

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 C-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"/>			12. SURFACE 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')						14. SURFACE OWNER PHONE (if box 12 = 'fee')				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <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		502 FNL 1961 FEL		NWNE	2	9.0 S	17.0 E	S		
Top of Uppermost Producing Zone		227 FNL 2493 FEL		NWNE	2	9.0 S	17.0 E	S		
At Total Depth		100 FNL 2575 FWL		NENW	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				
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1125			26. PROPOSED DEPTH MD: 6999 TVD: 6999				
27. ELEVATION - GROUND LEVEL 5006			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 - 700	24.0	J-55 ST&C	8.3	Class G	321	1.17	15.8
PROD	7.875	5.5	0 - 6999	15.5	J-55 LT&C	8.3	Premium Lite High Strength	345	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 03/24/2011			EMAIL mcrozier@newfield.com			
API NUMBER ASSIGNED 43047515510000				APPROVAL			 Permit Manager			

NEWFIELD PRODUCTION COMPANY
 GMBU C-2-9-17
 AT SURFACE: NW/NE SECTION 2, T9S, R17E
 UTAH 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' – 1430'
Green River	1430'
Wasatch	6100'
Proposed TD	6999'

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

Green River Formation (Oil)	1430' – 6100'
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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 C-2-9-17**

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	700'	24.0	J-55	STC	2,950 7.51	1,370 6.15	244,000 14.52
Prod casing 5-1/2"	0'	6,999'	15.5	J-55	LTC	4,810 2.16	4,040 1.81	217,000 2.00

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 C-2-9-17**

Job	Fill	Description	Sacks	OH Excess*	Weight (ppg)	Yield (ft ³ /sk)
			ft ³			
Surface casing	700'	Class G w/ 2% CaCl	321	30%	15.8	1.17
			376			
Prod casing Lead	4,999'	Prem Lite II w/ 10% gel + 3% KCl	345 1126	30%	11.0	3.26
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363 451	30%	14.3	1.24

*Actual volume pumped will be 15% over the caliper log

- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

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

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 ± 700 feet will be drilled with an air/mist system. The air rig is equipped with a 6 1/2" 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 ± 700 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 @ 700' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +/- . A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

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

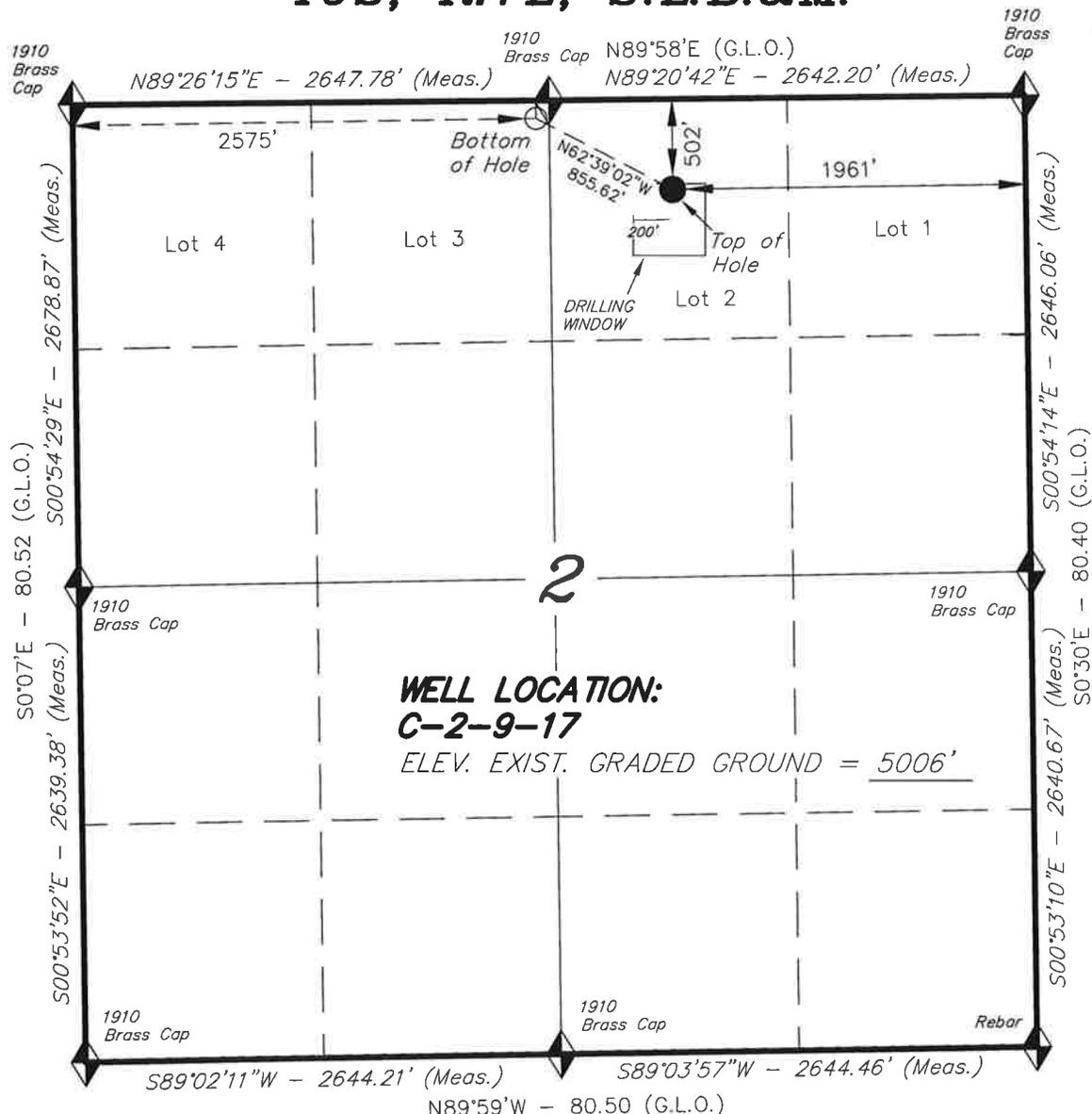
No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

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

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

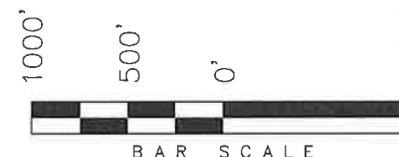
T9S, R17E, S.L.B.&M.

NEWFIELD EXPLORATION COMPANY



WELL LOCATION, C-2-9-17, LOCATED AS SHOWN IN THE NW 1/4 NE 1/4 (LOT 2) OF SECTION 2, T9S, R17E, S.L.B.&M. UTAH COUNTY, UTAH.

TARGET BOTTOM HOLE, C-2-9-17, LOCATED AS SHOWN IN THE NE 1/4 NW 1/4 (LOT 3) OF SECTION 2, T9S, R17E, S.L.B.&M. UTAH 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' FNL & 2575' FWL.

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

Stacy W. Stewart
 REGISTERED LAND SURVEYOR
 REGISTRATION No. 189377
 STATE OF UTAH 03-15-11

◆ = SECTION CORNERS LOCATED

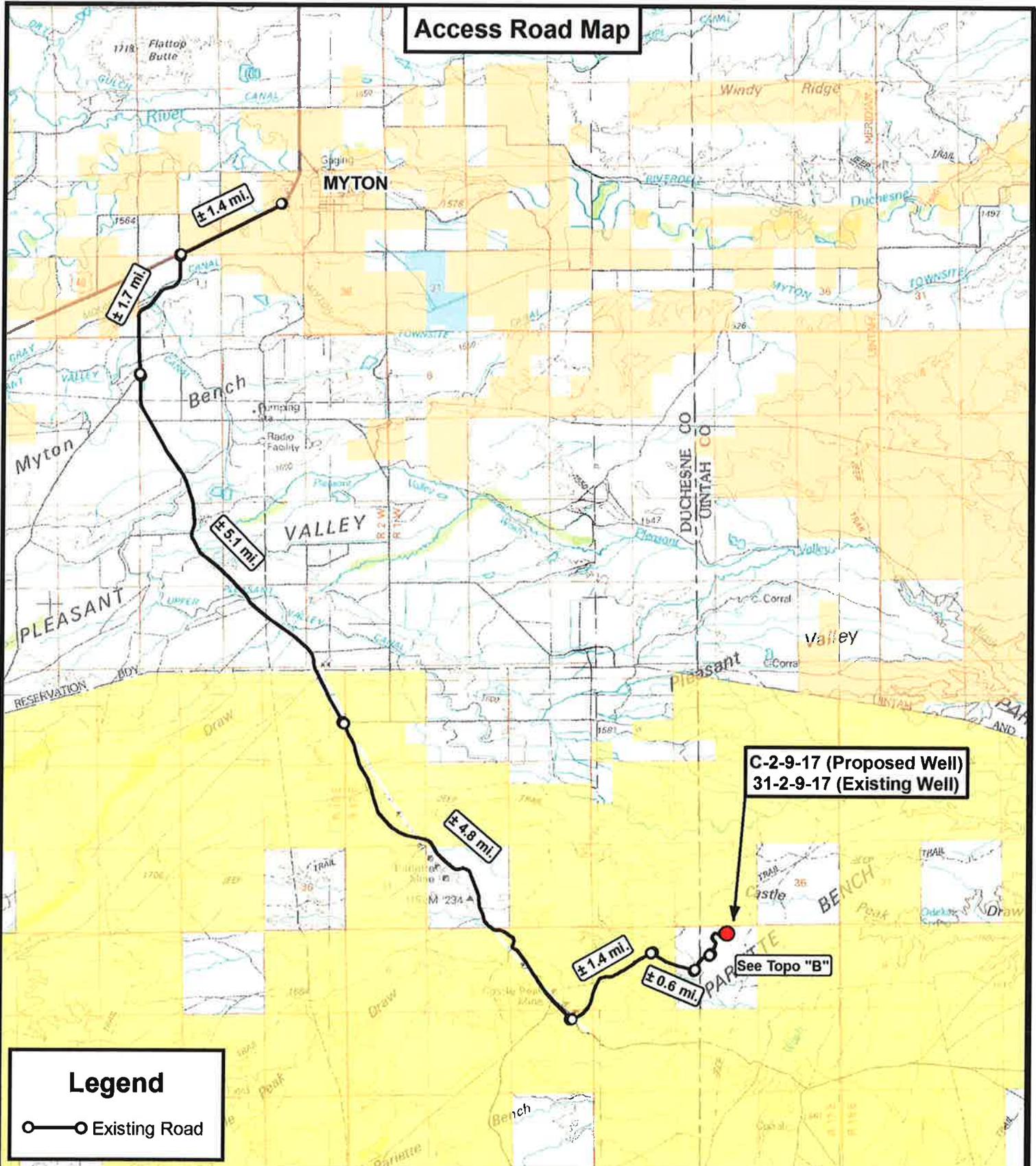
BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

C-2-9-17
 (Surface Location) NAD 83
 LATITUDE = 40° 03' 57.02"
 LONGITUDE = 109° 58' 16.96"

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

DATE SURVEYED: 03-07-11	SURVEYED BY: K.S.	VERSION:
DATE DRAWN: 03-12-11	DRAWN BY: M.W.	V1
REVISED:	SCALE: 1" = 1000'	

Access Road Map



Legend

○—○ Existing Road

C-2-9-17 (Proposed Well)
31-2-9-17 (Existing Well)

See Topo "B"

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



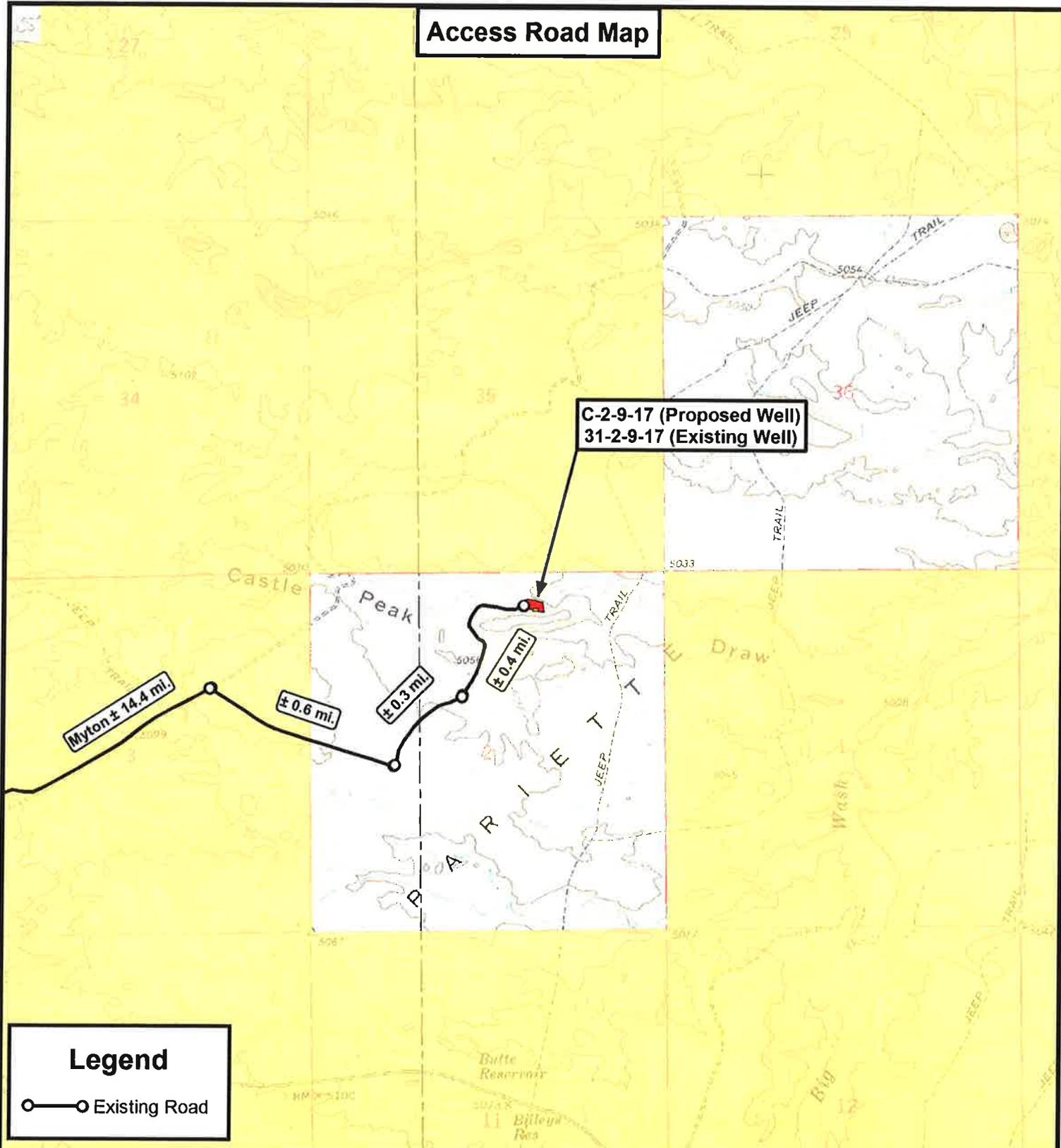
NEWFIELD EXPLORATION COMPANY
 C-2-9-17 (Proposed Well)
 31-2-9-17 (Existing Well)
 SEC. 2, T9S, R17E, S.L.B.&M.
 Uintah County, UT.

DRAWN BY:	J.A.S.	REVISED:	VERSION:
DATE:	03-14-2011		V1
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET **A**

Access Road Map



**C-2-9-17 (Proposed Well)
31-2-9-17 (Existing Well)**

Myton ± 14.4 mi.

± 0.6 mi.

± 0.3 mi.

± 0.4 mi.

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
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NEWFIELD EXPLORATION COMPANY

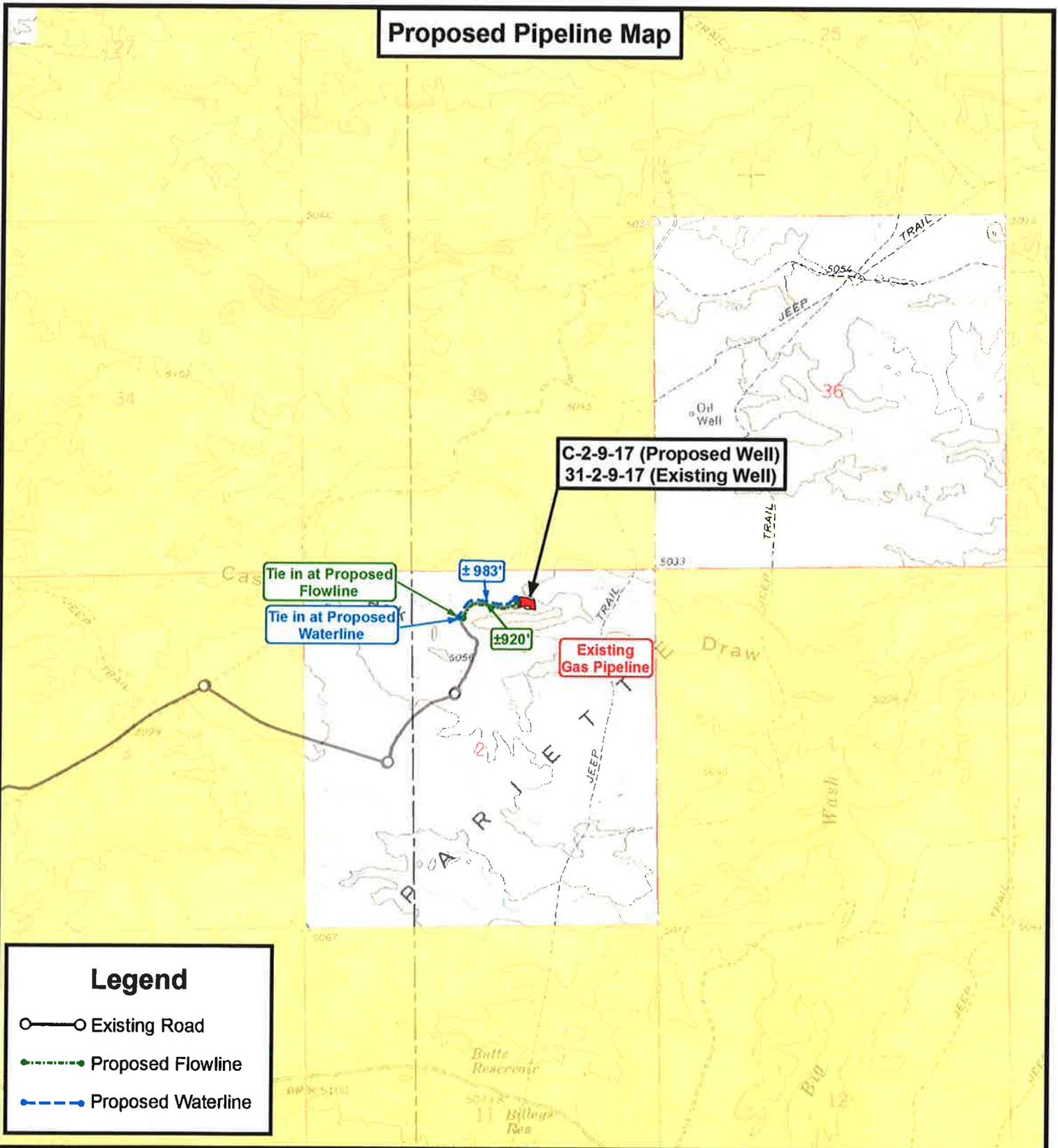
**C-2-9-17 (Proposed Well)
31-2-9-17 (Existing Well)
SEC. 2, T9S, R17E, S.L.B.&M.
Uintah County, UT.**

DRAWN BY:	J.A.S.	REVISED:	VERSION:
DATE:	03-14-2011		V1
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET
B

Proposed Pipeline Map



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.

