

STATE OF UTAH
 DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NO.
ML-21839

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
South Monument Butte

8. FARM OR LEASE NAME
N/A

9. WELL NO.
So. Mon. Butte State #S-2-9-16

10. FIELD AND POOL OR WILDCAT
Monument Butte

11. QTR, QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN
**SE/SE
 Sec. 2, T9S, R16E**

12. County
Duchesne

13. STATE
UT

APPLICATION FOR PERMIT TO DRILL, DEEPEN

1a. TYPE OF WORK **DRILL** **DEEPEN**

1b. TYPE OF WELL

OIL GAS OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Newfield Production Company

3. ADDRESS AND TELEPHONE NUMBER:
Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721

4. LOCATION OF WELL (FOOTAGE)
 At Surface **SE/SE 578557' X 4434014' 40.054603 -110.078929
 748' FSL 687' FEL**
 At proposed Producing Zone **SE 1329' FSL 1321' FEL
 578363' X 4434189' 40.056199 -110.081247**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 12.4 miles southwest of Myton, UT

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
Approx. 1321' f/lse line and 1311' f/unit line

16. NO. OF ACRES IN LEASE
640.00

17. NO. OF ACRES ASSIGNED TO THIS WELL
20

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.
Approximately 1246' (Down Hole)

19. PROPOSED DEPTH
6500'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5511' GL

22. APPROX. DATE WORK WILL START*
4th Quarter 2006

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	290'	155 sx +/- 10%
7 7/8	5 1/2	15.5#	TD	275 sx lead followed by 450 sx tail
				See Detail Below

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give date on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

*The actual cement volumes will be calculated off of the open hole logs, plus 15% excess:

SURFACE PIPE - 155 sx Class G Cement +/- 10%, w/ 2% CaCl2 & 1/4#/sk Cello-flake
 Weight: 15.8 PPG YIELD: 1.17 Cu Ft/sk H2O Req: 5 gal/sk

LONG STRING - Lead: Premium Lite II Cement + 3lbs/sk BA-90 + 3% KCl + .25 lbs/sk Cello Flake + 2 lbs/sk Kol Seal + 10% Bentonite + .5% Sodium Metasilicate
 Weight: 11.0 PPG YIELD: 3.43 Cu Ft/sk H2O Req: 21.04 gal/sk

Tail: 50-50 Poz-Class G Cement + 3% KCl + .25 lbs/sk Cello Flake + 2% Bentonite + .3% Sodium Metasilicate
 Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H2O Req: 7.88 gal/sk

24. Name & Signature: Mandie Crozier Title: Regulatory Specialist Date: 6/19/2006
Mandie Crozier

(This space for State use only)

API Number Assigned: 43-013-33219 APPROVAL: _____

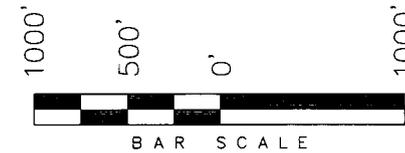
*See Instructions On Reverse Side

RECEIVED
 JUN 23 2006
 DIV. OF OIL, GAS & MINING

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

NEWFIELD PRODUCTION COMPANY

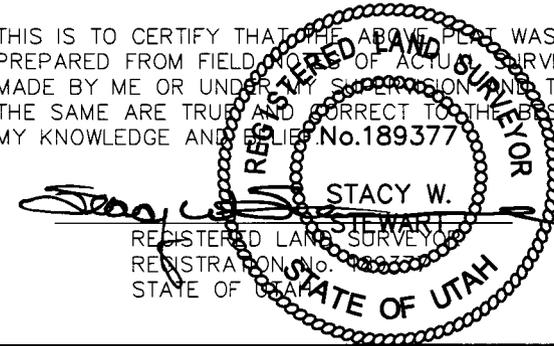
WELL LOCATION, S. MONUMENT BUTTE S-2-9-16, LOCATED AS SHOWN IN THE SE 1/4 SE 1/4 OF SECTION 2, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



Note:

- The bottom of hole bears N47°37'22"W 860.08' from the well head.

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



TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 5-15-06	SURVEYED BY: D.P.
DATE DRAWN: 05-22-06	DRAWN BY: F.T.M.
REVISED: 05-25-06 F.T.M.	SCALE: 1" = 1000'

S89°57'E (G.L.O.)

Lot 4

Lot 3

Lot 2

Lot 1

WELL LOCATION:
S. MONUMENT BUTTE S-2-9-16
ELEV. UNGRADED GROUND = 5511.0'

1995 Alum Cap

2

Bottom of Hole

1321'

DRILLING WINDOW

1329'

687'

Top of Hole

200'

748'

1910 Brass Cap

1910 Brass Cap

S89°56'W G.L.O. (Basis of Bearings)

S89°56'W - 79.80 (G.L.O.) 2641.47' (Measured)

S0°06'E - 80.06 (G.L.O.)

S00°10'31"E - 2663.16' (Meas.)

S0°14'E - 80.12 (G.L.O.)

◆ = SECTION CORNERS LOCATED

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

S. MONUMENT BUTTE S-2-9-16
(Surface Location) NAD 83
LATITUDE = 40° 03' 16.79"
LONGITUDE = 110° 04' 46.71"

NEWFIELD



ROCKY MOUNTAINS

June 27, 2006

43-013-33219

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; S. Monument Butte Unit UTU-79485X

- (1) State of Utah ML-21839, Duchesne Co., UT
State R-2-9-16; 2000' FSL, 1985' FEL (at surface)
1326' FSL, 2642' FEL (bottomhole)
Section 2-T9S-R16E
- (2) State of Utah ML-21839, Duchesne Co., UT;
State S-2-9-16; 748' FSL, 687' FEL (at surface)
1329' FSL, 1321' FEL (bottomhole)
Section 2-T9S-R16E
- (3) State of Utah ML-21839, Duchesne Co., UT;
State Q-2-9-16; 729' FSL, 1945' FWL (at surface)
1324' FSL, 1308' FWL (bottomhole)
Section 2-T9S-R16E

Dear Ms. Whitney:

Pursuant to the filing of Newfield Production Company's (hereinafter "NPC") Applications for Permit to Drill dated 06/19/06 (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 within the boundaries of the South Monument Butte Unit UTU-79485X. 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 the existing road and pipelines in the area.

Furthermore, NPC hereby certifies that NPC is the South Monument Butte Unit Operator and all lands within 460 feet of the entire directional well bores are within the South Monument Butte Unit.

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JUN 29 2006

DIV. OF OIL, GAS & MINING

June 27, 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,

Newfield Production Company

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

Rhonda Deimer
Land Associate

Enclosures

NEWFIELD PRODUCTION COMPANY
SOUTH MONUMENT BUTTE STATE #S-2-9-16
SE/SE SECTION 2, T9S, R16E
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0 – 1700'
Green River	1700'
Wasatch	6500'

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

Green River Formation 1700' – 6500' – Oil

4. **PROPOSED CASING PROGRAM:**

Surface Casing: 8-5/8" J-55 24# w/ST&C collars; set at 290' (New)

Production Casing: 5-1/2" J-55, 15.5# w/LT&C collars; set at TD (New or used, inspected).

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

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

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

The well will be drilled with a fresh water/polymer system will be utilized. If necessary, to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. This fresh water system typically will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride nor chromates will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

MUD PROGRAM

Surface – 3200'
3200' – TD'

MUD TYPE

fresh water
fresh water system

From about surface to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCL substitute additive. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite. No chromate additives will be used in the mud system.

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

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

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

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 290' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +/- . A cement bond log will be run from PBDT to cement top. No drill stem testing or coring is planned for this well.

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

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered; or that any other abnormal hazards such as H2S will be encountered in this area.

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

It is anticipated that the drilling operations will commence the fourth quarter of 2006, and take approximately seven (7) days from spud to rig release.

NEWFIELD PRODUCTION COMPANY
SOUTH MONUMENT BUTTE STATE #S-2-9-16
SE/SE SECTION 2, T9S, R16E
DUCHESNE COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. **EXISTING ROADS**

See attached **Topographic Map "A"**

To reach Newfield Production Company well location site South Monument Butte State S-2-9-16 located in the SE ¼ SE ¼ Section 2, T9S, R16E, S.L.B. & M., Duchesne County, Utah:

Proceed in a southwesterly direction out of Myton, Utah along Highway 40 approximately 1.6 ± miles to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 approximately 5.2 miles ± to its junction with an existing road to the southwest; proceed southwesterly approximately 2.9 miles ± to its junction with an existing road to the south; proceed southeasterly approximately 2.4 miles ± to its junction with an existing road to the southwest; proceed southwesterly approximately 0.3 miles ± to its junction with the beginning of the access road to the existing #16-2-9-16 well location; proceed along this access road to the proposed #S-2-9-16.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. **PLANNED ACCESS ROAD**

There is no proposed access road for this location. The proposed well will be drilled off of the existing 16-2-9-16 well pad. See attached **Topographic Map "B"**.

There will be no new gates or cattle guards required.

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 existing 16-2-9-16 well pad. There will be a pumping unit and a short flow line added to the existing tank battery for the proposed S-2-9-16.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted Desert Tan. All facilities will be painted within six months of installation.

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

Fresh water purchased from the Johnson Water District will be used for drilling. A temporary poly pipeline may be used for water transportation from our existing supply line from Johnson Water District, or trucked from Newfield Production Company's injection facilities – **EXHIBIT A**.

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed South Monument Butte State S-2-9-16 will be drilled off of the existing 16-2-9-16 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

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.

8. **ANCILLARY FACILITIES:**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT:**

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **PLANS FOR RESTORATION OF SURFACE:**

a) **Producing Location**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) **Dry Hole Abandoned Location**

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP:** State of Utah

12. **OTHER ADDITIONAL INFORMATION:**

- a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or

archaeological materials are uncovered during construction. Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.

- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the South Monument Butte State S-2-9-16, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the South Monument Butte State S-2-9-16 Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office shall be notified upon site completion prior to moving on the drilling rig.

13. **LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:**

Representative

Name:	Shon McKinnon	Brad Mecham
Address:	Newfield Production Company Route 3, Box 3630 Myton, UT 84052	Newfield Production Company Route 3, Box 3630 Myton, UT 84052
Telephone:	(435) 646-3721	(435) 646-4811

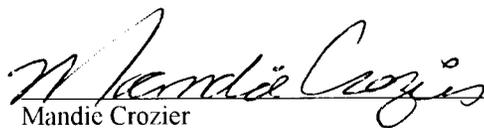
Certification

Please be advised that Newfield Production Company is considered to be the operator of well #S-2-9-16, SE/SE Section 2, T9S, R16E, LEASE #ML-21839, 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 Hartford Accident #4471291.

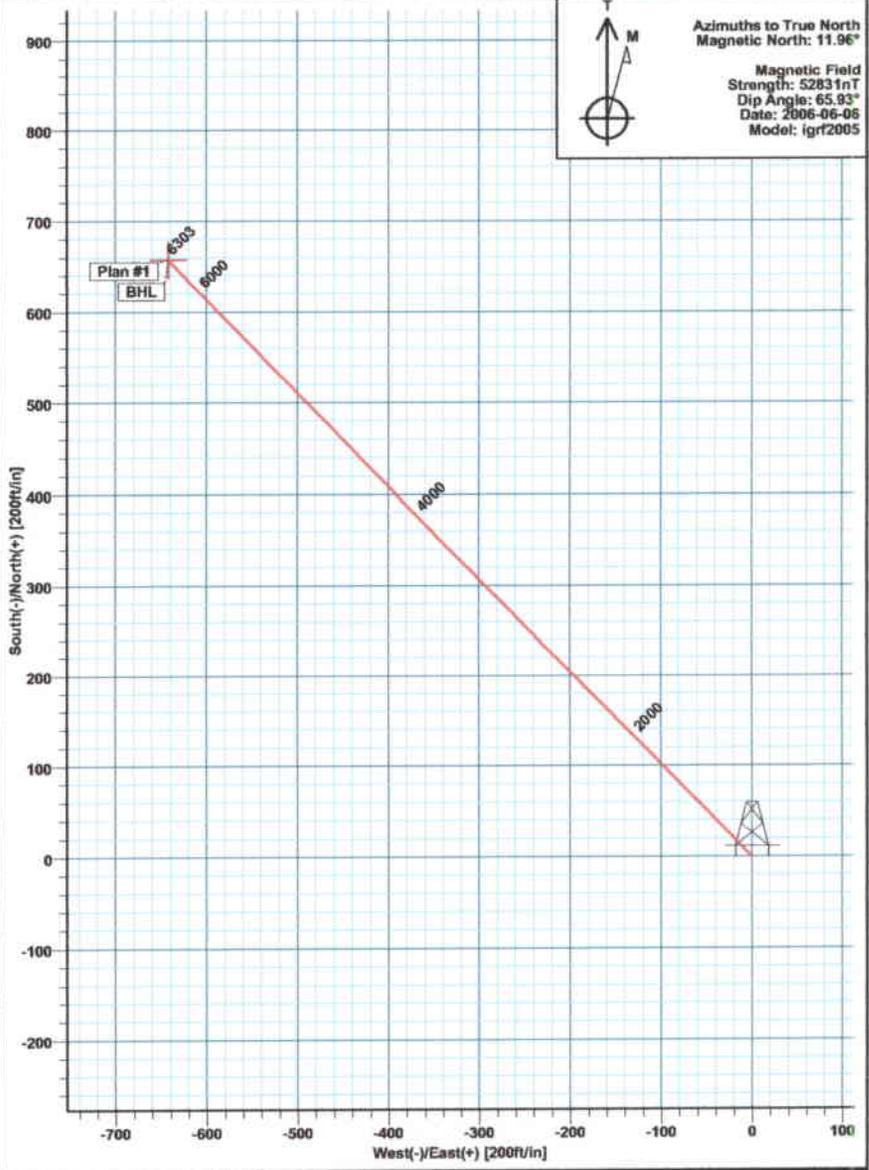
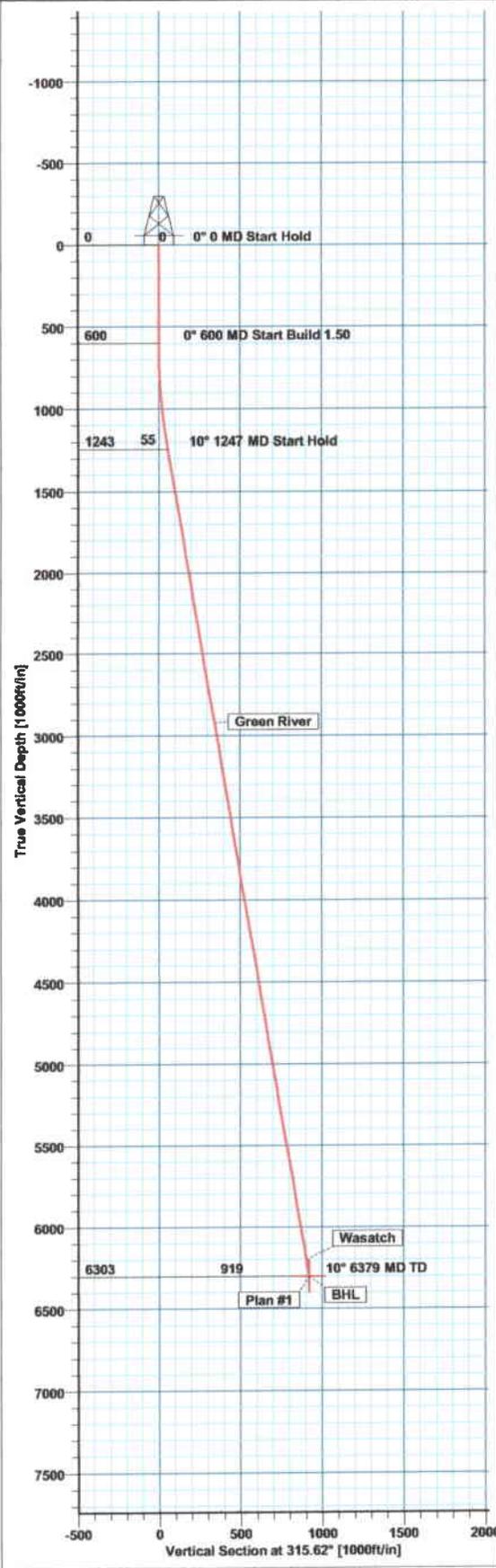
I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will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

