

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

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL		1. WELL NAME and NUMBER GMBU U-2-9-17
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>		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-45555	11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
13. NAME OF SURFACE OWNER (if box 12 = 'fee')		12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')		14. SURFACE OWNER PHONE (if box 12 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')
18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	627 FSL 631 FEL	SESE	2	9.0 S	17.0 E	S
Top of Uppermost Producing Zone	293 FSL 284 FEL	SESE	2	9.0 S	17.0 E	S
At Total Depth	100 FSL 100 FEL	SESE	2	9.0 S	17.0 E	S

21. COUNTY UINTAH	22. DISTANCE TO NEAREST LEASE LINE (Feet) 100	23. NUMBER OF ACRES IN DRILLING UNIT 20
27. ELEVATION - GROUND LEVEL 5062	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1120	26. PROPOSED DEPTH MD: 6104 TVD: 6104
	28. BOND NUMBER B001834	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478

Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	12.25	8.625	0 - 300	24.0	J-55 ST&C	8.3	Class G	138	1.17	15.8
Prod	7.875	5.5	0 - 6104	15.5	J-55 LT&C	8.3	Premium Lite High Strength	284	3.26	11.0
							50/50 Poz	363	1.24	14.3

ATTACHMENTS

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

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Mandie Crozier	TITLE Regulatory Tech	PHONE 435 646-4825
SIGNATURE	DATE 03/17/2011	EMAIL mcrozier@newfield.com
API NUMBER ASSIGNED 43047515440000	APPROVAL  Permit Manager	

NEWFIELD PRODUCTION COMPANY
 GMBU U-2-9-17
 AT SURFACE: SE/SE SECTION 2, T9S, R17E
 UINTAH 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' – 1325'
Green River	1325'
Wasatch	5975'
Proposed TD	6104'

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

Green River Formation (Oil) 1325' – 5975'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. 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: GMBU U-2-9-17**

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	300'	24.0	J-55	STC	2,950	1,370	244,000
						17.53	14.35	33.89
Prod casing 5-1/2"	0'	6,104'	15.5	J-55	LTC	4,810	4,040	217,000
						2.48	2.08	2.29

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: GMBU U-2-9-17**

Job	Fill	Description	Sacks	OH Excess*	Weight (ppg)	Yield (ft ³ /sk)
			ft ³			
Surface casing	300'	Class G w/ 2% CaCl	138	30%	15.8	1.17
			161			
Prod casing Lead	4,104'	Prem Lite II w/ 10% gel + 3% KCl	284	30%	11.0	3.26
			924			
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363	30%	14.3	1.24
			451			

*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.

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.

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 ±350 feet will be drilled with an air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ±350 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 @ 300' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +/- . A cement bond log will be run from PBDT to cement top. No drill stem testing or coring is planned for this well.

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

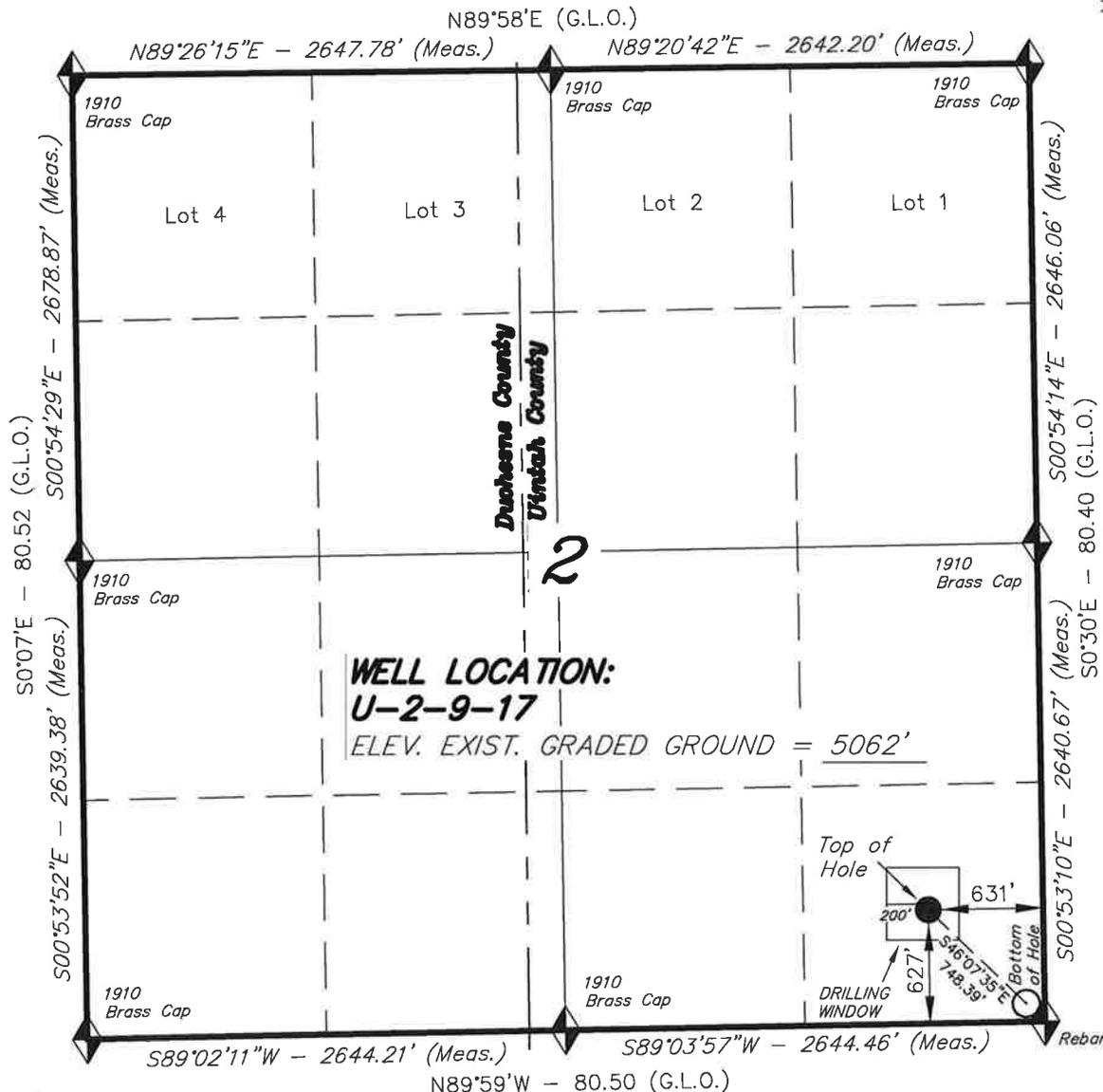
No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

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

It is anticipated that the drilling operations will commence the second quarter of 2011, and take approximately seven (7) days from spud to rig release.

T9S, R17E, S.L.B.&M.

NEWFIELD EXPLORATION COMPANY



WELL LOCATION, U-2-9-17, LOCATED AS SHOWN IN THE SE 1/4 SE 1/4 OF SECTION 2, T9S, R17E, S.L.B.&M. UINTAH COUNTY, UTAH.

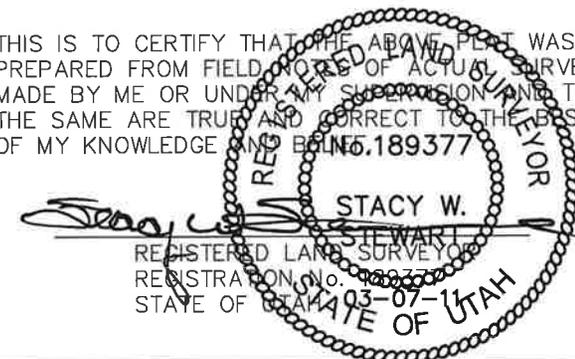
TARGET BOTTOM HOLE, U-2-9-17, LOCATED AS SHOWN IN THE SE 1/4 SE 1/4 OF SECTION 2, T9S, R17E, S.L.B.&M. UINTAH COUNTY, UTAH.



NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. The Bottom of Hole footages are 100' FSL & 100' FEL.

THIS IS TO CERTIFY THAT THE ABOVE PLOT 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.



◆ = SECTION CORNERS LOCATED

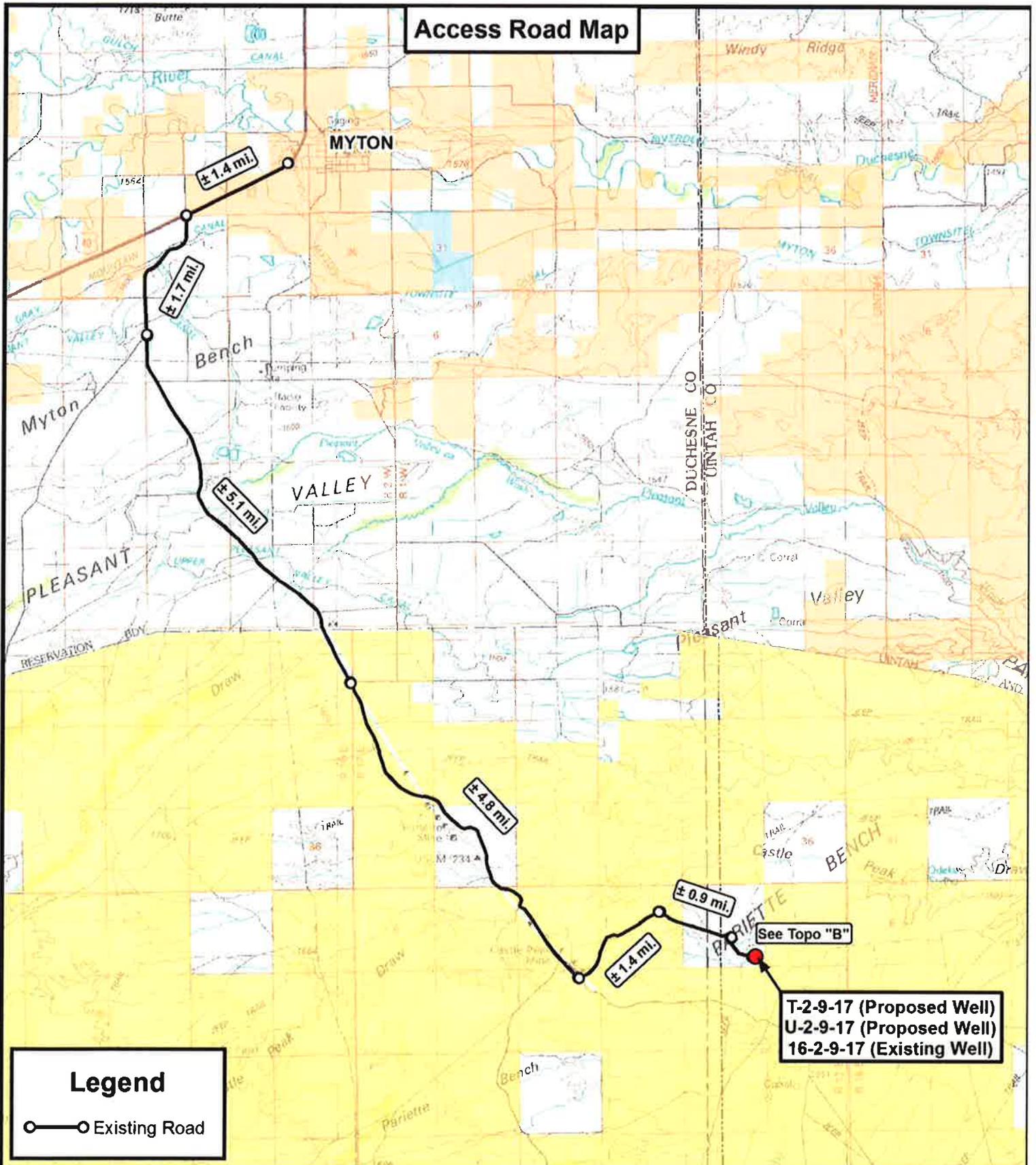
BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

U-2-9-17
(Surface Location) NAD 83
 LATITUDE = 40° 03' 15.84"
 LONGITUDE = 109° 57' 59.95"

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

DATE SURVEYED: 03-01-11	SURVEYED BY: D.G.
DATE DRAWN: 03-07-11	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

Access Road Map



Legend

○—○ Existing Road

T-2-9-17 (Proposed Well)
U-2-9-17 (Proposed Well)
16-2-9-17 (Existing Well)

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

P: (435) 781-2501
 F: (435) 781-2518

DRAWN BY:	C.H.M.
DATE:	03-07-2011
SCALE:	1:100,000



NEWFIELD EXPLORATION COMPANY

T-2-9-17 (Proposed Well)
 U-2-9-17 (Proposed Well)
 16-2-9-17 (Existing Well)

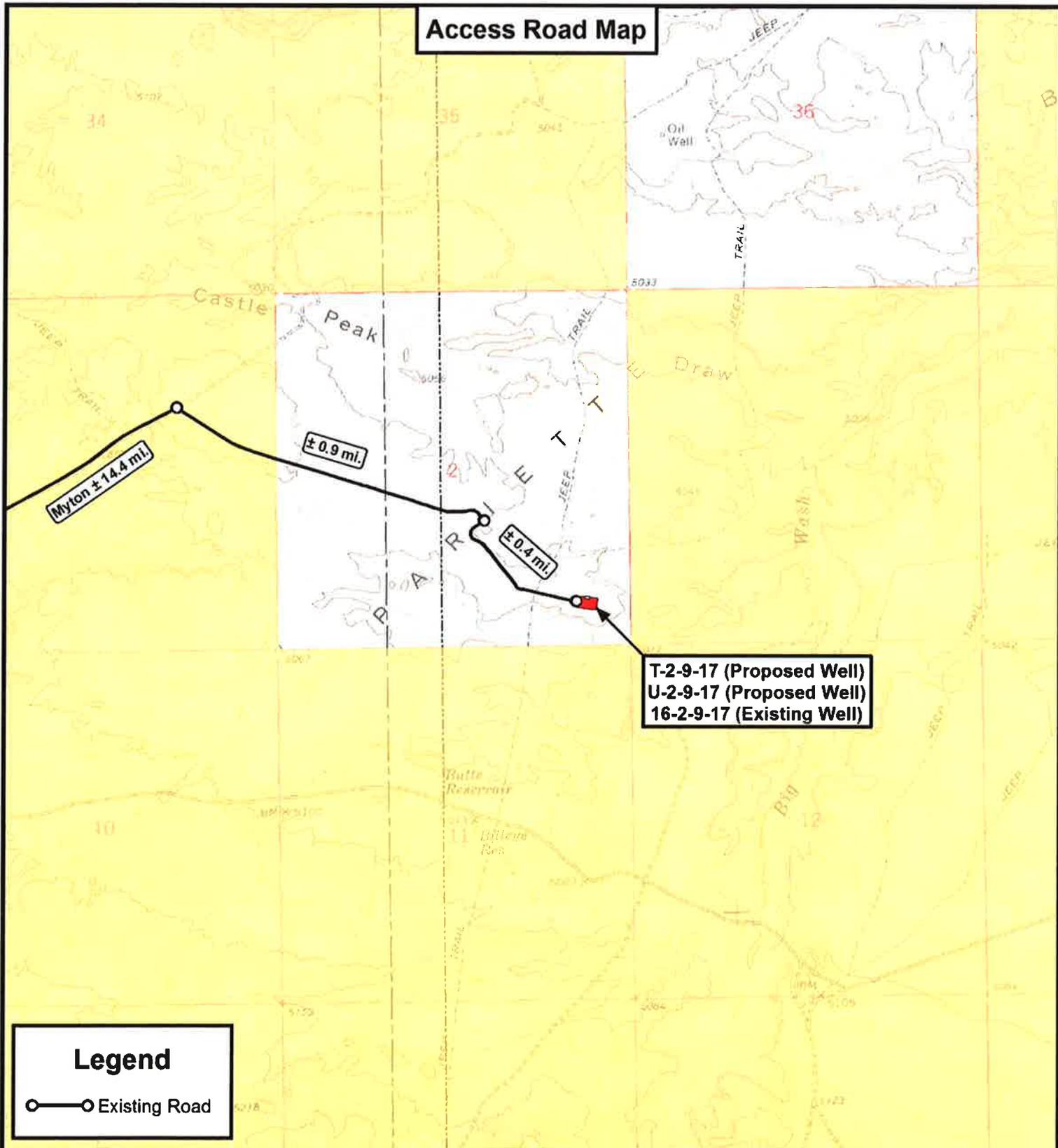
SEC. 2, T9S, R17E, S.L.B.&M. Uintah County, UT.

TOPOGRAPHIC MAP

SHEET **A**

RECEIVED: Mar. 17, 2011

Access Road Map



**T-2-9-17 (Proposed Well)
U-2-9-17 (Proposed Well)
16-2-9-17 (Existing Well)**

Legend

○—○ Existing Road

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

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NEWFIELD EXPLORATION COMPANY

T-2-9-17 (Proposed Well)
U-2-9-17 (Proposed Well)
16-2-9-17 (Existing Well)
SEC. 2, T9S, R17E, S.L.B.&M. Uintah County, UT.

