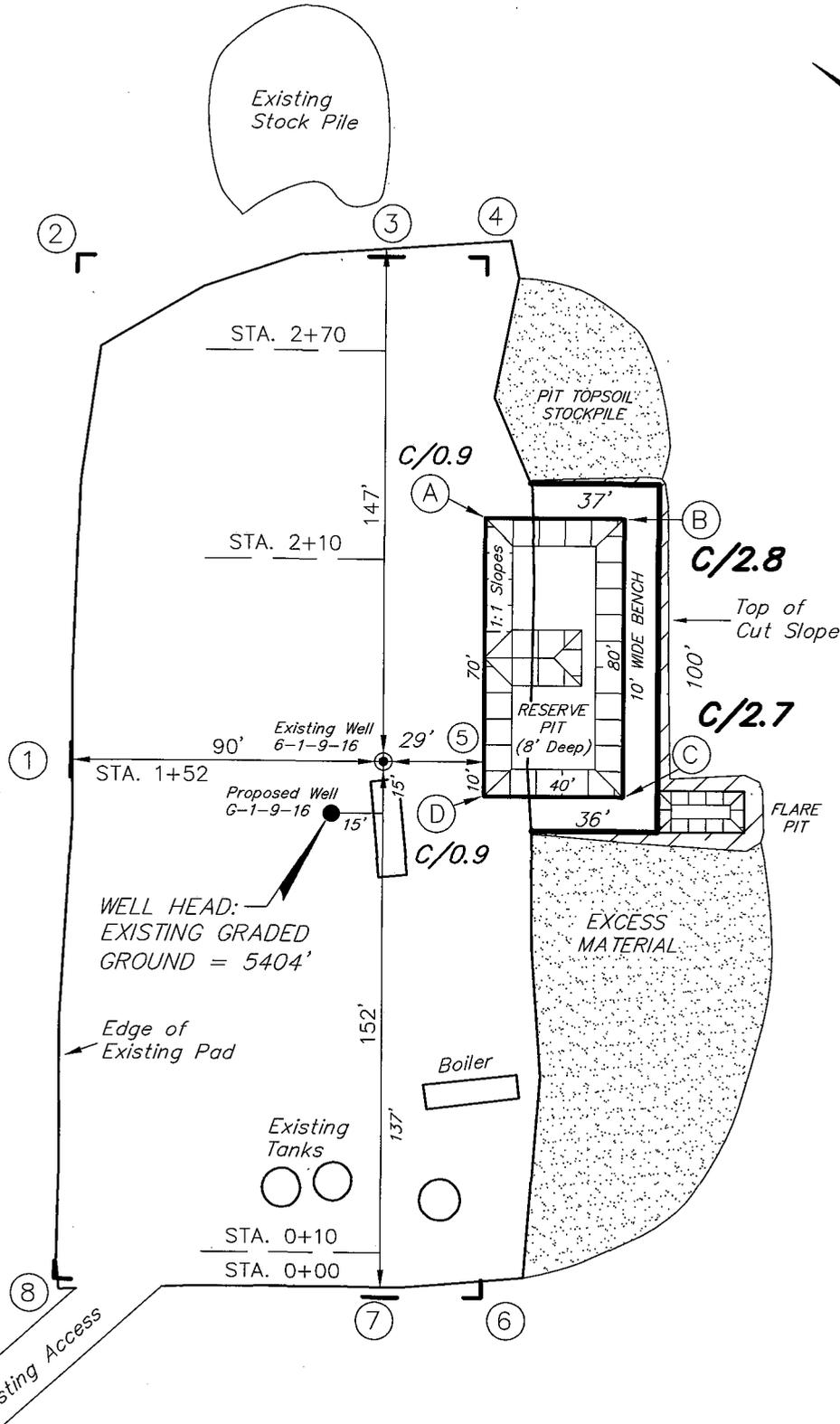
Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

SOUTH MONUMENT BUTTE G-1-9-16 (Proposed Well)

SOUTH MONUMENT BUTTE 6-1-9-16 (Existing Well)

Pad Location: SENW Section 1, T9S, R16E, S.L.B.&M.



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

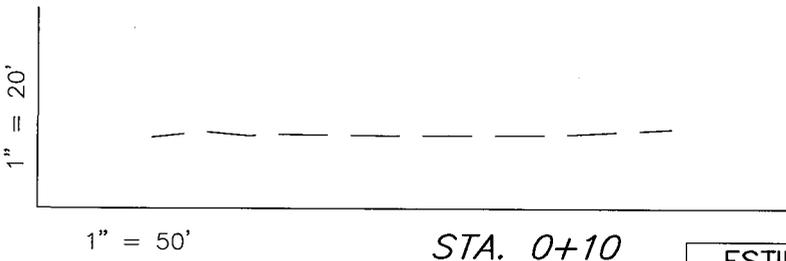
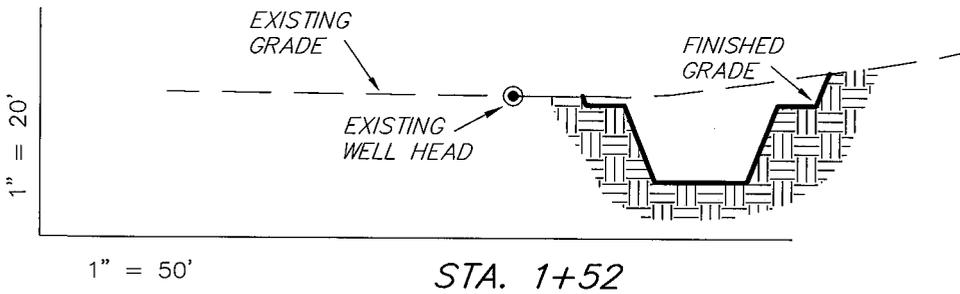
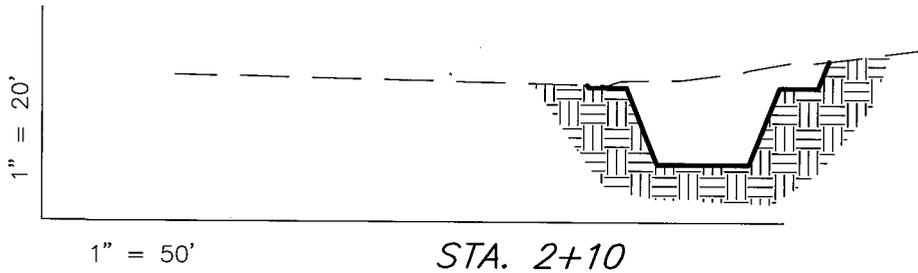
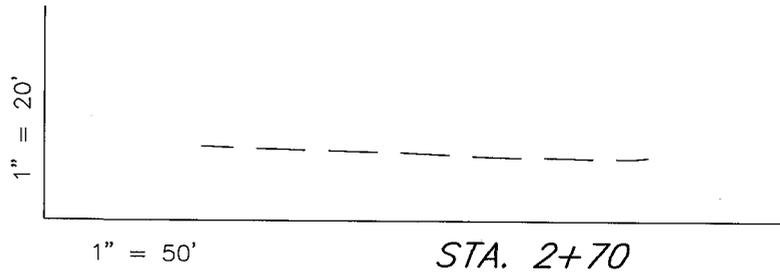
SURVEYED BY: T.H.	DATE SURVEYED: 12-01-07
DRAWN BY: F.T.M.	DATE DRAWN: 12-14-07
SCALE: 1" = 50'	REVISED:

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

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

SOUTH MONUMENT BUTTE G-1-9-16 (Proposed Well)
 SOUTH MONUMENT BUTTE 6-1-9-16 (Existing Well)



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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	410	0	Topsoil is not included in Pad Cut	410
PIT	640	0		640
TOTALS	1,050	0	130	1,050

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

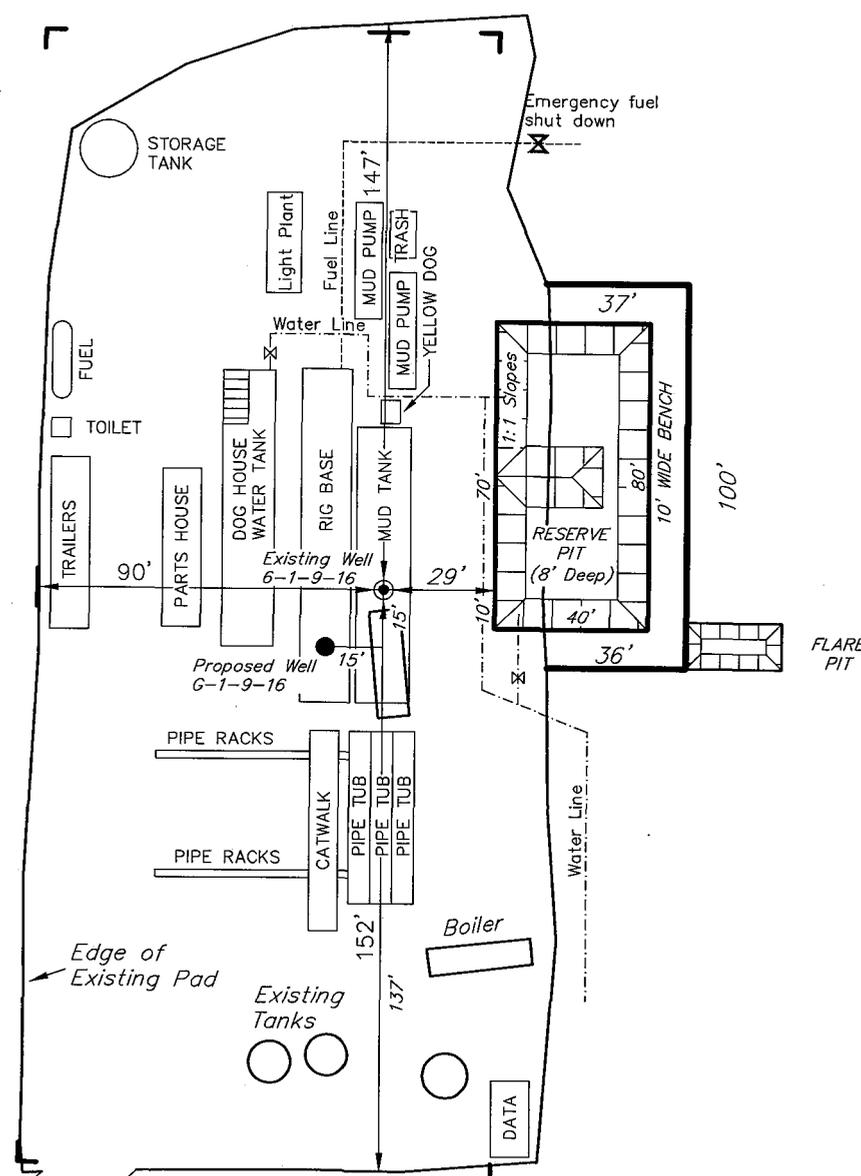
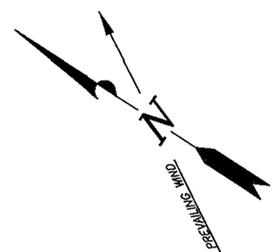
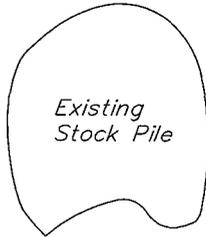
SURVEYED BY: T.H.	DATE SURVEYED: 12-01-07
DRAWN BY: F.T.M.	DATE DRAWN: 12-14-07
SCALE: 1" = 50'	REVISED:

