

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 L-2-9-15
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-43538	11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
13. NAME OF SURFACE OWNER (if box 12 = 'fee')		12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')		14. SURFACE OWNER PHONE (if box 12 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')
18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1977 FNL 2241 FEL	SWNE	2	9.0 S	15.0 E	S
Top of Uppermost Producing Zone	2430 FNL 1675 FEL	SWNE	2	9.0 S	15.0 E	S
At Total Depth	2357 FSL 1068 FEL	NESE	2	9.0 S	15.0 E	S

21. COUNTY DUCHESNE	22. DISTANCE TO NEAREST LEASE LINE (Feet) 1068	23. NUMBER OF ACRES IN DRILLING UNIT 20
25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 784	26. PROPOSED DEPTH MD: 6487 TVD: 6487	
27. ELEVATION - GROUND LEVEL 5951	28. BOND NUMBER B001834	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478

Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	12.25	8.625	0 - 300	24.0	J-55 ST&C	8.3	Class G	138	1.17	15.8
Prod	7.875	5.5	0 - 6487	15.5	J-55 LT&C	8.3	Premium Lite High Strength	310	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 07/29/2011	EMAIL mcrozier@newfield.com
API NUMBER ASSIGNED 43013509070000	APPROVAL  Permit Manager	

NEWFIELD PRODUCTION COMPANY
 GMBU L-2-9-15
 AT SURFACE: SW/NE SECTION 2, T9S, R15E
 DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

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

Uinta	0' – 1615'
Green River	1615'
Wasatch	6215'
Proposed TD	6487'

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

Green River Formation (Oil) 1615' – 6215'

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 L-2-9-15**

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	300'	24.0	J-55	STC	2,950 17.53	1,370 14.35	244,000 33.89
Prod casing 5-1/2"	0'	6,487'	15.5	J-55	LTC	4,810 2.33	4,040 1.96	217,000 2.16

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 L-2-9-15**

Job	Fill	Description	Sacks	OH Excess*	Weight (ppg)	Yield (ft ³ /sk)
			ft ³			
Surface casing	300'	Class G w/ 2% CaCl	138	30%	15.8	1.17
			161			
Prod casing Lead	4,487'	Prem Lite II w/ 10% gel + 3% KCl	310	30%	11.0	3.26
			1011			
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363	30%	14.3	1.24
			451			

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

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

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

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

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

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

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

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

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

From surface to ± 300 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 ± 300 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

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

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

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

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

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

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

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 300' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +/- . A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

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

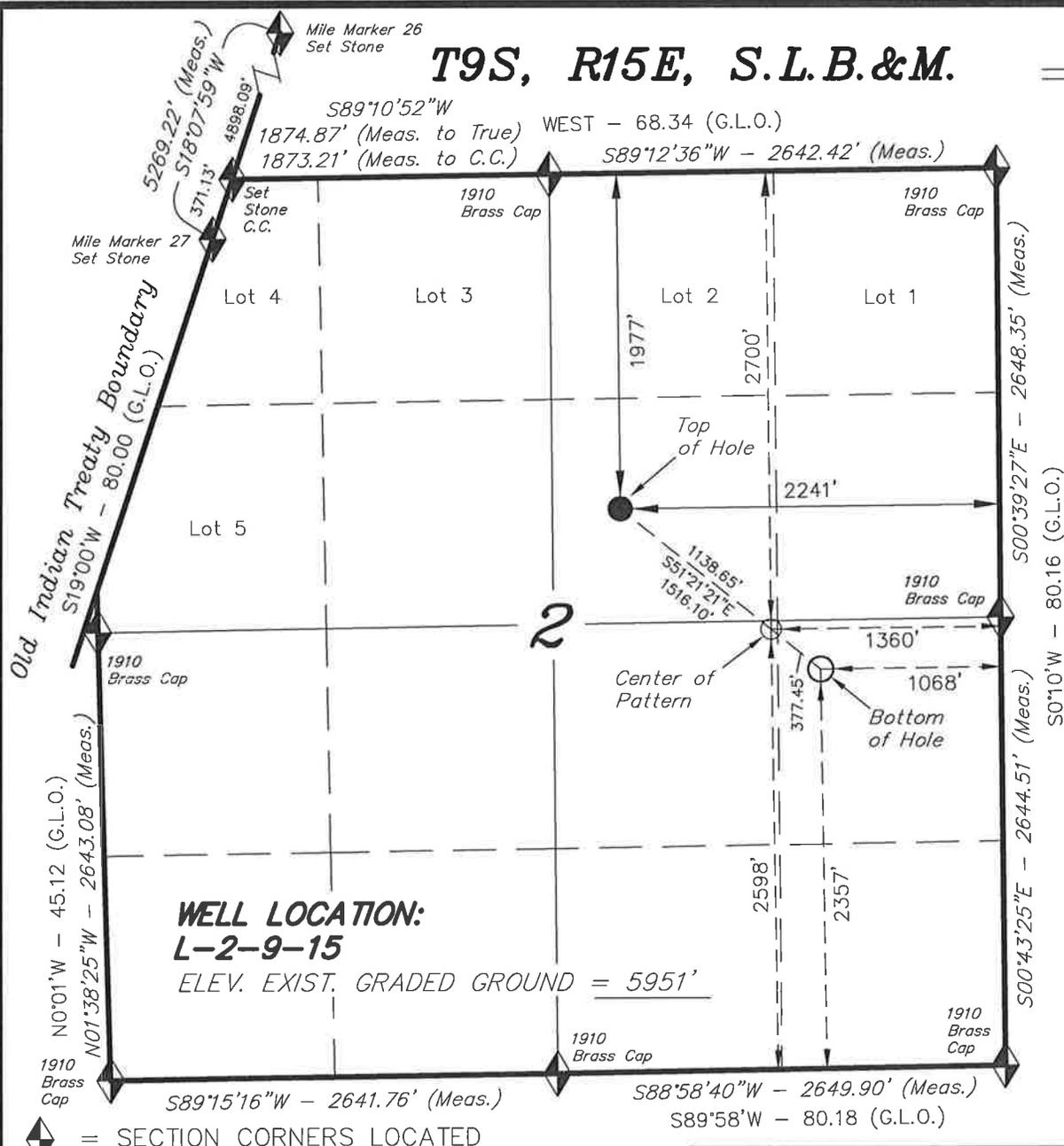
No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

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

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

NEWFIELD EXPLORATION COMPANY

T9S, R15E, S.L.B.&M.



**WELL LOCATION:
L-2-9-15**

ELEV. EXIST. GRADED GROUND = 5951'

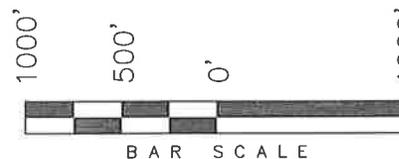
◆ = SECTION CORNERS LOCATED

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'

L-2-9-15
(Surface Location) NAD 83
LATITUDE = 40° 03' 42.45"
LONGITUDE = 110° 11' 52.56"

WELL LOCATION, L-2-9-15, LOCATED AS SHOWN IN THE SW 1/4 NE 1/4 OF SECTION 2, T9S, R15E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

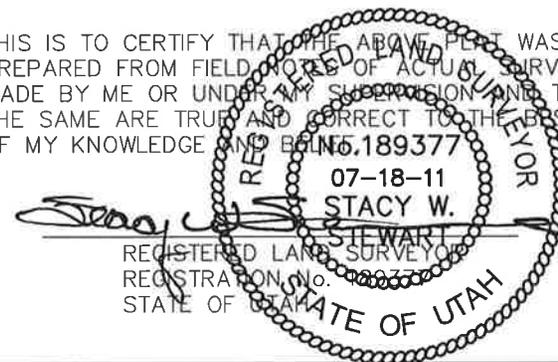
TARGET BOTTOM HOLE, L-2-9-15, LOCATED AS SHOWN IN THE NE 1/4 SE 1/4 OF SECTION 2, T9S, R15E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



NOTES:

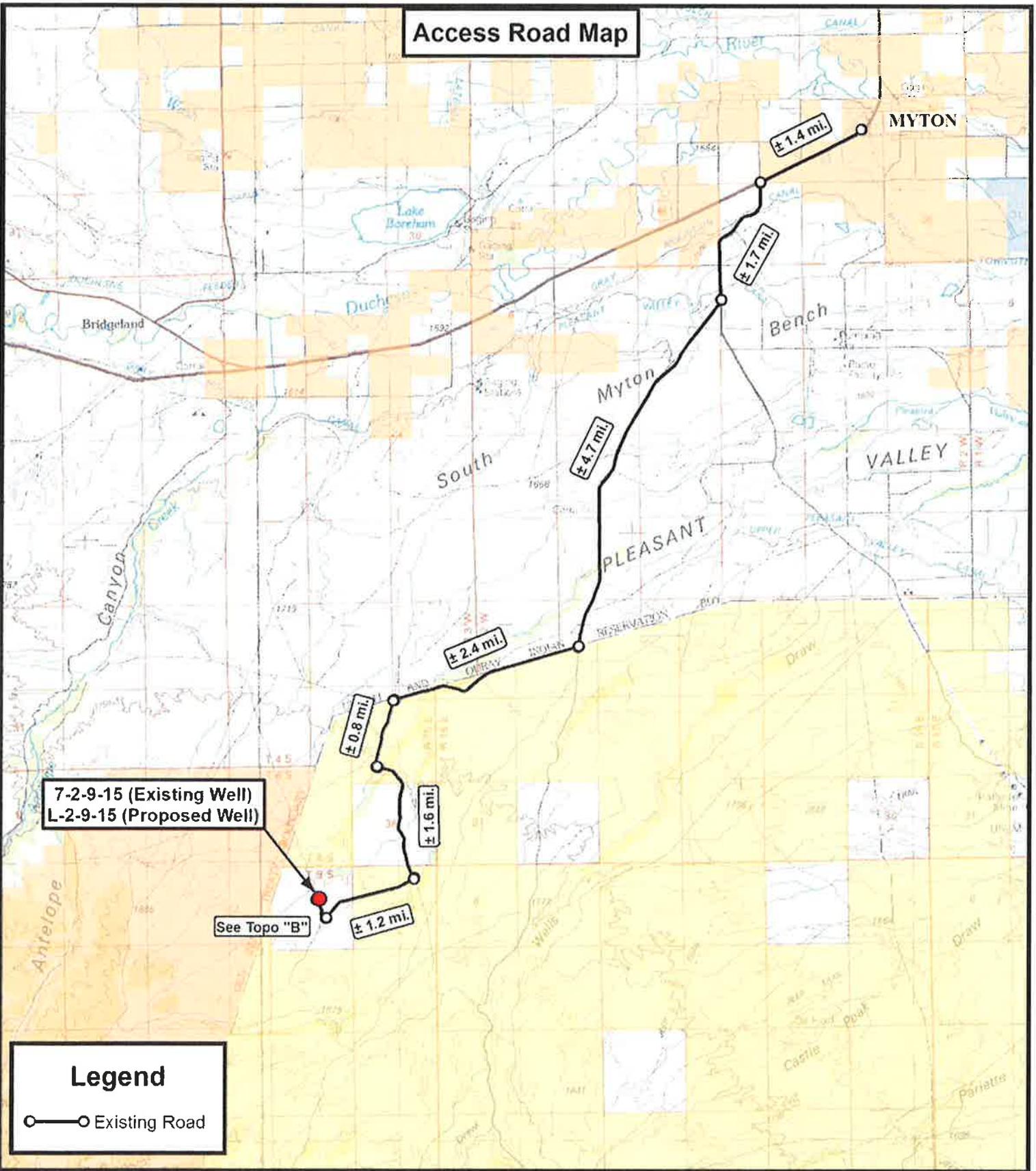
1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.

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.



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

DATE SURVEYED: 06-03-11	SURVEYED BY: D.G.	VERSION:
DATE DRAWN: 07-06-11	DRAWN BY: M.W.	V1
REVISED:	SCALE: 1" = 1000'	



Access Road Map

7-2-9-15 (Existing Well)
L-2-9-15 (Proposed Well)

See Topo "B"

Legend

○—○ Existing Road

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

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 F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

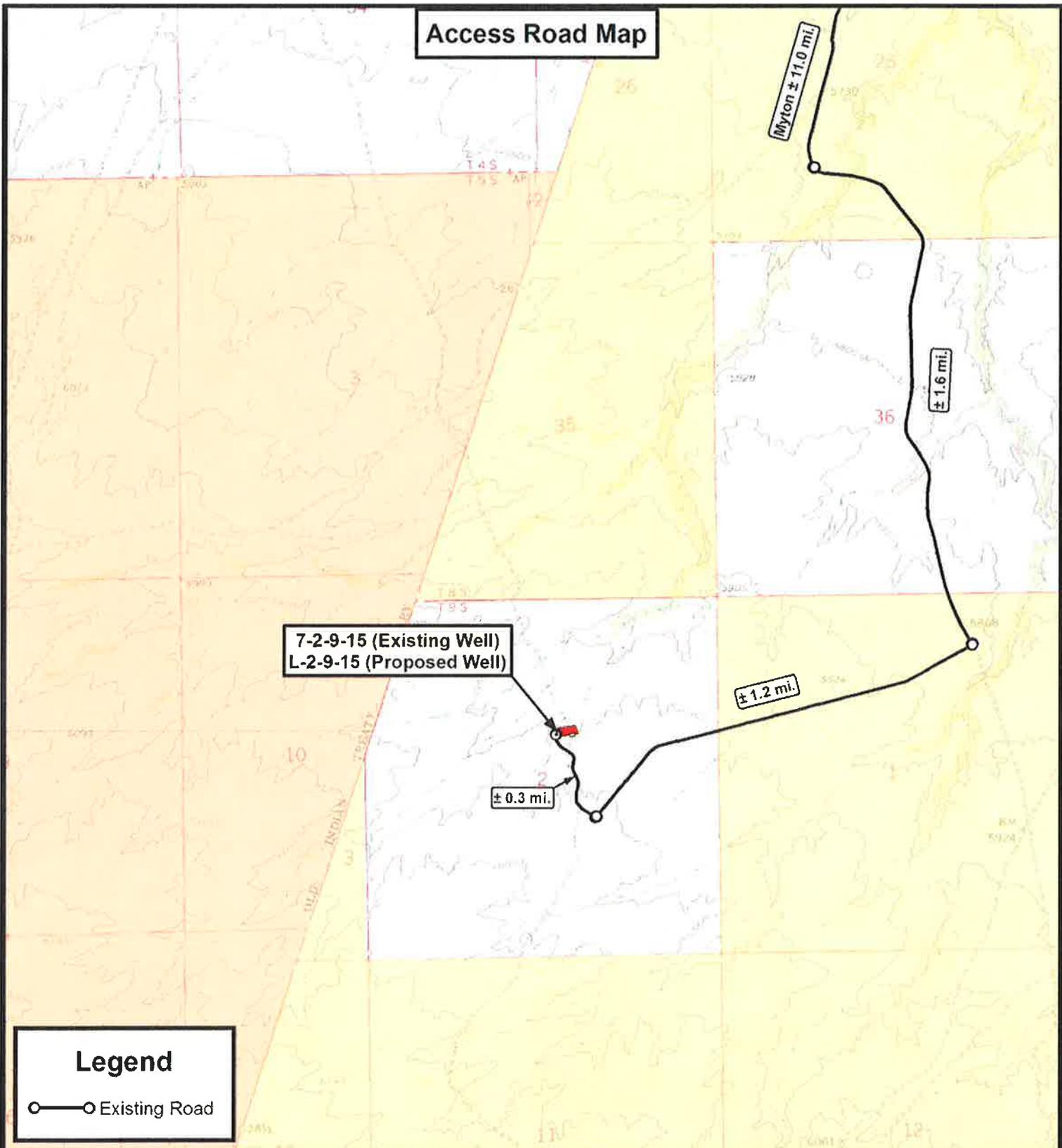
7-2-9-15 (Existing Well)
 L-2-9-15 (Proposed Well)
 SEC. 2, T9S, R15E, S.L.B.&M.
 Duchesne County, UT.

DRAWN BY:	C.H.M.	REVISED:	VERSION:
DATE:	07-15-2011		V1
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET
A

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.

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NEWFIELD EXPLORATION COMPANY

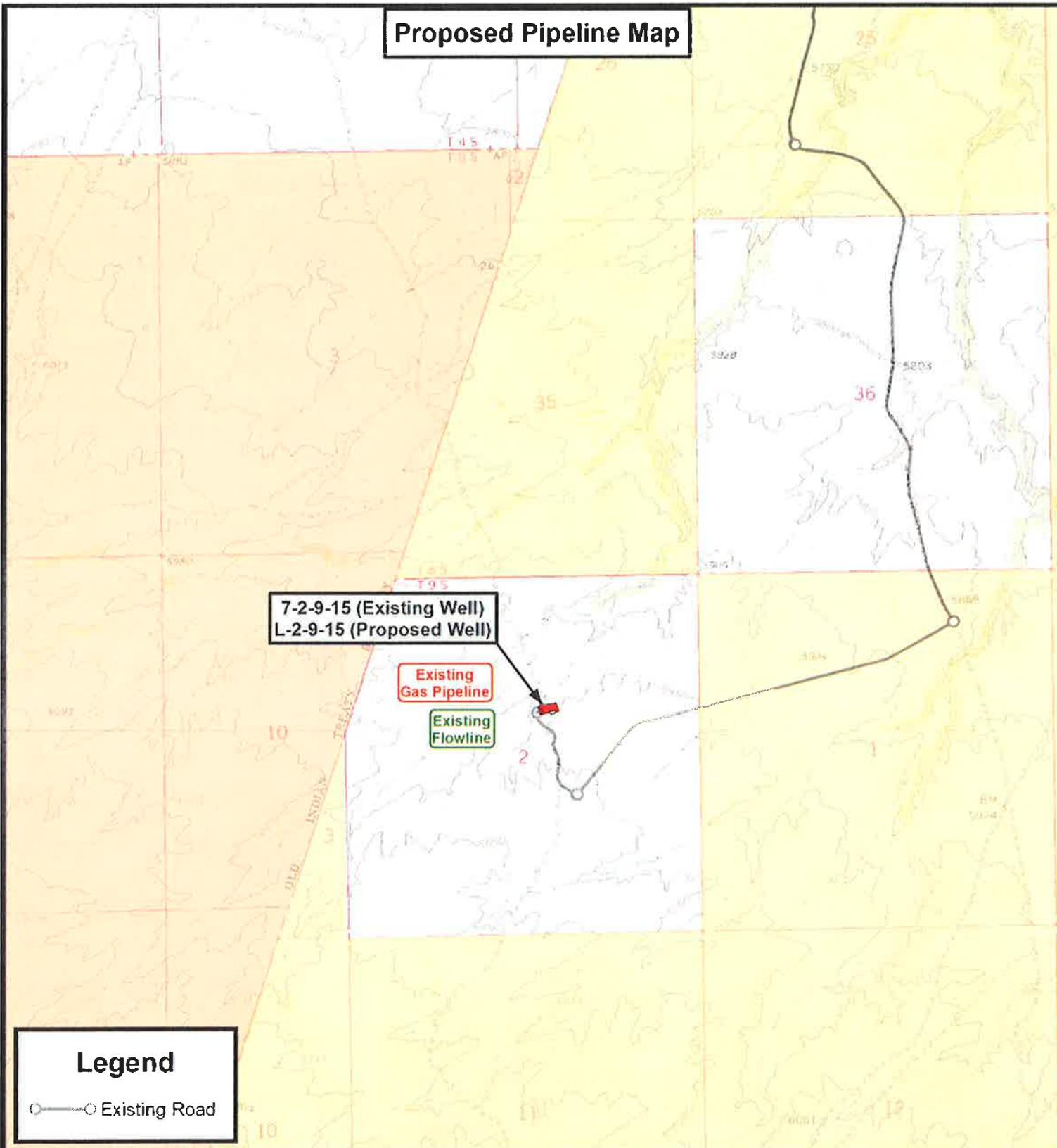
7-2-9-15 (Existing Well)
L-2-9-15 (Proposed Well)
SEC. 2, T9S, R15E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	C.H.M.	REVISED:	VERSION:
DATE:	07-15-2011		V1
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET
B