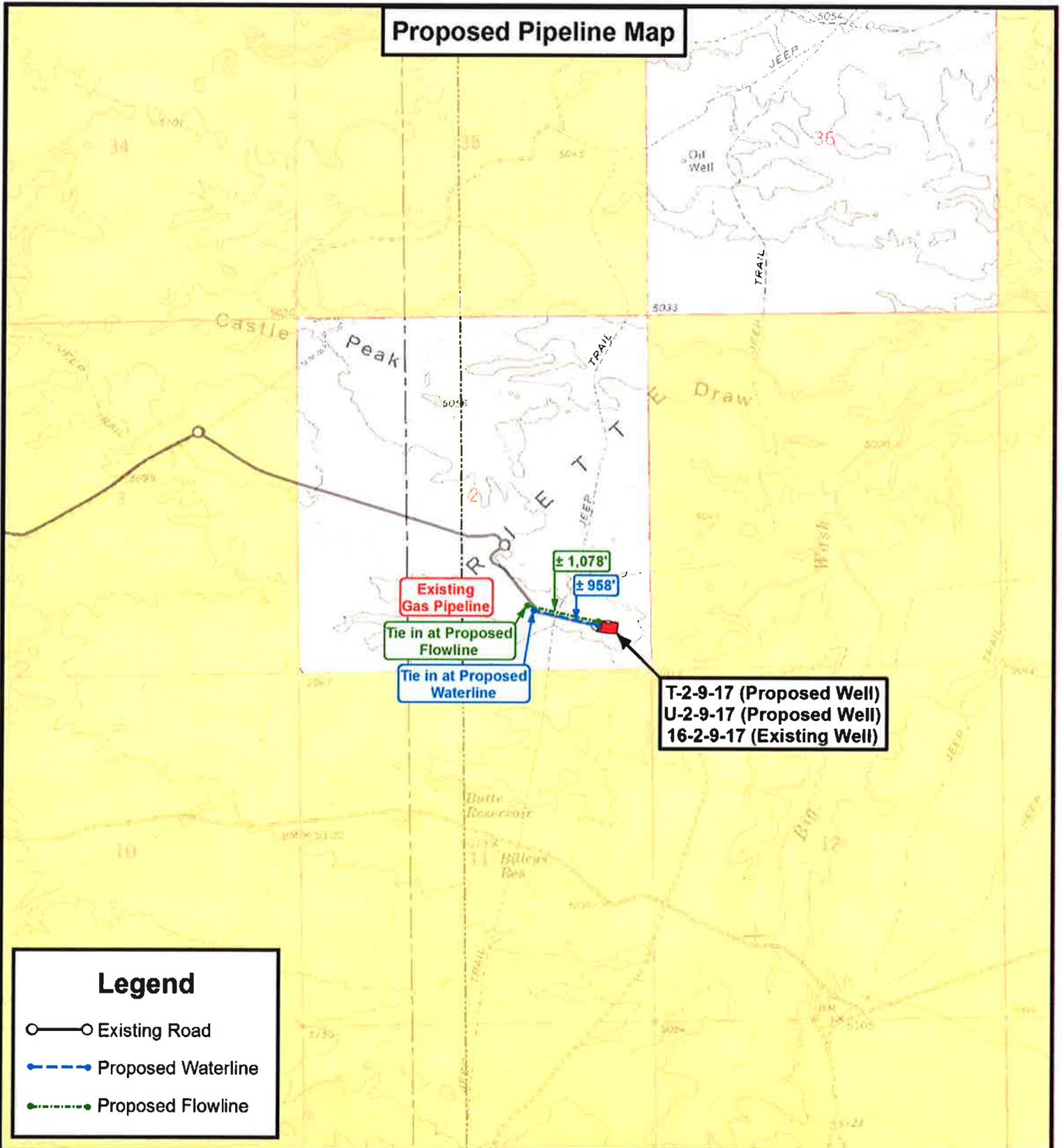
DRAWN BY:	C.H.M.
DATE:	03-07-2011
SCALE:	1" = 2,000'

TOPOGRAPHIC MAP

SHEET
B

RECEIVED: Mar. 17, 2011

Proposed Pipeline Map



T-2-9-17 (Proposed Well)
 U-2-9-17 (Proposed Well)
 16-2-9-17 (Existing Well)

Legend

- Existing Road
- Proposed Waterline
- Proposed Flowline

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078
 P: (435) 781-2501
 F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

T-2-9-17 (Proposed Well)
 U-2-9-17 (Proposed Well)
 16-2-9-17 (Existing Well)
 SEC. 2, T9S, R17E, S.L.B.&M. Uintah County, UT.

DRAWN BY:	C.H.M.
DATE:	03-07-2011
SCALE:	1" = 2,000'

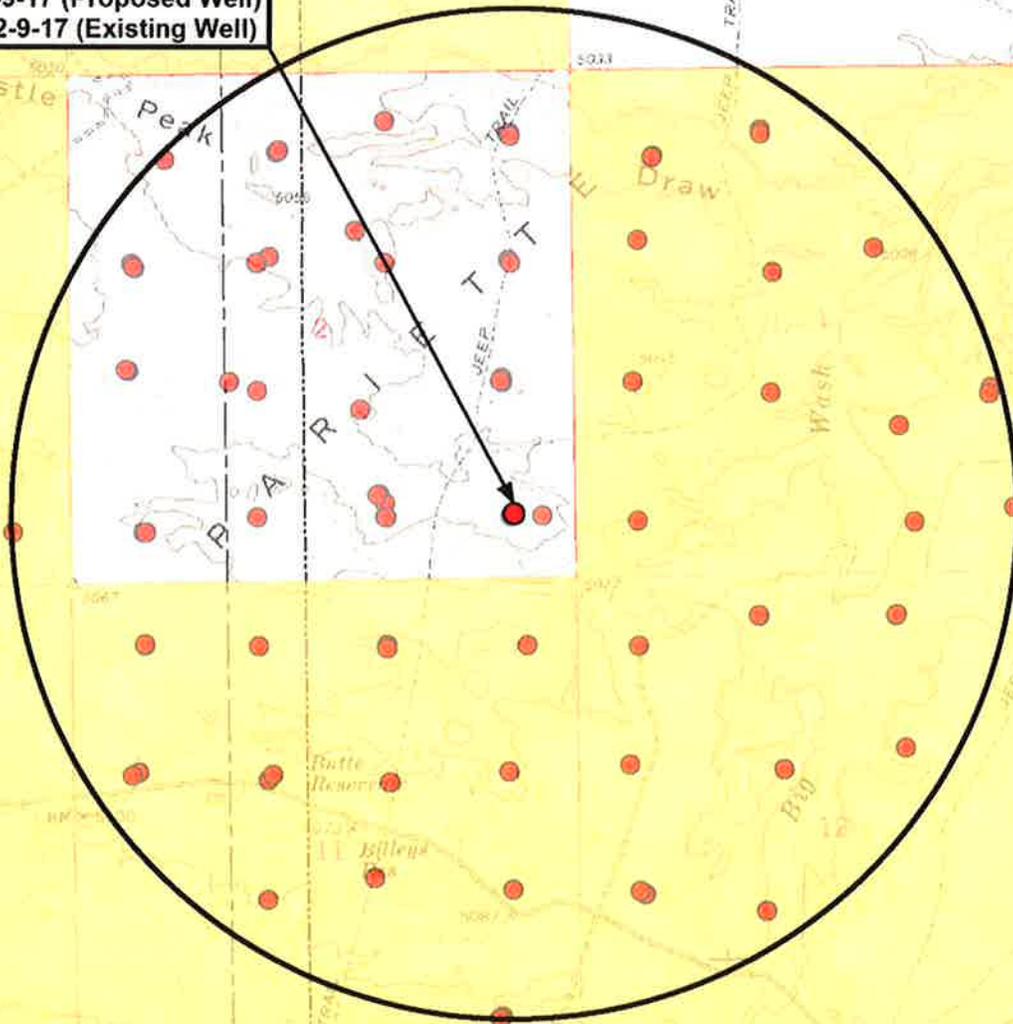
TOPOGRAPHIC MAP

SHEET
C

RECEIVED: Mar. 17, 2011

Exhibit "B" Map

T-2-9-17 (Proposed Well)
U-2-9-17 (Proposed Well)
16-2-9-17 (Existing Well)



Legend

- 1 Mile Radius
- Pad Location



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

P: (435) 781-2501
F: (435) 781-2518

DRAWN BY:	C.H.M.
DATE:	03-07-2011
SCALE:	1" = 2,000'



NEWFIELD EXPLORATION COMPANY

T-2-9-17 (Proposed Well)
U-2-9-17 (Proposed Well)
16-2-9-17 (Existing Well)
SEC. 2, T9S, R17E, S.L.B.&M. Uintah County, UT.

TOPOGRAPHIC MAP

SHEET **D**

RECEIVED: Mar. 17, 2011

NEWFIELD



NEWFIELD EXPLORATION

USGS Myton SW (UT)

SECTION 2 T9S, R17E

U-2-9-17

Wellbore #1

Plan: Design #1

Standard Planning Report

15 March, 2011





PayZone Directional Services, LLC.

Planning Report



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well U-2-9-17
Company:	NEWFIELD EXPLORATION	TVD Reference:	U-2-9-17 @ 5074.0ft (Newfield Rig)
Project:	USGS Myton SW (UT)	MD Reference:	U-2-9-17 @ 5074.0ft (Newfield Rig)
Site:	SECTION 2 T9S, R17E	North Reference:	True
Well:	U-2-9-17	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		

Site	SECTION 2 T9S, R17E, SEC 2 T9S, R17E				
Site Position:		Northing:	7,194,800.00 ft	Latitude:	40° 3' 41.746 N
From:	Lat/Long	Easting:	2,067,293.09 ft	Longitude:	109° 58' 29.067 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.98 °

Well	U-2-9-17, SHL LAT: 40 03 15.84 LONG: -109 57 59.95					
Well Position	+N/-S	-2,621.3 ft	Northing:	7,192,217.90 ft	Latitude:	40° 3' 15.840 N
	+E/-W	2,263.7 ft	Easting:	2,069,601.43 ft	Longitude:	109° 57' 59.950 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	5,074.0 ft	Ground Level:	5,062.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2011/03/15	11.31	65.83	52,318

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 (°)	
	5,000.0	0.0	0.0	133.87	

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	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,298.0	10.47	133.87	1,294.1	-44.1	45.8	1.50	1.50	0.00	133.87	
5,066.6	10.47	133.87	5,000.0	-518.7	539.5	0.00	0.00	0.00	0.00	U-2-9-17 TGT
6,103.9	10.47	133.87	6,020.0	-649.3	675.4	0.00	0.00	0.00	0.00	



PayZone Directional Services, LLC.
 Planning Report



Database: EDM 2003.21 Single User Db
Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 2 T9S, R17E
Well: U-2-9-17
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well U-2-9-17
TVD Reference: U-2-9-17 @ 5074.0ft (Newfield Rig)
MD Reference: U-2-9-17 @ 5074.0ft (Newfield Rig)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	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	1.50	133.87	700.0	-0.9	0.9	1.3	1.50	1.50	0.00
800.0	3.00	133.87	799.9	-3.6	3.8	5.2	1.50	1.50	0.00
900.0	4.50	133.87	899.7	-8.2	8.5	11.8	1.50	1.50	0.00
1,000.0	6.00	133.87	999.3	-14.5	15.1	20.9	1.50	1.50	0.00
1,100.0	7.50	133.87	1,098.6	-22.6	23.6	32.7	1.50	1.50	0.00
1,200.0	9.00	133.87	1,197.5	-32.6	33.9	47.0	1.50	1.50	0.00
1,298.0	10.47	133.87	1,294.1	-44.1	45.8	63.6	1.50	1.50	0.00
1,300.0	10.47	133.87	1,296.1	-44.3	46.1	64.0	0.00	0.00	0.00
1,400.0	10.47	133.87	1,394.4	-56.9	59.2	82.1	0.00	0.00	0.00
1,500.0	10.47	133.87	1,492.8	-69.5	72.3	100.3	0.00	0.00	0.00
1,600.0	10.47	133.87	1,591.1	-82.1	85.4	118.5	0.00	0.00	0.00
1,700.0	10.47	133.87	1,689.4	-94.7	98.5	136.6	0.00	0.00	0.00
1,800.0	10.47	133.87	1,787.8	-107.3	111.6	154.8	0.00	0.00	0.00
1,900.0	10.47	133.87	1,886.1	-119.9	124.7	173.0	0.00	0.00	0.00
2,000.0	10.47	133.87	1,984.4	-132.5	137.8	191.2	0.00	0.00	0.00
2,100.0	10.47	133.87	2,082.8	-145.1	150.9	209.3	0.00	0.00	0.00
2,200.0	10.47	133.87	2,181.1	-157.7	164.0	227.5	0.00	0.00	0.00
2,300.0	10.47	133.87	2,279.4	-170.3	177.1	245.7	0.00	0.00	0.00
2,400.0	10.47	133.87	2,377.8	-182.8	190.2	263.8	0.00	0.00	0.00
2,500.0	10.47	133.87	2,476.1	-195.4	203.3	282.0	0.00	0.00	0.00
2,600.0	10.47	133.87	2,574.4	-208.0	216.4	300.2	0.00	0.00	0.00
2,700.0	10.47	133.87	2,672.8	-220.6	229.5	318.4	0.00	0.00	0.00
2,800.0	10.47	133.87	2,771.1	-233.2	242.6	336.5	0.00	0.00	0.00
2,900.0	10.47	133.87	2,869.5	-245.8	255.7	354.7	0.00	0.00	0.00
3,000.0	10.47	133.87	2,967.8	-258.4	268.8	372.9	0.00	0.00	0.00
3,100.0	10.47	133.87	3,066.1	-271.0	281.9	391.0	0.00	0.00	0.00
3,200.0	10.47	133.87	3,164.5	-283.6	295.0	409.2	0.00	0.00	0.00
3,300.0	10.47	133.87	3,262.8	-296.2	308.1	427.4	0.00	0.00	0.00
3,400.0	10.47	133.87	3,361.1	-308.8	321.2	445.6	0.00	0.00	0.00
3,500.0	10.47	133.87	3,459.5	-321.4	334.3	463.7	0.00	0.00	0.00
3,600.0	10.47	133.87	3,557.8	-334.0	347.4	481.9	0.00	0.00	0.00
3,700.0	10.47	133.87	3,656.1	-346.6	360.5	500.1	0.00	0.00	0.00
3,800.0	10.47	133.87	3,754.5	-359.1	373.6	518.2	0.00	0.00	0.00
3,900.0	10.47	133.87	3,852.8	-371.7	386.7	536.4	0.00	0.00	0.00
4,000.0	10.47	133.87	3,951.1	-384.3	399.8	554.6	0.00	0.00	0.00
4,100.0	10.47	133.87	4,049.5	-396.9	412.9	572.7	0.00	0.00	0.00
4,200.0	10.47	133.87	4,147.8	-409.5	426.0	590.9	0.00	0.00	0.00
4,300.0	10.47	133.87	4,246.1	-422.1	439.1	609.1	0.00	0.00	0.00
4,400.0	10.47	133.87	4,344.5	-434.7	452.2	627.3	0.00	0.00	0.00
4,500.0	10.47	133.87	4,442.8	-447.3	465.3	645.4	0.00	0.00	0.00
4,600.0	10.47	133.87	4,541.2	-459.9	478.4	663.6	0.00	0.00	0.00
4,700.0	10.47	133.87	4,639.5	-472.5	491.5	681.8	0.00	0.00	0.00
4,800.0	10.47	133.87	4,737.8	-485.1	504.6	699.9	0.00	0.00	0.00
4,900.0	10.47	133.87	4,836.2	-497.7	517.7	718.1	0.00	0.00	0.00
5,000.0	10.47	133.87	4,934.5	-510.3	530.8	736.3	0.00	0.00	0.00
5,066.6	10.47	133.87	5,000.0	-518.7	539.5	748.4	0.00	0.00	0.00

U-2-9-17 TGT



PayZone Directional Services, LLC.
Planning Report



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well U-2-9-17
Company:	NEWFIELD EXPLORATION	TVD Reference:	U-2-9-17 @ 5074.0ft (Newfield Rig)
Project:	USGS Myton SW (UT)	MD Reference:	U-2-9-17 @ 5074.0ft (Newfield Rig)
Site:	SECTION 2 T9S, R17E	North Reference:	True
Well:	U-2-9-17	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)
5,100.0	10.47	133.87	5,032.8	-522.9	543.9	754.5	0.00	0.00	0.00
5,200.0	10.47	133.87	5,131.2	-535.4	557.0	772.6	0.00	0.00	0.00
5,300.0	10.47	133.87	5,229.5	-548.0	570.1	790.8	0.00	0.00	0.00
5,400.0	10.47	133.87	5,327.8	-560.6	583.2	809.0	0.00	0.00	0.00
5,500.0	10.47	133.87	5,426.2	-573.2	596.3	827.1	0.00	0.00	0.00
5,600.0	10.47	133.87	5,524.5	-585.8	609.4	845.3	0.00	0.00	0.00
5,700.0	10.47	133.87	5,622.8	-598.4	622.5	863.5	0.00	0.00	0.00
5,800.0	10.47	133.87	5,721.2	-611.0	635.6	881.7	0.00	0.00	0.00
5,900.0	10.47	133.87	5,819.5	-623.6	648.7	899.8	0.00	0.00	0.00
6,000.0	10.47	133.87	5,917.8	-636.2	661.8	918.0	0.00	0.00	0.00
6,103.9	10.47	133.87	6,020.0	-649.3	675.4	936.9	0.00	0.00	0.00