Date June 19, 2006


Mandie Crozier
Regulatory Specialist
Newfield Production Company



Azimuths to True North
Magnetic North: 11.96°
Magnetic Field Strength: 52831nT
Dip Angle: 65.93°
Date: 2006-06-06
Model: igrf2005



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	DLag	TFace	VSec	Target
1	0.00	0.00	315.62	0.00	0.00	0.00	0.00	0.00	0.00	
2	600.00	0.99	315.62	600.00	0.00	0.00	0.00	0.00	0.00	
3	1246.00	0.70	315.62	1243.00	39.02	-32.19	1.50	315.62	64.00	
4	6370.44	0.70	315.62	6303.00	657.06	-643.08	0.00	0.00	919.20	BHL

WELL DETAILS

Name	+N-S	+E-W	Northing	Easting	Latitude	Longitude	Slot
SMB S-2-9-16	0.00	0.00	7191806.21	2037981.09	40°03'16.790N	110°04'46.710W	N/A

SITE DETAILS

S. Monument Butte S-2-9-16
Sec. 2 T9S R16E

Site Centre Latitude: 40°03'16.790N
Longitude: 110°04'46.710W

Ground Level: 5511.00
Positional Uncertainty: 0.00
Convergence: 0.91

Plan: Plan #1 (SMB S-2-9-16/OH)

Created By: Julie Seaman Date: 2006-06-06

FIELD DETAILS

Duchesne County, UT

Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: Utah, Central Zone
Magnetic Model: igrf2005

System Datum: Mean Sea Level
Local North: True North



Scientific Drilling International Planning Report

Company: Newfield Exploration Co.	Date: 2006-06-06	Time: 16:58:31	Page: 1
Field: Duchesne County, UT	Co-ordinate(NE) Reference: Well: SMB S-2-9-16, True North		
Site: S. Monument Butte S-2-9-16	Vertical (TVD) Reference: GL 5511' & RKB 12' 5523.0		
Well: SMB S-2-9-16	Section (VS) Reference: Well (0.00N,0.00E,315.62Azi)		
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: S. Monument Butte S-2-9-16
Sec. 2 T9S R16E

Site Position:	Northing: 7191806.21 ft	Latitude: 40 3 16.790 N
From: Geographic	Easting: 2037981.09 ft	Longitude: 110 4 46.710 W
Position Uncertainty: 0.00 ft		North Reference: True
Ground Level: 5511.00 ft		Grid Convergence: 0.91 deg

Well: SMB S-2-9-16	Slot Name:
SHL: 672' FSL, 677' FEL	
Well Position: +N/-S 0.00 ft	Northing: 7191806.21 ft
+E/-W 0.00 ft	Easting: 2037981.09 ft
Position Uncertainty: 0.00 ft	Latitude: 40 3 16.790 N
	Longitude: 110 4 46.710 W

Wellpath: OH	Drilled From: Surface
Current Datum: GL 5511' & RKB 12'	Tie-on Depth: 0.00 ft
Magnetic Data: 2006-06-06	Above System Datum: Mean Sea Level
Field Strength: 52831 nT	Declination: 11.96 deg
Vertical Section: Depth From (TVD)	Mag Dip Angle: 65.93 deg
ft	+N/-S ft
	+E/-W ft
	Direction deg
6303.00	0.00
	0.00
	315.62

Plan: Plan #1	Date Composed: 2006-06-06
	Version: 1
Principal: Yes	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	315.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	315.62	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1246.56	9.70	315.62	1243.48	39.02	-38.18	1.50	1.50	0.00	315.62	
6379.44	9.70	315.62	6303.00	657.00	-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	315.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	315.62	100.00	0.00	0.00	0.00	0.00	0.00	0.00	315.62
200.00	0.00	315.62	200.00	0.00	0.00	0.00	0.00	0.00	0.00	315.62
300.00	0.00	315.62	300.00	0.00	0.00	0.00	0.00	0.00	0.00	315.62
400.00	0.00	315.62	400.00	0.00	0.00	0.00	0.00	0.00	0.00	315.62
500.00	0.00	315.62	500.00	0.00	0.00	0.00	0.00	0.00	0.00	315.62
600.00	0.00	315.62	600.00	0.00	0.00	0.00	0.00	0.00	0.00	315.62

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	315.62	699.99	0.94	-0.92	1.31	1.50	1.50	0.00	0.00
800.00	3.00	315.62	799.91	3.74	-3.66	5.23	1.50	1.50	0.00	0.00
900.00	4.50	315.62	899.69	8.42	-8.24	11.77	1.50	1.50	0.00	0.00
1000.00	6.00	315.62	999.27	14.95	-14.64	20.92	1.50	1.50	0.00	0.00
1100.00	7.50	315.62	1098.57	23.35	-22.86	32.68	1.50	1.50	0.00	0.00
1200.00	9.00	315.62	1197.54	33.61	-32.89	47.03	1.50	1.50	0.00	0.00
1246.56	9.70	315.62	1243.48	39.02	-38.18	54.59	1.50	1.50	0.00	0.00



Scientific Drilling International

Planning Report

Company: Newfield Exploration Co.
Field: Duchesne County, UT
Site: S. Monument Butte S-2-9-16
Well: SMB S-2-9-16
Wellpath: OH

Date: 2006-06-06 **Time:** 16:58:31 **Page:** 3
Co-ordinate(NE) Reference: Well: SMB S-2-9-16, True North
Vertical (TVD) Reference: GL 5511' & RKB 12' 5523.0
Section (VS) Reference: Well (0.00N,0.00E,315.62Azi)
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
500.00	0.00	315.62	500.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
600.00	0.00	315.62	600.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
700.00	1.50	315.62	699.99	0.94	-0.92	1.31	1.50	1.50	0.00	MWD
800.00	3.00	315.62	799.91	3.74	-3.66	5.23	1.50	1.50	0.00	MWD
900.00	4.50	315.62	899.69	8.42	-8.24	11.77	1.50	1.50	0.00	MWD
1000.00	6.00	315.62	999.27	14.95	-14.64	20.92	1.50	1.50	0.00	MWD
1100.00	7.50	315.62	1098.57	23.35	-22.86	32.68	1.50	1.50	0.00	MWD
1200.00	9.00	315.62	1197.54	33.61	-32.89	47.03	1.50	1.50	0.00	MWD
1246.56	9.70	315.62	1243.48	39.02	-38.18	54.59	1.50	1.50	0.00	MWD
1300.00	9.70	315.62	1296.15	45.45	-44.48	63.59	0.00	0.00	0.00	MWD
1400.00	9.70	315.62	1394.72	57.49	-56.26	80.44	0.00	0.00	0.00	MWD
1500.00	9.70	315.62	1493.29	69.53	-68.05	97.29	0.00	0.00	0.00	MWD
1600.00	9.70	315.62	1591.87	81.57	-79.83	114.13	0.00	0.00	0.00	MWD
1700.00	9.70	315.62	1690.44	93.61	-91.61	130.98	0.00	0.00	0.00	MWD
1800.00	9.70	315.62	1789.01	105.65	-103.40	147.82	0.00	0.00	0.00	MWD
1900.00	9.70	315.62	1887.58	117.69	-115.18	164.67	0.00	0.00	0.00	MWD
2000.00	9.70	315.62	1986.15	129.73	-126.96	181.52	0.00	0.00	0.00	MWD
2100.00	9.70	315.62	2084.72	141.77	-138.75	198.36	0.00	0.00	0.00	MWD
2200.00	9.70	315.62	2183.29	153.81	-150.53	215.21	0.00	0.00	0.00	MWD
2300.00	9.70	315.62	2281.86	165.85	-162.31	232.06	0.00	0.00	0.00	MWD
2400.00	9.70	315.62	2380.43	177.89	-174.10	248.90	0.00	0.00	0.00	MWD
2500.00	9.70	315.62	2479.00	189.93	-185.88	265.75	0.00	0.00	0.00	MWD
2600.00	9.70	315.62	2577.57	201.97	-197.66	282.60	0.00	0.00	0.00	MWD
2700.00	9.70	315.62	2676.14	214.01	-209.44	299.44	0.00	0.00	0.00	MWD
2800.00	9.70	315.62	2774.72	226.04	-221.23	316.29	0.00	0.00	0.00	MWD
2900.00	9.70	315.62	2873.29	238.08	-233.01	333.13	0.00	0.00	0.00	MWD
2950.43	9.70	315.62	2923.00	244.16	-238.95	341.63	0.00	0.00	0.00	Green River
3000.00	9.70	315.62	2971.86	250.12	-244.79	349.98	0.00	0.00	0.00	MWD
3100.00	9.70	315.62	3070.43	262.16	-256.58	366.83	0.00	0.00	0.00	MWD
3200.00	9.70	315.62	3169.00	274.20	-268.36	383.67	0.00	0.00	0.00	MWD
3300.00	9.70	315.62	3267.57	286.24	-280.14	400.52	0.00	0.00	0.00	MWD
3400.00	9.70	315.62	3366.14	298.28	-291.93	417.37	0.00	0.00	0.00	MWD
3500.00	9.70	315.62	3464.71	310.32	-303.71	434.21	0.00	0.00	0.00	MWD
3600.00	9.70	315.62	3563.28	322.36	-315.49	451.06	0.00	0.00	0.00	MWD
3700.00	9.70	315.62	3661.85	334.40	-327.28	467.90	0.00	0.00	0.00	MWD
3800.00	9.70	315.62	3760.42	346.44	-339.06	484.75	0.00	0.00	0.00	MWD
3900.00	9.70	315.62	3858.99	358.48	-350.84	501.60	0.00	0.00	0.00	MWD
4000.00	9.70	315.62	3957.56	370.52	-362.63	518.44	0.00	0.00	0.00	MWD
4100.00	9.70	315.62	4056.14	382.56	-374.41	535.29	0.00	0.00	0.00	MWD
4200.00	9.70	315.62	4154.71	394.60	-386.19	552.14	0.00	0.00	0.00	MWD
4300.00	9.70	315.62	4253.28	406.64	-397.98	568.98	0.00	0.00	0.00	MWD
4400.00	9.70	315.62	4351.85	418.68	-409.76	585.83	0.00	0.00	0.00	MWD
4500.00	9.70	315.62	4450.42	430.72	-421.54	602.68	0.00	0.00	0.00	MWD
4600.00	9.70	315.62	4548.99	442.76	-433.33	619.52	0.00	0.00	0.00	MWD
4700.00	9.70	315.62	4647.56	454.80	-445.11	636.37	0.00	0.00	0.00	MWD
4800.00	9.70	315.62	4746.13	466.84	-456.89	653.21	0.00	0.00	0.00	MWD
4900.00	9.70	315.62	4844.70	478.88	-468.67	670.06	0.00	0.00	0.00	MWD
5000.00	9.70	315.62	4943.27	490.92	-480.46	686.91	0.00	0.00	0.00	MWD
5100.00	9.70	315.62	5041.84	502.96	-492.24	703.75	0.00	0.00	0.00	MWD
5200.00	9.70	315.62	5140.41	515.00	-504.02	720.60	0.00	0.00	0.00	MWD
5300.00	9.70	315.62	5238.98	527.04	-515.81	737.45	0.00	0.00	0.00	MWD
5400.00	9.70	315.62	5337.56	539.08	-527.59	754.29	0.00	0.00	0.00	MWD
5500.00	9.70	315.62	5436.13	551.12	-539.37	771.14	0.00	0.00	0.00	MWD



Scientific Drilling International Planning Report

Company: Newfield Exploration Co.	Date: 2006-06-06	Time: 16:58:31	Page: 4
Field: Duchesne County, UT	Co-ordinate(NE) Reference: Well: SMB S-2-9-16, True North		
Site: S. Monument Butte S-2-9-16	Vertical (TVD) Reference: GL 5511' & RKB 12' 5523.0		
Well: SMB S-2-9-16	Section (VS) Reference: Well (0.00N,0.00E,315.62Azi)		
Wellpath: OH	Plan:	Plan #1	

