

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
UTU-67170

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA Agreement, Name and No.
Monument Butte NE

8. Lease Name and Well No.
Mon. Butte NE Federal Q-24-8-16

9. API Well No.
43013-3371

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
Sec. 24, T8S R16E

12. County or Parish
Duchesne

13. State
UT

1a. Type of Work: DRILL REENTER

1b. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone

2. Name of Operator
Newfield Production Company

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

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

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface **SE/SW 644' FSL 1966' FWL**
At proposed prod. zone **1324' FSL 1323' FWL**

14. Distance in miles and direction from nearest town or post office*
Approximatley 12.0 miles southwest of Myton, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1323' f/lse, 1323' f/unit

16. No. of Acres in lease
1,879.869

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. 1321'

19. Proposed Depth
6275'

20. BLM/BIA Bond No. on file
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5430' GL

22. Approximate date work will start*
4th Quarter 2006

23. Estimated duration
Approximately seven (7) days from spud to rig release.

24. Attachments

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

- 1. Well plat certified by a registered surveyor.
- 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).
- 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 *Mandi Crozier* Name (Printed/Typed) **Mandie Crozier** Date **8/8/06**
Title **Regulatory Specialist**

Approved by (Signature) *Bradley G. Hill* Name (Printed/Typed) **BRADLEY G. HILL** Date **08-28-06**
Title **ENVIRONMENTAL MANAGER**

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

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

*(Instructions on reverse)

Surf
579326X
4438807Y
40.047
110.069881

Federal Approval of this Action is Necessary

BHL 579128X
4439068Y
40.047
110.071085

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BUREAU OF OIL, GAS & MIN.

NEWFIELD



ROCKY MOUNTAINS

August 22, 2006

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

Re: Directional Drilling R649-3-11; Monument Butte NE Area
BLM Lease #s U-67170 (surface & bottomhole), Duchesne Co., UT
✓ **Mon. Butte NE Q-24-8-16**; 644' FSL, 1966' FWL (at surface)
1324' FSL, 1323' FWL (bottomhole)
Section 24-T8S-R16E
Mon. Butte NE Q-25-8-16; 533' FSL, 1976' FWL (at surface)
1316' FSL, 1320' FWL (bottomhole)
Mon. Butte NE H-25-8-16; 740' FNL, 1958' FWL (at surface)
1320' FNL, 2644' FWL (bottomhole)
Mon. Butte NE C-25-8-16; 667' FNL, 1999' FEL (at surface)
0' FNL, 2637' FEL (bottomhole)
Section 25-T8S-R16E

Dear Ms. Whitney:

Pursuant to the filing of Newfield Production Company's (hereinafter "NPC") Applications for Permit to Drill dated 08/08/06 (copies enclosed herewith) which concern the wells referenced above, NPC is hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to Directional Drilling.

These drillsite locations are located on Federal Lease #U-67170. NPC is permitting these wells as directional wells in order to minimize surface disturbance. Locating the wells at the surface location and directionally drilling from these locations, NPC will be able to utilize the existing roads and pipelines in the area.

Furthermore, NPC hereby certifies that it is the owner of 100% of the working interest in all of the lands covered by U-67170 and all lands within 460 feet of the entire directional well bores.

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DIV. OF OIL, GAS & MINING

Ms. Diana Whitney
August 22, 2006
Page Two

Therefore, based on the above stated information NPC requests that the permits be granted pursuant to R649-3-11. Thank you for your consideration in this matter.

Sincerely,

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

Rhonda Deimer
Land Associate



August 8, 2006

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

RE: Applications for Permit to Drill 20 Acre Infills

Mon. Butte NE Fed. Q-24-8-16

Mon. Butte NE Fed. C-25-8-16

Mon. Butte NE Fed. H-25-8-16

Mon. Butte NE Fed. Q-25-8-16

Hawkeye Fed. H-26-8-16

Dear Diana:

Enclosed find APD's on the above referenced wells. All of the proposed wells will be drilled directionally off of existing well pads. Our Land Department will send you the required Directional Drill Letters. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

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DIV. OF OIL, GAS & MINING

**NEWFIELD PRODUCTION COMPANY
MON. BUTTE NE FEDERAL #Q-24-8-16
AT SURFACE: SE/SW SECTION 24, T8S, 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' – 2645'
Green River	2645'
Wasatch	6275'

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

Green River Formation 2645' – 6275' - 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
MON. BUTTE NE FEDERAL #Q-24-8-16
AT SURFACE: SE/SW SECTION 24, T8S, 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 Mon. Butte NE Federal #Q-24-8-16 located in the SE 1/4 SW 1/4 Section 24, T8S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles ± to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 – 8.5 miles ± to it's junction with an existing dirt road to the southwest; proceed southwesterly – 1.3 miles ± to it's junction with an existing road to the east; proceed easterly – 0.6 miles ± to the existing Mon. Butte Fed. 14-24-8-16 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 Mon. Butte Fed. 14-24-8-16 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 Mon. Butte Fed. 14-24-8-16 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Mon. Butte NE Federal Q-24-8-16.

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

6. SOURCE OF CONSTRUCTION MATERIALS

The proposed Mon. Butte NE Federal Q-24-8-16 will be drilled off of the existing Mon. Butte Fed. 14-24-8-16 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 1,040' of disturbed area in Lease UTU-67170 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. Refer to Topographic Map "C." For a ROW plan of development, please refer to the Monument Butte Field SOP

Water Disposal

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

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

Threatened, Endangered, And Other Sensitive Species

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

Burrowing Owl: Due to the proximity of the location to active prairie dog towns, there is the potential to encounter nesting burrowing owls between April 1 and August 15. If new construction or surface disturbing activities are scheduled between April 1 and August 15, pre-construction surveys will be conducted to detect the presence of nesting burrowing owls within 0.5 mile of any new construction or surface disturbing activity (see Vernal BLM Field Office Protocol). No new construction or surface disturbing activities will be allowed between April 1 and August 15 within a 0.5 mile radius of any active burrowing owl nest.

Reserve Pit Liner

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

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

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

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

Details of the On-Site Inspection

The proposed Mon. Butte NE Federal #Q-24-8-16 was on-sited on 5/31/06. The following were present; Shon Mckinnon (Newfield Production), Chris Carusona (Bureau of Land Management), and Nate West (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

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

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #Q-24-8-16 SE/SW Section 24, Township 8S, Range 16E: Lease UTU-67170 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

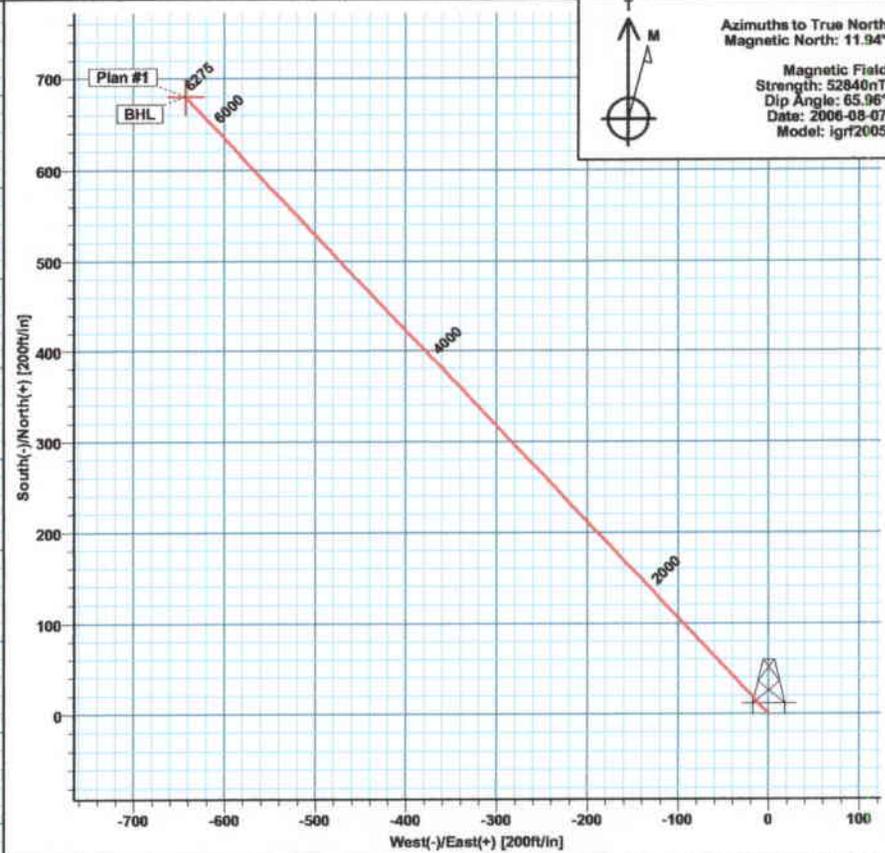
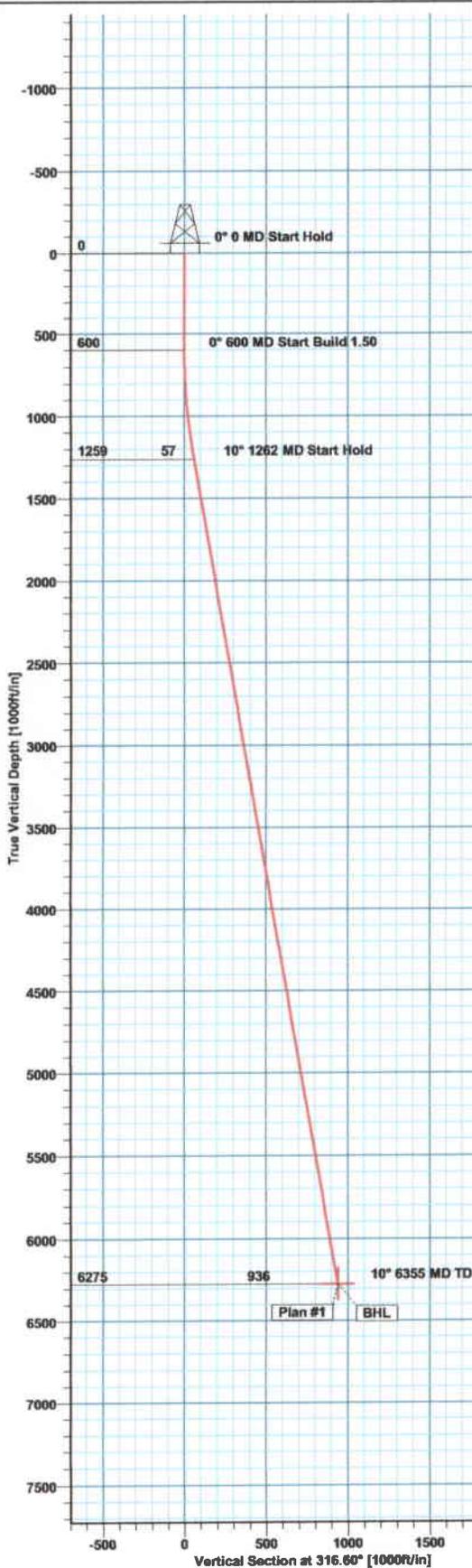
I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be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

8/8/06

Date



Mandie Crozier
Regulatory Specialist
Newfield Production Company



Azimuths to True North
 Magnetic North: 11.94°
 Magnetic Field
 Strength: 52840nT
 Dip Angle: 65.96°
 Data: 2006-08-07
 Model: igr12005

SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	DLog	TFace	VSec	Target
1	0.00	0.00	316.60	0.00	0.00	0.00	0.00	0.00	0.00	
2	600.00	0.00	316.60	600.00	0.00	0.00	0.00	0.00	0.00	
3	1262.33	0.94	316.60	1262.02	41.82	-38.38	1.00	316.00	67.28	
4	6354.68	0.94	316.60	6276.00	600.00	-643.00	0.00	0.00	935.87	BHL

WELL DETAILS							
Name	+N-S	+E-W	Northing	Easting	Latitude	Longitude	Slot
MBNE Q-24-8-16	0.00	0.00	7207599.49	2040374.13	40°05'52.480N	110°04'12.690W	N/A

SITE DETAILS

Monumnet Butte NE Q-24-8-16
 Sec. 24 T8S R16E

Site Centre Latitude: 40°05'52.480N
 Longitude: 110°04'12.690W

Ground Level: 5430.00
 Positional Uncertainty: 0.00
 Convergence: 0.92

Plan: Plan #1 (MBNE Q-24-8-16/OH)

Created By: Julie Cruse Date: 2006-08-07

FIELD DETAILS

Duchesne County, UT

Geodetic System: US State Plane Coordinate System 1983
 Ellipsoid: GRS 1980
 Zone: Utah, Central Zone
 Magnetic Model: igr12005

System Datum: Mean Sea Level
 Local North: True North



Scientific Drilling International

Planning Report

Company: Newfield Exploration Co.	Date: 2006-08-07	Time: 16:54:07	Page: 1
Field: Duchesne County, UT	Co-ordinate(NE) Reference: Well: MBNE Q-24-8-16, True North		
Site: Monumnet Butte NE Q-24-8-16	Vertical (TVD) Reference: GL 5430' & RKB 12' 5442.0		
Well: MBNE Q-24-8-16	Section (VS) Reference: Well (0.00N,0.00E,316.60Azi)		
Wellpath: OH	Plan:	Plan #1	