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

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

SOUTH MONUMENT BUTTE G-1-9-16 (Proposed Well)
 SOUTH MONUMENT BUTTE 6-1-9-16 (Existing Well)



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

SURVEYED BY: T.H.	DATE SURVEYED: 12-01-07
DRAWN BY: F.T.M.	DATE DRAWN: 12-14-07
SCALE: 1" = 50'	REVISED:

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

Newfield Production Company Proposed Site Facility Diagram

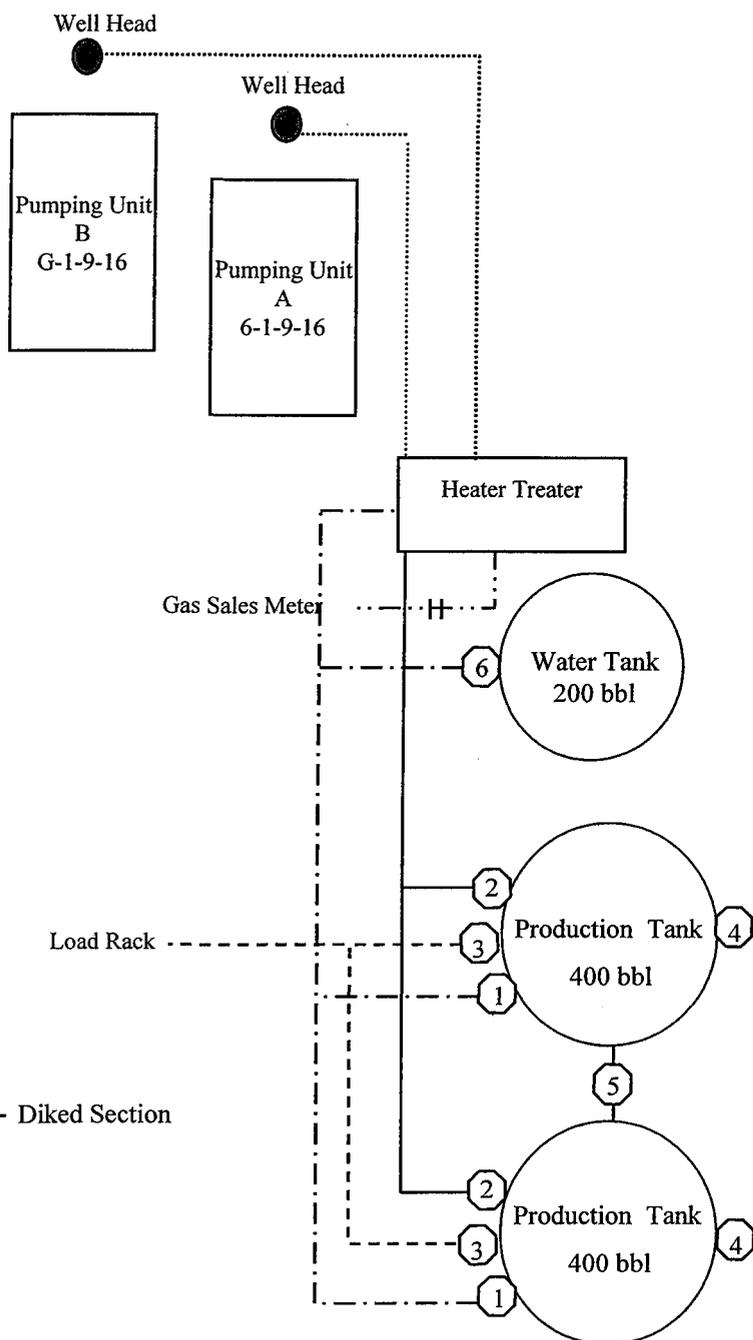
South Monument Butte Federal G-1-9-16

From the 6-1-9-16 Location

SE/NW Sec. 1 T9S, R16E

Duchesne County, Utah

UTU-72103



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

Production Phase:

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

Sales Phase:

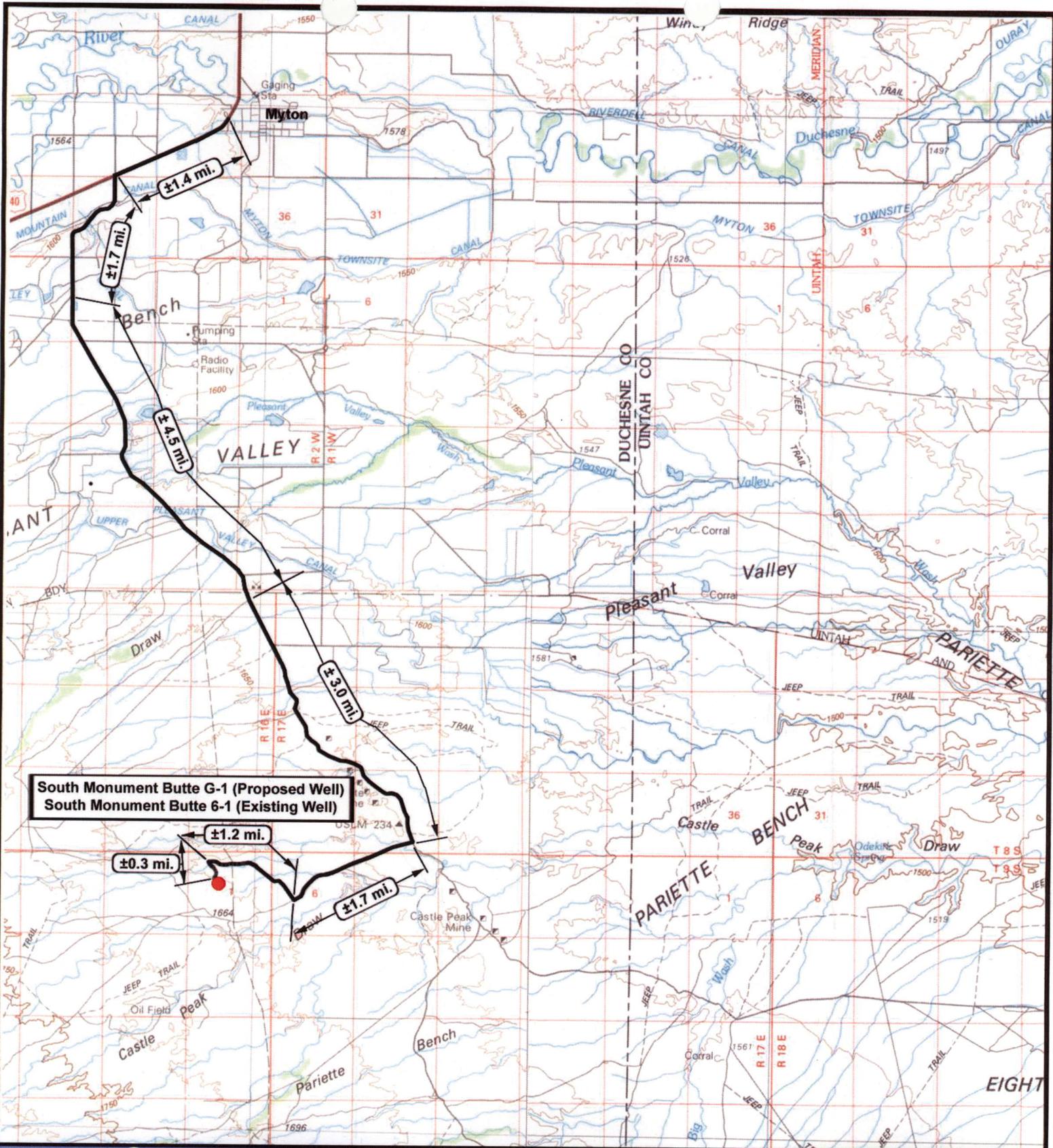
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valves 1 and 6 open

Legend

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



South Monument Butte G-1 (Proposed Well)
 South Monument Butte 6-1 (Existing Well)

NEWFIELD
Exploration Company

South Monument Butte G-1-9-16 (Proposed Well)
South Monument Butte 6-1-9-16 (Existing Well)
 Pad Location: SENW SEC. 1, T9S, R16E, S.L.B.&M.



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

SCALE: 1:100,000
 DRAWN BY: nc
 DATE: 01-22-2008

Legend

Existing Road

TOPOGRAPHIC MAP
"A"



South Monument Butte G-1 (Proposed Well)
South Monument Butte 6-1 (Existing Well)



NEWFIELD
Exploration Company

South Monument Butte G-1-9-16 (Proposed Well)
South Monument Butte 6-1-9-16 (Existing Well)
 Pad Location: SENW SEC. 1, T9S, R16E, S.L.B.&M.




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

SCALE: 1" = 2,000'
 DRAWN BY: nc
 DATE: 01-22-2008

Legend

Existing Road

TOPOGRAPHIC MAP

"B"



**South Monument Butte G-1 (Proposed Well)
South Monument Butte 6-1 (Existing Well)**

Existing Gas Pipeline

Tie in at Existing Waterline

± 630'

NEWFIELD
Exploration Company

**South Monument Butte G-1-9-16 (Proposed Well)
South Monument Butte 6-1-9-16 (Existing Well)
Pad Location: SENW SEC. 1, T9S, R16E, S.L.B.&M.**



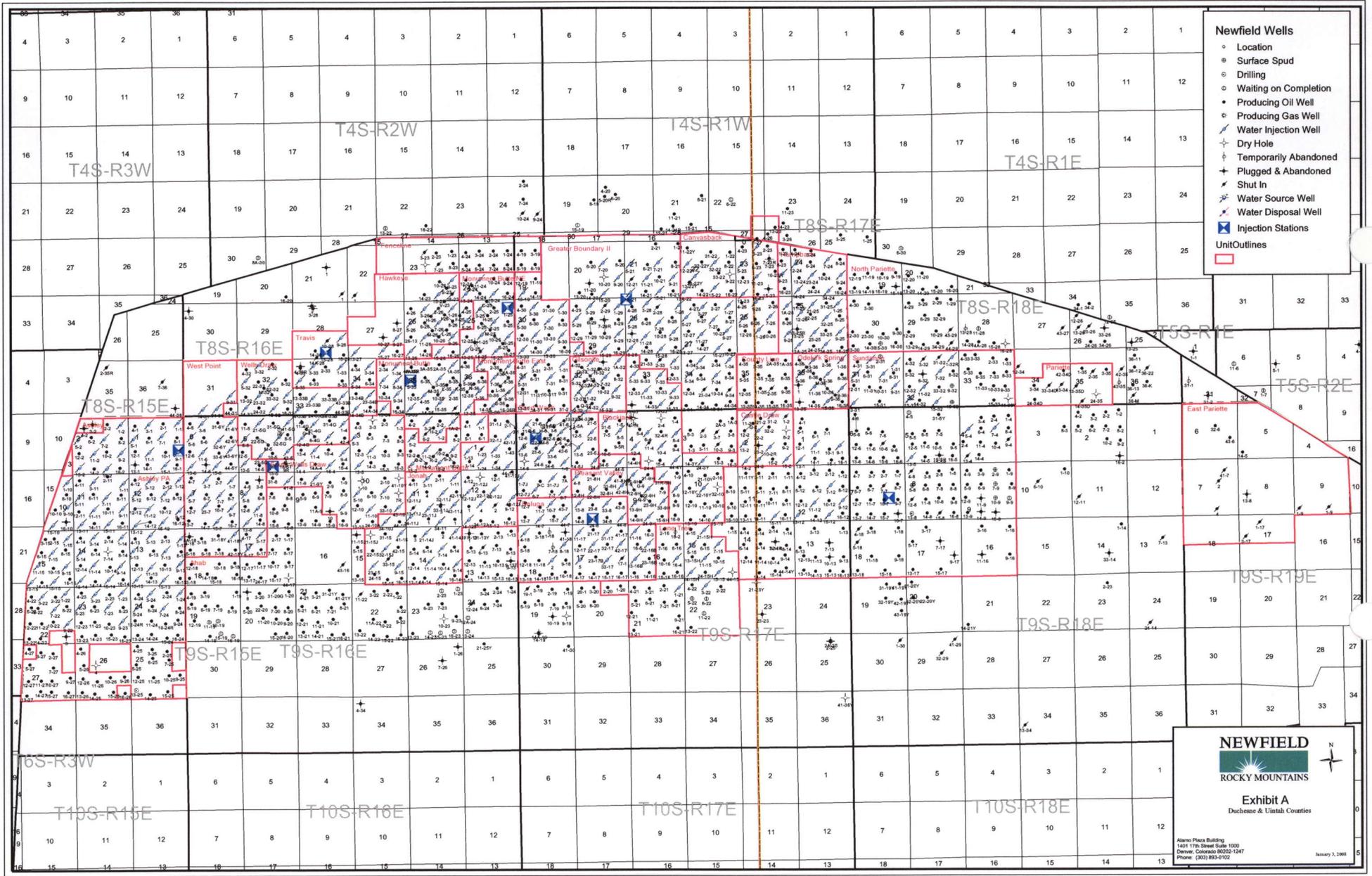
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