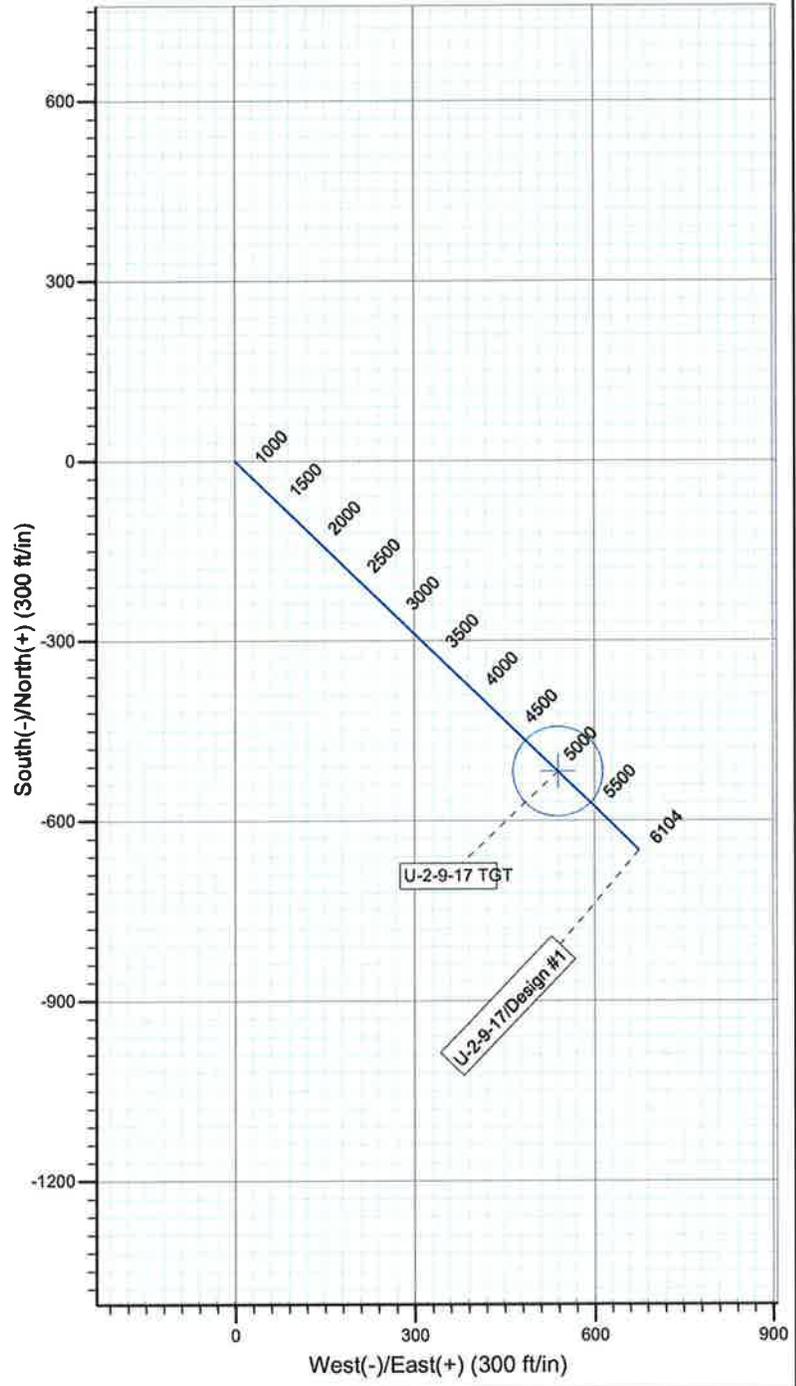
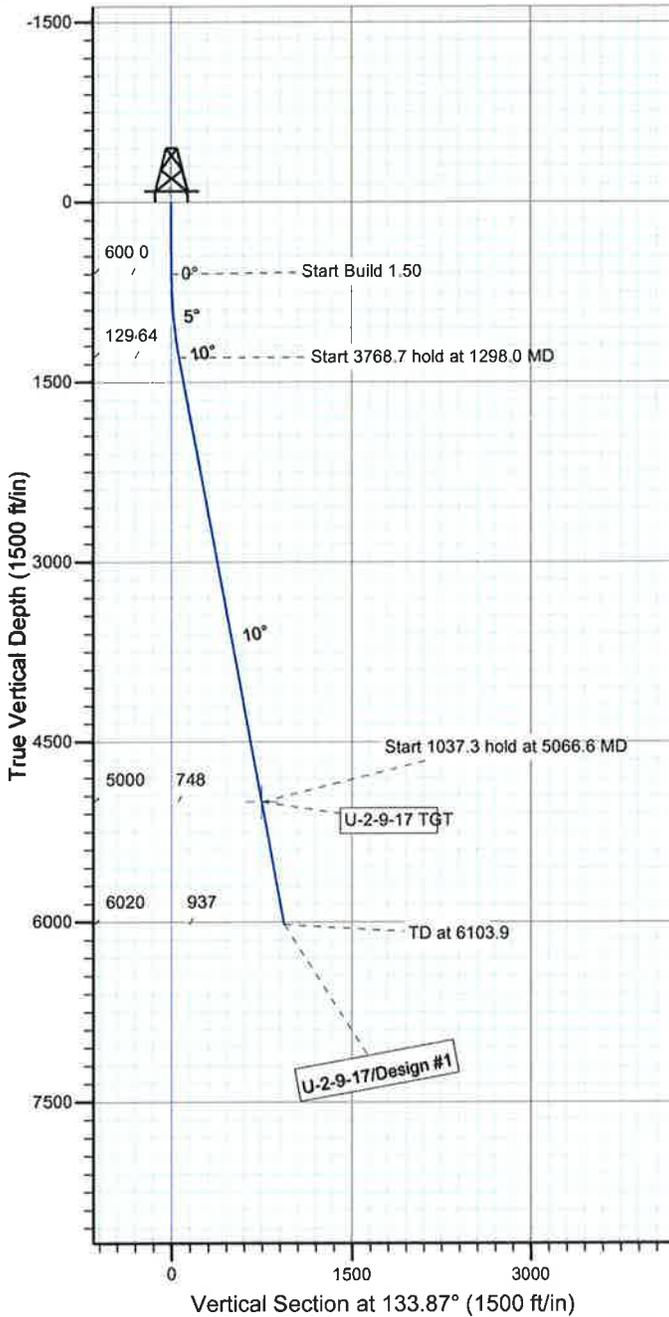
Project: USGS Myton SW (UT)
 Site: SECTION 2 T9S, R17E
 Well: U-2-9-17
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.31°

Magnetic Field
 Strength: 52317.6snT
 Dip Angle: 65.83°
 Date: 2011/03/15
 Model: IGRF2010

KOP @ 600'
 DOGLEG RATE 1.5 DEG/100
 TARGET RADIUS IS 75'



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
U-2-9-17 TGT	5000.0	-518.7	539.5	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	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1298.0	10.47	133.87	1294.1	-44.1	45.8	1.50	133.87	63.6	
4	5066.6	10.47	133.87	5000.0	-518.7	539.5	0.00	0.00	748.4	U-2-9-17 TGT
5	6103.9	10.47	133.87	6020.0	-649.3	675.4	0.00	0.00	936.9	



NEWFIELD PRODUCTION COMPANY
GMBU U-2-9-17
AT SURFACE: SE/SE SECTION 2, T9S, R17E
UINTAH COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site GMBU U-2-9-17 located in the SE 1/4 SE 1/4 Section 2, T9S, R17E, Uintah County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly - 11.6 miles \pm to it's junction with an existing road to the northeast; proceed northeasterly - 1.4 miles \pm to it's junction with an existing road to the southeast; proceed southeasterly - 1.3 miles \pm to the access road to the existing 16-2-9-17 well pad.

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. Any necessary fill material for repair will be purchase and hauled from private sources.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing 16-2-9-17 well pad. See attached **Topographic Map "B"**.

There will be **no** culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

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 a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

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

Newfield Production will transport water by truck from nearest water source as determined by a Newfield representative for the purpose of drilling the above mentioned well. The available water sources are as follows:

Johnson Water District
Water Right : 43-10136

Maurice Harvey Pond
Water Right: 47-1358

Neil Moon Pond
Water Right: 43-11787

Newfield Collector Well
Water Right: 47-1817 (A30414DVA, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not 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.

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.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM specifications.

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.

11. OTHER ADDITIONAL INFORMATION :

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #08-088, 4/28/08. Paleontological Resource Survey prepared by, SWCA, 6/18/08. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 958' of buried water line to be granted. It is proposed that the disturbed area will be 30' wide to allow for construction of the proposed buried 10" steel water injection line and a buried 3" poly water return line. The proposed buried water lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** The proposed water pipelines will be buried in a 4-5' deep trench constructed with a trencher or backhoe for the length of the proposal. The equipment will run on the surface and not be flat bladed to minimize surface impacts to precious topsoil in these High Desert environments. If possible, all proposed surface gas pipelines will be installed on the same side of the road as existing gas lines. The construction phase of the proposed water lines will last approximately (5) days.

In the event that the proposed well is converted to a water injection well, a Sundry Notice form will be applied for through the State of Utah DOGM office.

Surface Flow Line

Newfield requests 1,078' of surface flow line be granted. The Surface Flow Line will consist of up to a 14" bundled pipe consisting of 2-2" poly glycol lines and 1-3" production line. For all new wells, Newfield. **Refer to Topographic Map "C"** for the proposed location of the proposed flow line. Flow lines will be tan and will be constructed using the following procedures:

Clearing and Grading: No clearing or grading of the ROW will be required. The centerline of the proposed route will be staked prior to installation. Flow lines shall be placed as close to existing roads as possible without interfering with normal road travel or road maintenance activities. Due to the proximity of existing facilities, no temporary use or construction/storage areas are anticipated. If necessary, temporary use or construction/storage areas will be identified on a topographic map included in the approved permit.

Installation: The proposed flow lines will be installed 4-6" above the ground. For portions along existing two-track and primary access roads, lengths of pipe will be strung out in the borrow ditch, welded together, and rolled or dragged into place with heavy equipment. For pipelines that are installed cross-country (not along existing or proposed roads), travel along the lines will be infrequent and for maintenance needs only. No installation activities will be performed during periods when the soil is too wet to adequately support installation equipment. If such equipment creates ruts in excess of three (3) inches deep, the soil will be deemed too wet to adequately support the equipment.

- 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.

Water Disposal

After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw 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, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal 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 GMBU U-2-9-17, 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 GMBU U-2-9-17, 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.

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

Representative

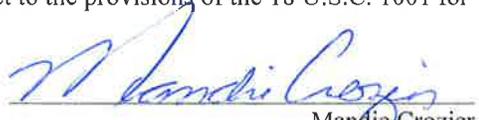
Name: Tim Eaton
Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #U-2-9-17, Section 2, Township 9S, Range 17E: Lease ML-45555 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #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.

Date 3/17/11


Mandie Crozier
Regulatory Specialist
Newfield Production Company

2-M SYSTEM

Blowout Prevention Equipment Systems

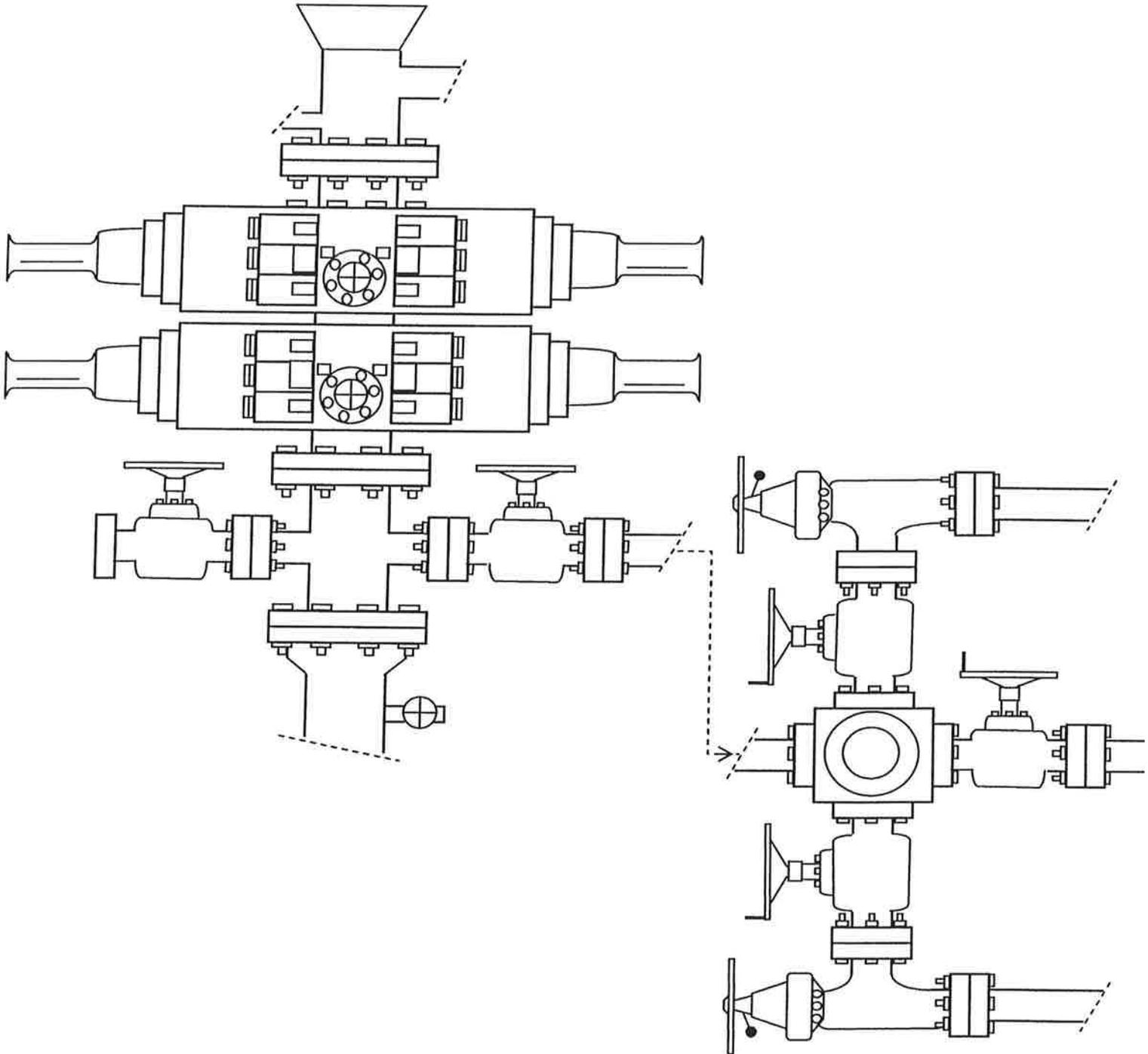


EXHIBIT C

NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

T-2-9-17 (Proposed Well)

U-2-9-17 (Proposed Well)

16-2-9-17 (Existing Well)

Pad Location: SESE Section 2, T9S, R17E, S.L.B.&M.

TOP HOLE FOOTAGES

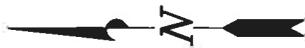
T-2-9-17 (PROPOSED)
644' FSL & 644' FEL

U-2-9-17 (PROPOSED)
627' FSL & 631' FEL

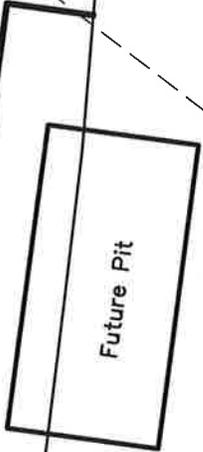
BOTTOM HOLE FOOTAGES

T-2-9-17 (PROPOSED)
1340' FSL & 100' FEL

U-2-9-17 (PROPOSED)
100' FSL & 100' FEL



Existing Access



16-2-9-17 (EXISTING)

T-2-9-17 (PROPOSED)

U-2-9-17 (PROPOSED)

S82°25'34"E

Edge of Existing Pad

N37°07'39"E 883.39'
(To Bottom Hole)

S46°07'35"E 748.39'
(To Bottom Hole)

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)		
WELL	LATITUDE	LONGITUDE
T-2-9-17	40° 03' 16.01"	109° 58' 00.11"
U-2-9-17	40° 03' 15.84"	109° 57' 59.95"
16-2-9-17	40° 03' 16.18"	109° 58' 00.28"

Note:
Bearings are based on GPS Observations.