Proposed Pipeline Map



7-2-9-15 (Existing Well)
L-2-9-15 (Proposed Well)

Existing Gas Pipeline

Existing Flowline

Legend

○—○ Existing Road

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

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NEWFIELD EXPLORATION COMPANY

7-2-9-15 (Existing Well)
L-2-9-15 (Proposed Well)
SEC. 2, T9S, R15E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	C.H.M.	REVISED:	VERSION:
DATE:	07-15-2011		V1
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET
C

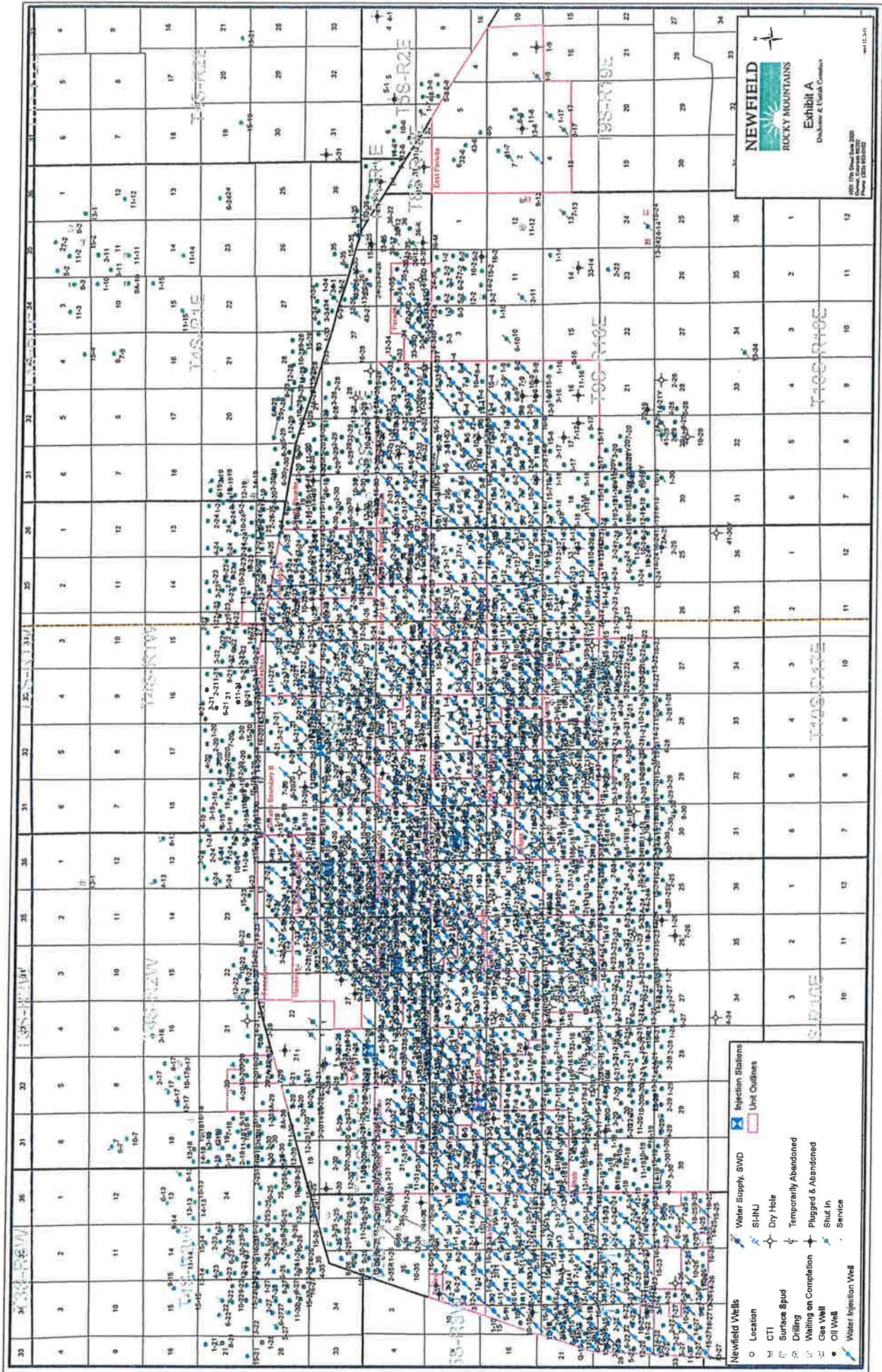
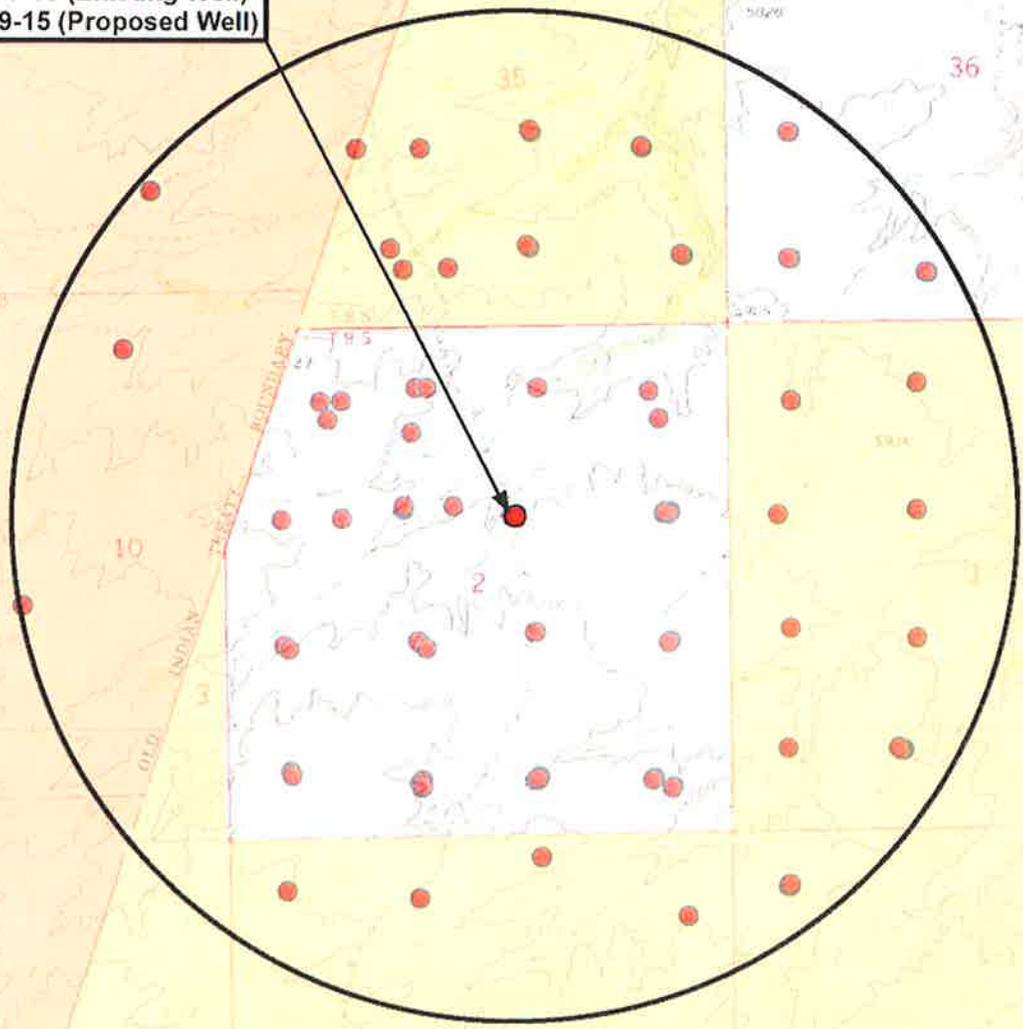


Exhibit "B" Map

7-2-9-15 (Existing Well)
L-2-9-15 (Proposed Well)



Legend

-  1 Mile Radius
-  Pad Location

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NEWFIELD EXPLORATION COMPANY

7-2-9-15 (Existing Well)
L-2-9-15 (Proposed Well)
SEC. 2, T9S, R15E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	C.H.M.	REVISED:	VERSION:
DATE:	07-15-2011		V1
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET
D



