FORM 3

AMENDED REPORT ☑

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

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER
South Monument Butte State W-2-9-16

2. TYPE OF WORK
DRILL NEW WELL ◉ REENTER P&A WELL ○ DEEPEN WELL ○

3. FIELD OR WILDCAT
MONUMENT BUTTE

4. TYPE OF WELL
Oil Well Coalbed Methane Well: NO

5. UNIT or COMMUNITIZATION AGREEMENT NAME
GMBU (GRRV)

6. NAME OF OPERATOR
NEWFIELD PRODUCTION COMPANY

7. OPERATOR PHONE
435 646-4825

8. ADDRESS OF OPERATOR
Rt 3 Box 3630 , Myton, UT, 84052

9. OPERATOR E-MAIL
mcrozier@newfield.com

10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)
ML-21839

11. MINERAL OWNERSHIP
FEDERAL ○ INDIAN ○ STATE ◉ FEE ○

12. SURFACE OWNERSHIP
FEDERAL ○ INDIAN ○ STATE ◉ FEE ○

13. NAME OF SURFACE OWNER (if box 12 = 'fee')

14. SURFACE OWNER PHONE (if box 12 = 'fee')

15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')

16. SURFACE OWNER E-MAIL (if box 12 = 'fee')

17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')

18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS
YES ○ (Submit Commingling Application) NO ◉

19. SLANT
VERTICAL ○ DIRECTIONAL ◉ HORIZONTAL ○

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	765 FSL 2024 FEL	SWSE	2	9.0 S	16.0 E	S
Top of Uppermost Producing Zone	292 FSL 2386 FEL	SWSE	2	9.0 S	16.0 E	S
At Total Depth	40 FSL 2597 FEL	SWSE	2	9.0 S	16.0 E	S

21. COUNTY
DUCHESNE

22. DISTANCE TO NEAREST LEASE LINE (Feet)
40

23. NUMBER OF ACRES IN DRILLING UNIT
20

25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)
1331

26. PROPOSED DEPTH
MD: 6310 TVD: 6310

27. ELEVATION - GROUND LEVEL
5530

28. BOND NUMBER
B001834

29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE
43-7478

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

☑ **WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER**

☑ **COMPLETE DRILLING PLAN**

☐ **AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)**

☐ **FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER**

☑ **DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)**

☑ **TOPOGRAPHICAL MAP**

NAME Mandie Crozier	**TITLE** Regulatory Tech	**PHONE** 435 646-4825
SIGNATURE	**DATE** 08/18/2009	**EMAIL** mcrozier@newfield.com

API NUMBER ASSIGNED
43013501210000

APPROVAL

Permit Manager

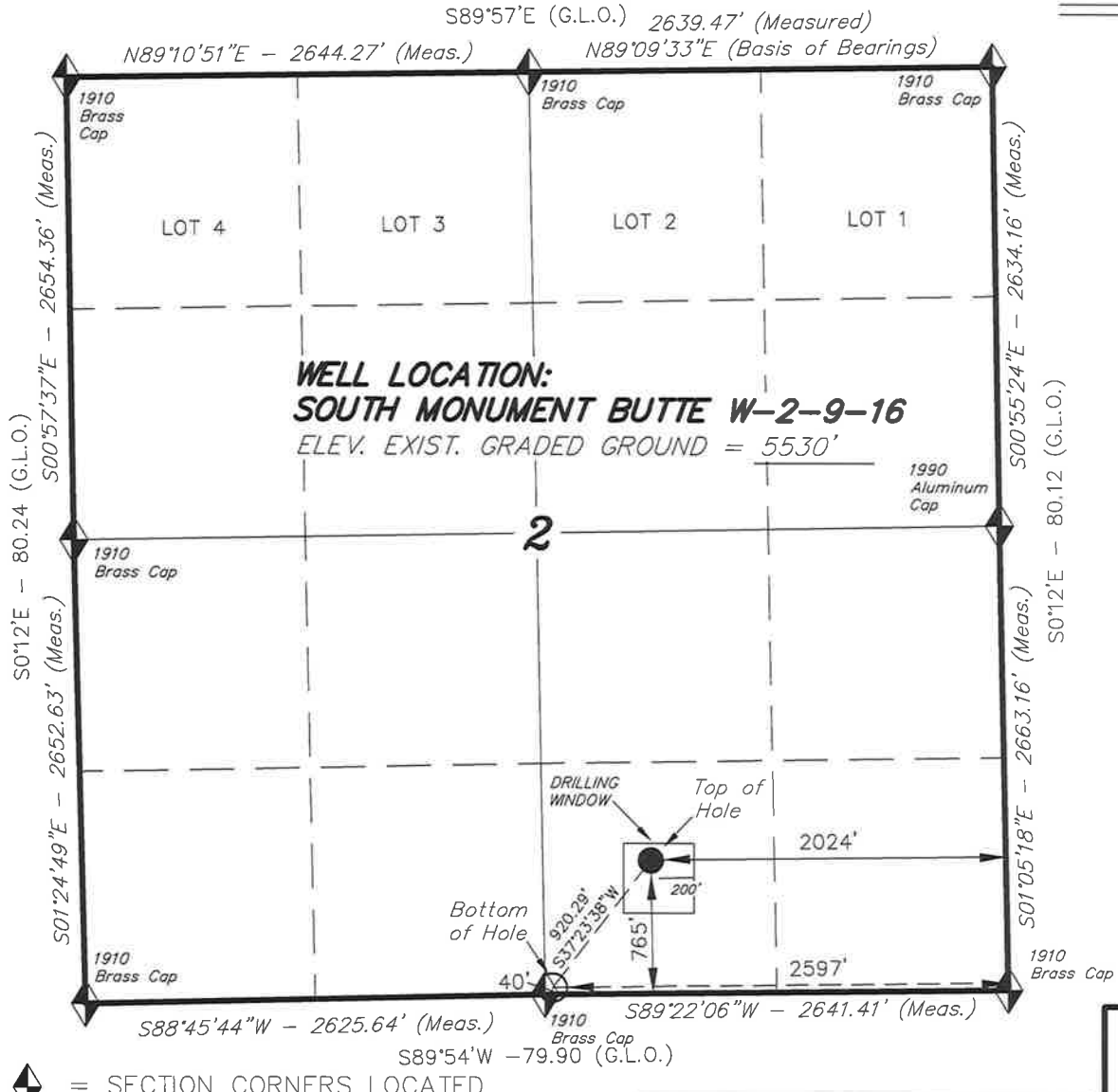
Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
Prod	7.875	5.5	0	6310		
Pipe	**Grade**	**Length**	**Weight**			
	Grade J-55 LT&C	6310	15.5			

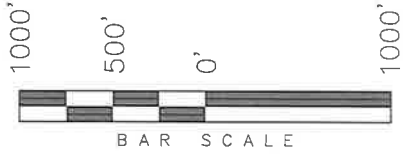
Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
Surf	12.25	8.625	0	1000		
Pipe	**Grade**	**Length**	**Weight**			
	Grade J-55 ST&C	1000	24.0			

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

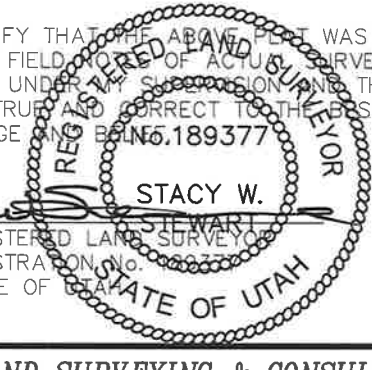
NEWFIELD PRODUCTION COMPANY

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





THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are base on LOCATION: an N.G.S. OPUS Correction. LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

SOUTH MONUMENT BUTTE W-2-9-16
(Surface Location) NAD 83
LATITUDE = 40° 03' 17.01"
LONGITUDE = 110° 05' 03.94"

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

DATE SURVEYED: 06-22-09	SURVEYED BY: T.H.
DATE DRAWN: 06-26-09	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
SOUTH MONUMENT BUTTE STATE W-2-9-16
AT SURFACE: SW/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 – 1520'
Green River	1520'
Wasatch	6310'

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

Green River Formation 1520' – 6310' – Oil

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 1,000'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO_3) (mg/l)
Dissolved Bicarbonate ($NaHCO_3$) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO_4) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. *PROPOSED CASING PROGRAM*

a. Casing Design: So. Monument Butte State W-2-9-16

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	1,000'	24.0	J-55	STC	2,950 5.26	1,370 4.31	244,000 10.17
Prod casing 5-1/2"	0'	6,310'	15.5	J-55	LTC	4,810 2.40	4,040 2.01	217,000 2.22

Assumptions:
1) Surface casing max anticipated surface press (MASP) = Frac gradient – gas gradient
2) Prod casing MASP (production mode) = Pore pressure – gas gradient
3) All collapse calculations assume fully evacuated casing w/ gas gradient
4) All tension calculations assume air weight

Frac gradient at surface casing shoe =	13.0 ppg
Pore pressure at surface casing shoe =	8.33 ppg
Pore pressure at prod casing shoe =	8.33 ppg
Gas gradient =	0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. Cementing Design: So. Monument Butte State W-2-9-16

Job	Fill	Description	Sacks ft^3	OH Excess*	Weight (ppg)	Yield (ft^3/sk)
Surface casing	1,000'	Class G w/ 2% CaCl	459 537	30%	15.8	1.17
Prod casing Lead	4,310'	Prem Lite II w/ 10% gel + 3% KCl	298 971	30%	11.0	3.26
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363 451	30%	14.3	1.24

*Actual volume pumped will be 15% over the caliper log
- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

Waiting On Cement: A minimum of four (4) hours shall elapse prior to attempting any pressure testing of the BOP equipment which would subject the surface casing cement to pressure, and a minimum of six (6) hours shall elapse before drilling out of the wiper plug, cement, or shoe is begun. WOC time shall be recorded in the Driller's Log. Compressive Strength shall be a minimum of 500 psi prior to drilling out.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if

the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

The production casing cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals.

As a minimum, usable water zones shall be isolated and/or protected by having a cement top for the production casing at least 200 feet above the base of the usable water. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc., shall be utilized to help isolate the cement from contamination by the mud being displaced ahead of the cement slurry.

All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or to 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective action shall be taken.

Setting of each string of casing showing the size, grade, weight of casing set, depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of the cementing tools used, casing test method and results, and the date of the work done. Spud date will be shown on the first reports submitted.

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:**

From surface to ±1000 feet will be drilled with an air/mist system. From about 1000 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. 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 on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

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 @ 1000' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +-. A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

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

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

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

It is anticipated that the drilling operations will commence the fourth quarter of 2009, and take approximately seven (7) days from spud to rig release.

’APIWellNo:43013501210000’

2-M SYSTEM

Blowout Prevention Equipment Systems

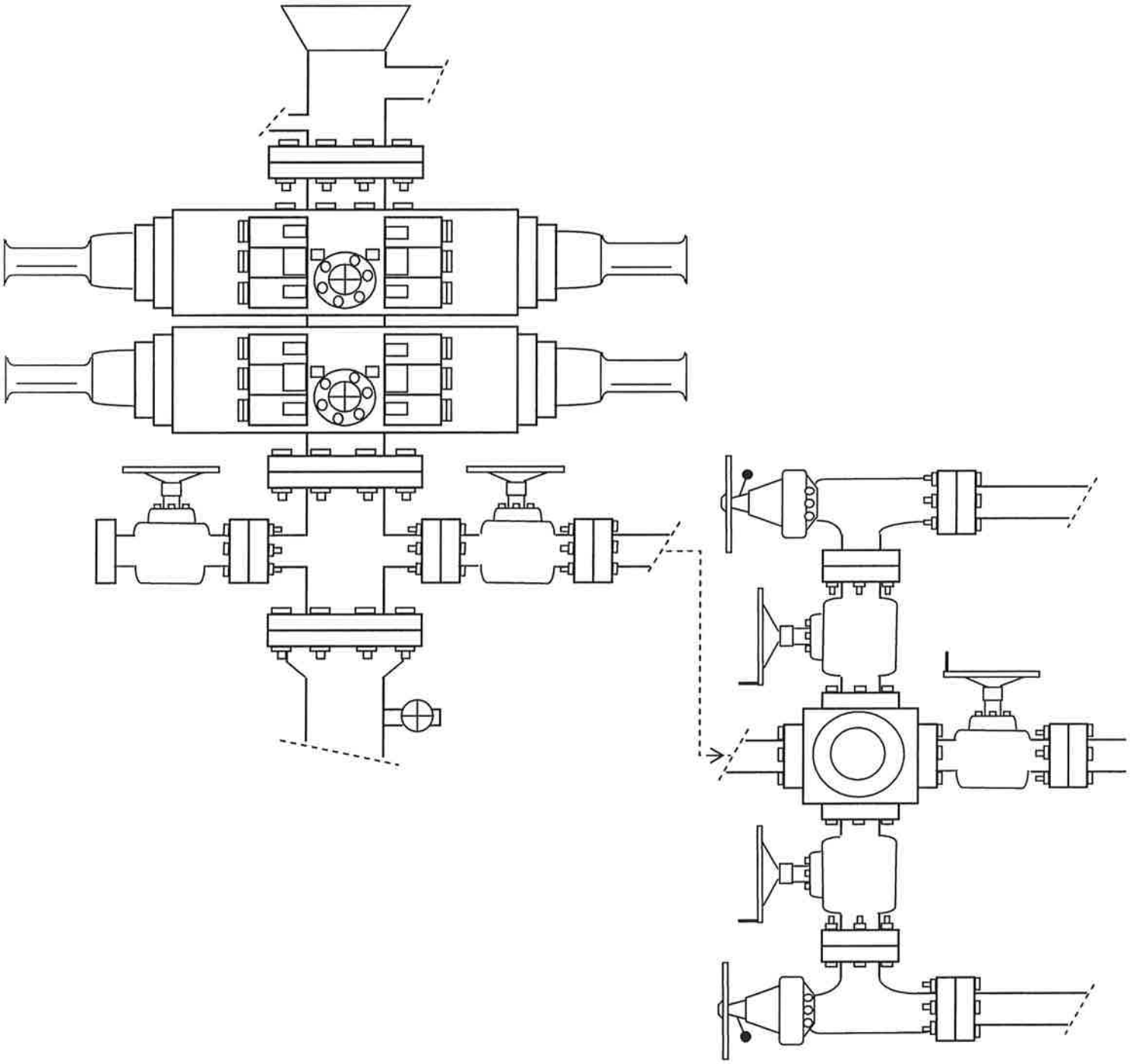


EXHIBIT C

'APIWellNo:43013501210000'

NEWFIELD

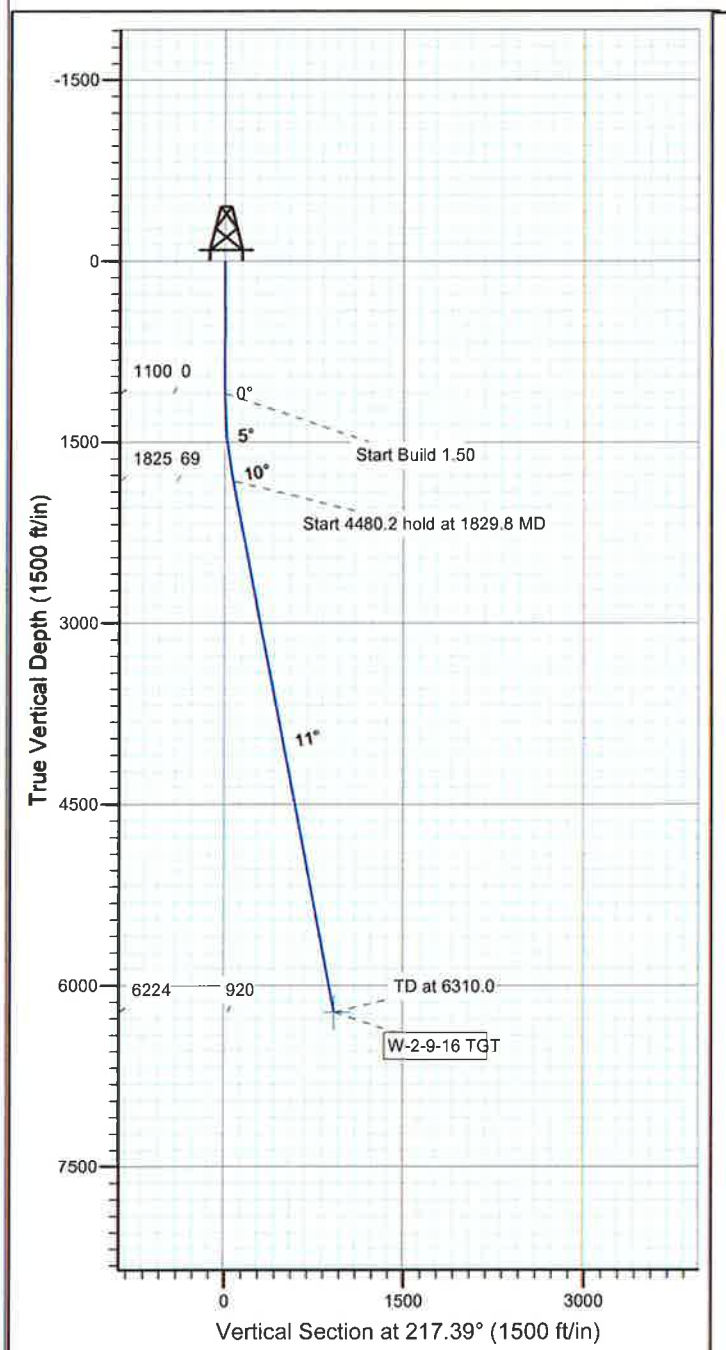
Project: USGS Myton SW (UT)
Site: SECTION 2 9S 16E
Well: W-2-9-16*
Wellbore: Wellbore #1
Design: Design #1