RELATIVE COORDINATES From Top Hole to Bottom Hole

WELL	NORTH	EAST
T-2-9-17	704'	533'
U-2-9-17	-519'	539'

SURVEYED BY: D.G.	DATE SURVEYED: 03-01-11
DRAWN BY: F.T.M.	DATE DRAWN: 03-07-11
SCALE: 1" = 50'	REVISED:

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

NEWFIELD EXPLORATION COMPANY

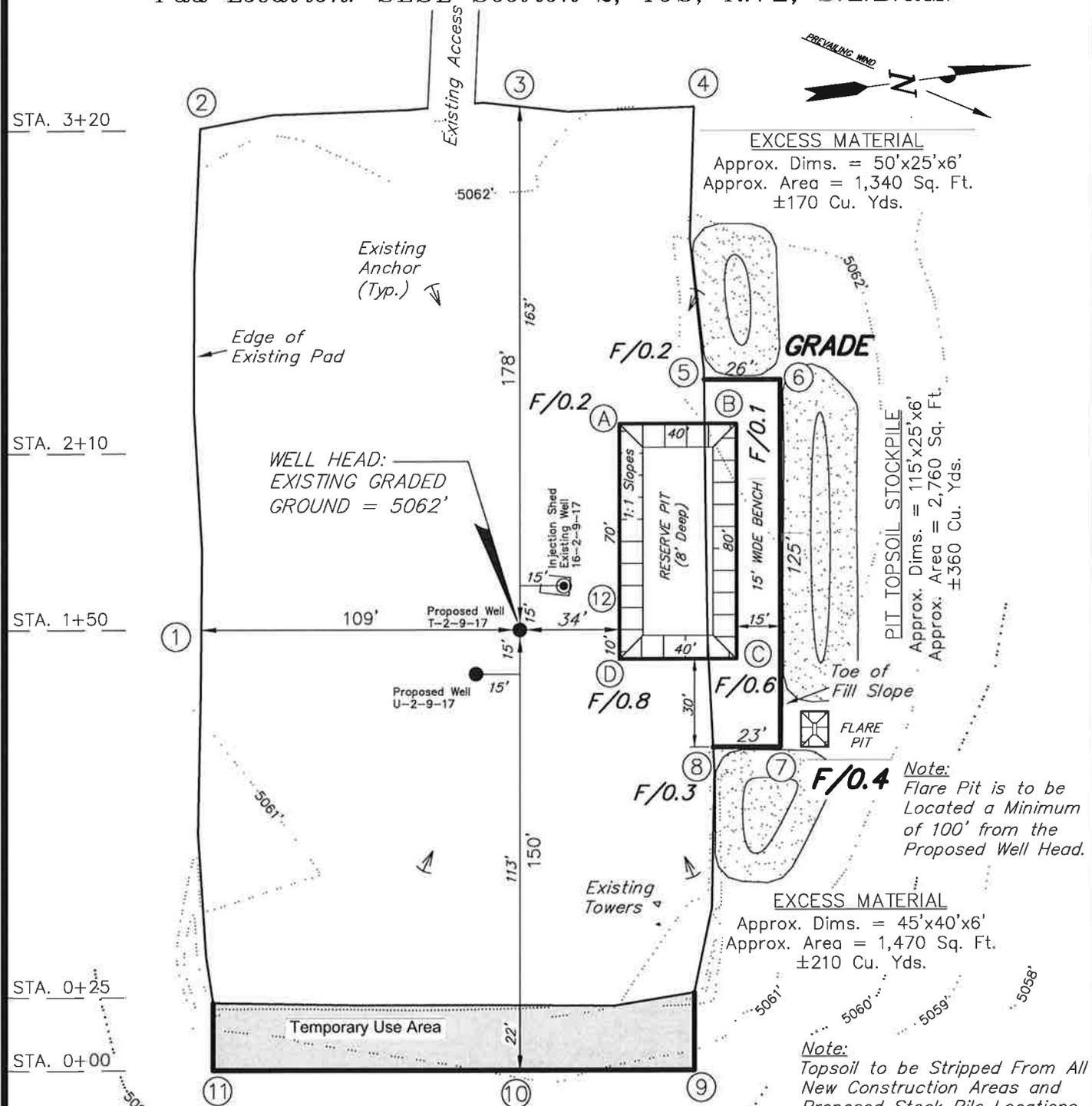
LOCATION LAYOUT

T-2-9-17 (Proposed Well)

U-2-9-17 (Proposed Well)

16-2-9-17 (Existing Well)

Pad Location: SESE Section 2, T9S, R17E, S.L.B.&M.



NOTE:
The topsoil, excess material & temporary cuttings areas are calculated as being mounds containing 740 cubic yards of dirt (a 10% fluff factor is included). The mound areas are calculated with push slopes of 1.5:1 & fall slopes of 1.5:1.

Note:
Topsoil to be Stripped From All New Construction Areas and Proposed Stock Pile Locations

Note:
Proposed Temporary Use Area, No Earthwork Adjustments required (0.09 Acres)

SURVEYED BY: D.G.	DATE SURVEYED: 03-01-11
DRAWN BY: F.T.M.	DATE DRAWN: 03-07-11
SCALE: 1" = 50'	REVISED:

(435) 781-2501

Tri State
Land Surveying, Inc.

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD EXPLORATION COMPANY

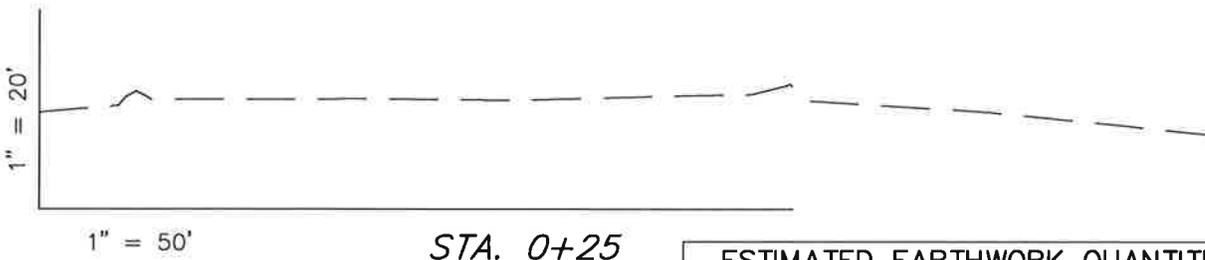
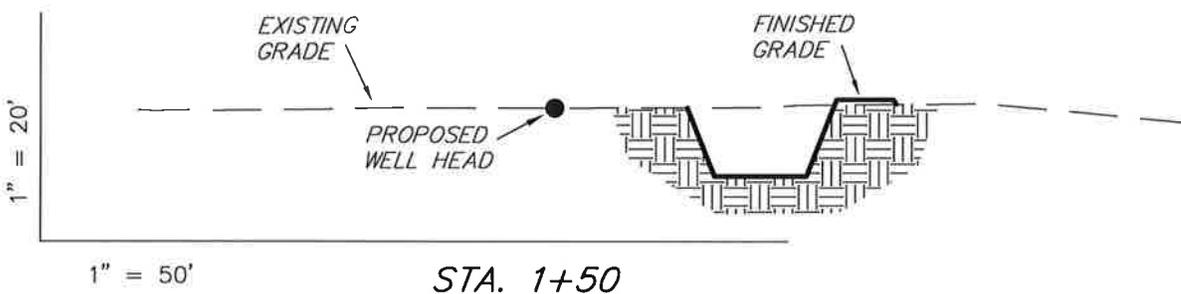
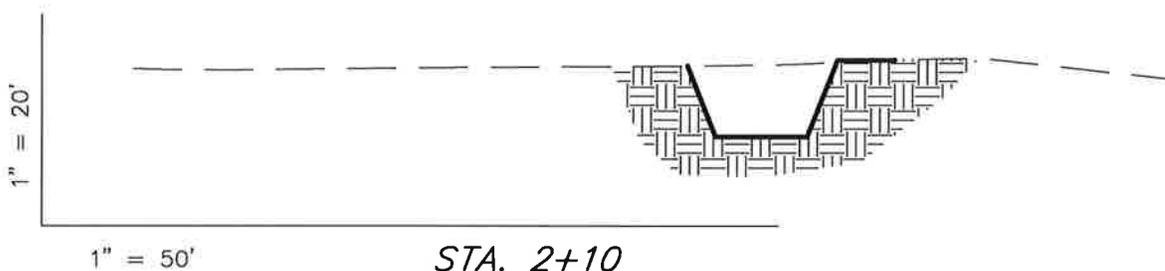
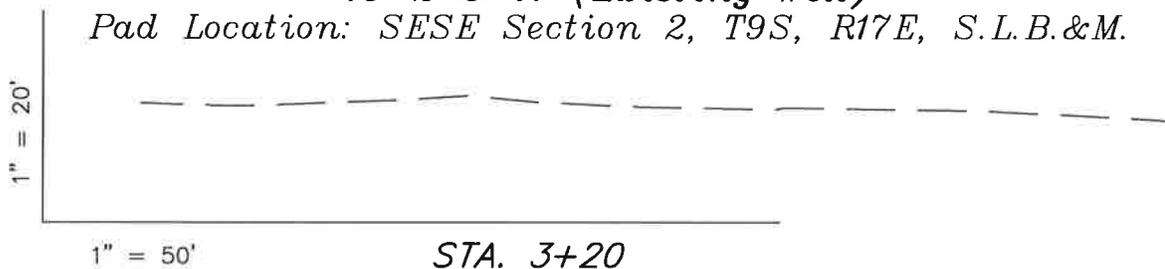
CROSS SECTIONS

T-2-9-17 (Proposed Well)

U-2-9-17 (Proposed Well)

16-2-9-17 (Existing Well)

Pad Location: SESE Section 2, T9S, R17E, S.L.B.&M.



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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	0	110	Topsoil is not included in Pad Cut	-110
PIT	450	0		450
TOTALS	450	110	360	340

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

SURVEYED BY: D.G.	DATE SURVEYED: 03-01-11
DRAWN BY: F.T.M.	DATE DRAWN: 03-07-11
SCALE: 1" = 50'	REVISED:

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

NEWFIELD EXPLORATION COMPANY

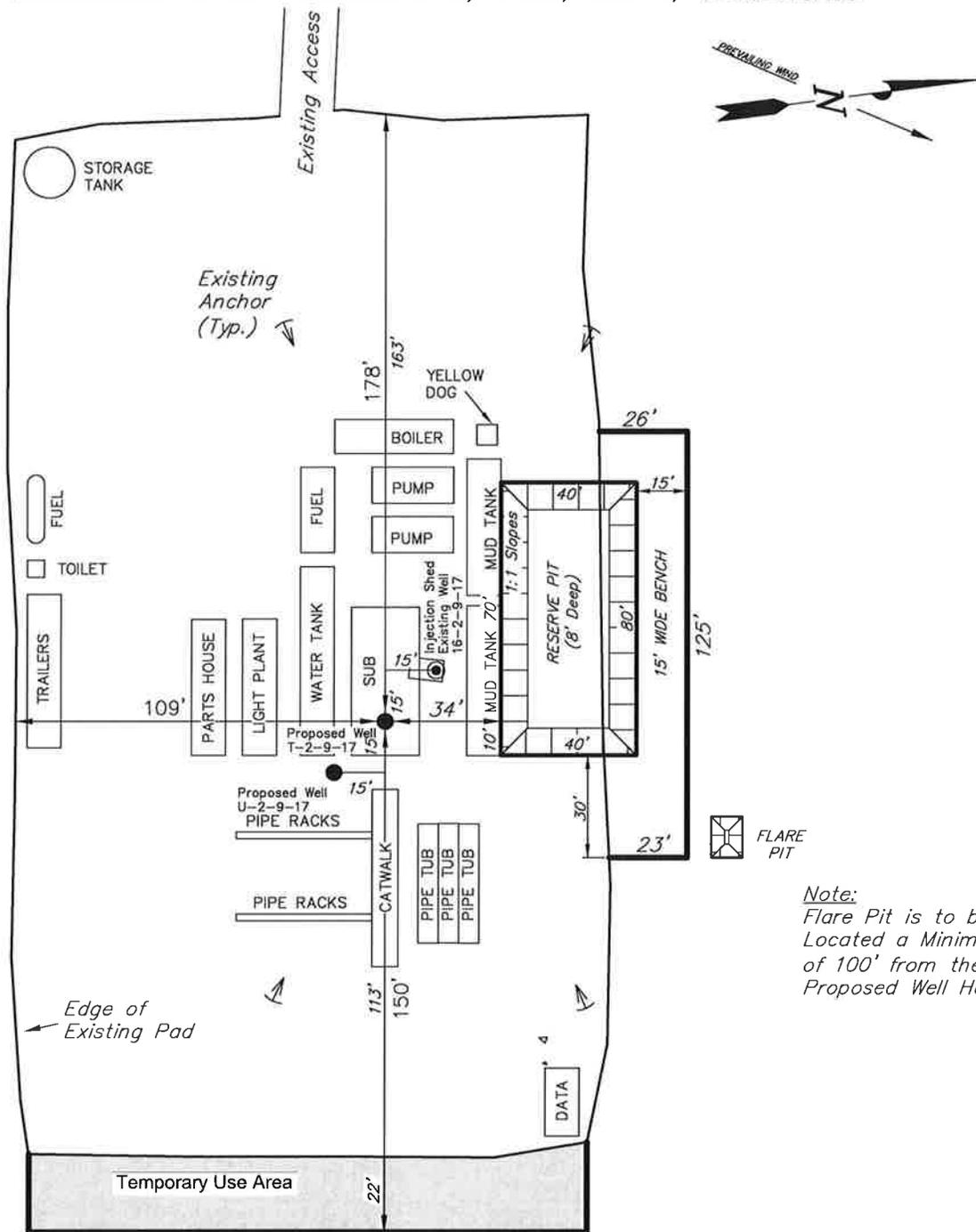
TYPICAL RIG LAYOUT

T-2-9-17 (Proposed Well)

U-2-9-17 (Proposed Well)

16-2-9-17 (Existing Well)

Pad Location: SESE Section 2, T9S, R17E, S.L.B.&M.



Note:
Flare Pit is to be Located a Minimum of 100' from the Proposed Well Head.

SURVEYED BY: D.G.	DATE SURVEYED: 03-01-11
DRAWN BY: F.T.M.	DATE DRAWN: 03-07-11
SCALE: 1" = 50'	REVISED:

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

RECEIVED: Mar. 17, 2011

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:**3160****(UT-922)**

March 22, 2011

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2011 Plan of Development Greater Monument
Butte Unit, Duchesne and Uintah Counties,
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 2011 within the Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-013-50648	GMBU U-32-8-16	Sec 32 T08S R16E 0563 FSL 0537 FEL
		BHL Sec 32 T08S R16E 0100 FSL 0100 FEL
43-013-50649	GMBU I-32-8-17	Sec 32 T08S R17E 0485 FNL 0656 FEL
		BHL Sec 32 T08S R17E 1648 FNL 1589 FEL
43-013-50650	GMBU S-32-8-17	Sec 32 T08S R17E 2293 FSL 2169 FEL
		BHL Sec 32 T08S R17E 1054 FSL 1120 FEL
43-047-51540	GMBU N-36-8-17	Sec 36 T08S R17E 1915 FNL 0731 FWL
		BHL Sec 36 T08S R17E 2461 FSL 1558 FWL
43-047-51541	GMBU R-36-8-17	Sec 36 T08S R17E 0731 FSL 1972 FEL
		BHL Sec 36 T08S R17E 1486 FSL 2364 FWL
43-013-50651	GMBU K-2-9-15	Sec 02 T09S R15E 1976 FNL 0644 FEL
		BHL Sec 02 T09S R15E 2625 FSL 0100 FEL
43-013-50652	GMBU W-2-9-15	Sec 02 T09S R15E 0546 FSL 2035 FWL
		BHL Sec 02 T09S R15E 0100 FSL 2625 FEL
43-047-51542	GMBU K-2-9-17	Sec 02 T09S R17E 2039 FSL 0766 FEL
		BHL Sec 02 T09S R17E 2630 FSL 0100 FEL

API #	WELL NAME	LOCATION
9Proposed PZ GREEN RIVER)		
43-047-51543	GMBU T-2-9-17	Sec 02 T09S R17E 0644 FSL 0644 FEL BHL Sec 02 T09S R17E 1340 FSL 0100 FEL
43-047-51544	GMBU U-2-9-17	Sec 02 T09S R17E 0627 FSL 0631 FEL BHL Sec 02 T09S R17E 0100 FSL 0100 FEL
43-013-50653	GMBU V-32-8-16	Sec 32 T08S R16E 0584 FSL 0539 FEL BHL Sec 32 T08S R16E 0100 FSL 1290 FEL
43-013-50654	GMBU O-2-9-17	Sec 02 T09S R17E 2026 FNL 0682 FWL BHL Sec 02 T09S R17E 2630 FSL 0100 FWL

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

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management, ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2011.03.22 12:09:21 -0600

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

MCoulthard:mc:3-22-11



VIA ELECTRONIC DELIVERY

March 28, 2011

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
GMBU U-2-9-17
Greater Monument Butte (Green River) Unit

Surface Hole: T9S-R17E Section 2: SESE (ML-45555)
627' FSL 631' FEL

At Target: T9S-R17E Section 2: SESE (ML-45555)
100' FSL 100' FEL

Uintah 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 3/17/11, 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-existing 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

A handwritten signature in blue ink, appearing to read "Shane Gillespie". The signature is stylized and cursive.