Field: Duchesne County, UT		
Map System: US State Plane Coordinate System 1983	Map Zone:	Utah, Central Zone
Geo Datum: GRS 1980	Coordinate System:	Well Centre
Sys Datum: Mean Sea Level	Geomagnetic Model:	igrf2005

Site: Monumnet Butte NE Q-24-8-16
Sec. 24 T8S R16E

Site Position:	Northing: 7207599.49 ft	Latitude: 40 5 52.480 N	
From: Geographic	Easting: 2040374.13 ft	Longitude: 110 4 12.690 W	
Position Uncertainty: 0.00 ft		North Reference: True	
Ground Level: 5430.00 ft		Grid Convergence: 0.92 deg	

Well: MBNE Q-24-8-16 SHL: 644' FSL, 1966' FWL	Slot Name:
Well Position: +N/-S 0.00 ft	Northing: 7207599.49 ft
+E/-W 0.00 ft	Easting: 2040374.13 ft
Position Uncertainty: 0.00 ft	
	Latitude: 40 5 52.480 N
	Longitude: 110 4 12.690 W

Wellpath: OH	Drilled From: Surface
Current Datum: GL 5430' & RKB 12'	Tie-on Depth: 0.00 ft
Magnetic Data: 2006-08-07	Above System Datum: Mean Sea Level
Field Strength: 52840 nT	Declination: 11.94 deg
Vertical Section: Depth From (TVD)	Mag Dip Angle: 65.96 deg
ft	+N/-S
	ft
	+E/-W
	ft
	deg
6275.00	0.00
	0.00
	316.60

Plan: Plan #1	Date Composed: 2006-08-07
Principal: Yes	Version: 1
	Tied-to: From Surface

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	316.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	316.60	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1262.33	9.94	316.60	1259.02	41.62	-39.36	1.50	1.50	0.00	316.60	
6354.68	9.94	316.60	6275.00	680.00	-643.00	0.00	0.00	0.00	0.00	BHL

Section 1 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
0.00	0.00	316.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	316.60	100.00	0.00	0.00	0.00	0.00	0.00	0.00	316.60
200.00	0.00	316.60	200.00	0.00	0.00	0.00	0.00	0.00	0.00	316.60
300.00	0.00	316.60	300.00	0.00	0.00	0.00	0.00	0.00	0.00	316.60
400.00	0.00	316.60	400.00	0.00	0.00	0.00	0.00	0.00	0.00	316.60
500.00	0.00	316.60	500.00	0.00	0.00	0.00	0.00	0.00	0.00	316.60
600.00	0.00	316.60	600.00	0.00	0.00	0.00	0.00	0.00	0.00	316.60

Section 2 : Start Build 1.50

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
700.00	1.50	316.60	699.99	0.95	-0.90	1.31	1.50	1.50	0.00	0.00
800.00	3.00	316.60	799.91	3.80	-3.60	5.23	1.50	1.50	0.00	0.00
900.00	4.50	316.60	899.69	8.56	-8.09	11.77	1.50	1.50	0.00	0.00
1000.00	6.00	316.60	999.27	15.20	-14.38	20.92	1.50	1.50	0.00	0.00
1100.00	7.50	316.60	1098.57	23.74	-22.45	32.68	1.50	1.50	0.00	0.00
1200.00	9.00	316.60	1197.54	34.17	-32.31	47.03	1.50	1.50	0.00	0.00
1262.33	9.94	316.60	1259.02	41.62	-39.36	57.28	1.50	1.50	0.00	0.00



Scientific Drilling International

Planning Report

Company: Newfield Exploration Co.	Date: 2006-08-07	Time: 16:54:07	Page: 3
Field: Duchesne County, UT	Co-ordinate(NE) Reference: Well: MBNE Q-24-8-16, True North		
Site: Monumnet Butte NE Q-24-8-16	Vertical (TVD) Reference: GL 5430' & RKB 12' 5442.0		
Well: MBNE Q-24-8-16	Section (VS) Reference: Well (0.00N,0.00E,316.60Azi)		
Wellpath: OH	Plan: Plan #1		

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	BuId deg/100ft	Turn deg/100ft	Tool/Comment
600.00	0.00	316.60	600.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
700.00	1.50	316.60	699.99	0.95	-0.90	1.31	1.50	1.50	0.00	MWD
800.00	3.00	316.60	799.91	3.80	-3.60	5.23	1.50	1.50	0.00	MWD
900.00	4.50	316.60	899.69	8.56	-8.09	11.77	1.50	1.50	0.00	MWD
1000.00	6.00	316.60	999.27	15.20	-14.38	20.92	1.50	1.50	0.00	MWD
1100.00	7.50	316.60	1098.57	23.74	-22.45	32.68	1.50	1.50	0.00	MWD
1200.00	9.00	316.60	1197.54	34.17	-32.31	47.03	1.50	1.50	0.00	MWD
1262.33	9.94	316.60	1259.02	41.62	-39.36	57.28	1.50	1.50	0.00	MWD
1300.00	9.94	316.60	1296.12	46.34	-43.82	63.78	0.00	0.00	0.00	MWD
1400.00	9.94	316.60	1394.62	58.88	-55.67	81.03	0.00	0.00	0.00	MWD
1500.00	9.94	316.60	1493.12	71.41	-67.53	98.28	0.00	0.00	0.00	MWD
1600.00	9.94	316.60	1591.62	83.95	-79.38	115.54	0.00	0.00	0.00	MWD
1700.00	9.94	316.60	1690.12	96.49	-91.24	132.79	0.00	0.00	0.00	MWD
1800.00	9.94	316.60	1788.62	109.02	-103.09	150.04	0.00	0.00	0.00	MWD
1900.00	9.94	316.60	1887.12	121.56	-114.94	167.30	0.00	0.00	0.00	MWD
2000.00	9.94	316.60	1985.62	134.09	-126.80	184.55	0.00	0.00	0.00	MWD
2100.00	9.94	316.60	2084.12	146.63	-138.65	201.80	0.00	0.00	0.00	MWD
2200.00	9.94	316.60	2182.62	159.17	-150.51	219.06	0.00	0.00	0.00	MWD
2300.00	9.94	316.60	2281.13	171.70	-162.36	236.31	0.00	0.00	0.00	MWD
2400.00	9.94	316.60	2379.63	184.24	-174.21	253.56	0.00	0.00	0.00	MWD
2500.00	9.94	316.60	2478.13	196.77	-186.07	270.82	0.00	0.00	0.00	MWD
2600.00	9.94	316.60	2576.63	209.31	-197.92	288.07	0.00	0.00	0.00	MWD
2700.00	9.94	316.60	2675.13	221.85	-209.78	305.32	0.00	0.00	0.00	MWD
2800.00	9.94	316.60	2773.63	234.38	-221.63	322.58	0.00	0.00	0.00	MWD
2900.00	9.94	316.60	2872.13	246.92	-233.48	339.83	0.00	0.00	0.00	MWD
3000.00	9.94	316.60	2970.63	259.45	-245.34	357.08	0.00	0.00	0.00	MWD
3100.00	9.94	316.60	3069.13	271.99	-257.19	374.33	0.00	0.00	0.00	MWD
3200.00	9.94	316.60	3167.63	284.53	-269.05	391.59	0.00	0.00	0.00	MWD
3300.00	9.94	316.60	3266.13	297.06	-280.90	408.84	0.00	0.00	0.00	MWD
3400.00	9.94	316.60	3364.63	309.60	-292.75	426.09	0.00	0.00	0.00	MWD
3500.00	9.94	316.60	3463.13	322.14	-304.61	443.35	0.00	0.00	0.00	MWD
3600.00	9.94	316.60	3561.63	334.67	-316.46	460.60	0.00	0.00	0.00	MWD
3700.00	9.94	316.60	3660.13	347.21	-328.32	477.85	0.00	0.00	0.00	MWD
3800.00	9.94	316.60	3758.63	359.74	-340.17	495.11	0.00	0.00	0.00	MWD
3900.00	9.94	316.60	3857.13	372.28	-352.02	512.36	0.00	0.00	0.00	MWD
4000.00	9.94	316.60	3955.63	384.82	-363.88	529.61	0.00	0.00	0.00	MWD
4100.00	9.94	316.60	4054.13	397.35	-375.73	546.87	0.00	0.00	0.00	MWD
4200.00	9.94	316.60	4152.63	409.89	-387.59	564.12	0.00	0.00	0.00	MWD
4300.00	9.94	316.60	4251.13	422.42	-399.44	581.37	0.00	0.00	0.00	MWD
4400.00	9.94	316.60	4349.63	434.96	-411.29	598.63	0.00	0.00	0.00	MWD
4500.00	9.94	316.60	4448.13	447.50	-423.15	615.88	0.00	0.00	0.00	MWD
4600.00	9.94	316.60	4546.63	460.03	-435.00	633.13	0.00	0.00	0.00	MWD
4700.00	9.94	316.60	4645.13	472.57	-446.85	650.38	0.00	0.00	0.00	MWD
4800.00	9.94	316.60	4743.64	485.10	-458.71	667.64	0.00	0.00	0.00	MWD
4900.00	9.94	316.60	4842.14	497.64	-470.56	684.89	0.00	0.00	0.00	MWD
5000.00	9.94	316.60	4940.64	510.18	-482.42	702.14	0.00	0.00	0.00	MWD
5100.00	9.94	316.60	5039.14	522.71	-494.27	719.40	0.00	0.00	0.00	MWD
5200.00	9.94	316.60	5137.64	535.25	-506.12	736.65	0.00	0.00	0.00	MWD
5300.00	9.94	316.60	5236.14	547.78	-517.98	753.90	0.00	0.00	0.00	MWD
5400.00	9.94	316.60	5334.64	560.32	-529.83	771.16	0.00	0.00	0.00	MWD
5500.00	9.94	316.60	5433.14	572.86	-541.69	788.41	0.00	0.00	0.00	MWD
5600.00	9.94	316.60	5531.64	585.39	-553.54	805.66	0.00	0.00	0.00	MWD
5700.00	9.94	316.60	5630.14	597.93	-565.39	822.92	0.00	0.00	0.00	MWD
5800.00	9.94	316.60	5728.64	610.47	-577.25	840.17	0.00	0.00	0.00	MWD



Scientific Drilling International Planning Report

Company: Newfield Exploration Co. Field: Duchesne County, UT Site: Monumnet Butte NE Q-24-8-16 Well: MBNE Q-24-8-16 Wellpath: OH	Date: 2006-08-07 Time: 16:54:07 Page: 4 Co-ordinate(NE) Reference: Well: MBNE Q-24-8-16, True North Vertical (TVD) Reference: GL 5430' & RKB 12' 5442.0 Section (VS) Reference: Well (0.00N,0.00E,316.60Azi) Plan: Plan #1
---	---

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
5900.00	9.94	316.60	5827.14	623.00	-589.10	857.42	0.00	0.00	0.00	MWD
6000.00	9.94	316.60	5925.64	635.54	-600.96	874.67	0.00	0.00	0.00	MWD
6100.00	9.94	316.60	6024.14	648.07	-612.81	891.93	0.00	0.00	0.00	MWD
6200.00	9.94	316.60	6122.64	660.61	-624.66	909.18	0.00	0.00	0.00	MWD
6300.00	9.94	316.60	6221.14	673.15	-636.52	926.43	0.00	0.00	0.00	MWD
6354.68	9.94	316.60	6275.00	680.00	-643.00	935.87	0.00	0.00	0.00	BHL