 <p>Tri State Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078</p>	P: (435) 781-2501 F: (435) 781-2518			NEWFIELD EXPLORATION COMPANY C-2-9-17 (Proposed Well) 31-2-9-17 (Existing Well) SEC. 2, T9S, R17E, S.L.B.&M. Uintah County, UT.		
	DRAWN BY: J.A.S.	REVISED:		VERSION:	TOPOGRAPHIC MAP	
	DATE: 03-14-2011	SCALE: 1" = 2,000'		V1		

RECEIVED: Jun. 08, 2011

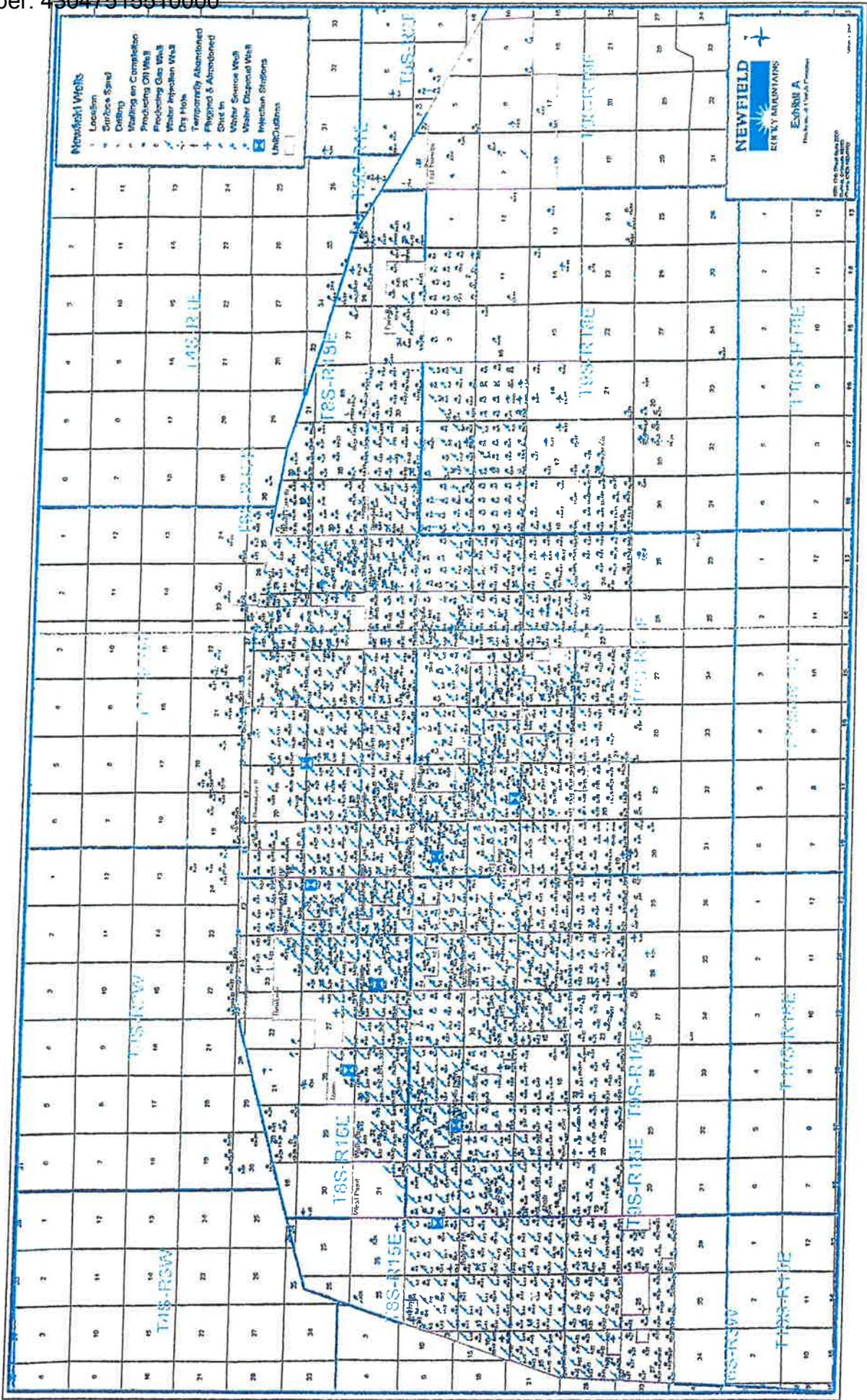
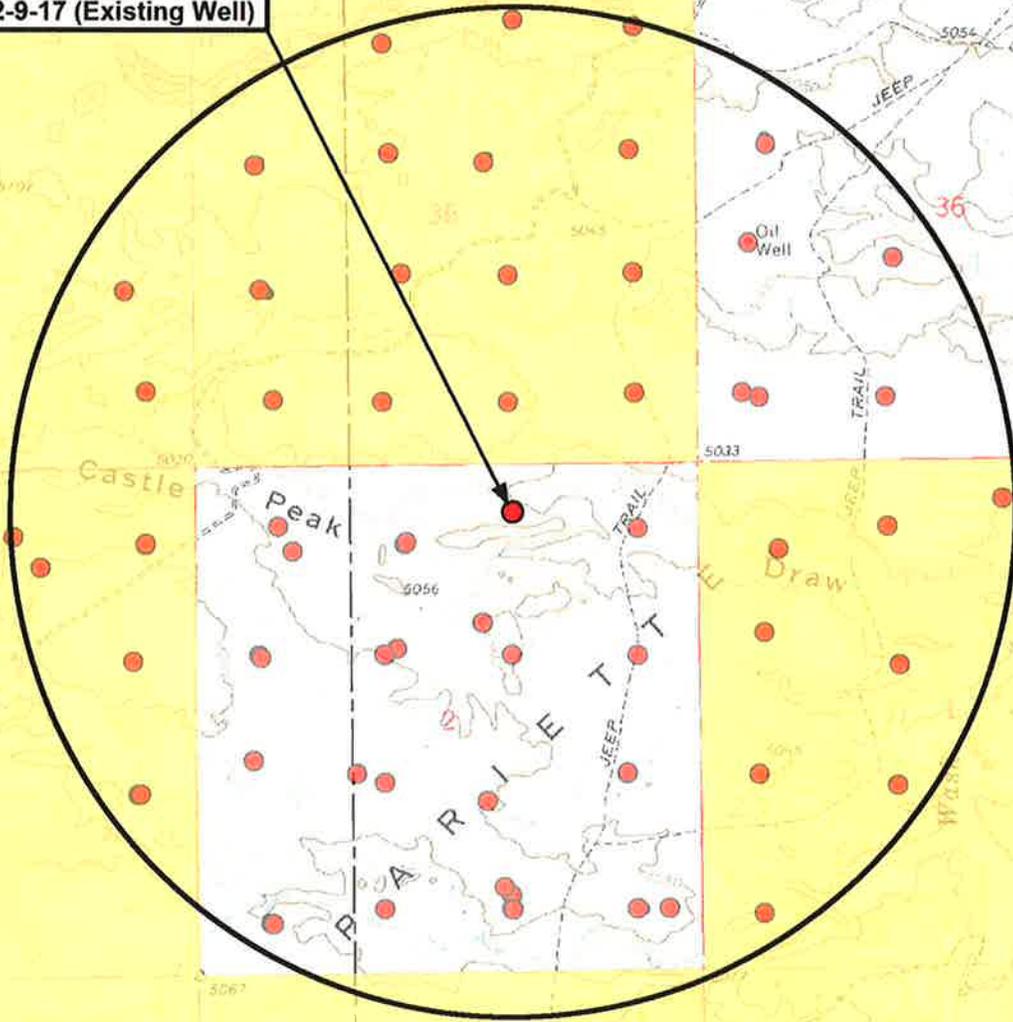


Exhibit "B" Map

C-2-9-17 (Proposed Well)
31-2-9-17 (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



NEWFIELD EXPLORATION COMPANY

C-2-9-17 (Proposed Well)
31-2-9-17 (Existing Well)
SEC. 2, T9S, R17E, S.L.B.&M.
Uintah County, UT.

DRAWN BY:	J.A.S.	REVISED:	VERSION:
DATE:	03-14-2011		V1
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP	SHEET D
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RECEIVED: Jun. 08, 2011



NEWFIELD EXPLORATION

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

Wellbore #1

Plan: Design #1

Standard Planning Report

26 May, 2011





Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well C-2-9-17
Company:	NEWFIELD EXPLORATION	TVD Reference:	C-2-9-17 @ 5018.0ft (Newfield Rig)
Project:	USGS Myton SW (UT)	MD Reference:	C-2-9-17 @ 5018.0ft (Newfield Rig)
Site:	SECTION 2 T9S, R17E	North Reference:	True
Well:	C-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	C-2-9-17, SHL LAT: 40 03 57.02 LONG: -109 58 16.96					
Well Position	+N/-S	1,545.5 ft	Northing:	7,196,361.33 ft	Latitude:	40° 3' 57.020 N
	+E/-W	941.3 ft	Easting:	2,068,207.83 ft	Longitude:	109° 58' 16.960 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	5,018.0 ft	Ground Level:	5,006.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2011/03/23	11.31	65.84	52,321

Design	Design #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	297.35

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	
1,134.7	8.02	297.35	1,133.0	17.2	-33.2	1.50	1.50	0.00	297.35	
6,999.1	8.02	297.35	6,940.0	393.1	-760.0	0.00	0.00	0.00	0.00	C-2-9-17 TGT



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well C-2-9-17
Company:	NEWFIELD EXPLORATION	TVD Reference:	C-2-9-17 @ 5018.0ft (Newfield Rig)
Project:	USGS Myton SW (UT)	MD Reference:	C-2-9-17 @ 5018.0ft (Newfield Rig)
Site:	SECTION 2 T9S, R17E	North Reference:	True
Well:	C-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)
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	297.35	700.0	0.6	-1.2	1.3	1.50	1.50	0.00
800.0	3.00	297.35	799.9	2.4	-4.6	5.2	1.50	1.50	0.00
900.0	4.50	297.35	899.7	5.4	-10.5	11.8	1.50	1.50	0.00
1,000.0	6.00	297.35	999.3	9.6	-18.6	20.9	1.50	1.50	0.00
1,100.0	7.50	297.35	1,098.6	15.0	-29.0	32.7	1.50	1.50	0.00
1,134.7	8.02	297.35	1,133.0	17.2	-33.2	37.4	1.50	1.50	0.00
1,200.0	8.02	297.35	1,197.6	21.4	-41.3	46.5	0.00	0.00	0.00
1,300.0	8.02	297.35	1,296.6	27.8	-53.7	60.4	0.00	0.00	0.00
1,400.0	8.02	297.35	1,395.7	34.2	-66.1	74.4	0.00	0.00	0.00
1,500.0	8.02	297.35	1,494.7	40.6	-78.5	88.3	0.00	0.00	0.00
1,600.0	8.02	297.35	1,593.7	47.0	-90.9	102.3	0.00	0.00	0.00
1,700.0	8.02	297.35	1,692.7	53.4	-103.2	116.2	0.00	0.00	0.00
1,800.0	8.02	297.35	1,791.7	59.8	-115.6	130.2	0.00	0.00	0.00
1,900.0	8.02	297.35	1,890.8	66.2	-128.0	144.1	0.00	0.00	0.00
2,000.0	8.02	297.35	1,989.8	72.6	-140.4	158.1	0.00	0.00	0.00
2,100.0	8.02	297.35	2,088.8	79.0	-152.8	172.1	0.00	0.00	0.00
2,200.0	8.02	297.35	2,187.8	85.5	-165.2	186.0	0.00	0.00	0.00
2,300.0	8.02	297.35	2,286.9	91.9	-177.6	200.0	0.00	0.00	0.00
2,400.0	8.02	297.35	2,385.9	98.3	-190.0	213.9	0.00	0.00	0.00
2,500.0	8.02	297.35	2,484.9	104.7	-202.4	227.9	0.00	0.00	0.00
2,600.0	8.02	297.35	2,583.9	111.1	-214.8	241.8	0.00	0.00	0.00
2,700.0	8.02	297.35	2,682.9	117.5	-227.2	255.8	0.00	0.00	0.00
2,800.0	8.02	297.35	2,782.0	123.9	-239.6	269.7	0.00	0.00	0.00
2,900.0	8.02	297.35	2,881.0	130.3	-252.0	283.7	0.00	0.00	0.00
3,000.0	8.02	297.35	2,980.0	136.7	-264.4	297.6	0.00	0.00	0.00
3,100.0	8.02	297.35	3,079.0	143.1	-276.8	311.6	0.00	0.00	0.00
3,200.0	8.02	297.35	3,178.1	149.6	-289.1	325.5	0.00	0.00	0.00
3,300.0	8.02	297.35	3,277.1	156.0	-301.5	339.5	0.00	0.00	0.00
3,400.0	8.02	297.35	3,376.1	162.4	-313.9	353.4	0.00	0.00	0.00
3,500.0	8.02	297.35	3,475.1	168.8	-326.3	367.4	0.00	0.00	0.00
3,600.0	8.02	297.35	3,574.1	175.2	-338.7	381.3	0.00	0.00	0.00
3,700.0	8.02	297.35	3,673.2	181.6	-351.1	395.3	0.00	0.00	0.00
3,800.0	8.02	297.35	3,772.2	188.0	-363.5	409.3	0.00	0.00	0.00
3,900.0	8.02	297.35	3,871.2	194.4	-375.9	423.2	0.00	0.00	0.00
4,000.0	8.02	297.35	3,970.2	200.8	-388.3	437.2	0.00	0.00	0.00
4,100.0	8.02	297.35	4,069.2	207.3	-400.7	451.1	0.00	0.00	0.00
4,200.0	8.02	297.35	4,168.3	213.7	-413.1	465.1	0.00	0.00	0.00
4,300.0	8.02	297.35	4,267.3	220.1	-425.5	479.0	0.00	0.00	0.00
4,400.0	8.02	297.35	4,366.3	226.5	-437.9	493.0	0.00	0.00	0.00
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5,000.0	8.02	297.35	4,960.4	264.9	-512.2	576.7	0.00	0.00	0.00
5,100.0	8.02	297.35	5,059.5	271.4	-524.6	590.6	0.00	0.00	0.00
5,200.0	8.02	297.35	5,158.5	277.8	-537.0	604.6	0.00	0.00	0.00



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well C-2-9-17
Company:	NEWFIELD EXPLORATION	TVD Reference:	C-2-9-17 @ 5018.0ft (Newfield Rig)
Project:	USGS Myton SW (UT)	MD Reference:	C-2-9-17 @ 5018.0ft (Newfield Rig)
Site:	SECTION 2 T9S, R17E	North Reference:	True
Well:	C-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)
5,300.0	8.02	297.35	5,257.5	284.2	-549.4	618.5	0.00	0.00	0.00
5,400.0	8.02	297.35	5,356.5	290.6	-561.8	632.5	0.00	0.00	0.00
5,500.0	8.02	297.35	5,455.6	297.0	-574.2	646.5	0.00	0.00	0.00
5,600.0	8.02	297.35	5,554.6	303.4	-586.6	660.4	0.00	0.00	0.00
5,700.0	8.02	297.35	5,653.6	309.8	-599.0	674.4	0.00	0.00	0.00
5,800.0	8.02	297.35	5,752.6	316.2	-611.4	688.3	0.00	0.00	0.00
5,900.0	8.02	297.35	5,851.6	322.6	-623.8	702.3	0.00	0.00	0.00
6,000.0	8.02	297.35	5,950.7	329.0	-636.2	716.2	0.00	0.00	0.00
6,100.0	8.02	297.35	6,049.7	335.5	-648.5	730.2	0.00	0.00	0.00
6,200.0	8.02	297.35	6,148.7	341.9	-660.9	744.1	0.00	0.00	0.00
6,300.0	8.02	297.35	6,247.7	348.3	-673.3	758.1	0.00	0.00	0.00
6,400.0	8.02	297.35	6,346.8	354.7	-685.7	772.0	0.00	0.00	0.00
6,500.0	8.02	297.35	6,445.8	361.1	-698.1	786.0	0.00	0.00	0.00
6,600.0	8.02	297.35	6,544.8	367.5	-710.5	799.9	0.00	0.00	0.00
6,700.0	8.02	297.35	6,643.8	373.9	-722.9	813.9	0.00	0.00	0.00
6,800.0	8.02	297.35	6,742.8	380.3	-735.3	827.8	0.00	0.00	0.00
6,900.0	8.02	297.35	6,841.9	386.7	-747.7	841.8	0.00	0.00	0.00
6,999.1	8.02	297.35	6,940.0	393.1	-760.0	855.6	0.00	0.00	0.00
C-2-9-17 TGT									