Shane Gillespie
Land Associate

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

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL			5 MINERAL LEASE NO: ML-45555	6 SURFACE State
1A TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>			7 IF INDIAN, ALLOTTEE OR TRIBE NAME NA	
B TYPE OF WELL: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			8 UNIT or CA AGREEMENT NAME: Greater Monument Butte	
2 NAME OF OPERATOR Newfield Production Company			9 WELL NAME and NUMBER GMBU U-2-9-17	
3 ADDRESS OF OPERATOR Route #3 Box 3630 Myton UT 84052			PHONE NUMBER (435) 646-3721	10 FIELD AND POOL, OR WLDLOCAT Monument Butte
4 LOCATION OF WELL, (FOOTAGES) AT SURFACE SE/SE 627' FSL 631' FEL Sec. 2 T9S R17E AT PROPOSED PRODUCING ZONE: SE/SE 100' FSL 100' FEL Sec. 2 T9S R17E			11 QTR/QTR, SECTION, TOWNSHIP, RANGE MERIDIAN SESE 2 9S 17E	
14 DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE Approximately 15.7 miles southeast of Myton, Utah			12 COUNTY Uintah	13 STATE UTAH
15 DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) Approx. 100' f/lse line, NA' f/unit line	16 NUMBER OF ACRES IN LEASE 640.20 acres	17 NUMBER OF ACRES ASSIGNED TO THIS WELL 20 acres		
18 DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) Approx. 1120'	19 PROPOSED DEPTH 6,104	20 BOND DESCRIPTION: #B001834		
21 ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.) 5062' GL	22 APPROXIMATE DATE WORK WILL START <i>2nd Qtr 2011</i>	23 ESTIMATED DURATION: (15) days from SPUD to rig release		

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
12 1/4	8 5/8 J-55 24.0	300	Class G w/2% CaCl	155 sx +/-	1.17 15.8
7 7/8	5 1/2 J-55 15.5	6,104	Lead(Prem Lite II)	275 sx +/-	3.26 11.0
			Tail (50/50 Poz)	450 sx +/-	1.24 14.3

ATTACHMENTS

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

- | | |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN |
| <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

NAME (PLEASE PRINT) Mandie Crozier TITLE Regulatory Specialist
SIGNATURE *Mandie Crozier* DATE 3/17/11

(This space for State use only)

API NUMBER ASSIGNED: _____

APPROVAL _____

T9S, R17E, S.L.B.&M.

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, U-2-9-17, LOCATED AS SHOWN IN THE SE 1/4 SE 1/4 OF SECTION 2, T9S, R17E, S.L.B.&M. UINTAH COUNTY, UTAH.

TARGET BOTTOM HOLE, U-2-9-17, LOCATED AS SHOWN IN THE SE 1/4 SE 1/4 OF SECTION 2, T9S, R17E, S.L.B.&M. UINTAH COUNTY, UTAH.



NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. The Bottom of Hole footages are 100' FSL & 100' FEL.

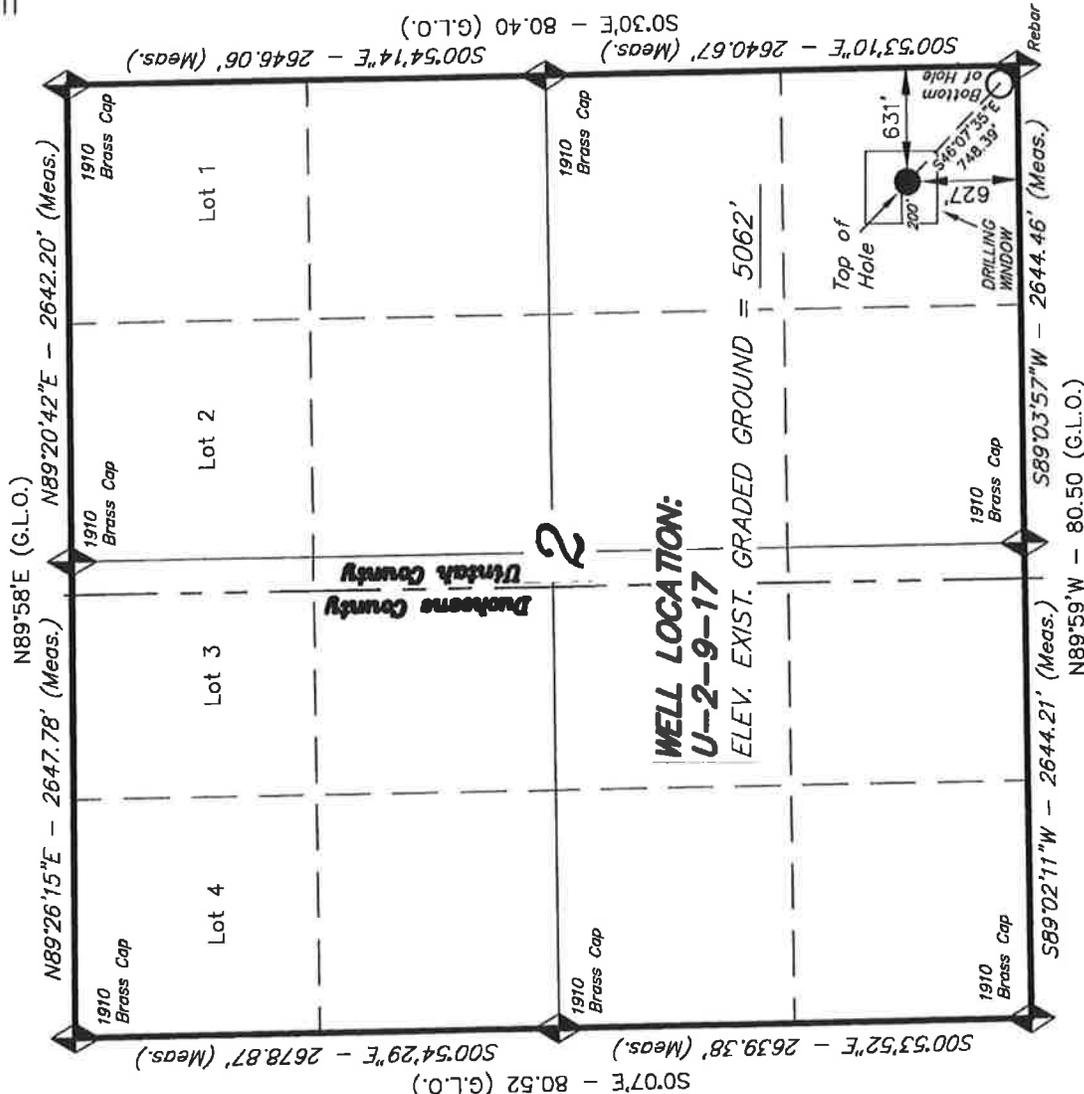
THIS IS TO CERTIFY THAT THE ABOVE REPORT WAS PREPARED FROM FIELD NOTES OF SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 03-01-11	SURVEYED BY: D.G.
DATE DRAWN: 03-07-11	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

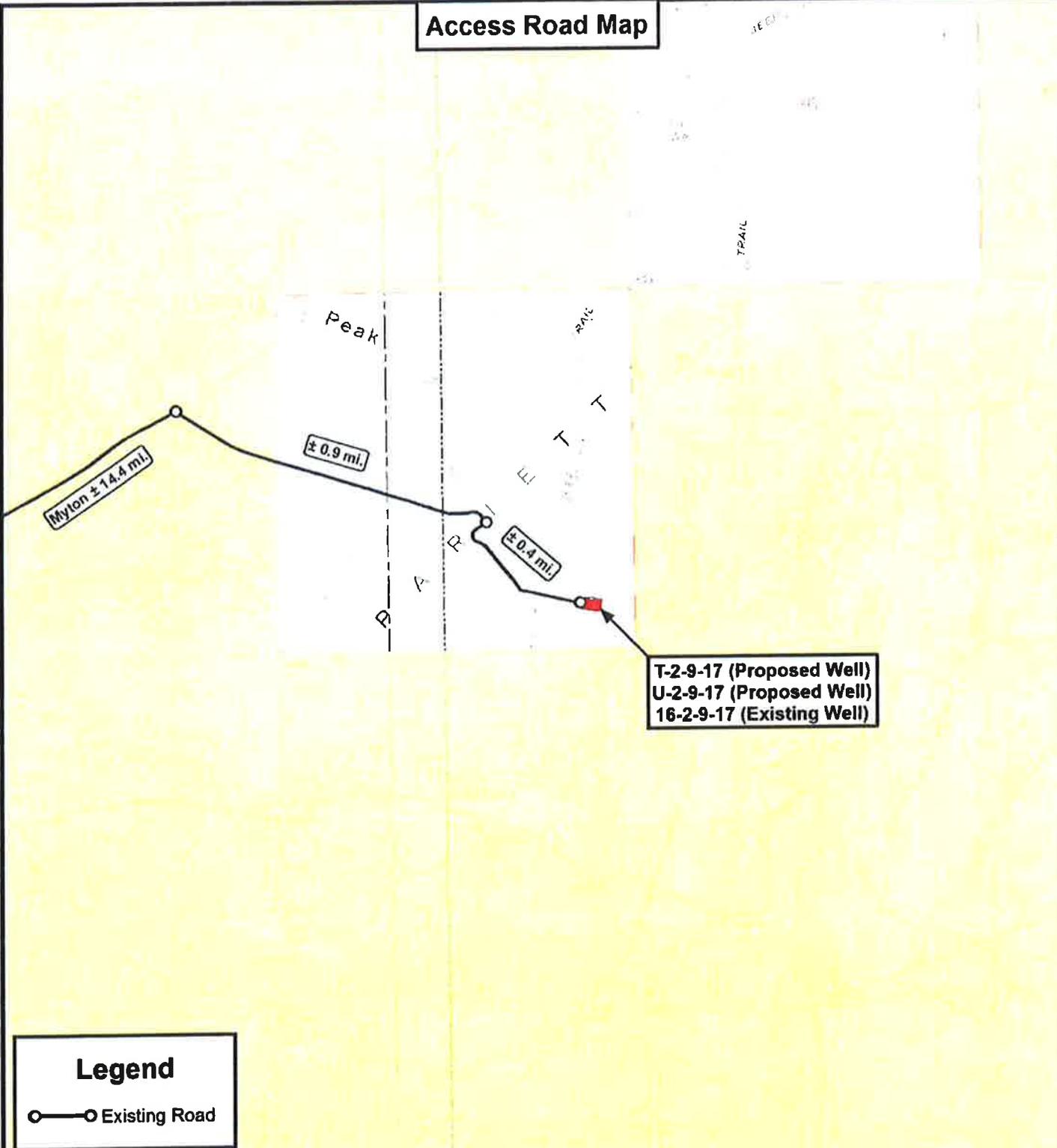


U-2-9-17
(Surface Location) NAD 83
LATITUDE = 40° 03' 15.84"
LONGITUDE = 109° 57' 59.95"

◆ = SECTION CORNERS LOCATED

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

Access Road Map



T-2-9-17 (Proposed Well)
U-2-9-17 (Proposed Well)
16-2-9-17 (Existing Well)

Legend

○—○ Existing Road

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

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

P: (435) 781-2501
 F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

T-2-9-17 (Proposed Well)
 U-2-9-17 (Proposed Well)
 16-2-9-17 (Existing Well)
 SEC. 2, T9S, R17E, S.L.B.&M. Uintah County, UT.

DRAWN BY:	C.H.M.
DATE:	03-07-2011
SCALE:	1" = 2,000'

TOPOGRAPHIC MAP

SHEET
B

From: Jim Davis
To: Bonner, Ed; Garrison, LaVonne; Hill, Brad; Mason, Diana
CC: mcrozier@newfield.com; teaton@newfield.com
Date: 4/7/2011 11:06 AM
Subject: Newfield APD approvals

The following APDs have been approved by SITLA. Please note arch and paleo notes below.

Arch and paleo clearance is granted on this group of APDs.

4301350651 GMBU K-2-9-15
4301350652 GMBU W-2-9-15
4304751543 GMBU T-2-9-17
4304751544 GMBU U-2-9-17

On existing pad, requiring no new surface disturbance. Arch and paleo not required.

4301350650 GMBU S-32-8-17
4301350654 GMBU O-2-9-17
4304751541 GMBU R-36-8-17
4304751542 GMBU K-2-9-17
4301350656 GMBU P-32-8-17
4301350657 GMBU W-32-8-17
4304751548 GMBU D-36-8-17

Thanks
-Jim

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

Well Name	NEWFIELD PRODUCTION COMPANY GMBU U-2-9-17 43047			
String	Surf	Prod		
Casing Size(")	8.625	5.500		
Setting Depth (TVD)	300	6020		
Previous Shoe Setting Depth (TVD)	0	300		
Max Mud Weight (ppg)	8.3	8.4		
BOPE Proposed (psi)	500	2000		
Casing Internal Yield (psi)	2950	4810		
Operators Max Anticipated Pressure (psi)	2607	8.3		

Calculations	Surf String	8.625	"
Max BHP (psi)	.052*Setting Depth*MW=	129	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	93	YES <input type="checkbox"/> air drill
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	63	YES <input type="checkbox"/> OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	63	NO <input type="checkbox"/> OK
Required Casing/BOPE Test Pressure=		300	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

Calculations	Prod String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	2630	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	1908	YES <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1306	YES <input type="checkbox"/> OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1372	NO <input type="checkbox"/> Common for area
Required Casing/BOPE Test Pressure=		2000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		300	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 <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO <input type="checkbox"/>
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO <input type="checkbox"/>
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

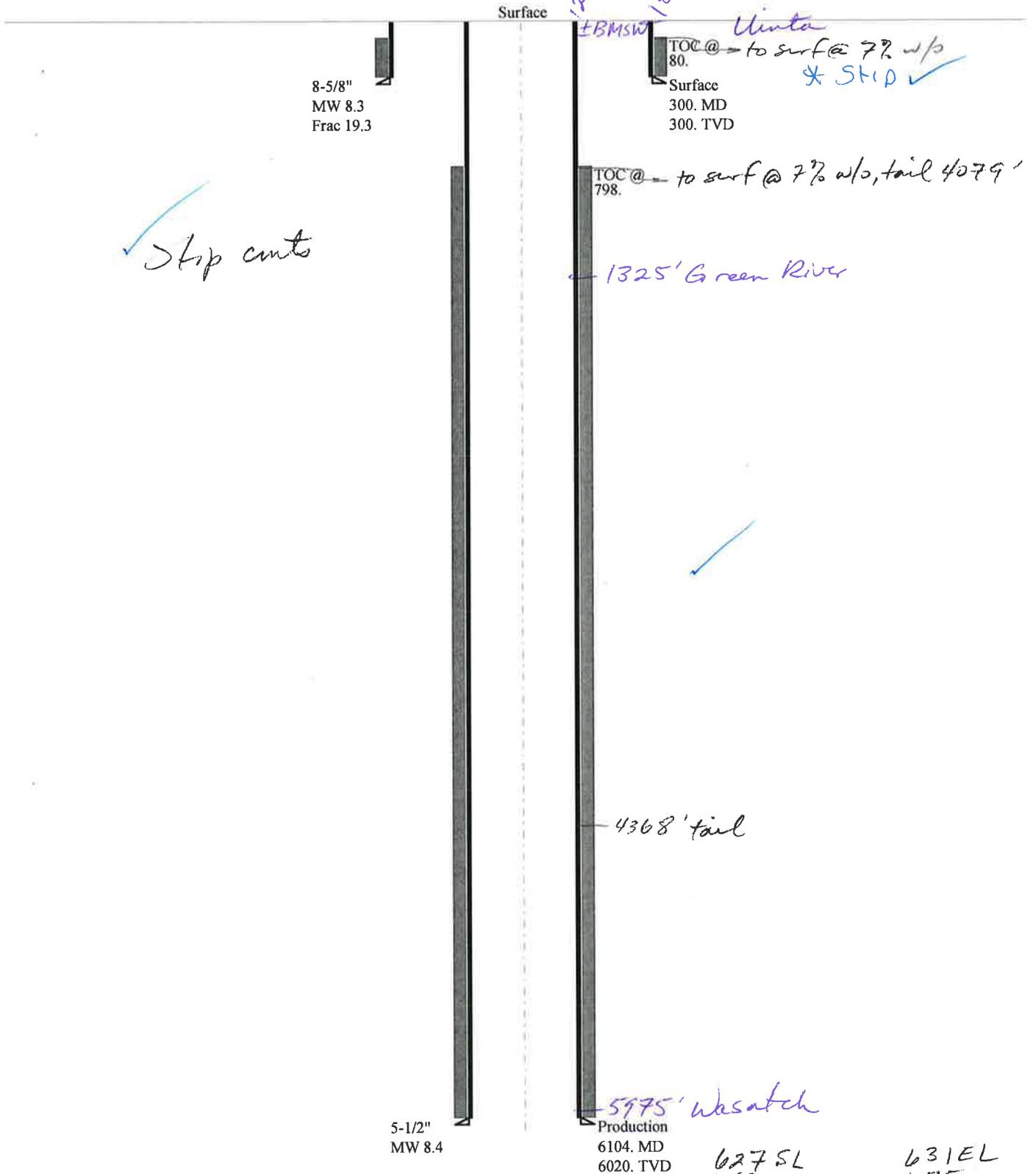
Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO <input type="checkbox"/>
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO <input type="checkbox"/>
Required Casing/BOPE Test Pressure=			psi

API Well Number: 43047515440000

*Max Pressure Allowed @ Previous Casing Shoe=	<input type="text"/>	psi *Assumes 1psi/ft frac gradient
---	----------------------	------------------------------------

43047515440000 GMBU U-2-9-17

Casing Schematic



✓ Stop cuts

EBMSW 187
Uinta
TOC @ 80. → to surf @ 7% w/o
* Stop ✓
Surface
300. MD
300. TVD

TOC @ 798. → to surf @ 7% w/o, tail 4079'
1325' Green River

4368' tail

5975' wasatch

5-1/2"
MW 8.4

Production
6104. MD
6020. TVD

6275L
649

22FNL

631EL
675

44FWL

ok

NW NW Sec 11-9S-17E

Well name:	43047515440000 GMBU U-2-9-17		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Surface	Project ID:	43-047-51544
Location:	UINTAH COUNTY		

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 78 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 100 ft
 Cement top: 80 ft

Burst

Max anticipated surface pressure: 264 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 300 psi

No backup mud specified.