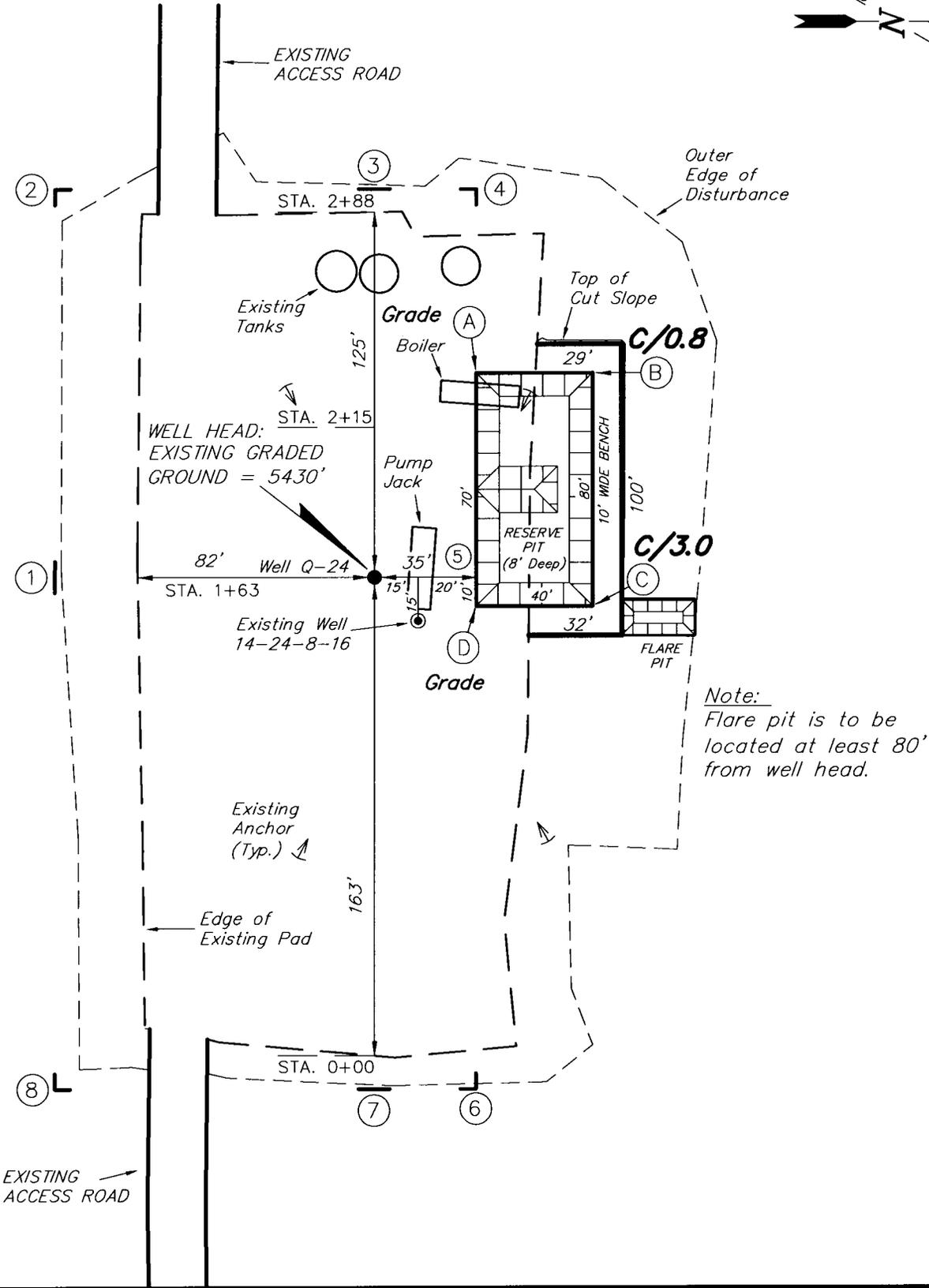
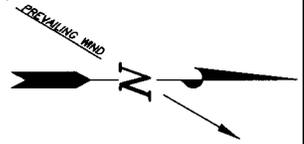
Targets

Name	Description		TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude →			← Longitude →				
	Dip.	Dir.						Deg	Min	Sec	Deg	Min	Sec		
BHL			6275.00	680.00	-643.00	7208269.122039720.34		40	5	59.200	N	110	4	20.965	W
-Plan hit target															

NEWFIELD PRODUCTION COMPANY

MONUMENT BUTTE NE 14-24-8-16 (Q-24)

Section 24, T8S, R16E, S.L.B.&M.

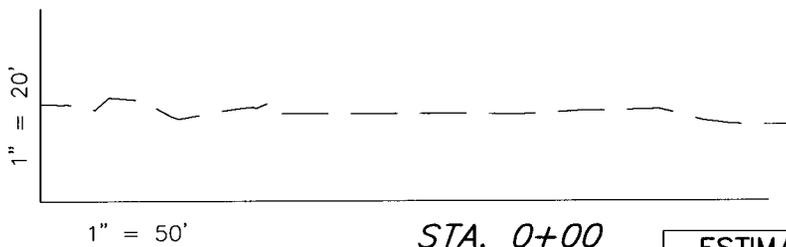
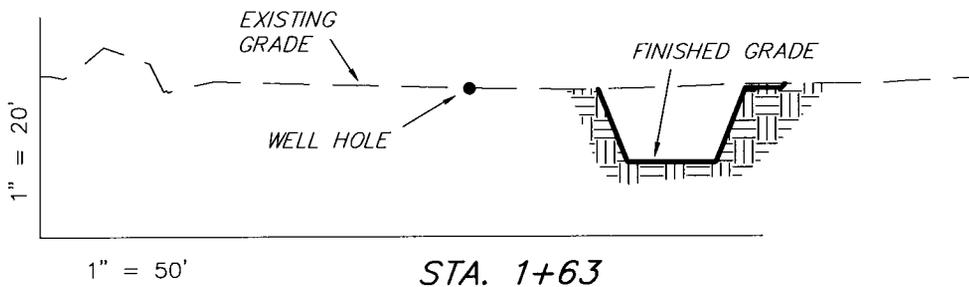
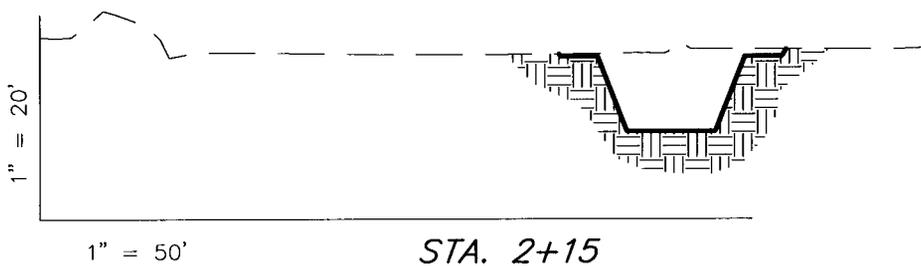
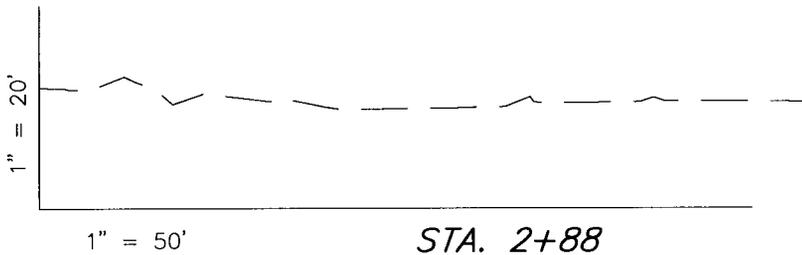


SURVEYED BY: D.P.	SCALE: 1" = 50'	<p>Tri State Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078</p>	(435) 781-2501
DRAWN BY: F.T.M.	DATE: 05-22-06		

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

MONUMENT BUTTE NE 14-24-8-16 (Q-24)



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

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	-100	180	Topsoil is not included in Pad Cut	-280
PIT	640	0		640
TOTALS	540	180	N/A	360

SURVEYED BY: D.P.

SCALE: 1" = 50'

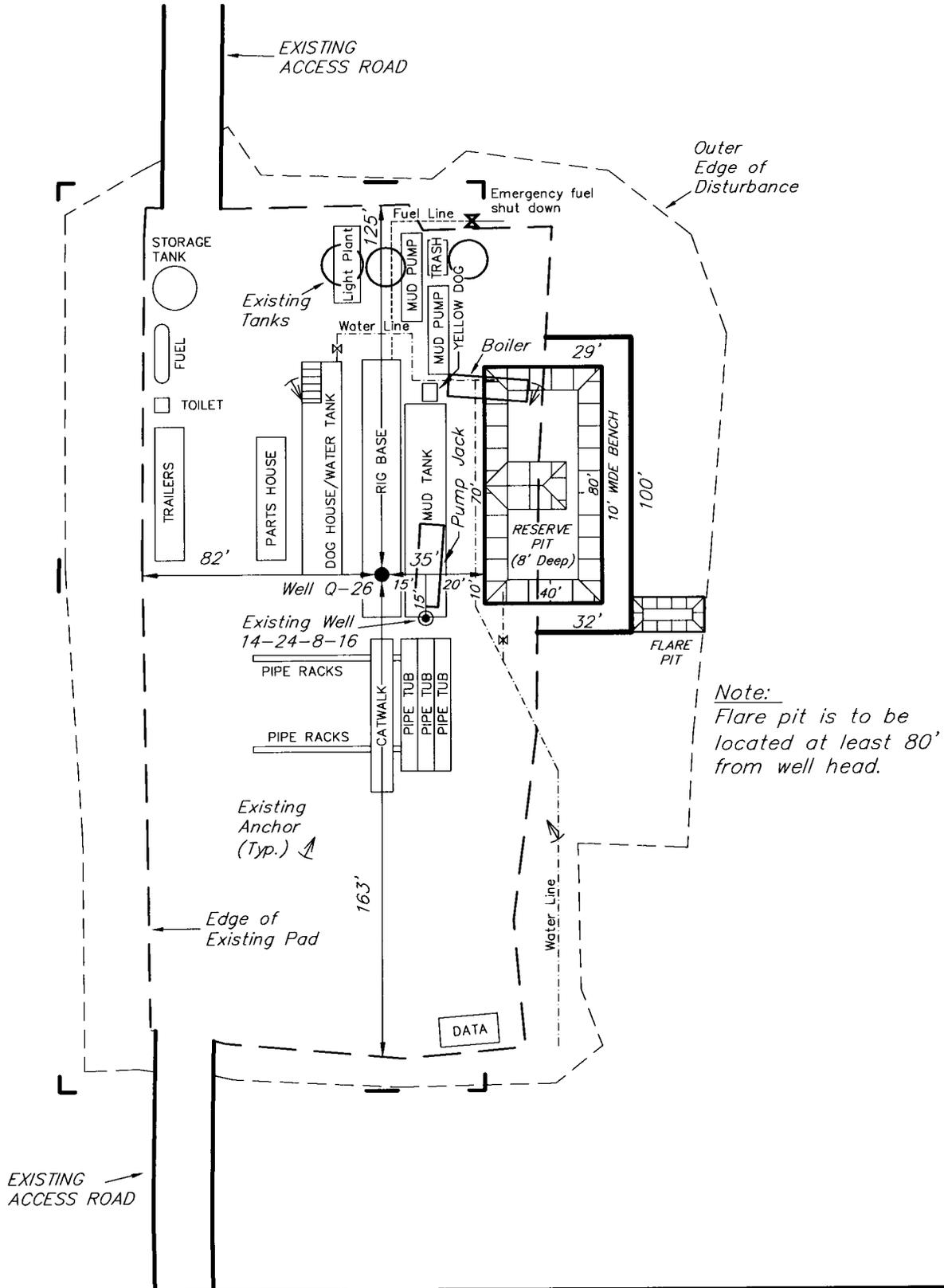
DRAWN BY: F.T.M.

DATE: 05-22-06

(435) 781-2501

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY
TYPICAL RIG LAYOUT
MONUMENT BUTTE NE 14-24-8-16 (Q-24)