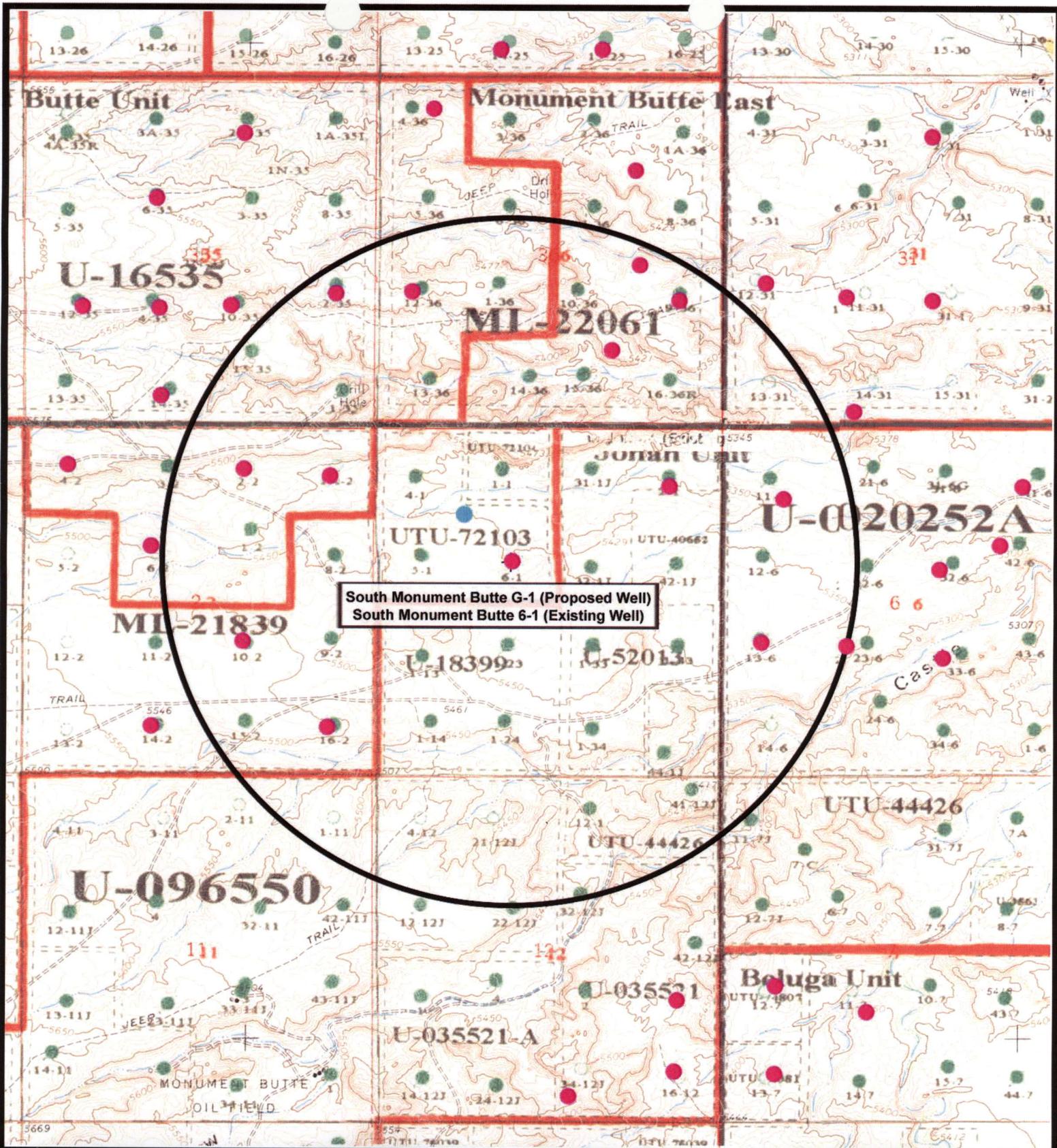
SCALE: 1" = 2,000'
DRAWN BY: nC
DATE: 01-22-2008

Legend

- Existing Road
- Proposed Waterline

TOPOGRAPHIC MAP
"C"






NEWFIELD
Exploration Company

South Monument Butte G-1-9-16 (Proposed Well)
South Monument Butte 6-1-9-16 (Existing Well)
Pad Location: SENW SEC. 1, T9S, R16E, S.L.B.&M.




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

SCALE: 1" = 2,000'
DRAWN BY: nc
DATE: 01-22-2008

Legend

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

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

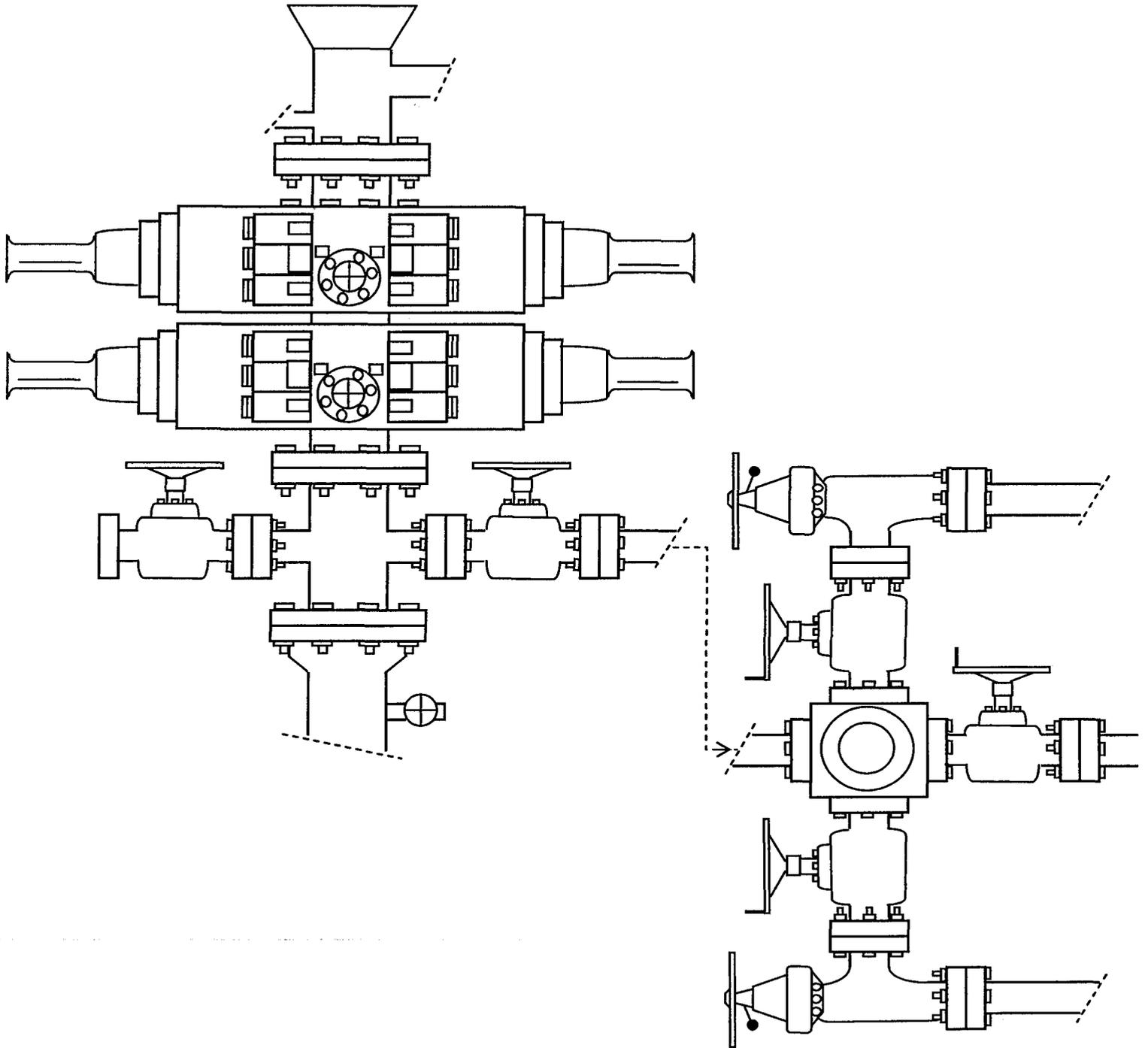


EXHIBIT C

Exhibit "D"

1 of 2

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S PROPOSED
SOUTH MONUMENT BUTTE G-1-9-16 WATERLINE
DUCHESNE COUNTY, UTAH

By:

Jacki A. Montgomery

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

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

Prepared By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 219
Moab, Utah 84532

MOAC Report No. 08-063

April 2, 2008

United States Department of Interior (FLPMA)
Permit No. 07-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-08-MQ-0202b

NEWFIELD EXPLORATION COMPANY

**PALEONTOLOGICAL SURVEY OF PROPOSED
HIGH PRESSURE GAS PIPELINE**

**NW 1/4, NW 1/4, Sec. 36, T 8 S, R 17 E, to NE 1/4, NE 1/4, Sec. 9, T 9 S, R 17 E
(4-36T-8S-17E to 1-9-9-17; & 23-2T-9S-17E)**

AND

TWO 40 ACRE PARCELS

**NW 1/4, NW 1/4, Sec. 28, T 9 S, R 18 E; SW 1/4, SW 1/4, Sec. 2, T 9 S, R 16 E
(4-28-9-18 & 13-2T-9-16)**

AND

WATER PIPELINE TIE-INS

T 8 S, R 16 E (7-25-8-16; 2-34-8-16; 6-34-8-16; 4A-35R-8-16)

T 8 S, R 17 E (8-25-8-17; 22-25-8-17; 24-25-8-17)