NEWFIELD EXPLORATION

USGS Myton SW (UT)

SECTION 2 T9, R15

L-2-9-15

Wellbore #1

Plan: Design #1

Standard Planning Report

26 June, 2011





Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well L-2-9-15
Company:	NEWFIELD EXPLORATION	TVD Reference:	L-2-9-15 @ 5963.0ft (Newfield Rig)
Project:	USGS Myton SW (UT)	MD Reference:	L-2-9-15 @ 5963.0ft (Newfield Rig)
Site:	SECTION 2 T9, R15	North Reference:	Grid
Well:	L-2-9-15	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 T9, R15				
Site Position:		Northing:	7,191,145.41 ft	Latitude:	40° 3' 15.350 N
From:	Lat/Long	Easting:	2,005,088.49 ft	Longitude:	110° 11' 49.770 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.83 °

Well	L-2-9-15, SHL LAT: 40 03 42.45 LONG: -110 11 52.56					
Well Position	+N/-S	2,738.6 ft	Northing:	7,193,883.99 ft	Latitude:	40° 3' 42.450 N
	+E/-W	-256.8 ft	Easting:	2,004,831.66 ft	Longitude:	110° 11' 52.560 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	5,963.0 ft	Ground Level:	5,951.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2011/06/26	11.37	65.78	52,254

Design	Design #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	5,000.0	0.0	0.0	128.64

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	
1,699.3	16.49	128.64	1,684.2	-98.1	122.7	1.50	1.50	0.00	128.64	
5,157.3	16.49	128.64	5,000.0	-711.0	889.4	0.00	0.00	0.00	0.00	L-2-9-15 TGT
6,487.0	16.49	128.64	6,275.0	-946.7	1,184.2	0.00	0.00	0.00	0.00	



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well L-2-9-15
Company:	NEWFIELD EXPLORATION	TVD Reference:	L-2-9-15 @ 5963.0ft (Newfield Rig)
Project:	USGS Myton SW (UT)	MD Reference:	L-2-9-15 @ 5963.0ft (Newfield Rig)
Site:	SECTION 2 T9, R15	North Reference:	Grid
Well:	L-2-9-15	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	128.64	700.0	-0.8	1.0	1.3	1.50	1.50	0.00
800.0	3.00	128.64	799.9	-3.3	4.1	5.2	1.50	1.50	0.00
900.0	4.50	128.64	899.7	-7.4	9.2	11.8	1.50	1.50	0.00
1,000.0	6.00	128.64	999.3	-13.1	16.3	20.9	1.50	1.50	0.00
1,100.0	7.50	128.64	1,098.6	-20.4	25.5	32.7	1.50	1.50	0.00
1,200.0	9.00	128.64	1,197.5	-29.4	36.7	47.0	1.50	1.50	0.00
1,300.0	10.50	128.64	1,296.1	-39.9	50.0	64.0	1.50	1.50	0.00
1,400.0	12.00	128.64	1,394.2	-52.1	65.2	83.5	1.50	1.50	0.00
1,500.0	13.50	128.64	1,491.7	-65.9	82.4	105.5	1.50	1.50	0.00
1,600.0	15.00	128.64	1,588.6	-81.3	101.7	130.2	1.50	1.50	0.00
1,699.3	16.49	128.64	1,684.2	-98.1	122.7	157.1	1.50	1.50	0.00
1,800.0	16.49	128.64	1,780.7	-115.9	145.0	185.7	0.00	0.00	0.00
1,900.0	16.49	128.64	1,876.6	-133.7	167.2	214.1	0.00	0.00	0.00
2,000.0	16.49	128.64	1,972.5	-151.4	189.4	242.5	0.00	0.00	0.00
2,100.0	16.49	128.64	2,068.4	-169.1	211.5	270.8	0.00	0.00	0.00
2,200.0	16.49	128.64	2,164.3	-186.8	233.7	299.2	0.00	0.00	0.00
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2,600.0	16.49	128.64	2,547.8	-257.7	322.4	412.8	0.00	0.00	0.00
2,700.0	16.49	128.64	2,643.7	-275.5	344.6	441.1	0.00	0.00	0.00
2,800.0	16.49	128.64	2,739.6	-293.2	366.7	469.5	0.00	0.00	0.00
2,900.0	16.49	128.64	2,835.5	-310.9	388.9	497.9	0.00	0.00	0.00
3,000.0	16.49	128.64	2,931.4	-328.6	411.1	526.3	0.00	0.00	0.00
3,100.0	16.49	128.64	3,027.3	-346.4	433.3	554.7	0.00	0.00	0.00
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3,400.0	16.49	128.64	3,314.9	-399.5	499.8	639.8	0.00	0.00	0.00
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3,900.0	16.49	128.64	3,794.4	-488.1	610.6	781.8	0.00	0.00	0.00
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4,100.0	16.49	128.64	3,986.1	-523.6	655.0	838.5	0.00	0.00	0.00
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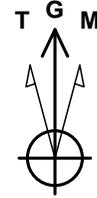


Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well L-2-9-15
Company:	NEWFIELD EXPLORATION	TVD Reference:	L-2-9-15 @ 5963.0ft (Newfield Rig)
Project:	USGS Myton SW (UT)	MD Reference:	L-2-9-15 @ 5963.0ft (Newfield Rig)
Site:	SECTION 2 T9, R15	North Reference:	Grid
Well:	L-2-9-15	Survey 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	16.49	128.64	5,136.8	-736.3	921.0	1,179.1	0.00	0.00	0.00
5,400.0	16.49	128.64	5,232.7	-754.0	943.2	1,207.5	0.00	0.00	0.00
5,500.0	16.49	128.64	5,328.6	-771.7	965.4	1,235.9	0.00	0.00	0.00
5,600.0	16.49	128.64	5,424.5	-789.5	987.5	1,264.3	0.00	0.00	0.00
5,700.0	16.49	128.64	5,520.3	-807.2	1,009.7	1,292.7	0.00	0.00	0.00
5,800.0	16.49	128.64	5,616.2	-824.9	1,031.9	1,321.1	0.00	0.00	0.00
5,900.0	16.49	128.64	5,712.1	-842.6	1,054.0	1,349.5	0.00	0.00	0.00
6,000.0	16.49	128.64	5,808.0	-860.4	1,076.2	1,377.8	0.00	0.00	0.00
6,100.0	16.49	128.64	5,903.9	-878.1	1,098.4	1,406.2	0.00	0.00	0.00
6,200.0	16.49	128.64	5,999.8	-895.8	1,120.5	1,434.6	0.00	0.00	0.00
6,300.0	16.49	128.64	6,095.7	-913.5	1,142.7	1,463.0	0.00	0.00	0.00
6,400.0	16.49	128.64	6,191.5	-931.3	1,164.9	1,491.4	0.00	0.00	0.00
6,487.0	16.49	128.64	6,275.0	-946.7	1,184.2	1,516.1	0.00	0.00	0.00