SURVEYED BY: D.P.	SCALE: 1" = 50'
DRAWN BY: F.T.M.	DATE: 05-22-06

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

Newfield Production Company Proposed Site Facility Diagram

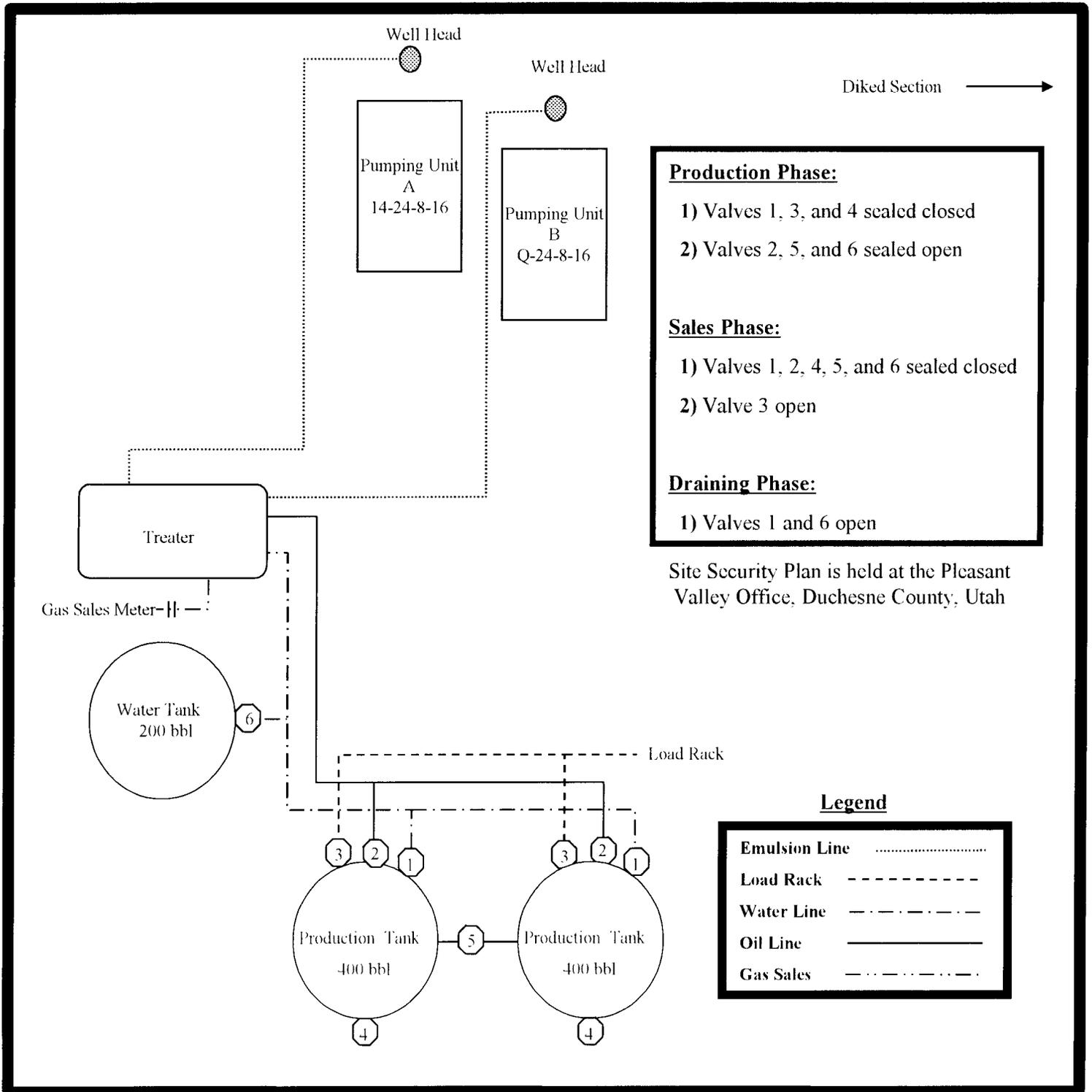
Mon. Butte NE Federal Q-24-8-16

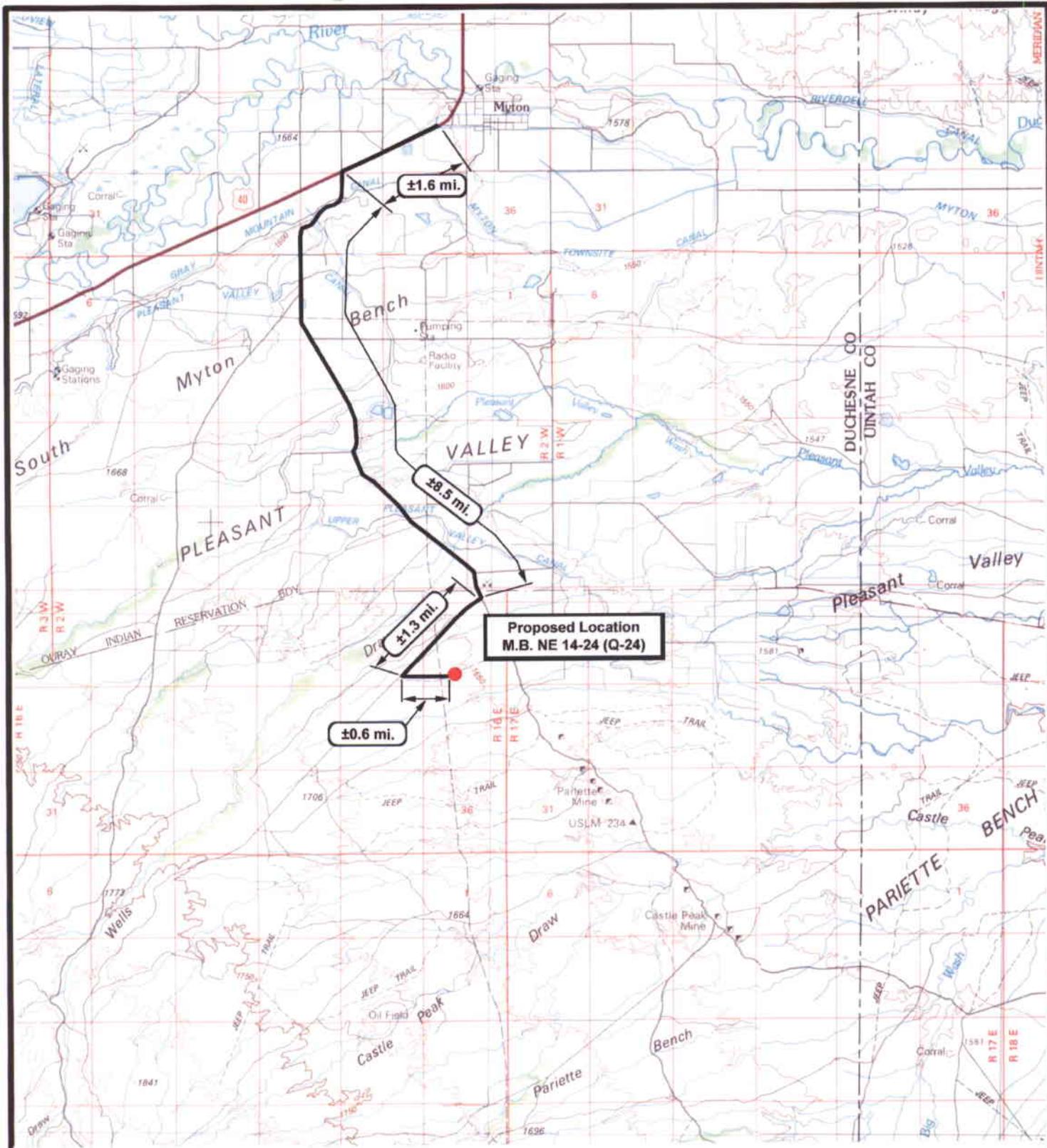
From the 14-24-8-16 Location

SE/SW Sec. 24 T8S, 16E

Duchesne County, Utah

UTU-67170





NEWFIELD
Exploration Company

Monument Butte NE 14-24-8-16 (Q-24)
SEC. 24, T8S, R16E, S.L.B.&M.



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

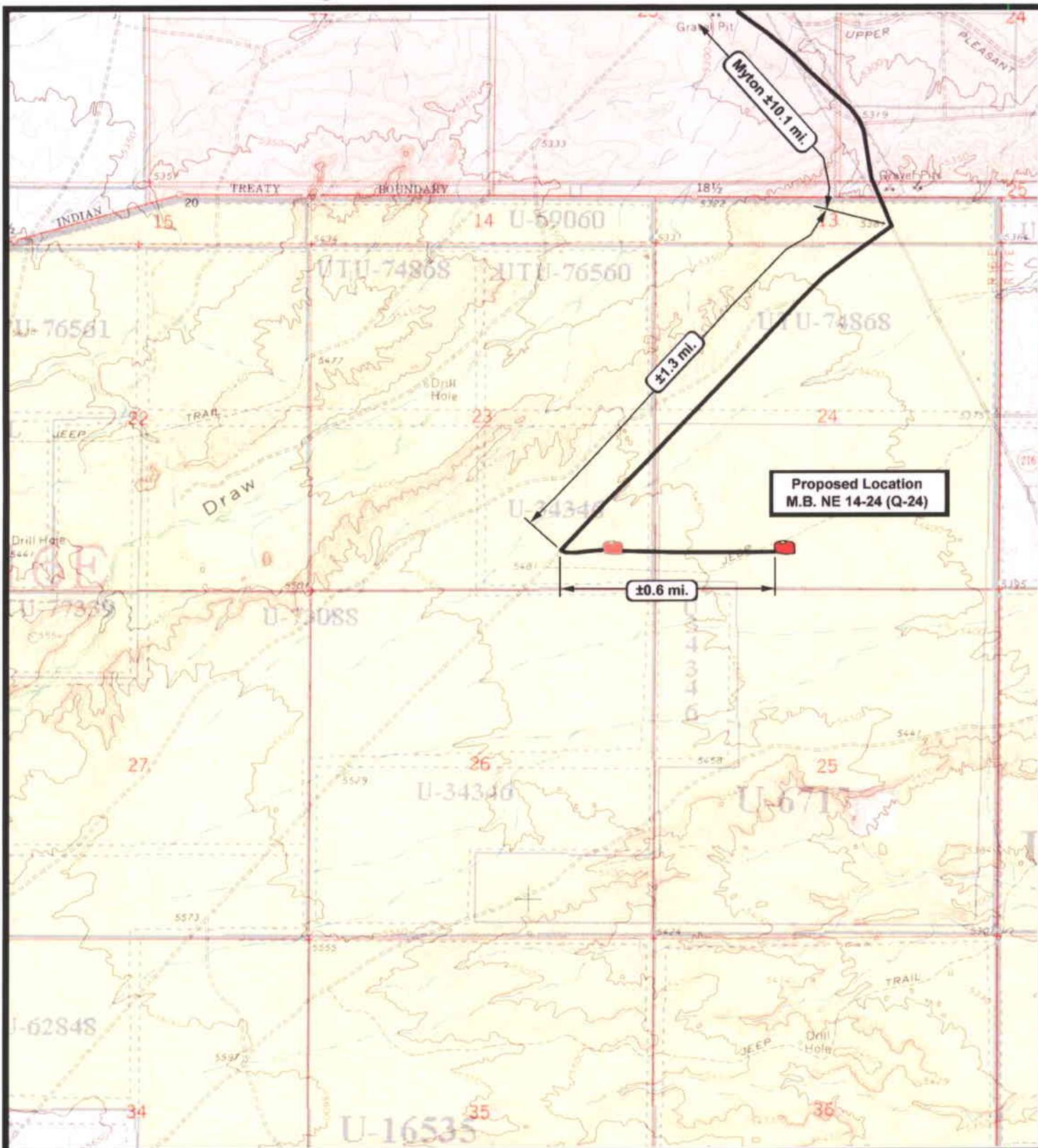
SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 05-25-2006

Legend

Existing Road

TOPOGRAPHIC MAP

"A"




NEWFIELD
Exploration Company

Monument Butte NE 14-24-8-16 (Q-24)
SEC. 24, T8S, R16E, S.L.B.&M.



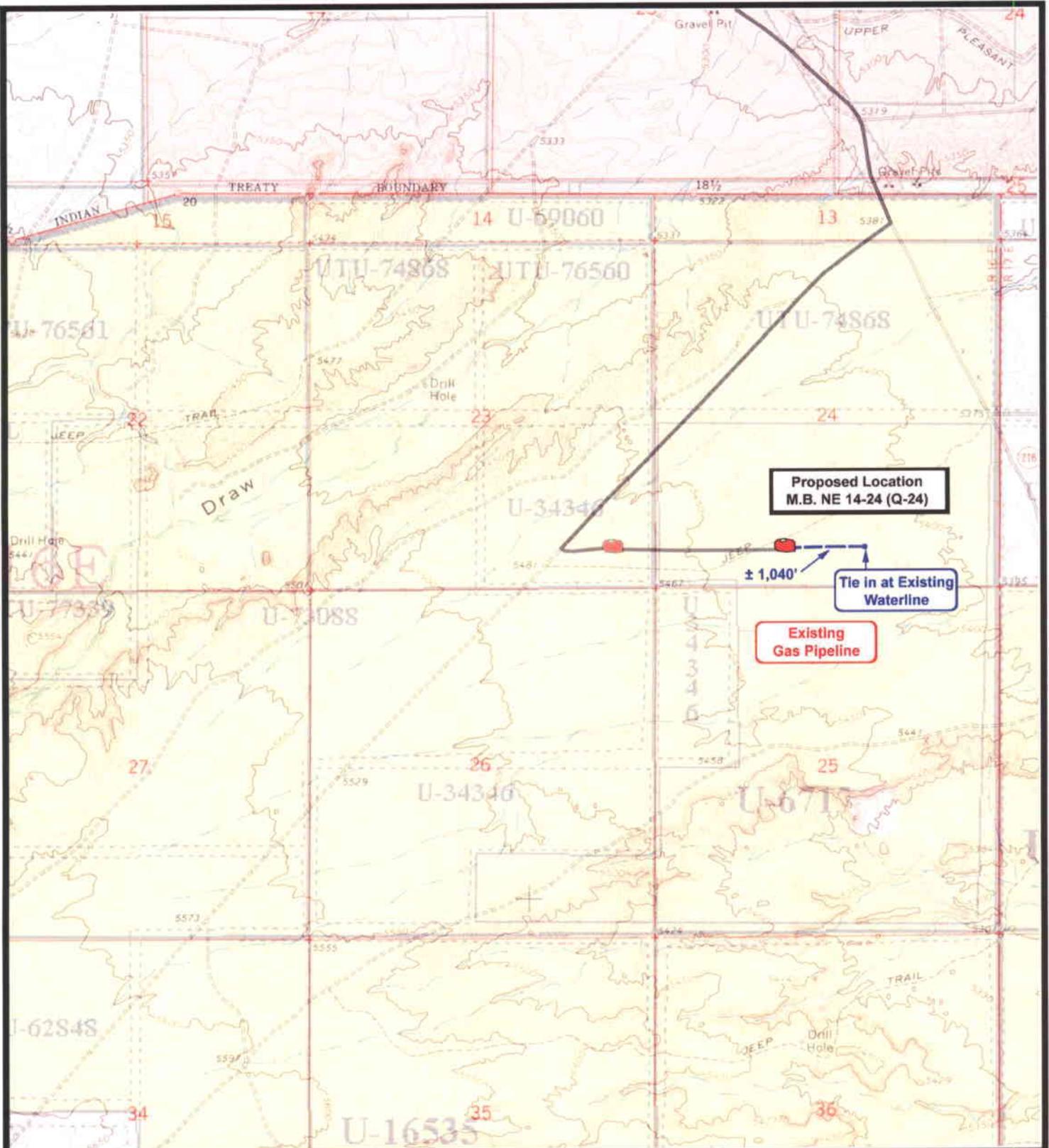

Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 05-25-2006

Legend

Existing Road

TOPOGRAPHIC MAP
"B"



 **NEWFIELD**
Exploration Company

Monument Butte NE 14-24-8-16 (Q-24)
SEC. 24, T8S, R16E, S.L.B.&M.