T 9 S, R 15 E (8-1-9-15; 16-11-9-15)

T 9 S, R 16 E (6-1-9-16; 16-7-9-16)

**T 9 S, R 17 E (32-4R-9-17; 12-5-9-17; 14-5J-9-17; 43-6-9-17; 34-6-9-17; 43-8-9-17;
1-9-9-17; 15-9H-9-17; 13-10-9-17; 14-10-9-17; 12-12-9-17; 23-8-9-17; 2-22-9-17)**

Duchesne & Uintah Counties, Utah

REPORT OF SURVEY

Prepared for:

Newfield Exploration Company

Prepared by:

Wade E. Miller
March 25, 2008

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 04/21/2008

API NO. ASSIGNED: 43-013-33964

WELL NAME: SO MON BUTTE FED G-1-9-16
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SE NW 01 090S 160E
 SURFACE: 2076 FNL 2024 FWL
 BOTTOM: 1355 FNL 1315 FWL *SWNW*
 COUNTY: DUCHESNE
 LATITUDE: 40.06143 LONGITUDE: -110.0693
 UTM SURF EASTINGS: 579377 NORTHINGS: 4434780
 FIELD NAME: MONUMENT BUTTE (105)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-72103
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

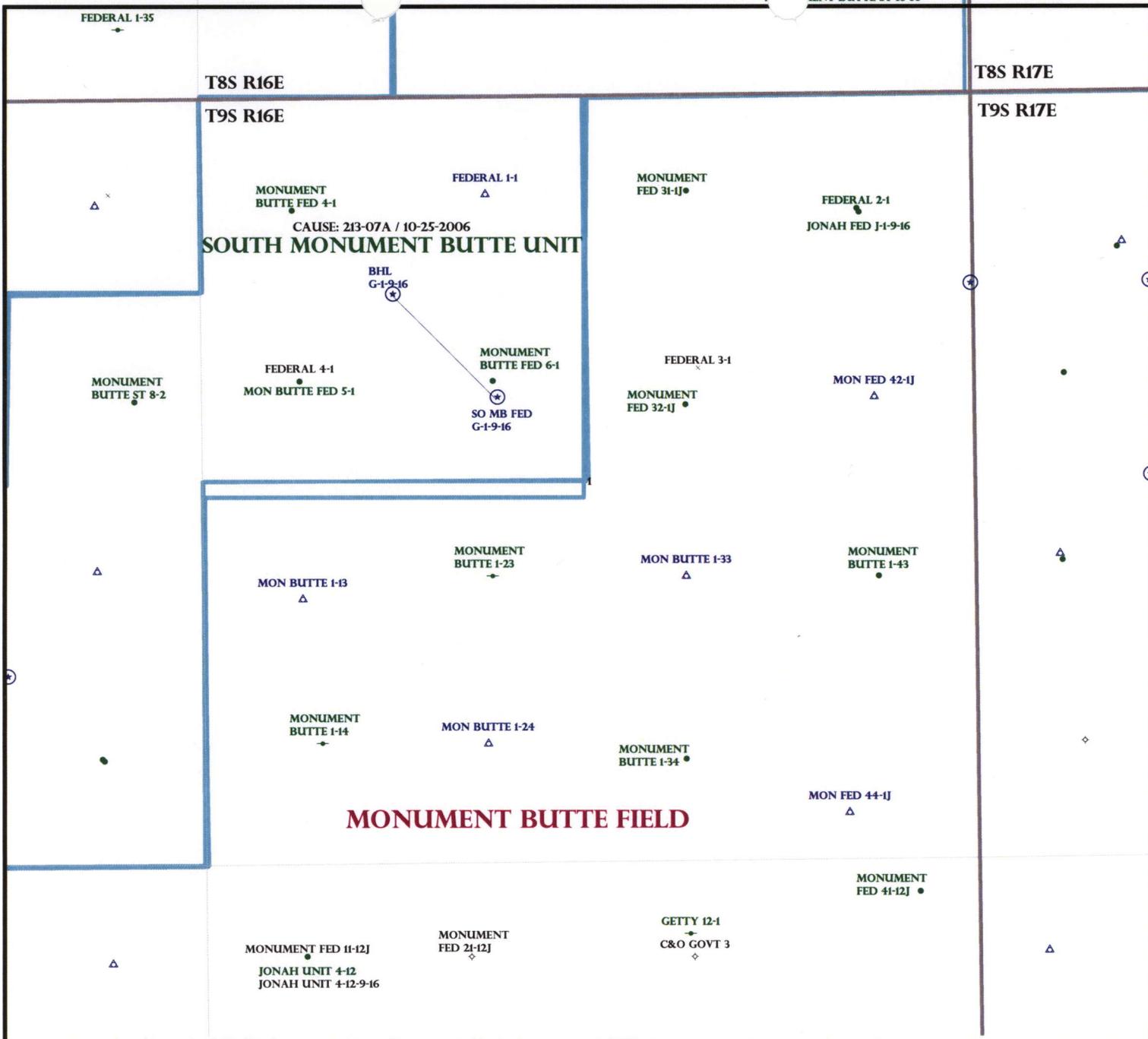
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WYB000493)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-10136)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit: S MONUMENT BUTTE (GR)
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 213-07CA
Eff Date: 10-25-2006
Siting: Subsands General Siting
- R649-3-11. Directional Drill

COMMENTS: See separate file

STIPULATIONS: 1 - Federal Approval



MONUMENT BUTTE FIELD

OPERATOR: NEWFIELD PROD CO (N2695)
 SEC: 1 T.9S R. 16E
 FIELD: MONUMENT BUTTE (105)
 COUNTY: DUCHESNE
 CAUSE: 213-07A / 10-25-2006

- 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

- 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



OIL, GAS & MINING



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

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:
3160
{UT-922}

April 23, 2008

Memorandum

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

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

API#	WELL NAME	LOCATION
------	-----------	----------

(Proposed PZ Green River)

43-013-33964	So Mon Butte Fed G-1-9-16	Sec 1 T09S R16E 2076 FNL 2024 FWL BHL Sec 1 T09S R16E 1355 FNL 1315 FWL
--------------	---------------------------	--

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

/s/ Michael L. Coulthard

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

MCoulthard:mc:4-23-08



April 24, 2008

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

RE: Directional Drilling
S Monument Butte Federal G-1-9-16
South Monument Butte Unit
UTU-79485X
Surface Hole: T9S R16E, Section 1: SENW
2076' FNL 2024' FWL
Bottom Hole: T9S R16E, Section 1
1355' FNL 1315' FWL
Duchesne County, Utah

Dear Ms. Mason;

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

The surface hole location and bottom hole location of this well are both within the boundaries of the South Monument Butte Federal Unit UTU-79845X. Newfield certifies that it is the South Monument Butte Unit Operator and all lands within 460 feet of the entire directional well bore are within the South Monument Butte 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. Your consideration of this matter is greatly appreciated.

Sincerely,
NEWFIELD PRODUCTION COMPANY

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

Roxann Eveland
Land Associate

RECEIVED
APR 28 2008
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

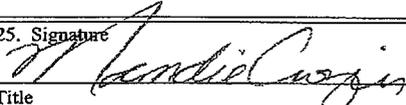
APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No. UTU-72103	
6. If Indian, Allottee or Tribe Name N/A	
7. If Unit or CA Agreement, Name and No. So. Monument Butte Unit	
8. Lease Name and Well No. So. Monument Butte Federal G-1-9-16	
9. API Well No.	
10. Field and Pool, or Exploratory Monument Butte	
11. Sec., T., R., M., or Blk. and Survey or Area Sec. 1, T9S R16E	
12. County or Parish Duchesne	13. State UT
14. Distance in miles and direction from nearest town or post office* Approximatley 13.8 miles south of Myton, Utah	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) <i>Approx. 1315' f/lse, 1315' f/unit</i>	16. No. of Acres in lease 120.10
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. <i>Approx. 1290'</i>
19. Proposed Depth 6320'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5404' GL	22. Approximate date work will start* 3rd Quarter 2008
23. Estimated duration <i>Approximately seven (7) days from spud to rig release.</i>	

24. Attachments

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

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

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

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

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

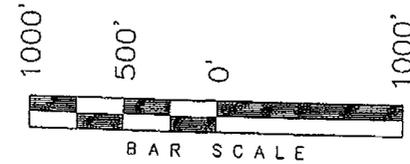
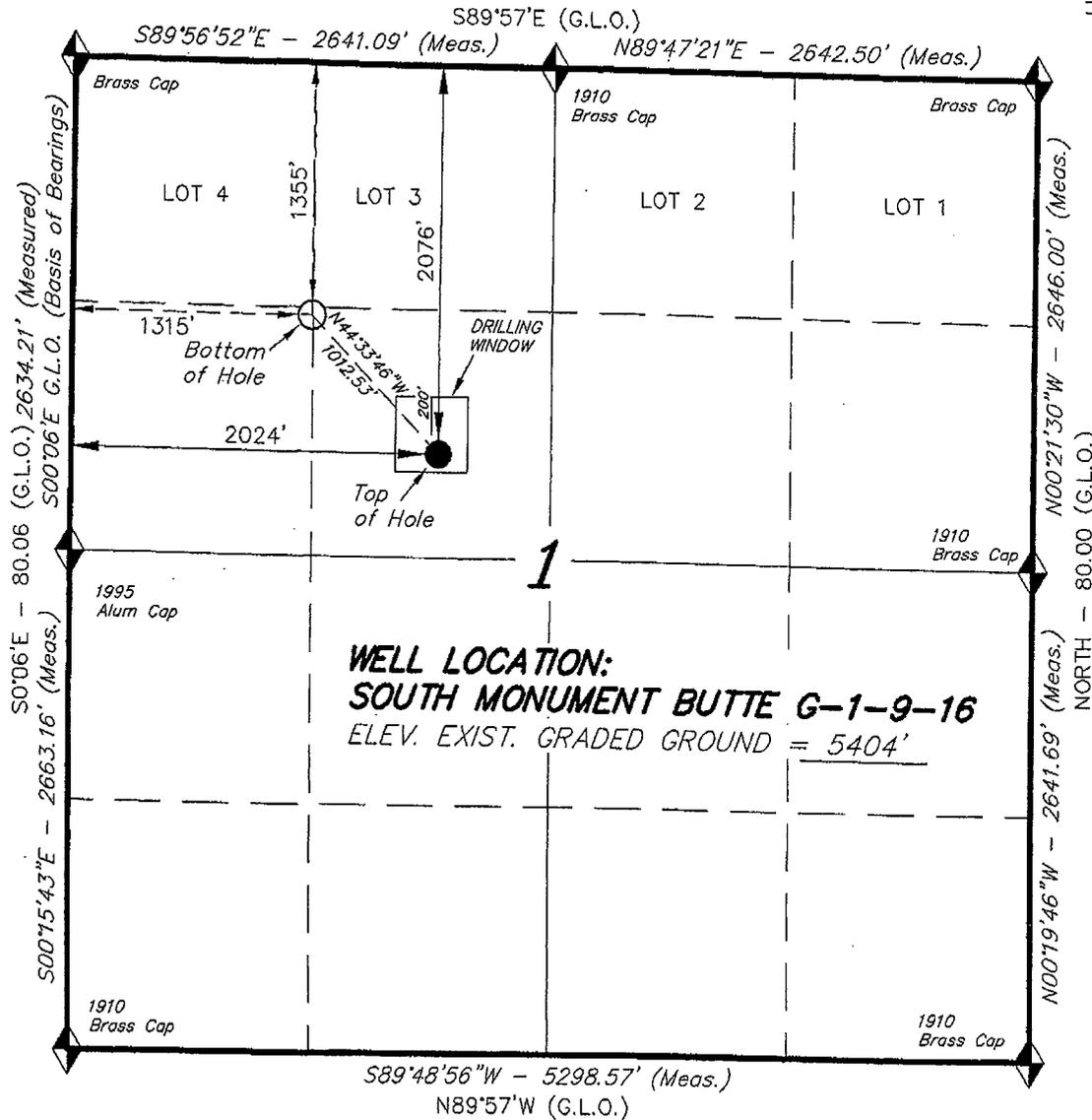
*(Instructions on reverse)