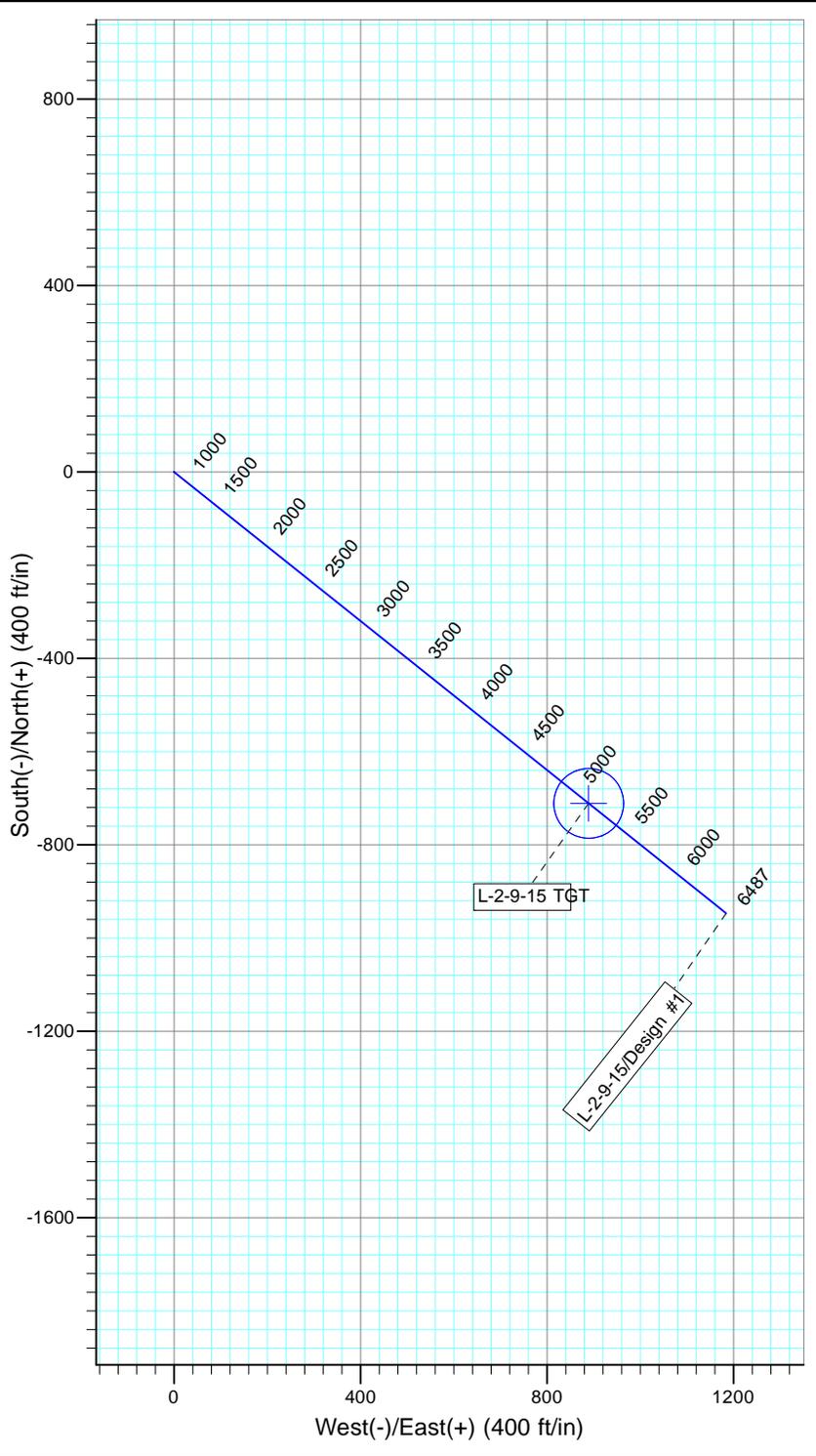
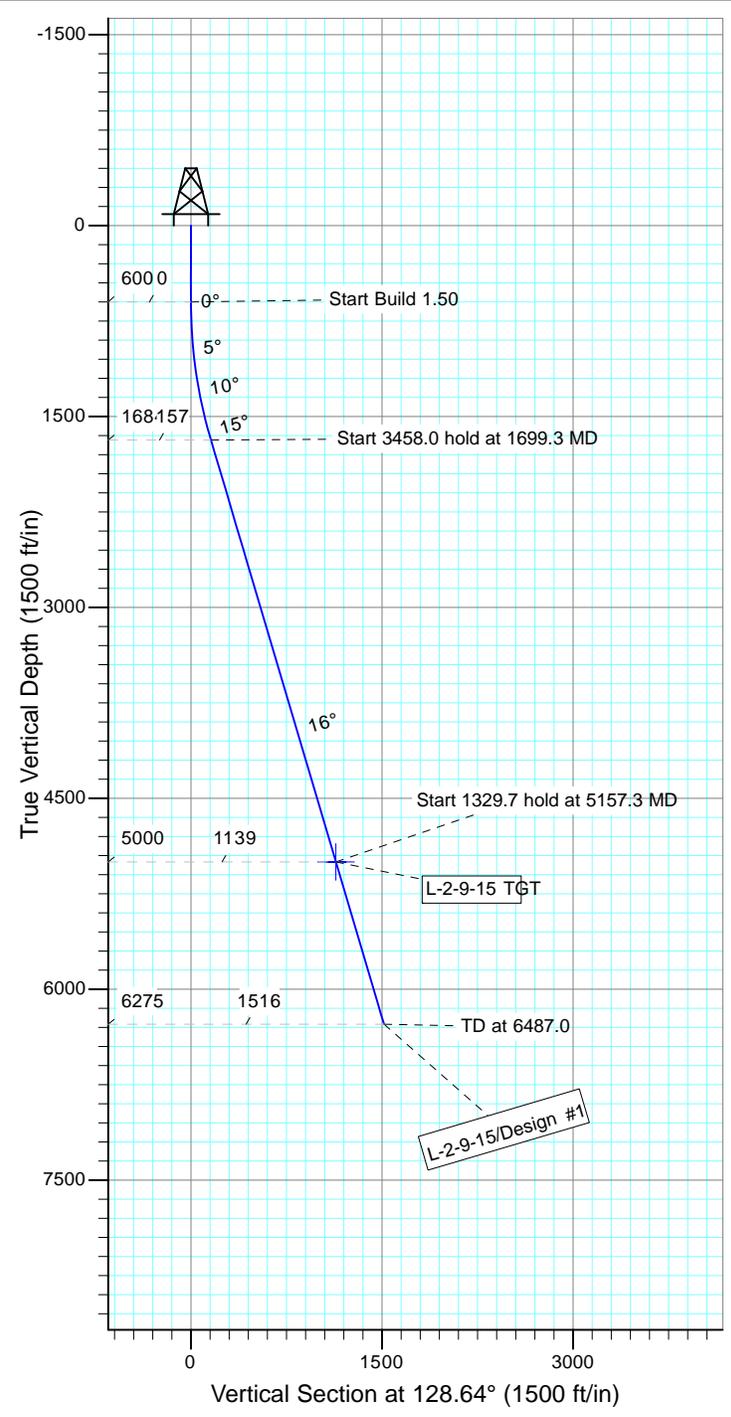
Project: USGS Myton SW (UT)
 Site: SECTION 2 T9, R15
 Well: L-2-9-15
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to Grid North
 True North: -0.83°
 Magnetic North: 10.53°

Magnetic Field
 Strength: 52253.8snT
 Dip Angle: 65.78°
 Date: 2011/06/26
 Model: IGRF2010

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



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
L-2-9-15 TGT	5000.0	-711.0	889.4	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	1699.3	16.49	128.64	1684.2	-98.1	122.7	1.50	128.64	157.1	
4	5157.3	16.49	128.64	5000.0	-711.0	889.4	0.00	0.00	1138.6	L-2-9-15 TGT
5	6487.0	16.49	128.64	6275.0	-946.7	1184.2	0.00	0.00	1516.1	



**NEWFIELD PRODUCTION COMPANY
GMBU L-2-9-15
AT SURFACE: SW/NE SECTION 2, T9S, R15E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site GMBU L-2-9-15 located in the SW 1/4 NE 1/4 Section 2, T9S, R15E, Duchesen 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 southwesterly - 6.4 miles \pm to it's junction with an existing road to the southwest; proceed southwesterly - 2.4 miles \pm to it's junction with an existing road to the southwest; proceed southwesterly - 0.8 miles \pm to it's junction with an existing road to the southeast; proceed southeasterly - 1.6 miles \pm to it's junction with an existing road to the southwest; proceed southwesterly - 1.2 miles \pm to it's junction with an existing road to the northwest; proceed northwesterly - 0.3 miles \pm to the existing 7-2-9-15 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 directionaly off of the existing 7-2-9-15 well pad. See attached **Topographic Map "B"**.

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

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

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

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

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

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

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

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

Johnson Water District
Water Right : 43-10136

Maurice Harvey Pond
Water Right: 47-1358

Neil Moon Pond
Water Right: 43-11787

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

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

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

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

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

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

A portable toilet will be provided for human waste.

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

8. **ANCILLARY FACILITIES**

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

9. **WELL SITE LAYOUT**

See attached Location Layout Sheet.

Fencing Requirements

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

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

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

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

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

- a) Producing Location

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

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

- b) Dry Hole Abandoned Location

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

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

11. **OTHER ADDITIONAL INFORMATION :**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. State of Utah Antiquities Project Permit #U-03-MQ-0751b,s 11/18/03, prepared by

Montgomery Archaeological Consultants. Paleontological Resource Survey prepared by, Wade E. Miller, 7/28/03. See attached report cover pages, Exhibit "D".

- a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.
- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

Water Disposal

After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project. Water not meeting quality criteria, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.

Additional Surface Stipulations

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

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the GMBU L-2-9-15, 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 L-2-9-15, 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 #L-2-9-15, Section 2, Township 9S, Range 15E: Lease ML-43538 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, 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.

7/29/11
Date

Mandie Crozier
Regulatory Specialist
Newfield Production Company

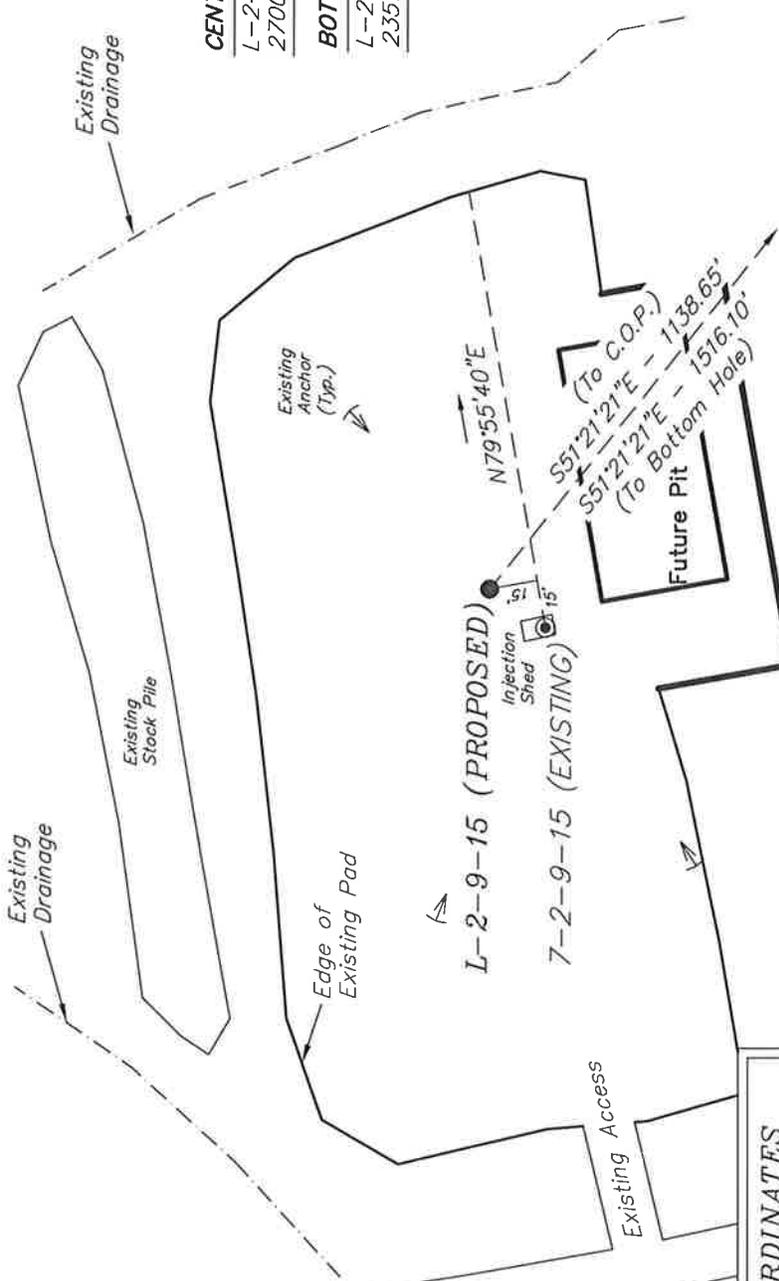
NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

7-2-9-15 (Existing Well)

L-2-9-15 (Proposed Well)

Pad Location: SWNE Section 2, T9S, R15E, S.L.B.&M.