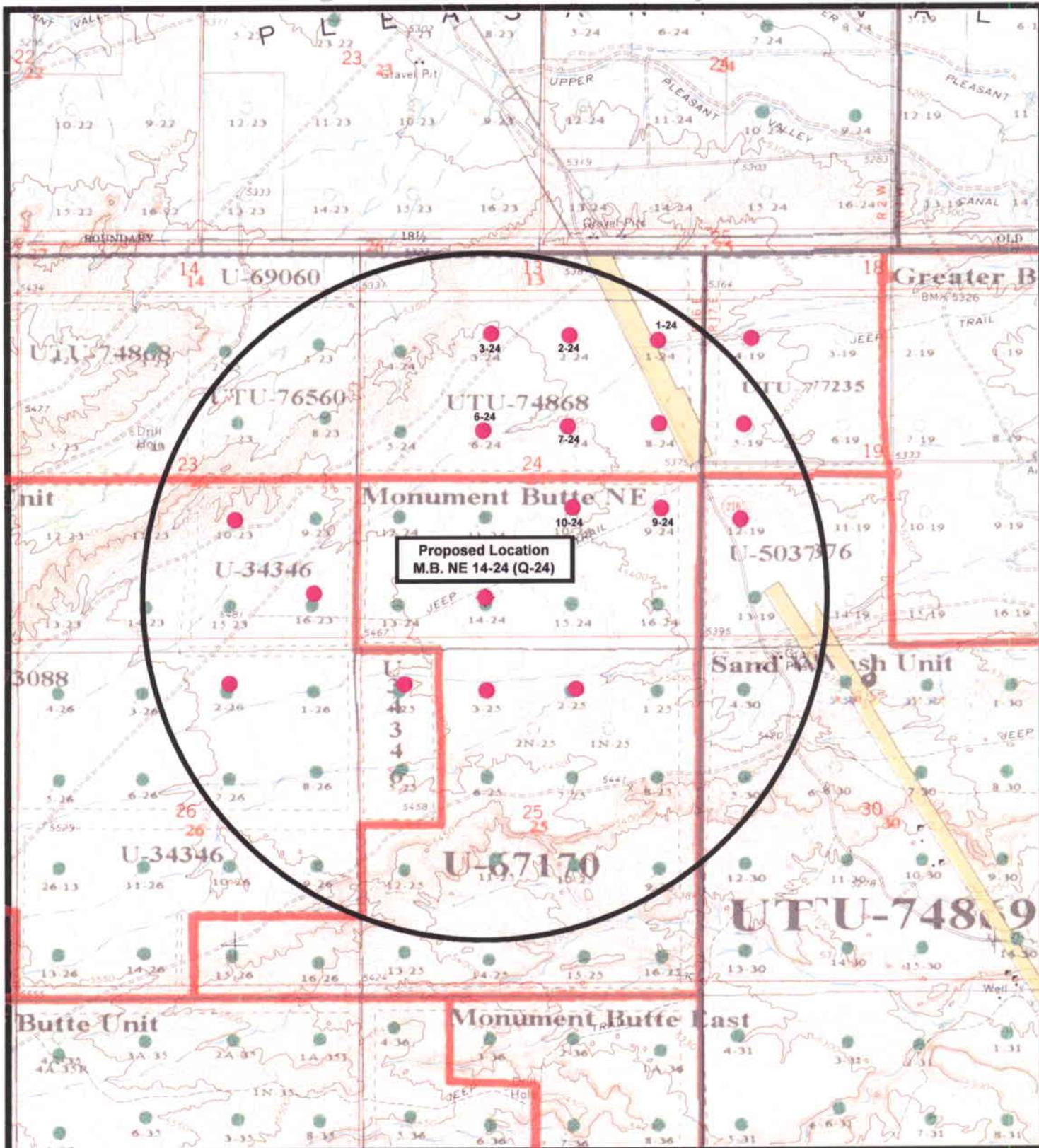

Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 05-25-2006

Legend

-  Roads
-  Proposed Water Line

TOPOGRAPHIC MAP
"C"




NEWFIELD
Exploration Company

Monument Butte NE 14-24-8-16 (Q-24)
SEC. 24, T8S, 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: mw
DATE: 05-24-2006

Legend

- Location
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

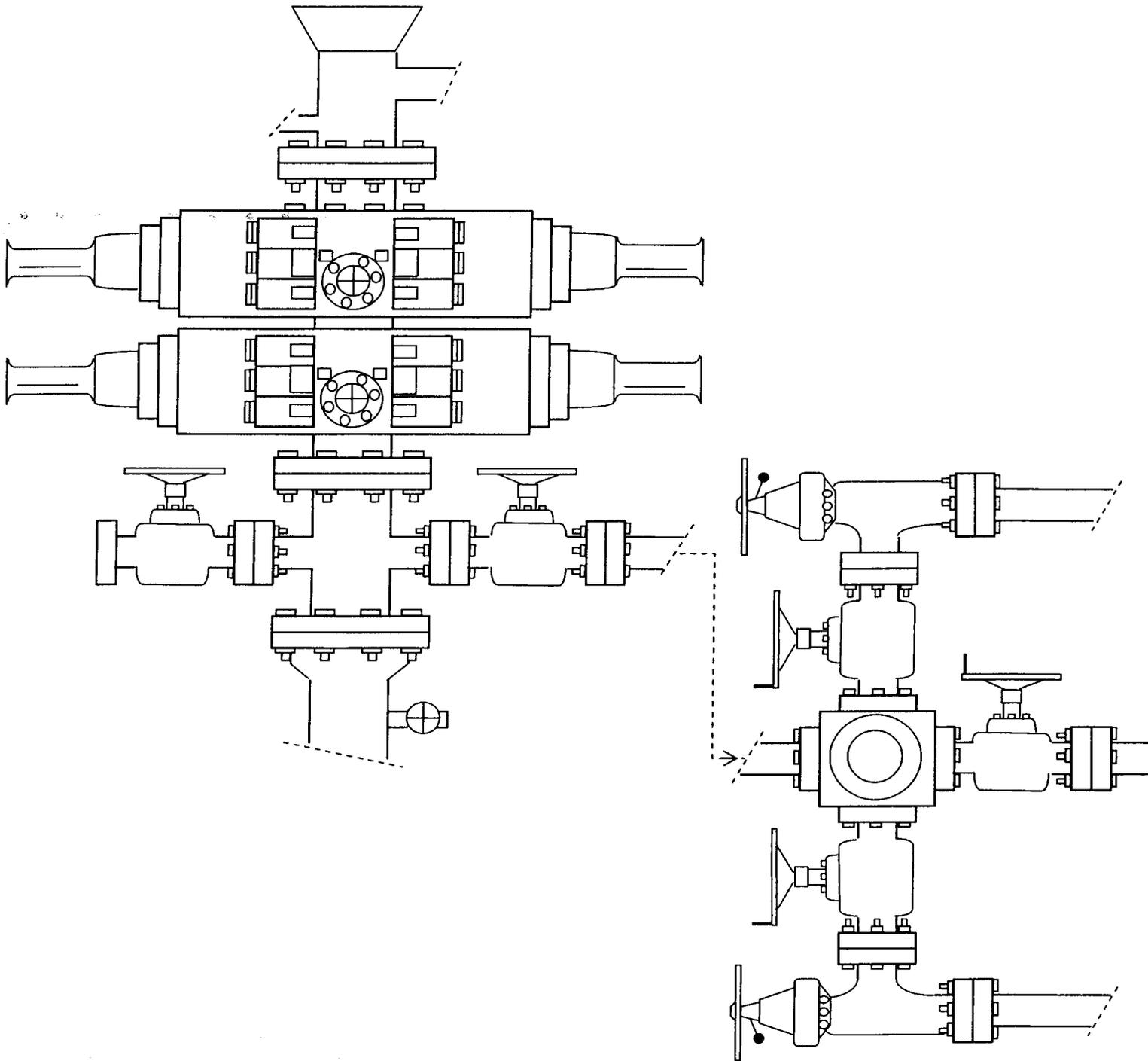


EXHIBIT C

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 08/09/2006

API NO. ASSIGNED: 43-013-33271

WELL NAME: MON BUTTE NE FED Q-24-8-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SESW 24 080S 160E
 SURFACE: 0644 FSL 1966 FWL
 BOTTOM: 1324 FSL 1323 FWL
 COUNTY: DUCHESNE
 LATITUDE: 40.09789 LONGITUDE: -110.0694
 UTM SURF EASTINGS: 579326 NORTHINGS: 4438827
 FIELD NAME: MONUMENT BUTTE (105)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-67170
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

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

LOCATION AND SITING:

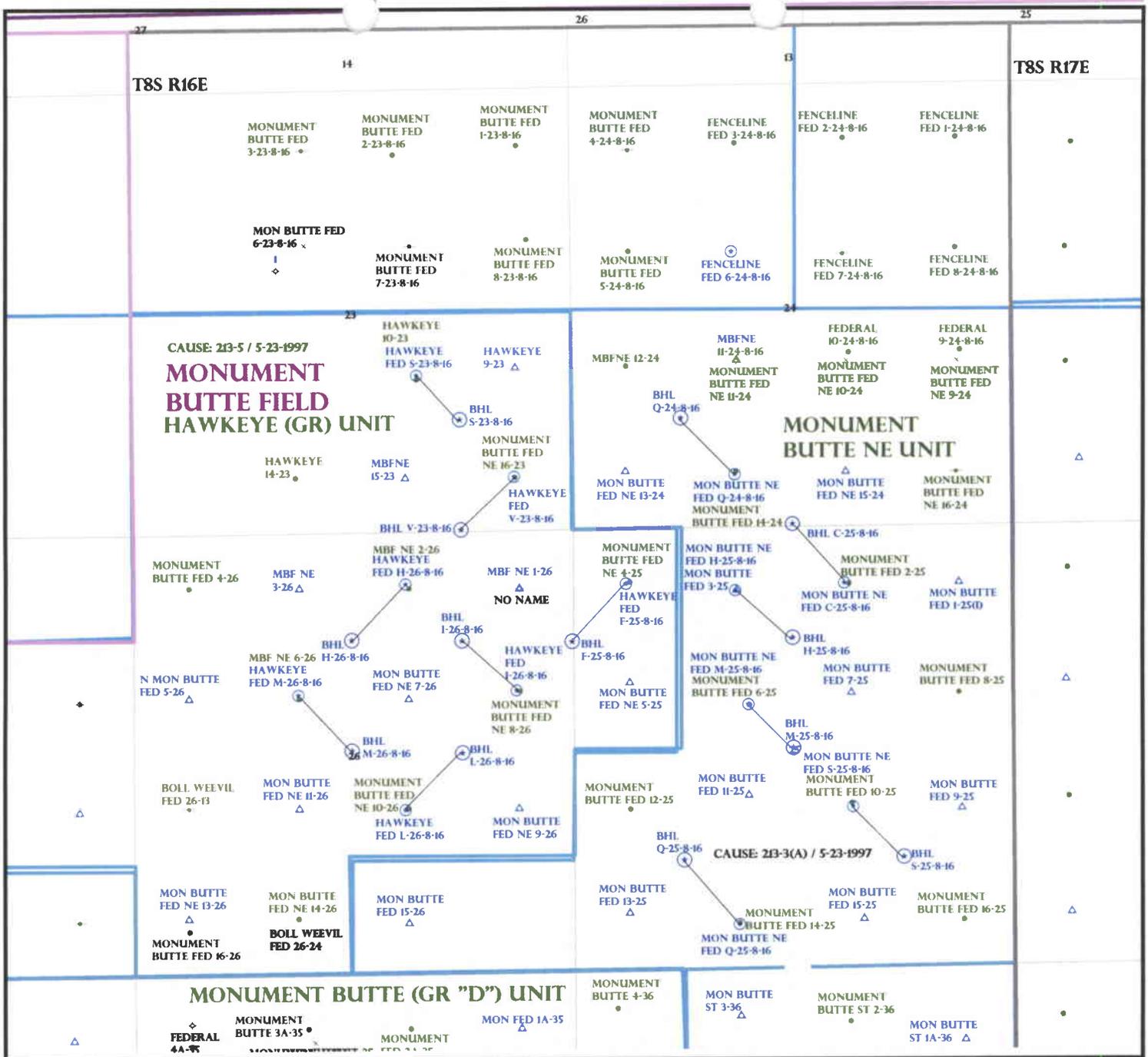
- R649-2-3.
- Unit: MONUMENT BUTTE NE
- R649-3-2. General
- Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: 213-3(A)
- Eff Date: 5-23-1997
- Siting: Suspends General Siting
- R649-3-11. Directional Drill

COMMENTS:

See Separate file

STIPULATIONS:

1 Federal Approval



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 24,25 T.8S R. 16E

FIELD: MONUMENT BUTTE (105)

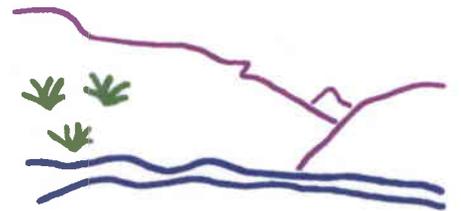
COUNTY: DUCHESNE

CAUSE: 213-3(A) / 5-23-1997

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

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

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



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 15-AUGUST-2006



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

August 28, 2006

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

Re: Monument Butte NE Federal Q-24-8-16 Well, Surface Location 644' FSL, 1966' FWL, SE SW, Sec. 24, T. 8 South, R. 16 East, Bottom Location 1324' FSL, 1323' FWL, C of SW, Sec. 24, T. 8 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 43-013-33271.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Newfield Production Company
Well Name & Number Monument Butte NE Federal Q-24-8-16
API Number: 43-013-33271
Lease: UTU-67170

Surface Location: SE SW Sec. 24 T. 8 South R. 16 East
Bottom Location: C of SW Sec. 24 T. 8 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 Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

RECEIVED

Form 3160-3
(September 2001)

AUG 09 2006

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.	UTU-67170
6. If Indian, Allottee or Tribe Name	N/A
7. If Unit or CA Agreement, Name and No.	
8. Lease Name and Well No.	Mon. Butte NE Federal Q-24-8-16
9. API Well No.	43-013-33260
10. Field and Pool, or Exploratory	Monument Butte
11. Sec., T., R., M., or Blk. and Survey or Area	Sec. 24, T8S R16E
12. County or Parish	Duchesne
13. State	UT

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone
2. Name of Operator Newfield Production Company
3a. Address Route #3 Box 3630, Myton UT 84052
3b. Phone No. (include area code) (435) 646-3721
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/SW 644' FSL 1966' FWL At proposed prod. zone 1324' FSL 1323' FWL
14. Distance in miles and direction from nearest town or post office* Approximatley 12.0 miles southwest of Myton, Utah
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1323' f/ise, 1323' f/unit
16. No. of Acres in lease 959869
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. 1321'
19. Proposed Depth 6275'
20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5430' GL
22. Approximate date work will start* 4th Quarter 2006
23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 8/8/06
Title Regulatory Specialist		
Approved by (Signature) <i>Jerry Kewerka</i>	Name (Printed/Typed) Jerry Kewerka	Date 6-5-2007
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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

Conditions of approval, if any, are attached.