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: 262 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 6,020 ft
 Next mud weight: 8.400 ppg
 Next setting BHP: 2,627 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 300 ft
 Injection pressure: 300 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	300	8.625	24.00	J-55	ST&C	300	300	7.972	1543
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	130	1370	10.560	300	2950	9.83	7.2	244	33.91 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Mining

Phone: 801 538-5357
 FAX: 801-359-3940

Date: April 27, 2011
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 300 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.

Well name:	43047515440000 GMBU U-2-9-17		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Production	Project ID:	43-047-51544
Location:	UINTAH COUNTY		

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 158 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 100 ft
 Cement top: 798 ft

Burst

Max anticipated surface pressure: 1,281 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 2,605 psi

No backup mud specified.

Tension:

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

Tension is based on air weight.
 Neutral point: 5,332 ft

Directional Info - Build & Hold

Kick-off point 600 ft
 Departure at shoe: 937 ft
 Maximum dogleg: 1.5 °/100ft
 Inclination at shoe: 10.47 °

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	6104	5.5	15.50	J-55	LT&C	6020	6104	4.825	21553
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	2605	4040	1.551	2605	4810	1.85	93.3	217	2.33 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Mining

Phone: 801 538-5357
 FAX: 801-359-3940

Date: April 27, 2011
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 6020 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.

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 GMBU U-2-9-17
API Number 43047515440000 **APD No** 3576 **Field/Unit** MONUMENT BUTTE
Location: 1/4,1/4 SESE **Sec 2 Tw 9.0S Rng 17.0E 627 FSL 631 FEL**
GPS Coord (UTM) **Surface Owner**

Participants

Floyd Bartlett (DOGM), Brian Foote (Newfield), Jim Davis (SITLA) and Alex Hansen (UDWR).

Regional/Local Setting & Topography

Two additional oil wells will be directional drilled from the pad of the existing 16-2-9-17 injection well. They are the T-2-9-17 and U-2-9-17. The area is designated for 20 acre spacing. No construction changes are planned for the existing pad. A temporary use area is designated on the east end of the pad. A reserve pit will be re-dug in approximately the previous location. No tanks are currently on the pad. The oil will be piped to another site. Two electronic transmitter towers are also on the location.

A field review of the existing pad showed no concerns as it now exists. It should be suitable for drilling and operating the proposed additional wells.

SITLA owns the surface and the minerals.

Surface Use Plan

Current Surface Use
Existing Well Pad

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

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands

Flora / Fauna
Existing pad.

Soil Type and Characteristics

Erosion Issues

Sedimentation Issues

Site Stability Issues N

Drainage Diversion Required?

Berm Required? Y

Erosion Sedimentation Control Required?

Paleo Survey Run? Paleo Potential Observed? Cultural Survey Run? Cultural Resources?

Reserve Pit

Site-Specific Factors		Site Ranking	
Distance to Groundwater (feet)	75 to 100	10	
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	45	1 Sensitivity Level

Characteristics / Requirements

A reserve pit will be re-dug in the original location on the north side. Its dimensions are 80' x 40' x 8' deep. 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
Evaluator

3/23/2011
Date / Time

Application for Permit to Drill Statement of Basis

5/4/2011

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
3576	43047515440000	SITLA	OW	S	No
Operator	NEWFIELD PRODUCTION COMPANY		Surface Owner-APD		
Well Name	GMBU U-2-9-17		Unit	GMBU (GRRV)	
Field	MONUMENT BUTTE		Type of Work	DRILL	
Location	SESE 2 9S 17E S 627 FSL 631 FEL	GPS Coord (UTM)	588194E	4434098N	

Geologic Statement of Basis

Newfield proposes to set 300' of surface casing at this location. The the base of the moderately saline water at this location is estimated to be at a or near the surface. 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 significant source of useable ground water. The proposed casing and cement programs shouls adequately protect ground water in the area.

Brad Hill
APD Evaluator

4/5/2011
Date / Time

Surface Statement of Basis

Two additional oil wells will be directional drilled from the pad of the existing 16-2-9-17 injection well. They are the T-2-9-17 and U-2-9-17. The area in designated for 20 acre spacing. No construction changes are planned for the existing pad. A temporary use area is designated on the east end of the pad. A reserve pit will be re-dug in approximately the previous location. No tanks are currently on the pad. The oil will be piped to another site. Two electronic transmitter towers are also on the location.

A field review of the existing pad showed no concerns as it now exists. It should be suitable for drilling and operating the proposed additional wells.

SITLA owns the surface and the minerals. Mr. Jim Davis of SITLA attended the evaluation and agreed with the proposal. Mr. Alex Hansen of the UDWR also attended and had no recommendations for wildlife.

Floyd Bartlett
Onsite Evaluator

3/23/2011
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: 3/17/2011**API NO. ASSIGNED:** 43047515440000**WELL NAME:** GMBU U-2-9-17**OPERATOR:** NEWFIELD PRODUCTION COMPANY (N2695)**PHONE NUMBER:** 435 646-4825**CONTACT:** Mandie Crozier**PROPOSED LOCATION:** SESE 02 090S 170E**Permit Tech Review:** **SURFACE:** 0627 FSL 0631 FEL**Engineering Review:** **BOTTOM:** 0100 FSL 0100 FEL**Geology Review:** **COUNTY:** UINTAH**LATITUDE:** 40.05441**LONGITUDE:** -109.96601**UTM SURF EASTINGS:** 588194.00**NORTHINGS:** 4434098.00**FIELD NAME:** MONUMENT BUTTE**LEASE TYPE:** 3 - State**LEASE NUMBER:** ML-45555**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:** 437478
- RDCC Review:**
- Fee Surface Agreement**
- Intent to Commingle**

Commingle 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:** Suspends General Siting
- R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:

- 5 - Statement of Basis - bhill
- 15 - Directional - dmason
- 25 - Surface Casing - hmacdonald
- 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: GMBU U-2-9-17
API Well Number: 43047515440000
Lease Number: ML-45555
Surface Owner: STATE
Approval Date: 5/4/2011

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.

Surface casing shall be cemented to the surface.

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

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 <http://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:



For John Rogers
Associate Director, Oil & Gas

Spud

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross 29 Submitted By
Branden Arnold Phone Number 435-401-0223
Well Name/Number GMBU U-2-9-17
Qtr/Qtr SE/SE Section 2 Township 9S Range 17E
Lease Serial Number ML-45555
API Number 43-047-51544

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

Date/Time 5/26/11 3:00 AM PM

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

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

Date/Time 5/27/11 11:00 AM PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

Date/Time _____ AM PM

Remarks _____

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTAH STATE ML-45555

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

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
GMBU U-2-9-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4304751544

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: UINTAH

OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: , 2, T9S, R17E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 06/01/2011	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Spud Notice
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

On 5/27/11 MIRU Ross #29. Spud well @3:00 AM. Drill 310' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24# csgn. Set @ 311.67. On 5/27/11 cement with 160 sks of class "G" w/ 2% CaCL2 + 0.25#/sk Cello- Flake Mixed @ 15.8ppg w/ 1.17ft3/sk yield. Returned 10 barrels cement to pit. WOC.

NAME (PLEASE PRINT) Branden Arnold

TITLE _____

SIGNATURE *Branden Arnold*

DATE 06/01/2011

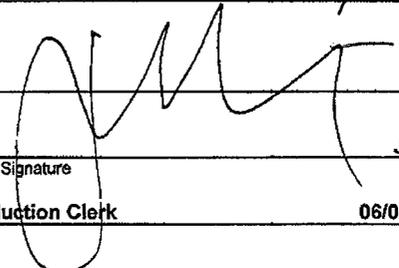
(This space for State use only)

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JUN 13 2011
DIV. OF OIL, GAS & MINING

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
B	99999	17400 ✓	4304751544	GMBU U-2-9-17	SESE	2	9S	17E	UINTAH	5/26/2011	6/22/11
WELL 1 COMMENTS: GRRV BHL=SESE											
B	99999	17400 ✓	4301350654	GMBU O-2-9-17	SWNE	2	9S	17E	DUCHESNE	6/7/2011	6/22/11
GRRV BHL=NWSW											
A	99999		4304751279	FEDERAL 12-24-6-20	NWSW	24	6S	20E	UINTAH	3/29/2011	
Duplicate - original processed 3/31/11											
B	99999	17400 ✓	4304751543	GMBU T-2-9-17	SESE	2	9S	17E	UINTAH	5/26/2011	6/22/11
GRRV BHL=NESE											
A	99999	18071	4301350451	UTE TRIBAL 7-16-4-1W	SWNE	16	4S	1W	DUCHESNE	6/3/2011	6/22/11
GRRV											
A	99999	18072	4304751319	UTE TRIBAL 11-10-4-1E	NESW	10	4S	1E	UINTAH	6/2/2011	6/22/11
GR-WS											

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

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 JUN 09 2011


 Signature
 Production Clerk
 06/09/11

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-45555
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: GMBU U-2-9-17	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43047515440000	
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: 0627 FSL 0631 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 02 Township: 09.0S Range: 17.0E Meridian: S	COUNTY: UINTAH	
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/5/2011 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Weekly Status Report"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
The above well was completed on 07/05/2011. Attached is a daily completion status report.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Jennifer Peatross	PHONE NUMBER 435 646-4885	TITLE Production Technician
SIGNATURE N/A	DATE 7/15/2011	

Daily Activity Report

Format For Sundry

GMBU U-2-9-17

5/1/2011 To 9/30/2011

6/20/2011 Day: 1

Completion

Rigless on 6/20/2011 - Rigged up Perforators WLT with lubricator. Ran CBL under pressure. WLTD was 5990' with TOC at 60'. Ran in hole with 3-1/8" ported guns and perforated CP5, CP4, and CP2 sands as shown in perforation report. SWIFN. - Nipple up frac head and Weatherford BOPs. Rig up hot oiler and test casing, frac head, frac valves and BOPs to 4500 psi. Rig up Perforators WLT with lubricator. Run CBL under pressure. WLTD was 5990' with TOC at 60'. Run in hole with 3-1/8" ported guns and perforate CP5, CP4, and CP2 sands as shown in perforation report. Rig down WLT and hot oiler. SIWFN w/ 142 BWTR.

Daily Cost: \$0

Cumulative Cost: \$16,086

6/22/2011 Day: 2

Completion

Rigless on 6/22/2011 - Frac Stage 1 with Baker Hughes and perforate Stage 2 with The Perforators. SWIFN. - RU BJ Services for Stage 1. Frac CP5, CP4, and CP2 sands with 44,924 lbs of white 20/40 sand. Leave pressure on well. 614 BWTR. - RU BJ Services and Perforators for Stage 2. Perforate A3 sands as shown in perforation report. Baker Hughes' sandmaster broke down so shut down for the day. SWIFN with 614 BWTR.

Daily Cost: \$0

Cumulative Cost: \$30,848

6/23/2011 Day: 3

Completion

Rigless on 6/23/2011 - Fraced Stage 2 with Baker Hughes. Fraced and perforated Stages 3 and 4 with Baker Hughes and Perforators. Began flowback on 20/64 choke at 3 BPM. Well flowed for 6 hours and died. SWIFN. - RU BJ Services and Perforators for Stage 3. Perforate B2 sands as shown in perforation report. Rig down Perforators and frac B2 sands with 231,293 lbs of white 20/40 sand. Leave pressure on well. 2796 BWTR. - RU BJ Services for Stage 2. Frac A3 sands with 24,173 lbs of white 20/40 sand. Leave pressure on well. 943 BWTR. - RU BJ Services and Perforators for Stage 4. Perforate DS3 sands as shown in perforation report. Rig down Perforators and frac DS3 sands with 33,412 lbs of white 20/40 sand. Leave pressure on well. 3126 BWTR. - Begin flowback on 20/64 choke at 3 BPM. Well flowed for 6 hours and died. Recovered 800 bbls of fluid. SIWFN with 2326 BWTR.

Daily Cost: \$0

Cumulative Cost: \$153,613

6/29/2011 Day: 4

Completion

NC #1 on 6/29/2011 - Pick up Tbg, Drill Plg - 5:30AM-6:00AM C/Trvl, 6:00AM, OWU W/ 600psi, Let Flow. F/B 50BW. R/U Rig, N/D Frc BOP's, & N/U Rigs BOP's. R/U Floor, & Tbg Eqp. Tally Tbg. P/U 151 Jts of 2 7/8, J-55 Tbg. Tag @ 4710'. R/D Tbg Eqp, R/U Pwr Swvl, R/U Rig Pmp, B/C, Drill Plg, RIH W/ Swvl to 5023', Tg Fill, Circulate Btms Up. L/D 2 Jts Tbg. EOB @ 4960', SWI, CSDFN @ 630PM. C/Tvl- 630PM-700PM. 3076 BWTR.

Daily Cost: \$0

Cumulative Cost: \$159,441

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6/30/2011 Day: 5**Completion**

NC #1 on 6/30/2011 - Drill Up Plgs @ 5100', 5198', Cln Out To PBTD @ 6009', Curc Cln 1 Hr, POOH W/-4 Jts Tbg, Swab & Flow Well For Cln Up. - 5:30AM-6:00AM C/Trvl, 6:00AM, OWU, RIH W/-Tbg To Plg @ 5100', Drill Up Plg, 1 Hr Drill Time, Swvl I/Hle To Plg @ 5198', Drill Up Plg, 1 1/2 Hr Drill Time, Swvl I/Hle To Fill @ 5850', Cln Out To PBTD @ 6009', Curc Well Cln 1 Hr, R/U Swab, Made 2 Swab Runs, Well Started Flowing, Flowed 365 BW, SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. 2708 BWTR.

Daily Cost: \$0

Cumulative Cost: \$167,132

7/1/2011 Day: 6**Completion**

NC #1 on 7/1/2011 - OWU, RIH W/Tbg C/Out To PBTD. POOH W/-Tbg & Bit. Run Tbg Prod, Set T/A, Land Tbg, N/U W/HD. Start I/Hle W/-Rod Prod String. C/SDFN. - 5:30AM-6:00AM C/Trvl, 6:00AM, OWU, RIH W/-Tbg To Fill @ 5985', R/U R/pmp Cln Out To PBTD @ 6009', Curc Cln W/-Brine Wtr. POOH W/-193 Jts Tbg, Bit Sub & Bit. P/U & RIH W/-N/C, 2 Jts Tbg, S/N, 1 Jt Tbg, 5 1/2" T/A W/-Carbide Slips, 184 Jts Tbg, R/D Flr, N/D BOP, Set T/A In 18,000 Tension, N/U W/-HD. P/U Stroke & RIH W/-Central Hyd 2 1/2X1 1/2X20X24' RHAC, 1"X4' 3 Per Pony, 4- 1 1/2 Wt Bars W/-1"X4' 3 Per Ponys Between Wt Bars, 187-7/8 8 Per, SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. 2831 BWTR.

Daily Cost: \$0

Cumulative Cost: \$212,726

7/5/2011 Day: 7**Completion**

NC #1 on 7/5/2011 - RIH W/-Remainder Of Rod Production, Seat pmp, R/U Unit, Stroke Unit & Tbg To 800 Psi, Good Test. R/D Rig, (Final Report). - 5:30AM-6:00AM C/Trvl, 6:00AM, OWU, RIH W/-38-7/8 8 Per, 7/8X8'-6'-4'-2' Ponys, 1 1/2X30' Polish Rod, Seat pmp, R/U Unit, R/U R/pmp, Fill Tbg W/-3 BW, Stroke Unit & Tbg To 800 Psi, Good Test. Rack Out Eq, R/D Rig. POP @ 12:30PM, 144' SL, 5 SPM. 2834 BWTR, (Final Report). **Finalized**

Daily Cost: \$0

Cumulative Cost: \$248,215

Pertinent Files: [Go to File List](#)

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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

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

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

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

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface 627' FSL & 631' FEL (SE/SE) SEC. 2, T9S, R17E (ML-45555)

*BTL reviewed
by J.P.*

At top prod. interval reported below 243' FSL & 235' FEL (SE/SE) SEC. 2, T9S, R17E (ML-45555)

At total depth 106' FSL & 102' FEL (SE/SE) SEC. 2, T9S, R17E (ML-45555)

14. Date Spudded
05/26/2011

15. Date T.D. Reached
06/12/2011

16. Date Completed 07/05/2011
 D & A Ready to Prod.

5. Lease Serial No.
ML-45555

6. If Indian, Allottee or Tribe Name

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

8. Lease Name and Well No.
Greater Monument Butte U-2-9-17

9. AFI Well No.
43-047-51544

10. Field and Pool or Exploratory
MONUMENT BUTTE

11. Sec., T., R., M., on Block and
Survey or Area SEC. 2, T9S, R17E

12. County or Parish

13. State

UINTAH

UT

18. Total Depth: MD 6053'
TVD 6000'

19. Plug Back T.D.: MD 6009'
TVD 5957'

20. Depth Bridge Plug Set: MD
TVD

17. Elevations (DF, RKB, RT, GL)*
5062' GL 5074' KB

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	310'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6037'		280 PRIMLITE		60'	
						400 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 5860'	TA @ 5765'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	4616'	5808'	4616-5808'	.36"	135	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4616-5808'	Frac w/ 333803#s 20/40 white sand in 2259 bbls of Lightning 17 fluid in 4 stages.