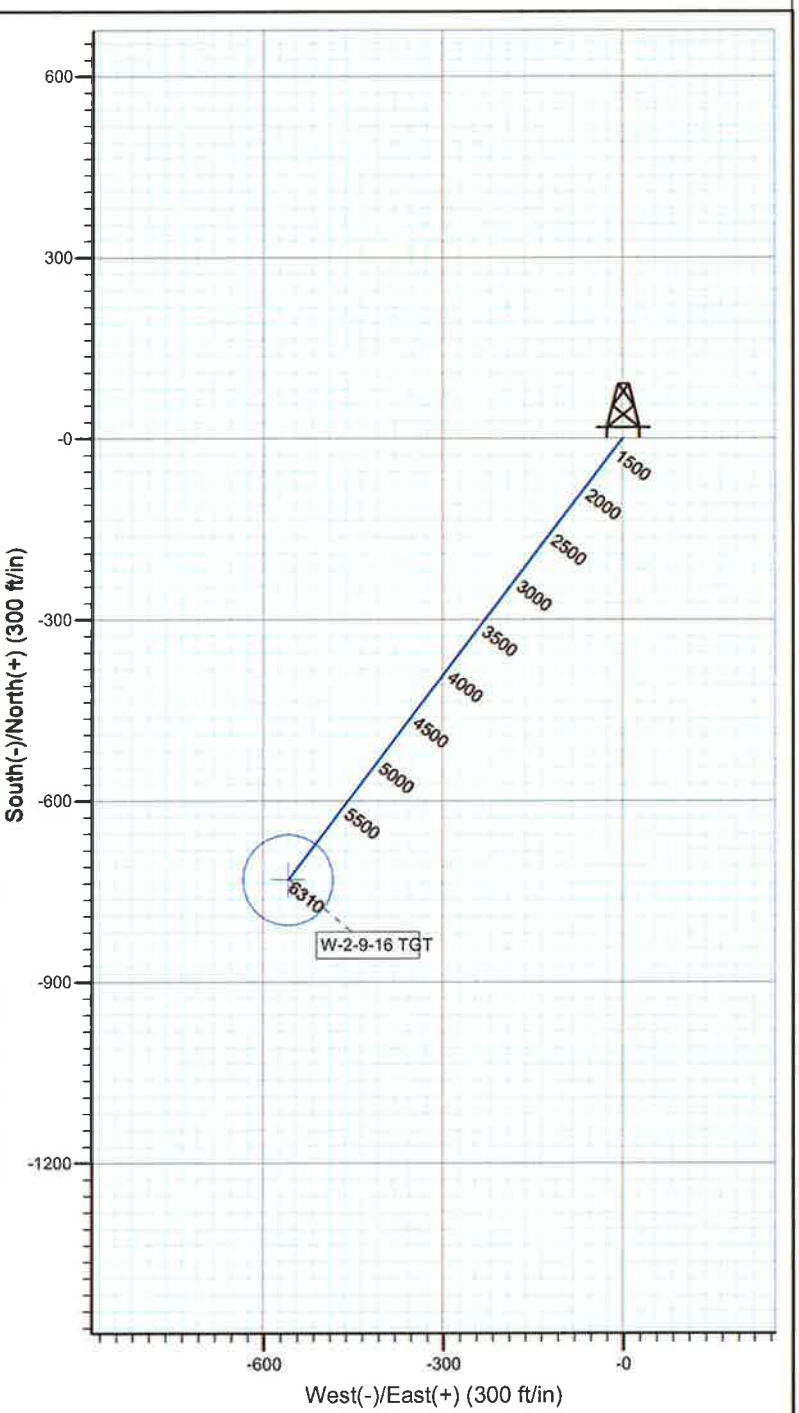
T M

Azimuths to True North
Magnetic North: 11.55°

Magnetic Field
Strength: 52492.1snT
Dip Angle: 65.86°
Date: 7/13/2009
Model: IGRF200510

KOP @ 1100'
DOGLEG RATE 1.5 DEG/100
TARGET RADIUS IS 75'





WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
W-2-9-16 TGT	6224.0	-731.2	-558.8	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1100.0	0.00	0.00	1100.0	0.0	0.0	0.00	0.00	0.0	
3	1829.8	10.95	217.39	1825.4	-55.2	-42.2	1.50	217.39	69.5	
4	6310.0	10.95	217.39	6224.0	-731.2	-558.8	0.00	0.00	920.3	W-2-9-16 TGT

NEWFIELD

NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 2 9S 16E
W-2-9-16*

Wellbore #1

Plan: Design #1

Standard Planning Report

25 February, 2010

'APIWellNo:43013501210000'

NEWFIELD

HATHAWAYBURNHAM
Planning Report

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well W-2-9-16*
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	W-2-9-16 @ 5542.0ft (EST KB)
Project:	USGS Myton SW (UT)	**MD Reference:**	W-2-9-16 @ 5542.0ft (EST KB)
Site:	SECTION 2 9S 16E	**North Reference:**	True
Well:	W-2-9-16*	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

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

Site	SECTION 2 9S 16E, SEC 2 9S 16E				
Site Position:		**Northing:**	7,193,600.00 ft	**Latitude:**	40° 3' 34.952 N
From:	Map	**Easting:**	2,036,100.00 ft	**Longitude:**	110° 5' 10.480 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	0.91 °

Well	W-2-9-16*, SHL LAT: 40 03 17.01, LONG: -110 05 03.94					
Well Position	**+N/-S**	-1,815.6 ft	**Northing:**	7,191,792.82 ft	**Latitude:**	40° 3' 17.010 N
	+E/-W	508.5 ft	**Easting:**	2,036,637.14 ft	**Longitude:**	110° 5' 3.940 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	0.0 ft

Wellbore	Wellbore #1			
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF200510	7/13/2009	11.55	65.86	52,492

Design	Design #1			
Audit Notes:				
Version:	**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0

Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**
	0.0	0.0	0.0	217.39

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,829.8	10.95	217.39	1,825.4	-55.2	-42.2	1.50	1.50	0.00	217.39	
6,310.0	10.95	217.39	6,224.0	-731.2	-558.8	0.00	0.00	0.00	0.00	W-2-9-16 TGT

'APIWellNo:43013501210000'

NEWFIELD

HATHAWAYBURNHAM
Planning Report

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well W-2-9-16*
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	W-2-9-16 @ 5542.0ft (EST KB)
Project:	USGS Myton SW (UT)	**MD Reference:**	W-2-9-16 @ 5542.0ft (EST KB)
Site:	SECTION 2 9S 16E	**North Reference:**	True
Well:	W-2-9-16*	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	1.50	217.39	1,200.0	-1.0	-0.8	1.3	1.50	1.50	0.00
1,300.0	3.00	217.39	1,299.9	-4.2	-3.2	5.2	1.50	1.50	0.00
1,400.0	4.50	217.39	1,399.7	-9.4	-7.2	11.8	1.50	1.50	0.00
1,500.0	6.00	217.39	1,499.3	-16.6	-12.7	20.9	1.50	1.50	0.00
1,600.0	7.50	217.39	1,598.6	-26.0	-19.8	32.7	1.50	1.50	0.00
1,700.0	9.00	217.39	1,697.5	-37.4	-28.6	47.0	1.50	1.50	0.00
1,800.0	10.50	217.39	1,796.1	-50.8	-38.8	64.0	1.50	1.50	0.00
1,829.8	10.95	217.39	1,825.4	-55.2	-42.2	69.5	1.50	1.50	0.00
1,900.0	10.95	217.39	1,894.3	-65.8	-50.3	82.8	0.00	0.00	0.00
2,000.0	10.95	217.39	1,992.5	-80.9	-61.8	101.8	0.00	0.00	0.00
2,100.0	10.95	217.39	2,090.7	-96.0	-73.4	120.8	0.00	0.00	0.00
2,200.0	10.95	217.39	2,188.8	-111.1	-84.9	139.8	0.00	0.00	0.00
2,300.0	10.95	217.39	2,287.0	-126.2	-96.4	158.8	0.00	0.00	0.00
2,400.0	10.95	217.39	2,385.2	-141.3	-108.0	177.8	0.00	0.00	0.00
2,500.0	10.95	217.39	2,483.4	-156.3	-119.5	196.8	0.00	0.00	0.00
2,600.0	10.95	217.39	2,581.6	-171.4	-131.0	215.8	0.00	0.00	0.00
2,700.0	10.95	217.39	2,679.7	-186.5	-142.6	234.8	0.00	0.00	0.00
2,800.0	10.95	217.39	2,777.9	-201.6	-154.1	253.7	0.00	0.00	0.00
2,900.0	10.95	217.39	2,876.1	-216.7	-165.6	272.7	0.00	0.00	0.00
3,000.0	10.95	217.39	2,974.3	-231.8	-177.1	291.7	0.00	0.00	0.00
3,100.0	10.95	217.39	3,072.5	-246.9	-188.7	310.7	0.00	0.00	0.00
3,200.0	10.95	217.39	3,170.6	-262.0	-200.2	329.7	0.00	0.00	0.00
3,300.0	10.95	217.39	3,268.8	-277.0	-211.7	348.7	0.00	0.00	0.00
3,400.0	10.95	217.39	3,367.0	-292.1	-223.3	367.7	0.00	0.00	0.00
3,500.0	10.95	217.39	3,465.2	-307.2	-234.8	386.7	0.00	0.00	0.00
3,600.0	10.95	217.39	3,563.4	-322.3	-246.3	405.7	0.00	0.00	0.00
3,700.0	10.95	217.39	3,661.5	-337.4	-257.9	424.7	0.00	0.00	0.00
3,800.0	10.95	217.39	3,759.7	-352.5	-269.4	443.6	0.00	0.00	0.00
3,900.0	10.95	217.39	3,857.9	-367.6	-280.9	462.6	0.00	0.00	0.00
4,000.0	10.95	217.39	3,956.1	-382.7	-292.5	481.6	0.00	0.00	0.00
4,100.0	10.95	217.39	4,054.3	-397.7	-304.0	500.6	0.00	0.00	0.00
4,200.0	10.95	217.39	4,152.4	-412.8	-315.5	519.6	0.00	0.00	0.00
4,300.0	10.95	217.39	4,250.6	-427.9	-327.1	538.6	0.00	0.00	0.00
4,400.0	10.95	217.39	4,348.8	-443.0	-338.6	557.6	0.00	0.00	0.00
4,500.0	10.95	217.39	4,447.0	-458.1	-350.1	576.6	0.00	0.00	0.00
4,600.0	10.95	217.39	4,545.2	-473.2	-361.7	595.6	0.00	0.00	0.00
4,700.0	10.95	217.39	4,643.3	-488.3	-373.2	614.6	0.00	0.00	0.00
4,800.0	10.95	217.39	4,741.5	-503.4	-384.7	633.5	0.00	0.00	0.00
4,900.0	10.95	217.39	4,839.7	-518.4	-396.2	652.5	0.00	0.00	0.00
5,000.0	10.95	217.39	4,937.9	-533.5	-407.8	671.5	0.00	0.00	0.00
5,100.0	10.95	217.39	5,036.1	-548.6	-419.3	690.5	0.00	0.00	0.00
5,200.0	10.95	217.39	5,134.2	-563.7	-430.8	709.5	0.00	0.00	0.00

'APIWellNo:43013501210000'

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well W-2-9-16*
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	W-2-9-16 @ 5542.0ft (EST KB)
Project:	USGS Myton SW (UT)	**MD Reference:**	W-2-9-16 @ 5542.0ft (EST KB)
Site:	SECTION 2 9S 16E	**North Reference:**	True
Well:	W-2-9-16*	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

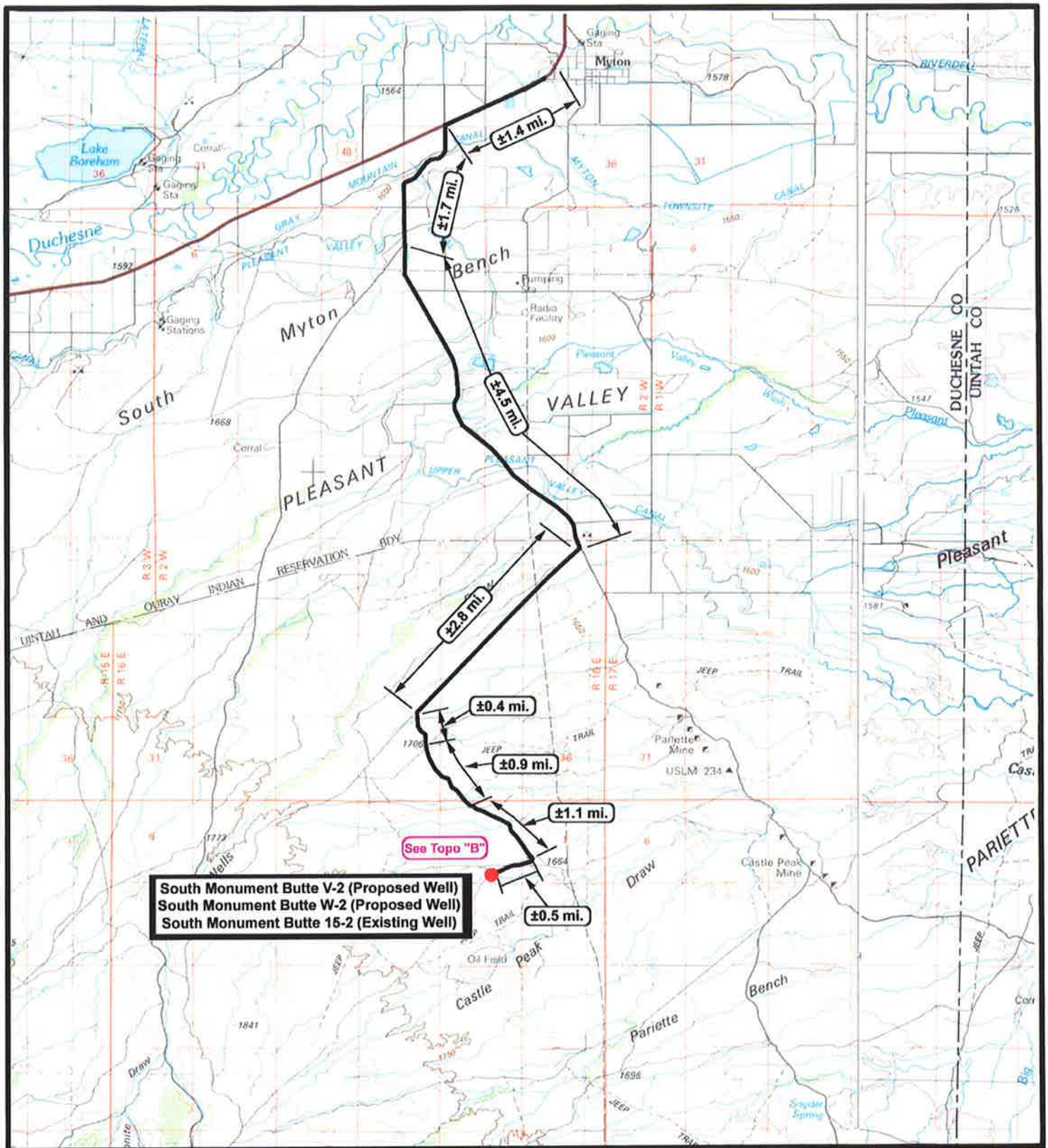
Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.0	10.95	217.39	5,232.4	-578.8	-442.4	728.5	0.00	0.00	0.00
5,400.0	10.95	217.39	5,330.6	-593.9	-453.9	747.5	0.00	0.00	0.00
5,500.0	10.95	217.39	5,428.8	-609.0	-465.4	766.5	0.00	0.00	0.00
5,600.0	10.95	217.39	5,527.0	-624.1	-477.0	785.5	0.00	0.00	0.00
5,700.0	10.95	217.39	5,625.1	-639.2	-488.5	804.5	0.00	0.00	0.00
5,800.0	10.95	217.39	5,723.3	-654.2	-500.0	823.4	0.00	0.00	0.00
5,900.0	10.95	217.39	5,821.5	-669.3	-511.6	842.4	0.00	0.00	0.00
6,000.0	10.95	217.39	5,919.7	-684.4	-523.1	861.4	0.00	0.00	0.00
6,100.0	10.95	217.39	6,017.9	-699.5	-534.6	880.4	0.00	0.00	0.00
6,200.0	10.95	217.39	6,116.0	-714.6	-546.2	899.4	0.00	0.00	0.00
6,310.0	10.95	217.39	6,224.0	-731.2	-558.8	920.3	0.00	0.00	0.00

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
W-2-9-16 TGT - plan hits target - Circle (radius 75.0)	0.00	0.00	6,224.0	-731.2	-558.8	7,191,052.96	2,036,090.00	40° 3' 9.784 N	110° 5' 11.126 W

'APIWellNo:43013501210000'



NEWFIELD
Exploration Company

South Monument Butte V-2-9-16 (Proposed Well)
South Monument Butte W-2-9-16 (Proposed Well)
South Monument Butte 15-2-9-16 (Existing Well)
Pad Location SWSE SEC. 2, T9S, R16E, S.L.B.&M.