RECEIVED
APR 28 2008
DIV. OF OIL, GAS & MINING

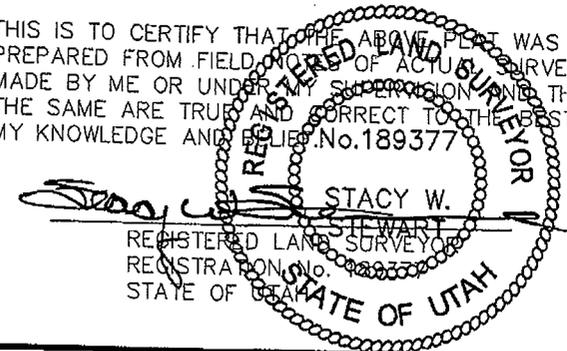
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, SOUTH MONUMENT BUTTE
G-1-9-16, LOCATED AS SHOWN IN THE SE
1/4 NW 1/4 OF SECTION 1, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



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



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

SOUTH MONUMENT BUTTE G-1-9-16
(Surface Location) NAD 83
LATITUDE = 40° 03' 41.14"
LONGITUDE = 110° 04' 11.97"

TRI STATE LAND SURVEYING & CONSULTING 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
DATE SURVEYED: 12-01-07	SURVEYED BY: T.H.
DATE DRAWN: 12-14-07	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 29, 2008

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

Re: So. Monument Butte Federal G-1-9-16 Well, Surface Location 2076' FNL, 2024' FWL, SE NW, Sec. 1, T. 9 South, R. 16 East, Bottom Location 1355' FNL, 1315' FWL, SW NW, Sec. 1, T. 9 South, R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33964.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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



Operator: Newfield Production Company
Well Name & Number So. Monument Butte Federal G-1-9-16
API Number: 43-013-33964
Lease: UTU-72103

Surface Location: SE NW **Sec. 1** **T. 9 South** **R. 16 East**
Bottom Location: SW NW **Sec. 1** **T. 9 South** **R. 16 East**

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

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

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

3. Reporting Requirements

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

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

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

APR 16 PM 12:55

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-72103
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. So. Monument Butte Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. So. Monument Butte Federal G-1-9-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43 013 3391A
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/NW 2076' FNL 2024' FWL SENW At proposed prod. zone 1355' FNL 1315' FWL SWNW		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 13.8 miles south of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 1, T9S R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1315' flse, 1315' flunit	16. No. of Acres in lease 120.10	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. 1290'	19. Proposed Depth 6320'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5404' GL	22. Approximate date work will start* 3rd Quarter 2008	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

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

Approved by (Signature) 	Name (Printed/Typed) Jerry Kenzka	Date 7-2-2008
Title Assistant Field Manager Lands & Mineral Resources		
Office VERNAL FIELD OFFICE		

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

CONDITIONS OF APPROVAL ATTACHED

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

*(Instructions on reverse)



NOTICE OF APPROVAL

RECEIVED

JUL 07 2008

DIV. OF OIL, GAS & MINING

08PP0251A
NOS 2/29/08



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

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



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	Newfield Production Company	Location:	SENW, Sec. 1, T9S, R16E (S) SWNW, Sec. 1, T9S, R16E (B)
Well No:	So Monument Butte Federal G-1-9-16	Lease No:	UTU-72103
API No:	43-013-33964	Agreement:	South Monument Butte Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	(435) 828-4029
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

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

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

NOTIFICATION REQUIREMENTS

Location Construction (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 COAs:

STIPULATIONS:

1. None.

Lease Notices (field review and RMP):

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

Comments:

- This project will be a Categorical Exclusion to the Castle Peak and Eight – Mile Flat Oil and Gas Expansion Project EIS (August 2005).
- No raptor nests are within a ½ mile of the Project Area.
- Mountain Plover timing restrictions were not applied to the Project Area as the area has already been disturbed and the location will be directionally drilled from an existing location.

Follow-up Actions and/or Recommendations:

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

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

CONDITIONS OF APPROVAL:

- Pipelines will be buried at all major drainage crossings. For all pipelines crossing streams and/or floodplains, consult “Hydraulic Considerations for Pipelines Crossing Stream Channels” Tech Note 423 (<ftp://ftp.blm.gov/pub/nstc/TechNotes/TechNote423.pdf>).
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- All pipelines (surface and buried) will be laid within one 50’ wide construction ROW, on one side of the road, and will reduce down to a 30’ wide permanent ROW on lease.
- A temporary road ROW will not be granted. The road ROW will be 30 foot for construction and will reduce to an 18 foot running surface.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed. All roads will have an 18', crowned (2 to 3% minimum), running surface. All roads will have drainage ditches along both sides of road.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Prevent fill and stock piles from entering drainages.
- To insure impermeability, the reserve pit will be lined with a 16 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- Any hydrocarbons in the reserve pit will be removed **immediately** upon well completion; in accordance with 43 CFR 3162.7-1. Pits must be free of oil and other liquid and solid wastes prior to filling.

- Monument Butte SOP, Section 9.2 - Pit Fencing Minimum Standards - will be strictly adhered to. To include 9.2.2.3 - Corner posts will be cemented and/or braced in such a manner as to keep fence tight at all times.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5 (or referenced in approved SOP), a detailed Interim and Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. If Reclamation Plan is acceptable, the AO will provide written approval or concurrence within 30 calendar days of receipt.

Interim Reclamation:

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

Seed mix:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirreltail grass	<i>Elymus elymoides</i>	3.0	¼ - ½"
Siberian wheatgrass	<i>Agropyron fragile</i>	1.0	½"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	½"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	½"
Gardner's saltbush	<i>Atriplex gardneri</i>	0.50	½"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	⅛ - ¼"
Forage Kochia	<i>Kochia prostrata</i>	0.10	⅛ - ¼"

- All pounds are pure live seed.
 - All seed and mulch will be certified weed free.
 - Rates are set for drill seeding; double rate if broadcasting.
 - Reseeding may be required if initial seeding is not successful.
- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.

Final reclamation:

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

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

SITE SPECIFIC DOWNHOLE COAs:

- 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.

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

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

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

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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: SO MON BUTTE FED G-1-9-16

Api No: 43-013-33964 Lease Type: FEDERAL

Section 01 Township 09S Range 16E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 21

SPUDDED:

Date 08/16/08

Time 8:30 AM

How DRY

Drilling will Commence: _____

Reported by ALVIN NIELSEN

Telephone # (435) 823-7468

Date 08/18/08 Signed CHD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include area code)
 435.646.3721

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

 SENW Section 1 T9S R16E

5. Lease Serial No.
 USA UTU-72103

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
 S MON BUTTE UNIT

8. Well Name and No.
 S MON BT FED G-1-9-16

9. API Well No.
 4301333964

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

11. County or Parish, State
 UTAH, 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 8/16/08 MIRU Ross Rig # 21. Spud well @ 8:30 AM. Drill 330' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 336.74 KB On 8/18/08 cement with 160 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 5 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Alvin Nielsen	Title Drilling Foreman
Signature 	Date 08/19/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

(Instructions on page 2)

RECEIVED
AUG 20 2008
 DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 336.74

LAST CASING 8 5/8" SET AT 336.74'
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 330' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
 WELL South Monument Butte G-1-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Ross Rig # 21

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 39.92'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	324.89
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			326.74
TOTAL LENGTH OF STRING		326.74	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			336.74
TOTAL		324.89	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		324.89	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.	Spud	8/16/2008	8:30 AM	GOOD CIRC THRU JOB <u>YES</u>			
CSG. IN HOLE		8/16/2008	2:30 PM	Bbls CMT CIRC TO SURFACE <u>5</u>			
BEGIN CIRC		8/18/2008	11:07 AM	RECIPROCATED PIPE FOR <u>N/A</u>			
BEGIN PUMP CMT		8/18/2008	11:15 AM				
BEGIN DSPL. CMT		8/18/2008	11:30 AM	BUMPED PLUG TO <u>144</u> PSI			
PLUG DOWN		8/18/2008	11:36 AM				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third for 3							

COMPANY REPRESENTATIVE Alvin Nielsen DATE 8/19/2008

RECEIVED

AUG 20 2008

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

DIV. OF OIL, GAS & MINING

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

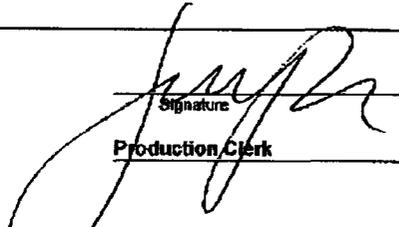
OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
B	99999	13195	4301333964	SOUTH MON BUTTE FEDERAL G-1-9-16	SENW	1	9S	16E	DUCHESNE	8/16/2008	8/25/08
WELL 1 COMMENTS: GRUV BHL = SENW											
A	99999	17039	4304739422	FEDERAL 16-19-9-18	SESE	19	9S	18E	UINTAH	8/7/2008	8/25/08
GRUV											
B	99999	12418	4301333983	WEST POINT FEDERAL Q-7-9-16	SWSW	7	9S	16E	DUCHESNE	8/20/2008	8/25/08
GRUV BHL = NESW											
C	16804	12419	4301332951	ASHLEY 16-25-9-15	SESE	25	9S	15E	DUCHESNE	4/12/2008	8/25/08
GRUV per BLM eff 5/1/08											
C	16806	12419	4301333604	ASHLEY 1-27-9-15	NWNW NENE	26 25	9S	15E	DUCHESNE	4/15/2008	8/25/08
WELL 5 COMMENTS: GRUV BHL Sec 27 NENE per BLM eff 5/1/08											
WELL 5 COMMENTS:											

ACTION CODES (See Instructions on back of form)

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

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


 Signature _____ Jenri Park
 Production Clerk
 Date 08/20/08

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
435.646.3721

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

SENW Section 1 T9S R16E

5. Lease Serial No.

USA UTU-72103

6. If Indian, Allottee or Tribe Name.

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

S MON BUTTE UNIT

8. Well Name and No.

S MON BT FED G-1-9-16

9. API Well No.

4301333964

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

UINTAH, 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	Weekly Status Report _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

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

On 8/23/08 MIRU NDSI Rig #2. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & BOP's to 2,000 psi. Test 8-5/8" csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. Pick up BHA and tag cement @ 296'. Drill out cement & shoe. Drill a 7-7/8" hole with fresh water to a measured depth of 6246'. Lay down drill string & BHA. Ran a single pass open hole triple combo log from TD to surface. Pick up & trip in hole with guide shoe, shoe jt, float collar, 146 jt's of 5-1/2" J-55, 15.5# casing. Set @ 6236.17' KB. Cemented with a lead cement of 350 sks mixed @ 11.0 ppg & 3.49 yld followed by a tail cement of 450 sks mixed @ 14.4 ppg & 1.24 yld. Returned 50 bbl cmt to surface. Nipple down BOP's. Set slips @ 100,000 #'s tension. Release rig @ 6:00 PM on 8/29/08.