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
7/1/11	7/12/11	24	→	30	26	18			2-1/2" x 1-1/2" x 20' 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	
	SI		→					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	
	SI		→						

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AUG 17 2011

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

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production ➔	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ➔	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production ➔	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ➔	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

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

SOLD AND 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
GREEN RIVER	4616'	5805'		GARDEN GULCH MRK	3688'
				GARDEN GULCH 1	3867'
				GARDEN GULCH 2	3988'
				POINT 3	4250'
				X MRKR	4479'
				Y MRKR	4513'
				DOUGLAS CREEK MRK	4642'
				BI CARBONATE MRK	4877'
				B LIMESTON MRK	5043'
				CASTLE PEAK	5479'
				BASAL CARBONATE	5891'
				WASATCH	6009'

32. Additional remarks (include plugging procedure):

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) Jennifer Peatross Title Production Technician
 Signature *J Peatross* Date 07/28/2011

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 EXPLORATION

**USGS Myton SW (UT)
SECTION 2 T9S, R17E
U-2-9-17**

Wellbore #1

Design: Actual

Standard Survey Report

24 June, 2011



PayZone Directional Services, LLC.

Survey Report



Company:	NEWFIELD EXPLORATION	Local Co-ordinate Reference:	Well U-2-9-17
Project:	USGS Myton SW (UT)	TVD Reference:	U-2-9-17 @ 5074.0ft (Newfield Rig #1)
Site:	SECTION 2 T9S, R17E	MD Reference:	U-2-9-17 @ 5074.0ft (Newfield Rig #1)
Well:	U-2-9-17	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Actual	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		

Site	SECTION 2 T9S, R17E, SEC 2 T9S, R17E				
Site Position:		Northing:	7,194,800.00 ft	Latitude:	40° 3' 41.746 N
From:	Lat/Long	Easting:	2,067,293.09 ft	Longitude:	109° 58' 29.067 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.98 °

Well	U-2-9-17, SHL LAT: 40 03 15.84 LONG: -109 57 59.95					
Well Position	+N/-S	0.0 ft	Northing:	7,192,217.89 ft	Latitude:	40° 3' 15.840 N
	+E/-W	0.0 ft	Easting:	2,069,601.43 ft	Longitude:	109° 57' 59.950 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	5,074.0 ft	Ground Level:	5,062.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2011/03/15	11.31	65.83	52,318

Design	Actual				
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	133.87	

Survey Program	Date	2011/06/24			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
322.0	6,053.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
322.0	1.00	145.40	322.0	-2.3	1.6	2.8	0.31	0.31	0.00
353.0	1.10	159.80	353.0	-2.8	1.9	3.3	0.91	0.32	46.45
384.0	1.10	158.60	384.0	-3.4	2.1	3.8	0.07	0.00	-3.87
414.0	1.20	154.20	414.0	-3.9	2.3	4.4	0.44	0.33	-14.67
445.0	1.30	132.90	445.0	-4.5	2.7	5.0	1.52	0.32	-68.71
475.0	1.20	137.80	475.0	-4.9	3.2	5.7	0.49	-0.33	16.33
506.0	1.20	122.50	505.9	-5.3	3.7	6.3	1.03	0.00	-49.35
536.0	1.40	116.80	535.9	-5.7	4.2	7.0	0.79	0.67	-19.00
567.0	1.40	122.80	566.9	-6.0	4.9	7.7	0.47	0.00	19.35
598.0	1.60	119.10	597.9	-6.5	5.6	8.5	0.72	0.65	-11.94
628.0	1.70	112.60	627.9	-6.8	6.4	9.3	0.71	0.33	-21.67
659.0	1.70	114.10	658.9	-7.2	7.2	10.2	0.14	0.00	4.84



PayZone Directional Services, LLC.

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 2 T9S, R17E
Well: U-2-9-17
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well U-2-9-17
TVD Reference: U-2-9-17 @ 5074.0ft (Newfield Rig #1)
MD Reference: U-2-9-17 @ 5074.0ft (Newfield Rig #1)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
689.0	1.90	115.60	688.9	-7.6	8.1	11.1	0.68	0.67	5.00
720.0	2.10	122.10	719.9	-8.1	9.0	12.1	0.97	0.65	20.97
750.0	2.10	123.60	749.8	-8.7	9.9	13.2	0.18	0.00	5.00
781.0	2.50	135.20	780.8	-9.5	10.9	14.4	1.97	1.29	37.42
812.0	2.50	144.70	811.8	-10.5	11.8	15.8	1.34	0.00	30.65
856.0	3.10	143.60	855.7	-12.3	13.0	17.9	1.37	1.36	-2.50
900.0	3.30	140.90	899.7	-14.2	14.5	20.3	0.57	0.45	-6.14
944.0	3.50	142.00	943.6	-16.3	16.2	22.9	0.48	0.45	2.50
988.0	3.90	138.20	987.5	-18.4	18.0	25.7	1.07	0.91	-8.64
1,076.0	4.90	130.20	1,075.2	-23.1	22.8	32.5	1.33	1.14	-9.09
1,120.0	5.50	128.10	1,119.1	-25.6	25.9	36.4	1.43	1.36	-4.77
1,164.0	6.40	125.10	1,162.8	-28.3	29.6	41.0	2.16	2.05	-6.82
1,208.0	7.10	126.40	1,206.5	-31.3	33.8	46.1	1.63	1.59	2.95
1,252.0	7.50	126.40	1,250.2	-34.7	38.3	51.6	0.91	0.91	0.00
1,296.0	7.90	128.10	1,293.8	-38.2	43.0	57.5	1.05	0.91	3.86
1,340.0	8.40	126.90	1,337.3	-42.0	47.9	63.7	1.20	1.14	-2.73
1,384.0	8.60	129.10	1,380.8	-46.0	53.1	70.2	0.87	0.45	5.00
1,428.0	8.60	128.70	1,424.3	-50.2	58.2	76.7	0.14	0.00	-0.91
1,472.0	8.50	130.00	1,467.8	-54.3	63.2	83.2	0.49	-0.23	2.95
1,516.0	8.70	128.80	1,511.4	-58.5	68.3	89.8	0.61	0.45	-2.73
1,560.0	8.80	129.90	1,554.8	-62.7	73.5	96.5	0.44	0.23	2.50
1,604.0	8.60	129.60	1,598.3	-67.0	78.6	103.1	0.47	-0.45	-0.68
1,648.0	8.50	129.80	1,641.8	-71.2	83.6	109.6	0.24	-0.23	0.45
1,692.0	8.20	131.30	1,685.4	-75.3	88.5	116.0	0.84	-0.68	3.41
1,736.0	8.60	131.10	1,728.9	-79.5	93.3	122.4	0.91	0.91	-0.45
1,780.0	8.90	132.10	1,772.4	-84.0	98.3	129.1	0.76	0.68	2.27
1,824.0	8.60	135.90	1,815.9	-88.6	103.2	135.8	1.48	-0.68	8.64
1,868.0	8.50	137.90	1,859.4	-93.4	107.6	142.3	0.71	-0.23	4.55
1,912.0	8.70	139.10	1,902.9	-98.3	112.0	148.9	0.61	0.45	2.73
1,956.0	8.80	135.90	1,946.4	-103.3	116.5	155.6	1.13	0.23	-7.27
2,000.0	9.00	133.20	1,989.9	-108.0	121.4	162.4	1.05	0.45	-6.14
2,044.0	9.40	132.90	2,033.3	-112.8	126.5	169.4	0.92	0.91	-0.68
2,088.0	9.60	133.80	2,076.7	-117.8	131.8	176.7	0.57	0.45	2.05
2,132.0	9.60	135.10	2,120.1	-123.0	137.0	184.0	0.49	0.00	2.95
2,176.0	9.30	135.20	2,163.5	-128.1	142.1	191.2	0.68	-0.68	0.23
2,220.0	8.80	132.90	2,206.9	-132.9	147.1	198.1	1.40	-1.14	-5.23
2,264.0	8.60	132.60	2,250.4	-137.4	152.0	204.8	0.47	-0.45	-0.68
2,308.0	9.00	130.40	2,293.9	-141.9	157.0	211.5	1.19	0.91	-5.00
2,352.0	9.30	130.80	2,337.3	-146.4	162.3	218.5	0.70	0.68	0.91
2,396.0	9.40	131.50	2,380.8	-151.1	167.7	225.6	0.34	0.23	1.59
2,440.0	9.30	134.00	2,424.2	-156.0	173.0	232.8	0.95	-0.23	5.68
2,484.0	9.30	133.00	2,467.6	-160.9	178.1	239.9	0.37	0.00	-2.27
2,528.0	9.30	133.60	2,511.0	-165.8	183.3	247.0	0.22	0.00	1.36
2,572.0	8.90	133.10	2,554.5	-170.5	188.4	254.0	0.93	-0.91	-1.14
2,616.0	8.40	131.30	2,598.0	-175.0	193.3	260.6	1.29	-1.14	-4.09
2,660.0	7.70	131.30	2,641.5	-179.1	197.9	266.7	1.59	-1.59	0.00
2,704.0	7.20	134.50	2,685.2	-182.9	202.1	272.4	1.48	-1.14	7.27
2,748.0	7.00	134.60	2,728.8	-186.7	205.9	277.9	0.46	-0.45	0.23
2,792.0	7.00	131.40	2,772.5	-190.4	209.9	283.2	0.89	0.00	-7.27
2,836.0	7.10	135.10	2,816.2	-194.1	213.8	288.6	1.06	0.23	8.41
2,880.0	7.00	134.70	2,859.8	-197.9	217.6	294.0	0.25	-0.23	-0.91
2,924.0	7.30	135.90	2,903.5	-201.8	221.5	299.5	0.76	0.68	2.73
2,968.0	8.30	137.00	2,947.1	-206.1	225.6	305.5	2.30	2.27	2.50
3,012.0	8.80	136.20	2,990.6	-210.9	230.1	312.0	1.17	1.14	-1.82



PayZone Directional Services, LLC.

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 2 T9S, R17E
Well: U-2-9-17
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well U-2-9-17
TVD Reference: U-2-9-17 @ 5074.0ft (Newfield Rig #1)
MD Reference: U-2-9-17 @ 5074.0ft (Newfield Rig #1)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
3,056.0	8.50	131.80	3,034.1	-215.5	234.8	318.6	1.65	-0.68	-10.00	
3,100.0	8.40	130.80	3,077.6	-219.8	239.7	325.1	0.40	-0.23	-2.27	
3,144.0	8.90	133.10	3,121.1	-224.2	244.6	331.7	1.38	1.14	5.23	
3,188.0	9.40	135.80	3,164.5	-229.1	249.6	338.7	1.50	1.14	6.14	
3,232.0	9.90	136.90	3,207.9	-234.4	254.7	346.1	1.21	1.14	2.50	
3,276.0	9.60	136.40	3,251.3	-239.8	259.8	353.5	0.71	-0.68	-1.14	
3,320.0	9.30	135.00	3,294.7	-245.0	264.8	360.7	0.86	-0.68	-3.18	
3,364.0	8.90	134.80	3,338.1	-249.9	269.8	367.7	0.91	-0.91	-0.45	
3,408.0	9.10	135.20	3,381.6	-254.8	274.6	374.6	0.48	0.45	0.91	
3,452.0	9.30	136.60	3,425.0	-259.8	279.5	381.6	0.68	0.45	3.18	
3,496.0	9.40	136.60	3,468.4	-265.0	284.4	388.7	0.23	0.23	0.00	
3,540.0	9.40	136.60	3,511.9	-270.3	289.4	395.9	0.00	0.00	0.00	
3,584.0	9.30	135.20	3,555.3	-275.4	294.4	403.1	0.56	-0.23	-3.18	
3,628.0	9.20	136.00	3,598.7	-280.4	299.3	410.1	0.37	-0.23	1.82	
3,672.0	8.80	135.60	3,642.2	-285.4	304.1	417.0	0.92	-0.91	-0.91	
3,716.0	8.60	135.80	3,685.7	-290.1	308.7	423.7	0.46	-0.45	0.45	
3,760.0	8.70	136.60	3,729.2	-294.9	313.3	430.3	0.36	0.23	1.82	
3,804.0	8.70	137.60	3,772.6	-299.8	317.9	436.9	0.34	0.00	2.27	
3,848.0	8.80	140.70	3,816.1	-304.9	322.2	443.6	1.10	0.23	7.05	
3,892.0	8.90	139.10	3,859.6	-310.0	326.6	450.3	0.60	0.23	-3.64	
3,936.0	8.90	138.10	3,903.1	-315.1	331.1	457.1	0.35	0.00	-2.27	
3,980.0	9.10	139.20	3,946.5	-320.3	335.6	463.9	0.60	0.45	2.50	
4,024.0	9.00	140.00	3,990.0	-325.6	340.1	470.8	0.37	-0.23	1.82	
4,068.0	8.80	138.40	4,033.5	-330.7	344.6	477.6	0.72	-0.45	-3.64	
4,112.0	8.50	138.70	4,077.0	-335.7	349.0	484.2	0.69	-0.68	0.68	
4,156.0	8.30	139.50	4,120.5	-340.5	353.2	490.6	0.53	-0.45	1.82	
4,200.0	8.10	139.90	4,164.0	-345.3	357.2	496.8	0.47	-0.45	0.91	
4,244.0	7.90	139.50	4,207.6	-350.0	361.2	502.9	0.47	-0.45	-0.91	
4,288.0	7.80	137.20	4,251.2	-354.5	365.2	508.9	0.75	-0.23	-5.23	
4,332.0	7.70	137.80	4,294.8	-358.9	369.2	514.9	0.29	-0.23	1.36	
4,376.0	7.60	135.10	4,338.4	-363.1	373.2	520.7	0.85	-0.23	-6.14	
4,420.0	7.80	133.30	4,382.0	-367.2	377.4	526.6	0.71	0.45	-4.09	
4,464.0	7.90	133.70	4,425.6	-371.4	381.8	532.6	0.26	0.23	0.91	
4,508.0	7.90	132.00	4,469.2	-375.5	386.2	538.7	0.53	0.00	-3.86	
4,552.0	8.10	132.00	4,512.7	-379.6	390.8	544.8	0.45	0.45	0.00	
4,596.0	8.40	131.60	4,556.3	-383.8	395.5	551.1	0.69	0.68	-0.91	
4,640.0	8.30	132.90	4,599.8	-388.1	400.2	557.5	0.49	-0.23	2.95	
4,684.0	8.20	134.00	4,643.4	-392.4	404.8	563.8	0.42	-0.23	2.50	
4,728.0	8.30	132.60	4,686.9	-396.7	409.4	570.1	0.51	0.23	-3.18	
4,772.0	8.10	134.40	4,730.5	-401.1	414.0	576.4	0.74	-0.45	4.09	
4,816.0	7.90	135.70	4,774.0	-405.4	418.3	582.5	0.61	-0.45	2.95	
4,860.0	7.60	136.20	4,817.6	-409.7	422.4	588.4	0.70	-0.68	1.14	
4,904.0	7.50	137.70	4,861.3	-413.9	426.4	594.2	0.50	-0.23	3.41	
4,948.0	7.70	134.80	4,904.9	-418.1	430.4	600.0	0.98	0.45	-6.59	
4,992.0	8.10	133.90	4,948.5	-422.3	434.7	606.1	0.95	0.91	-2.05	
5,036.0	8.50	130.00	4,992.0	-426.5	439.4	612.4	1.57	0.91	-8.86	
5,080.0	8.90	128.00	5,035.5	-430.7	444.6	619.0	1.14	0.91	-4.55	
5,124.0	9.50	126.90	5,078.9	-435.0	450.2	626.0	1.42	1.36	-2.50	
5,168.0	9.40	126.40	5,122.3	-439.3	456.0	633.2	0.29	-0.23	-1.14	
5,212.0	9.70	128.20	5,165.7	-443.7	461.8	640.4	0.96	0.68	4.09	
5,256.0	9.20	130.50	5,209.1	-448.3	467.4	647.6	1.42	-1.14	5.23	
5,300.0	8.80	134.00	5,252.6	-452.9	472.5	654.5	1.54	-0.91	7.95	
5,344.0	7.80	134.80	5,296.1	-457.4	477.0	660.9	2.29	-2.27	1.82	
5,388.0	6.90	136.00	5,339.7	-461.4	481.0	666.5	2.07	-2.05	2.73	



PayZone Directional Services, LLC.