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

*(Instructions on reverse)

U006M

07JM0656A

NOTICE OF APPROVAL

No NBS

CONDITIONS OF APPROVAL ATTACHE

RECEIVED

JUN 13 2007

DIV. OF OIL, GAS & MINING

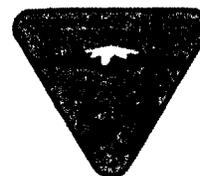


**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE**

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: MBNE Federal Q-24-8-16
API No: 43-013-33250

Location: SWSW, Sec. 24, T8S, R16E
Lease No: UTU- 67170
Agreement: N/A

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
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:	Melissa Hawk	(435) 781-4476	(435) 828-7381
NRS/Enviro Scientist:	Chuck MacDonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	

Fax: (435) 781-4410

**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)**

- Lands in this lease have been identified as containing Golden eagle habitat. Modifications to the Surface Use Plan of Operations may be required in order to protect the Golden eagle and/or habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

TIMING RESTRICTIONS:

- The proposed area contains Mountain Plover habitat. With this occurrence there will be a time restriction from May 15 – June 15.
- The proposed area contains Burrowing Owl Habitat. With this occurrence there will be a time restriction from April 1 – August 15.

CONDITIONS OF APPROVAL:

- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 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.
- If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the

Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.

- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- The interim seed mix for this location shall be:

Western Wheatgrass (<i>Agropyron smithii</i>)	6 lbs/acre
Galleta grass (<i>Hilaria jamesii</i>)	6 lbs/acre

 - All pounds are in pure live seed.
 - Rates are set for drill seeding; double the rate if broadcasting.
 - Reseeding may be required if initial seeding is not successful.
- The operator will be responsible for treatment and control of invasive and noxious weeds.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

Surface COAs:

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately

stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

DOWNHOLE COAs:

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

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

- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

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

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: MON BUTTE NE FED Q-24-8-16

Api No: 43-013-33271 Lease Type: FEDERAL

Section 24 Township 08S Range 16E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 07/11/07

Time 10:30 AM

How DRY

Drilling will Commence: _____

Reported by ALVIN NIELSEN

Telephone # (435) 823-7468

Date 07/12/07 Signed CHD

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

OPERATOR: NEWFIELD PRODUCTION COMPANY
 ADDRESS: RT. 3 BOX 3839
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	12187	4301333250	HAWKEYE M-26-8-16	SENW	26	8S	16E	DUCHESNE	7/10/2007	7/23/07
WELL 1 COMMENTS: <i>GRUV</i>											
B	99999	15150	4301333271	MON BT NE Q-24-8-16	SESW	24	8S	16E	DUCHESNE	7/11/2007	7/23/07
WELL 2 COMMENTS: <i>GRUV</i>											
B	99999	11880	4301332809	BELUGA FEDERAL 16-18-9-17	SESE	18	9S	17E	DUCHESNE	7/16/2007	7/26/07
WELL 3 COMMENTS: <i>GRUV</i>											
											2NS
WELL 5 COMMENTS:											
WELL 5 COMMENTS:											

R

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

RECEIVED
 JUL 18 2007

Jentri Park
 Signature
 Jentri Park
 Production Clerk
 July 18, 2007
 Date

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Serial No.
USA UTU-67170

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
MON. BUTTE NE FEDERAL O-24-8-16

9. API Well No.
4301333271

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
644 FSL 1966 FWL
SESW Section 24 T8S R16E

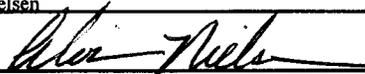
12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA

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	<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 recompleat 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 recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 7/11/07 MIRU NDSI NS # 1.Spud well @ 10:30 AM. Drill 310' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 316>82 KB On 7/13/07 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

Signature 

Title
Drilling Foreman

Date
07/16/2007

Approved by _____ Title _____ Date _____

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

Office _____

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

(Instructions on reverse)

RECEIVED

JUL 18 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 316.82

LAST CASING 8 5/8" SET AT 316.82'
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 310' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR NewField Production Company
 WELL MB NE Federal Q-24-8-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI NS #1

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 41.24'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	304.97
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			306.82
TOTAL LENGTH OF STRING		306.82	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			316.82
TOTAL		304.97	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		304.97	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.		Spud	7/11/2007	10:30 AM	GOOD CIRC THRU JOB <u>Yes</u>		
CSG. IN HOLE		7/12/2007	8:30 AM	Bbls CMT CIRC TO SURFACE <u>7</u>			
BEGIN CIRC		7/13/2007	11:22 AM	RECIPROCATED PIPE FOR _____ THRU _____ FT STROKE			
BEGIN PUMP CMT		7/13/2007	12:56 PM	N/A			
BEGIN DSPL. CMT		7/13/2007	1:09 PM	BUMPED PLUG TO <u>652</u> PSI			
PLUG DOWN		7/13/2007	1:14 PM				
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 Don Bastian DATE 7/13/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-67170
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or MON BUTTE NE
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 644 FSL 1966 FWL SESW Section 24 T8S R16E		8. Well Name and No. MON. BUTTE NE FEDERAL O-24-8-16
		9. API Well No. 4301333271
		10. Field and Pool, or Exploratory Area MONUMENT BUTTE
		11. County or Parish, State DUCHESNE, UT

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

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

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

On 7/25/07 MIRU NDSI Rig # 2. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 275'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 7652'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 173 jt's of 5.5 J-55, 15.5# csgn. Set @ 6692.15'/ KB. Cement with 350 sks cement mixed @ 11.0 ppg & 3.43 yld. The 480 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 5 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 76,000 #'s tension. Release rig @ 8:30 AM 8/6/07.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Don Bastian	Title Drilling Foreman
	Date 08/06/2007
Signature <i>Don Bastian</i>	

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

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

(Instructions on reverse)

RECEIVED
AUG 08 2007
DIV. OF OIL, GAS & MINERAL

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6692.15

Fit cllr @ 6654.32'

LAST CASING 8 5/8" SET # 316.82'

OPERATOR Newfield Production Company

DATUM 12' KB

WELL MB NE Federal Q-24-8-16

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # NDSI #2

TD DRILLER 6750 Loggers 6675'

HOLE SIZE 7 7/8"

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 4123' (6.00')					
173	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	6640.32
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	38.58
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6694.15
TOTAL LENGTH OF STRING		6694.15	175	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		112.95	3	CASING SET DEPTH			6692.15
TOTAL		6791.85	177	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6791.85	177				
TIMING		1ST STAGE	2nd STAGE	GOOD CIRC THRU JOB <u>Yes</u> Bbls CMT CIRC TO SURFACE <u>5</u> RECIPROCATED PIPE FOR <u>THRUSTROKE NA</u> DID BACK PRES. VALVE HOLD ? <u>Yes</u> BUMPED PLUG TO <u>1570</u> PSI			
BEGIN RUN CSG.		8:30PM	8/5/2007				
CSG. IN HOLE		12:30AM	8/6/2007				
BEGIN CIRC		12:45AM	8/6/2007				
BEGIN PUMP CMT		2:29 AM	8/6/2007				
BEGIN DSPL. CMT		3:30 AM	8/6/2007				
PLUG DOWN		3:56 AM	8/6/2007				
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 / 3.49 cf/sk yield					
2	480	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT				SHOW MAKE & SPACING			
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Don Bastian DATE 8/6/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AUG 31 2007

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

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.

SUBMISSION TRIPLET USE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 NEWFIELD PRODUCTION COMPANY

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 644 FSL 1966 FWL
 SESW Section 24 T8S R16E

5. Lease Serial No.
 USA UTU-67170

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
 MON. BUTTE NE FEDERAL O-24-8-16

9. API Well No.
 4301333271

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

11. County or Parish, State
 DUCHESNE, UT

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

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

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

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

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

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

I hereby certify that the foregoing is true and correct (Printed/ Typed) Mandie Crozier	Title Regulatory Specialist
Signature <i>Mandie Crozier</i>	Date 08/30/2007

THIS SPACE FOR FEDERAL OR STATE OTHER 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 reverse)

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-67170

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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:
MON BUTTE NE

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
MON. BUTTE NE FEDERAL Q-24-8-16

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301333271

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

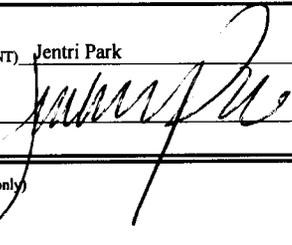
4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 644 FSL 1966 FWL
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESW, 24, T8S, R16E

COUNTY: DUCHESNE
STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will <hr/>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 09/07/2007	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
The above subject well was completed on 08/28/07, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk
SIGNATURE  DATE 09/07/2007

(This space for State use only)

RECEIVED
SEP 10 2007
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

MON BT NE Q-24-8-16**6/1/2007 To 10/30/2007****8/16/2007 Day: 1****Completion**

Rigless on 8/15/2007 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6593' & cement top @ 155'. Perforate stage #1, C sds @ 5476-90' w/ 3-1/8" Slick Guns (19 gram, .49"HE, 120°) w/ 4 spf for total of 56 shots. 158 bbls EWTR. SWIFN.

8/24/2007 Day: 2**Completion**

Rigless on 8/23/2007 - Stage #1 C sds. RU BJ Services. 18 psi on well. Frac C sds w/ 74,730#'s of 20/40 sand in 622 bbls of Lightning 17 fluid. Broke @ 3015 psi. Treated w/ ave pressure of 1855 psi w/ ave rate of 24.7 BPM. ISIP 2190 psi. Leave pressure on well. 780 BWTR. Stage #2 D1 sds. RU Lone Wolf WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 16' perf gun. Set plug @ 5410'. Perforate D1 sds @ 5294-5310' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 64 shots. RU BJ Services. 1590 psi on well. Frac D1 sds w/ 90,093#'s of 20/40 sand in 698 bbls of Lightning 17 frac fluid. Broke @ 2560 psi. Treated w/ ave pressure of 1720 psi w/ ave rate of 24.7 BPM. ISIP 1900 psi. Leave pressure on well. 1478 BWTR. Stage #3 PB10 & PB11 sds. RU Lone Wolf WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 5' & 8' perf gun. Set plug @ 5180'. Perforate PB11 sds @ 5070-78' & PB10 sds @ 5000-05' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 52 shots. RU BJ Services. 1503 psi on well. Frac PB10 & PB11 sds w/ 29,547#'s of 20/40 sand in 396 bbls of Lightning 17 frac fluid. Broke @ 1894 psi. Treated w/ ave pressure of 2287 psi w/ ave rate of 24.7 BPM. ISIP 2430 psi. Leave pressure on well. 1874 BWTR. Stage #4 GB6 sds. RU Lone Wolf WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 7' perf gun. Set plug @ 4930'. Perforate GB6 sds @ 4824-31' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 28 shots. RU BJ Services. 1774 psi on well. Frac GB6 sds w/ 37,985#'s of 20/40 sand in 371 bbls of Lightning 17 frac fluid. Broke @ 1835 psi. Treated w/ ave pressure of 2066 psi w/ ave rate of 24.7 BPM. ISIP 2215 psi. Open well to pit for immediate flowback @ 1 bpm. Well flowed for 7.5 hrs & died. Recovered 375 bbls. No show of oil. SWIFN.