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

Sean Stevens

Signature

Title

Petroleum Engineer

Date

08/30/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____

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

Title

Date

Office

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

(Instructions on page 2)

RECEIVED

SEP 04 2008

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

_____ **5 1/2"** CASING SET AT _____ **6236.17**

LAST CASING 8 5/8" SET @ 336.74
 DATUM 12
 DATUM TO CUT OFF CASING 12
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 6246 LOGGER _____
 HOLE SIZE 7 7/8"

Flt cllr @ 5487'
 OPERATOR Newfield Production Company
 WELL SMB G-1-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI # 2

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt @ 6.34'@3778'					
146	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	6223.88
							0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	42.41
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6281.54
TOTAL LENGTH OF STRING		5532.49	124	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		385.44	9	CASING SET DEPTH			6236.17
TOTAL		5891.85	156	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		5891.85	156				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		7:00 AM	8/29/2008	GOOD CIRC THRU JOB <u>yes</u>			
CSG. IN HOLE		11:00 AM	8/29/2008	Bbls CMT CIRC TO SURFACE _____			
BEGIN CIRC		11:48 AM	8/29/2008	RECIPROCATED PIPE FOR _____ THRU _____ FT STROKE			
BEGIN PUMP CMT		11:59 AM	8/29/2008	DID BACK PRES. VALVE HOLD ? <u>yes</u>			
BEGIN DSPL. CMT		12:54 PM	8/29/2008	BUMPED PLUG TO _____ 1850 _____ PSI			
PLUG DOWN		1:18 PM	8/29/2008				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	350	Premlite II w/ 10% gel + 3 % KCL, 3#'s /sk CSE + 2# sk/kolseal + 1/2#'s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2	450	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Johnny Davis DATE 8/28/2008

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

5. LEASE DESIGNATION AND SERIAL NUMBER:

USA UTU-72103

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

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

7. UNIT or CA AGREEMENT NAME:

S MON BUTTE UNIT

1. TYPE OF WELL:

OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:

S MON BT FED G-1-9-16

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

9. API NUMBER:

4301333964

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER

435.646.3721

10. FIELD AND POOL, OR WILDCAT:

MONUMENT BUTTE

4. LOCATION OF WELL:

FOOTAGES AT SURFACE:

COUNTY: UINTAH

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENW, 1, T9S, R16E

STATE: UT

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

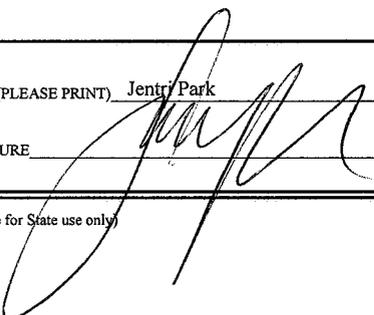
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY 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: 10/09/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The above subject well was completed on 09-24-08, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentry Park

TITLE Production Clerk

SIGNATURE 

DATE 10/09/2008

(This space for State use only)

RECEIVED

OCT 16 2008

DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

S MON BT FED G-1-9-16**7/1/2008 To 11/30/2008****9/12/2008 Day: 1****Completion**

Rigless on 9/11/2008 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6139' cement top @ 24'. Perforate stage #1. CP5 sds @ 6062- 72' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 40 shots. 147 BWTR. SIFN.

9/18/2008 Day: 2**Completion**

Rigless on 9/17/2008 - Stage #1 CP5 sds. RU BJ Services. 28 psi on well. Frac CP5 sds w/ 30,582#'s of 20/40 sand in 425 bbls of Lightning 17 fluid. Broke @ 3259 psi. Treated w/ ave pressure of 2124 psi w/ ave rate of 21.2 BPM. ISIP 1956 psi. Leave pressure on well. 572 BWTR. Stage #2 CP3 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 8' perf gun. Set plug @ 5940'. Perforate CP3 sds @ 4968-76' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 32 shots. RU BJ Services. 1540 psi on well. Frac CP3 sds w/ 45,555#'s of 20/40 sand in 465 bbls of Lightning 17 fluid. Broke @ 1742 psi. Treated w/ ave pressure of 1725 psi w/ ave rate of 22.3 BPM. ISIP 1772 psi. Leave pressure on well. 1037 BWTR. Stage #3 A1 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 12' perf gun. Set plug @ 5500'. Perforate A1 sds @ 5388-5400' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 48 shots. SWIFN.

9/19/2008 Day: 3**Completion**

Rigless on 9/18/2008 - Stage #3 A1 sds. RU BJ Services. 1210 psi on well. Frac A1 sds w/ 45,735#'s of 20/40 sand in 452 bbls of Lightning 17 fluid. Broke @ 1841 psi. Treated w/ ave pressure of 1841 psi w/ ave rate of 22.3 BPM. ISIP 1967 psi. Leave pressure on well. 1489 BWTR. Stage #4 B2 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 20' perf gun. Set plug @ 5250'. Perforate B2 sds @ 5190-5210' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 80 shots. RU BJ Services. 1670 psi on well. Frac B2 sds w/ 55,539#'s of 20/40 sand in 493 bbls of Lightning 17 fluid. Broke @ 1950 psi. Treated w/ ave pressure of 1702 psi w/ ave rate of 22.3 BPM. ISIP 1945 psi. Leave pressure on well. 1982 BWTR. Stage #5 C sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 8' perf gun. Set plug @ 5090'. Perforate C sds @ 5058-66' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 32 shots. RU BJ Services. 1675 psi on well. Frac C sds w/ 25,121#'s of 20/40 sand in 380 bbls of Lightning 17 fluid. Broke @ 3200 psi. Treated w/ ave pressure of 2264 psi w/ ave rate of 22.3 BPM. ISIP 2721 psi. Leave pressure on well. 2362 BWTR. Stage #6 D2 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 8' perf gun. Set plug @ 5000'. Perforate D2 sds @ 4968-76' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 32 shots. RU BJ Services. 1565 psi on well. Frac D2 sds w/ 25,324#'s of 20/40 sand in 356 bbls of Lightning 17 fluid. Broke @ 1888 psi. Treated w/ ave pressure of 2072 psi w/ ave rate of 22.3 BPM. ISIP 1963 psi. Leave pressure on well. 2718 BWTR.

Stage #7 GB6 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 12' perf gun. Set plug @ 4500'. Perforate G 6sds @ 4406-18' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 48 shots. RU BJ Services. 1610 psi on well. Frac GB6 sds w/ 27,816#'s of 20/40 sand in 374 bbls of Lightning 17 fluid. Broke @ 1897 psi. Treated w/ ave pressure of 2359 psi w/ ave rate of 22.2 BPM. ISIP 2078 psi. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 9 hrs. & started flowing oil. Recovered 1080 bbls. SWIFN.

9/20/2008 Day: 4

Completion

Western #4 on 9/19/2008 - Spot service unit. Noticed a crack in derrick substructure (down for welding). Bleed well off to pit. After 30 minutes still flowing oil. SI & RU WLT, crane & lubricator. RIH W/ Weatherford 5 1/2" solid composite bridge plug. Set plug @ 4229'. Bleed pressure off to pit & SI. RD WLT. Est 2012 BWTR.

9/23/2008 Day: 5

Completion

Western #4 on 9/22/2008 - RU Western #4. ND Cameron BOP & 5M frac head. Install 3M production tbg head & NU Weatherford Schaeffer BOP. Talley, drift, PU & TIH W/ used Weatherford 4 3/4" "Chomp" bit, bit sub & new 2 7/8" 8rd 6.5# J-55 tbg. Tag plug @ 4229'. RU power swivel. Drill out solid composite bridge plug using conventional circulation. Circ hole W/ clean wtr. Con't C/O sd & drill out composite plugs as follows: no sd, plug @ 4500' in 16 minutes; no sd, plug @ 5000' in 40 minutes; no sd, plug @ 5090' in 30 minutes. Circ hole clean. Gained est 220 BTF during cleanout. Hang back swivel & SIFN W/ EOT @ 5118'. Est 1792 BWTR.

9/24/2008 Day: 6

Completion

Western #4 on 9/23/2008 - Bleed pressure off well. Rec est 30 BTF (some oil). Circ hole W/ clean wtr. TIH W/ bit & tbg f/ 5118'. Tag fill @ 5188'. Con't C/O sd & drill out composite plugs as follows (using conventional circulation): sd @ 5188', plug @ 5250' in 19 minutes; sd @ 5465', plug @ 5500' in 18 minutes; no sd, plug @ 5940' in 24 minutes. Con't swivelling jts in hole. Tag fill @ 6077'. Drill plug remains & sd to PBD @ 6193'. Circ hole clean. Gained add'l 50 BTF during cleanout. RD swivel & pull EOT to 6104'. RU swab equipment. Made 4 swb runs rec 70 BTF. Well began flowing. Flowed for 3 hrs rec 140 BTF W/ no sd & est 20% oil cut. SIFN W/ est 1502 BWTR.

9/25/2008 Day: 7

Completion

Western #4 on 9/24/2008 - Bleed pressure off well. Flowing sporadically. RU & circ well W/ clean wtr. Well is static. TIH W/ bit and tbg f/ 6104'. Tag PBD @ 6193' (no new fill). LD excess tbg. TOH W/ tbg--LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 1 jt tbg, SN, 1 jt tbg, new CDI 5 1/2" TA (45K) & 195 jts 2 7/8 8rd 6.5# J-55 tbg. Well trying to flow--circ hole again. ND BOP. Set TA @ 6017' W/ SN @ 6050' & EOT @ 6083'. Land tbg W/ 16,000# tension. NU wellhead. Flush tbg W/ 60 bbls clean wtr (returned same amount). PU & TIH W/ pump and "A" grade rod string as follows: new CDI 2 1/2" X 1 3/4" X 20' RHAC pump, shear cplg (21K), 4-1 1/2" weight rods, 237-7/8 scraped rods (Norris 78 W/ 8 scrapers/rod), 1-8', 1-6' & 1-4' X 7/8" pony rods and 1 1/2" X 26' polished rod. Seat pump & RU pumping unit. W/ tbg full, pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 1502 BWTR. Place well on production @ 6:00 PM 9/24/2008 W/ 122" SL @ 5.5 SPM. FINAL REPORT!!