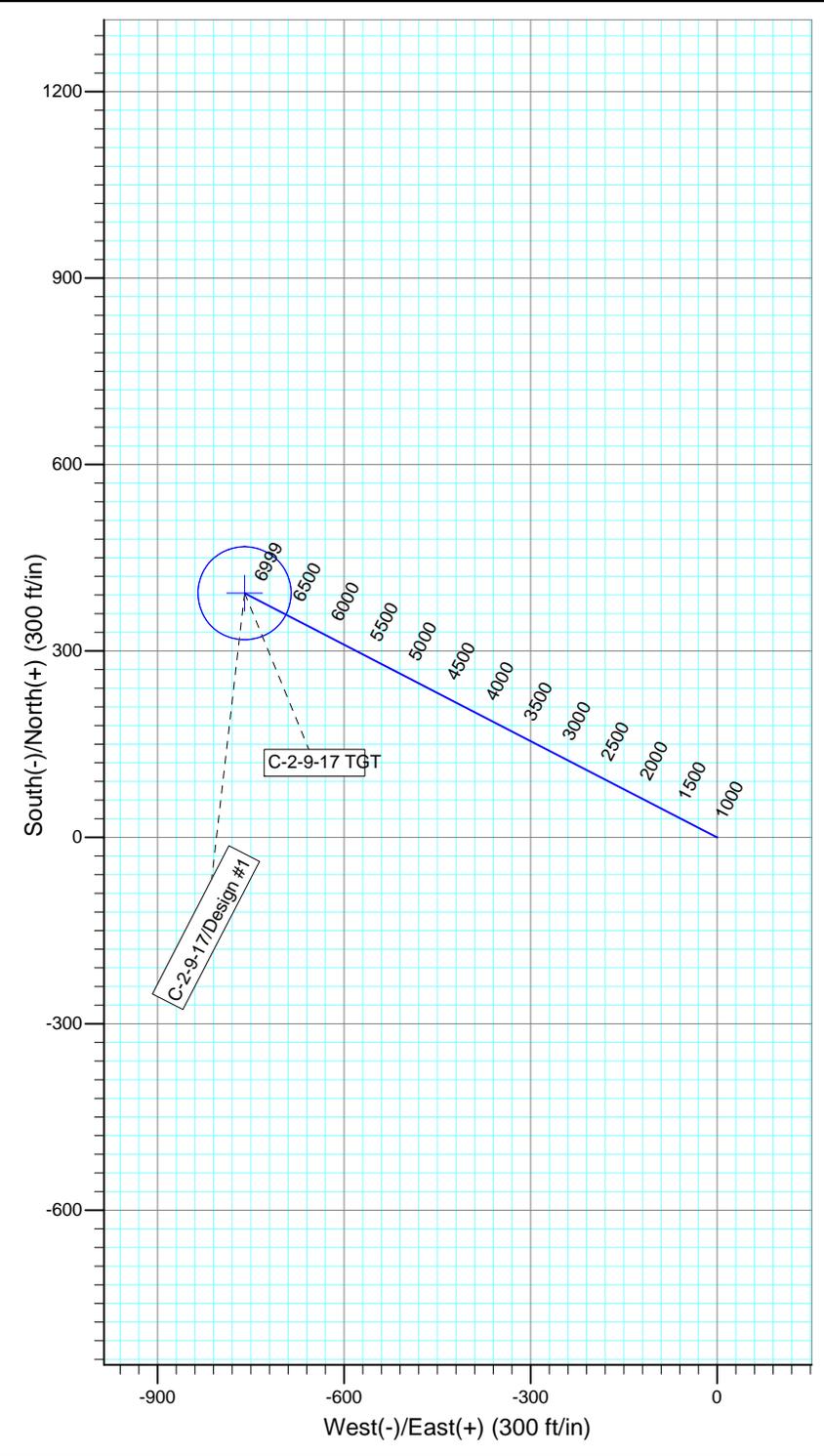
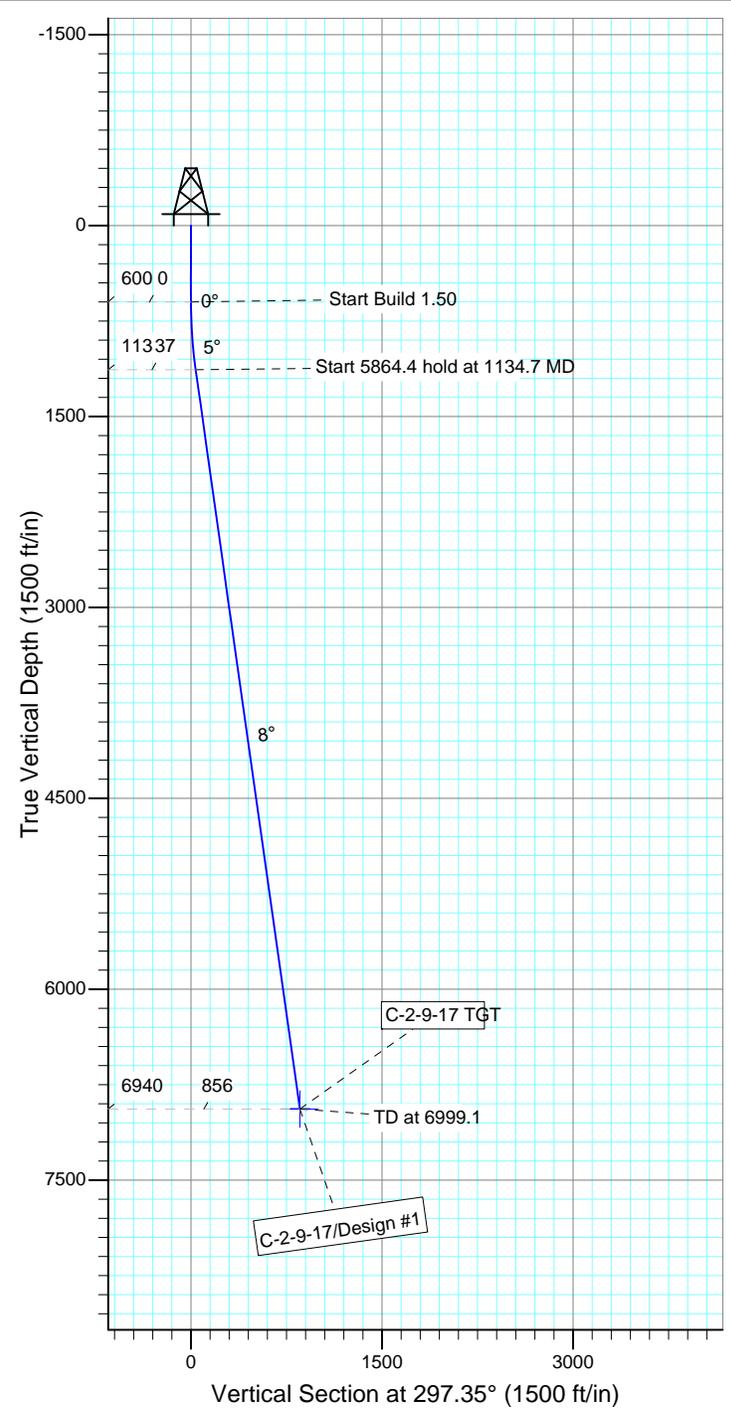
Project: USGS Myton SW (UT)
 Site: SECTION 2 T9S, R17E
 Well: C-2-9-17
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.31°

Magnetic Field
 Strength: 52321.4snT
 Dip Angle: 65.84°
 Date: 2011/03/23
 Model: IGRF2010

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



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
C-2-9-17 TGT	6940.0	393.1	-760.0	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	1134.7	8.02	297.35	1133.0	17.2	-33.2	1.50	297.35	37.4	
4	6999.1	8.02	297.35	6940.0	393.1	-760.0	0.00	0.00	855.6	C-2-9-17 TGT



RECEIVED: Jun. 08, 2011

NEWFIELD PRODUCTION COMPANY
GMBU C-2-9-17
AT SURFACE: NW/NE 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 C-2-9-17 located in the NW 1/4 NE 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 - 2.0 miles \pm to it's junction with an existing road to the northeast; proceed northeasterly - 0.7 miles \pm to the access road to the existing 31-2-9-17 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 31-2-9-17 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:

Newfield Production Company requests 983' 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 920' 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, 19S 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 C-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 C-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 #C-2-9-17, Section 2, Township 9S, Range 17E: Lease M1-15555 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.

3/24/11

Date



Mandie Crozier
Regulatory Specialist
Newfield Production Company

2-M SYSTEM

Blowout Prevention Equipment Systems

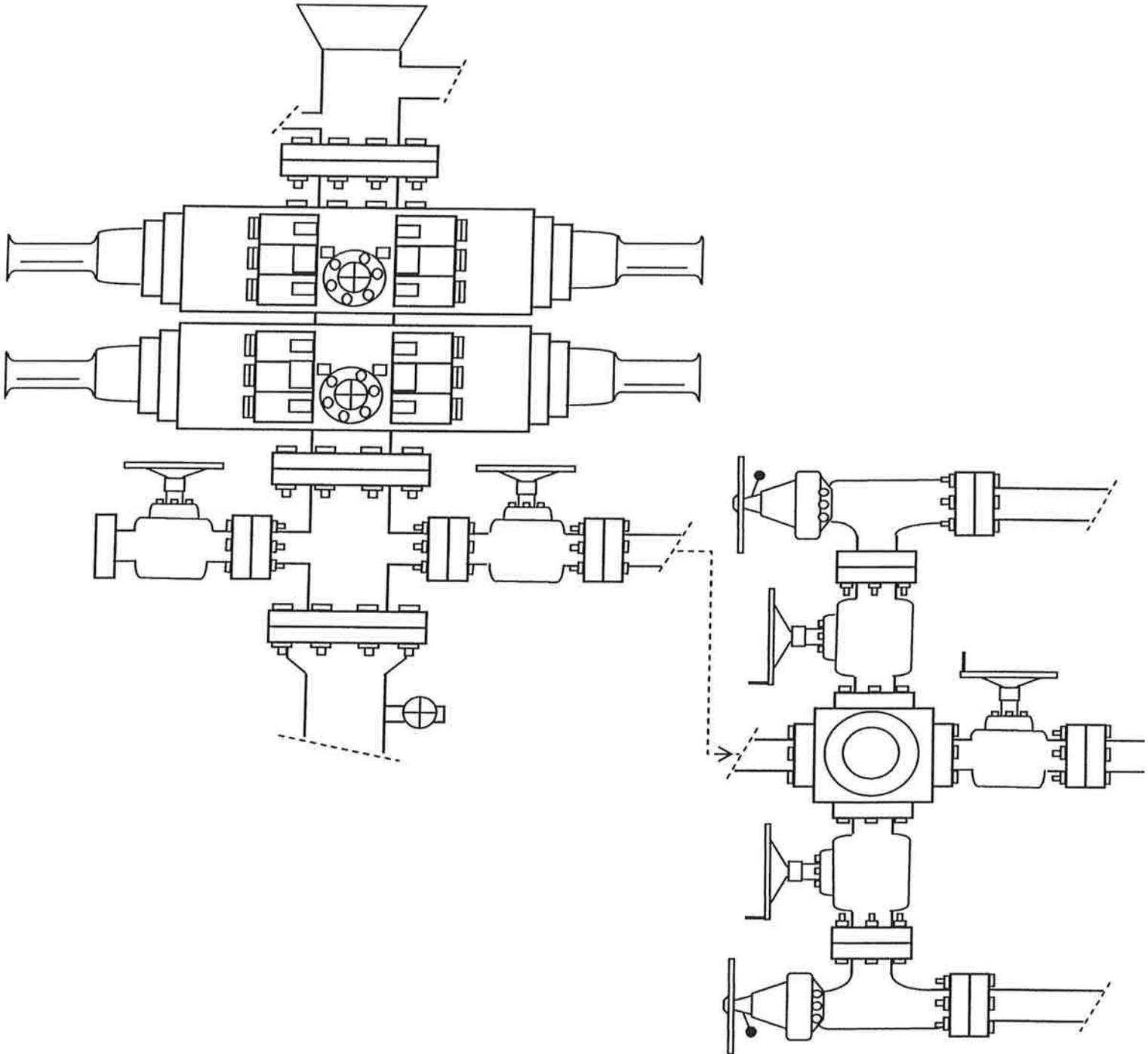


EXHIBIT C

NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

C-2-9-17 (Proposed Well)

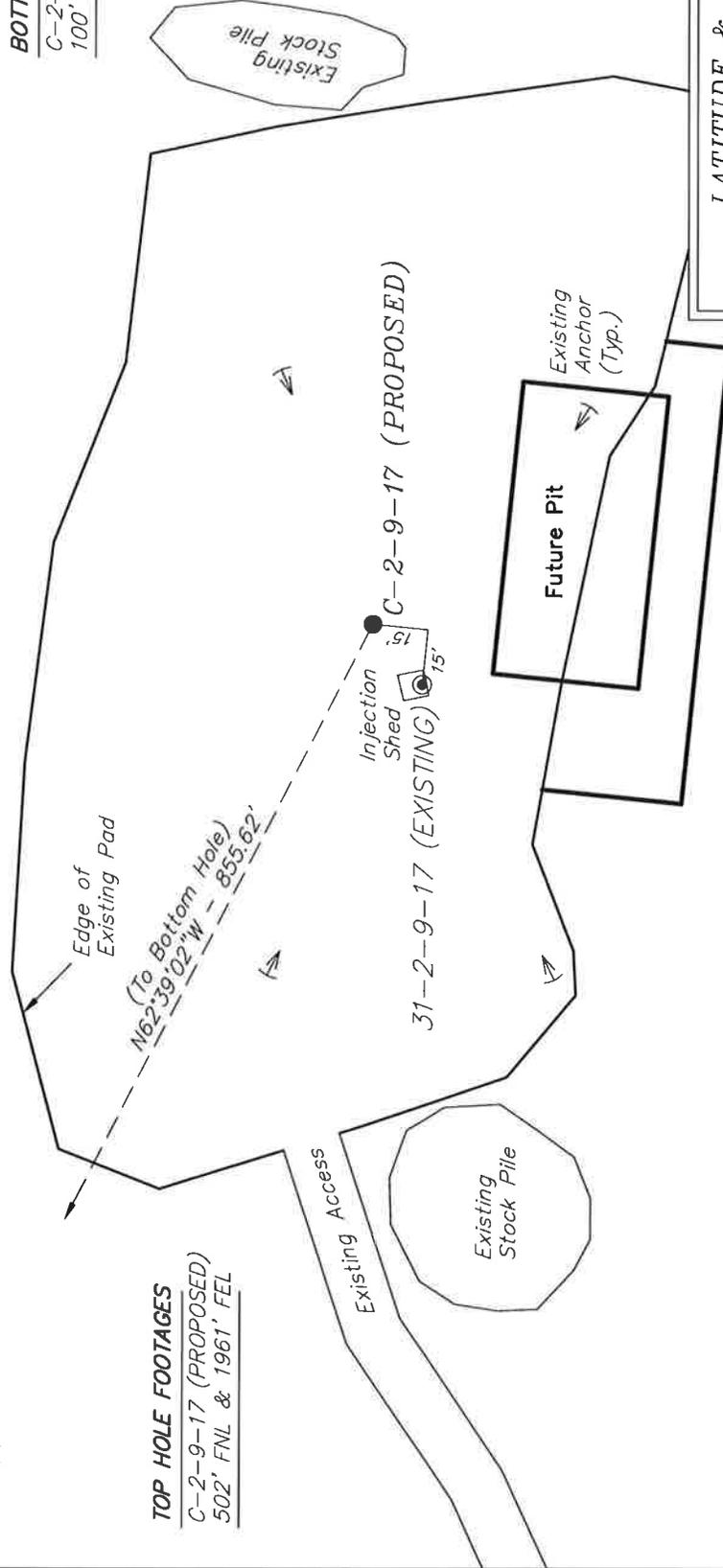
31-2-9-17 (Existing Well)

Pad Location: NWNE (Lot 2) Section 2, T9S, R17E, S.L.B.&M.



BOTTOM HOLE FOOTAGES
 C-2-9-17 (PROPOSED)
 100' FNL & 2575' FWL

TOP HOLE FOOTAGES
 C-2-9-17 (PROPOSED)
 502' FNL & 1961' FEL



Note:
 Bearings are based
 on GPS Observations.