Survey

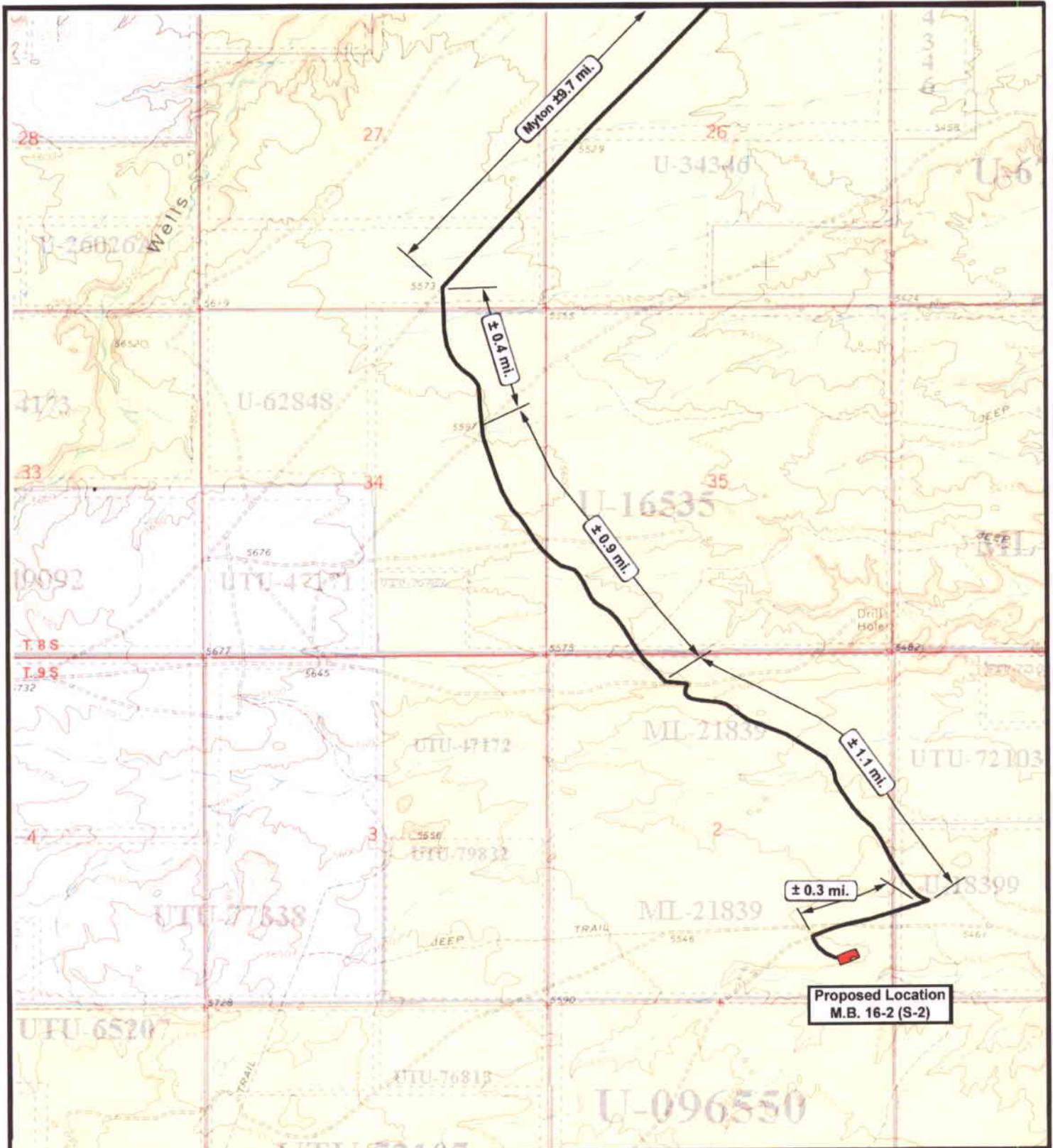
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
5600.00	9.70	315.62	5534.70	563.16	-551.16	787.98	0.00	0.00	0.00	MWD
5700.00	9.70	315.62	5633.27	575.20	-562.94	804.83	0.00	0.00	0.00	MWD
5800.00	9.70	315.62	5731.84	587.24	-574.72	821.68	0.00	0.00	0.00	MWD
5900.00	9.70	315.62	5830.41	599.28	-586.51	838.52	0.00	0.00	0.00	MWD
6000.00	9.70	315.62	5928.98	611.32	-598.29	855.37	0.00	0.00	0.00	MWD
6100.00	9.70	315.62	6027.55	623.36	-610.07	872.22	0.00	0.00	0.00	MWD
6200.00	9.70	315.62	6126.12	635.40	-621.86	889.06	0.00	0.00	0.00	MWD
6272.92	9.70	315.62	6198.00	644.17	-630.45	901.35	0.00	0.00	0.00	Wasatch
6300.00	9.70	315.62	6224.69	647.44	-633.64	905.91	0.00	0.00	0.00	MWD
6379.44	9.70	315.62	6303.00	657.00	-643.00	919.29	0.00	0.00	0.00	BHL

Targets

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude →		← Longitude →					
							Deg	Min	Sec	Deg	Min	Sec		
BHL		6303.00	657.00	-643.00	7192452.92	2037327.74	40	3	23.283	N	110	4	54.980	W
-Plan hit target														

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
2950.43	2923.00	Green River		0.00	0.00
6272.92	6198.00	Wasatch		0.00	0.00



NEWFIELD
Exploration Company

Monument Butte 16-2-9-16 (S-2)
SEC. 2, T9S, R16E, S.L.B.&M.



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

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 05-23-2006

Legend

 Existing Road

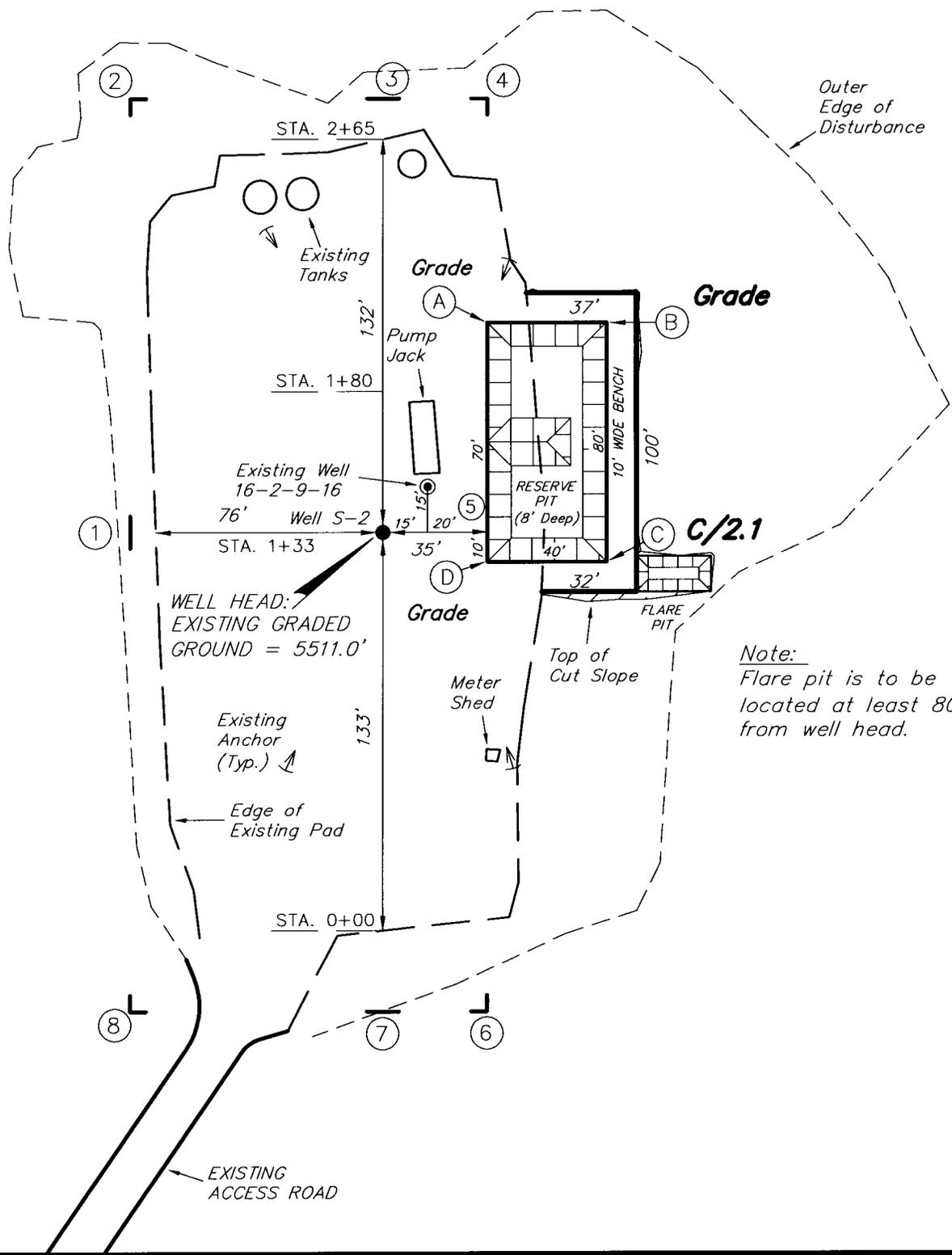
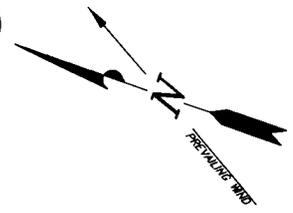
TOPOGRAPHIC MAP

"B"

NEWFIELD PRODUCTION COMPANY

S. MONUMENT BUTTE 16-2-9-16 (S-2)

Section 2, T9S, R16E, S.L.B.&M.



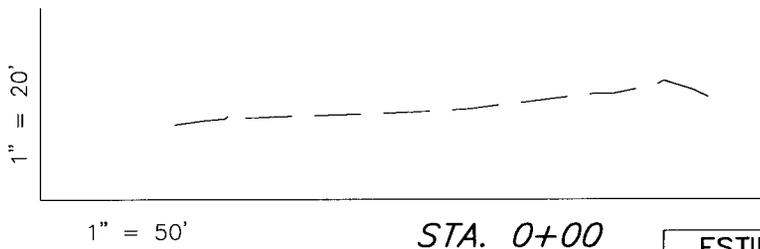
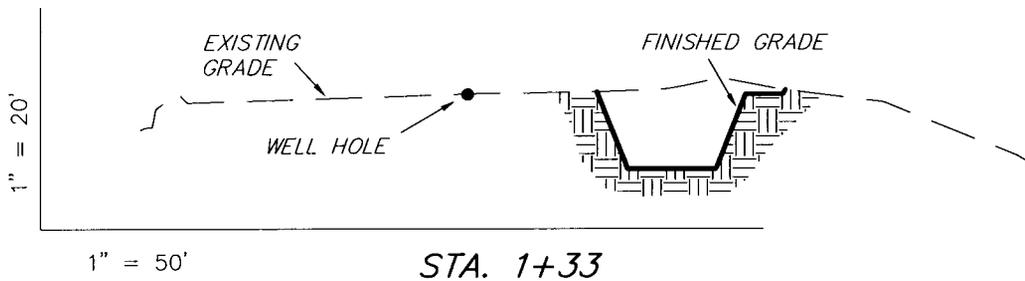
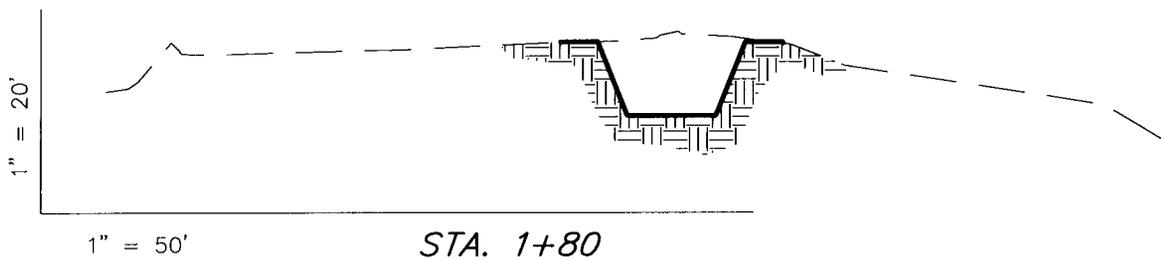
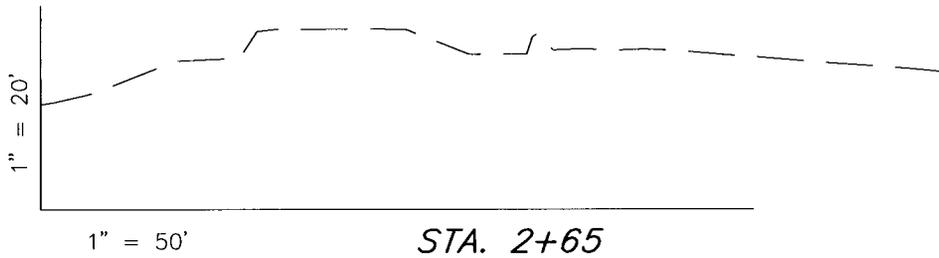
Note:
Flare pit is to be located at least 80' from well head.

SURVEYED BY: D.P.	SCALE: 1" = 50'	<p style="font-size: small;">(435) 781-2501 180 NORTH VERNAL AVE. VERNAL, UTAH 84078</p>
DRAWN BY: F.T.M.	DATE: 05-22-06	

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

S. MONUMENT BUTTE 16-2-9-16 (S-2)



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	130	10	Topsoil is not included in Pad Cut	120
PIT	640	0		640
TOTALS	770	10	N/A	760

SURVEYED BY: D.P.

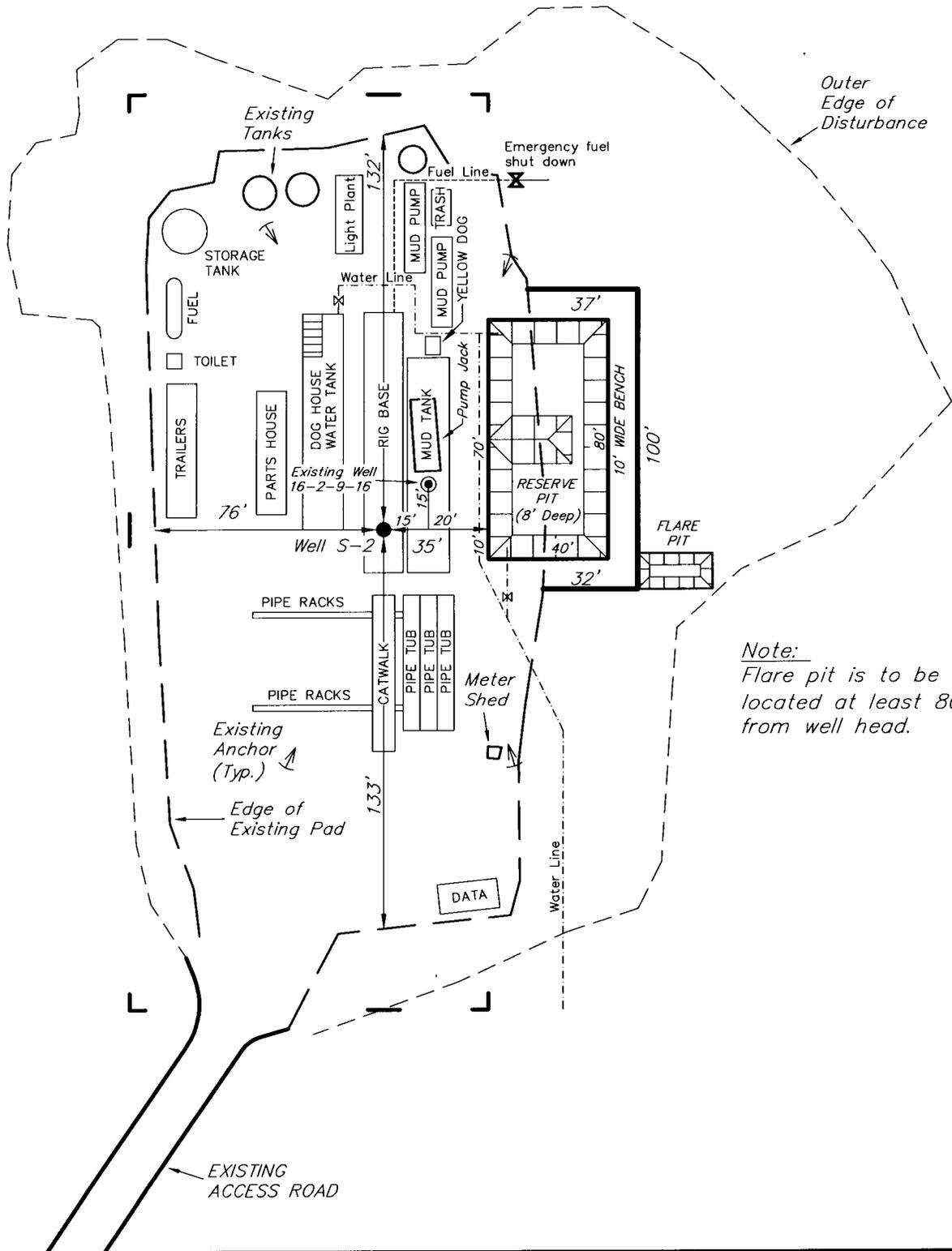
SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 05-22-06