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 2 T9S, R17E
Well: U-2-9-17
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well U-2-9-17
TVD Reference: U-2-9-17 @ 5074.0ft (Newfield Rig #1)
MD Reference: U-2-9-17 @ 5074.0ft (Newfield Rig #1)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

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)
5,432.0	6.50	139.00	5,383.4	-465.2	484.4	671.6	1.21	-0.91	6.82
5,476.0	6.00	139.00	5,427.2	-468.8	487.6	676.4	1.14	-1.14	0.00
5,520.0	5.80	138.30	5,471.0	-472.2	490.6	680.9	0.48	-0.45	-1.59
5,564.0	6.00	139.10	5,514.7	-475.6	493.6	685.4	0.49	0.45	1.82
5,608.0	6.40	140.20	5,558.5	-479.2	496.6	690.1	0.95	0.91	2.50
5,652.0	6.60	143.30	5,602.2	-483.1	499.7	695.1	0.92	0.45	7.05
5,696.0	6.90	144.70	5,645.9	-487.3	502.7	700.1	0.78	0.68	3.18
5,740.0	6.80	145.00	5,689.6	-491.6	505.8	705.3	0.24	-0.23	0.68
5,784.0	6.70	144.90	5,733.3	-495.8	508.7	710.4	0.23	-0.23	-0.23
5,828.0	6.60	143.40	5,777.0	-500.0	511.7	715.4	0.46	-0.23	-3.41
5,872.0	6.50	141.50	5,820.7	-503.9	514.8	720.3	0.54	-0.23	-4.32
5,916.0	6.90	140.70	5,864.4	-507.9	518.0	725.4	0.93	0.91	-1.82
5,960.0	7.20	140.40	5,908.0	-512.1	521.4	730.8	0.69	0.68	-0.68
5,999.0	7.20	139.10	5,946.7	-515.8	524.6	735.7	0.42	0.00	-3.33
6,053.0	7.20	139.10	6,000.3	-520.9	↔ 529.0	742.4	0.00	0.00	0.00

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
U-2-9-17 NO GO - S	0.00	0.00	6,020.0	0.0	0.0	7,192,217.89	2,069,601.43	40° 3' 15.840 N	109° 57' 59.950 W
- hit/miss target									
- Shape									
- actual wellpath misses target center by 739.1ft at 5979.9ft MD (5927.8 TVD, -514.0 N, 523.0 E)									
- Polygon									
Point 1			6,020.0	-627.0	631.0	7,191,601.80	2,070,243.09		
Point 2			6,020.0	-627.0	431.0	7,191,598.37	2,070,043.12		
Point 3			6,020.0	-627.0	631.0	7,191,601.80	2,070,243.09		
U-2-9-17 TGT	0.00	0.00	6,020.0	-518.6	539.5	7,191,708.57	2,070,149.77	40° 3' 10.714 N	109° 57' 53.011 W
- actual wellpath misses target center by 22.4ft at 6053.0ft MD (6000.3 TVD, -520.9 N, 529.0 E)									
- Circle (radius 75.0)									
U-2-9-17 NO GO ZONE	0.00	0.00	6,020.0	0.0	0.0	7,192,217.90	2,069,601.43	40° 3' 15.840 N	109° 57' 59.950 W
- actual wellpath misses target center by 739.1ft at 5979.9ft MD (5927.8 TVD, -514.0 N, 523.0 E)									
- Polygon									
Point 1			6,020.0	-319.0	631.0	7,191,909.76	2,070,237.81		
Point 2			6,020.0	-627.0	631.0	7,191,601.81	2,070,243.09		
Point 3			6,020.0	-319.0	631.0	7,191,909.76	2,070,237.81		

Checked By: _____ Approved By: _____ Date: _____

NEWFIELD



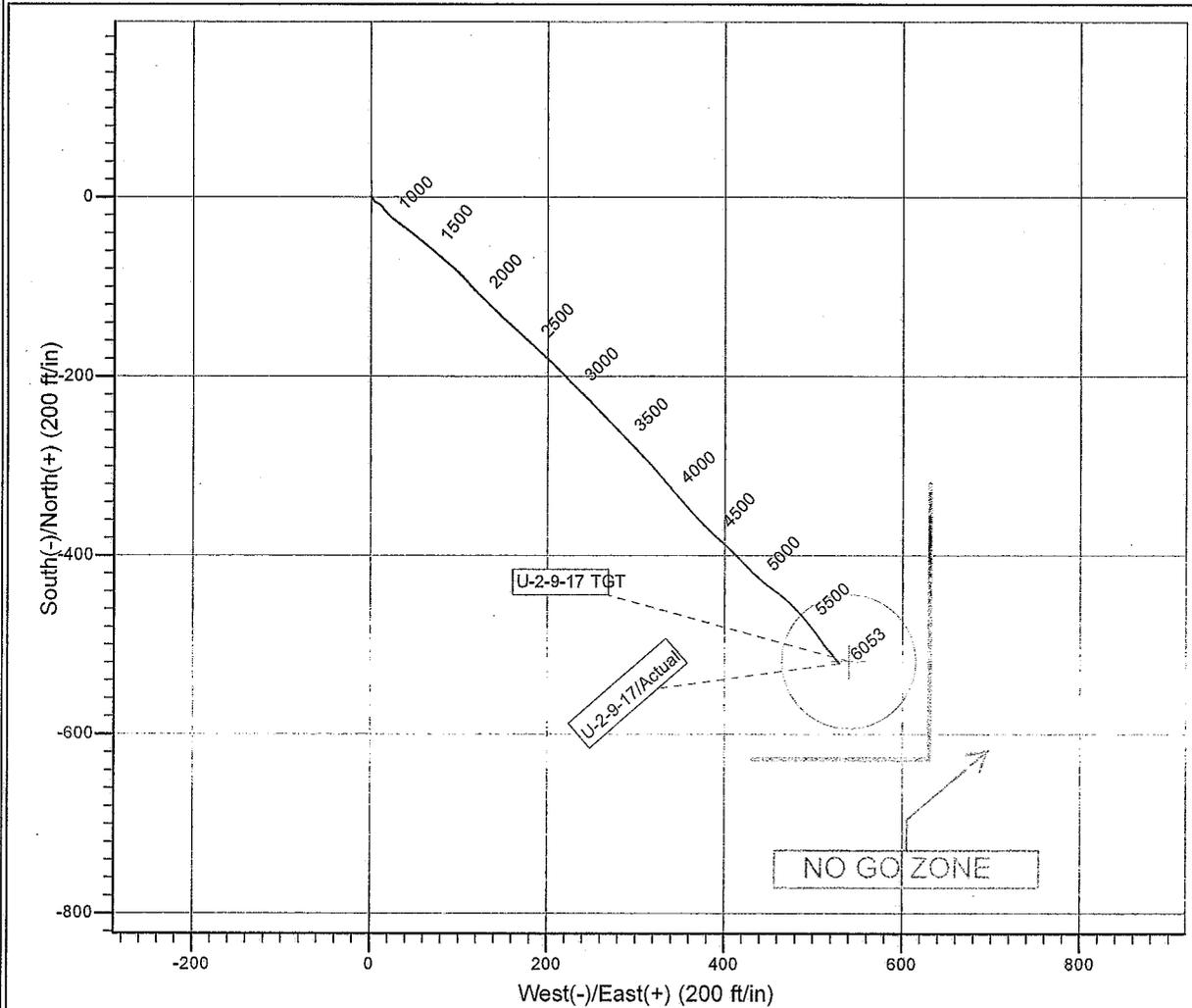
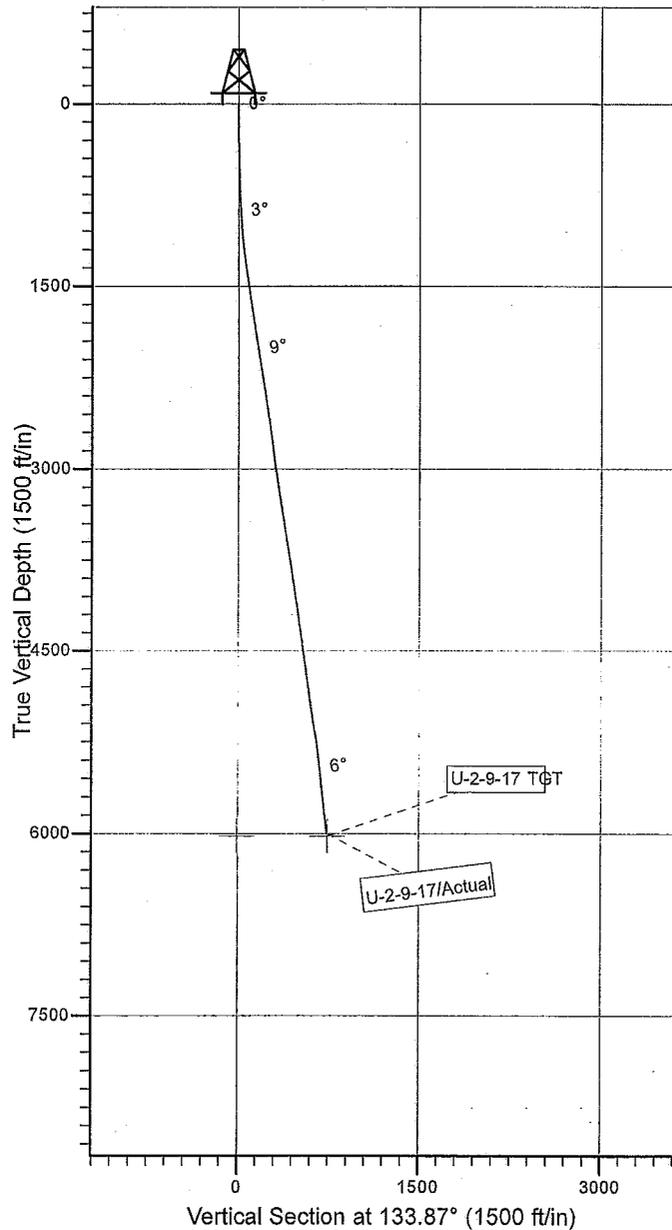
Project: USGS Myton SW (UT)
 Site: SECTION 2 T9S, R17E
 Well: U-2-9-17
 Wellbore: Wellbore #1
 SURVEY: Actual

FINAL SURVEY REPORT



Azimuths to True North
 Magnetic North: 11.31°

Magnetic Field
 Strength: 52317.6snT
 Dip Angle: 65.83°
 Date: 2011/03/15
 Model: IGRF2010



Design: Actual (U-2-9-17/Wellbore #1)



Created By: Sarah Webb Date: 14:02, June 24 2011
 THIS SURVEY IS CORRECT TO THE BEST OF MY
 KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

Daily Activity Report

Format For Sundry

GMBU U-2-9-17

4/1/2011 To 8/30/2011

GMBU U-2-9-17

Waiting on Cement

Date: 6/6/2011

Ross #26 at 310. Days Since Spud - 311.67'KB. On 5/27/11 cement w/BJ w/160 sks of class G+2%kcl+.25#CF mixed @ 15.8ppg and 1.17 - On 5/26/11 Ross #29 spud and drilled 310' of 12 1/4" hole, P/U and run 7 jts of 8 5/8" casing set - yield. Returned 10bbbls to pit, bump plug to 332psi, BLM and State were notified of spud via email.

Daily Cost: \$0

Cumulative Cost: \$52,822

GMBU U-2-9-17

Drill 7 7/8" hole with fresh water

Date: 6/8/2011

NDSI SS #1 at 2054. 1 Days Since Spud - Pick up Smith Mi 616 PDC bit, 7/8mil. 4.8 stage .33 Mud motor, Payzone directional tools tag 230' - Drill 7 7/8" hole F/230' - 2054', w/ 20 WOB, 165 RPM, 379 GPM, ROP 214 - R/U B&C quicktest Test Kelly, safty valve, choke manifold, Pipe and blind rams @ 2000 PSI - MIRU Set all equipment w/ Liddell trucking - Surface csg @ 1500 PSI - test good

Daily Cost: \$0

Cumulative Cost: \$81,882

GMBU U-2-9-17

Drill 7 7/8" hole with fresh water

Date: 6/9/2011

NDSI SS #1 at 4650. 2 Days Since Spud - Work on light plant and c-15 floor motor - Drill 7 7/8" hole F/2054' - 2758', w/ 20 WOB, 165 RPM, 379 GPM, ROP 201 - Rig service funtion test pipe rams and crownomatic- BOP Drill - Drill 7 7/8" hole F/2758' -4650', w/ 20 WOB, 155 RPM, 379 GPM, ROP 105

Daily Cost: \$0

Cumulative Cost: \$107,356

GMBU U-2-9-17

Drill 7 7/8" hole with fresh water

Date: 6/10/2011

NDSI SS #1 at 6050. 3 Days Since Spud - Rig up PSI and Run Wireline Logs - Laydown Drill Pipe and BHA - Laydown Drill Pipe to 4,000' - Pump High Vis Sweep and Circulate Well F/ Laydown and Logs - Drill 7 7/8" hole F/ 5706' to 6050' TD, W/ 20,000 WOB, 155 RPM, 378GPM, ROP 87fph - Rig Service, Function Test Crown-O-Matic, Held BOP Drill - Drill 7 7/8" hole F/ 4650' to 5706', W/ 20,000 WOB, 155 RPM, 378GPM, ROP 98fph - Spot 260bbbls of Brine, No Flow

Daily Cost: \$0

Cumulative Cost: \$154,359

GMBU U-2-9-17

Wait on Completion

Date: 6/11/2011

NDSI SS #1 at 6050. 4 Days Since Spud - Clean Mud Tanks - W/ 1.24 yield Returned 66bbbls CMT to pit - W/ 3.53yield. 400sks 50:50:2+3%KCL+.5%EC-1+.25#CF+.05#SF+.3SMS+FP-6L Mixed @ 14.4ppg - Rig up BJ and pump 280sks PL11+3% KCL+5#CSE+.5#CF+2#KOL+5SMS+FP+SF Mixed @ 11ppg - Release Rig @ 1:30AM 6/12/11 - Rig up and Run 144 jts 5 1/2" J-55 LTC 15.5# Casing set @ 6038.79KB. Hang Mandrel

W/90,000 Tension - Rig up B&C Quick Test and Pressure Test 5 1/2" Casing Rams to 2,000PSI
F/ 10min. Tested good - Wireline Logs - Circulate Casing W/ Rig Pump **Finalized**

Daily Cost: \$0

Cumulative Cost: \$258,768

Pertinent Files: Go to File List

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: ML-45555	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)	
8. WELL NAME and NUMBER: GMBU U-2-9-17	
9. API NUMBER: 43047515440000	
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	
COUNTY: UINTAH	
STATE: UTAH	

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.

1. TYPE OF WELL Oil Well	9. API NUMBER: 43047515440000
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0627 FSL 0631 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 02 Township: 09.0S Range: 17.0E Meridian: S	COUNTY: UINTAH
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/19/2016	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Well Clean Out"/>

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

The above mentioned well has had a history of scale. Newfield will be doing a well clean out of the wellbore with the intention to increase hydrocarbon production and bring the well back up to economic production volumes.

Approved by the
August 25, 2016
Oil, Gas and Mining

Date: _____

By: *Derek Duff*

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 8/19/2016	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-45555
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: GMBU U-2-9-17
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43047515440000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0627 FSL 0631 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 02 Township: 09.0S Range: 17.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/15/2016	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Well Clean Out"/>

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

The well clean out has been completed on the above mentioned well.
See attached job summary report.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
October 04, 2016**

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 9/29/2016	

LiteChem Acid Job Procedure

9/15/2016
 Derwin Priebe
 Austin Harrison
 Hope Weller

Newfield Exploration**Greater Monument Butte U-2-9-17****LiteChem Acid Cleanup Treatment Volumes****Table 1: Loading Volumes for HCl Acid Cleanup**

Stage	Chemical	Volume
<i>Pre Flush</i>	Fresh Water	10 gallons
	PAW3900	5 gallons
	FAW21	1 gallon
<i>Main Pill</i>	15% HCl Acid	110 gallons
	CRO242ES	.5 gallons
	PAW3900	10 gallons
	FAW21	4 gallons
<i>Over Flush</i>	Fresh Water	363 gallons
	FAW21	6 gallons
	CRW9220	5 gallons
	SCW356	5 gallons
	HSW700	20 gallons

Table 2: Over Flush Stage Volumes

Stage	Volume
<i>1st Over Flush</i>	320 gallons
<i>2nd Over Flush</i>	79 gallons

LiteChem Acid Job Procedure



Treatment recommendation needs to be applied as follows:

1. RUMO LiteChem equipment with necessary chemical and fresh water volumes
2. Inspect the equipment and tank vessels for condition/cleanliness (no solids, residual chemicals, crude or water should be present).
3. Conduct a pretreatment safety meeting with all personnel on location. **Review all related Material Safety Data Sheets and handling of dangerous goods. Take all necessary precautions when handling the chemicals.**
4. Stage recommended volume for treatment of **Fresh Water, PAW3900, 15% HCl, CRO242ES, CRW9220, SCW356, HSW700 and FAW21** (See Table 1) on location
5. **Clutch unit and shut tubing and casing in at surface to ensure treatment to go down casing**
6. Load the recommended *Pre Flush Volume* of **Fresh Water, PAW3900 and FAW21** (in that order) (See Table 1) onto application vessel, circulate the mixture to reach complete mix and **pump via LiteChem applicator down the casing**
7. Load the recommended *Main Pill Volume* of **15% HCl, CRO242ES, PAW3900 and FAW21** (in that order) (See Table 1) onto application vessel, circulate the mixture to reach complete mix and **pump via LiteChem applicator down the casing**
8. Load the recommended *Over Flush Volume* of **Fresh Water, FAW21, CRW9220, SCW356, and HSW700** (in that order) (See Table 1) onto application vessel, circulate the mixture to reach complete mix
 - a. Pump *1st Over Flush Volume* (See Table 2) **via LiteChem applicator down the casing**

Wait 30 minutes in-between pumping step 8a and 8b
 - b. Pump *2nd Over Flush Volume* (See Table 2) **via LiteChem applicator down the casing**
9. Disconnect LiteChem equipment
10. **Leave well shut in for a minimum of 12-24 hours and return to production**