RELATIVE COORDINATES
 From Top Hole to Bottom Hole

WELL	NORTH	EAST
C-2-9-17	393'	-760'

LATITUDE & LONGITUDE
 Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
C-2-9-17	40° 03' 57.02"	109° 58' 16.96"
31-2-9-17	40° 03' 56.90"	109° 58' 17.18"

SURVEYED BY: K.S.	DATE SURVEYED: 03-07-11	VERSION: V1
DRAWN BY: M.W.	DATE DRAWN: 03-14-11	
SCALE: 1" = 50'	REVISED:	

Tri State
 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078
 (435) 787-2501

NEWFIELD EXPLORATION COMPANY

LOCATION LAYOUT

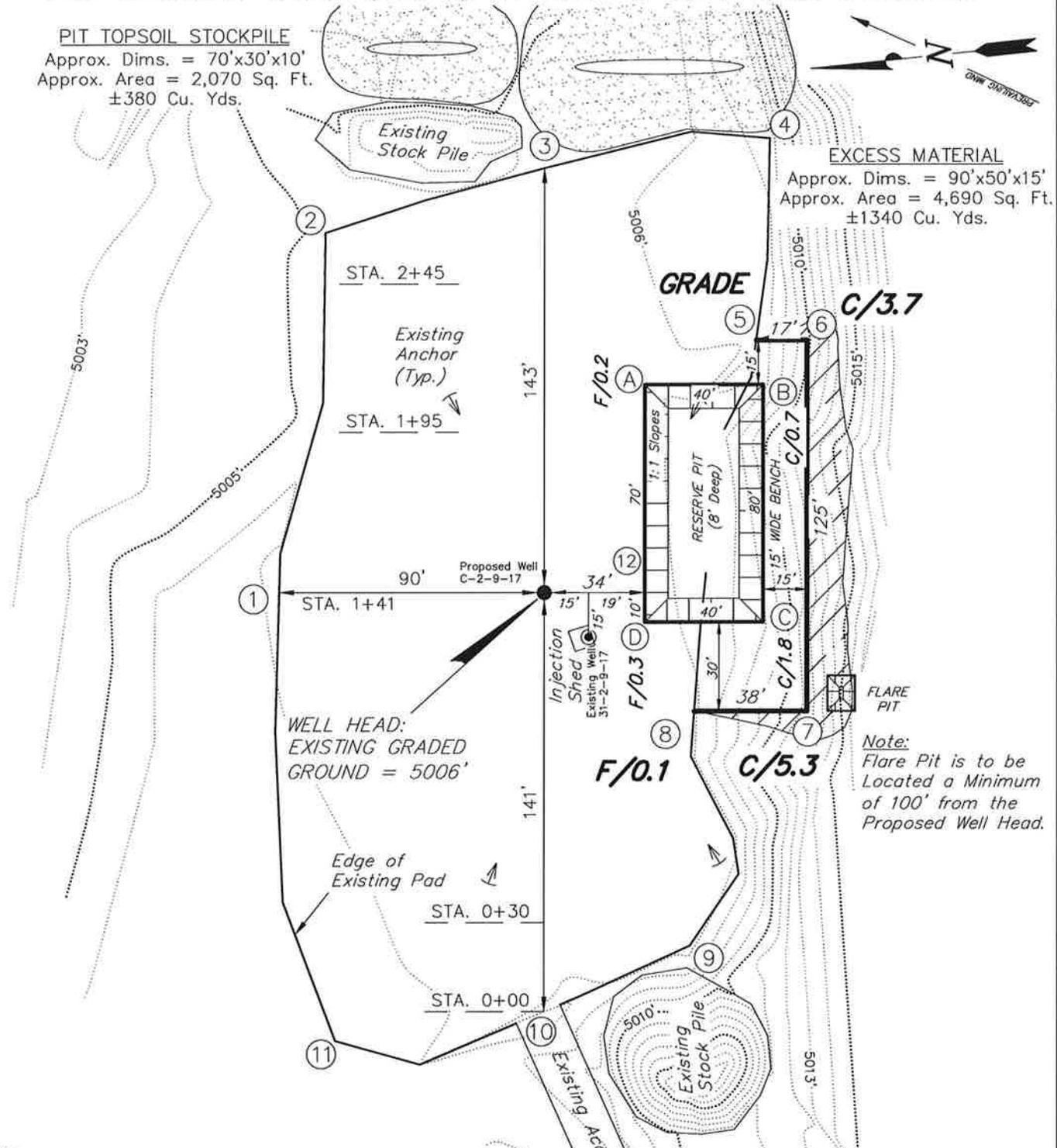
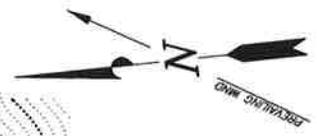
C-2-9-17 (Proposed Well)

31-2-9-17 (Existing Well)

Pad Location: NWNE (Lot 2) Section 2, T9S, R17E, S.L.B.&M.

PIT TOPSOIL STOCKPILE
 Approx. Dims. = 70'x30'x10'
 Approx. Area = 2,070 Sq. Ft.
 ±380 Cu. Yds.

EXCESS MATERIAL
 Approx. Dims. = 90'x50'x15'
 Approx. Area = 4,690 Sq. Ft.
 ±1340 Cu. Yds.



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

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

NOTE:
 The topsoil, excess material & temporary cuttings areas are calculated as being mounds containing 1,720 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.

SURVEYED BY: K.S.	DATE SURVEYED: 03-07-11	VERSION:	V1	Tri State Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078	(435) 781-2501
DRAWN BY: M.W.	DATE DRAWN: 03-14-11				
SCALE: 1" = 50'	REVISED:				

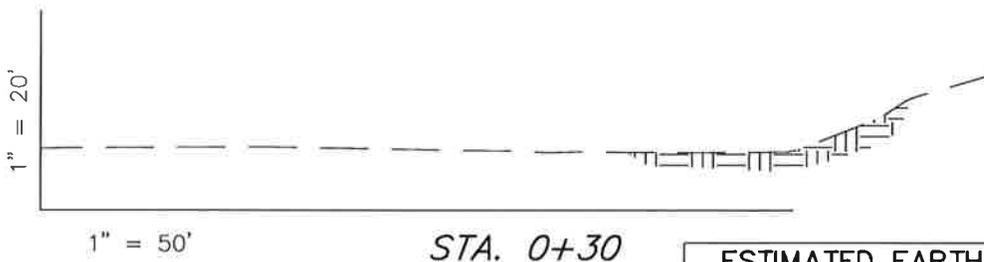
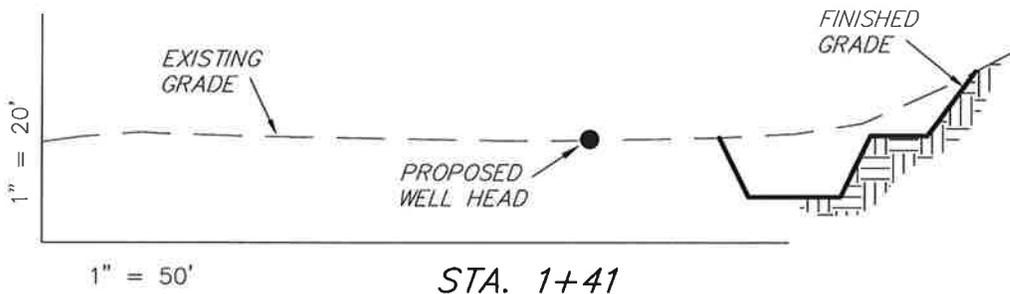
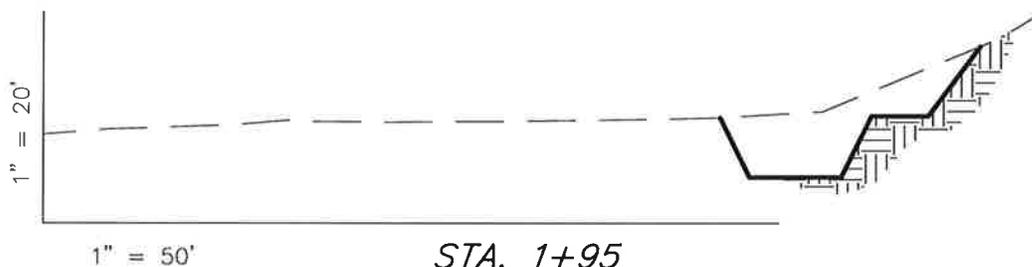
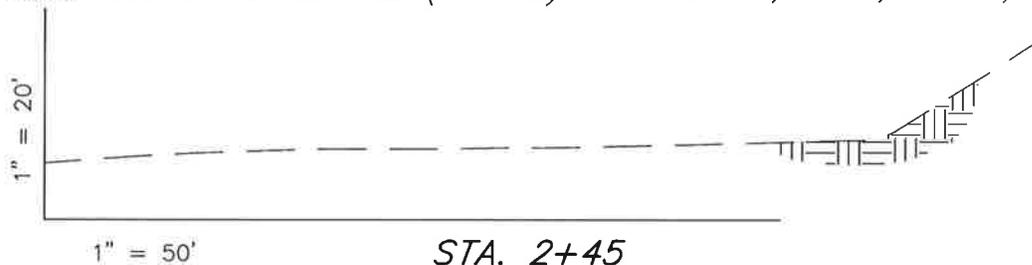
NEWFIELD EXPLORATION COMPANY

CROSS SECTIONS

C-2-9-17 (Proposed Well)

31-2-9-17 (Existing Well)

Pad Location: NWNE (Lot 2) 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	560	30	Topsoil is not included in Pad Cut	530
PIT	690	0		690
TOTALS	1,250	30	340	1,220

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

SURVEYED BY: K.S.	DATE SURVEYED: 03-07-11	VERSION:
DRAWN BY: M.W.	DATE DRAWN: 03-14-11	V1
SCALE: 1" = 50'	REVISED:	

(435) 781-2501

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

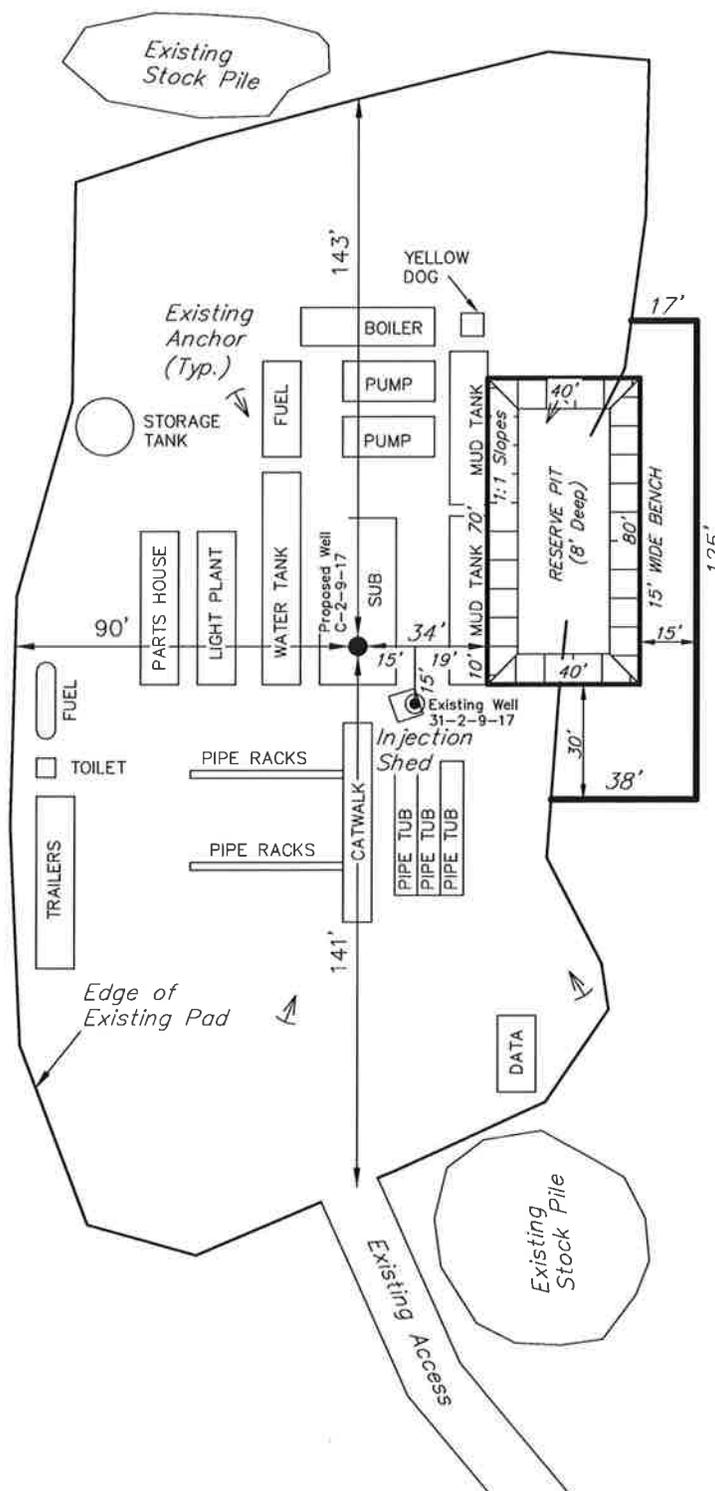
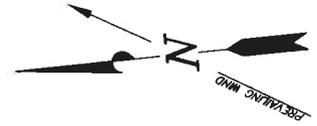
NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT

C-2-9-17 (Proposed Well)

31-2-9-17 (Existing Well)

Pad Location: NWNE (Lot 2) 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: K.S.	DATE SURVEYED: 03-07-11	VERSION:	<p>Tri State Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078</p>	(435) 781-2501
DRAWN BY: M.W.	DATE DRAWN: 03-14-11	V1		
SCALE: 1" = 50'	REVISED:			

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 25, 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)		
43-013-50656	GMBU P-32-8-17	Sec 32 T08S R17E 0500 FSL 0675 FWL BHL Sec 32 T08S R17E 1325 FSL 0100 FWL
43-013-50657	GMBU W-32-8-17	Sec 32 T08S R17E 0773 FSL 1997 FWL BHL Sec 32 T08S R17E 0100 FSL 2614 FWL
43-047-51546	GMBU B-36-8-17	Sec 36 T08S R17E 0770 FNL 2032 FEL BHL Sec 36 T08S R17E 0100 FNL 1400 FEL
43-047-51547	GMBU C-36-8-17	Sec 36 T08S R17E 0768 FNL 2054 FEL BHL Sec 36 T08S R17E 0100 FNL 2629 FEL
43-047-51548	GMBU D-36-8-17	Sec 36 T08S R17E 0668 FNL 1987 FWL BHL Sec 36 T08S R17E 0100 FNL 1320 FWL
43-013-50658	GMBU O-32-8-17	Sec 32 T08S R17E 1923 FNL 0555 FWL BHL Sec 32 T08S R17E 2595 FSL 0100 FWL
43-047-51549	GMBU B-2-9-17	Sec 02 T09S R17E 0634 FNL 0643 FEL BHL Sec 02 T09S R17E 0100 FNL 1235 FEL
43-047-51550	GMBU J-2-9-17	Sec 02 T09S R17E 0650 FNL 0658 FEL BHL Sec 02 T09S R17E 1330 FNL 0100 FEL

RECEIVED: Jun. 08, 2011

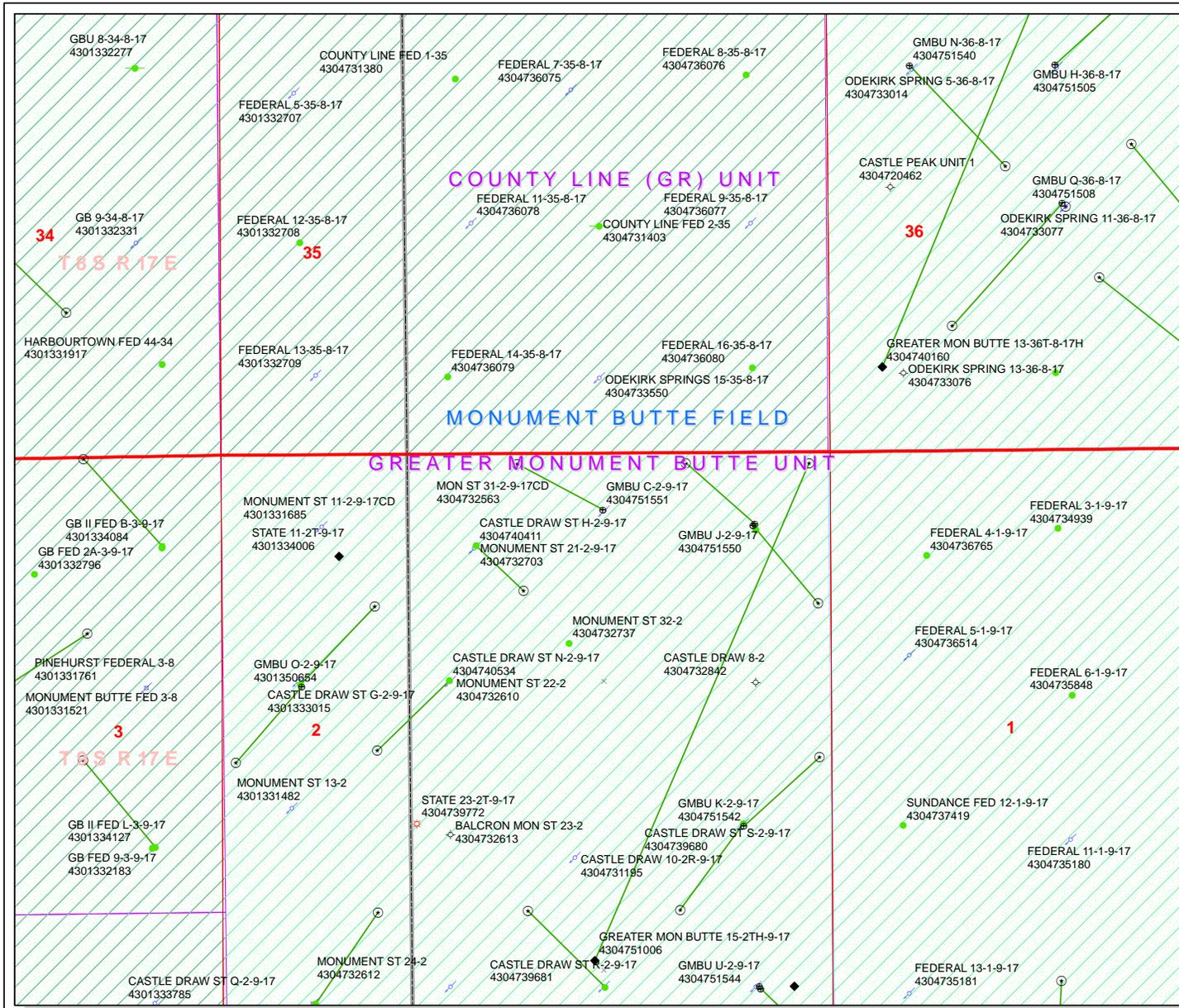
API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-047-51551	GMBU C-2-9-17	Sec 02 T09S R17E 0502 FNL 1961 FEL BHL Sec 02 T09S R17E 0100 FNL 2575 FWL

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: 2011.03.25 09:53:50 -0600

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

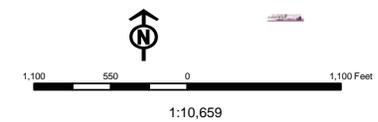
MCoulthard:mc:3-25-11



API Number: 4304751551
Well Name: GMBU C-2-9-17
 Township T0.9 . Range R1.7 . Section 02
 Meridian: SLBM
 Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
 Map Produced by Diana Mason

Units STATUS	Wells Query Status
ACTIVE	APD - Approved Permit
EXPLORATORY	DRL - Spudded (Drilling Commenced)
GAS STORAGE	GIW - Gas Injection
NF PP OIL	GS - Gas Storage
NF SECONDARY	LA - Location Abandoned
PI OIL	LOC - New Location
PP GAS	OPS - Operation Suspended
PP GEOTHERMAL	PA - Plugged Abandoned
PP OIL	PGW - Producing Gas Well
SECONDARY	POW - Producing Oil Well
TERMINATED	RET - Returned APD
Unknown	SGW - Shut-in Gas Well
ABANDONED	SOW - Shut-in Oil Well
ACTIVE	TA - Temp. Abandoned
COMBINED	TW - Test Well
INACTIVE	WDW - Water Disposal
STORAGE	WIW - Water Injection Well
TERMINATED	WSW - Water Supply Well
Sections	
Township	





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

Surface Hole: T9S-R17E Section 2: NWNE (ML-45555)
502' FNL 1961' FEL

At Target: T9S-R17E Section 2: NENW (ML-45555)
100' FNL 2575' FWL

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 3/24/11, 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 that reads "Shane Gillespie".