Pertinent Files: Go to File List

(See other instructions on reverse side)

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

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

5. LEASE DESIGNATION AND SERIAL NO.

UTU-72103

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

1a. TYPE OF WORK

OIL WELL GAS WELL DRY Other _____

1b. TYPE OF WELL

NEW WELL WORK OVER DEEPEN PLUG BACK DIFF RESVR. Other _____

7. UNIT AGREEMENT NAME

FEDERAL

8. FARM OR LEASE NAME, WELL NO.

SOUTH MONUMENT FEDERAL G-1-9-16

9. WELL NO.

43-013-33964

10. FIELD AND POOL OR WILDCAT

Monument Butte

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

Sec. 1, T9S, R16E

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

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

At Surface 2076' FNL & 2024' FWL (SE/NW) Sec. 1, T9S, R16E

At top prod. Interval reported below

At total depth

12903 fnl 1209 fw1

per HSM review

14. API NO. 43-013-33964

DATE ISSUED 2/28/08

12. COUNTY OR PARISH Duchesne

13. STATE UT

15. DATE SPUNDED 8/16/08

16. DATE T.D. REACHED 8/29/08

17. DATE COMPL. (Ready to prod.) 9/24/08

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5404' GL

5416' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6246' 6125

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

6193' 6072

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY ----->

ROTARY TOOLS X

CABLE TOOLS

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

Green River 4406-6072'

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

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

27. WAS WELL CORED

No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	336.74'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6236.17'	7-7/8"	350 sx Premlite II and 450 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @	TA @
						6083'	6017'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
(CP5) 6062-6072'	.49"	4/40	6062-6072'	c w/ 30582# 20/40 sand in 425 bbls Lightning 17 f
(CP3) 5888-5904'	.49"	4/32	5888-5904'	Frac w/ 45555# 20/40 sand in 465 bbls fluid
(A1) 5388-5400'	.49"	4/48	5388-5400'	Frac w/ 45735# 20/40 sand in 452 bbls fluid
(B2) 5190-5210'	.49"	4/80	5190-5210'	Frac w/ 55539# 20/40 sand in 493 bbls fluid
(C) 5058-5066'	.49"	4/32	5058-5066'	Frac w/ 25121# 20/40 sand in 380 bbls fluid
(D2) 4968-4976'	.49"	4/32	4968-4976'	Frac w/ 25324# 20/40 sand in 356 bbls fluid
(GB6) 4406-4418'	.49"	4/48	4406-4418'	Frac w/ 27816# 20/40 sand in 374 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)					
9/24/08	2-1/2" x 1-3/4" x 20' RHAC Pump w/ SM Plunger	PRODUCING					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
9/24/08			----->	20	7	13	350
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
		----->					

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

Sold & Used for Fuel

RECEIVED

35. LIST OF ATTACHMENTS

OCT 21 2008

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

SIGNED Tammi Lee

TITLE Production Clerk DIV. OF OIL, GAS & MINING 10/17/2008

Tammi Lee

TL

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			<p style="text-align: center;">Well Name South Monument Butte Federal G-1-9-16</p>

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Garden Gulch Mkr	3826'		
Garden Gulch 1	4036		
Garden Gulch 2	4160'		
Point 3 Mkr	4432'		
X Mkr	4690'		
Y-Mkr	4726'		
Douglas Creek Mkr	4856'		
BiCarbonate Mkr	5107'		
B Limestone Mkr	5246'		
Castle Peak	5718'		
Basal Carbonate	6154'		
Total Depth (LOGGERS)	6245'		



**Scientific
Drilling**

Directional Survey Certification

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

Operator	<u>Newfield Exploration Co.</u>
Well Name & No.	<u>South Monument Butte G-1-9-16</u>
County & State	<u>Duchesne County, UT</u>
SDI Job No.	<u>42DEF0808699</u>
Rig	<u>NDSI 2</u>

I, Julie Cruse, having personal knowledge of all the facts, hereby certify that the attached directional survey run from a measured depth of 386 feet to a measured depth of 6246 feet is true and correct as determined from all available records.

Julie Cruse
Signature

22-Sep-08

Date

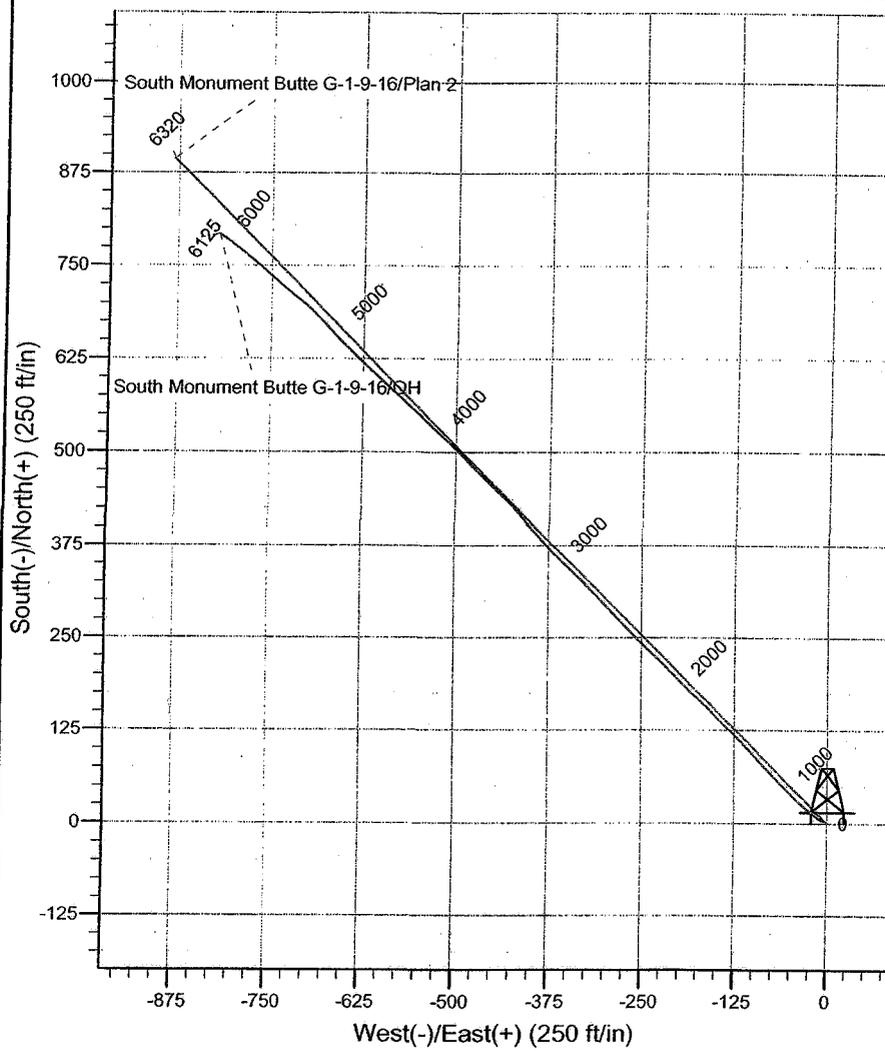
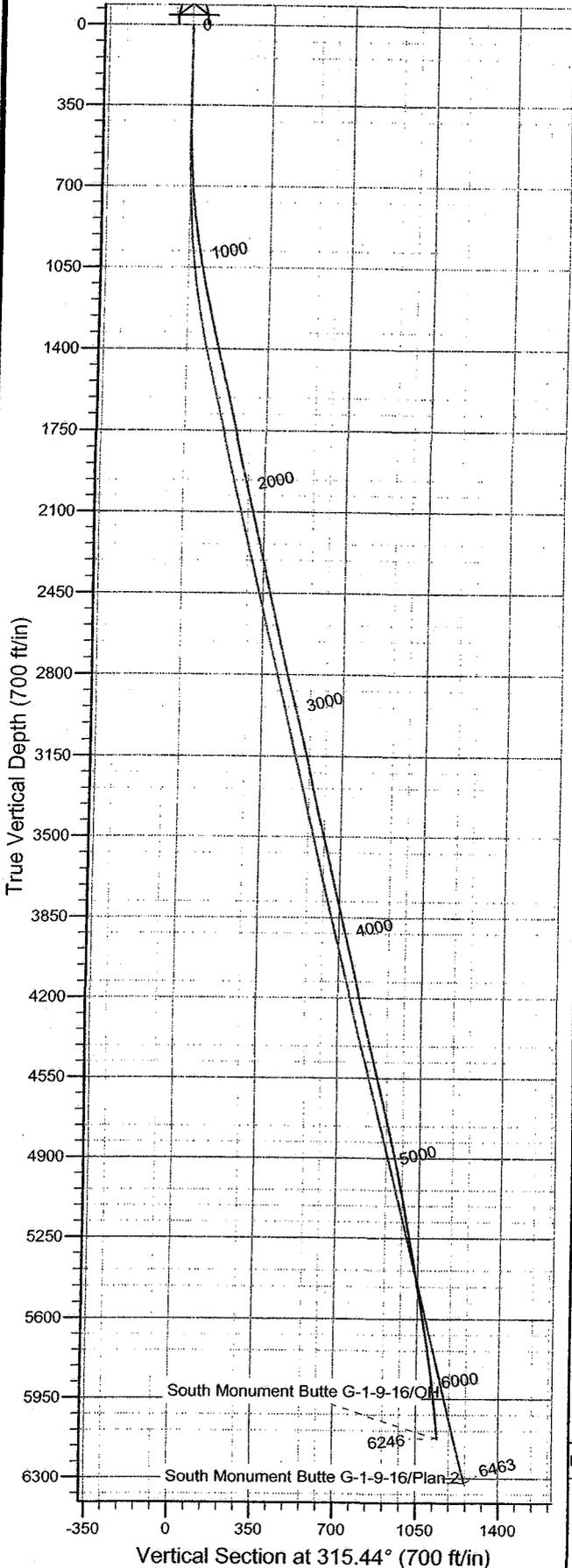
Julie Cruse
Rockies Region Engineer
Scientific Drilling - Rocky Mountain District



Scientific Drilling
Rocky Mountain Operations

Project: Duchesne County, UT NAD83 UTC
Site: South Monument Butte
Well: South Monument Butte G-1-9-16
Wellbore: OH
Design: OH

Newfield Exploration Co.



WELL DETAILS: South Monument Butte G-1-9-16

Ground Level: GL 5404' & RKB 12' @ 5416.00ft (NDSI 2)						
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	7194312.72	2040642.53	40° 3' 41.140 N	110° 4' 11.970 W	

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well South Monument Butte G-1-9-16, True No
Vertical (TVD) Reference: GL 5404' & RKB 12' @ 5416.00ft (NDSI 2)
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: GL 5404' & RKB 12' @ 5416.00ft (NDSI 2)
Calculation Method: Minimum Curvature
Local North: True
Location:

PROJECT DETAILS: Duchesne County, UT NAD83 UTC Design: OH (South Monument Butte G-1-9-16/OH)

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

Created By: Laura Turner Date: 2008-09-1

Newfield Exploration Co.