CENTER OF PATTERN FOOTAGES
 L-2-9-15 (PROPOSED)
 2700' FNL & 1360' FEL

BOTTOM HOLE FOOTAGES
 L-2-9-15 (PROPOSED)
 2357' FSL & 1068' FEL

TOP HOLE FOOTAGES
 L-2-9-15 (PROPOSED)
 1977' FNL & 2241' FEL

Note:
 Bearings are based on GPS Observations.

RELATIVE COORDINATES
 From Top Hole to C.O.P.

WELL	NORTH	EAST
L-2-9-15	-711'	889'

RELATIVE COORDINATES
 From Top Hole to Bottom Hole

WELL	NORTH	EAST
L-2-9-15	-947'	1,184'

LATITUDE & LONGITUDE
 Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
7-2-9-15	40° 03' 42.28"	110° 11' 52.72"
L-2-9-15	40° 03' 42.45"	110° 11' 52.56"

SURVEYED BY: D.G.	DATE SURVEYED: 06-03-11	VERSION: V1
DRAWN BY: M.W.	DATE DRAWN: 07-07-11	
SCALE: 1" = 60'	REVISED:	

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

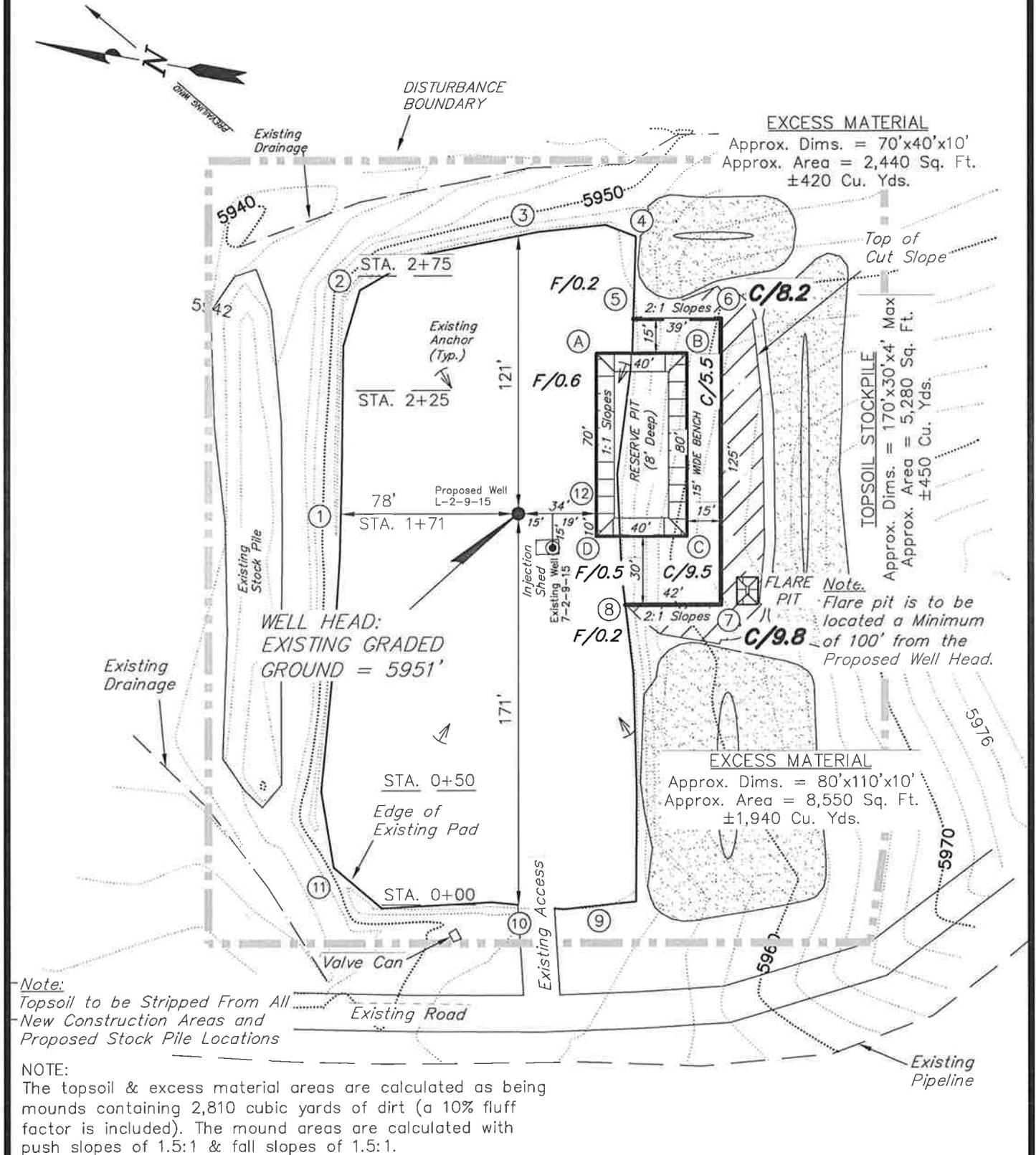
NEWFIELD EXPLORATION COMPANY

LOCATION LAYOUT

7-2-9-15 (Existing Well)

L-2-9-15 (Proposed Well)

Pad Location: SWNE Section 2, T9S, R15E, S.L.B.&M.



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

NOTE:
The topsoil & excess material areas are calculated as being mounds containing 2,810 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.

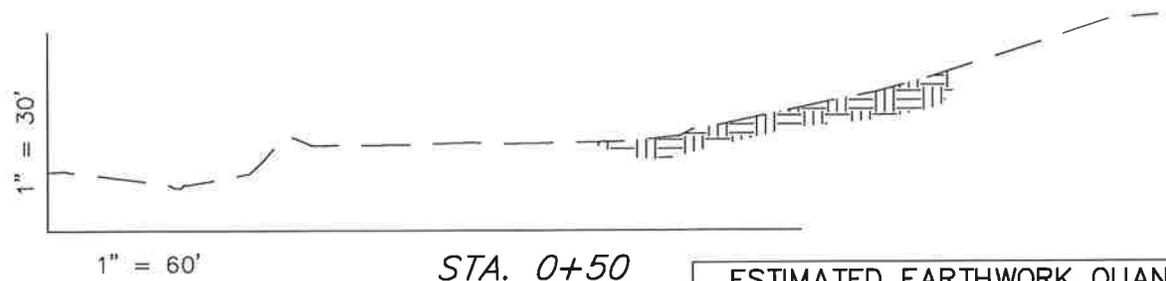
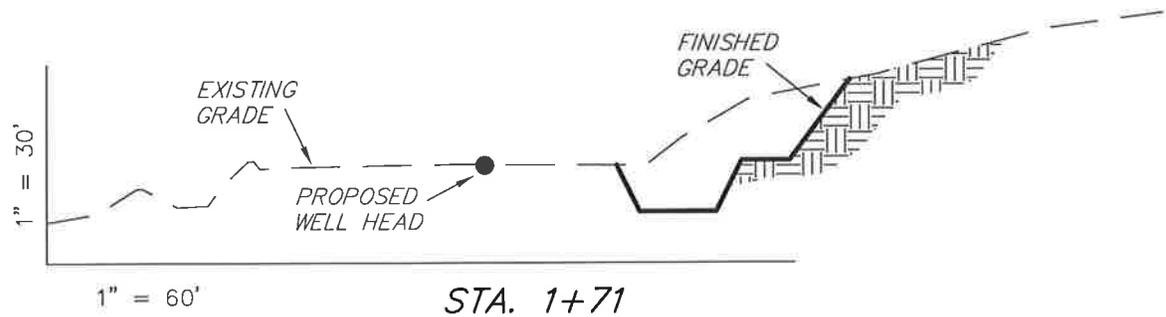
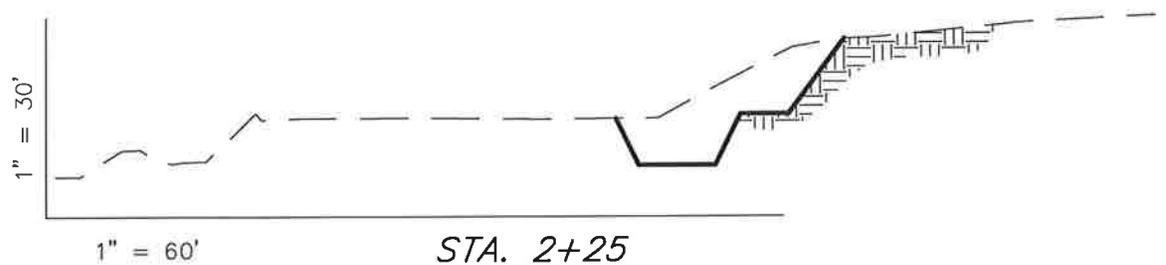
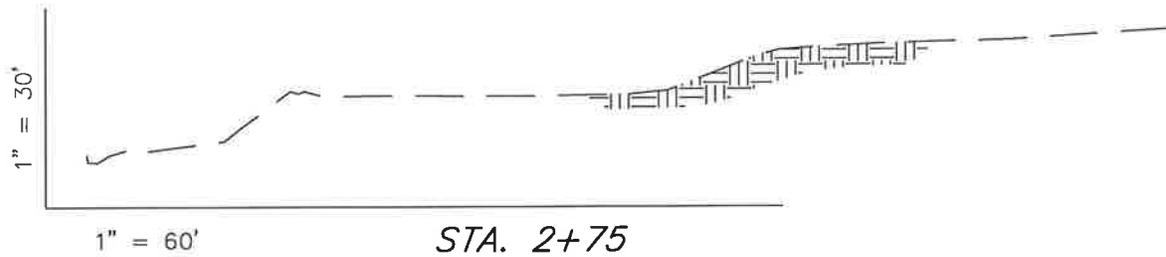
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DRAWN BY: M.W.	DATE DRAWN: 07-07-11	V1
SCALE: 1" = 60'	REVISED:	