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	
1B. 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 C-2-9-17	
3. ADDRESS OF OPERATOR Route #3, Box 3630 Myton UT 84052			PHONE NUMBER (435) 646-3721	10. FIELD AND POOL, OR WLD CAT Monument Butte	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE NW/NE 502' FNL 1961' FEL Sec. 2 T9S R17E AT PROPOSED PRODUCING ZONE: NE/NW 100' FNL 2575' FWL Sec. 2 T9S R17E				11. QTR/QTR, SECTION, TOWNSHIP, RANGE MERIDIAN: NWNE 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. 1125'		19. PROPOSED DEPTH 7,079		20. BOND DESCRIPTION: #B001834	
21. ELEVATIONS (SHOW WHETHER OF, RT, GR, ETC.): 5006' GL		22. APPROXIMATE DATE WORK WILL START <i>2nd Qtr. 2011</i>		23. ESTIMATED DURATION (15) days from SPUD to rig release	

24. 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	7,079	Lead(Prem Lite II)	275 sx +/-	3.26 11.0
					Tail (50/50 Poz)	450 sx +/-	1.24 14.3

25. 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 3/24/11

(This space for State use only)

API NUMBER ASSIGNED _____

APPROVAL _____

(See Instructions on Reverse Side)

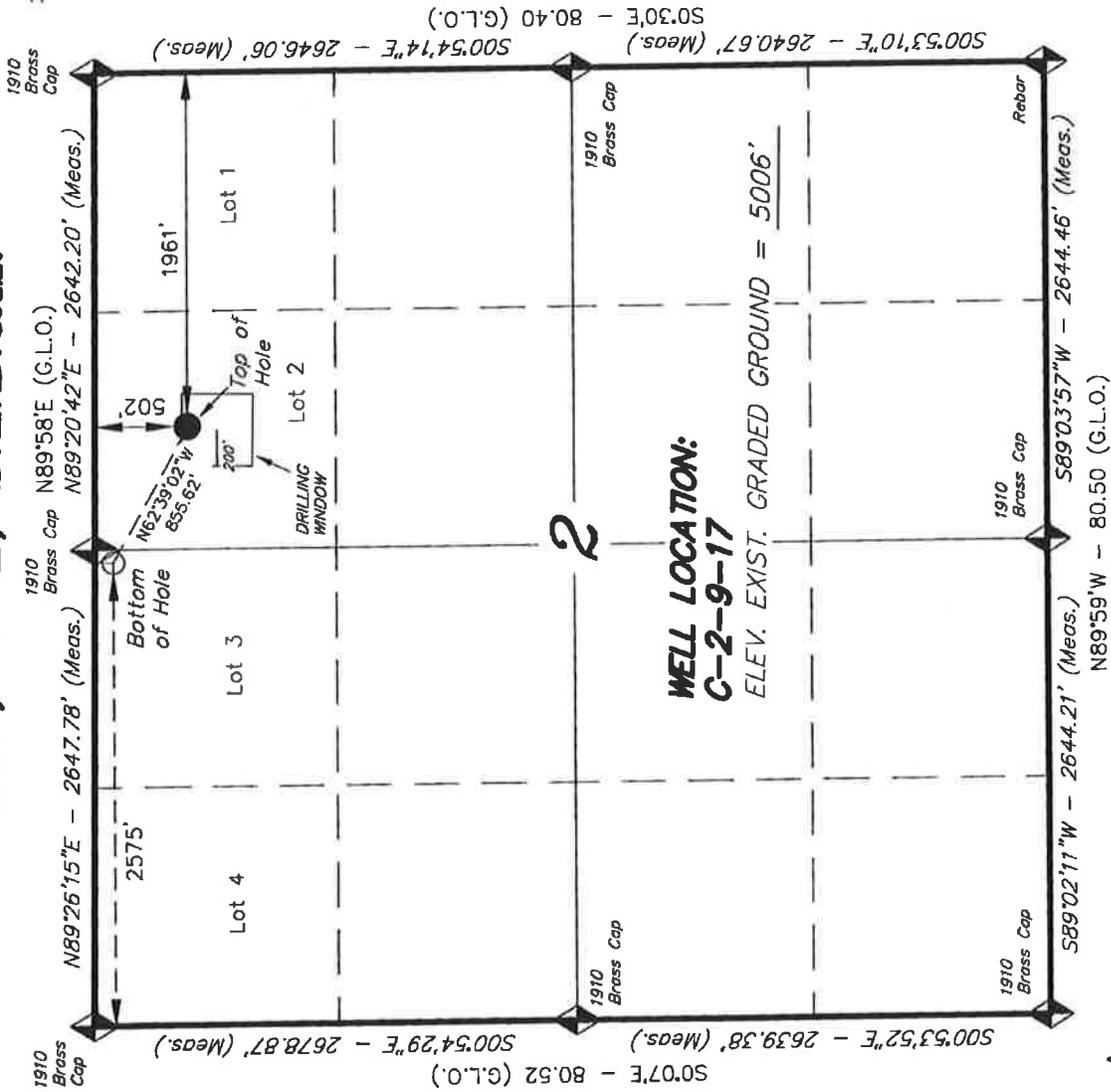
RECEIVED: Jun. 08, 2011

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

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, C-2-9-17, LOCATED AS SHOWN IN THE NW 1/4 NE 1/4 (LOT 2) OF SECTION 2, T9S, R17E, S.L.B.&M. UINTAH COUNTY, UTAH.

TARGET BOTTOM HOLE, C-2-9-17, LOCATED AS SHOWN IN THE NE 1/4 NW 1/4 (LOT 3) 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' FNL & 2575' FWL.

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

STACY W. STEWART
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 15152
 STATE OF UTAH
 EXPIRES 03-15-11

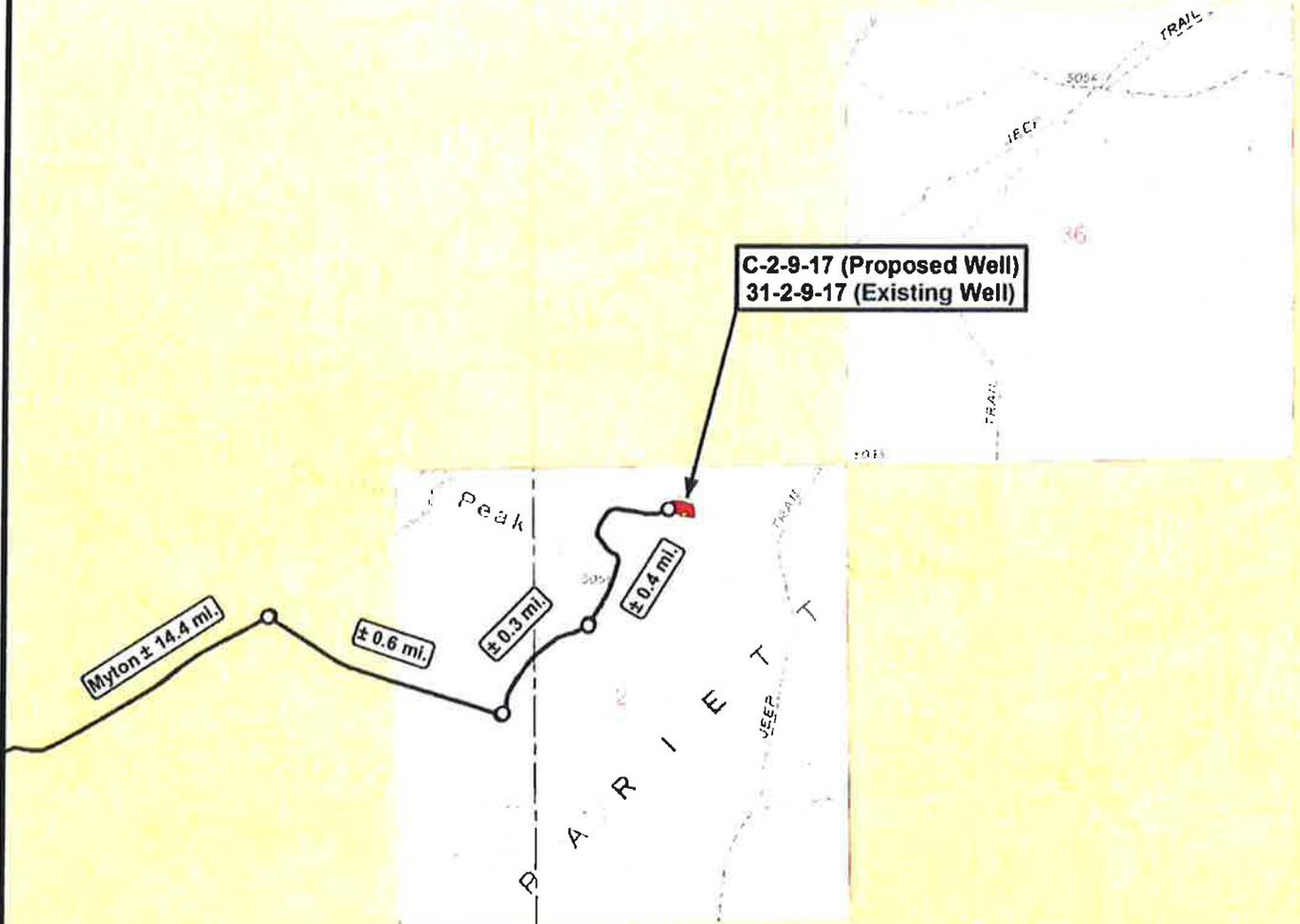
TRI STATE LAND SURVEYING & CONSULTING
 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
 (435) 781-2501

DATE SURVEYED: 03-07-11	SURVEYED BY: K.S.	VERSION:
DATE DRAWN: 03-12-11	DRAWN BY: M.W.	V1
REVISED:	SCALE: 1" = 1000'	

C-2-9-17
 (Surface Location) **NAD 83**
 LATITUDE = 40° 03' 57.02"
 LONGITUDE = 109° 58' 16.96"

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



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

C-2-9-17 (Proposed Well)
31-2-9-17 (Existing Well)
 SEC. 2, T9S, R17E, S.L.B.&M.
 Uintah County, UT.

DRAWN BY:	J.A.S.	REVISED:	VERSION:
DATE:	03-14-2011		V1
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: 5/12/2011 10:02 AM
Subject: Newfield APD approvals

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

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

4301350649 GMBU I-32-8-17
4304751540 GMBU N-36-8-17
4301350658 GMBU O-32-8-17
4301350659 State 3-36-9-16H
4304751549 GMBU B-2-9-17
4304751550 GMBU J-2-9-17
4304751551 GMBU C-2-9-17
4301350673 GMBU S-2-9-15
4301350674 GMBU V-2-9-15
4301350690 GMBU J-32-8-17

On existing pad, requiring no new surface disturbance. Arch and paleo not required.
4304751553 GMBU D-2-9-17

-Jim Davis

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

Well Name	NEWFIELD PRODUCTION COMPANY GMBU C-2-9-17 43047			
String	Surf	Prod		
Casing Size(")	8.625	5.500		
Setting Depth (TVD)	300	6940		
Previous Shoe Setting Depth (TVD)	0	300		
Max Mud Weight (ppg)	8.3	8.4		
BOPE Proposed (psi)	500	5000		
Casing Internal Yield (psi)	2950	4810		
Operators Max Anticipated Pressure (psi)	3005	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=	3031	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2198	YES <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1504	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)=	1570	NO <input type="checkbox"/> Reasonable for area
Required Casing/BOPE Test Pressure=		3367	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

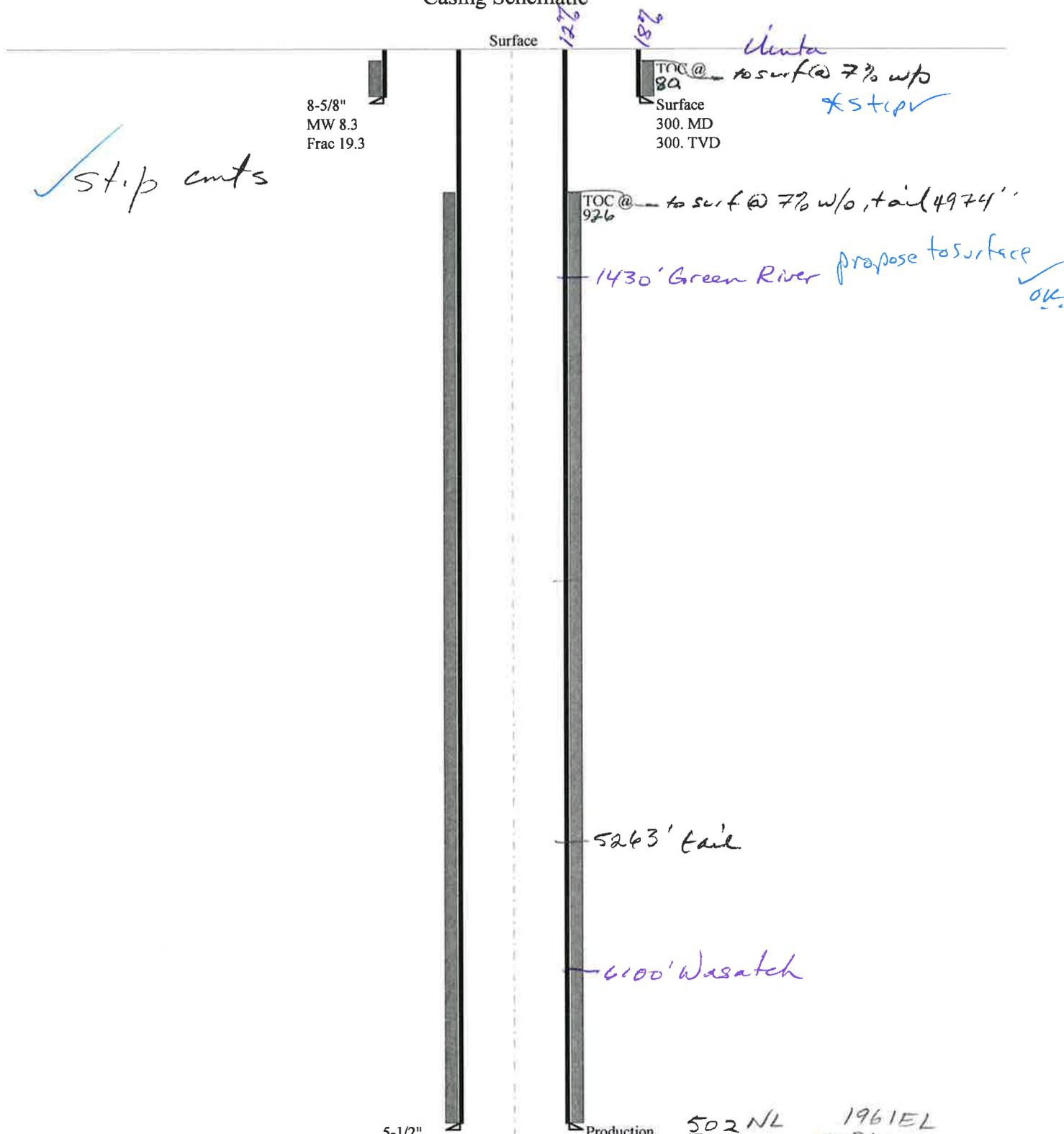
Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO <input type="checkbox"/>
			*Can Full Expected Pressure 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: 43047515510000

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

43047515510000 GMBU C-2-9-17

Casing Schematic



step cuts

8-5/8"
MW 8.3
Frac 19.3

TOC @ 82 to surface @ 7% w/p
Surface
300. MD
300. TVD
*step ✓

TOC @ 926 to surface @ 7% w/p, tail 4974'

1430' Green River propose to surface ✓
OK.