8/25/2007 Day: 3**Completion**

Rigless on 8/24/2007 - MIRU Western #2. Bleed off well. ND Cameron BOP & 5m frac head. NU 3m production head & Schafer BOP. RIH w/ 4 3/4" chomp bit, bit sub & new 2 7/8" tbg. From pipe rack (tallying & drifting tbg.). Tag CBP @ 4930'. RU powerswivel & pump. DU CBP in 15 min. Cont. RIH w/ tbg. Tag sand @ 5143'. C/O to CBP @ 5180'. DU CBP in 19 min. Circulate well clean. SWIFN.

8/28/2007 Day: 4**Completion**

Rigless on 8/27/2007 - Cont. RIH w/ tbg. Tag sand @ 5401'. C/O to CBP @ 5410'. DU CBP in 26 min. Cont. RIH w/ tbg. Tag sand @ 6465'. C/O to PBTD @ 6640'. Circulate well clean. Pull up to 6571'. RIH w/ swab. SFL @ surface. Made 15 runs. Recovered 140 bbls. Trace of oil, small show of sand. EFL @ 1800'. RD swab. SWIFN.

8/29/2007 Day: 5**Completion**

Rigless on 8/28/2007 - Bleed off well. Pump 20 bbls water down tbg. RIH w/ tbg. Tag @ 6632'. C/O to PBTD @ 6640'. Circulate well clean. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 173 jts 2 7/8" tbg. ND BOP. Set TAC @ 5463' w/ 16,000# tension. NU wellhead. X-over for rods. Flush tbg. w/ 60 bbls water. RIH w/ 2 1/2" x 1 3/4" x 16' x 20 RHAC pump, 4-1 1/2" weight bars, 215- 7/8" guided rods (8 guides per rod), 1- 8', 2' x 7/8" pony subs, 1 1/2" x 26' polished rod. Seat pump. Tbg. was full. Stroke test to 800 psi. RU pumping unit. Hang off rods. Adjust tag. RD. Put well on production @ 6:30 p.m. 5 spm, 123" stroke length. Final Report.

Pertinent Files: Go to File List

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

FORM APPROVED
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-67170

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 _____

7. UNIT AGREEMENT NAME

Monument Butte NE

1b. TYPE OF WELL

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

8. FARM OR LEASE NAME, WELL NO.

Monument Butte NE Fed Q-24-8-16

2. NAME OF OPERATOR

Newfield Exploration Company

9. WELL NO.

43-013-33271

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

10. FIELD AND POOL OR WILDCAT

Monument Butte

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

At Surface 644' FSL & 1966' FWL (SE/SW) Sec. 24, T8S, R16E
At top prod. Interval reported below

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

Sec. 24, T8S, R16E

At total depth

424 fsl 1226 fwl

14. API NO.

43-013-33271

DATE ISSUED

08/28/06

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUDED

07/11/07

16. DATE T.D. REACHED

08/01/07

17. DATE COMPL. (Ready to prod.)

08/28/07

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

5430' GL

12. COUNTY OR PARISH

5442' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6752' *6646'*

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

6640' *6535'*

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 4824'-5490'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

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

27. WAS WELL CORED

No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	317'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6692'	7-7/8"	350 sx Premlite II and 480 sx 50/50 Poz	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	EOT @ 5562'	TA @ 5464'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP) 5476'-5490'	.49"	4/56	5476'-5490'	Frac w/ 74,730# 20/40 sand in 622 bbis fluid
(D1) 5294'-5310'	.43"	4/64	5294'-5310'	Frac w/ 90,093# 20/40 sand in 698 bbis fluid
(PB11 & 10) 5070'-5078', 5000'-5005	.43"	4/52	5000'-5078'	Frac w/ 29,547# 20/40 sand in 396 bbis fluid
(GB6) 4824'-4831'	.43"	4/28	4824'-4831'	Frac w/ 37,985# 20/40 sand in 371 bbis fluid

**RECEIVED
SEP 19 2007**

33.* PRODUCTION

DATE FIRST PRODUCTION 08/28/07	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-3/4" x 20' RHAC SM Plunger Pump			DIV. OF OIL, GAS & MINING PRODUCING			
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL. 47	GAS--MCF. 38	WATER--BBL. 105	GAS-OIL RATIO 809
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL-BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	

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

Sold & Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED

Jentri Park

TITLE

Production Clerk

DATE

9/14/2007

Jentri Park

JP

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

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

38. GEOLOGIC MARKERS	FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
38. GEOLOGIC MARKERS Garden Gulch Mkr Garden Gulch 1 Garden Gulch 2 Point 3 Mkr X Mkr Y-Mkr Douglas Creek Mkr BiCarbonate Mkr B Limestone Mkr Castle Peak Basal Carbonate Total Depth (LOGGERS)				Well Name Monument Butte NE Fed Q-24-8-16	4216'	
					4430'	
					4554'	
					4852'	
					5098'	
					5131'	
					5262'	
					5540'	
					5684'	
					6152'	
					6595'	
				6675'		



Scientific Drilling

Directional Survey Certification

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

RE: Newfield Exploration Co. Operator
Monument Butte NE Q-24-8-16 Well Name & No.
Duchesne County, UT County & State
42DEF0707601 SDI Job No.

I, Julie Cruse, having personal knowledge of all the facts, hereby certify that the attached directional survey run from a measured depth of 394 feet to a measured depth of 6752 feet is true and correct as determined from all available records.

Julie Cruse
Signature

Rockies Region Engineer
Title

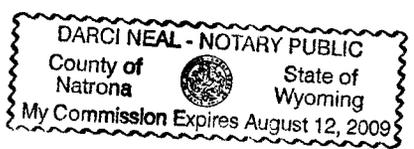
Scientific Drilling International
Company

State of : Wyoming }
County of : Natrona } ss

On this 27th day of August, 2007, before me personally appeared Julie Cruse to me known as the person described in and who executed the foregoing instrument and acknowledged that (s)he executed the same as his/her free act and deed.

Seal Darci Neal
Notary Public

Aug 12, 2009
My Commission Expires

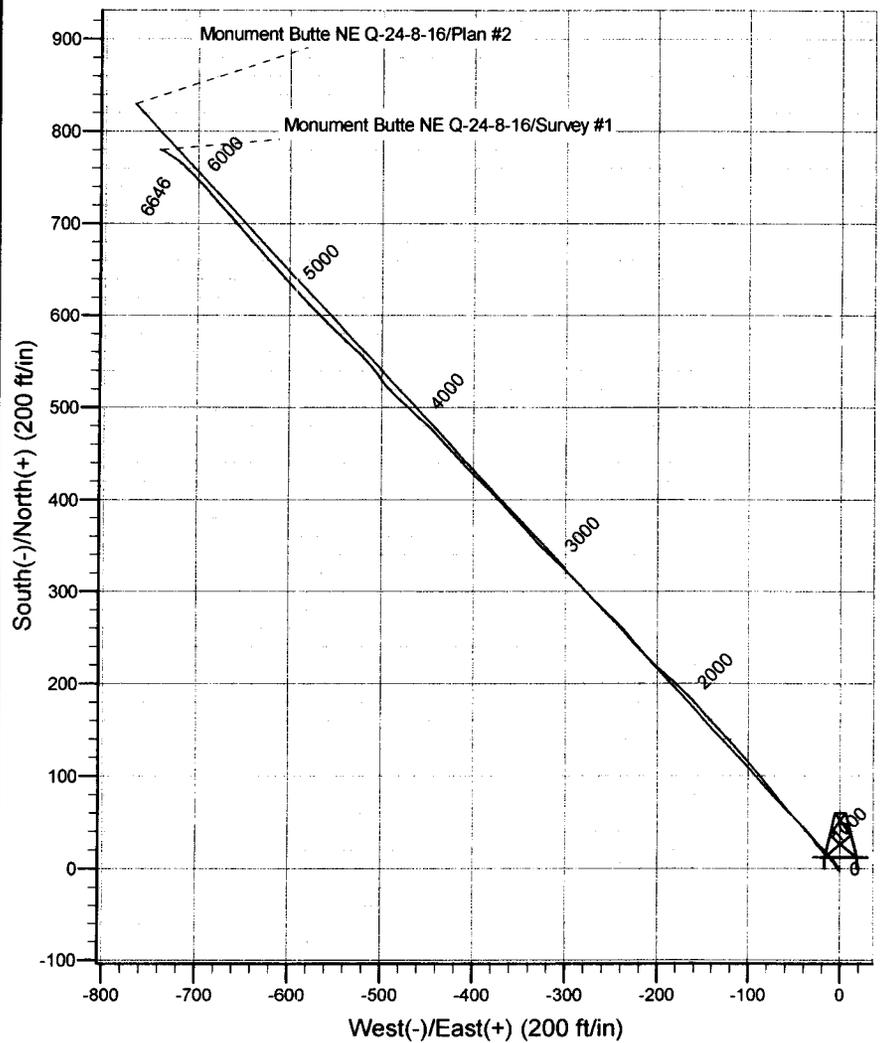
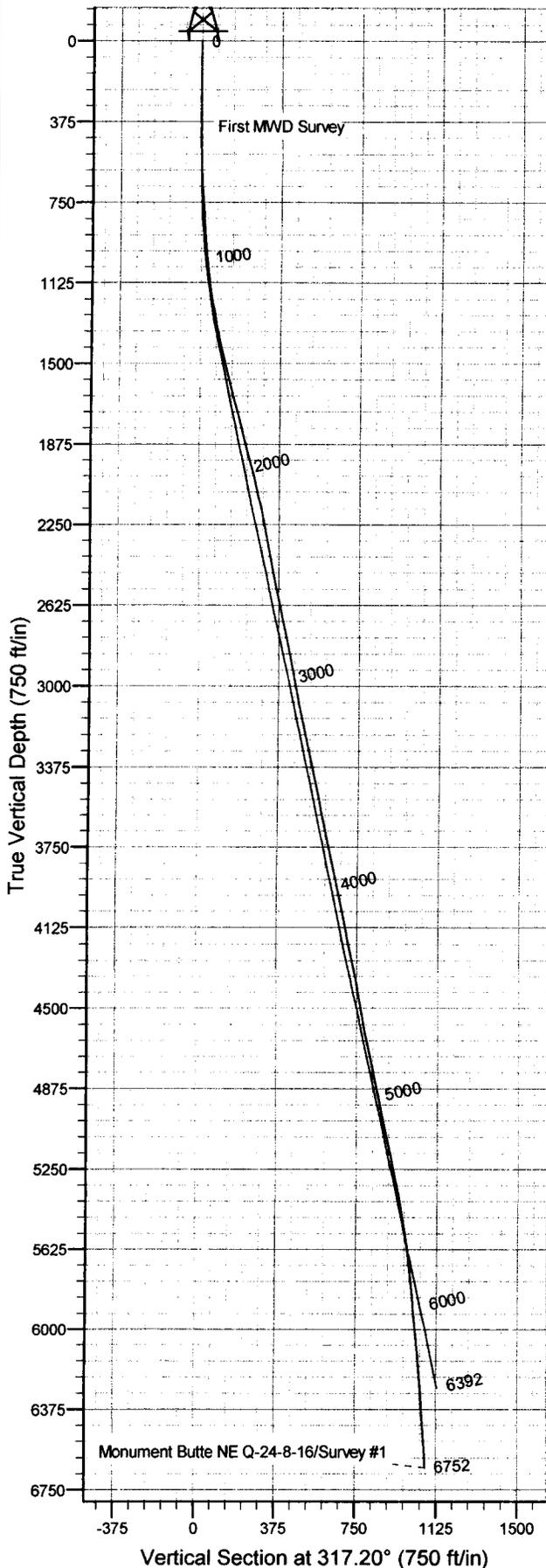




Scientific Drilling

Project: Duchesne County, UT
Site: Monument Butte NE Q-24-8-16
Well: Monument Butte NE Q-24-8-16
Wellbore: OH
Design: OH

Newfield Exploration Co.



WELL DETAILS: Monument Butte NE Q-24-8-16

Ground Level: GL 5430' & RKB 12' @ 5442.00ft			
+N/-S	+E/-W	Northing	Easting
0.00	0.00	7207599.49	2040374.13
		Latitude	Longitude
		40° 5' 52.480 N	110° 4' 12.690 W

REFERENCE INFORMATION

Co-ordinate (NE) Reference: Well Monument Butte NE Q-24-8-16, True North
 Vertical (TVD) Reference: GL 5430' & RKB 12' @ 5442.00ft
 Section (VS) Reference: Slot - (0.00N, 0.00E)
 Measured Depth Reference: GL 5430' & RKB 12' @ 5442.00ft
 Calculation Method: Minimum Curvature
 Local North: True
 Location: Sec. 24 T8S R16E

PROJECT DETAILS: Duchesne County, UT

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

Survey: Survey #1 (Monument Butte NE Q-24-8-16/C

Created By: Julie Cruse Date: 2007-08-25

Newfield Exploration Co.