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

NEWFIELD EXPLORATION COMPANY

CROSS SECTIONS
 7-2-9-15 (Existing Well)
 L-2-9-15 (Proposed Well)

Pad Location: SWNE Section 2, T9S, R15E, S.L.B.&M.



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

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,500	40	Topsoil is not included in Pad Cut	1,460
PIT	690	0		690
TOTALS	2,190	40	410	2,150

SURVEYED BY: D.G.	DATE SURVEYED: 06-03-11	VERSION:
DRAWN BY: M.W.	DATE DRAWN: 07-07-11	V1
SCALE: 1" = 60'	REVISED:	

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

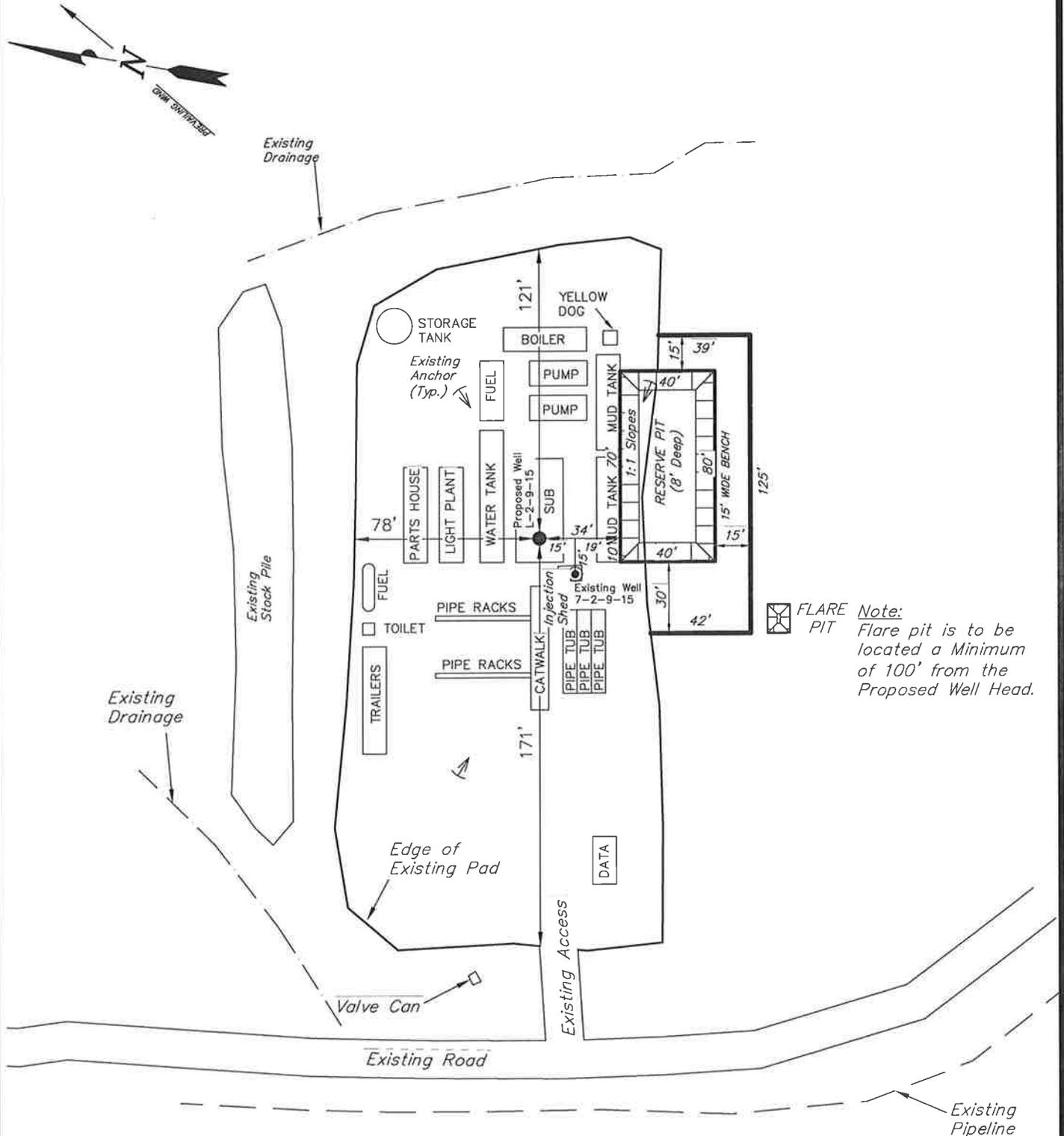
NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT

7-2-9-15 (Existing Well)

L-2-9-15 (Proposed Well)

Pad Location: SWNE Section 2, T9S, R15E, S.L.B.&M.



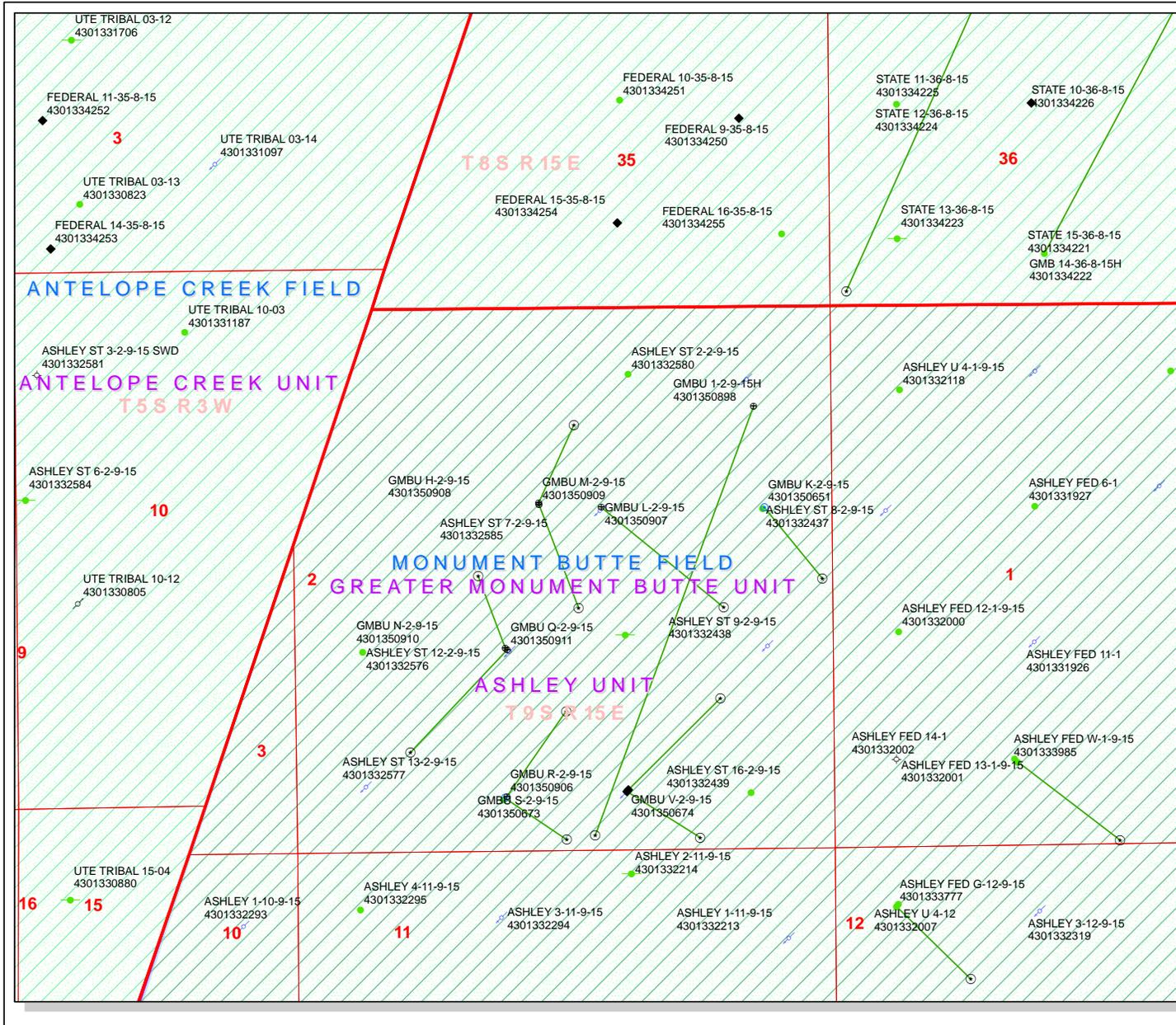
 **FLARE PIT** Note:
Flare pit is to be located a Minimum of 100' from the Proposed Well Head.