5263' tail

6100' Wasatch

5-1/2"
MW 8.4

Production
6999MD
6940. TVD

502 NL	1961 EL
393	-760
109 FNL	2721
	5290
	2569 FWL ✓ OK.

NE NW sec 2 - 9S-17E

Well name:	43047515510000 GMBU C-2-9-17		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Surface	Project ID:	43-047-51551
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: 61 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: 6,939 ft
 Next mud weight: 8.400 ppg
 Next setting BHP: 3,028 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	1544
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	10.557	300	2950	9.83	7.2	244	33.90 J

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

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

Date: May 25, 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:	43047515510000 GMBU C-2-9-17		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Production		Project ID: 43-047-51551
Location:	UINTAH COUNTY		

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 171 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 850 ft

Burst

Max anticipated surface pressure: 1,502 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 3,028 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)

Directional well information:

Kick-off point 600 ft
Departure at shoe: 856 ft
Maximum dogleg: 1.5 °/100ft
Inclination at shoe: 8.02 °

Tension is based on air weight.
Neutral point: 6,108 ft

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	6999	5.5	15.50	J-55	LT&C	6940	6999	4.825	24713
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	3028	4040	1.334	3028	4810	1.59	107.6	217	2.02 J

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

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

Date: June 7, 2011
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 6940 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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 C-2-9-17
API Number 43047515510000 **APD No** 3589 **Field/Unit** MONUMENT BUTTE
Location: 1/4,1/4 NWNE **Sec 2 Tw 9.0S Rng 17.0E** 502 FNL 1961 FEL
GPS Coord (UTM) 587784 4435368 **Surface Owner**

Participants

Floyd Bartlett (DOGM), Tim Eaton (Newfield), Jim Davis (SITLA) and Ben Williams (UDWR).

Regional/Local Setting & Topography

The proposed GMBU C-2-9-17 oil well will be directional drilled from the existing pad of the existing Castle Draw State 31-2-9-17 enhanced recovery injection well. The area is designated for 20 acre spacing. No changes will be made to the existing pad. Some re-leveling may be needed. A steep rocky, ledge hillside exists to the south. Some flow from this hillside is entering the pad. A diversion ditch should be constructed along the hillside immediately under the ledge or steep side hill outside the pad channeling the flows to the east. A reserve pit will be re-dug in approximately the previous location. Produced oil will be piped to another site.

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

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 N

Flora / Fauna

Soil Type and Characteristics

Erosion Issues Y

A steep rocky, ledge hillside exists to the south. Some flow from this hillside is entering the pad.

Sedimentation Issues Y

A steep rocky, ledge hillside exists to the south. Some flow from this hillside is entering the pad.

Site Stability Issues N

Drainage Diversion Required?

A diversion ditch should be constructed along the hillside immediately under the ledge or steep side hill outside the pad channeling the flows to the east.

Berm Required? Y

Erosion Sedimentation Control Required? Y

A diversion ditch should be constructed along the hillside immediately under the ledge or steep side hill outside the pad channeling the flows to the east.

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

Reserve Pit

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

Characteristics / Requirements

A reserve pit will be re-dug in the original location on the south side. Its dimensions are 80' x 40' x 8' deep. A 16 mil liner with a sub-liner is required.

Closed Loop Mud Required? N Liner Required? Liner Thickness 30 Pit Underlayment Required? Y

Other Observations / Comments

Floyd Bartlett
Evaluator

4/6/2011
Date / Time

Application for Permit to Drill Statement of Basis

6/8/2011

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
3589	43047515510000	LOCKED	OW	S	No
Operator	NEWFIELD PRODUCTION COMPANY		Surface Owner-APD		
Well Name	GMBU C-2-9-17		Unit	GMBU (GRRV)	
Field	MONUMENT BUTTE		Type of Work	DRILL	
Location	NWNE 2 9S 17E S 502 FNL 1961 FEL		GPS Coord (UTM)	587776E	4435367N

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

4/28/2011
Date / Time

Surface Statement of Basis

The proposed GMBU C-2-9-17 oil well will be directional drilled from the existing pad of the existing Castle Draw State 31-2-9-17 enhanced recovery injection well. The area is designated for 20 acre spacing. No changes will be made to the existing pad. Some re-leveling may be needed. A steep rocky, ledge hillside exists to the south. Some flow from this hillside is entering the pad. A diversion ditch should be constructed along the hillside immediately under the ledge or steep side hill outside the pad channeling the flows to the east. A reserve pit will be re-dug in approximately the previous location. Produced oil will be piped to another site.

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

SITLA owns the surface and the minerals. Mr. Jim Davis of SITLA attended the evaluation and had no concerns. Mr. Ben Williams of the UDWR also attended and had no recommendations for wildlife.

Floyd Bartlett
Onsite Evaluator

4/6/2011
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 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: 3/24/2011**API NO. ASSIGNED:** 43047515510000**WELL NAME:** GMBU C-2-9-17**OPERATOR:** NEWFIELD PRODUCTION COMPANY (N2695)**PHONE NUMBER:** 435 646-4825**CONTACT:** Mandie Crozier**PROPOSED LOCATION:** NWNE 02 090S 170E**Permit Tech Review:** **SURFACE:** 0502 FNL 1961 FEL**Engineering Review:** **BOTTOM:** 0100 FNL 2575 FWL**Geology Review:** **COUNTY:** UINTAH**LATITUDE:** 40.06588**LONGITUDE:** -109.97075**UTM SURF EASTINGS:** 587776.00**NORTHINGS:** 4435367.00**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 - 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
 8 - Cement to Surface -- 2 strings - ddoucet
 15 - Directional - dmason
 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 C-2-9-17
API Well Number: 43047515510000
Lease Number: ML-45555
Surface Owner: STATE
Approval Date: 6/8/2011

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.

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).

Cement volumes for the 8 5/8" and 5 1/2" casing strings shall be determined from actual hole diameters in order to place cement from the pipe setting depths back to the surface.

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/# 29 Submitted By Britt Stubbs Phone Number 435-823-0096
Well Name/Number GMBU C-2-9-17
Qtr/Qtr NW/NE Section 2 Township 9S Range 17E
Lease Serial Number ML-45555
API Number 43-047-51551

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

Date/Time 7/14/11 9:00 AM PM

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

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

Date/Time 7/14/11 3:00 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
 DIVISION OF OIL, GAS AND MINING
 ENTITY ACTION FORM -FORM 6

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

OPERATOR ACCT. NO. **N2695**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	17400	4301350653	GMBU V-32-8-16	SESE	32	8S	16E	DUCHESNE	7/21/2011	7/28/11
WELL 1 COMMENTS: <i>GRRV</i> <i>BHL = SESE</i>											
A	99999	18148	4301350786	PADILLA #1-18-3-2	NENE	18	3S	2W	DUCHESNE	7/6/2011	7/28/11
<i>WSTC</i> CONFIDENTIAL											
A	99999	18149	4301350833	MURPHY #2-31-3-2	NWNE	31	3S	2W	DUCHESNE	7/21/2011	7/28/11
<i>WSTC</i> CONFIDENTIAL											
A	99999	18150	4304751311	UTE TRIBAL 1-9-4-1E	NENE	9	4S	1E	UINTAH	7/5/2011	7/28/11
<i>GRRV</i>											
B	99999	17400	4304751551	GMBU C-2-9-17	NWNE	2	9S	17E	UINTAH	7/14/2011	7/28/11
<i>GRRV</i> <i>BHL = NENW</i>											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

ACTION CODES (See instructions on back of form)

- A - 1 new entity for new well (single well only)
- B - 1 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 - other (explain in comments section)

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

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DIV. OF OIL, GAS & MINING

Signature *[Signature]* **Jentri Park**
 Production Clerk **07/27/11**

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

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

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4304751551

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: 0502 FNL 1961 FEL

COUNTY: UINTAH

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

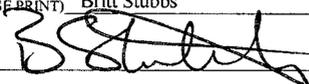
STATE: UT

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"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 07/22/2011	<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 7/15/11 MIRU Ross #21. Spud well @12:30 PM. Drill 726' of 12 1/4" hole with air mist. TIH W/ 16 Jt's 8 5/8" J-55 24# csgn. Set @ 728.74'KB. On 7/20/11 cement with 350 sks of class "G" w/ 2% CaCL2 + 0.25#/sk Cello- Flake Mixed @ 15.8ppg w/ 1.17ft3/sk yield. Returned 7 barrels cement to pit. WOC.

NAME (PLEASE PRINT) Britt Stubbs
SIGNATURE 

TITLE Spud Rig Foreman
DATE 07/22/2011

(This space for State use only)

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DIV. OF OIL, GAS & MINING



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

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

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

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

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4304751551

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: 0502 FNL 1961 FEL

COUNTY: UINTAH

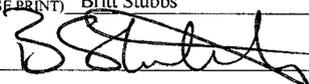
OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: , 2, T9S, R17E

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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 07/22/2011	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Spud Notice
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
On 7/15/11 MIRU Ross #21. Spud well @12:30 PM. Drill 726' of 12 1/4" hole with air mist. TIH W/ 16 Jt's 8 5/8" J-55 24# csgn. Set @ 728.74'KB. On 7/20/11 cement with 350 sks of class "G" w/ 2% CaCL2 + 0.25#/sk Cello- Flake Mixed @ 15.8ppg w/ 1.17ft3/sk yield. Returned 7 barrels cement to pit. WOC.

NAME (PLEASE PRINT) Britt Stubbs TITLE Spud Rig Foreman
SIGNATURE  DATE 07/22/2011

(This space for State use only)

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DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-45555
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: GMBU C-2-9-17
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43047515510000
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: 0502 FNL 1961 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE 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"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 9/7/2011	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <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 checked="" 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"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER <input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above well was completed on 09/07/2011. 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 10/7/2011

Daily Activity Report

Format For Sundry

GMBU C-2-9-17

7/1/2011 To 11/30/2011

8/22/2011 Day: 1

Completion

Rigless on 8/22/2011 - Run CBL & shoot first stage. - NU 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6099' cement top @ 29'. Perforate CP2/CP1 sds as shown in perforation report. 146 BWTR. SWIFN.

Daily Cost: \$0

Cumulative Cost: \$23,074

8/31/2011 Day: 2

Completion

Rigless on 8/31/2011 - Frac well as detailed in stimulation report - RU PSI Wireline. Set CFTP and perf B2/B1/C as detailed in perforation report. (STAGE 2) - RU Baker Hughes frac B2/B1/C. Frac as detailed in stimulation report. 1008.4 BWTR (STAGE 2) - RU PSI Wireline. Set CFTP and perf D2/D1/DS3 as detailed in perforation report. (STAGE 3) - RU Baker Hughes frac CP2/CP1. Frac as detailed in stimulation report. 580 BWTR (STAGE 1) - RU Baker Hughes frac B2/B1/C. Frac as detailed in stimulation report. 2356 BWTR (STAGE 3) - RU Baker Hughes frac GB2/GB6. Frac as detailed in stimulation report. Flowed back 720 BW. 2054 BWTR (STAGE 4) - RU PSI Wireline. Set CFTP and perf GB2/GB6 as detailed in perforation report. (STAGE 4)

Daily Cost: \$0

Cumulative Cost: \$122,779

9/2/2011 Day: 3

Completion

Nabors #1608 on 9/2/2011 - MIRU RIH with chomp bit - Rig down and load out equipment. Clean location. Pretrip inspection. - Nipple down frac BOPS. Nipple up Nabors BOPS. Rig up workfloor and equipment. Unload 202 JTS 2 7/8" J-55 tubing off pipe trailer. - Rig travel 6.3 miles to C-2-9-17. Wait on wireline to rig down and move. Set Kill plug at 4080. MIRU rig and equipment. Bleed off well. Spot pump and tanks. - Prep and tally tubing. Pick up, make up and RIH with new 4 3/4" chomp bit. PSN and JTS 2 7/8" J-55 tubing to tag 4080'. Lay down 1 JT. Rig up power swivel and pump lines. Make connection. SWIFN. EOT @ 4065.

Daily Cost: \$0

Cumulative Cost: \$133,112

9/6/2011 Day: 4

Completion

Nabors #1608 on 9/6/2011 - Drilled out plugs, made swab runs, and flowed well over weekend - 0 PSI on well - break circulation and mill plug #1 in 20 min. Swivel into plug #2 and tag @ 4470' - no sand - mill in 25 min. - Swivel into plug #3 and tag @ 4920' - No sand - mill in 25 min. - Swivel into plug #4 and tag @ 5206' - Wash thru 14' sand to plug #4 @ 5220' - mill in 25 minutes. Hang swivel and RIH with tubing to tag @ 6017' - Rig up swivel and break circulation. Wash through 196' sand to PBDT @ 6136' - circulae well clean. Rig down Swivel - TOOH with 4 JTS 2 7/8" J-55 tubing - EOT @ 6006' - Rig up swab lube. Well flowing. Flowed back 60 BW. Starting fluid level @ surface - make 4 swab runs and bring back 54 BW. Well started flowing again - flow back 130 BLS oil and water to flat tank. Wait on choke and pumper. Rig up tubing to flow up casing over weekend. Shut casing in and leave tubing open

RECEIVED Oct. 07, 2011

down flowline on a 20 choke. Make sure well is secure.

Daily Cost: \$0

Cumulative Cost: \$140,988

9/7/2011 Day: 5

Completion

Nabors #1608 on 9/7/2011 - Land tubing and RIH with rods as detailed in rod design - SICP 300 PSI. Tubing Flowing @ 200 psi. Bleed off casing to flat tank. Pump 40 bbls of brine down tubing to kill. - SICP 300 PSI. Tubing Flowing @ 200 psi. Bleed off casing to flat tank. Pump 40 bbls of brine down tubing to kill. - RIH with 4 JTs tubing to tag @ 6136. No new fill. Circulate well with 222 bbls of brine to kill - RIH with 4 JTs tubing to tag @ 6136. No new fill. Circulate well with 222 bbls of brine to kill - TOO H with 4 JTs to make up bottom hole assembly. TOO H with 183 JTs 2 7/8" J-55 tubing. Lay down Bit, Bit sub and power swivel. - TOO H with 4 JTs to make up bottom hole assembly. TOO H with 183 JTs 2 7/8" J-55 tubing. Lay down Bit, Bit sub and power swivel. - Hang horse head. Rig down and move to next location. PWOP. Note: 4 pers where run instead of 8 pers on the top 2000 feet of well - RIH with notched collar, 2 JTs, seat nipple, 1 JT, tubing anchor, 184 JTs 2 7/8" J-55 tubing. - Set tubing anchor on floor with tongs. Tie back single fast. Rig down work floor and equipment. Nipple down BOPS. Pick up and make up tubing hanger and land well on hanger with 18,000# tension. Nipple up B-1 adaptor and production tree. Cross over to rods. Tie back double fast. Spot in rod trailer. - Set tubing anchor on floor with tongs. Tie back single fast. Rig down work floor and equipment. Nipple down BOPS. Pick up and make up tubing hanger and land well on hanger with 18,000# tension. Nipple up B-1 adaptor and production tree. Cross over to rods. Tie back double fast. Spot in rod trailer. - Pick up and prime new pump. RIH with 2 1/2" x 1 3/4" central hydraulics pump, 5 1/2" Weight bars with stabilizer subs, 145 3/4" guide rods, 76 7/8" guide rods, and 1 2' 7/8" pony rods. Pick up polish rod and seat pump. Tubing full. Stroke test to 800 psi with rig, good test. Leave flowline open on both sides. Unit not running. Hang head in morning. - Pick up and prime new pump. RIH with 2 1/2" x 1 3/4" central hydraulics pump, 5 1/2" Weight bars with stabilizer subs, 145 3/4" guide rods, 76 7/8" guide rods, and 1 2' 7/8" pony rods. Pick up polish rod and seat pump. Tubing full. Stroke test to 800 psi with rig, good test. Leave flowline open on both sides. Unit not running. Hang head in morning. - Hang horse head. Rig down and move to next location. PWOP. Note: 4 pers where run instead of 8 pers on the top 2000 feet of well - RIH with notched collar, 2 JTs, seat nipple, 1 JT, tubing anchor, 184 JTs 2 7/8" J-55 tubing. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$152,432

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

RECEIVED Oct. 07, 2011

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
ML-45555

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

6. If Indian, Allottee or Tribe Name

Other: _____

7. Unit or CA Agreement Name and No.
GMBU

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

8. Lease Name and Well No.
GMBU C-2-9-17

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

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

9. AFI Well No.
43-047-51551

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

At surface 502' FNL & 1961' FEL (NW/NE) SEC. 2, T9S, R17E (ML-45555)

At top prod. interval reported below 263' FNL & 2426' FEL (NW/NE) SEC. 2, T9S, R17E (ML-45555)

At total depth 112' FNL & 2568' FWL (NE/NW) SEC. 2, T9S, R17E (ML-45555) *bhl by HSM*

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

UINTAH

13. State

UT

14. Date Spudded
07/15/2011

15. Date T.D. Reached
08/11/2011

16. Date Completed 09/07/2011
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5006' GL 5018' KB

18. Total Depth: MD 6182'
TVD 6111'

19. Plug Back T.D.: MD 6136'
TVD *6025*

20. Depth Bridge Plug Set: MD
TVD

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

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

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	726'		350 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6183'		260 PRIMLITE		29'	
						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@ 5834'	TA @ 5736'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	4143'	5756'	5711-5756'	.36"	21	
B)			4143-5128'	.34"	72	
C)						
D)						

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

Depth Interval	Amount and Type of Material
4143-5756'	Frac w/ 335085#'s 20/40 sand in 2093 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
9/7/11	9/17/11	24	→	41	8	17			2-1/2" x 1-3/4" x 20' x 21' x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

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

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*(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.)