Duchesne County, UT NAD83 UTC

South Monument Butte

South Monument Butte G-1-9-16

OH

Design: OH

Standard Survey Report

17 September, 2008

Scientific Drilling

Survey Report

Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: South Monument Butte
Well: South Monument Butte G-1-9-16
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well South Monument Butte G-1-9-16
TVD Reference: GL 5404' & RKB 12' @ 5416.00ft (NDSI 2)
MD Reference: GL 5404' & RKB 12' @ 5416.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Multi User Db

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

Site	South Monument Butte,				
Site Position:		Northing:	7,191,754.62 ft	Latitude:	40° 3' 16.690 N
From:	Lat/Long	Easting:	2,035,361.28 ft	Longitude:	110° 5' 20.410 W
Position Uncertainty:	0.00 ft	Slot Radius:	0.000 in	Grid Convergence:	0.90 °

Well	South Monument Butte G-1-9-16, 2076' FNL 2024' FWL Sec 1 T9S R16E					
Well Position	+N/-S	0.00 ft	Northing:	7,194,312.72 ft	Latitude:	40° 3' 41.140 N
	+E/-W	0.00 ft	Easting:	2,040,642.53 ft	Longitude:	110° 4' 11.970 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,404.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2008-08-19	11.67	65.89	52,584

Design	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	315.44	

Survey Program	Date 2008-09-17				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
386.00	6,246.00	Survey #1 (OH)	MWD	MWD - Standard	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
386.00	0.17	274.92	386.00	0.05	-0.57	0.44	0.04	0.04	0.00	
First MWD Survey										
417.00	0.39	339.54	417.00	0.15	-0.65	0.57	1.14	0.71	208.45	
448.00	0.43	325.39	448.00	0.35	-0.76	0.78	0.35	0.13	-45.65	
478.00	0.88	292.56	478.00	0.53	-1.03	1.10	1.90	1.50	-109.43	
509.00	1.29	298.92	508.99	0.79	-1.56	1.65	1.38	1.32	20.52	
541.00	1.95	294.21	540.98	1.19	-2.37	2.51	2.10	2.06	-14.72	
573.00	2.29	297.86	572.96	1.71	-3.43	3.62	1.14	1.06	11.41	
604.00	2.87	297.58	603.92	2.36	-4.67	4.95	1.87	1.87	-0.90	
636.00	3.40	300.42	635.88	3.21	-6.20	6.63	1.73	1.66	8.87	
668.00	3.94	302.01	667.81	4.27	-7.95	8.62	1.72	1.69	4.97	
700.00	4.57	304.11	699.72	5.57	-9.93	10.94	2.03	1.97	6.56	

Scientific Drilling

Survey Report

Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: South Monument Butte
Well: South Monument Butte G-1-9-16
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well South Monument Butte G-1-9-16
TVD Reference: GL 5404' & RKB 12' @ 5416.00ft (NDSI 2)
MD Reference: GL 5404' & RKB 12' @ 5416.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Multi User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
731.00	5.28	306.59	730.61	7.11	-12.10	13.56	2.39	2.29	8.00
763.00	5.83	307.70	762.46	8.98	-14.57	16.62	1.75	1.72	3.47
795.00	6.65	308.37	794.27	11.13	-17.31	20.07	2.57	2.56	2.09
827.00	7.46	308.29	826.02	13.56	-20.39	23.97	2.53	2.53	-0.25
858.00	7.90	307.52	856.75	16.11	-23.66	28.08	1.46	1.42	-2.48
890.00	7.88	307.24	888.44	18.78	-27.15	32.43	0.14	-0.06	-0.87
922.00	8.32	310.07	920.12	21.59	-30.67	36.90	1.86	1.37	8.84
953.00	8.78	311.47	950.78	24.60	-34.16	41.50	1.63	1.48	4.52
985.00	9.41	314.40	982.38	28.05	-37.86	46.55	2.44	1.97	9.16
1,017.00	9.80	315.24	1,013.93	31.82	-41.64	51.89	1.30	1.22	2.62
1,049.00	10.26	315.27	1,045.44	35.77	-45.57	57.46	1.44	1.44	0.09
1,080.00	11.07	314.80	1,075.90	39.83	-49.62	63.20	2.63	2.61	-1.52
1,112.00	11.70	315.11	1,107.27	44.30	-54.09	69.52	1.98	1.97	0.97
1,144.00	12.02	314.59	1,138.59	48.93	-58.76	76.09	1.05	1.00	-1.62
1,175.00	12.21	315.30	1,168.90	53.53	-63.36	82.60	0.78	0.61	2.29
1,207.00	12.49	316.41	1,200.16	58.44	-68.13	89.44	1.15	0.87	3.47
1,239.00	12.61	316.50	1,231.40	63.48	-72.92	96.39	0.38	0.37	0.28
1,271.00	12.65	316.73	1,262.62	68.57	-77.72	103.39	0.20	0.12	0.72
1,302.00	12.76	316.45	1,292.86	73.52	-82.41	110.21	0.41	0.35	-0.90
1,334.00	13.14	316.72	1,324.05	78.73	-87.34	117.38	1.20	1.19	0.84
1,366.00	13.37	316.81	1,355.20	84.07	-92.36	124.71	0.72	0.72	0.28
1,398.00	13.45	316.05	1,386.32	89.45	-97.48	132.13	0.60	0.25	-2.37
1,429.00	13.55	316.64	1,416.47	94.69	-102.47	139.37	0.55	0.32	1.90
1,524.00	13.71	315.49	1,508.79	110.81	-118.01	161.75	0.33	0.17	-1.21
1,619.00	13.50	317.21	1,601.13	126.97	-133.43	184.09	0.48	-0.22	1.81
1,715.00	13.46	314.10	1,694.48	142.97	-149.07	206.46	0.76	-0.04	-3.24
1,810.00	13.46	313.17	1,786.87	158.23	-165.07	228.56	0.23	0.00	-0.98
1,905.00	13.46	315.27	1,879.26	173.65	-180.91	250.67	0.51	0.00	2.21
2,000.00	12.17	314.68	1,971.90	188.55	-195.82	271.74	1.36	-1.36	-0.62
2,095.00	13.46	316.25	2,064.53	203.57	-210.58	292.81	1.41	1.36	1.65
2,190.00	12.54	313.53	2,157.09	218.66	-225.71	314.17	1.16	-0.97	-2.86
2,285.00	12.58	313.66	2,249.82	232.91	-240.67	334.82	0.05	0.04	0.14
2,380.00	13.15	313.78	2,342.44	247.53	-255.96	355.96	0.60	0.60	0.13
2,475.00	12.91	318.04	2,434.99	262.90	-270.85	377.36	1.04	-0.25	4.48
2,570.00	12.93	318.00	2,527.59	278.69	-285.06	398.58	0.02	0.02	-0.04
2,665.00	12.11	314.27	2,620.33	293.54	-299.31	419.17	1.21	-0.86	-3.93
2,760.00	12.50	318.46	2,713.15	308.19	-313.26	439.40	1.03	0.41	4.41
2,856.00	14.14	315.70	2,806.56	324.36	-328.34	461.50	1.83	1.71	-2.87
2,951.00	14.89	313.75	2,898.53	341.11	-345.26	485.30	0.94	0.79	-2.05
3,046.00	13.77	314.15	2,990.57	357.43	-362.19	508.81	1.18	-1.18	0.42
3,140.00	14.68	319.84	3,081.69	374.32	-377.90	531.87	1.77	0.97	6.05
3,236.00	12.42	316.29	3,175.02	391.08	-392.88	554.32	2.51	-2.35	-3.70
3,321.00	12.00	321.51	3,258.10	404.61	-404.70	572.25	1.39	-0.49	6.14
3,415.00	12.44	318.90	3,349.97	419.89	-417.44	592.07	0.75	0.47	-2.78
3,510.00	14.15	312.89	3,442.42	435.50	-432.67	613.89	2.31	1.80	-6.33
3,605.00	13.42	315.82	3,534.69	451.31	-448.87	636.52	1.06	-0.77	3.08
3,700.00	13.60	314.73	3,627.06	467.08	-464.48	658.71	0.33	0.19	-1.15
3,795.00	12.89	315.26	3,719.53	482.46	-479.88	680.47	0.76	-0.75	0.56
3,891.00	12.49	316.09	3,813.19	497.55	-494.61	701.56	0.46	-0.42	0.86
3,986.00	13.28	313.09	3,905.79	512.40	-509.71	722.74	1.09	0.83	-3.16
4,081.00	12.36	312.35	3,998.42	526.71	-525.19	743.79	0.98	-0.97	-0.78
4,176.00	13.73	314.70	4,090.97	541.49	-540.72	765.22	1.55	1.44	2.47
4,271.00	12.23	312.63	4,183.54	556.23	-556.14	786.54	1.65	-1.58	-2.18
4,366.00	12.86	311.48	4,276.27	570.05	-571.46	807.14	0.71	0.66	-1.21

Scientific Drilling

Survey Report

Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: South Monument Butte
Well: South Monument Butte G-1-9-16
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well South Monument Butte G-1-9-16
TVD Reference: GL 5404' & RKB 12' @ 5416.00ft (NDSI 2)
MD Reference: GL 5404' & RKB 12' @ 5416.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Multi User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,461.00	13.46	313.00	4,368.78	584.59	-587.47	828.73	0.73	0.63	1.60
4,556.00	12.07	313.15	4,461.43	598.93	-602.80	849.70	1.46	-1.46	0.16
4,652.00	12.66	313.01	4,555.20	612.97	-617.82	870.24	0.62	0.61	-0.15
4,747.00	12.94	311.58	4,647.84	627.13	-633.38	891.26	0.45	0.29	-1.51
4,842.00	12.70	314.17	4,740.47	641.47	-648.83	912.31	0.66	-0.25	2.73
4,937.00	12.47	318.95	4,833.19	656.48	-663.06	932.99	1.12	-0.24	5.03
5,032.00	10.96	315.54	4,926.21	670.66	-676.12	952.26	1.75	-1.59	-3.59
5,127.00	10.76	315.50	5,019.51	683.43	-688.66	970.16	0.21	-0.21	-0.04
5,223.00	9.78	313.25	5,113.97	695.41	-700.88	987.27	1.10	-1.02	-2.34
5,318.00	9.79	306.34	5,207.59	705.72	-713.26	1,003.31	1.24	0.01	-7.27
5,410.24	10.46	307.62	5,298.39	715.48	-726.21	1,019.34	0.77	0.73	1.39
SMB G-1-9-16 Target									
5,413.00	10.48	307.66	5,301.11	715.79	-726.61	1,019.84	0.77	0.73	1.30
5,508.00	9.99	311.86	5,394.60	726.57	-739.59	1,036.63	0.94	-0.52	4.42
5,603.00	9.03	312.16	5,488.29	737.07	-751.25	1,052.29	1.01	-1.01	0.32
5,699.00	9.95	310.77	5,582.98	747.54	-763.12	1,068.08	0.99	0.96	-1.45
5,794.00	9.10	309.51	5,676.67	757.68	-775.13	1,083.73	0.92	-0.89	-1.33
5,889.00	8.73	309.44	5,770.52	767.04	-786.49	1,098.38	0.39	-0.39	-0.07
5,984.00	7.71	307.86	5,864.54	775.53	-797.09	1,111.86	1.10	-1.07	-1.66
6,079.00	6.73	307.13	5,958.79	782.80	-806.56	1,123.69	1.04	-1.03	-0.77
6,174.00	5.70	305.33	6,053.23	788.89	-814.85	1,133.84	1.10	-1.08	-1.89
6,192.00	5.42	304.30	6,071.14	789.89	-816.28	1,135.56	1.65	-1.56	-5.72
6,246.00	5.42	304.30	6,124.90	792.76	-820.49	1,140.56	0.00	0.00	0.00

Projection to TD

Targets

Target Name

- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
SMB G-1-9-16 PBHL - actual wellpath misses target center by 235.07ft at 6246.00ft MD (6124.90 TVD, 792.76 N, -820.49 E) - Circle (radius 75.00)	0.00	0.00	6,320.00	721.45	-710.45	7,195,022.72	2,039,920.64	40° 3' 48.270 N	110° 4' 21.108 W
SMB G-1-9-16 Target - actual wellpath misses target center by 16.93ft at 5410.24ft MD (5298.39 TVD, 715.48 N, -726.21 E) - Circle (radius 75.00)	0.00	0.00	5,300.00	721.45	-710.45	7,195,022.72	2,039,920.64	40° 3' 48.270 N	110° 4' 21.108 W

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
386.00	386.00	0.05	-0.57	First MWD Survey
6,246.00	6,124.90	792.76	-820.49	Projection to TD

Checked By: _____ Approved By: _____ Date: _____