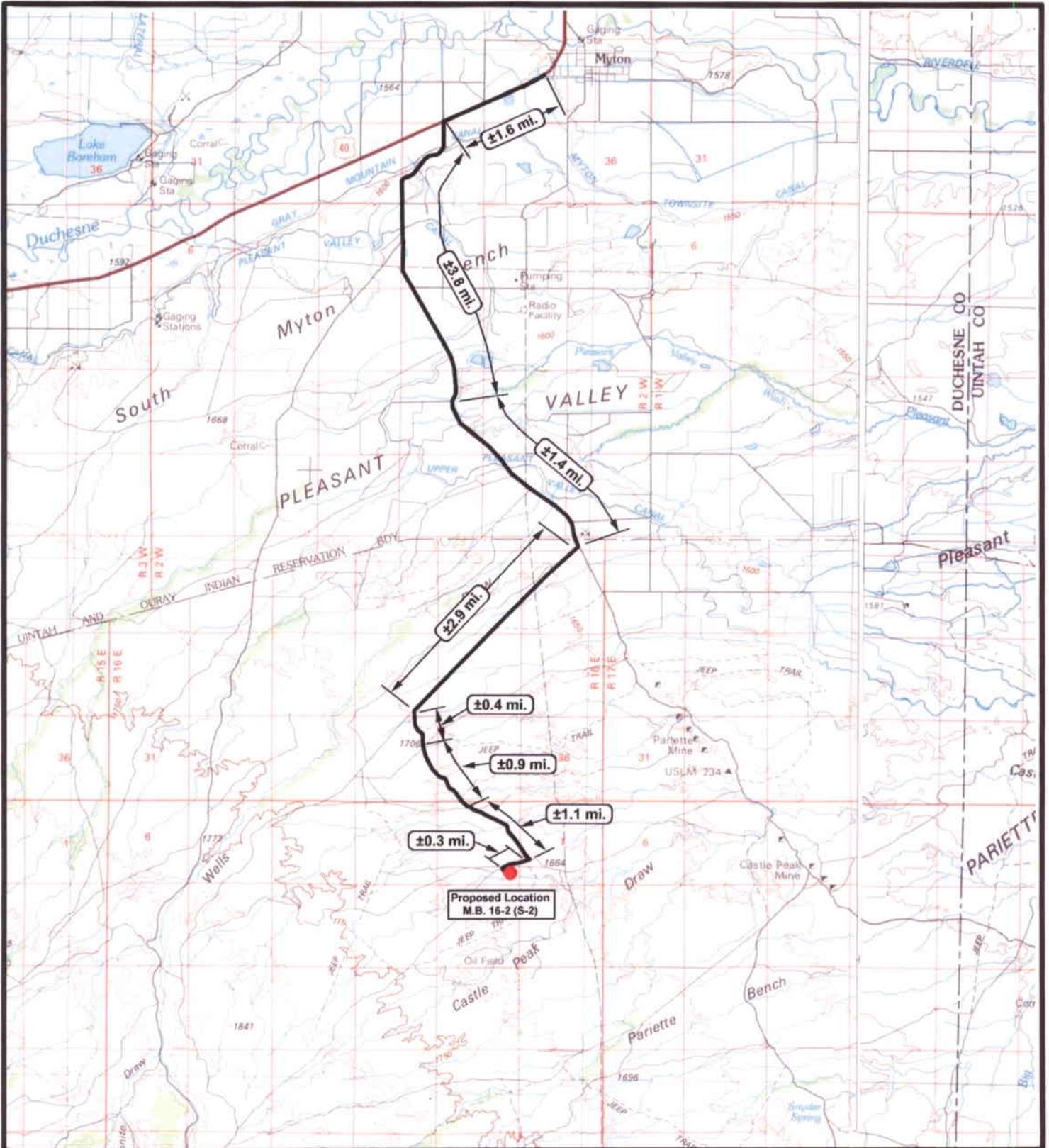
Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY
TYPICAL RIG LAYOUT
S. MONUMENT BUTTE 16-2-9-16 (S-2)



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

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



Proposed Location
M.B. 16-2 (S-2)



NEWFIELD
Exploration Company

Monument Butte 16-2-9-16 (S-2)
SEC. 2, T9S, R16E, S.L.B.&M.



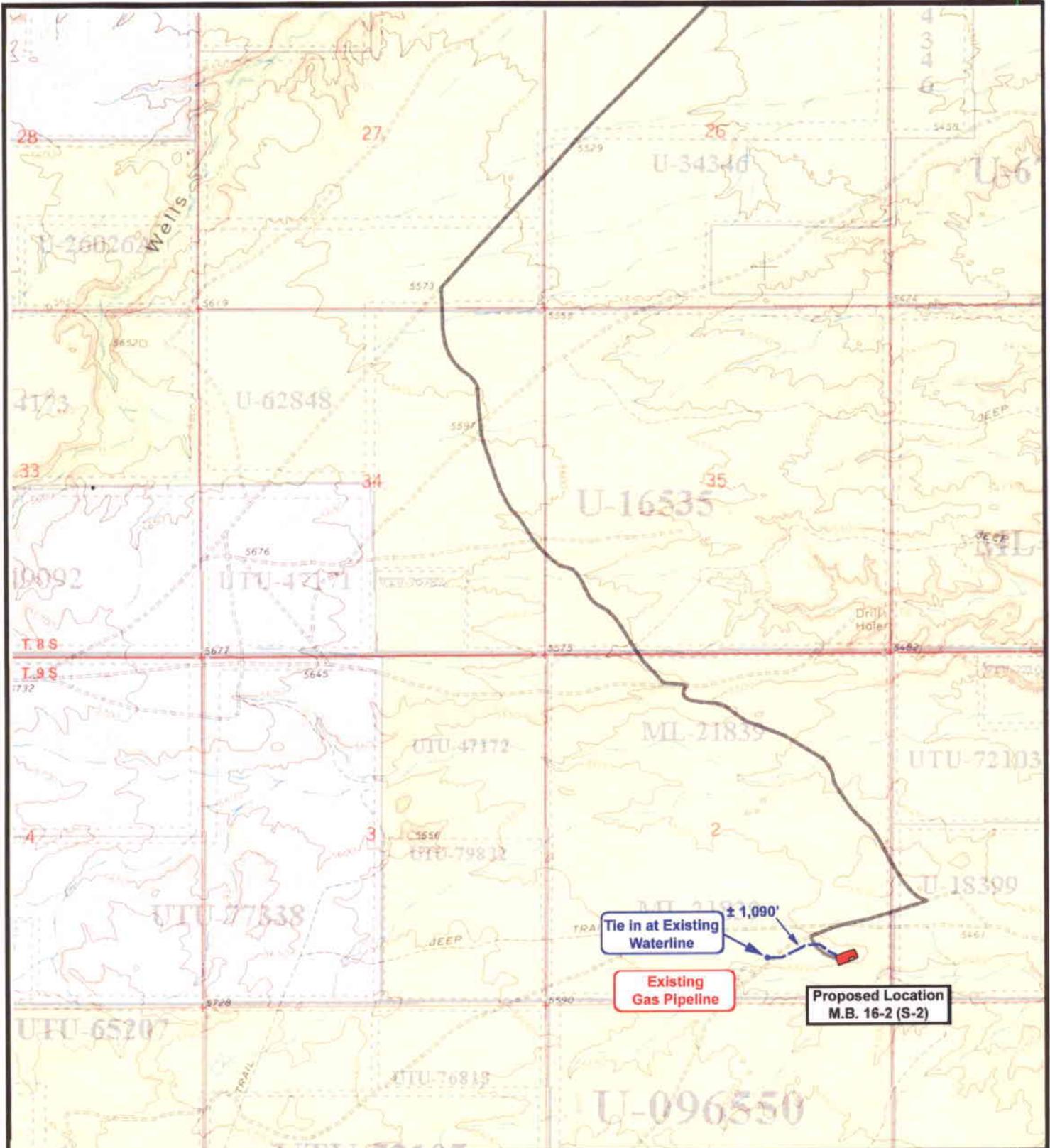

Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 05-23-2006

Legend

Existing Road

TOPOGRAPHIC MAP
"A"



NEWFIELD
Exploration Company

Monument Butte 16-2-9-16 (S-2)
SEC. 2, T9S, R16E, S.L.B.&M.



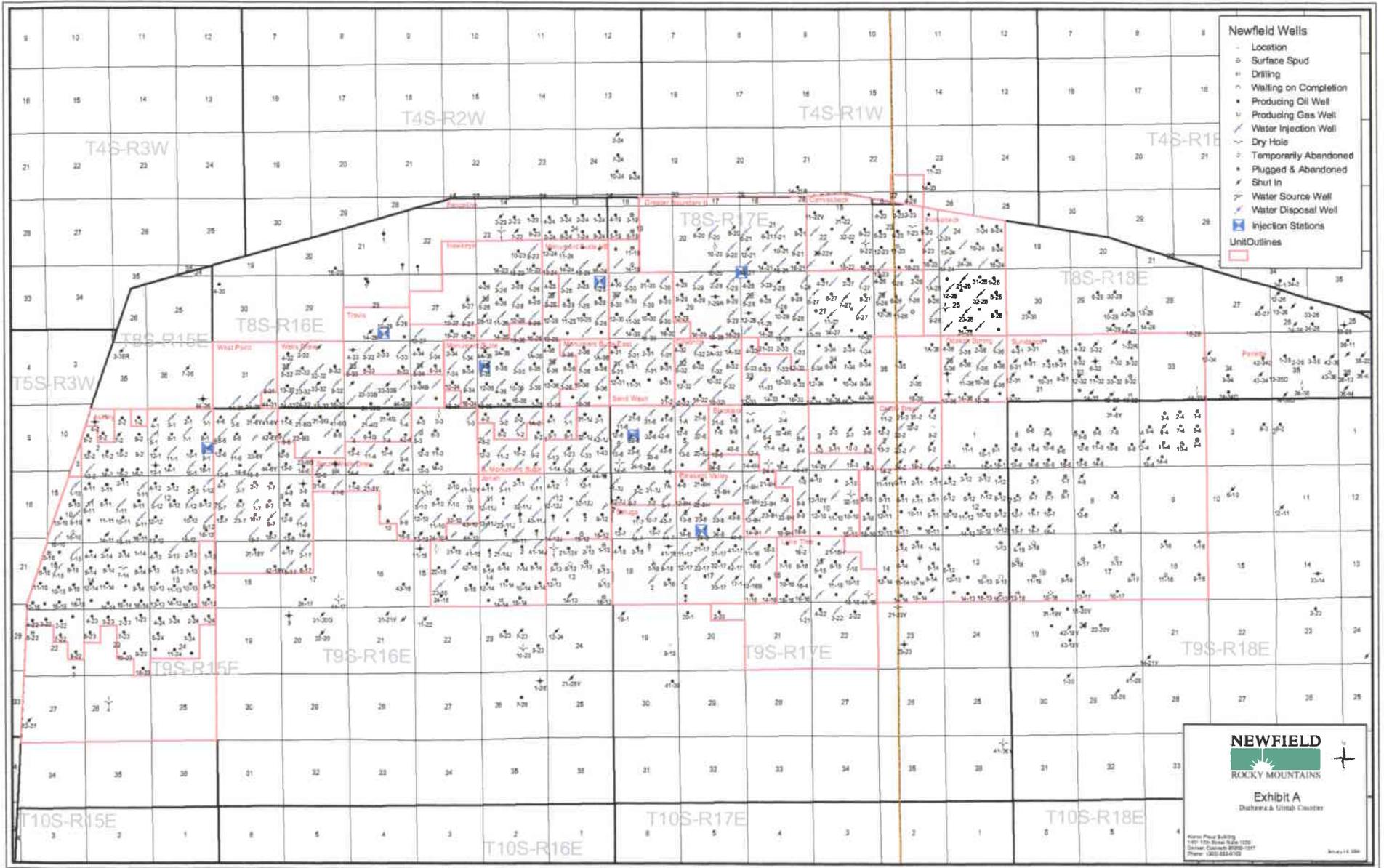
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