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	4143'	5756'		GARDEN GULCH MRK	3802'
				GARDEN GULCH 1	3983'
				GARDEN GULCH 2	4104'
				POINT 3	4367'
				X MRKR	4598'
				Y MRKR	4636'
DOUGLAS CREEK MRK	4774'	5023'	BI CARBONATE MRK		
B LIMESTON MRK	5165'	5603'	CASTLE PEAK		
BASAL CARBONATE	6027'	6146'	WASATCH		

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 10/17/2011

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.

NEWFIELD



NEWFIELD EXPLORATION

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

Wellbore #1

Design: Actual

Standard Survey Report

15 August, 2011



PayZone Directional Services, LLC.

Survey Report



Company:	NEWFIELD EXPLORATION	Local Co-ordinate Reference:	Well C-2-9-17
Project:	USGS Myton SW (UT)	TVD Reference:	C-2-9-17 @ 5018.0ft (Newfield Rig #2)
Site:	SECTION 2 T9S, R17E	MD Reference:	C-2-9-17 @ 5018.0ft (Newfield Rig #2)
Well:	C-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	C-2-9-17, SHL LAT: 40 03 57.02 LONG: -109 58 16.96					
Well Position	+N/-S	0.0 ft	Northing:	7,196,361.33 ft	Latitude:	40° 3' 57.020 N
	+E/-W	0.0 ft	Easting:	2,068,207.83 ft	Longitude:	109° 58' 16.960 W
Position Uncertainty	0.0 ft	Wellhead Elevation:	5,018.0 ft	Ground Level:	5,006.0 ft	

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2011/03/23	11.31	65.84	52,321

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	297.35	

Survey Program	Date	2011/08/15			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
757.0	6,182.0	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	
C-2-9-17 NO GO ZONE										
757.0	1.80	213.00	756.9	-10.0	-6.5	1.2	0.24	0.24	0.00	
788.0	1.80	200.10	787.9	-10.8	-6.9	1.2	1.30	0.00	-41.61	
818.0	1.60	204.70	817.8	-11.7	-7.2	1.1	0.81	-0.67	15.33	
849.0	1.30	219.70	848.8	-12.3	-7.7	1.1	1.55	-0.97	48.39	
880.0	0.90	266.10	879.8	-12.6	-8.1	1.4	3.04	-1.29	149.68	
912.0	1.00	303.90	911.8	-12.5	-8.6	1.9	1.95	0.31	118.13	
944.0	1.50	318.60	943.8	-12.0	-9.1	2.6	1.84	1.56	45.94	
976.0	2.10	316.90	975.8	-11.3	-9.8	3.5	1.88	1.88	-5.31	
1,007.0	2.50	310.80	1,006.8	-10.4	-10.7	4.7	1.51	1.29	-19.68	
1,039.0	2.90	305.20	1,038.7	-9.5	-11.9	6.2	1.50	1.25	-17.50	
1,071.0	3.40	301.80	1,070.7	-8.5	-13.3	7.9	1.67	1.56	-10.63	



PayZone Directional Services, LLC.

Survey Report



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

Local Co-ordinate Reference: Well C-2-9-17
TVD Reference: C-2-9-17 @ 5018.0ft (Newfield Rig #2)
MD Reference: C-2-9-17 @ 5018.0ft (Newfield Rig #2)
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)
1,102.0	3.90	298.40	1,101.6	-7.5	-15.1	9.9	1.76	1.61	-10.97
1,134.0	4.40	298.70	1,133.5	-6.4	-17.1	12.2	1.56	1.56	0.94
1,166.0	5.00	300.20	1,165.4	-5.1	-19.4	14.8	1.91	1.88	4.69
1,198.0	5.40	302.70	1,197.3	-3.6	-21.8	17.7	1.44	1.25	7.81
1,229.0	5.80	302.00	1,228.2	-2.0	-24.4	20.8	1.31	1.29	-2.26
1,261.0	6.30	299.60	1,260.0	-0.3	-27.3	24.1	1.75	1.56	-7.50
1,292.0	6.70	298.20	1,290.8	1.4	-30.4	27.6	1.39	1.29	-4.52
1,324.0	7.10	297.00	1,322.6	3.2	-33.8	31.5	1.33	1.25	-3.75
1,356.0	7.50	298.00	1,354.3	5.1	-37.4	35.5	1.31	1.25	3.13
1,387.0	8.00	299.10	1,385.0	7.1	-41.1	39.7	1.68	1.61	3.55
1,419.0	8.40	302.10	1,416.7	9.4	-45.0	44.3	1.83	1.25	9.38
1,451.0	8.80	304.10	1,448.3	12.0	-49.0	49.0	1.56	1.25	6.25
1,482.0	9.10	305.00	1,478.9	14.8	-53.0	53.8	1.07	0.97	2.90
1,514.0	9.50	305.30	1,510.5	17.7	-57.2	58.9	1.26	1.25	0.94
1,546.0	9.60	304.20	1,542.1	20.8	-61.5	64.2	0.65	0.31	-3.44
1,578.0	9.50	303.00	1,573.6	23.7	-66.0	69.5	0.70	-0.31	-3.75
1,609.0	9.60	302.70	1,604.2	26.5	-70.3	74.6	0.36	0.32	-0.97
1,641.0	9.80	301.70	1,635.7	29.4	-74.9	80.0	0.82	0.63	-3.13
1,673.0	10.10	300.70	1,667.3	32.2	-79.6	85.5	1.08	0.94	-3.13
1,705.0	10.60	299.70	1,698.7	35.1	-84.6	91.2	1.66	1.56	-3.13
1,736.0	10.60	299.00	1,729.2	37.9	-89.5	96.9	0.42	0.00	-2.26
1,768.0	10.20	297.20	1,760.7	40.6	-94.6	102.7	1.61	-1.25	-5.63
1,800.0	9.90	295.70	1,792.2	43.1	-99.6	108.3	1.24	-0.94	-4.69
1,831.0	10.20	296.30	1,822.7	45.5	-104.5	113.7	1.02	0.97	1.94
1,863.0	10.60	297.10	1,854.2	48.1	-109.6	119.5	1.33	1.25	2.50
1,895.0	10.40	299.90	1,885.7	50.9	-114.8	125.3	1.71	-0.63	8.75
1,926.0	9.80	299.40	1,916.2	53.6	-119.5	130.7	1.96	-1.94	-1.61
1,958.0	9.80	298.60	1,947.7	56.2	-124.2	136.2	0.43	0.00	-2.50
1,990.0	10.20	298.80	1,979.2	58.9	-129.1	141.7	1.25	1.25	0.63
2,022.0	10.30	298.90	2,010.7	61.6	-134.1	147.4	0.32	0.31	0.31
2,053.0	10.60	299.00	2,041.2	64.3	-139.0	153.0	0.97	0.97	0.32
2,085.0	11.00	299.40	2,072.6	67.3	-144.3	159.0	1.27	1.25	1.25
2,117.0	11.00	298.00	2,104.1	70.2	-149.6	165.1	0.83	0.00	-4.38
2,148.0	10.70	296.90	2,134.5	72.9	-154.8	171.0	1.18	-0.97	-3.55
2,180.0	10.50	298.80	2,166.0	75.6	-160.0	176.9	1.26	-0.63	5.94
2,211.0	11.10	296.20	2,196.4	78.3	-165.2	182.7	2.49	1.94	-8.39
2,243.0	11.40	297.50	2,227.8	81.1	-170.7	188.9	1.23	0.94	4.06
2,275.0	11.30	296.00	2,259.2	84.0	-176.3	195.2	0.97	-0.31	-4.69
2,307.0	11.00	295.70	2,290.6	86.7	-181.9	201.4	0.95	-0.94	-0.94
2,338.0	10.70	295.40	2,321.0	89.2	-187.2	207.2	0.98	-0.97	-0.97
2,370.0	10.40	296.00	2,352.5	91.7	-192.5	213.1	1.00	-0.94	1.88
2,402.0	10.30	299.70	2,383.9	94.4	-197.5	218.8	2.10	-0.31	11.56
2,433.0	10.50	303.00	2,414.4	97.3	-202.3	224.4	2.03	0.65	10.65
2,465.0	10.20	303.40	2,445.9	100.5	-207.1	230.1	0.96	-0.94	1.25
2,497.0	9.80	302.40	2,477.4	103.5	-211.8	235.7	1.36	-1.25	-3.13
2,529.0	9.60	302.20	2,509.0	106.4	-216.3	241.0	0.63	-0.63	-0.63
2,560.0	9.50	303.00	2,539.5	109.1	-220.7	246.2	0.54	-0.32	2.58
2,592.0	9.80	304.70	2,571.1	112.1	-225.1	251.5	1.29	0.94	5.31
2,624.0	10.40	305.40	2,602.6	115.3	-229.7	257.0	1.91	1.88	2.19
2,655.0	10.40	304.70	2,633.1	118.6	-234.3	262.6	0.41	0.00	-2.26
2,687.0	9.70	301.20	2,664.6	121.6	-239.0	268.1	2.90	-2.19	-10.94
2,719.0	9.20	298.70	2,696.2	124.2	-243.5	273.4	2.02	-1.56	-7.81
2,750.0	9.00	295.60	2,726.8	126.5	-247.9	278.3	1.71	-0.65	-10.00
2,782.0	9.20	290.90	2,758.4	128.5	-252.5	283.3	2.40	0.63	-14.69



PayZone Directional Services, LLC.

Survey Report



Company:	NEWFIELD EXPLORATION	Local Co-ordinate Reference:	Well C-2-9-17
Project:	USGS Myton SW (UT)	TVD Reference:	C-2-9-17 @ 5018.0ft (Newfield Rig #2)
Site:	SECTION 2 T9S, R17E	MD Reference:	C-2-9-17 @ 5018.0ft (Newfield Rig #2)
Well:	C-2-9-17	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Actual	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)
2,813.0	9.60	288.80	2,788.9	130.2	-257.3	288.4	1.70	1.29	-6.77
2,845.0	9.90	289.20	2,820.5	131.9	-262.4	293.7	0.96	0.94	1.25
2,877.0	9.80	291.50	2,852.0	133.8	-267.6	299.1	1.27	-0.31	7.19
2,908.0	9.80	292.10	2,882.6	135.8	-272.5	304.4	0.33	0.00	1.94
2,939.0	10.30	296.30	2,913.1	138.0	-277.4	309.8	2.86	1.61	13.55
2,971.0	10.50	296.80	2,944.6	140.6	-282.6	315.6	0.69	0.63	1.56
3,003.0	10.30	298.20	2,976.0	143.3	-287.7	321.3	1.01	-0.63	4.38
3,034.0	10.50	299.70	3,006.5	146.0	-292.6	326.9	1.09	0.65	4.84
3,066.0	10.50	301.90	3,038.0	149.0	-297.6	332.8	1.25	0.00	6.88
3,098.0	10.40	303.20	3,069.5	152.1	-302.5	338.5	0.80	-0.31	4.06
3,129.0	10.60	303.20	3,099.9	155.2	-307.2	344.2	0.65	0.65	0.00
3,161.0	10.00	301.00	3,131.4	158.2	-312.1	349.9	2.24	-1.88	-6.88
3,193.0	9.90	298.80	3,162.9	161.0	-316.8	355.4	1.23	-0.31	-6.88
3,224.0	10.40	298.60	3,193.5	163.6	-321.6	360.8	1.62	1.61	-0.65
3,256.0	10.60	299.20	3,224.9	166.4	-326.7	366.7	0.71	0.63	1.88
3,288.0	10.60	299.00	3,256.4	169.3	-331.9	372.6	0.11	0.00	-0.63
3,320.0	10.80	299.80	3,287.8	172.2	-337.1	378.5	0.78	0.63	2.50
3,351.0	10.60	299.30	3,318.3	175.0	-342.1	384.2	0.71	-0.65	-1.61
3,383.0	10.60	298.20	3,349.7	177.9	-347.2	390.1	0.63	0.00	-3.44
3,415.0	10.20	296.80	3,381.2	180.5	-352.4	395.9	1.48	-1.25	-4.38
3,446.0	10.40	295.40	3,411.7	183.0	-357.3	401.5	1.03	0.65	-4.52
3,478.0	10.40	293.90	3,443.2	185.4	-362.6	407.2	0.85	0.00	-4.69
3,510.0	10.40	295.90	3,474.7	187.8	-367.8	413.0	1.13	0.00	6.25
3,541.0	10.70	298.40	3,505.1	190.4	-372.9	418.7	1.77	0.97	8.06
3,573.0	10.70	299.00	3,536.6	193.3	-378.1	424.6	0.35	0.00	1.88
3,605.0	10.60	298.60	3,568.0	196.1	-383.3	430.5	0.39	-0.31	-1.25
3,637.0	10.50	297.20	3,599.5	198.9	-388.4	436.4	0.86	-0.31	-4.38
3,668.0	10.10	295.90	3,630.0	201.3	-393.4	441.9	1.49	-1.29	-4.19
3,700.0	9.90	294.80	3,661.5	203.7	-398.4	447.5	0.86	-0.63	-3.44
3,732.0	9.60	292.40	3,693.0	205.9	-403.4	452.9	1.58	-0.94	-7.50
3,763.0	9.10	292.30	3,723.6	207.8	-408.0	457.9	1.61	-1.61	-0.32
3,795.0	9.10	294.80	3,755.2	209.8	-412.7	462.9	1.24	0.00	7.81
3,827.0	9.30	296.60	3,786.8	212.0	-417.3	468.1	1.10	0.63	5.63
3,858.0	9.70	296.00	3,817.4	214.3	-421.9	473.2	1.33	1.29	-1.94
3,889.0	9.60	296.10	3,847.9	216.6	-426.5	478.4	0.33	-0.32	0.32
3,921.0	9.80	298.10	3,879.5	219.0	-431.3	483.8	1.22	0.63	6.25
3,953.0	10.00	299.90	3,911.0	221.7	-436.2	489.3	1.15	0.63	5.63
3,984.0	10.20	301.30	3,941.5	224.5	-440.8	494.7	1.02	0.65	4.52
4,016.0	9.90	300.40	3,973.0	227.3	-445.6	500.3	1.06	-0.94	-2.81
4,048.0	9.80	299.50	4,004.6	230.1	-450.4	505.7	0.57	-0.31	-2.81
4,080.0	10.10	299.50	4,036.1	232.8	-455.2	511.3	0.94	0.94	0.00
4,111.0	10.60	300.30	4,066.6	235.6	-460.0	516.8	1.68	1.61	2.58
4,143.0	10.30	299.70	4,098.1	238.5	-465.0	522.6	1.00	-0.94	-1.88
4,175.0	10.20	299.40	4,129.5	241.3	-470.0	528.3	0.35	-0.31	-0.94
4,206.0	10.00	298.10	4,160.1	243.9	-474.8	533.7	0.98	-0.65	-4.19
4,238.0	9.60	298.30	4,191.6	246.5	-479.6	539.2	1.25	-1.25	0.63
4,270.0	9.50	298.30	4,223.2	249.0	-484.2	544.5	0.31	-0.31	0.00
4,301.0	8.90	295.90	4,253.8	251.3	-488.6	549.4	2.30	-1.94	-7.74
4,333.0	8.60	296.60	4,285.4	253.4	-493.0	554.3	0.99	-0.94	2.19
4,365.0	8.90	299.00	4,317.0	255.7	-497.3	559.2	1.48	0.94	7.50
4,396.0	9.50	300.40	4,347.6	258.1	-501.6	564.1	2.07	1.94	4.52
4,428.0	9.20	298.60	4,379.2	260.7	-506.1	569.3	1.31	-0.94	-5.63
4,460.0	8.80	295.60	4,410.8	263.0	-510.6	574.3	1.93	-1.25	-9.38
4,491.0	8.30	293.50	4,441.4	264.9	-514.8	578.9	1.90	-1.61	-6.77