N

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

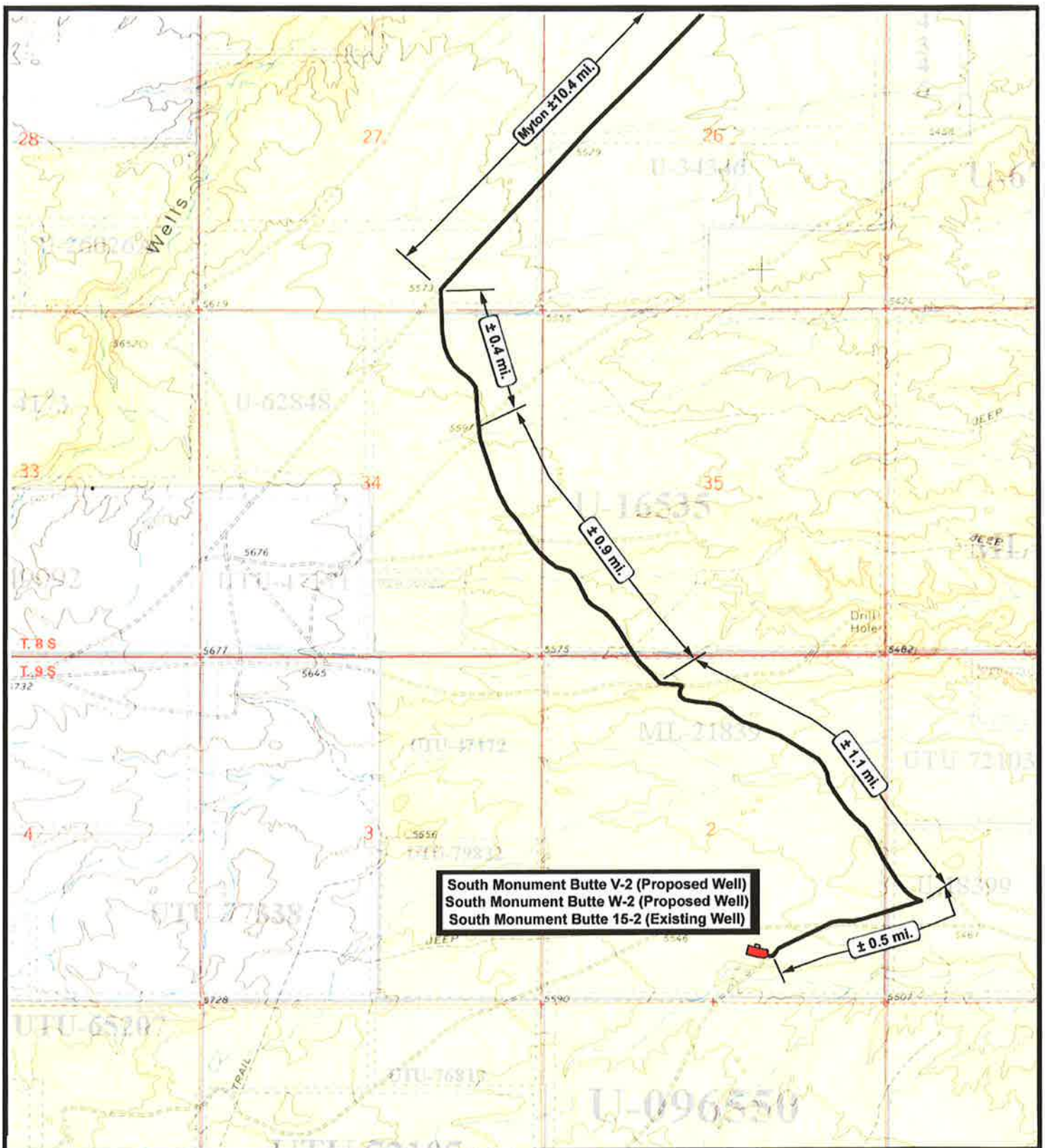
SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 07-02-2009

Legend

Existing Road

TOPOGRAPHIC MAP
"A"

'APIWellNo:43013501210000'



NEWFIELD
Exploration Company

South Monument Butte V-2-9-16 (Proposed Well)
South Monument Butte W-2-9-16 (Proposed Well)
South Monument Butte 15-2-9-16 (Existing Well)
Pad Location SWSE SEC. 2, T9S, R16E, S.L.B.&M.

N

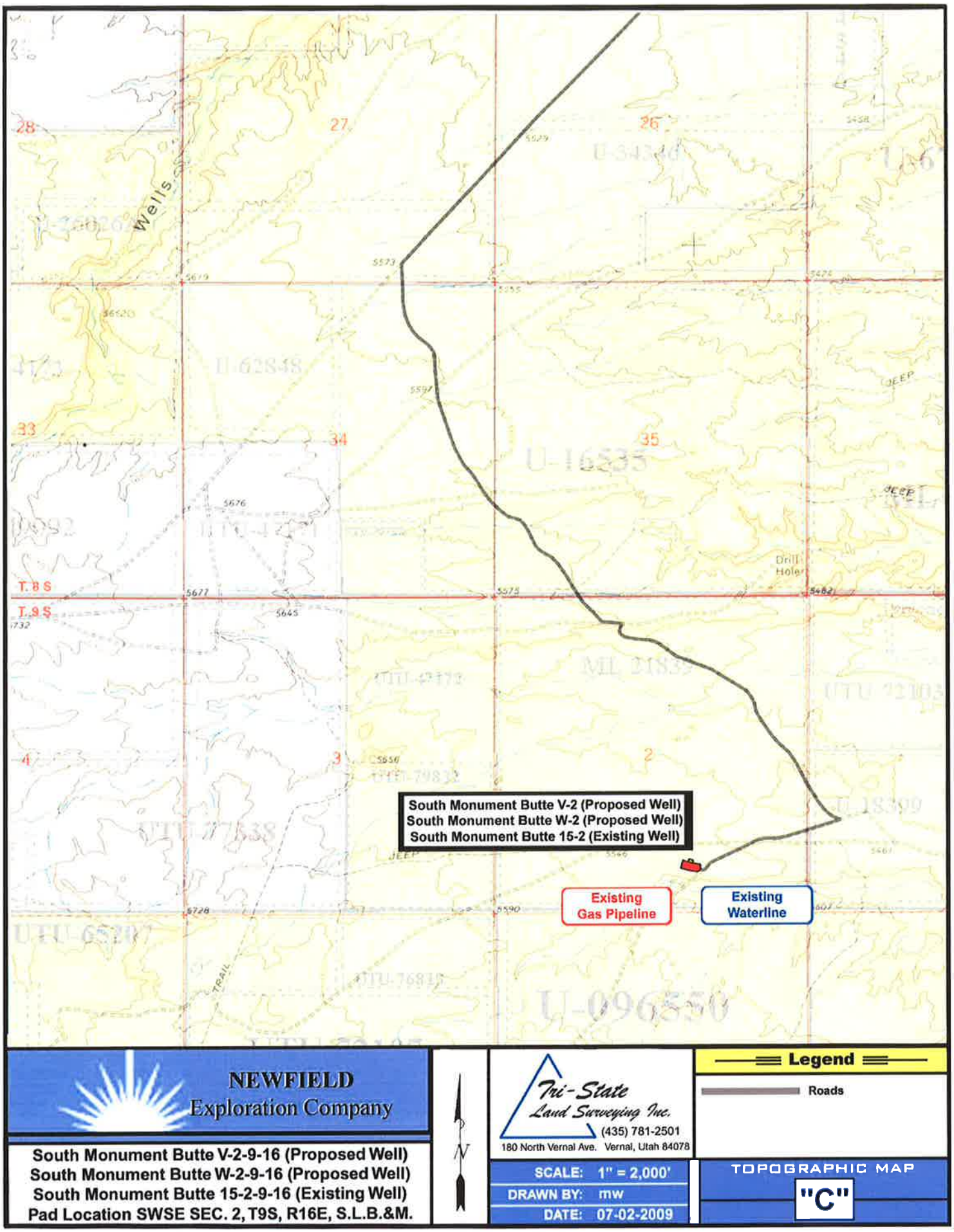
Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 07-02-2009

Legend
Existing Road

TOPOGRAPHIC MAP
"B"

'APIWellNo:43013501210000'



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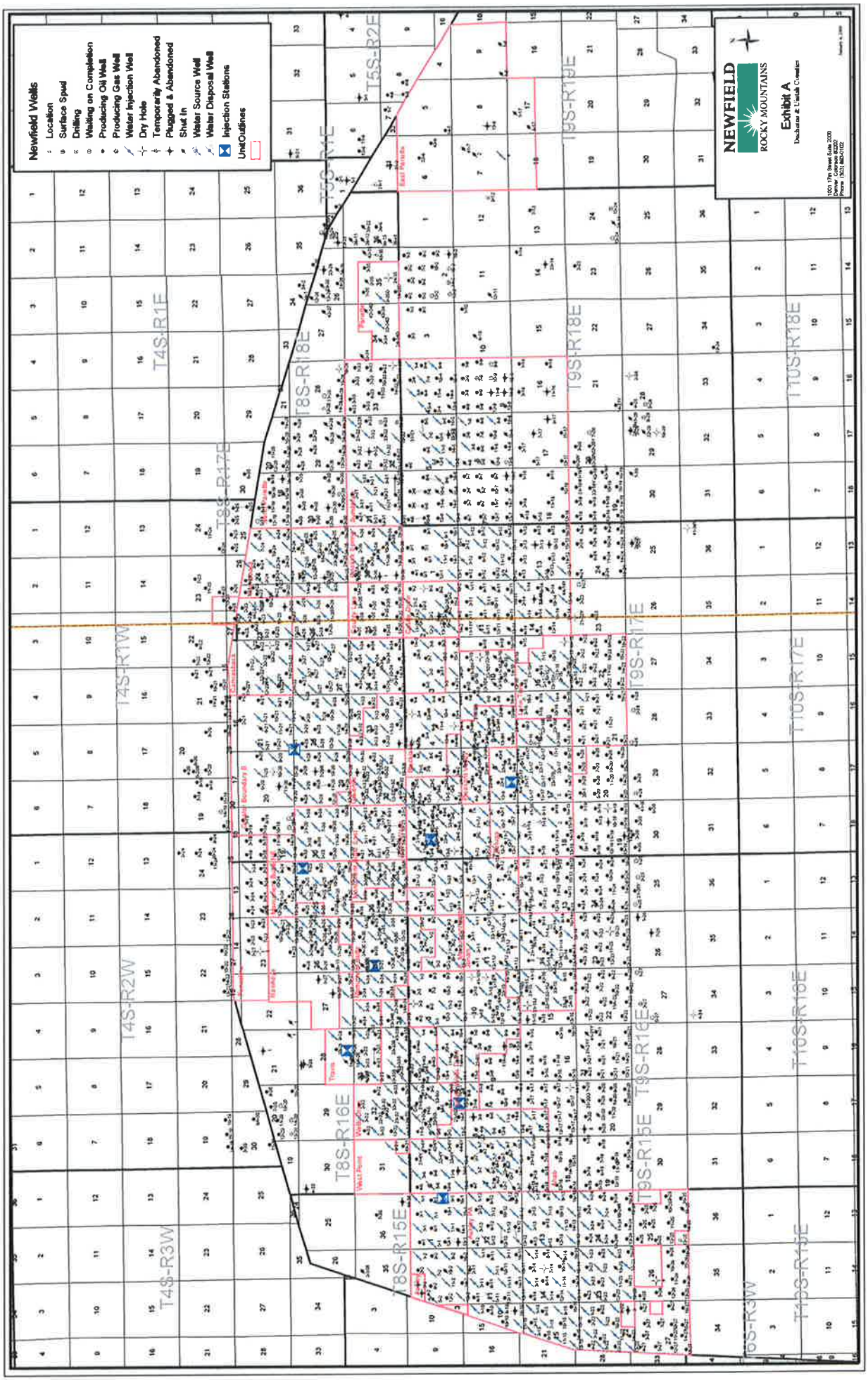

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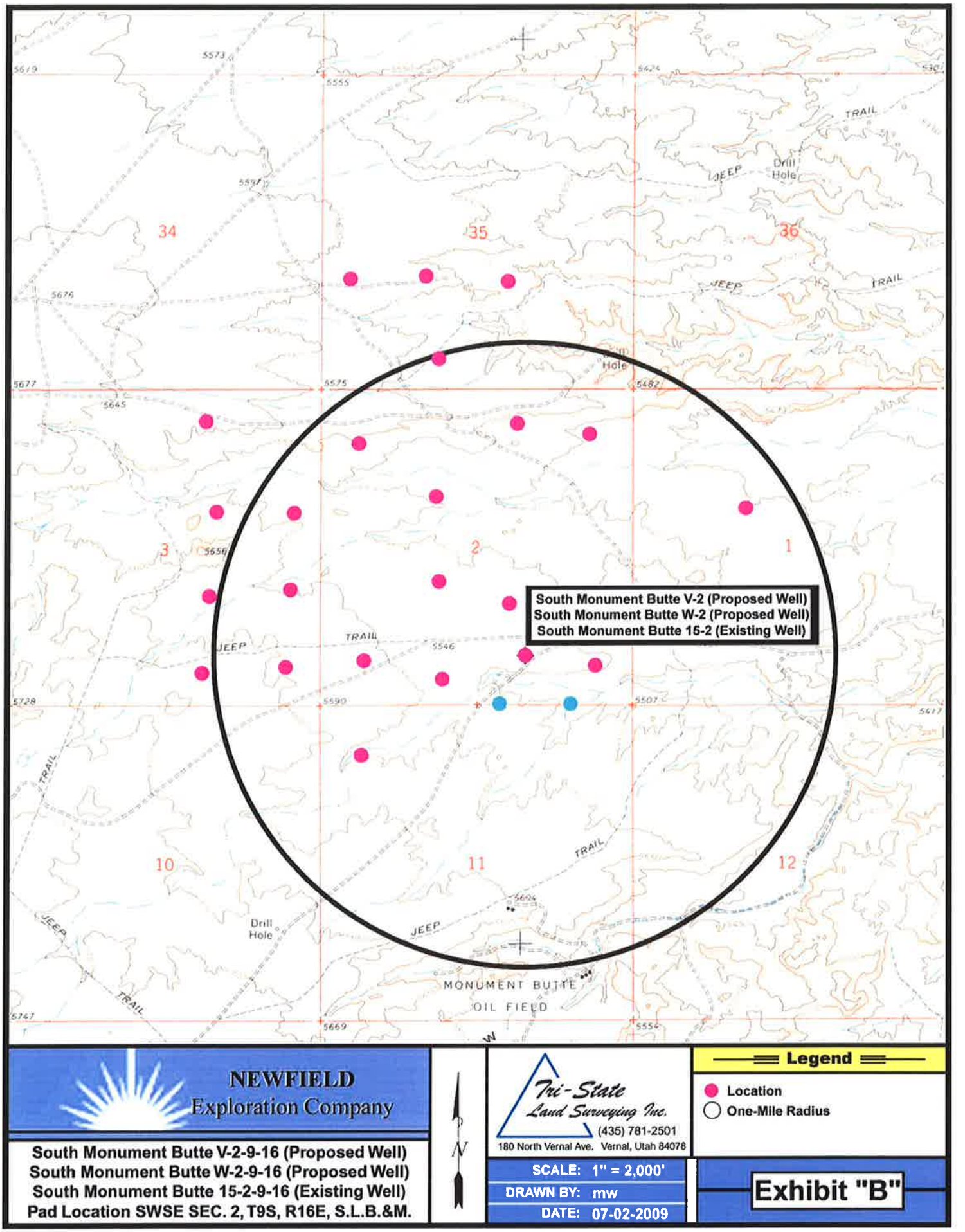


NEWFIELD PRODUCTION COMPANY
SOUTH MONUMENT BUTTE STATE W-2-9-16
AT SURFACE: SW/SE SECTION 2, T9S, R16E
DUCHESNE COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. EXISTING ROADS

See attached **Topographic Map "A"**

To reach Newfield Production Company well location site South Monument Butte State W-2-9-16 located in the SW 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 1.4 ± miles to the junction of this highway and Utah State Highway 53; proceed southeasterly approximately 6.2 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 west; proceed southwesterly approximately 0.5 miles ± to the existing 15-2-9-16 well location.

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

The is no proposed access road for this location. The proposed well will be drilled off of the existing 15-2-9-16 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 15-2-9-16 well pad. There will be a pumping unit and a short flow line added to the existing tank battery for the proposed W-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 Carlsbad Canyon. All facilities will be painted within six months of installation.

5. LOCATION AND TYPE OF WATER SUPPLY

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

Johnson Water District
Water Right: 43-7478

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

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

There will be no water well drilled at this site.

6. SOURCE OF CONSTRUCTION MATERIALS

The proposed South Monument Butte State W-2-9-16 will be drilled off of the existing 15-2-9-16 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 W-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 W-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 REPRENSENTATIVE AND CERTIFICATION:**

Representative

'APIWellNo:43013501210000'

Name: Tim Eaton
Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that Newfield Production Company is considered to be the operator of well #W-2-9-16, SW/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 Bond #B001834.

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.