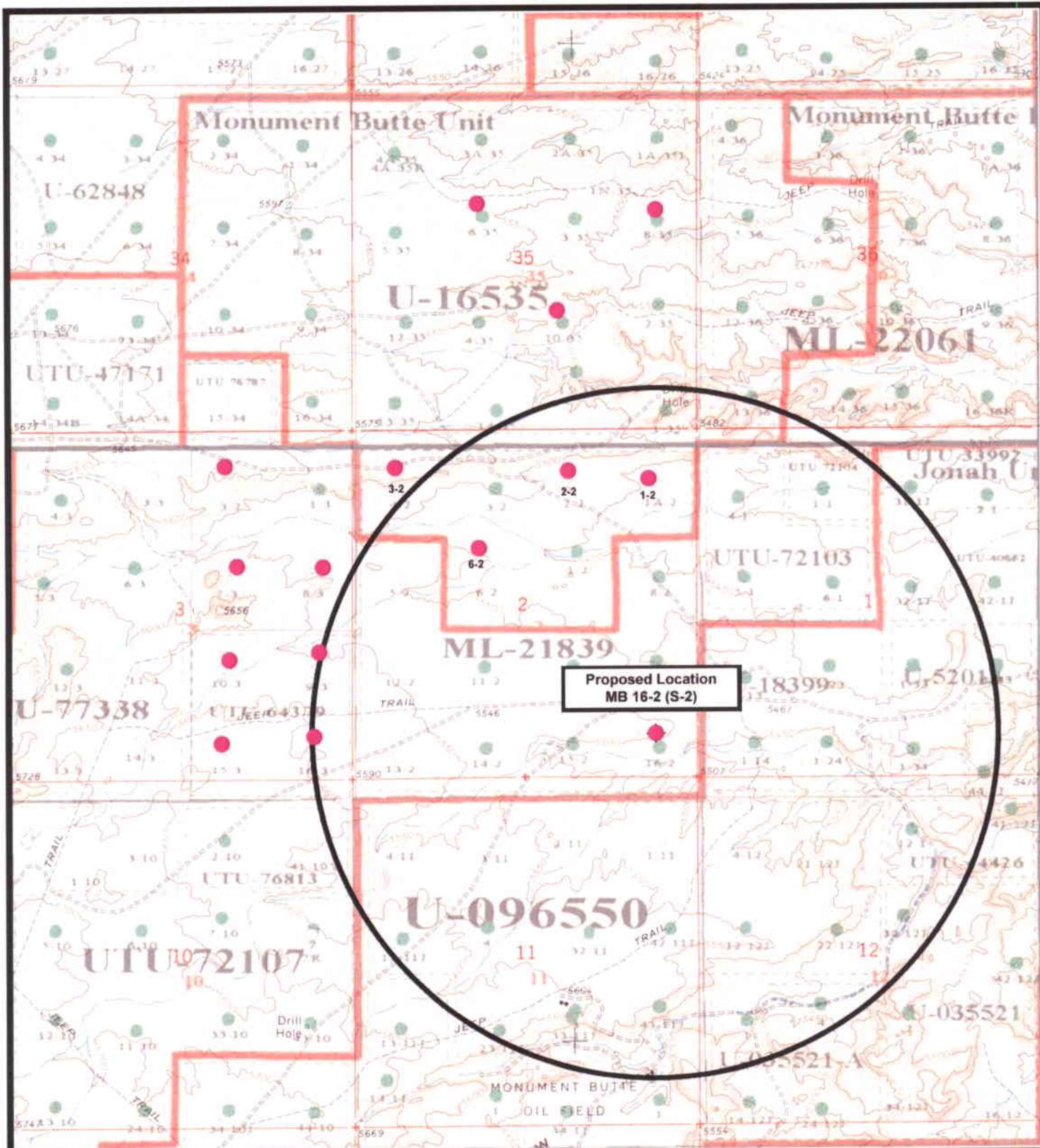
SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 05-23-2006

Legend

- Roads
- Proposed Water Line

TOPOGRAPHIC MAP
"C"





**Proposed Location
MB 16-2 (S-2)**



NEWFIELD
Exploration Company

**Monument Butte 16-2-9-16 (S-2)
SEC. 2, T9S, R16E, S.L.B.&M.**




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

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 05-23-2006

Legend

- Location
- One-Mile Radius

Exhibit "B"

2-M SYSTEM
Blowout Prevention Equipment Systems

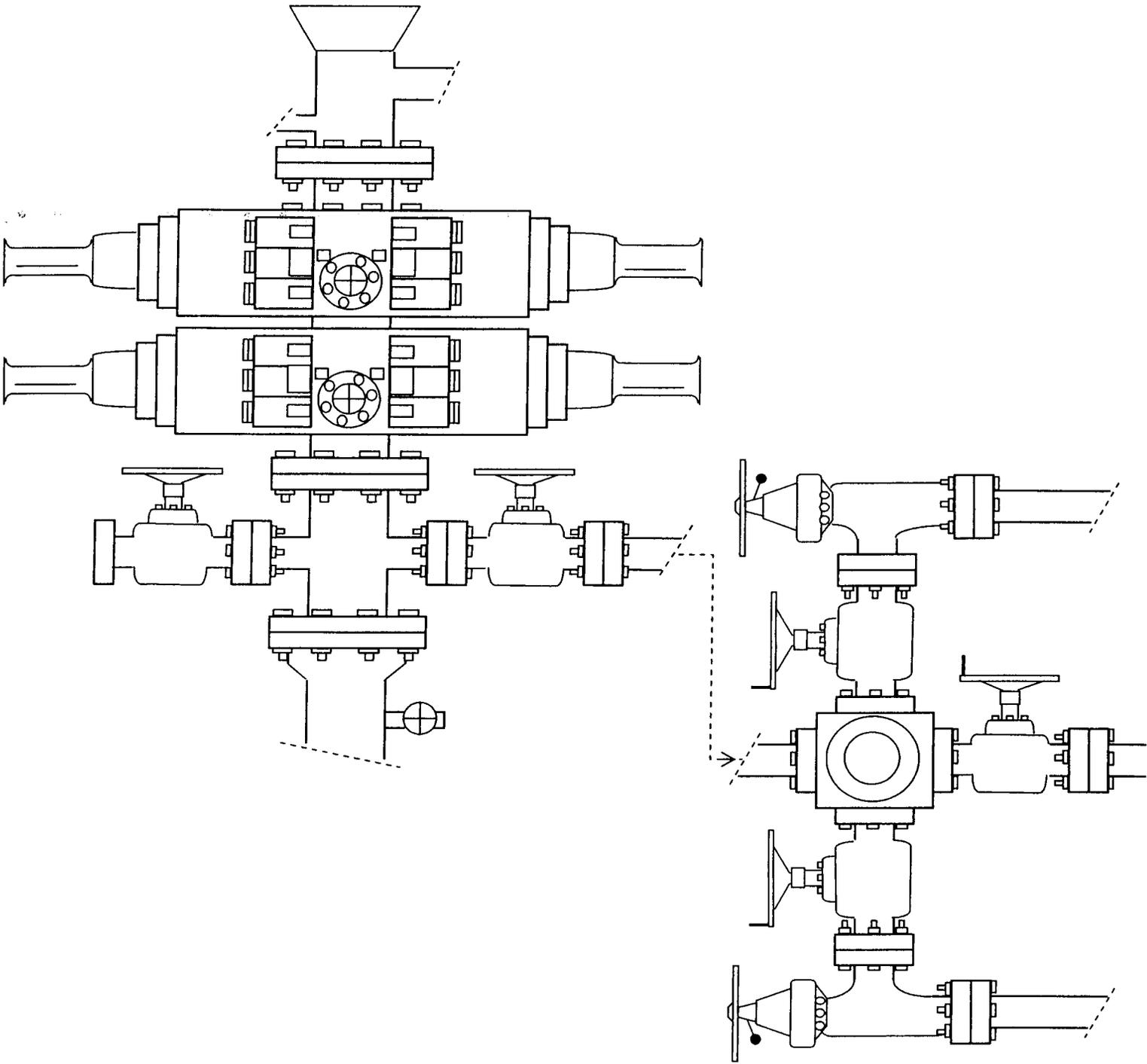


EXHIBIT C

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 06/23/2006

API NO. ASSIGNED: 43-013-33219

WELL NAME: SO MON BUTTE ST S-2-9-16
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SESE 02 090S 160E
 SURFACE: 0748 FSL 0687 FEL
 BOTTOM: 1329 FSL 1321 FEL
 COUNTY: DUCHESNE
 LATITUDE: 40.05460 LONGITUDE: -110.0790
 UTM SURF EASTINGS: 578557 NORTHINGS: 4434014
 FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	D.C.D.	7/29/06
Geology		
Surface		

LEASE TYPE: 3 - State
 LEASE NUMBER: ML-21839
 SURFACE OWNER: 3 - State

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

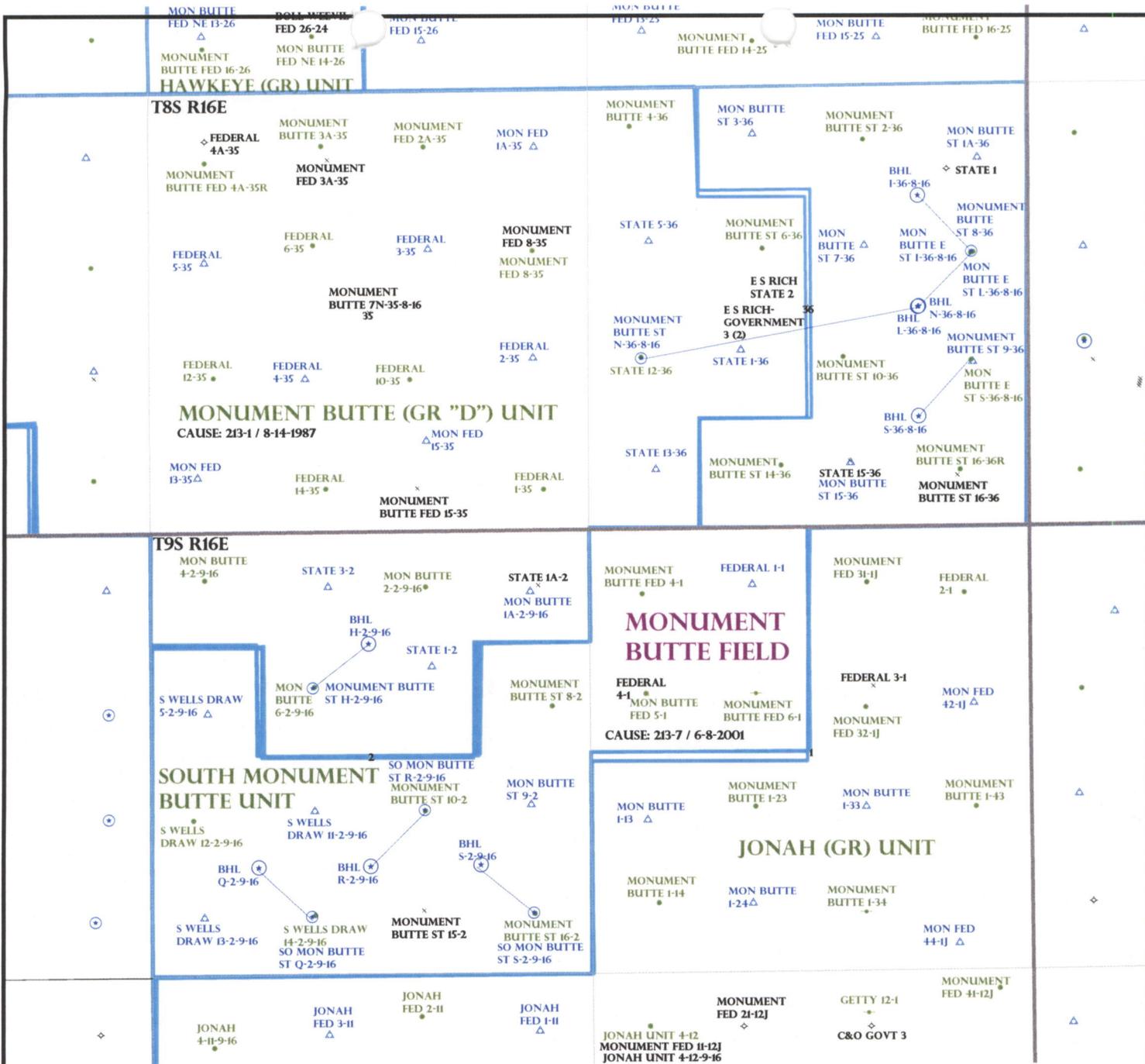
- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]
(No. B001834)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. MUNICIPAL)
- RDCC Review (Y/N)
(Date:)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit: S MONUMENT BUTTE (GR)
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 213-7
Eff Date: 6-8-2006
Siting: Suspending General Siting
- R649-3-11. Directional Drill

COMMENTS: Needs Permit (07-13-06)

STIPULATIONS: 1- STATEMENT OF BASIS



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 2 T. 9S R. 16E

FIELD: MONUMENT BUTTE (105)

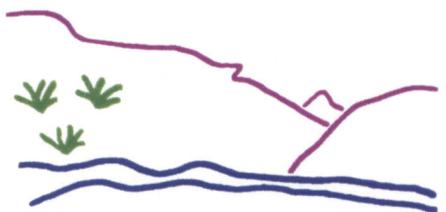
COUNTY: DUCHESNE

CAUSE: 213-7 / 6-8-2001

- 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: 14-JULY-2006

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: Newfield Production Company
WELL NAME & NUMBER: So Monument Butte State #S-2-9-16
API NUMBER: 43-013-33219
LEASE: ML-21839 **FIELD/UNIT:** Monument Butte
LOCATION: 1/4,1/4 SE/SE **Sec:** 02 **TWP:** 09S **RNG:** 16E 748 **FSL** 687 **FEL**
LEGAL WELL SITING. : General siting suspended.
GPS COORD (UTM): X =0578562 E; Y =4434024 N **SURFACE OWNER:** SITLA

PARTICIPANTS

Dennis L Ingram (DOGM) Ben Williams (UDWR) Shon Mckinnon (Newfield)

REGIONAL/LOCAL SETTING & TOPOGRAPHY

Proposed approximately 10.0 miles south of Myton, Utah on an existing pad, the So. Monument Butte State #14-2-9-16. This well stakes up 1.2 miles north of Castle Peak Draw and is centrally located between the Wells Draw and the Pleasant Valley Roads. The elevation in this region drops northeast and drains toward Pleasant Valley, from broad ridge or tabletop type habitat. Wells Draw is located approximately 2.5 +/- miles northwest of this site.

SURFACE USE PLAN

CURRENT SURFACE USE: Existing oil well, the So Monument Butte State #16-2-9-16

PROPOSED SURFACE DISTURBANCE: Existing location with new dirt work into previously remediated lands, no additional surface disturbance

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: There are 40 injectors or oil and gas wells within a one mile radius

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: Pump jack and short flowline into existing tanks and treater equipment already on site.

SOURCE OF CONSTRUCTION MATERIAL: Native cut and fill using borrowed material, existing pad, minimal dirt work.

ANCILLARY FACILITIES: None requested

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS? (EXPLAIN): NO

WASTE MANAGEMENT PLAN:

Submitted to the Division with the Application to Drill

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: None

FLORA/FAUNA: Shadscale community, sparse; antelope range, coyote, rabbit and potential raptor habitat.

SOIL TYPE AND CHARACTERISTICS: Light tan sandy loam with some clays present and underlying sandstone

SURFACE FORMATION & CHARACTERISTICS: Uinta Formation

EROSION/SEDIMENTATION/STABILITY: existing location, little or no new erosion problems or sedimentation, no stability problems.

PALEONTOLOGICAL POTENTIAL: None observed

RESERVE PIT

CHARACTERISTICS: Proposed in previously disturbed reserve pit on south side of location in cut and measuring 80'x 40'x 8' deep

LINER REQUIREMENTS (Site Ranking Form attached): 15 points or level II sensitivity, liner is optional if operator stays in the guidelines submitted in the Application to Drill (if blasting is used during the construction of the pit or if salt water is utilized to contain gas a synthetic liner shall be used).