Survey Report

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

Local Co-ordinate Reference: Well C-2-9-17
 TVD Reference: C-2-9-17 @ 5018.0ft (Newfield Rig #2)
 MD Reference: C-2-9-17 @ 5018.0ft (Newfield Rig #2)
 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)
4,523.0	8.30	293.80	4,473.1	266.7	-519.0	583.5	0.14	0.00	0.94
4,555.0	8.30	293.40	4,504.8	268.6	-523.2	588.2	0.18	0.00	-1.25
4,587.0	8.30	295.10	4,536.4	270.5	-527.5	592.8	0.77	0.00	5.31
4,618.0	8.30	295.60	4,567.1	272.4	-531.5	597.2	0.23	0.00	1.61
4,650.0	8.70	297.00	4,598.8	274.5	-535.7	602.0	1.41	1.25	4.38
4,682.0	8.90	298.90	4,630.4	276.8	-540.1	606.9	1.10	0.63	5.94
4,713.0	9.00	300.30	4,661.0	279.2	-544.3	611.7	0.77	0.32	4.52
4,745.0	9.10	300.70	4,692.6	281.7	-548.6	616.7	0.37	0.31	1.25
4,777.0	9.80	300.90	4,724.2	284.4	-553.1	621.9	2.19	2.19	0.63
4,808.0	10.60	302.10	4,754.7	287.3	-557.8	627.4	2.67	2.58	3.87
4,840.0	10.80	302.10	4,786.1	290.5	-562.8	633.3	0.63	0.63	0.00
4,871.0	10.50	302.80	4,816.6	293.5	-567.7	639.1	1.05	-0.97	2.26
4,903.0	10.20	302.10	4,848.1	296.6	-572.5	644.8	1.02	-0.94	-2.19
4,935.0	10.30	301.70	4,879.6	299.6	-577.3	650.5	0.38	0.31	-1.25
4,966.0	10.40	300.80	4,910.1	302.5	-582.1	656.0	0.61	0.32	-2.90
4,998.0	10.40	299.90	4,941.5	305.4	-587.1	661.8	0.51	0.00	-2.81
5,030.0	10.20	299.30	4,973.0	308.3	-592.1	667.5	0.71	-0.63	-1.88
5,061.0	10.20	299.10	5,003.5	310.9	-596.8	673.0	0.11	0.00	-0.65
5,093.0	10.10	300.20	5,035.0	313.7	-601.8	678.6	0.68	-0.31	3.44
5,125.0	10.20	301.20	5,066.5	316.6	-606.6	684.2	0.63	0.31	3.13
5,157.0	10.20	301.60	5,098.0	319.6	-611.4	689.9	0.22	0.00	1.25
5,188.0	10.30	301.00	5,128.5	322.4	-616.1	695.4	0.47	0.32	-1.94
5,220.0	10.60	300.50	5,160.0	325.4	-621.1	701.2	0.98	0.94	-1.56
5,252.0	10.40	300.10	5,191.5	328.3	-626.2	707.0	0.67	-0.63	-1.25
5,283.0	9.80	299.00	5,222.0	331.0	-630.9	712.5	2.03	-1.94	-3.55
5,315.0	9.10	297.50	5,253.5	333.5	-635.5	717.7	2.32	-2.19	-4.69
5,347.0	8.80	295.20	5,285.2	335.7	-640.0	722.7	1.46	-0.94	-7.19
5,379.0	8.60	293.70	5,316.8	337.7	-644.4	727.5	0.95	-0.63	-4.69
5,410.0	8.90	294.70	5,347.4	339.6	-648.7	732.2	1.09	0.97	3.23
5,442.0	9.40	297.00	5,379.0	341.9	-653.3	737.3	1.94	1.56	7.19
5,473.0	9.50	297.90	5,409.6	344.2	-657.8	742.4	0.58	0.32	2.90
5,505.0	8.80	297.30	5,441.2	346.6	-662.3	747.5	2.21	-2.19	-1.88
5,537.0	8.80	297.50	5,472.8	348.8	-666.6	752.4	0.10	0.00	0.63
5,568.0	9.10	297.70	5,503.4	351.1	-670.9	757.2	0.97	0.97	0.65
5,600.0	9.54	298.60	5,535.0	353.5	-675.5	762.4	1.45	1.38	2.81
5,632.0	9.30	298.20	5,566.6	356.0	-680.1	767.6	0.78	-0.75	-1.25
5,663.0	9.80	298.50	5,597.2	358.4	-684.6	772.8	1.62	1.61	0.97
5,695.0	9.50	298.30	5,628.7	361.0	-689.3	778.1	0.94	-0.94	-0.63
5,727.0	9.20	297.60	5,660.3	363.4	-693.9	783.3	1.00	-0.94	-2.19
5,758.0	9.30	297.60	5,690.9	365.7	-698.3	788.3	0.32	0.32	0.00
5,822.0	9.30	296.50	5,754.0	370.4	-707.6	798.7	0.28	0.00	-1.72
5,854.0	9.00	295.77	5,785.6	372.7	-712.1	803.7	1.01	-0.94	-2.28
5,885.0	8.61	295.68	5,816.3	374.7	-716.4	808.5	1.26	-1.26	-0.29
5,917.0	8.70	296.21	5,847.9	376.9	-720.7	813.3	0.38	0.28	1.66
5,949.0	8.31	295.99	5,879.5	378.9	-725.0	818.0	1.22	-1.22	-0.69
5,980.0	7.82	295.02	5,910.2	380.8	-728.9	822.4	1.64	-1.58	-3.13
6,012.0	7.47	293.75	5,942.0	382.6	-732.8	826.6	1.21	-1.09	-3.97
6,044.0	7.34	292.65	5,973.7	384.2	-736.6	830.7	0.60	-0.41	-3.44
6,075.0	6.77	290.32	6,004.5	385.6	-740.1	834.5	2.06	-1.84	-7.52
6,107.0	6.46	289.26	6,036.2	386.8	-743.6	838.2	1.04	-0.97	-3.31
6,128.0	6.15	288.96	6,057.1	387.6	-745.8	840.5	1.48	-1.48	-1.43
6,182.0	6.15	288.96	6,110.8	389.5	-751.2	846.2	0.00	0.00	0.00

C-2-9-17 TGT



PayZone Directional Services, LLC.

Survey Report



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

Local Co-ordinate Reference: Well C-2-9-17
TVD Reference: C-2-9-17 @ 5018.0ft (Newfield Rig #2)
MD Reference: C-2-9-17 @ 5018.0ft (Newfield Rig #2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Wellbore Targets

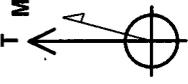
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
C-2-9-17 TGT - actual wellpath misses target center by 9.5ft at 6182.0ft MD (6110.8 TVD, 389.5 N, -751.2 E) - Circle (radius 75.0)	0.00	0.00	6,110.0	393.1	-760.0	7,196,741.38	2,067,441.25	40° 4' 0.905 N	109° 58' 26.736 W
C-2-9-17 NO GO ZONE - actual wellpath hits target center - Polygon	0.00	0.00	0.0	0.0	0.0	7,196,361.33	2,068,207.83	40° 3' 57.020 N	109° 58' 16.960 W
Point 1			0.0	502.0	-960.0	7,196,846.85	2,067,239.39		
Point 2			0.0	502.0	-560.0	7,196,853.69	2,067,639.33		
Point 3			0.0	502.0	-960.0	7,196,846.85	2,067,239.39		

Checked By: _____ Approved By: _____ Date: _____

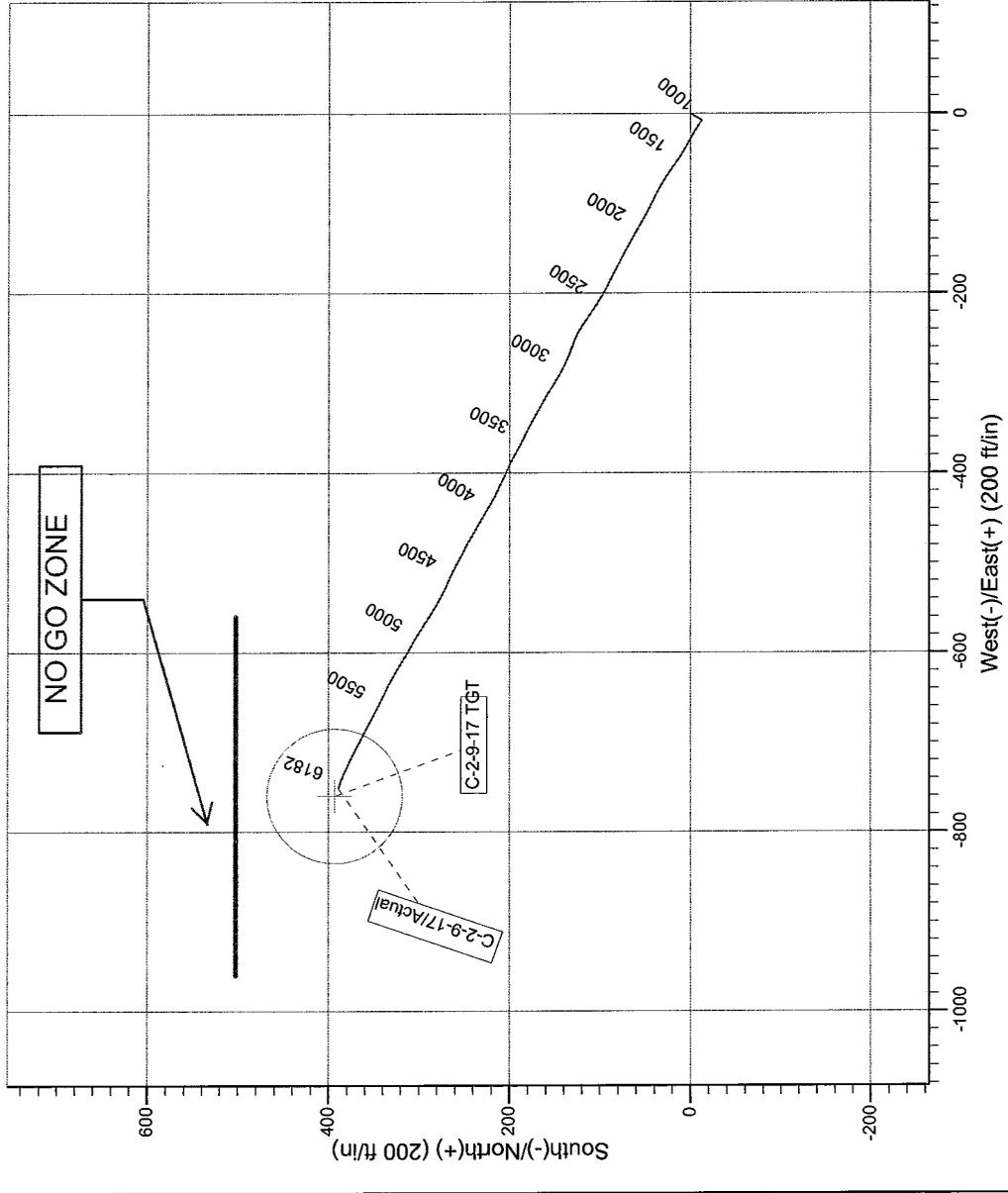
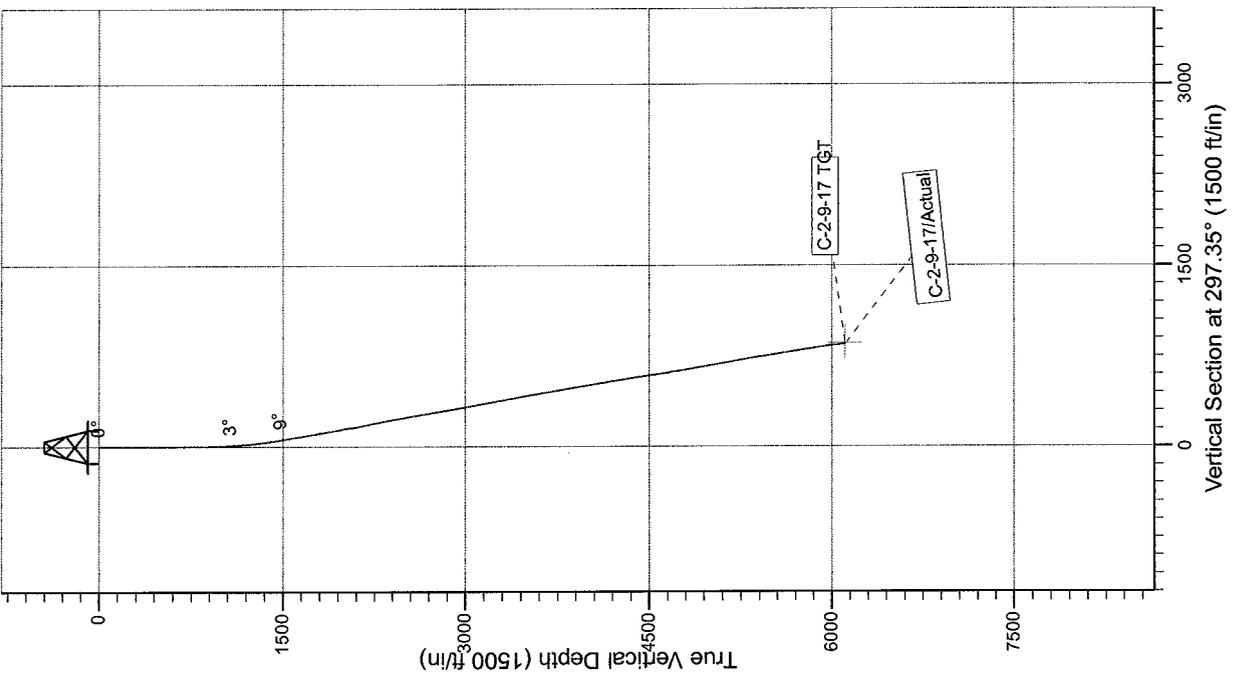


Project: USGS Myton SW (UT)
 Site: SECTION 2 T9S, R17E
 Well: C-2-9-17
 Wellbore: Wellbore #1
 SURVEY: Actual

FINAL SURVEY REPORT



Azimuths to True North
 Magnetic North: 11.31°
 Magnetic Field
 Strength: 52321.45nT
 Dip Angle: 65.84°
 Date: 2011/03/23
 Model: IGRF2010



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



Created By: *Snob Welt* Date: 18:38, August 15 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 C-2-9-17

6/1/2011 To 10/30/2011

GMBU C-2-9-17

Waiting on Cement

Date: 7/21/2011

Ross #21 at 726. Days Since Spud - On 7/15/11 Ross #21 spud and drilled 726' of 12 1/4" hole, P/U and run 16 jts of 8 5/8" casing set - 728.74'KB. On 7/20/11 cement w/BJ w/350 sks of class G+2%kcl+.25#CF mixed @ 15.8ppg and 1.17 - yield. Returned 7 bbls to pit, bump plug to 460 psi, BLM and State were notified of spud via email.

Daily Cost: \$0

Cumulative Cost: \$91,049

GMBU C-2-9-17

Waiting on Cement

Date: 8/6/2011

NDSI #2 at 728. 0 Days Since Spud - Tear down and get ready for rig move

Daily Cost: \$0

Cumulative Cost: \$99,120

GMBU C-2-9-17

Drill 7 7/8" hole with fresh water

Date: 8/7/2011

NDSI #2 at 1600. 1 Days Since Spud - valve, kill line and valve. Choke manifold and all valves. 2000 psi for ten minutes. Test good. Then - R/U B&C Quicktest. Test upper kelly valve, floor valve, pipe rams, blind rams, choke line, choke - On 8/6/2011 MIRU set equipment w/Liddell Trucking (2 mile move from the B-2-9-17) - on 8/6/2011 at 1:00 PM. - 24 hr notice sent to State via email on 8/5/2011 of rig move on 8/6/2011 at 7:00 AM and BOP test - test the surface casing at 1500 psi for 30 minutest. Test good. - Monel collar 31.05', double gap sub 3.35', index sub 2.12', NM pony sub 5.28' and 15-4.5" HWDP. Tag - cement at 280'. - Drill 7 7/8" hole from 280' to 1600 with 10,000 lbs WOB, 161 total RPM, 400 GPM, 139 fph avg ROP. - Pick up BHA as follows: Varel VM616, Hunting Fixed 1.5 fixed 4.3 stage, 7/8 lobe Mud Motor 26.78'

Daily Cost: \$0

Cumulative Cost: \$143,455

GMBU C-2-9-17

Drill 7 7/8" hole with fresh water

Date: 8/8/2011

NDSI #2 at 3691. 2 Days Since Spud - Drill 7 7/8" hole from 1600' to 2456' with 20,000 lbs WOB, 161 total RPM, 400 GPM, 122. fph avg ROP. - Drill 7 7/8" hole from 2741' to 3691' with 20,000 lbs WOB, 161 total RPM, 400 GPM, fph avg 79 ROP. - Replace Spinner motor on kelly spinner. - Drill 7 7/8" hole from 2646' to 2741' with 20,000 lbs WOB, 161 total RPM, 400 GPM, 63 fph avg ROP. - Replace cap gasket on mud pump. - Drill 7 7/8" hole from 2456' to 2646 with 20,000 lbs WOB, 161 total RPM, 400 GPM, 95 fph avg ROP. - Rig service. Function test BOP and crown-o-matic

Daily Cost: \$0

Cumulative Cost: \$169,199

GMBU C-2-9-17

Drill 7 7/8" hole with fresh water

Date: 8/9/2011

NDSI #2 at 5211. 3 Days Since Spud - Drill 7 7/8" hole from 3691' to 4133' with 20,000 lbs WOB, 161 total RPM, 400 GPM, 126 fph avg ROP. - Change out cable on breakout cathead to

the tongs. - Drill 7 7/8" hole from 4133' to 4355' with 20,000 lbs WOB, 161 total RPM, 400 GPM, 89 fph avg ROP. - Rig service. Function test BOP and crown-o-matic - Drill 7 7/8" hole from 4355' to 5211' with 20,000 lbs WOB, 161 total RPM, 400 GPM, 50 fph avg ROP.

Daily Cost: \$0

Cumulative Cost: \$203,238

GMBU C-2-9-17

Lay Down Drill Pipe/BHA

Date: 8/10/2011

NDSI #2 at 6191. 4 Days Since Spud - Circulate - Drill 7 7/8" hole from 5211' to 5559' with 20,000 lbs WOB, 161 total RPM, 400 GPM, 63. fph avg ROP. - Rig Service. Function test BOP and crown-o-matic - Drill 7 7/8" hole from 5559' to 6191' with 20,000 lbs WOB, 161 total RPM, 400 GPM, 45 fph avg ROP. - Lay down DP and BHA

Daily Cost: \$0

Cumulative Cost: \$263,735

GMBU C-2-9-17

Waiting on Cement

Date: 8/11/2011

NDSI #2 at 6191. 5 Days Since Spud - Land casing mandrel, circulate and rig up BJ hrad lines. - Pump 260 sack lead PL11+3%KCL+5#CSE+.5#CF+5#KOL+.5SMS+FP+SF 3.43 yield 11 ppg then pump - tail 50:50:23%KCL+.5%EC-1+.25#CF+.05#SF+.3SMS+FP-6L 1.24 yield 14.4 ppg. Returned 20bbls to pit. - Clean mud tanks. Release rig at 4:00 am 8/11/2011 - Spot 320bbls of 10# brine water and check flow. No flow - Continue to lay down DP and BHA - Rig up PSI and log w/ SR/LG/GR/Compensated Netron suite TD to 4000' 30'/min. - Rig up and run casing. Found 4 jts of bad casing. - Run the last two jts of 141jt 5 1/2" 15.50# J55 casing set at 6182'/KB - lay down bad joints and wait on more casing to arrive **Finalized**

Daily Cost: \$0

Cumulative Cost: \$389,266

Pertinent Files: Go to File List