8/18/09
Date

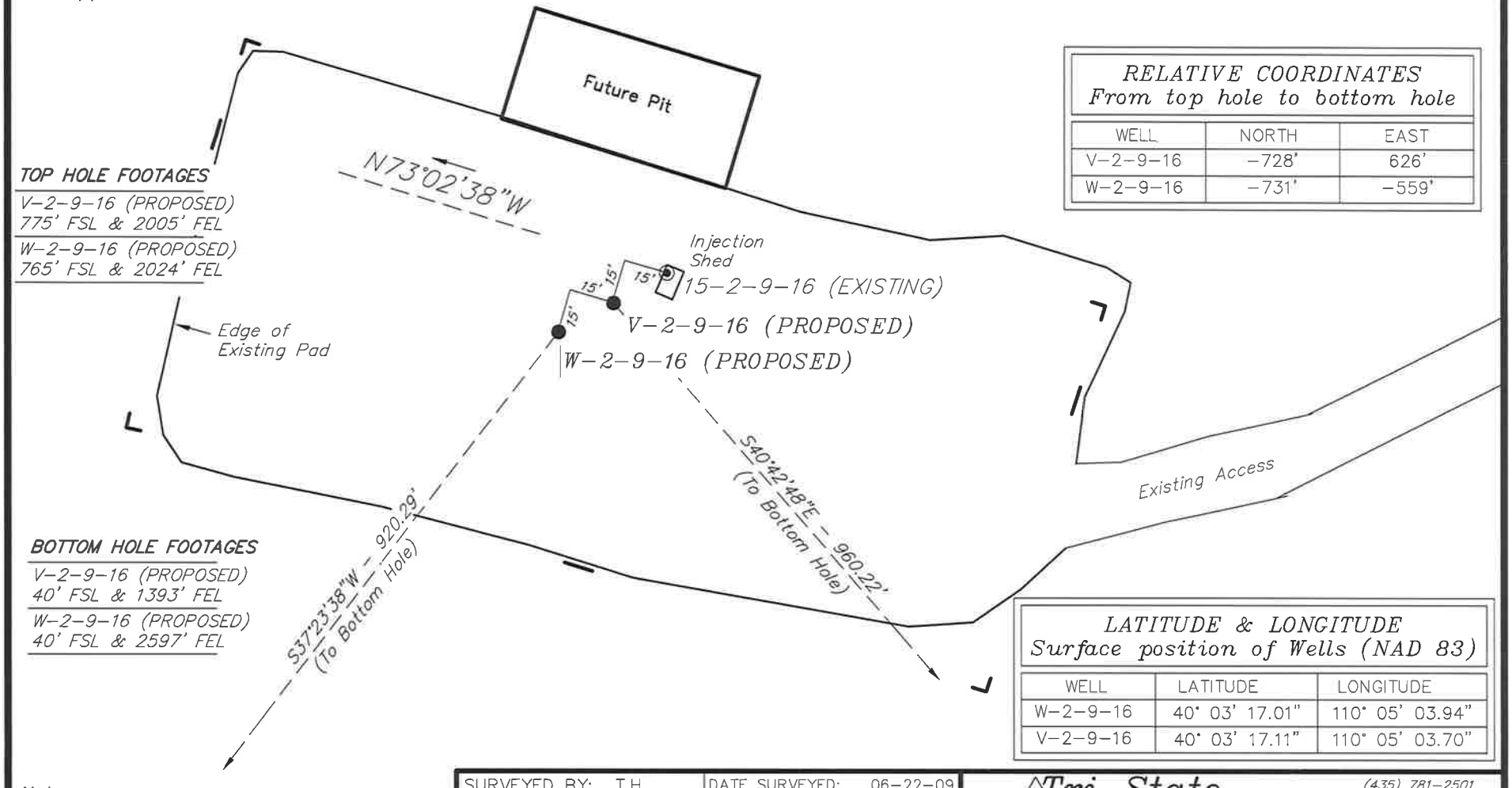
Mandie Crozier
Regulatory Specialist
Newfield Production Company

'APIWellNo:43013501210000'

NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

SOUTH MONUMENT BUTTE W-2-9-16 (Proposed Well)
SOUTH MONUMENT BUTTE V-2-9-16 (Proposed Well)
SOUTH MONUMENT BUTTE 15-2-9-16 (Existing Well)
Pad Location: SWSE Section 2, T9S, R16E, S.L.B.&M.



TOP HOLE FOOTAGES

V-2-9-16 (PROPOSED)
775' FSL & 2005' FEL

W-2-9-16 (PROPOSED)
765' FSL & 2024' FEL

BOTTOM HOLE FOOTAGES

V-2-9-16 (PROPOSED)
40' FSL & 1393' FEL

W-2-9-16 (PROPOSED)
40' FSL & 2597' FEL

RELATIVE COORDINATES
From top hole to bottom hole

WELL	NORTH	EAST
V-2-9-16	-728'	626'
W-2-9-16	-731'	-559'

LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
W-2-9-16	40° 03' 17.01"	110° 05' 03.94"
V-2-9-16	40° 03' 17.11"	110° 05' 03.70"

Note:
Bearings are based on GLO Information.

SURVEYED BY:	T.H.	DATE SURVEYED:	06-22-09
DRAWN BY:	M.W.	DATE DRAWN:	06-26-09
SCALE:	1" = 50'	REVISED:	

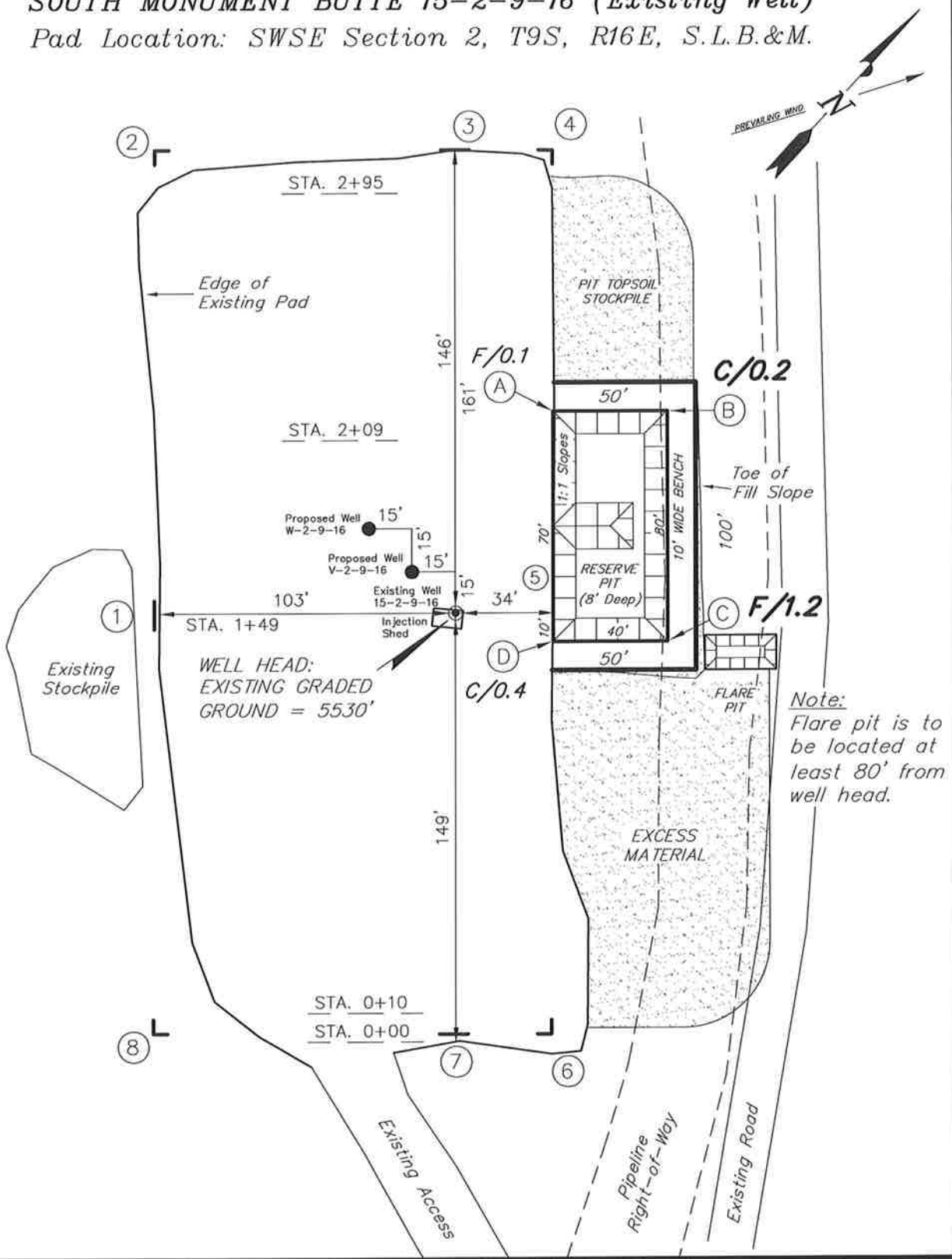
Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

'APIWellNo:43013501210000'

NEWFIELD PRODUCTION COMPANY

SOUTH MONUMENT BUTTE W-2-9-16 (Proposed Well)
SOUTH MONUMENT BUTTE V-2-9-16 (Proposed Well)
SOUTH MONUMENT BUTTE 15-2-9-16 (Existing Well)

Pad Location: SWSE Section 2, T9S, R16E, S.L.B.&M.



SURVEYED BY: S.V.	DATE SURVEYED:	6-22-09	
DRAWN BY: M.W.	DATE DRAWN:	6-26-09	
SCALE: 1" = 50'	REVISED:		

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

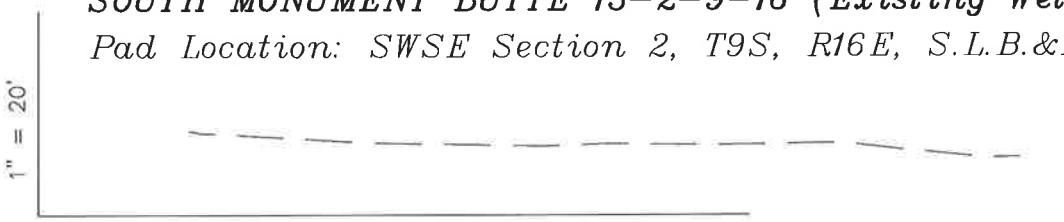
'APIWellNo:43013501210000'

NEWFIELD PRODUCTION COMPANY

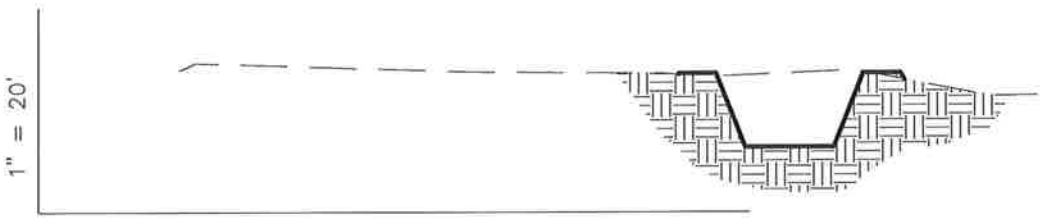
CROSS SECTIONS

SOUTH MONUMENT BUTTE W-2-9-16 (Proposed Well)
SOUTH MONUMENT BUTTE V-2-9-16 (Proposed Well)
SOUTH MONUMENT BUTTE 15-2-9-16 (Existing Well)

Pad Location: SWSE Section 2, T9S, R16E, S.L.B.&M.



STA. 2+95



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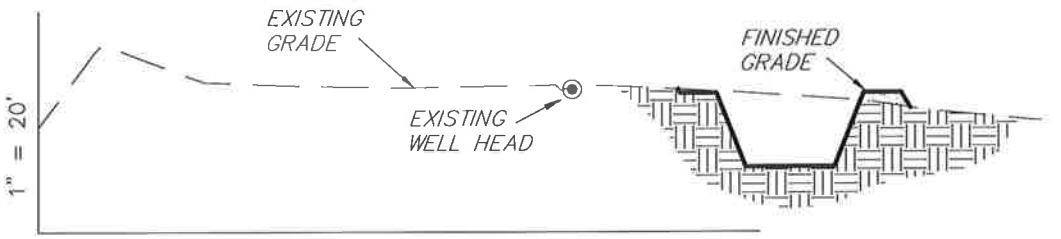
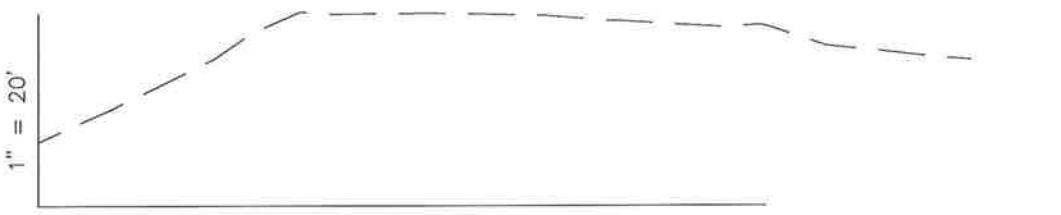


STA. 1+49



STA. 0+10

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

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	0	50	Topsoil is not included in Pad Cut	-50
PIT	560	0		560
TOTALS	560	50	120	510

SURVEYED BY: S.V.	DATE SURVEYED:	6-22-09	
DRAWN BY: M.W.	DATE DRAWN:	6-26-09	
SCALE: 1" = 50'	REVISED:		

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

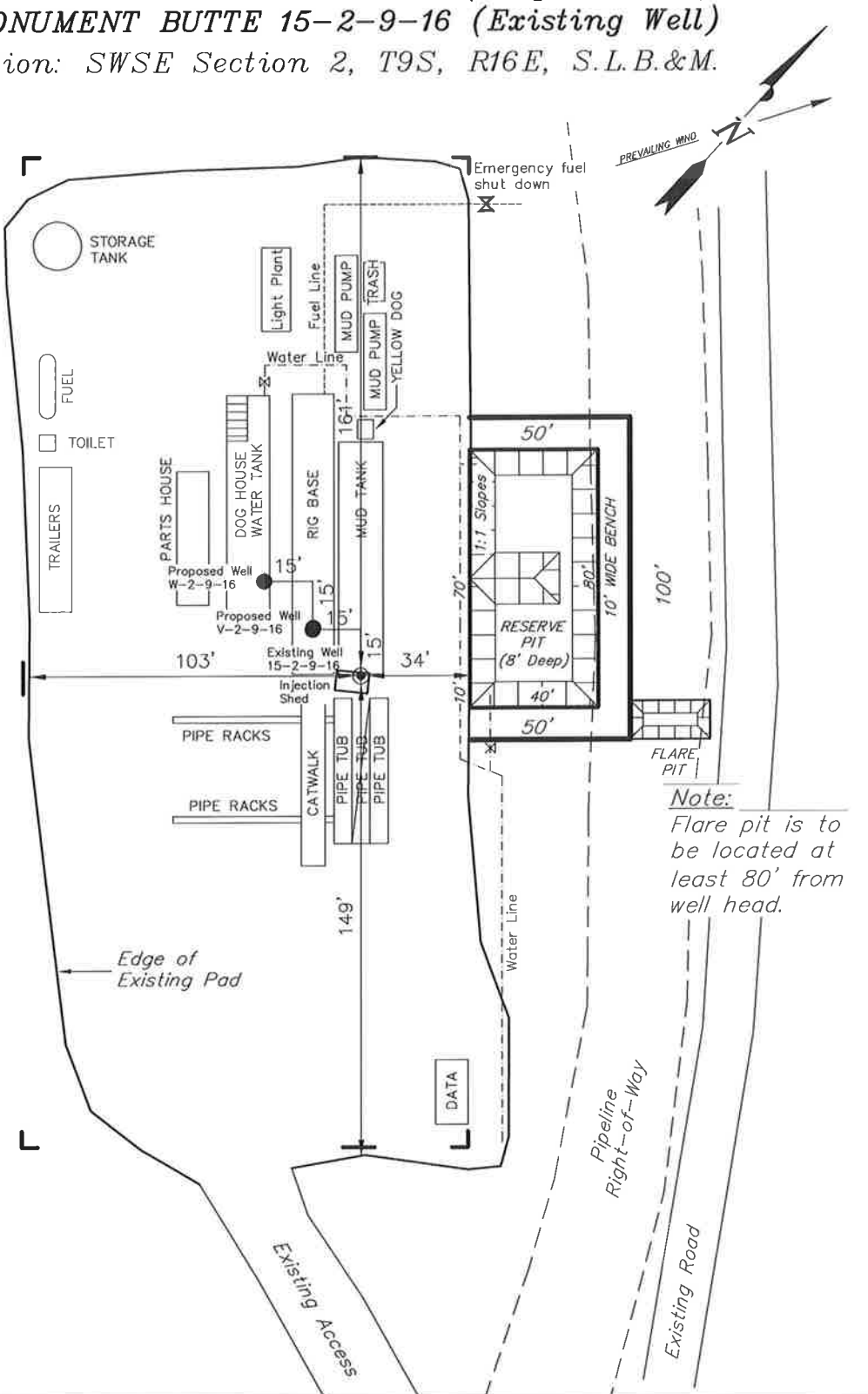
'APIWellNo:43013501210000'

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

SOUTH MONUMENT BUTTE W-2-9-16 (Proposed Well)
SOUTH MONUMENT BUTTE V-2-9-16 (Proposed Well)
SOUTH MONUMENT BUTTE 15-2-9-16 (Existing Well)

Pad Location: SWSE Section 2, T9S, R16E, S.L.B.&M.