SURFACE RESTORATION/RECLAMATION PLAN

Reshape, contour and seed surface unless otherwise authorized by SITLA

SURFACE AGREEMENT: Yes

CULTURAL RESOURCES/ARCHAEOLOGY: Previously disturbed lands

OTHER OBSERVATIONS/COMMENTS

Location will be extended to the west, north and east, reserve pit on the south side with a small flare pit just past the southwest corner, all disturbance will remain in the old foot print from the previous location but beyond the existing bermed area.

ATTACHMENTS

Photos of this location were taken and placed on file.

Dennis L Ingram
DOGM REPRESENTATIVE

July 13, 2006 11:30 AM
DATE/TIME

**Location Ranking Criteria and Ranking Scale
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u> 0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u> 0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u> 0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u> 0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u> 10</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u> 5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u> 0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u> 0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u> 0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u> 0</u>

Final Score 15 (Level I Sensitivity)

Sensitivity Level I = 20 or more; total containment is required, consider criteria for excluding pit use.

Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.

1-06 Newfield So Mon Butte S-2-9-16

Casing Schematic

Clinta

Surface

8-5/8"
MW 8.4
Frac 19.3

TOC @ 0.
TOC @ 0.
Surface
290. MD
290. TVD

✓ w/ 12% Washout

BHP

$$(8.6)(0.52)(6303) = 2818$$

Anticipate 2,000

Gas

$$(12)(6303) = 756$$

MASP = 2062

Fluid

$$(0.221)(6303) = 1386$$

MASP = 1432

BOPE - 2,000 ✓

Surf Csg - 2950

70% = 2065

Max pressure @ Surf Csg shoe 1496

TEST TO 1496# ✓

✓ Adequate OK 7/28/06

500 Brmsd

1700 Green River

5620 TOC Tail

✓ w/ 12% Washout

5-1/2"
MW 8.6

Production
6379. MD
6303. TVD

Well name:	07-06 Newfield So Mon Butte St S-2-9-16	
Operator:	Newfield Production Company	Project ID:
String type:	Surface	43-013-33219
Location:	Duchesne County	

Design parameters:

Collapse

Mud weight: 8.400 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 75 °F
 Bottom hole temperature: 79 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 290 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 440 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 475 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.50 (B)

Tension is based on buoyed weight.
 Neutral point: 253 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 6,303 ft
 Next mud weight: 8.600 ppg
 Next setting BHP: 2,816 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 500 ft
 Injection pressure 500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	290	8.625	24.00	J-55	ST&C	290	290	7.972	14
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	127	1370	10.826	475	2950	6.21	6	244	40.12 J

Prepared by: Clinton Dworshak
 Utah Div. of Oil & Mining

Phone: 801-538-5280
 FAX: 801-359-3940

Date: July 26, 2006
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 290 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	07-06 Newfield So Mon Butte St S-2-9-16	
Operator:	Newfield Production Company	Project ID:
String type:	Production	43-013-33219
Location:	Duchesne County	

Design parameters:

Collapse

Mud weight: 8.600 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 163 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 633 psi
Internal gradient: 0.346 psi/ft
Calculated BHP 2,816 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 5,547 ft

Directional well information:

Kick-off point 0 ft
Departure at shoe: 919 ft
Maximum dogleg: 1.5 °/100ft
Inclination at shoe: 9.7 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	6379	5.5	15.50	J-55	LT&C	6303	6379	4.825	200
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2816	4040	1.435	2816	4810	1.71	85	217	2.55 J

Prepared by: Clinton Dworshak
Utah Div. of Oil & Mining

Phone: 801-538-5280
FAX: 801-359-3940

Date: July 26, 2006
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 6303 ft, a mud weight of 8.6 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.



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

July 31, 2006

Newfield Production Company
Route 3 Box 3630
Myton, UT 84052

Re: So. Mon. Butte State S-2-9-16 Well, 748' FSL, 687' FEL, SE SE, Sec. 2, T. 9 South, R. 16 East, Bottom Location 1329' FSL, 1321' FEL, SE SE, Sec. 2, T. 9 South, R. 16 East, Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33219.

Sincerely,

Gil Hunt
Associate Director

mf
Enclosures

cc: Duchesne County Assessor
SITLA

STATE OF UTAH
 DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NO
ML-21839

6. IF INDIAN, ALLOTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
South Monument Butte

8. FARM OR LEASE NAME
N/A

9. WELL NO.
So. Mon. Butte State #S-2-9-16

10. FIELD AND POOL OR WILDCAT
Monument Butte

11. QTR, QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN
**SE/SE
 Sec. 2, T9S, R16E**

12. County
Duchesne

13. STATE
UT

APPLICATION FOR PERMIT TO DRILL, DEEPEN

1a. TYPE OF WORK **DRILL** **DEEPEN**

1b. TYPE OF WELL

OIL GAS OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Newfield Production Company

3. ADDRESS AND TELEPHONE NUMBER:
Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721

4. LOCATION OF WELL (FOOTAGE)
 At Surface **SE/SE 578557' X 4434014' 40.094603 -110.078929**
748' FSL 687' FEL
 At proposed Producing Zone **SE 1329' FSL 1321' FEL**
578363' X 4434189' 40.096199 -110.081247

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 12.4 miles southwest of Myton, UT

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) Approx. 1321' f/lse line and 1311' f/unit line	16. NO. OF ACRES IN LEASE 640.00	17. NO. OF ACRES ASSIGNED TO THIS WELL 20
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. Approximately 1246' (Down Hole)	19. PROPOSED DEPTH 6500'	20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5511' GL	22. APPROX. DATE WORK WILL START* 4th Quarter 2006	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	290'	155 sx +/- 10%
7 7/8	5 1/2	15.5#	TD	275 sx lead followed by 450 sx tail
				See Detail Below

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give date on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

***The actual cement volumes will be calculated off of the open hole logs, plus 15% excess:**

SURFACE PIPE - 155 sx Class G Cement +/I 10%, w/ 2% CaCl2 & 1/4#/sk Cello-flake
 Weight: 15.8 PPG YIELD: 1.17 Cu Ft/sk H2O Req: 5 gal/sk

LONG STRING - Lead: Premium Lite II Cement + 3lbs/sk BA-90 + 3% KCl + .25 lbs/sk Cello Flake + 2 lbs/sk Kol Seal + 10% Bentonite + .5% Sodium Metasilicate
 Weight: 11.0 PPG YIELD: 3.43 Cu Ft/sk H2O Req: 21.04 gal/sk

Tail: 50-50 Poz-Class G Cement + 3% KCl + .25 lbs/sk Cello Flake + 2% Bentonite + .3% Sodium Metasilicate
 Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H2O Req: 7.88 gal/sk

24. Name & Signature: *Mandie Crozier* Title: Regulatory Specialist Date: 6/19/2006
Mandie Crozier

(This space for State use only)
 API Number Assigned: 43-013-33219 APPROVAL: _____

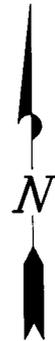
*See Instructions Approved by the side
 Utah Division of
 Oil, Gas and Mining
 Date: 07-31-06
 By: [Signature]

RECEIVED
 JUN 23 2006
 DIV. OF OIL, GAS & MINING

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

NEWFIELD PRODUCTION COMPANY

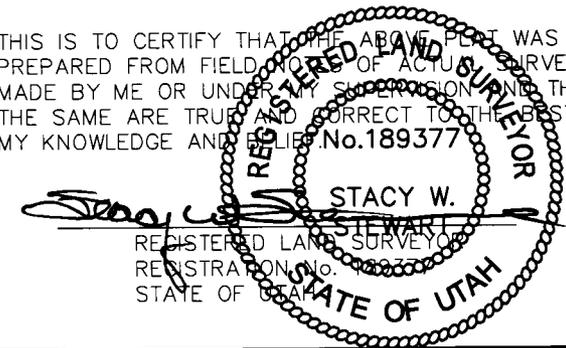
WELL LOCATION, S. MONUMENT BUTTE S-2-9-16, LOCATED AS SHOWN IN THE SE 1/4 SE 1/4 OF SECTION 2, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



Note:

- The bottom of hole bears N47°37'22"W 860.08' from the well head.

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

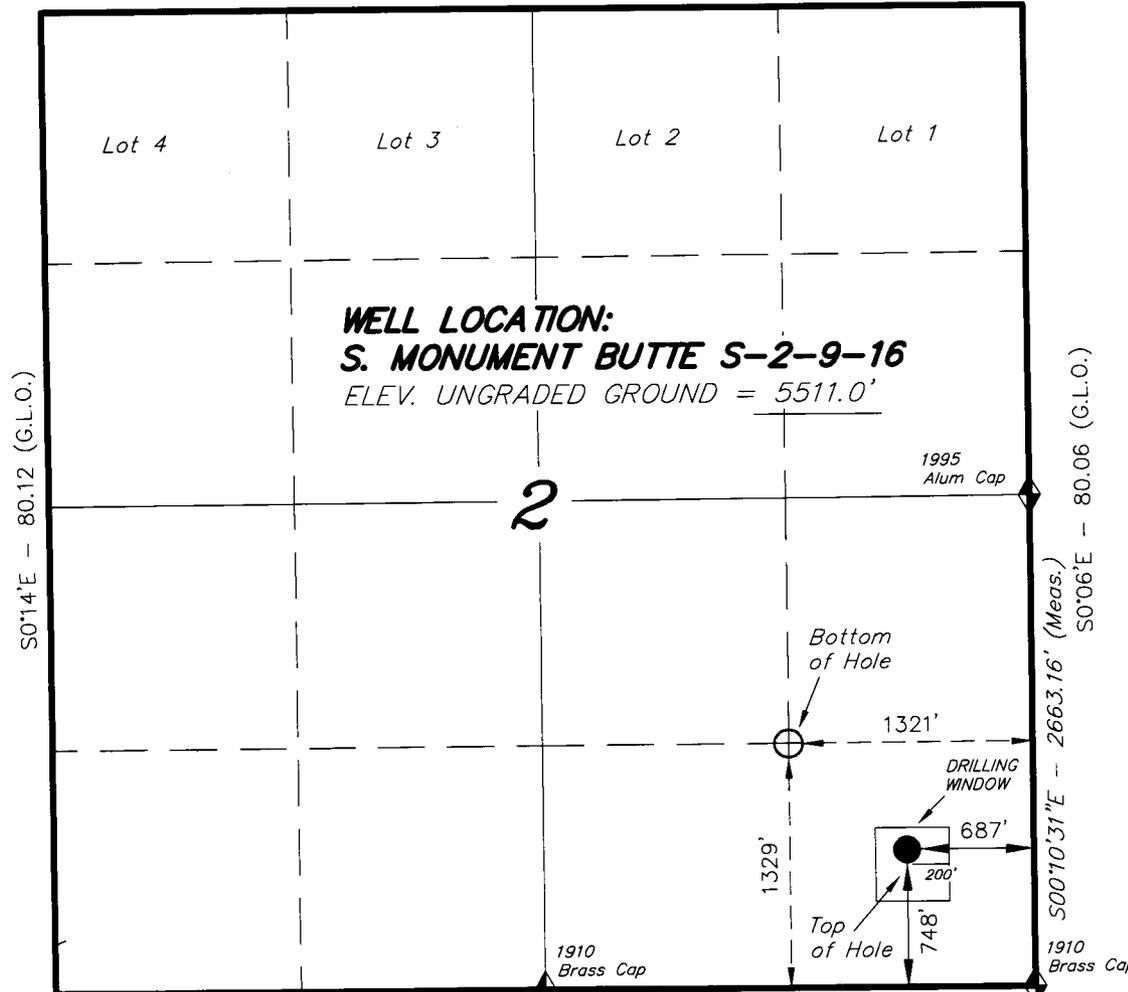


TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 5-15-06	SURVEYED BY: D.P.
DATE DRAWN: 05-22-06	DRAWN BY: F.T.M.
REVISED: 05-25-06 F.T.M.	SCALE: 1" = 1000'

S89°57'E (G.L.O.)



WELL LOCATION:
S. MONUMENT BUTTE S-2-9-16
ELEV. UNGRADED GROUND = 5511.0'

1995 Alum Cap

Bottom of Hole

1321'

DRILLING WINDOW

687'

1329'

Top of Hole

200'

748'

1910 Brass Cap

S89°56'W G.L.O. (Basis of Bearings)

S89°56'W - 79.80 (G.L.O.) 2641.47' (Measured)

S0°06'E - 80.06 (G.L.O.)

S00°10'31"E - 2663.16' (Meas.)

1910 Brass Cap

S0°14'E - 80.12 (G.L.O.)

◆ = SECTION CORNERS LOCATED

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

S. MONUMENT BUTTE S-2-9-16
(Surface Location) NAD 83
LATITUDE = 40° 03' 16.79"
LONGITUDE = 110° 04' 46.71"

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

July 28, 2006

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2005 Plan of Development South Monument Butte
Unit, Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the South Monument Butte Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
43-013-33219	So Mon Butte St	S-2-9-16 Sec 2 T09S R16E 0748 FSL 0687 FEL BHL Sec 2 T09S R16E 1329 FSL 1321 FEL
43-013-33220	So Mon Butte St	R-2-9-16 Sec 2 T09S R16E 2000 FSL 1985 FEL BHL Sec 2 T09S R16E 1326 FSL 2642 FEL
43-013-33221	So Mon Butte St	Q-2-9-16 Sec 2 T09S R16E 0729 FSL 1945 FWL BHL Sec 2 T09S R16E 1324 FSL 1308 FWL

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

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

/s/ Michael L. Coulthard

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: SO MON BUTTE ST S-29-16

Api No: 43-013-33219 Lease Type: STATE

Section 02 Township 09S Range 16E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 10/16/06

Time 10:00 AM

How DRY

Drilling will Commence: _____

Reported by JOHNNY DAVIS

Telephone # (435) 823-3610

Date 10/18/06 Signed CHD

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

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84082

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					Q2	SC	TP	RG	COUNTY		
A	99999	13195	43-013-33219	S. MON BUTTE STATE S-2-9-16	SEISE	2	9S	16E	DUCHESNE	10/16/06	10/19/06
WELL 1 COMMENTS: <i>GRRU</i>											
A	99999	13269	43-013-32963	S WELLS DRAW 2-3-9-16	NW/NE	3	9S	16E	DUCHESNE	10/18/06	10/19/06
WELL 2 COMMENTS: <i>GRRU</i>											
B	99999	14844	43-047-36765	FEDERAL 4-1-9-17	NW/1NW	1	9S	17E	UINTAH	10/14/06	10/19/06
WELL 3 COMMENTS: <i>GRRU Sundance U.</i>											
WELL 5 COMMENTS:											
WELL 6 COMMENTS:											

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

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

RECEIVED
OCT 18 2006

Lana Nebeker
 Signature
 Lana Nebeker
 Production Analyst
 Date: October 18, 2006

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

5. LEASE DESIGNATION AND SERIAL NUMBER:

ML - 21839

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

S MON BUTTE UNIT

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.