Duchesne County, UT

Monument Butte NE Q-24-8-16

Monument Butte NE Q-24-8-16

OH

Survey: Survey #1

Standard Survey Report

25 August, 2007

Scientific Drilling Survey Report

Company: Newfield Exploration Co.	Local Co-ordinate Reference: Well Monument Butte NE Q-24-8-16
Project: Duchesne County, UT	TVD Reference: GL 5430' & RKB 12' @ 5442.00ft
Site: Monument Butte NE Q-24-8-16	MD Reference: GL 5430' & RKB 12' @ 5442.00ft
Well: Monument Butte NE Q-24-8-16	North Reference: True
Wellbore: OH	Survey Calculation Method: Minimum Curvature
Design: OH	Database: EDM 2003.14.1 Multi User

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

Site	Monument Butte NE Q-24-8-16, Sec. 24 T8S R16E				
Site Position:		Northing:	7,207,599.49 ft	Latitude:	40° 5' 52.480 N
From:	Lat/Long	Easting:	2,040,374.13 ft	Longitude:	110° 4' 12.690 W
Position Uncertainty:	0.00 ft	Slot Radius:	0.000 in	Grid Convergence:	0.92 °

Well	Monument Butte NE Q-24-8-16, SHL: 644' FSL, 1966' FWL					
Well Position	+N/-S	0.00 ft	Northing:	7,207,599.49 ft	Latitude:	40° 5' 52.480 N
	+E/-W	0.00 ft	Easting:	2,040,374.13 ft	Longitude:	110° 4' 12.690 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,430.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	2007-07-24	11.81	65.94	52,705

Design	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	317.20	

Survey Program	Date	2007-08-25			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
394.00	6,752.00	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
394.00	0.68	180.17	393.99	-2.34	-0.01	-1.71	0.17	0.17	0.00
425.00	0.55	191.59	424.99	-2.67	-0.04	-1.93	0.57	-0.42	36.84
456.00	0.33	287.67	455.99	-2.79	-0.15	-1.94	2.16	-0.71	309.94
486.00	0.81	296.97	485.99	-2.66	-0.42	-1.67	1.62	1.60	31.00
517.00	1.52	316.93	516.98	-2.26	-0.90	-1.05	2.60	2.29	64.39
548.00	2.10	312.38	547.96	-1.58	-1.60	-0.07	1.93	1.87	-14.68
578.00	2.66	319.03	577.94	-0.68	-2.46	1.17	2.08	1.87	22.17
609.00	3.03	325.38	608.90	0.53	-3.40	2.70	1.57	1.19	20.48
640.00	3.12	325.63	639.86	1.90	-4.34	4.35	0.29	0.29	0.81
671.00	3.27	325.02	670.81	3.32	-5.32	6.06	0.50	0.48	-1.97
701.00	3.52	325.29	700.76	4.78	-6.34	7.82	0.84	0.83	0.90
732.00	3.62	321.28	731.69	6.33	-7.49	9.73	0.87	0.32	-12.94

Scientific Drilling

Survey Report

Company: Newfield Exploration Co.
Project: Duchesne County, UT
Site: Monument Butte NE Q-24-8-16
Well: Monument Butte NE Q-24-8-16
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Monument Butte NE Q-24-8-16
TVD Reference: GL 5430' & RKB 12' @ 5442.00ft
MD Reference: GL 5430' & RKB 12' @ 5442.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.14.1 Multi User

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)
763.00	4.01	320.05	762.63	7.92	-8.80	11.79	1.29	1.26	-3.97
794.00	4.07	314.97	793.55	9.53	-10.28	13.97	1.17	0.19	-16.39
824.00	4.02	313.51	823.47	11.01	-11.79	16.09	0.38	-0.17	-4.87
855.00	4.19	315.25	854.40	12.56	-13.38	18.30	0.68	0.55	5.61
886.00	4.33	316.47	885.31	14.21	-14.98	20.61	0.54	0.45	3.94
917.00	4.94	316.15	916.21	16.02	-16.71	23.11	1.97	1.97	-1.03
948.00	5.04	317.16	947.09	17.98	-18.56	25.81	0.43	0.32	3.26
980.00	5.54	314.94	978.95	20.11	-20.61	28.76	1.69	1.56	-6.94
1,011.00	5.43	316.07	1,009.81	22.22	-22.69	31.72	0.50	-0.35	3.65
1,042.00	6.12	319.76	1,040.65	24.54	-24.77	34.84	2.53	2.23	11.90
1,073.00	6.42	321.31	1,071.47	27.15	-26.92	38.21	1.11	0.97	5.00
1,105.00	7.30	323.32	1,103.24	30.18	-29.26	42.02	2.85	2.75	6.28
1,136.00	8.22	322.12	1,133.96	33.51	-31.79	46.19	3.01	2.97	-3.87
1,168.00	8.99	319.01	1,165.60	37.20	-34.84	50.97	2.81	2.41	-9.72
1,199.00	9.53	316.93	1,196.19	40.90	-38.18	55.95	2.05	1.74	-6.71
1,230.00	9.82	315.96	1,226.75	44.68	-41.77	61.16	1.07	0.94	-3.13
1,261.00	10.56	317.69	1,257.26	48.68	-45.52	66.65	2.58	2.39	5.58
1,292.00	11.01	318.95	1,287.71	53.01	-49.38	72.44	1.64	1.45	4.06
1,324.00	11.12	320.51	1,319.12	57.70	-53.34	78.58	1.00	0.34	4.87
1,355.00	11.74	321.06	1,349.50	62.46	-57.23	84.71	2.03	2.00	1.77
1,386.00	12.70	321.43	1,379.80	67.58	-61.34	91.26	3.11	3.10	1.19
1,418.00	13.54	320.67	1,410.97	73.22	-65.90	98.50	2.68	2.62	-2.37
1,449.00	13.65	320.40	1,441.10	78.85	-70.53	105.78	0.41	0.35	-0.87
1,543.00	14.02	321.14	1,532.37	96.26	-84.75	128.21	0.44	0.39	0.79
1,635.00	14.57	318.84	1,621.52	113.65	-99.36	150.90	0.86	0.60	-2.50
1,729.00	15.02	317.67	1,712.41	131.56	-115.34	174.89	0.57	0.48	-1.24
1,824.00	14.89	317.73	1,804.19	149.69	-131.84	199.41	0.14	-0.14	0.06
1,917.00	14.71	316.93	1,894.10	167.16	-147.94	223.17	0.29	-0.19	-0.86
2,012.00	14.98	315.72	1,985.93	184.76	-164.75	247.50	0.43	0.28	-1.27
2,105.00	13.92	311.64	2,075.99	200.80	-181.50	270.65	1.58	-1.14	-4.39
2,199.00	11.94	311.85	2,167.60	214.80	-197.20	291.59	2.11	-2.11	0.22
2,292.00	11.20	315.90	2,258.71	227.70	-210.65	310.20	1.18	-0.80	4.35
2,387.00	10.94	320.82	2,351.95	241.32	-222.76	328.42	1.03	-0.27	5.18
2,478.00	11.25	318.59	2,441.25	254.67	-234.09	345.91	0.58	0.34	-2.45
2,570.00	11.08	316.24	2,531.51	267.78	-246.14	363.72	0.53	-0.18	-2.55
2,664.00	11.27	315.14	2,623.72	280.82	-258.87	381.93	0.30	0.20	-1.17
2,756.00	11.69	314.19	2,713.88	293.69	-271.89	400.22	0.50	0.46	-1.03
2,850.00	11.59	317.54	2,805.95	307.29	-285.09	419.17	0.73	-0.11	3.56
2,944.00	11.39	315.15	2,898.07	320.84	-298.02	437.89	0.55	-0.21	-2.54
3,037.00	11.02	313.33	2,989.30	333.45	-310.96	455.94	0.55	-0.40	-1.96
3,131.00	11.07	315.09	3,081.55	346.01	-323.86	473.92	0.36	0.05	1.87
3,223.00	12.06	317.70	3,171.69	359.37	-336.57	492.36	1.22	1.08	2.84
3,317.00	12.72	320.26	3,263.50	374.59	-349.79	512.51	0.91	0.70	2.72
3,410.00	12.45	318.58	3,354.26	389.98	-362.97	532.76	0.49	-0.29	-1.81
3,504.00	12.52	315.85	3,446.04	404.89	-376.77	553.07	0.63	0.07	-2.90
3,598.00	10.98	311.85	3,538.07	418.17	-390.54	572.17	1.85	-1.64	-4.26
3,691.00	12.13	316.31	3,629.19	431.15	-403.89	590.76	1.56	1.24	4.80
3,784.00	12.24	316.18	3,720.09	445.33	-417.46	610.39	0.12	0.12	-0.14
3,876.00	12.31	319.14	3,809.99	459.78	-430.63	629.94	0.69	0.08	3.22
3,970.00	11.95	315.70	3,901.89	474.33	-443.98	649.69	0.86	-0.38	-3.66
4,066.00	12.14	310.61	3,995.78	488.01	-458.59	669.65	1.12	0.20	-5.30
4,161.00	12.33	313.57	4,088.62	501.50	-473.52	689.70	0.69	0.20	3.12
4,254.00	11.37	315.14	4,179.64	514.85	-487.18	708.77	1.09	-1.03	1.69
4,348.00	12.27	323.88	4,271.65	529.48	-499.61	727.95	2.13	0.96	9.30

Scientific Drilling

Survey Report

Company:	Newfield Exploration Co.	Local Co-ordinate Reference:	Well Monument Butte NE Q-24-8-16
Project:	Duchesne County, UT	TVD Reference:	GL 5430' & RKB 12' @ 5442.00ft
Site:	Monument Butte NE Q-24-8-16	MD Reference:	GL 5430' & RKB 12' @ 5442.00ft
Well:	Monument Butte NE Q-24-8-16	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 2003.14.1 Multi User

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)
4,441.00	10.88	319.56	4,362.76	544.15	-511.12	746.54	1.76	-1.49	-4.65
4,536.00	9.84	314.89	4,456.21	556.70	-522.69	763.61	1.41	-1.09	-4.92
4,634.00	9.95	313.90	4,552.76	568.48	-534.73	780.43	0.21	0.11	-1.01
4,728.00	11.51	313.19	4,645.11	580.53	-547.42	797.89	1.67	1.66	-0.76
4,821.00	11.83	314.43	4,736.19	593.56	-560.99	816.67	0.44	0.34	1.33
4,914.00	12.17	316.65	4,827.15	607.36	-574.52	835.99	0.62	0.37	2.39
5,006.00	11.33	319.19	4,917.23	621.25	-587.09	854.72	1.07	-0.91	2.76
5,098.00	11.30	317.01	5,007.44	634.68	-599.14	872.77	0.47	-0.03	-2.37
5,192.00	12.30	317.86	5,099.45	648.84	-612.14	891.99	1.08	1.06	0.90
5,287.00	11.89	317.90	5,192.34	663.61	-625.49	911.89	0.43	-0.43	0.04
5,381.00	11.89	318.67	5,284.33	678.07	-638.38	931.26	0.17	0.00	0.82
5,474.00	10.77	318.54	5,375.51	691.77	-650.46	949.52	1.20	-1.20	-0.14
5,567.00	9.74	317.99	5,467.02	704.13	-661.47	966.07	1.11	-1.11	-0.59
5,660.00	8.12	318.92	5,558.89	714.93	-671.06	980.51	1.75	-1.74	1.00
5,755.00	7.03	319.05	5,653.06	724.37	-679.28	993.02	1.15	-1.15	0.14
5,849.00	6.00	318.40	5,746.46	732.39	-686.31	1,003.68	1.10	-1.10	-0.69
5,943.00	5.46	318.11	5,839.99	739.40	-692.55	1,013.07	0.58	-0.57	-0.31
6,037.00	5.07	316.80	5,933.59	745.75	-698.38	1,021.69	0.43	-0.41	-1.39
6,131.00	5.62	315.33	6,027.18	752.05	-704.46	1,030.45	0.60	0.59	-1.56
6,226.00	5.08	313.93	6,121.77	758.28	-710.76	1,039.29	0.58	-0.57	-1.47
6,318.00	4.62	310.00	6,213.44	763.49	-716.53	1,047.04	0.62	-0.50	-4.27
6,411.00	4.35	307.57	6,306.15	768.05	-722.20	1,054.23	0.35	-0.29	-2.61
6,504.00	3.68	304.97	6,398.92	771.91	-727.44	1,060.62	0.75	-0.72	-2.80
6,595.00	3.70	302.35	6,489.73	775.15	-732.31	1,066.32	0.19	0.02	-2.88
6,689.00	3.46	301.01	6,583.55	778.24	-737.31	1,071.97	0.27	-0.26	-1.43
6,706.00	3.08	299.16	6,600.52	778.72	-738.15	1,072.90	2.32	-2.24	-10.88
6,752.00	3.08	299.16	6,646.46	779.93	-740.30	1,075.25	0.00	0.00	0.00

Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
MBNE Q-24-8-16 Target - hit/miss target - Shape	0.00	0.00	5,300.00	676.00	-626.00	7,208,265.40	2,039,737.40	40° 5' 59.161 N	110° 4' 20.746 W
- survey misses by 14.99ft at 5394.46ft MD (5297.50 TVD, 680.13 N, -640.19 E)									
- Circle (radius 75.00)									
Old MBNC Q-24-8-16 BI	0.00	0.00	6,275.00	680.00	-643.00	7,208,269.12	2,039,720.34	40° 5' 59.200 N	110° 4' 20.965 W
- survey misses by 115.73ft at 6370.80ft MD (6266.07 TVD, 766.14 N, -719.77 E)									
- Point									

Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
394.00	393.99	-2.34	-0.01	First MWD Survey
6,752.00	6,646.46	779.93	-740.30	Projection to TD

Checked By: _____ Approved By: _____ Date: _____