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

SURVEYED BY: S.V.	DATE SURVEYED:	6-22-09	
DRAWN BY: M.W.	DATE DRAWN:	6-26-09	
SCALE: 1" = 50'	REVISED:		

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

'APIWellNo:43013501210000'

Newfield Production Company
Proposed Site Facility Diagram

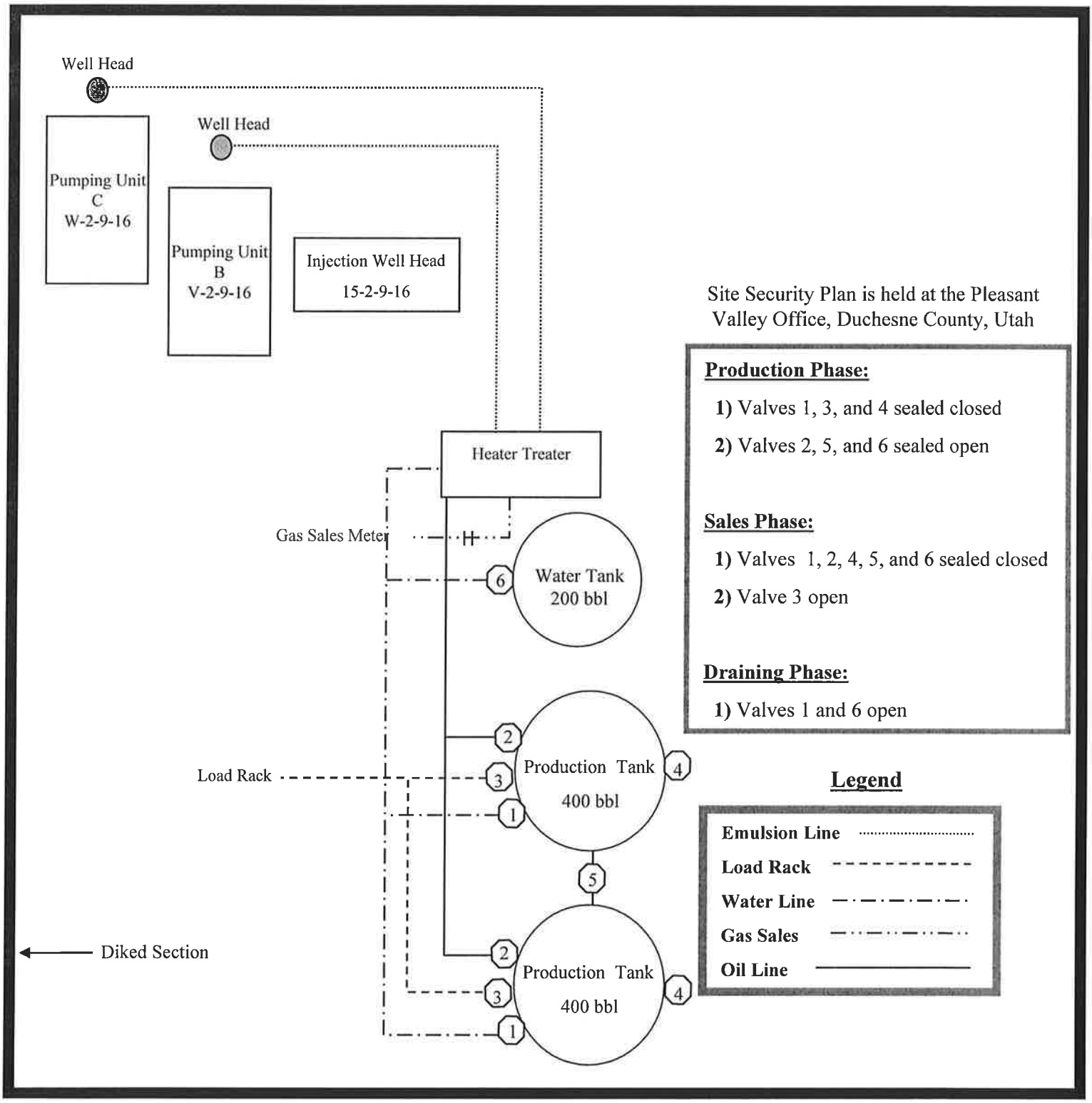
So. Monument Butte State W-2-9-16

From the 15-2-9-16 Location

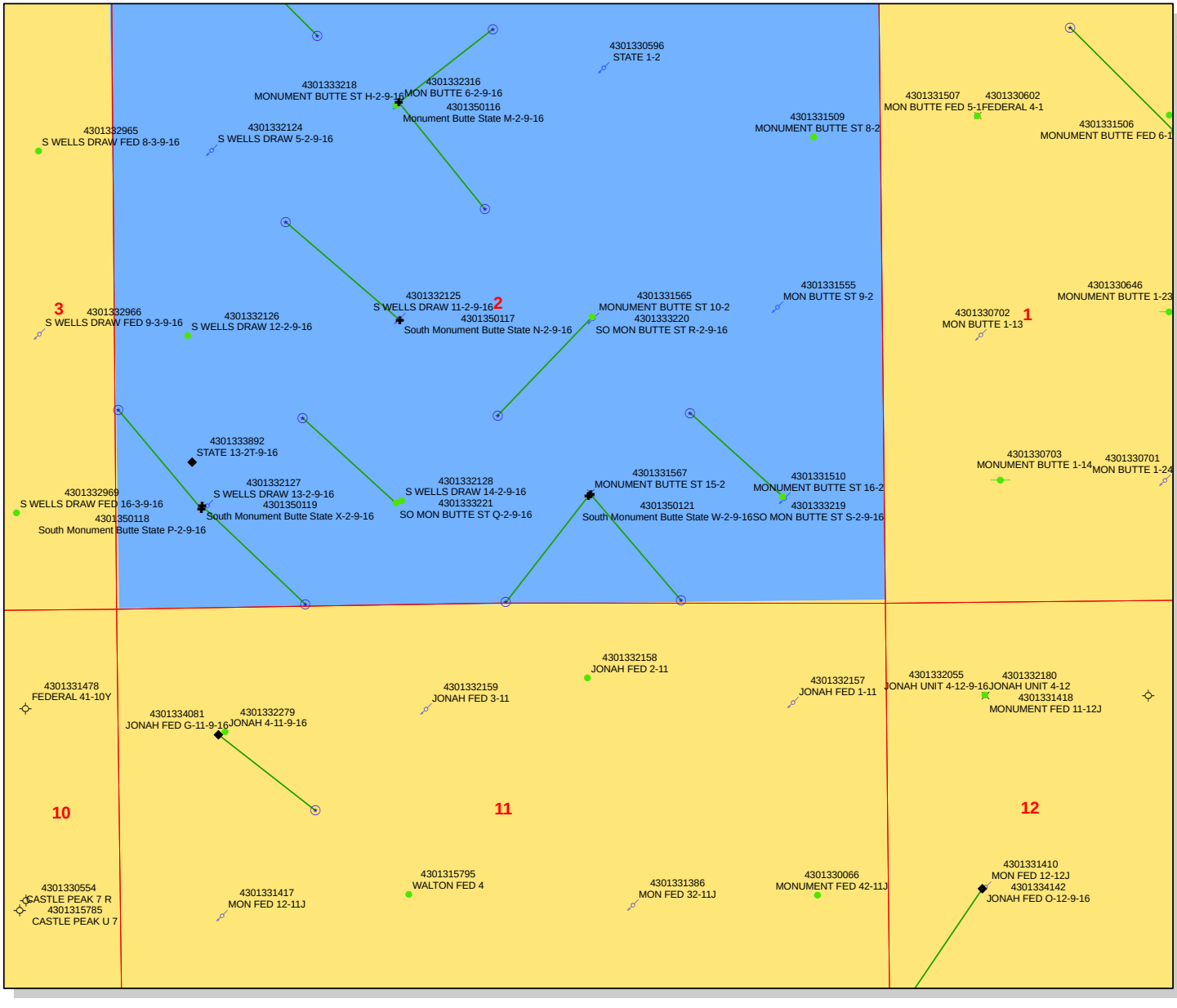
SW/SE Sec. 2, T9S, R16E

Duchesne County, Utah

ML-21839



'APIWellNo:43013501210000'



API Number: 4301350121

Well Name: South Monument Butte State W-2-9-16

Township 09.0 S Range 16.0 E Section 2

Meridian: SLBM

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
Map Produced by Diana Mason

Sections
Wells Query Events
<all other values>
GIS_STAT_TYPE
<Null>
APD
DRL
GI
GS
LA
NEW
OPS
PA
PGW
POW
RET
SGW
SOW
TA
TW
WD
WI
WS

820 410 0 820 Feet

1:8,382

From: Jim Davis
To: Bonner, Ed; Mason, Diana
Date: 8/31/2009 9:01 AM
Subject: SITLA well approvals (Newfield 16)

CC: Garrison, LaVonne

The following wells have been approved by SITLA including arch and paleo clearance.

Monument Butte East State A-36-8-16 [API #4301350105],

Monument Butte East State J-36-8-16 [API #4301350106],

Monument Butte East State B-36-8-16 [API #4301350107],

Monument Butte East State C-36-8-16 [API #4301350108],

Monument Butte East State G-36-8-16 [API #4301350109],

Monument Butte East State M-36-8-16 [API #4301350110],

Monument Butte East State H-36-8-16 [API #4301350111],

Monument Butte State Q-36-8-16 [API #4301350113],

Monument Butte East State R-36-8-16 [API #4301350114],

Monument Butte State G-2-9-16 [API #4301350115],

South Monument Butte State M-2-9-16 [API #4301350116],

South Monument Butte State N-2-9-16 [API #4301350117],

South Monument Butte State P-2-9-16 [API #4301350118],

South Monument Butte State X-2-9-16 [API #4301350119],

South Monument Butte State V-2-9-16 [API #4301350120],

South Monument Butte State W-2-9-16 [API #4301350121]

These wells are still waiting for approvals of one kind or another:

Monument Butte East Federal V-35-8-16, Host well 2-2-9-16, no new disturbance (State surface, Federal mineral)
Monument Butte East Federal W-35-8-16, Host well 2-2-9-16, no new disturbance (State surface, Federal mineral)
Monument Butte East State K-36-8-16 [API #4301350112], Host well 9-36-8-16, new disturbance

-Jim

Jim Davis
Utah Trust Lands Administration
jimdavis1@utah.gov
Phone: (801) 538-5156

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)

August 28, 2009

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2009 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 2009 within the South Monument Butte Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-50117	S Monument Butte N-2-9-16	Sec 02 T09S R16E 1989 FSL 1981 FWL BHL Sec 02 T09S R16E 2635 FNL 1204 FWL
43-013-50118	S Monument Butte P-2-9-16	Sec 02 T09S R16E 0704 FSL 0607 FWL BHL Sec 02 T09S R16E 1393 FSL 0040 FWL
43-013-50119	S Monument Butte X-2-9-16	Sec 02 T09S R16E 0724 FSL 0613 FWL BHL Sec 02 T09S R16E 0040 FSL 1317 FWL
43-013-50120	S Monument Butte V-2-9-16	Sec 02 T09S R16E 0775 FSL 2005 FEL BHL Sec 02 T09S R16E 0040 FSL 1393 FEL
43-013-50121	S Monument Butte W-2-9-16	Sec 02 T09S R16E 0765 FSL 2024 FEL BHL Sec 02 T09S R16E 0040 FSL 2597 FEL

The approval of these wells should be deferred until the approval of the Greater Monument Butte Unit.

/s/ Michael L. Coulthard

bcc: File – South Monument Butte Unit
Division of Oil Gas and Mining
Central Files

Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:8-28-09

'APIWellNo:43013501210000'

NEWFIELD
ROCKY MOUNTAINS

December 2, 2009

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

1913

RE: Directional Drilling
South Monument Butte State W-2-9-16
Greater Monument Butte (Green River) Unit
ML-21839
Surface Hole: T9S-R16E Section 2: SWSE
765' FSL 2024' FEL

At Target: T9S-R16E Section 2: SWSE
40' FSL 2597' FEL

Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing by Newfield Production Company (NPC) of an Application for Permit to Drill the above referenced well dated 8/18/09, a copy of which is attached, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole and target locations of this well are both within the boundaries of the Greater Monument Butte Unit (UTU-87538X), of which Newfield certifies that it is the operator. Further, Newfield Certifies that all lands within 460 feet of the entire directional well bore are within the Greater Monument Butte Unit.

NPC is permitting this well as a directional well in order to mitigate surface disturbance by utilizing pre-exiting roads and pipelines.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please contact the undersigned at 303-383-4197 or by email at sgillespie@newfield.com. Your consideration in this matter is greatly appreciated.

Sincerely,
Newfield Production Company

Shane Gillespie
Land Associate

RECEIVED
DEC 07 2009
DIV. OF OIL, GAS & MINING

BOPE REVIEW NEWFIELD PRODUCTION COMPANY ment Butte State W-2-9-16 43013501210000

Well Name	NEWFIELD PRODUCTION COMPANY South Monument Butte State W-2-9			
String	Surf	Prod		
Casing Size(")	8.625	5.500		
Setting Depth (TVD)	1000	6224		
Previous Shoe Setting Depth (TVD)	0	1000		
Max Mud Weight (ppg)	8.3	8.6		
BOPE Proposed (psi)	500	2000		
Casing Internal Yield (psi)	2950	4810		
Operators Max Anticipated Pressure (psi)	2713	8.4		

Calculations	Surf String	8.625	"
Max BHP (psi)	.052*Setting Depth*MW=	432	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	312	YES Air drill
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	212	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	212	NO OK
Required Casing/BOPE Test Pressure=		1000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

Calculations	Prod String	5.500	"
Max BPH (psi)	.052*Setting Depth*MW=	2783	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2036	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1414	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1634	NO Reasonable
Required Casing/BOPE Test Pressure=		2000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		1000	psi *Assumes 1psi/ft frac gradient

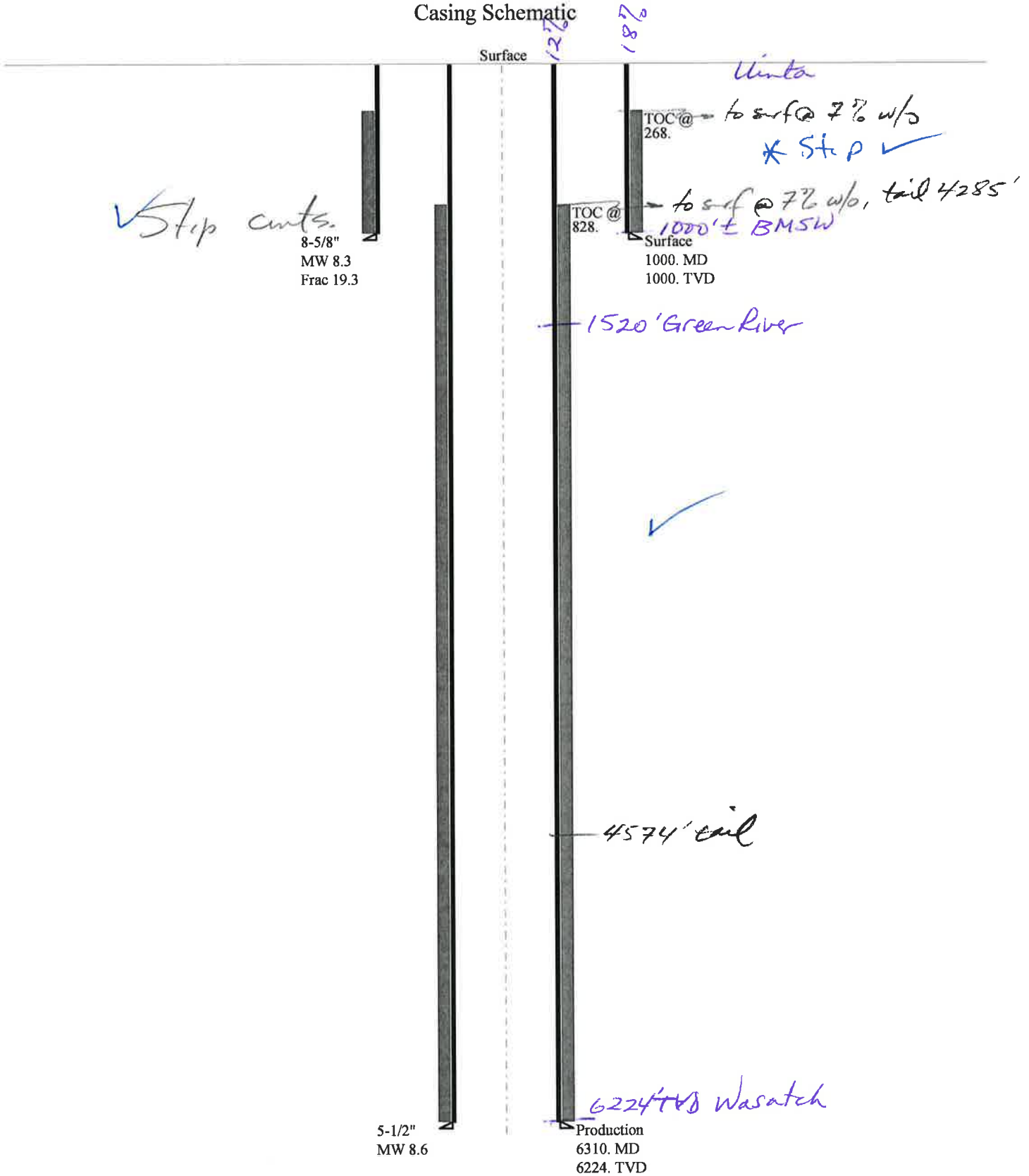
Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

'APIWellNo:43013501210000'

43013501210000 South Monument Butte State W-2-9-16

Casing Schematic



'APIWellNo:43013501210000'

Well name:	**43013501210000 South Monument Butte State W-2-9-16**
Operator:	**NEWFIELD PRODUCTION COMPANY**
String type:	Surface
Project ID:	43-013-50121
Location:	DUCHESNE COUNTY

Design parameters:

Collapse
Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 880 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 1,000 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 875 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 88 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 268 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 6,224 ft
Next mud weight: 8.600 ppg
Next setting BHP: 2,781 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 1,000 ft
Injection pressure: 1,000 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)	Est. Cost ($)
1	1000	8.625	24.00	J-55	ST&C	1000	1000	7.972	5147

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	433	1370	3.166	1000	2950	2.95	24	244	10.17 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: March 1,2010
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 1000 ft, a mud weight of 8.33 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.

'APIWellNo:43013501210000'

Well name:	**43013501210000 South Monument Butte State W-2-9-16**
Operator:	**NEWFIELD PRODUCTION COMPANY**
String type:	Production
Project ID:	43-013-50121
Location:	DUCHESNE COUNTY

Design parameters:

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

Burst
Max anticipated surface pressure: 1,411 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 2,781 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

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

Tension is based on air weight.
Neutral point: 5,485 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 161 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 828 ft

Directional Info - Build & Hold
Kick-off point 1100 ft
Departure at shoe: 920 ft
Maximum dogleg: 1.5 °/100ft
Inclination at shoe: 10.95 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	6310	5.5	15.50	J-55	LT&C	6224	6310	4.825	22281

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	2781	4040	1.453	2781	4810	1.73	96.5	217	2.25 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: March 1,2010
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 6224 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.

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

Operator	NEWFIELD PRODUCTION COMPANY								
Well Name	South Monument Butte State W-2-9-16								
API Number	43013501210000	**APD No**	1915	**Field/Unit**	MONUMENT BUTTE				
Location: 1/4,1/4	SWSE	**Sec**	2	**Tw**	9.0S	**Rng**	16.0E	765 FSL	2024 FEL
GPS Coord (UTM)	578154 4434026	**Surface Owner**							

Participants

Floyd Bartlett (DOGM), Tim Eaton (Newfield).