1. TYPE OF WELL:

OIL WELL GAS WELL OTHER UNKNOWN

8. WELL NAME and NUMBER:

S MON BT S-2-9-16

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

9. API NUMBER:

4301333219

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: 748 FSL 687 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESE, 2, T9S, R16E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 10/17/2006	<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: - Spud Notice
	<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.

On 10/16/06 MIRU NDSI spud rig #1. Drill 320' of 12 1/4" hole with air mist. TIH W/7 Jt's 8 5/8" J-55 24# csgn. Set @ 323.24'. On 10/17-06 Cement with 160 sks of Class "G" w/ 2% CaCL+ 1/4# Cello Flake. Mixed @ 15.8 ppg > 1.17 cf/sk yeild. Returned 3 bbls cement to pit.

NAME (PLEASE PRINT) Johnny Davis

TITLE Drilling Foreman

SIGNATURE

Johnny Davis

DATE 10/18/2006

(This space for State use only)

RECEIVED
OCT 24 2006
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

_____ **8 5/8** _____ CASING SET AT _____ **323.24** _____

LAST CASING 8 5/8" set @ 323.24'
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 320' _____ LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
 WELL SMB S-2-9-16
 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 44.18'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	311.39
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			313.24
TOTAL LENGTH OF STRING		313.24	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			323.24
TOTAL		311.39	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		311.39	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.	Spud	10/16/2006	10:00 AM	GOOD CIRC THRU JOB <u>Yes</u>			
CSG. IN HOLE		10/17/2006	8:30 AM	Bbls CMT CIRC TO SURFACE <u>3</u>			
BEGIN CIRC		10/17/2006	1:26 PM	RECIPROCATED PIPE FOR <u>N/A</u>			
BEGIN PUMP CMT		10/17/2006	1:35 PM				
BEGIN DSPL. CMT		10/17/2006	1:46 PM	BUMPED PLUG TO <u>436</u> PSI			
PLUG DOWN		10/17/2006	1:55 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 Johnny Davis

DATE 10/17/2006

RECEIVED
 OCT 24 2006
 DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER.
UTAH STATE ML-21839

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
NA

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

7. UNIT or CA AGREEMENT NAME:
S MON BUTTE UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER UNKNOWN

8. WELL NAME and NUMBER:
SO. MON. BUTTE STATE #S-2 - 09 - 16

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301333219

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: 748 FSL 687 FEL

COUNTY: DUCHESNE

OTR/OTR SECTION TOWNSHIP RANGE MERIDIAN: SESE, 2, T9S, R16E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>11/08/2006</u>	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input 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.

On 10/21/06 MIRU NDSI Rig # 2. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 278'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6,280'. 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, 141 jt's of 5.5 J-55, 15.5# csgn. Set @ 6249.33' / KB. Cement with 325 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 450 sks cement mixed @ 14.4 ppg & 1.24 yld. With 30 bbls cement returned to pit. Nipple down Bop's. Drop slips @ 70,000 #'s tension. Release rig 8:00 AM 11/6/06.

NAME (PLEASE PRINT) Alvin Nielsen

TITLE Drilling Foreman

SIGNATURE *Alvin Nielsen*

DATE 11/08/2006

(This space for State use only)

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NOV 13 2006
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6249.33

LAST CASING 8 5/8" SET # 323'
 DATUM 12' KB
 DATUM TO CUT OFF CASING 12'
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 6280 Loggers TD 6260
 HOLE SIZE 7 7/8"

Fit clr @ 6228.08
 OPERATOR Newfield Production Company
 WELL SMB S-2-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI #2

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 4118 (7.26)					
141	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	6214.08
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	22
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6251.33
TOTAL LENGTH OF STRING		6251.33	142	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		311.55	7	CASING SET DEPTH			6249.33
TOTAL		6547.63	149	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6547.63	149				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		11/6/2006	12:00 AM	GOOD CIRC THRU JOB			YES
CSG. IN HOLE		11/6/2006	4:30 AM	Bbls CMT CIRC TO SURFACE			30
BEGIN CIRC		11/6/2006	4:30 AM	RECIPROCATED PIPE FOR			THRUSTROKE NA
BEGIN PUMP CMT		11/6/2006	6:07 AM	DID BACK PRES. VALVE HOLD ?			YES
BEGIN DSPL. CMT		11/6/2006	7:06 AM	BUMPED PLUG TO			2220 PSI
PLUG DOWN		11/6/2006	7:29 AM				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	325	Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2	450	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Alvin Nielsen

DATE 11/6/2006

RECEIVED
 NOV 13 2006
 DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTAH STATE ML-21839

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
S MON BUTTE UNIT

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.

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
SO. MON. BUTTE STATE #S-2

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301333219

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

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: **748 FSL 687 FEL**

COUNTY: **DUCHESNE**

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: **SESE, 2, T9S, R16E**

STATE: **UT**

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT <small>(Submit in Duplicate)</small> Approximate date work will <u>12/03/2006</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT <small>(Submit Original Form Only)</small> Date of Work Completion: _____	<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 checked="" 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 type="checkbox"/> OTHER: -
	<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.

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**

NAME (PLEASE PRINT) Mandie Crozier

TITLE Regulatory Specialist

SIGNATURE *Mandie Crozier*

DATE 12/15/2006

(This space for State use only)

RECEIVED

DEC 18 2006

DIVISION OF OIL, GAS & MINING

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK
 OIL WELL GAS WELL DRY Other _____

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

5. LEASE DESIGNATION AND SERIAL NO.
ML-21839

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

7. UNIT AGREEMENT NAME
S. Monument Butte

8. FARM OR LEASE NAME, WELL NO.
So. Monument Butte S-2-9-16

2. NAME OF OPERATOR
Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.
1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*
 At Surface **4320' FSL & 4324' FEL (SE/SE) Sec. 2, T9S, R16E**
 At top prod. Interval reported below **SWAF; 748 FSL 687 FEL**

9. WELL NO.
43-013-33219

10. FIELD AND POOL OR WILDCAT
Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 2, T9S, R16E

14. API NO. **43-013-33219** DATE ISSUED **07/31/06**

12. COUNTY OR PARISH **Duchesne** 13. STATE **UT**

15. DATE SPUDDED **10/16/06** 16. DATE T.D. REACHED **11/05/06** 17. DATE COMPL. (Ready to prod.) **12/03/06** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **5511' GL** 19. ELEV. CASINGHEAD **5523' KB**

20. TOTAL DEPTH, MD & TVD **6280' 6196** 21. PLUG BACK T.D., MD & TVD **6226' 6142** 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 4326'-5372'

25. WAS DIRECTIONAL SURVEY MADE **Yes 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**

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#	323'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6249'	7-7/8"	325 sx Premlite II and 450 sx 50/50 Poz	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	EOT @ 5413'	TA @ 5314'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(A3) 5356'-5372'	.46"	4/64	5356'-5372'	Frac w/ 80,166# 20/40 sand in 612 bbls fluid
(B2) 5130'-5148'	.43"	4/72	5130'-5148'	Frac w/ 80,289# 20/40 sand in 603 bbls fluid
(D1) 4851'-4859'	.43"	4/32	4851'-4859'	Frac w/ 24,904# 20/40 sand in 329 bbls fluid
11) 4614'-4618', 4565'-4572', 4540'-4548'	.43"	4/76	4618'-4548'	Frac w/ 65,292# 20/40 sand in 506 bbls fluid
(GB6) 4326'-4344'	.43"	4/72	4326'-4344'	Frac w/ 85,183# 20/40 sand in 596 bbls fluid

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

33.*

DATE FIRST PRODUCTION **12/03/06** PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) **2-1/2" x 1-3/4" x 20' RHAC SM Plunger Pump** WELL STATUS (Producing or shut-in) **PRODUCING**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 day ave			----->	85	0	8	0

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 *[Signature]* TITLE Production Clerk DIV. OF OIL, GAS & MINING DATE 1/10/2007

**RECEIVED
JAN 16 2007**

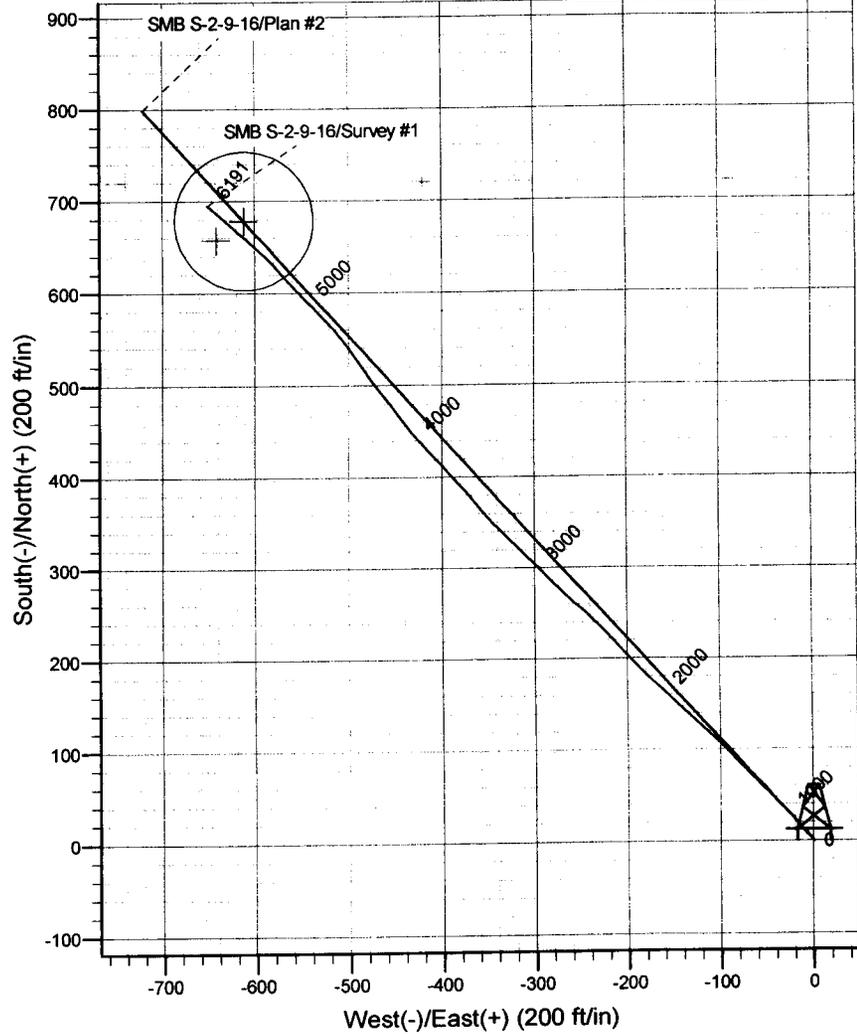
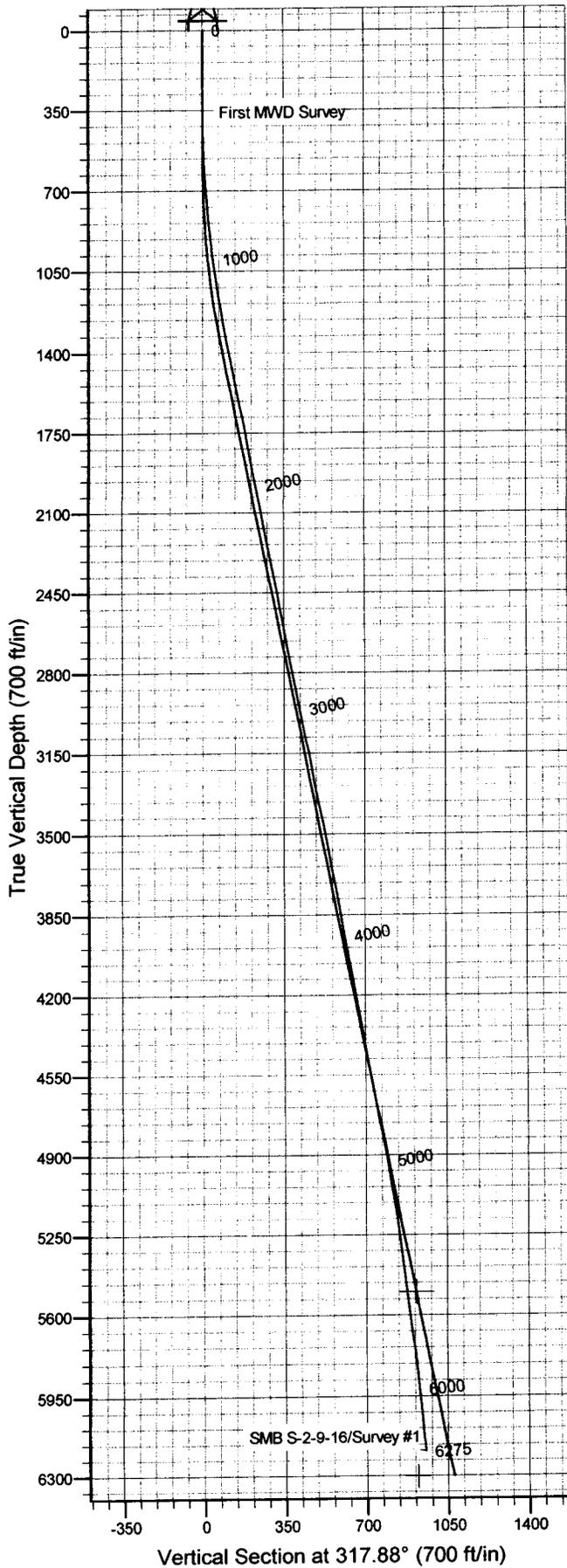
37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			<p style="text-align: center;">Well Name So. Monument Butte S-2-9-16</p>	Garden Gulch Mkr	3782'	
				Garden Gulch 1	3987'	
				Garden Gulch 2	4114'	
				Point 3 Mkr	4379'	
				X Mkr	4645'	
				Y-Mkr	4679'	
				Douglas Creek Mkr	4808'	
				BiCarbonate Mkr	5055'	
				B Limestone Mkr	5186'	
				Castle Peak	5674'	
				Basal Carbonate	6116'	
				Total Depth (LOGGERS)	6260'	



Scientific Drilling
Rocky Mountain Operations

Project: Duchesne County, UT
Site: South Monument Butte S-2-9-16
Well: SMB S-2-9-16
Wellbore: OH
Design: OH

Newfield Exploration Co.