Regional/Local Setting & Topography

The proposed South Monument Butte State W-2-9-16 and the South Monument Butte State V-2-9-16 are proposed oil wells to be directionally drilled from the existing pad of the South Monument Butte State 15-36-8-16 water flood injection well. No changes are planned to the existing pad. The reserve pit will be re-dug near the original location in the northwest side of the pad. The wells are on 20-acre spacing.

A field review of the site and the existing pad showed no concerns and should be suitable for drilling and operating the proposed additional wells.

SITLA owns both the surface and the minerals.

Surface Use Plan

Current Surface Use
Existing Well Pad

New Road Miles	**Well Pad**		**Src Const Material**	**Surface Formation**
0	**Width**	**Length**		

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands

Flora / Fauna
Existing Well Pad

Soil Type and Characteristics

Erosion Issues

Sedimentation Issues

Site Stability Issues

Drainage Diverson Required?

Berm Required?

Erosion Sedimentation Control Required?

Paleo Survey Run?	Paleo Potental Observed?	Cultural Survey Run?	Cultural Resources?

Reserve Pit

Site-Specific Factors		Site Ranking	
Distance to Groundwater (feet)	100 to 200	5	
Distance to Surface Water (feet)	>1000	0	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)		20	
Native Soil Type	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)		0	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
	Final Score	40	1 Sensitivity Level

Characteristics / Requirements

A reserve pit will be re-dug near the original location. Its dimensions are 80' x 40' x 8' deep. A 10-foot wide bench is provided around the outside. A 16-mil liner with an appropriate sub-liner is required.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** Y

Other Observations / Comments

Floyd Bartlett	8/24/2009
Evaluator	**Date / Time**

Application for Permit to Drill
Statement of Basis

Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
1915	43013501210000	LOCKED	OW	S	No

Operator	NEWFIELD PRODUCTION COMPANY	**Surface Owner-APD**	
Well Name	South Monument Butte State W-2-9-16	**Unit**	GMBU (GRRV)
Field	MONUMENT BUTTE	**Type of Work**	DRILL
Location	SWSE 2 9S 16E S 765 FSL 2024 FEL	GPS Coord (UTM)	578150E 4434015N

Geologic Statement of Basis

Newfield proposes to set 300' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 1,000'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 2. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a major source of useable ground water. However, ground water in the Uinta Formation should be of sufficient quality and quantity for isolated domestic and agricultural use and should be protected. Surface casing should be extended to cover the base of the moderately saline ground water.

Brad Hill	9/1/2009
APD Evaluator	**Date / Time**

Surface Statement of Basis

The proposed South Monument Butte State W-2-9-16 and the South Monument Butte State V-2-9-16 are proposed oil wells to be directionally drilled from the existing pad of the South Monument Butte State 15-36-8-16 water flood injection well. No changes are planned to the existing pad. The reserve pit will be re-dug near the original location in the northwest side of the pad. The wells are on 20-acre spacing.

A field review of the site and the existing pad showed no concerns and should be suitable for drilling and operating the proposed additional wells.

SITLA owns both the surface and the minerals. They were invited to the pre-site visit but did not attend.

The Utah Division of Wildlife Resources was also invited and did not attend.

Floyd Bartlett	8/24/2009
Onsite Evaluator	**Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 8/18/2009 **API NO. ASSIGNED:** 43013501210000

WELL NAME: South Monument Butte State W-2-9-16

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695) **PHONE NUMBER:** 435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: SWSE 2 090S 160E **Permit Tech Review:** ☑

SURFACE: 0765 FSL 2024 FEL **Engineering Review:** ☑

BOTTOM: 0040 FSL 2597 FEL **Geology Review:** ☑

COUNTY: DUCHESNE

LATITUDE: 40.05465 **LONGITUDE:** -110.08376

UTM SURF EASTINGS: 578150.00 **NORTHINGS:** 4434015.00

FIELD NAME: MONUMENT BUTTE

LEASE TYPE: 3 - State

LEASE NUMBER: ML-21839 **PROPOSED PRODUCING FORMATION(S):** GREEN RIVER

SURFACE OWNER: 3 - State **COALBED METHANE:** NO

RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** STATE/FEE - B001834
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** 43-7478
- ☐ **RDCC Review:**
- ☐ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit: GMBU (GRRV)

- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☑ **Drilling Unit**

Board Cause No: Cause 213-11

Effective Date: 11/30/2009

Siting: 460' fr unit boundary

- ☑ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
5 - Statement of Basis - bhill
15 - Directional - dmason
25 - Surface Casing - ddoucet
27 - Other - bhill

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Permit To Drill

****

Well Name: South Monument Butte State W-2-9-16
API Well Number: 43013501210000
Lease Number: ML-21839
Surface Owner: STATE
Approval Date: 3/9/2010

Issued to:
NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:
Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 213-11. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
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

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

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

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Surface casing shall be cemented to the surface.

Production casing cement shall be brought up to or above the top of the unitized interval for the Greater Monument Butte Unit (Cause No. 213-11).

Additional Approvals:
The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan – contact Dustin Doucet
- Significant plug back of the well – contact Dustin Doucet
- Plug and abandonment of the well – contact Dustin Doucet

Notification Requirements:
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at https://oilgas.ogm.utah.gov
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program – contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well – contact Dan Jarvis

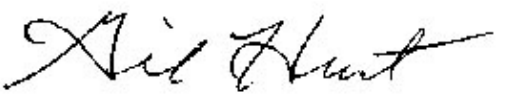
Contact Information:
The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
  801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
  801-231-8956 - after office hours

Reporting Requirements:
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:



Gil Hunt
Associate Director, Oil & Gas

Form 3160-3
(August 2007)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
UTU-096550

6. If Indian, Allotee or Tribe Name
NA

1a. Type of work: ☑ DRILL ☐ REENTER

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

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

8. Lease Name and Well No.
South Monument Butte W-2-9-16

2. Name of Operator Newfield Production Company

9. API Well No.
43-013-50121

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

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

10. Field and Pool, or Exploratory
Monument Butte

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*
At surface SW/SE 765' FSL 2024' FEL Sec. 2, T9S R16E (ML-21839)
At proposed prod. zone NE/NW 162' FNL 2537' FWL Sec. 11, T9S R16E (UTU-096550)

11. Sec., T. R. M. or Blk. and Survey or Area
Sec. 2, T9S R16E

14. Distance in miles and direction from nearest town or post office*
Approximately 13.3 miles south of Myton, UT

12. County or Parish
Duchesne

13. State
UT

15. Distance from proposed* location to nearest property or lease line, ft. Approx. 249' f/lse, NA' f/unit (Also to nearest drig. unit line, if any)

16. No. of acres in lease
840.00

17. Spacing Unit dedicated to this well
20 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.
Approx. 987'

19. Proposed Depth
6,300'

20. BLM/BIA Bond No. on file
WYB000493

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5530' GL

22. Approximate date work will start*
NA

23. Estimated duration
(7) days from SPUD to rig release

24. Attachments

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

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

25. Signature — Name *(Printed/Typed)*: Mandie Crozier — Date: 7/21/10

Title: Regulatory Specialist

Approved by *(Signature)* — Name *(Printed/Typed)*: James H. Sparger — Date: JAN 25 2011

Title: Acting Assistant Field Manager Lands & Mineral Resources — Office: VERNAL FIELD OFFICE

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

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

(Continued on page 2)

*(Instructions on page 2)

NOS APD posted 7/28/10 RH

AFMSS# 10CX5006QA

RECEIVED
JUL 26 2010
BLM VERNAL, UTAH

NOTICE OF APPROVAL
RECEIVED
FEB 01 2011
DIV. OF OIL, GAS & MINING

UDOGM

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-4400

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	**Newfield Production Company**	**Location:**	**SWSE, Sec. 2, T9S, R16E**
Well No:	**South Monument Butte W-2-9-16**	**Lease No:**	**UTU-096550**
API No:	**43-013-50121**	**Agreement:**	**Greater Monument Butte (GR)**

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

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

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

NOTIFICATION REQUIREMENTS

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

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.

- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.

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

- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

- A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be installed and maintained in the reserve pit.

- The well site shall be bermed to prevent fluids from leaving the pad.

- The reserve pit shall be fenced upon completion of drilling operations.

- Any deviation from submitted APD's and ROW applications the operator will notify the BLM in writing and will receive written authorization of any such change with appropriate authorization.

- All operator employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and ROW permits/authorizations on their person(s) during all phases of construction.

- All vehicular traffic, personnel movement, construction/restoration operations shall be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.

DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- None.

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

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

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:

    - Operator name, address, and telephone number.
    - Well name and number.
    - Well location (¼¼, Sec., Twn, Rng, and P.M.).
    - Date well was placed in a producing status (date of first production for which royalty will be paid).
    - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
    - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
    - Unit agreement and/or participating area name and number, if applicable.
    - Communitization agreement number, if applicable.

- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.

- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4.

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

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.

- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

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

Spud

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross #26
Submitted By Mitch Benson Phone Number (435) 823-5885
Name/Numer South Monument Butte W-2-9-16
Qtr/Qrt SW/SE Section 2 Township 9S Range 16E
Lease Serial Number ML-21839
API Number 43-013-50121

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

Date/Time 3/26/2010 9:00:00 AM

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

X Surface Casing
Intermediate
Production Casing
Liner
Other

Date/Time 3/27/2010 4:00:00 PM

Remarks:

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

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

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	17558	4301350205	UTE TRIBAL 3-22-4-1	NENW	22	4S	1W	DUCHESNE	3/23/2010	4/5/10

WELL 1 COMMENTS: GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	17400 ✓	4301333899	BLACKJACK V-4-9-17	NENE	9	9S	17E	DUCHESNE	3/26/2010	4/5/10

GRRV BHL = Sec 4 SWSE

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE
B	99999	17400 ✓	4301350149	FEDERAL 14-29-8-16	SESW	29	8S	16E	DUCHESNE	3/26/2010	4/5/10

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	17559	4301350203	UTE TRIBAL 2-21-4-1	NWNE	21	4S	1W	DUCHESNE	3/20/2010	4/5/10

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	17400 ✓	4301334129	GREATER BOUNDARY II N-3-9-17	SWNW ✓	3	9S	17E	DUCHESNE	3/21/2010	4/5/10

WELL 5 COMMENTS: GRRV BHL = SWNW

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	17400 ✓	4301350121	S MON BUTTE W-2-9-16	SWSE	2	9S	16E	DUCHESNE	3/26/2010	4/5/10

WELL 5 COMMENTS: GRRV BHL = SWSE

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

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

RECEIVED
MAR 29 2010
DIV. OF OIL, GAS & MINING

Signature: Jentri Park
Production Clerk
03/26/10
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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME: GMBU

1. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER

8. WELL NAME and NUMBER: SO MON BUTTE W-2-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 4301350121

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

PHONE NUMBER: 435.646.3721

10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT

4. LOCATION OF WELL:

FOOTAGES AT SURFACE:

COUNTY: DUCHESNE

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

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARITLY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[X] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
04/01/2010	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[X] OTHER: - Spud Notice
	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

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

On 3/29/10 MIRU Ross rig #26.Spud well @ 8:00 AM. Drill 1025" of 12 1/4" hole with air mist. TIH W/ 23 Jt's 8 5/8" J-55 24 # csgn. Set @ 1023.09' KB On 3/31/10 cement with 500 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 25 bbls cement to pit. WOC.

NAME (PLEASE PRINT) Ryan Crum TITLE

SIGNATURE Kandis Crozier For Ryan Crum DATE 04/01/2010

(This space for State use only)

RECEIVED
MAY 05 2010
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8" CASING SET AT 1023.09

LAST CASING 8 5/8" SET AT 1023.09
DATUM 13
DATUM TO CUT OFF CASING 13
DATUM TO BRADENHEAD FLANGE 13
TD DRILLER 1025 LOGGER
HOLE SIZE 12 1/4"

OPERATOR Newfield Exploration Company
WELL SO MON BUTTE W-2-9-16
FIELD/PROSPECT Monumont Butte
CONTRACTOR & RIG # Ross # 26

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
1		92 csg head				A	0.95
23	8 5/8"	ST&C casing (shoe jt 43.88')	24	J-55	STC	A	1010.24
1	8 5/8"	Guide shoe				A	0.9

CASING INVENTORY BAL.	FEET	JTS
TOTAL LENGTH OF STRING	1012.09	23
LESS NON CSG. ITEMS	1.85	
PLUS FULL JTS. LEFT OUT	0	
TOTAL	1010.24	23
TOTAL CSG. DEL. (W/O THRDS)	1010.24	
TIMING		
BEGIN RUN CSG. Spud	8:00 AM	3/29/2010
CSG. IN HOLE	12:00 PM	3/31/2010
BEGIN CIRC	1:50 PM	3/31/2010
BEGIN PUMP CMT	2:25 PM	3/31/2010
BEGIN DSPL. CMT	2:50 PM	3/31/2010
PLUG DOWN	**3:05 PM**	**3/31/2010**

TOTAL LENGTH OF STRING	1012.09
LESS CUT OFF PIECE	2
PLUS DATUM TO T/CUT OFF CSG	13
CASING SET DEPTH	**1,023.09**

} COMPARE

GOOD CIRC THRU JOB Yes
Bbls CMT CIRC TO SURFACE 25
RECIPROCATED PIPI No

BUMPED PLUG TO 650

CEMENT USED		CEMENT COMPANY- BJ
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	500	15.8 ppg 1.17 yeild G+2%CaCl+.25#/sks
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Middle first, Top second, & third for 3		

COMPANY REPRESENTATIVE **Ryan Crum** DATE **4/1/2010**

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTAH STATE ML-21839
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
GMBU
8. WELL NAME and NUMBER:
SO MON BUTTE ~~W-2-9-16~~ STATE
9. API NUMBER:
4301350121
10. FIELD AND POOL, OR WILDCAT:
GREATER MB UNIT

SUNDRY NOTICES AND REPORTS ON WELLS

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1. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

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

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 0765 FSL 2024 FEL COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: , 2, T9S, R16E SWSE STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARITLY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[X] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
05/07/2010	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[X] OTHER: - Weekly Status Report
	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

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

The above subject well was completed on 05-07-10, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant

SIGNATURE [signature] DATE 06/08/2010

(This space for State use only)

RECEIVED
JUN 14 2010
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

SO MON BUTTE W-2-9-16

3/1/2010 To 7/30/2010

4/24/2010 Day: 1 **Completion**

Rigless on 4/24/2010 - Run CBL & perforate 1st stage - Install 5m frac head. NU 6" 5K Cameron BOP. RU hot oil truck & pressure test casing, blind rams, frac head, & casing valves to 4500 psi w/ 2 bw. RU The Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6204' w/ cement top @ 340'. Perforate stage #1, BSL- SD nsds (6091'-94') w/ 3 1/8" Port plug guns (11 gram .36" EH 16.82" pen) w/ 3 spf for a total of 9 shots. CP5 sds (6026'-30') w/ 3 1/8" Port plug guns (11 gram .36" EH 16.82" pen) w/ 3 spf for a total of 12 shots. CP4 sds (5948'-50') w/ 3 1/8" Port plug guns (11 gram .36" EH 16.82" pen) w/ 3 spf for a total of 6 shots. RD The Peforators LLC WLT.
Daily Cost: $0
Cumulative Cost: $12,614

4/27/2010 Day: 2 **Completion**

Rigless on 4/27/2010 - Frac stage 1. perforate & frac - RU BJ Services. RU PSI WLT. Frac stage 1. Perforate & frac remaining 6 stages. Open well to pit. Well flowed for 1.5 hrs to recover 176 bbls. EWTR 3051 BBLS
Daily Cost: $0
Cumulative Cost: $137,115

5/4/2010 Day: 3 **Completion**

WWS #5 on 5/4/2010 - MIRUSU WWS #5. Pick up tbg for clean out - MIRUSU WWS #5. Open well. ND Cameron BOP. Break out frac head. MU wellhead. NU Schaffer BOP. Prep & tally tbg. MU 4 3/4" chomp bit & bit sub. TIH picking up & drifting tbg. Get in hole w/ 130 jts tbg. SDFN - Continue picking up tbg. Get in hole w/ 136 jts tbg. Tag sand @ 4249'. 291' sand. Clean out sand to 4494'. Well was flowing straght oil. Flow well for 2.5 hrs until no sand. RU to flow up flow line w/ 16/64" for night. Recovered 440 bbls. SDFN ETWR 2611 BBLS - MIRUSU WWS #5. Open well. ND Cameron BOP. Break out frac head. MU wellhead. NU Schaffer BOP. Prep & tally tbg. MU 4 3/4" chomp bit & bit sub. TIH picking up & drifting tbg. Get in hole w/ 130 jts tbg. SDFN - Continue picking up tbg. Get in hole w/ 136 jts tbg. Tag sand @ 4249'. 291' sand. Clean out sand to 4494'. Well was flowing straght oil. Flow well for 2.5 hrs until no sand. RU to flow up flow line w/ 16/64" for night. Recovered 440 bbls. SDFN ETWR 2611 BBLS
Daily Cost: $0
Cumulative Cost: $171,856

5/7/2010 Day: 5 **Completion**

WWS #5 on 5/7/2010 - PU tbg to drill out plugs. RU tbg to flow through night. - Check pressure. CSG 725 psi. TBG 125 psi. Bleed off well. Pump 30 bw down tbg to kill. Tag CBP @ 4540'. RU Weatherford power swivel. Drill out plug. Continue picking up tbg to tag sand @ 4894'. 6' sand. Clean out sand to CBP @ 4900'. Drill out plug. Continue picking up tbg to tag sand @ 5172'. 18' sand. Clean out sand to CBP @ 5190'. Drill out plug continue picking up tbg to tag sand @ 5340'. 25' sand. Clean out sand to CBP @ 5365'. Drill out plug. Continue picking up tbg to tag sand @ 5545'. 45' sand. Clean out sand to CBP @ 5590'. Drill out plug. Continue picking up tbg to tag CBP @ 5800'. Drill out plug. Continue picking up tbg to tag

sand @ 6096'. Circulate well clean. LD 4 jts tbg. To place EOT @ 5970'. RU tbg on 16/64" choke to flow through night. SDFN - Check well pressure. CSG 850 psi. TBG 700 psi. Pump 30 bw down tbg to kill. Tag sand @ 6096'. No new sand. Clean ot to PBTD @ 6241'. Circulate well clean w/ 250 bbls 10# brine wtr. RD power swivel. LD excess tbg (3 jts). TOOH w/ 196 jts tbg. LD bit & bit sub. MU btm hole assembly. TIH w/ tbg detail @ follows. NC, 2 jts 2 7/8" j-55 6.5# EUE tbg, PSN, 1 jt, TAC, & 193 jts tbg. Get in hole w/ tbg. RD workfloor. ND BOP. Set TAC. MU B-1 adapter flange. Land tbg on wellhead w/ 18000# tension. X- over to rod equipment. PU & prime new Central Hydraulic 2 1/2" x 1 3/4" x 21' x 24' RHAC pump. TIH picking up rod detail @ follows. 4 - 1 1/2" wt bars, & 160 - 7/8" guided rods. PU polished rod. SDFN - Check pressure. CSG 725 psi. TBG 125 psi. Bleed off well. Pump 30 bw down tbg to kill. Tag CBP @ 4540'. RU Weatherford power swivel. Drill out plug. Continue picking up tbg to tag sand @ 4894'. 6' sand. Clean out sand to CBP @ 4900'. Drill out plug. Continue picking up tbg to tag sand @ 5172'. 18' sand. Clean out sand to CBP @ 5190'. Drill out plug continue picking up tbg to tag sand @ 5340'. 25' sand. Clean out sand to CBP @ 5365'. Drill out plug. Continue picking up tbg to tag sand @ 5545'. 45' sand. Clean out sand to CBP @ 5590'. Drill out plug. Continue picking up tbg to tag CBP @ 5800'. Drill out plug. Continue picking up tbg to tag sand @ 6096'. Circulate well clean. LD 4 jts tbg. To place EOT @ 5970'. RU tbg on 16/64" choke to flow through night. SDFN - Check well pressure. CSG 850 psi. TBG 700 psi. Pump 30 bw down tbg to kill. Tag sand @ 6096'. No new sand. Clean ot to PBTD @ 6241'. Circulate well clean w/ 250 bbls 10# brine wtr. RD power swivel. LD excess tbg (3 jts). TOOH w/ 196 jts tbg. LD bit & bit sub. MU btm hole assembly. TIH w/ tbg detail @ follows. NC, 2 jts 2 7/8" j-55 6.5# EUE tbg, PSN, 1 jt, TAC, & 193 jts tbg. Get in hole w/ tbg. RD workfloor. ND BOP. Set TAC. MU B-1 adapter flange. Land tbg on wellhead w/ 18000# tension. X- over to rod equipment. PU & prime new Central Hydraulic 2 1/2" x 1 3/4" x 21' x 24' RHAC pump. TIH picking up rod detail @ follows. 4 - 1 1/2" wt bars, & 160 - 7/8" guided rods. PU polished rod. SDFN

Daily Cost: $0

Cumulative Cost: $212,914

5/8/2010 Day: 7 **Completion**

WWS #5 on 5/8/2010 - Continue picking up rods. RDMOSU. - Open well continue picking up remaining 79 - 7/8" guided rods. Get in hole w/ rods. Space out rod pump w/ 1 - 2', 4', 6, & 8' x 7/8" pony rods. MU new 1 1/2" x 30' polished rod. Attempt to roll over unit to hang off. Unit would not roll over due to motor issues. Fill & test tbg to 200 psi w/ 2 bw. Stroke test pump to 800 psi w/ rig. Good pump action. Hang rods in upstroke. RDMOSU WWS #5. - Repaired sfc equipment. Place well on pump @ 7:00 AM 5/7/2010 W/ 144" SL @ 5 SPM. FINAL REPORT!! **Finalized**

Daily Cost: $0

Cumulative Cost: $266,150

Pertinent Files: Go to File List

API Well No: 43013501210000

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: 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: GMBU (GRRV)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: S MON BUTTE ST W-2-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013501210000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0765 FSL 2024 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 02 Township: 09.0S Range: 16.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 7/28/2010	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Change of Lease

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

The above mentioned directional well was drilled into an adjacent Federal Mineral Lease, therefore the BLM has requested that the Lease Number be changed to Lease UTU-096550. We would like to amend at this time the well name to be South Monument Butte W-2-9-16.

Approved by the Utah Division of Oil, Gas and Mining

Date: September 29, 2010

By: Dark Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Tech
SIGNATURE N/A		**DATE** 7/28/2010

RECEIVED July 28, 2010

NEWFIELD
ROCKY MOUNTAINS

September 1, 2010

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

RE: Directional Drilling
South Monument Butte W-2-9-16
Greater Monument Butte (Green River) Unit

Surface Hole: T9S-R16E Section 2: SWSE (ML-21839)
765' FSL 2024' FEL

Bottom Hole: T9S-R16E Section 11: NENW (UTU-096550)
162' FNL 2537' FWL

Duchesne County, Utah

Dear Ms. Mason;

In accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of the surface hole and bottom hole locations of this directionally drilled well.

The surface and bottom hole locations are both on lands committed to the Greater Monument Butte Unit (UTU-87538X), of which Newfield certifies that it is the operator. Newfield also Certifies that all lands within 460 feet of the entire directional well bore, which crosses the lease boundary line between ML-21839 and UTU-096550, are committed to the Greater Monument Butte Unit as shown on the attached plat.

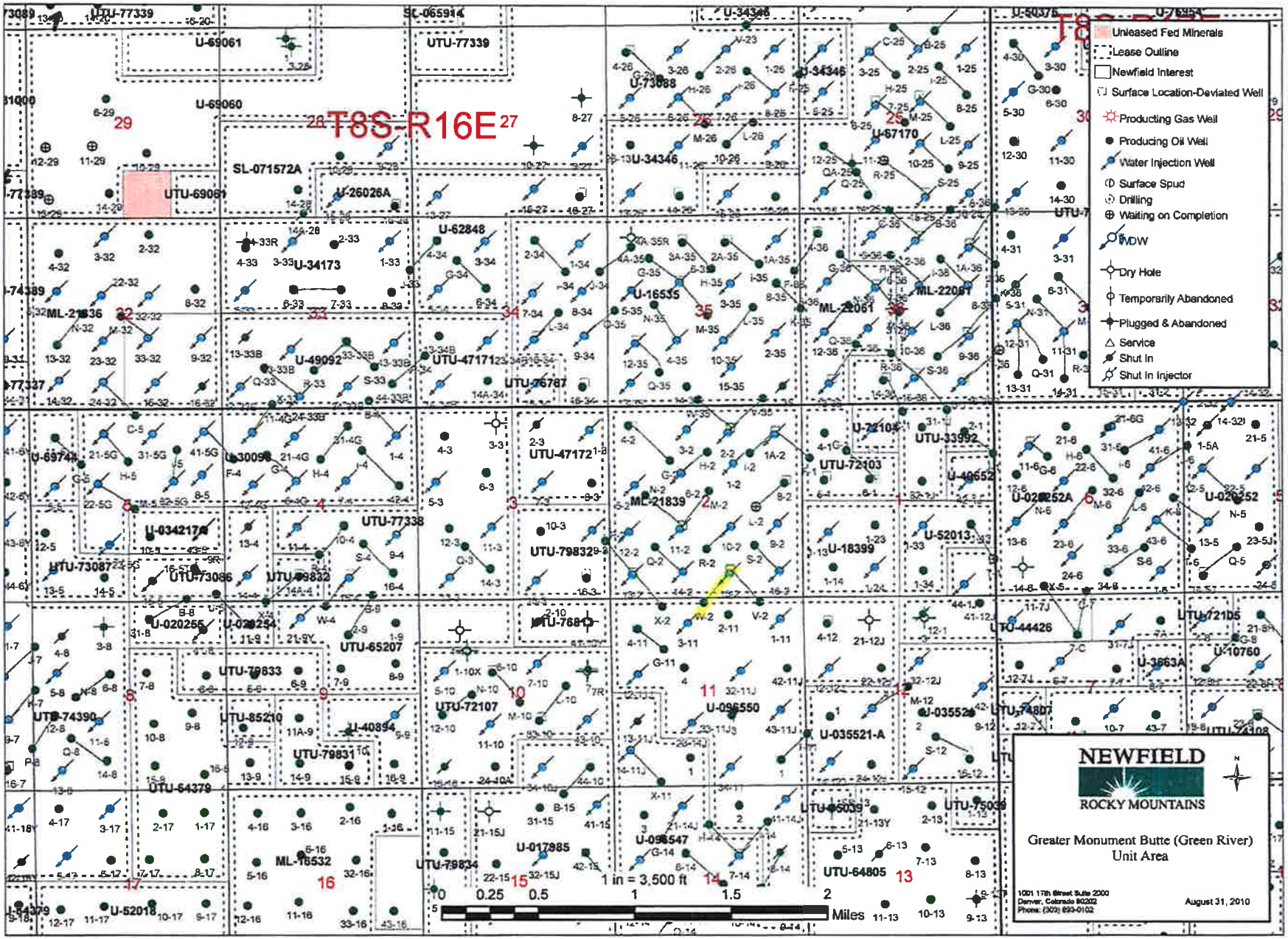
Should you have any questions or require further information, please contact the undersigned at 303-383-4197 or by email at sgillespie@newfield.com.

Sincerely,
Newfield Production Company

Shane Gillespie
Land Associate

1001 17th Street, Suite 2000 Denver, CO 80202 (303) 893-0102 Fax (303) 893-0103

RECEIVED July 28, 2010



Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: ML-21839

1a. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other:

6. If Indian, Allottee or Tribe Name:

7. Unit or CA Agreement Name and No.: GMBU

2. Name of Operator: NEWFIELD EXPLORATION COMPANY

8. Lease Name and Well No.: SO MONUMENT BUTTE W-2-9-16

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

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

9. AFI Well No.: 43-013-50121

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

BHL reviewed by HSM

At surface: 765' FSL & 2024' FEL (SW/SE) SEC. 2, T9S, R16E (ML-21839)

10. Field and Pool or Exploratory: MONUMENT BUTTE

11. Sec., T., R., M., on Block and Survey or Area: SEC. 2, T9S, R16E

At top prod. interval reported below: 209' FSL & 2450' FEL (SW/SE) SEC. 2, T9S, R16E (ML-21839)

12. County or Parish: DUCHESNE

13. State: UT

At total depth: 162' FNL & 2537' FWL (SE/SW) SEC. 11, T9S, R16E (UTU096550)

14. Date Spudded: 03/29/2010

15. Date T.D. Reached: 04/14/2010

16. Date Completed: ☐ D & A ☑ Ready to Prod. 05/07/2010

17. Elevations (DF, RKB, RT, GL)*: 5530' GL 5542' KB

18. Total Depth: MD 6300' TVD 6156'

19. Plug Back T.D.: MD 6241' TVD 6098

20. Depth Bridge Plug Set: MD TVD

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

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

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	1023'		500 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6288'		250 PRIMLITE		340'	
						425 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 6169'	TA @ 6070'						

25. Producing Intervals / 26. Perforation Record 4328

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River			5948-6094' CP4 CP5 BSL	.36"	3	27
B) Green River			5726-5758' CP.5 CP1	.34"	3	27
C) Green River			5540-5550' LODC	.34"	3	30
D) Green River			5293-5296' A3	.34"	3	33

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

Depth Interval	Amount and Type of Material
5948-6094'	Frac w/ 24270#'s 20/40 sand in 205 bbls of Lightning 17 fluid.
5726-5758'	Frac w/ 19582#'s 20/40 sand in 177 bbls of Lightning 17 fluid.
5540-5550'	Frac w/ 24933#'s 20/40 sand in 239 bbls of Lightning 17 fluid.
5293-5296'	Frac w/ 35515#'s 20/40 sand in 245 bbls of Lightning 17 fluid.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
4-30-10	5-15-10	24	→	3.83	2.44	1.67			2-1/2" x 1-3/4" x 21' x 24' RHAC Pump

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					PRODUCING

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

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

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JUN 14 2010
DIV. OF OIL, GAS & MINING

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

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

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				GARDEN GULCH MRK	3782'
				GARDEN GULCH 1	3991'
				GARDEN GULCH 2	4107'
				POINT 3	4366'
				X MRKR	4633'
				Y MRKR	4671'
				DOUGALS CREEK MRK	4789'
				BI CARBONATE MRK	5040'
				B LIMESTON MRK	5165'
				CASTLE PEAK	5681'
				BASAL CARBONATE	6127'

32. Additional remarks (include plugging procedure):

Stage 5: Green River Formation (B2) 5136-5144', .34" 3/24 Frac w/ 24811#'s of 20/40 sand in 214 bbls of Lightning 17 fluid

Stage 6: Green River Formation (D1) 4824-4848', .34" 3/36 Frac w/ 74919#'s of 20/40 sand in 462 bbls of Lightning 17 fluid

Stage 7: Green River Formation (GB6 & PB8) 4328-4477', .34" 3/30 Frac w/ 39142#'s of 20/40 sand in 223 bbls of Lightning 17 fluid

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

☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☑ Directional Survey

☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☑ Other: Drilling Daily Activity

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

Name *(please print)* Lucy Chavez-Naupoto Title Administrative Assistant

Signature Date 06/07/2010

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

(Continued on page 3)

NEWFIELD

NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 2 9S 16E
W-2-9-16*

Wellbore #1

Survey: Survey #1

Standard Survey Report

20 April, 2010

NEWFIELD

HATHAWAYBURNHAM

Survey Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well W-2-9-16*
Project:	USGS Myton SW (UT)	**TVD Reference:**	W-2-9-16 @ 5542.0ft (EST KB)
Site:	SECTION 2 9S 16E	**MD Reference:**	W-2-9-16 @ 5542.0ft (EST KB)
Well:	W-2-9-16*	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 2003.21 Single User Db

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

Site	SECTION 2 9S 16E, SEC 2 9S 16E				
Site Position:		**Northing:**	7,193,600.00 ft	**Latitude:**	40° 3' 34.952 N
From:	Map	**Easting:**	2,036,100.00 ft	**Longitude:**	110° 5' 10.480 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	0.91 °

Well	W-2-9-16*, SHL LAT: 40 03 17.01, LONG: -110 05 03.94					
Well Position	**+N/-S**	0.0 ft	**Northing:**	7,191,792.80 ft	**Latitude:**	40° 3' 17.010 N
	+E/-W	0.0 ft	**Easting:**	2,036,637.14 ft	**Longitude:**	110° 5' 3.940 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	5,542.0 ft	**Ground Level:**	5,530.0 ft

Wellbore	Wellbore #1				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF200510	7/13/2009	11.55	65.86	52,492

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.0
Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**	
	0.0	0.0	0.0	217.39	

Survey Program **Date** 4/20/2010

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
1,040.0	6,300.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
1,040.0	0.33	108.08	1,040.0	-0.9	2.8	-1.0	0.03	0.03	0.00
1,085.0	0.37	217.08	1,085.0	-1.1	2.9	-0.9	1.27	0.09	242.22
1,130.0	0.79	212.01	1,130.0	-1.5	2.6	-0.4	0.94	0.93	-11.27
1,176.0	2.07	220.42	1,176.0	-2.4	1.9	0.7	2.81	2.78	18.28
1,221.0	2.37	231.17	1,220.9	-3.6	0.7	2.4	1.14	0.67	23.89
1,266.0	3.23	229.61	1,265.9	-5.0	-1.0	4.6	1.92	1.91	-3.47
1,312.0	3.71	231.54	1,311.8	-6.7	-3.2	7.3	1.07	1.04	4.20
1,357.0	4.55	233.72	1,356.7	-8.7	-5.7	10.4	1.90	1.87	4.84
1,402.0	5.23	229.67	1,401.5	-11.1	-8.8	14.1	1.69	1.51	-9.00
1,448.0	5.87	227.17	1,447.3	-14.0	-12.1	18.5	1.49	1.39	-5.43
1,493.0	6.44	222.69	1,492.0	-17.5	-15.5	23.3	1.66	1.27	-9.96
1,538.0	7.23	220.51	1,536.7	-21.5	-19.0	28.6	1.85	1.76	-4.84