WELL DETAILS: SMB S-2-9-16

+N/-S	+E/-W	Ground Level: Northing	GL 5511' & RKB 12' @ 5523.00ft Easting	Latitude	Longitude	Slot
0.00	0.00	7191806.21	2037981.09	40° 3' 16.790 N	110° 4' 46.710 W	

REFERENCE INFORMATION

Co-ordinate (NE) Reference: Site South Monument Butte S-2-9-16, True North
Vertical (TVD) Reference: GL 5511' & RKB 12' @ 5523.00ft
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: GL 5511' & RKB 12' @ 5523.00ft
Calculation Method: Minimum Curvature
Local North: True
Location: Sec. 2 T9S 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 (SMB S-2-9-16/OH)

Created By: Julie Cruse Date: 2006-11-09

Newfield Exploration Co.

Duchesne County, UT

South Monument Butte S-2-9-16

SMB S-2-9-16

OH

Survey: Survey #1

Standard Survey Report

09 November, 2006

Scientific Drilling

Survey Report

Company: Newfield Exploration Co.	Local Co-ordinate Reference: Site South Monument Butte S-2-9-16
Project: Duchesne County, UT	TVD Reference: GL 5511' & RKB 12' @ 5523.00ft
Site: South Monument Butte S-2-9-16	MD Reference: GL 5511' & RKB 12' @ 5523.00ft
Well: SMB S-2-9-16	North Reference: True
Wellbore: OH	Survey Calculation Method: Minimum Curvature
Design: OH	Database: EDM 2003.14.1.0 Single User Db

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	South Monument Butte S-2-9-16, Sec. 2 T9S R16E				
Site Position:		Northing:	7,191,806.21 ft	Latitude:	40° 3' 16.790 N
From:	Lat/Long	Easting:	2,037,981.09 ft	Longitude:	110° 4' 46.710 W
Position Uncertainty:	0.00 ft	Slot Radius:	0.000 in	Grid Convergence:	0.91 °

Well	SMB S-2-9-16, SHL: 672' FSL, 677' FEL					
Well Position	+N/-S	0.00 ft	Northing:	7,191,806.21 ft	Latitude:	40° 3' 16.790 N
	+E/-W	0.00 ft	Easting:	2,037,981.09 ft	Longitude:	110° 4' 46.710 W
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,511.00 ft	

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	2006-10-27	11.90	65.92	52,749

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	317.88	

Survey Program	Date	2006-11-09			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
358.00	6,275.00	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	
358.00	0.27	130.38	358.00	-0.55	0.64	-0.84	0.08	0.08	0.00	
First MWD Survey										
389.00	0.22	308.95	389.00	-0.56	0.65	-0.85	1.58	-0.16	576.03	
420.00	0.96	303.26	420.00	-0.38	0.39	-0.54	2.39	2.39	-18.35	
450.00	1.54	311.38	449.99	0.03	-0.12	0.10	2.02	1.93	27.07	
481.00	1.90	305.65	480.98	0.60	-0.85	1.02	1.29	1.16	-18.48	
512.00	2.35	311.23	511.95	1.32	-1.75	2.15	1.60	1.45	18.00	
543.00	2.56	315.09	542.93	2.23	-2.72	3.48	0.86	0.68	12.45	
574.00	2.70	316.25	573.89	3.25	-3.71	4.90	0.48	0.45	3.74	
604.00	3.12	318.98	603.85	4.37	-4.73	6.42	1.47	1.40	9.10	
635.00	3.42	320.41	634.80	5.72	-5.88	8.19	1.00	0.97	4.61	
666.00	3.89	318.63	665.74	7.23	-7.16	10.16	1.56	1.52	-5.74	

Scientific Drilling Survey Report

Company: Newfield Exploration Co.
Project: Duchesne County, UT
Site: South Monument Butte S-2-9-16
Well: SMB S-2-9-16
Wellbore: OH
Design: OH

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Site South Monument Butte S-2-9-16
 GL 5511' & RKB 12' @ 5523.00ft
 GL 5511' & RKB 12' @ 5523.00ft
 True
 Minimum Curvature
 EDM 2003.14.1.0 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
696.00	4.25	321.46	695.66	8.86	-8.53	12.29	1.37	1.20	9.43
727.00	4.60	322.23	726.57	10.74	-10.00	14.68	1.15	1.13	2.48
758.00	4.64	322.65	757.47	12.72	-11.53	17.16	0.17	0.13	1.35
789.00	5.13	318.10	788.36	14.75	-13.21	19.80	2.01	1.58	-14.68
820.00	5.58	318.48	819.22	16.91	-15.14	22.69	1.46	1.45	1.23
850.00	5.90	319.24	849.07	19.17	-17.11	25.69	1.10	1.07	2.53
880.00	6.16	318.43	878.91	21.54	-19.19	28.84	0.91	0.87	-2.70
912.00	6.58	317.67	910.71	24.18	-21.56	32.39	1.34	1.31	-2.37
943.00	7.04	317.10	941.49	26.88	-24.05	36.07	1.50	1.48	-1.84
975.00	7.25	316.40	973.24	29.78	-26.78	40.05	0.71	0.66	-2.19
1,006.00	7.55	316.49	1,003.98	32.68	-29.53	44.04	0.97	0.97	0.29
1,037.00	7.73	316.03	1,034.71	35.65	-32.38	48.16	0.61	0.58	-1.48
1,067.00	8.18	317.02	1,064.42	38.67	-35.23	52.31	1.57	1.50	3.30
1,098.00	8.73	315.98	1,095.08	41.97	-38.37	56.87	1.84	1.77	-3.35
1,130.00	8.92	315.33	1,126.70	45.48	-41.80	61.77	0.67	0.59	-2.03
1,161.00	9.53	315.68	1,157.30	49.03	-45.29	66.74	1.98	1.97	1.13
1,193.00	9.55	315.33	1,188.86	52.81	-49.00	72.04	0.19	0.06	-1.09
1,224.00	10.02	315.07	1,219.41	56.55	-52.71	77.30	1.52	1.52	-0.84
1,255.00	10.40	315.61	1,249.92	60.46	-56.58	82.79	1.26	1.23	1.74
1,286.00	10.74	315.61	1,280.39	64.52	-60.55	88.47	1.10	1.10	0.00
1,349.00	11.28	316.30	1,342.23	73.17	-68.92	100.50	0.88	0.86	1.10
1,443.00	11.59	316.44	1,434.37	86.66	-81.78	119.13	0.33	0.33	0.15
1,537.00	11.63	315.87	1,526.44	100.30	-94.88	138.03	0.13	0.04	-0.61
1,632.00	11.27	315.19	1,619.55	113.76	-108.09	156.88	0.40	-0.38	-0.72
1,727.00	11.07	312.80	1,712.75	126.55	-121.32	175.23	0.53	-0.21	-2.52
1,819.00	10.87	312.77	1,803.07	138.44	-134.17	192.67	0.22	-0.22	-0.03
1,912.00	10.72	312.93	1,894.43	150.28	-146.94	210.02	0.16	-0.16	0.17
2,006.00	11.11	313.14	1,986.73	162.43	-159.95	227.76	0.42	0.41	0.22
2,099.00	11.09	313.76	2,077.99	174.74	-172.95	245.61	0.13	-0.02	0.67
2,193.00	11.00	316.87	2,170.25	187.54	-185.61	263.59	0.64	-0.10	3.31
2,287.00	11.03	316.25	2,262.51	200.58	-197.96	281.55	0.13	0.03	-0.66
2,380.00	11.79	318.81	2,353.68	214.16	-210.37	299.94	0.98	0.82	2.75
2,474.00	10.57	316.83	2,445.89	227.67	-222.59	318.16	1.36	-1.30	-2.11
2,568.00	10.82	314.77	2,538.26	240.18	-234.76	335.60	0.49	0.27	-2.19
2,662.00	9.76	311.12	2,630.75	251.63	-247.02	352.32	1.32	-1.13	-3.88
2,755.00	10.39	312.28	2,722.31	262.45	-259.17	368.49	0.71	0.68	1.25
2,849.00	11.85	316.35	2,814.55	275.14	-272.10	386.58	1.76	1.55	4.33
2,941.00	11.73	315.23	2,904.61	288.62	-285.21	405.36	0.28	-0.13	-1.22
3,035.00	11.46	315.28	2,996.69	302.03	-298.51	424.24	0.29	-0.29	0.05
3,129.00	12.39	316.62	3,088.66	316.00	-312.00	443.65	1.03	0.99	1.43
3,223.00	10.89	312.17	3,180.72	329.29	-325.51	462.57	1.86	-1.60	-4.73
3,317.00	11.14	315.16	3,272.99	341.69	-338.50	480.47	0.66	0.27	3.18
3,411.00	11.84	319.89	3,365.11	355.51	-351.11	499.18	1.25	0.74	5.03
3,505.00	11.90	321.39	3,457.10	370.46	-363.37	518.49	0.33	0.06	1.60
3,599.00	11.06	318.85	3,549.22	384.82	-375.35	537.18	1.04	-0.89	-2.70
3,691.00	11.27	317.72	3,639.48	398.11	-387.21	554.99	0.33	0.23	-1.23
3,784.00	10.68	317.90	3,730.78	411.23	-399.10	572.70	0.64	-0.63	0.19
3,878.00	9.93	316.34	3,823.26	423.56	-410.54	589.51	0.85	-0.80	-1.66
3,973.00	10.10	317.52	3,916.81	435.63	-421.82	606.03	0.28	0.18	1.24
4,067.00	10.68	320.69	4,009.27	448.45	-432.90	622.97	0.87	0.62	3.37
4,159.00	10.88	325.43	4,099.65	462.19	-443.23	640.09	0.99	0.22	5.15
4,255.00	10.22	322.68	4,194.03	476.43	-453.53	657.56	0.86	-0.69	-2.86
4,356.00	9.95	319.67	4,293.47	490.20	-464.61	675.21	0.59	-0.27	-2.98
4,449.00	10.77	324.96	4,384.95	503.44	-474.80	691.87	1.35	0.88	5.69

Scientific Drilling Survey Report

Company: Newfield Exploration Co.
Project: Duchesne County, UT
Site: South Monument Butte S-2-9-16
Well: SMB S-2-9-16
Wellbore: OH
Design: OH

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Site South Monument Butte S-2-9-16
 GL 5511' & RKB 12' @ 5523.00ft
 GL 5511' & RKB 12' @ 5523.00ft
 True
 Minimum Curvature
 EDM 2003.14.1.0 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
4,543.00	11.07	324.98	4,477.25	518.02	-485.02	709.54	0.32	0.32	0.02	
4,638.00	10.73	324.75	4,570.54	532.72	-495.36	727.37	0.36	-0.36	-0.24	
4,731.00	10.13	322.04	4,662.00	546.23	-505.39	744.12	0.83	-0.65	-2.91	
4,823.00	10.63	319.72	4,752.49	559.09	-515.85	760.67	0.71	0.54	-2.52	
4,918.00	10.24	317.33	4,845.92	571.98	-527.24	777.87	0.61	-0.41	-2.52	
5,011.00	9.98	315.40	4,937.48	583.80	-538.50	794.19	0.46	-0.28	-2.08	
5,104.00	9.62	315.20	5,029.12	595.05	-549.63	810.00	0.39	-0.39	-0.22	
5,195.00	8.95	318.69	5,118.93	605.76	-559.67	824.68	0.96	-0.74	3.84	
5,289.00	7.54	318.17	5,211.96	615.85	-568.61	838.16	1.50	-1.50	-0.55	
5,383.00	7.72	320.30	5,305.12	625.30	-576.75	850.63	0.36	0.19	2.27	
5,477.00	7.06	313.26	5,398.34	634.12	-584.99	862.70	1.19	-0.70	-7.49	
5,570.00	7.67	313.84	5,490.58	642.33	-593.63	874.59	0.66	0.66	0.62	
5,579.51	7.67	313.66	5,500.00	643.21	-594.55	875.85	0.26	0.05	-1.94	
SMB S-2-9-16 5500										
5,661.00	7.72	312.08	5,580.76	650.64	-602.55	886.72	0.26	0.06	-1.93	
5,754.00	7.48	311.25	5,672.94	658.81	-611.73	898.95	0.28	-0.26	-0.89	
5,846.00	6.84	311.63	5,764.22	666.40	-620.33	910.35	0.70	-0.70	0.41	
5,936.00	6.08	313.03	5,853.65	673.21	-627.82	920.42	0.86	-0.84	1.56	
6,031.00	5.54	313.20	5,948.16	679.79	-634.84	930.01	0.57	-0.57	0.18	
6,125.00	5.58	311.22	6,041.72	685.90	-641.59	939.07	0.21	0.04	-2.11	
6,218.00	5.08	310.12	6,134.32	691.54	-648.14	947.64	0.55	-0.54	-1.18	
6,224.00	4.86	306.98	6,140.30	691.86	-648.54	948.15	5.83	-3.67	-52.33	
6,275.00	4.86	306.98	6,191.11	694.46	-651.99	952.39	0.00	0.00	0.00	

Projection to TD

Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
SMB S-2-9-16 BHL - hit/miss target - Shape - Point	0.00	0.00	6,303.00	657.00	-643.00	7,192,452.92	2,037,327.74	40° 3' 23.283 N	110° 4' 54.980 W
- survey misses by 118.33ft at 6275.00ft MD (6191.11 TVD, 694.46 N, -651.99 E)									
SMB S-2-9-16 5500 - Circle (radius 75.00)	0.00	0.00	5,500.00	678.00	-613.00	7,192,474.39	2,037,357.40	40° 3' 23.491 N	110° 4' 54.594 W
- survey misses by 39.06ft at 5584.49ft MD (5504.94 TVD, 643.67 N, -595.03 E)									

Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
358.00	358.00	-0.55	0.64	First MWD Survey
6,275.00	6,191.11	694.46	-651.99	Projection to TD

Checked By: _____ Approved By: _____ Date: _____

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTAH STATE ML-21839

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
S MON BUTTE UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
SO. MON. BUTTE STATE #S-2-9-16

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301333219

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

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 748 FSL 687 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESE, 2, T9S, R16E

STATE: UT

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

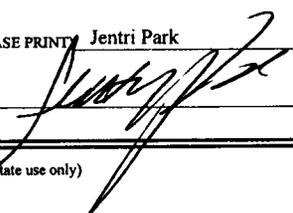
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>01/05/2007</u>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
Status report for time period 11/21/06 - 12/15/06

Subject well had completion procedures initiated in the Green River formation on 11-21-06 without the use of a service rig over the well. A cement bond log was run and a total of five Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5356'-5372'); Stage #2 (5130'-5148'); Stage #3 (4851'-4859'); Stage #4 (4614'-4618'), (4565'-4572'), (4540'-4548'); Stage #5 (4326'-4344'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 11-30-2006. Bridge plugs were drilled out and well was cleaned to 6226'. Zones were swab tested for sand cleanup. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 12-15-2006.

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE 

DATE 01/05/2007

(This space for State use only)

RECEIVED
JAN 16 2007
DIV. OF OIL, GAS & MINING