NEWFIELD

HATHAWAYBURNHAM

Survey Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well W-2-9-16*
Project:	USGS Myton SW (UT)	**TVD Reference:**	W-2-9-16 @ 5542.0ft (EST KB)
Site:	SECTION 2 9S 16E	**MD Reference:**	W-2-9-16 @ 5542.0ft (EST KB)
Well:	W-2-9-16*	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,584.0	8.39	218.88	1,582.3	-26.3	-23.0	34.9	2.57	2.52	-3.54
1,629.0	9.16	220.42	1,626.8	-31.6	-27.4	41.7	1.79	1.71	3.42
1,674.0	9.20	220.03	1,671.2	-37.0	-32.0	48.9	0.16	0.09	-0.87
1,719.0	9.34	216.34	1,715.6	-42.7	-36.5	56.1	1.36	0.31	-8.20
1,765.0	10.13	219.28	1,760.9	-48.9	-41.3	63.9	2.03	1.72	6.39
1,810.0	10.81	219.96	1,805.2	-55.2	-46.5	72.1	1.54	1.51	1.51
1,855.0	11.05	216.95	1,849.4	-61.9	-51.8	80.6	1.38	0.53	-6.69
1,901.0	11.10	218.18	1,894.5	-68.9	-57.2	89.4	0.53	0.11	2.67
1,946.0	11.49	218.22	1,938.7	-75.8	-62.6	98.3	0.87	0.87	0.09
1,991.0	11.71	216.77	1,982.7	-83.0	-68.1	107.3	0.81	0.49	-3.22
2,037.0	12.13	217.54	2,027.7	-90.5	-73.9	116.8	0.98	0.91	1.67
2,082.0	12.22	218.44	2,071.7	-98.0	-79.7	126.3	0.47	0.20	2.00
2,127.0	12.70	218.51	2,115.7	-105.6	-85.8	136.0	1.07	1.07	0.16
2,173.0	13.25	218.03	2,160.5	-113.7	-92.2	146.3	1.22	1.20	-1.04
2,218.0	13.85	216.56	2,204.2	-122.1	-98.5	156.9	1.54	1.33	-3.27
2,263.0	14.06	215.65	2,247.9	-130.9	-104.9	167.7	0.67	0.47	-2.02
2,308.0	14.88	217.92	2,291.5	-139.9	-111.7	179.0	2.22	1.82	5.04
2,399.0	15.73	214.69	2,379.3	-159.2	-125.9	203.0	1.32	0.93	-3.55
2,490.0	16.35	212.82	2,466.7	-180.2	-139.8	228.1	0.89	0.68	-2.05
2,580.0	16.11	207.52	2,553.1	-201.9	-152.5	253.0	1.67	-0.27	-5.89
2,671.0	15.71	204.23	2,640.7	-224.3	-163.4	277.4	1.08	-0.44	-3.62
2,761.0	15.71	206.54	2,727.3	-246.3	-173.8	301.2	0.69	0.00	2.57
2,852.0	17.08	213.60	2,814.6	-268.5	-186.7	326.7	2.65	1.51	7.76
2,943.0	17.56	218.07	2,901.5	-290.4	-202.6	353.7	1.55	0.53	4.91
3,033.0	16.36	215.30	2,987.6	-311.4	-218.3	380.0	1.61	-1.33	-3.08
3,124.0	16.15	215.41	3,074.9	-332.2	-233.0	405.4	0.23	-0.23	0.12
3,214.0	15.71	216.45	3,161.5	-352.2	-247.5	430.1	0.58	-0.49	1.16
3,305.0	16.08	222.53	3,249.0	-371.4	-263.3	455.0	1.87	0.41	6.68
3,395.0	15.67	218.33	3,335.6	-390.1	-279.3	479.6	1.36	-0.46	-4.67
3,486.0	16.22	222.33	3,423.1	-409.2	-295.5	504.5	1.35	0.60	4.40
3,577.0	15.45	222.07	3,510.6	-427.6	-312.2	529.3	0.85	-0.85	-0.29
3,667.0	14.88	221.08	3,597.5	-445.2	-327.8	552.8	0.70	-0.63	-1.10
3,758.0	13.86	224.22	3,685.6	-461.8	-343.1	575.2	1.41	-1.12	3.45
3,848.0	12.85	224.93	3,773.2	-476.6	-357.7	595.9	1.14	-1.12	0.79
3,939.0	13.10	222.51	3,861.9	-491.4	-371.8	616.2	0.66	0.27	-2.66
4,030.0	13.27	218.93	3,950.5	-507.1	-385.3	636.9	0.92	0.19	-3.93
4,120.0	13.97	219.19	4,037.9	-523.6	-398.7	658.1	0.78	0.78	0.29
4,211.0	13.29	218.99	4,126.4	-540.2	-412.2	679.5	0.75	-0.75	-0.22
4,301.0	13.80	221.10	4,213.9	-556.3	-425.8	700.6	0.79	0.57	2.34
4,392.0	14.07	219.47	4,302.2	-573.1	-439.9	722.4	0.52	0.30	-1.79
4,482.0	13.38	221.02	4,389.6	-589.4	-453.7	743.8	0.87	-0.77	1.72
4,573.0	13.40	218.47	4,478.2	-605.6	-467.2	764.8	0.65	0.02	-2.80
4,663.0	12.88	221.59	4,565.8	-621.2	-480.3	785.2	0.98	-0.58	3.47
4,755.0	13.29	218.93	4,655.4	-637.1	-493.8	806.0	0.79	0.45	-2.89
4,845.0	14.17	217.92	4,742.8	-653.9	-507.0	827.4	1.01	0.98	-1.12
4,936.0	13.73	213.48	4,831.2	-671.6	-519.8	849.3	1.27	-0.48	-4.88
5,027.0	13.34	213.30	4,919.6	-689.4	-531.6	870.6	0.43	-0.43	-0.20
5,117.0	13.10	216.34	5,007.2	-706.3	-543.3	891.1	0.82	-0.27	3.38
5,208.0	12.73	218.49	5,095.9	-722.5	-555.7	911.4	0.67	-0.41	2.36
5,298.0	13.36	212.14	5,183.6	-739.0	-567.4	931.7	1.74	0.70	-7.06
5,389.0	13.56	214.95	5,272.1	-756.7	-579.1	952.8	0.75	0.22	3.09
5,480.0	14.26	211.72	5,360.5	-775.0	-591.1	974.7	1.15	0.77	-3.55
5,570.0	16.28	215.94	5,447.3	-794.6	-604.3	998.3	2.56	2.24	4.69
5,661.0	13.82	217.06	5,535.2	-813.6	-618.4	1,021.9	2.72	-2.70	1.23

NEWFIELD

HATHAWAYBURNHAM

Survey Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well W-2-9-16*
Project:	USGS Myton SW (UT)	**TVD Reference:**	W-2-9-16 @ 5542.0ft (EST KB)
Site:	SECTION 2 9S 16E	**MD Reference:**	W-2-9-16 @ 5542.0ft (EST KB)
Well:	W-2-9-16*	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,751.0	13.79	217.11	5,622.6	-830.8	-631.3	1,043.4	0.04	-0.03	0.06
5,842.0	13.91	219.87	5,710.9	-847.8	-644.9	1,065.2	0.74	0.13	3.03
5,933.0	13.93	223.61	5,799.2	-864.1	-659.4	1,087.0	0.99	0.02	4.11
6,023.0	13.97	225.83	5,886.6	-879.5	-674.7	1,108.5	0.60	0.04	2.47
6,114.0	14.93	222.90	5,974.7	-895.8	-690.5	1,131.0	1.33	1.05	-3.22
6,204.0	13.14	221.59	6,062.0	-911.9	-705.2	1,152.8	2.02	-1.99	-1.46
6,250.0	12.11	222.11	6,106.9	-919.4	-711.9	1,162.8	2.25	-2.24	1.13
6,300.0	12.11	222.11	6,155.8	-927.2	-719.0	1,173.3	0.00	0.00	0.00

Checked By: _____ Approved By: _____ Date: _____

NEWFIELD

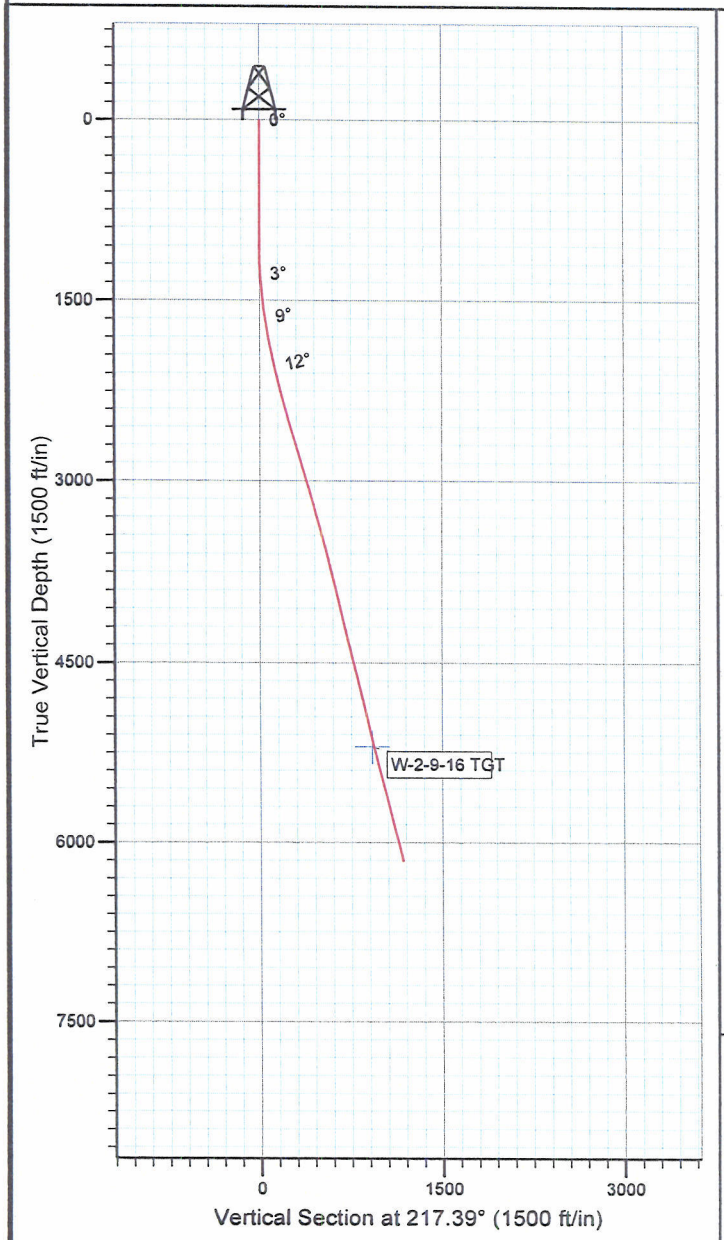
Project: USGS Myton SW (UT)
Site: SECTION 2 9S 16E
Well: W-2-9-16*
Wellbore: Wellbore #1
SURVEY: Wellbore #1

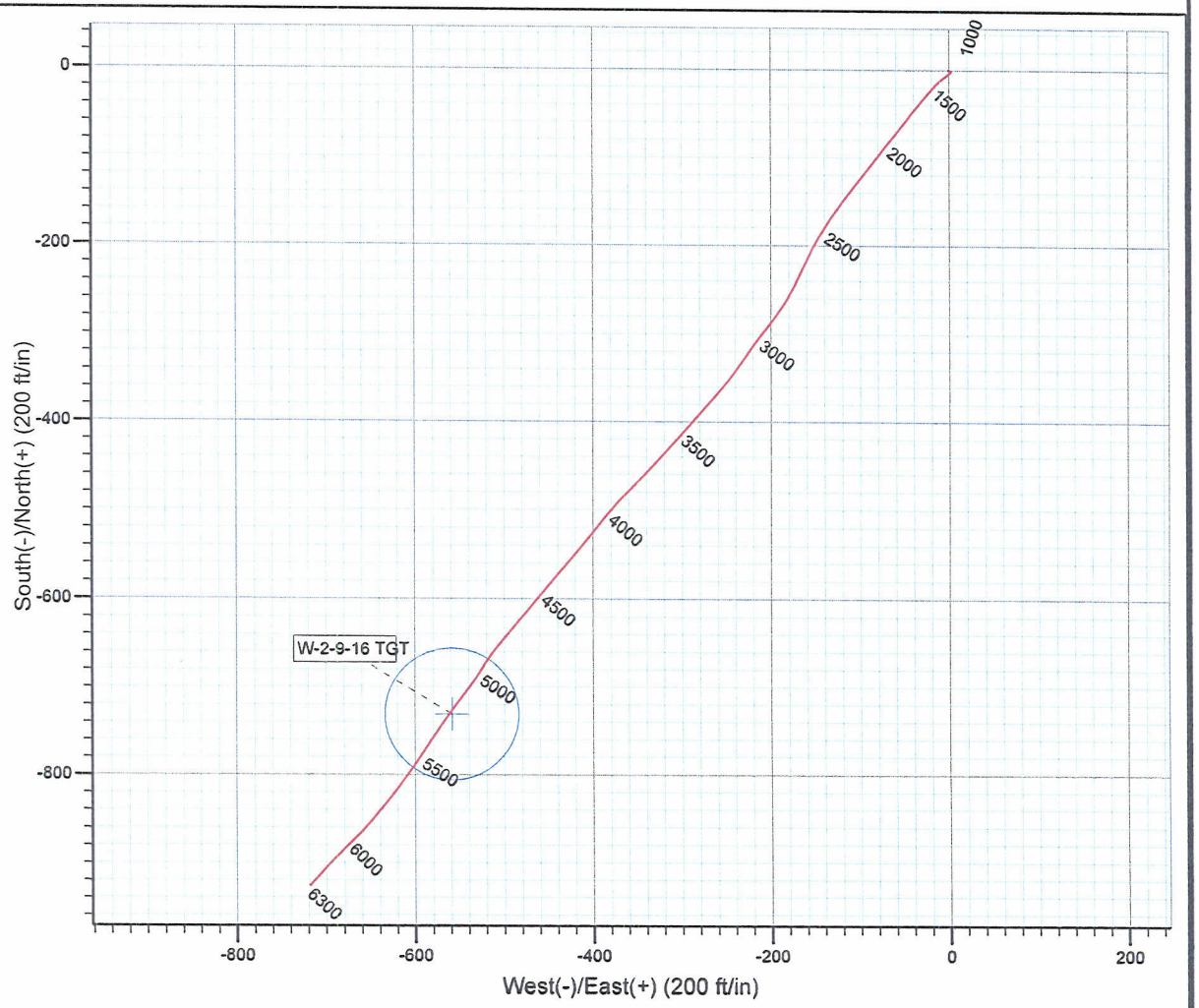
FINAL SURVEY REPORT

T M

Azimuths to True North
Magnetic North: 11.55°

Magnetic Field
Strength: 52492.1snT
Dip Angle: 65.86°
Date: 7/13/2009
Model: IGRF200510





Survey: Survey #1 (W-2-9-16*/Wellbore #1)

Created By: Jim Hudson Date: 11:36, April 20 2010

THIS SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

Daily Activity Report

Format For Sundry

SO MON BUTTE W-2-9-16

2/1/2010 To 6/30/2010

SO MON BUTTE W-2-9-16 **Waiting on Cement**

Date: 3/31/2010

Ross #26 at 1025. Days Since Spud - On 3/31/10 cemented 85/8" surface casing w/ 500 sks Mixed @ 15.8 ppg 1.17 yeild G+2%CaCl+.25#/sks - On 3/31/10 ran 85/8" casing (Guide shoe shoe jt baffle plate 22 jts) Set @ 1023.09' - Cello flake 25 bbls to pit State was notified - Ross Rig # 26 Spud the South Monumont Butte State W-2-9-16 @ 8:00 AM on 3/29/10 TD= 1025'

Daily Cost: $0

Cumulative Cost: $83,826

SO MON BUTTE W-2-9-16 **Drill 7 7/8" hole with fresh water**

Date: 4/12/2010

Capstar #328 at 2132. 1 Days Since Spud - Nipplr up bops - Rig up - Move rig with Howcroft Trucking to the South monumont Butte State W-2-9-16 on 4/11/10 - Drill 77/8" hole f/ 951 to 2132' WOB 16/18 GPM= 409 RPMS= 184 ROP= 168.7' pr hr - rams & choke to 2000#s for 10 min & Hydril to 1500#s for 10 min & 85/8" csg to 1500#s for 30 min ok - PU BHA Bit Mi 616 Smith PDC, Dog sub, Hunting MM 7/8 mil-4.8 stg 1.5 beng, NMDC, Gap sub, Ant sub, - NMDC, 25 HWDP 4.5" & Tag cement @ 951' - Accept rig @ 18:00 hrs RU B&C Quick test & test top drive uppervalve & Floor valve & Pipe rams Blind

Daily Cost: $0

Cumulative Cost: $119,520

SO MON BUTTE W-2-9-16 **Drill 7 7/8" hole with fresh water**

Date: 4/13/2010

Capstar #328 at 4714. 2 Days Since Spud - Drill 77/8" hole f/ 2132' to 3491' WOB= 20/22 GPM= 409 RPMS= 184 ROP= 143' pr hr - Rig serv - Drill 77/8" hole f/ 3491' to 4714' WOB= 20/22 GPM= 409 RPMS= 184 ROP= 87' pr hr - No H2S in the last 24 hrs

Daily Cost: $0

Cumulative Cost: $150,384

SO MON BUTTE W-2-9-16 **Lay Down Drill Pipe/BHA**

Date: 4/14/2010

Capstar #328 at 6300. 3 Days Since Spud - No Flow or H2S in last 24 hours - Pump Sweep and Circulate for Lay down to log - Drill 7 7/8" hole f/ 5439' to 6300' TD,w/ 22K WOB,TRPM-184,GPM-420,Avg ROP- 86 ft/hr - Rig Service, check crownomatic and BOP - Drill 7 7/8" hole F/ 4714' to 5439' w/ 20K WOB,TRPM-184,GPM-420,Avg Rop-76 ft/hr - Lay down drill pipe

Daily Cost: $0

Cumulative Cost: $188,833

SO MON BUTTE W-2-9-16 **Waiting on Cement**

Date: 4/15/2010

Capstar #328 at 6300. 4 Days Since Spud - Clean mud tanks - Nipple down and set slips w/ 90,000# tension - BLM and State were notified via email - dispace w/148.6 bbls, returned 15 bbls back to pit. Bump plug to 1750 Psi - pump 425 sks tail @ 14.4ppg &1.24 yield (50:50:2 +3%KCL+.5%EC-1+.25#CF+.05#SF+.3SMS+FP-6L) - release rig @ 02:00 am on 4-15-10. - Circulate casing. Circulate little gas. - transfer 4 jts 175.05' to I-11-9-17. - R/u run 144 jts

5.5" J55 15.5# LTC Shoe@6288.29,float collar@6241.44' top of short jt @ 3708.51', - R/U PSI run triple combo (density porosity,resistivity,gamma ray)from loggers TD-6276 to surface R/D - Lay down drill pipe,BHA ,directional tools - Pump 250 sks lead cmt @ 11 ppg & 3.53 yield (PLII+3%KCL+5#CSE+.5#CF+2#KCL+.5SMS+FP+SF) **Finalized**
Daily Cost: $0
Cumulative Cost: $303,517

Pertinent Files: Go to File List