SURVEYED BY: D.G.	DATE SURVEYED: 06-03-11	VERSION:
DRAWN BY: M.W.	DATE DRAWN: 07-07-11	V1
SCALE: 1" = 60'	REVISED:	

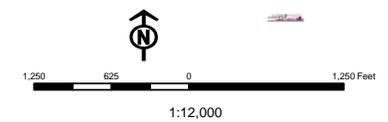
Tri State (435) 781-2501
Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

API Number: 4301350907
Well Name: GMBU L-2-9-15
 Township T0.9 . Range R1.5 . Section 22
Meridian: SLBM
 Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
 Map Produced by Diana Mason



Units	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	DPS - Operation Suspended
PP GEOTHERM	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	



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

August 3, 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)		
43-013-50906	GMBU R-2-9-15	Sec 02 T09S R15E 0561 FSL 2050 FWL BHL Sec 02 T09S R15E 1367 FSL 2620 FEL
43-013-50907	GMBU L-2-9-15	Sec 02 T09S R15E 1977 FNL 2241 FEL BHL Sec 02 T09S R15E 2357 FSL 1068 FEL
43-013-50908	GMBU H-2-9-15	Sec 02 T09S R15E 1893 FNL 1639 FWL BHL Sec 02 T09S R15E 1171 FNL 2510 FEL
43-013-50909	GMBU M-2-9-15	Sec 02 T09S R15E 1913 FNL 1641 FWL BHL Sec 02 T09S R15E 2377 FSL 2492 FEL
43-013-50910	GMBU N-2-9-15	Sec 02 T09S R15E 2015 FSL 2037 FWL BHL Sec 02 T09S R15E 2615 FNL 1043 FWL
43-013-50911	GMBU Q-2-9-15	Sec 02 T09S R15E 2001 FSL 2053 FWL BHL Sec 02 T09S R15E 0994 FSL 1106 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: 2011.08.03 14:18:49 -06'00'

RECEIVED: August 04, 2011

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

MCoulthard:mc:8-3-11



VIA ELECTRONIC DELIVERY

August 9, 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 L-2-9-15
Greater Monument Butte (Green River) Unit

Surface Hole: T9S-R15E Section 2: SWNE (ML-43538)
1977' FNL 2241' FEL

At Target: T9S-R15E Section 2: NESE (ML-43538)
2537' FSL 1068' FEL

Duchesne County, Utah

Dear Ms. Mason:

Pursuant to the filing by Newfield Production Company (NPC) of an Application for Permit to Drill the above referenced well dated 7/28/2011, 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 303-383-4153 or by email at pburns@newfield.com. Your consideration in this matter is greatly appreciated.

Sincerely,
Newfield Production Company

A handwritten signature in blue ink, appearing to read "P. Burns", with a horizontal line extending to the right.

Peter Burns
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-43538	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA	
B. TYPE OF WELL: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. UNIT or CA AGREEMENT NAME: Greater Monument Butte	
2. NAME OF OPERATOR: Newfield Production Company				9. WELL NAME and NUMBER: GMBU L-2-9-15	
3. ADDRESS OF OPERATOR: Route #3 Box 3630 CITY Myton STATE UT ZIP 84052			PHONE NUMBER: (435) 646-3721	10. FIELD AND POOL, OR WLD/CAT: Monument Butte	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: SW/NE 1977' FNL 2241' FEL Sec. 2 T9S R15E AT PROPOSED PRODUCING ZONE: NE/SE 2357' FSL 1068' FEL Sec. 2 T9S R15E				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 2 9S 15E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 14.1 miles southwest of Myton, Utah				12. COUNTY: Duchesne	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) Approx. 1068' f/lse line, NA' f/unit line		16. NUMBER OF ACRES IN LEASE: 621.07 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. 784'		19. PROPOSED DEPTH: 6,487		20. BOND DESCRIPTION: #B001834	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5951' GL		22. APPROXIMATE DATE WORK WILL START: 3rd Qtr. 2011		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	138 sx +/-	1.17 15.8
7 7/8	5 1/2 J-55 15.5	6,487	Lead(Prem Lite II)	310 sx +/-	3.26 11.0
			Tail (50/50 Poz)	363 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 7/23/11

(This space for State use only)

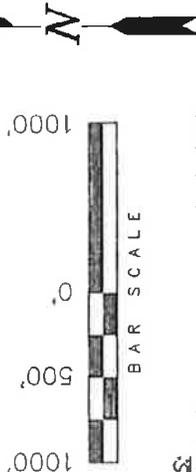
API NUMBER ASSIGNED: _____

APPROVAL: _____

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, L-2-9-15, LOCATED AS SHOWN IN THE SW 1/4 NE 1/4 OF SECTION 2, T9S, R15E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

TARGET BOTTOM HOLE, L-2-9-15, LOCATED AS SHOWN IN THE NE 1/4 SE 1/4 OF SECTION 2, T9S, R15E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



- NOTES:**
- Well footages are measured at right angles to the Section Lines.
 - Bearings are based on Global Positioning Satellite observations.

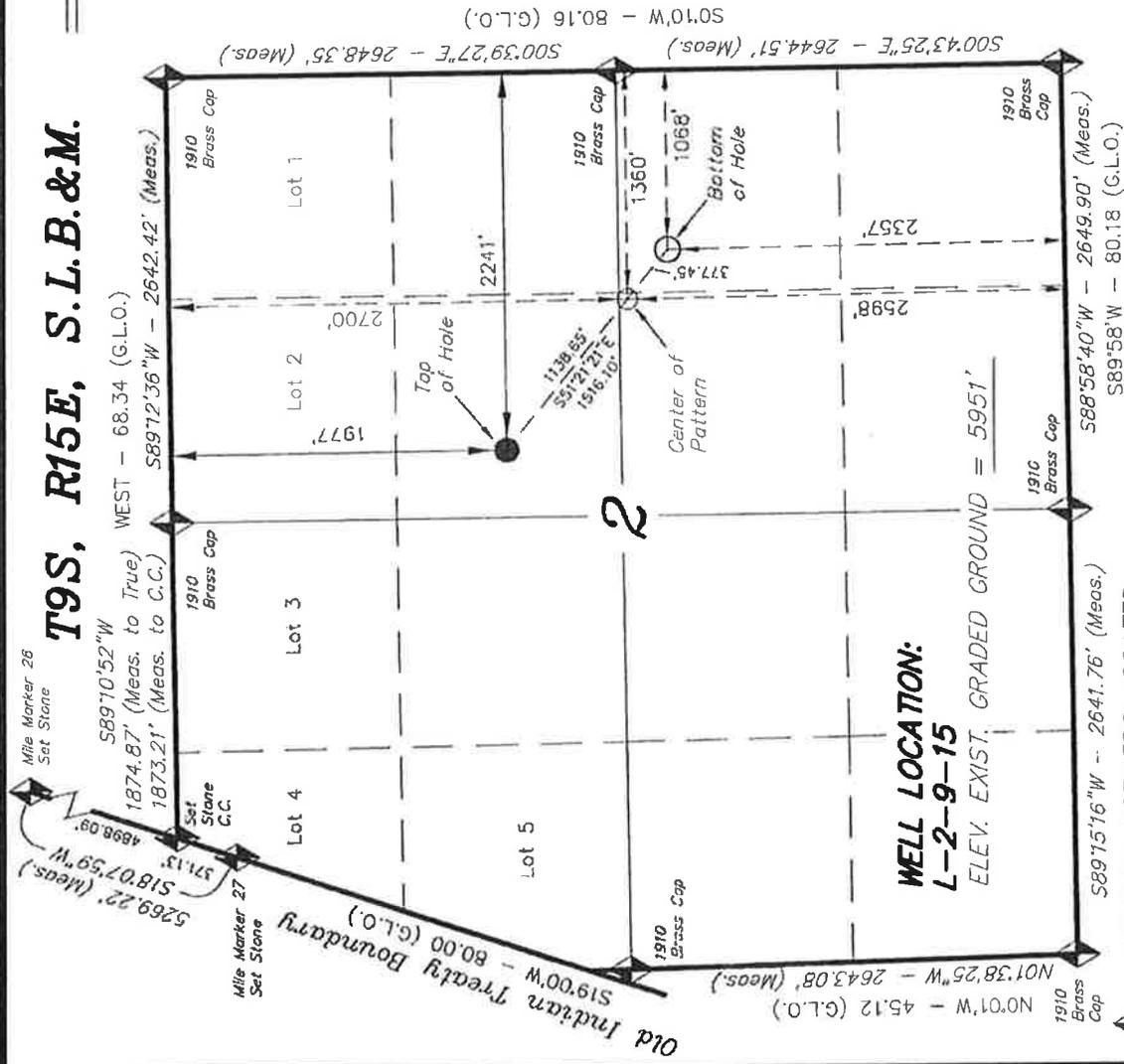
THIS IS TO CERTIFY THAT THE ABOVE REPORT WAS PREPARED FROM FIELD NOTES OF A SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 07-18-11
STACY W.
STATE OF UTAH

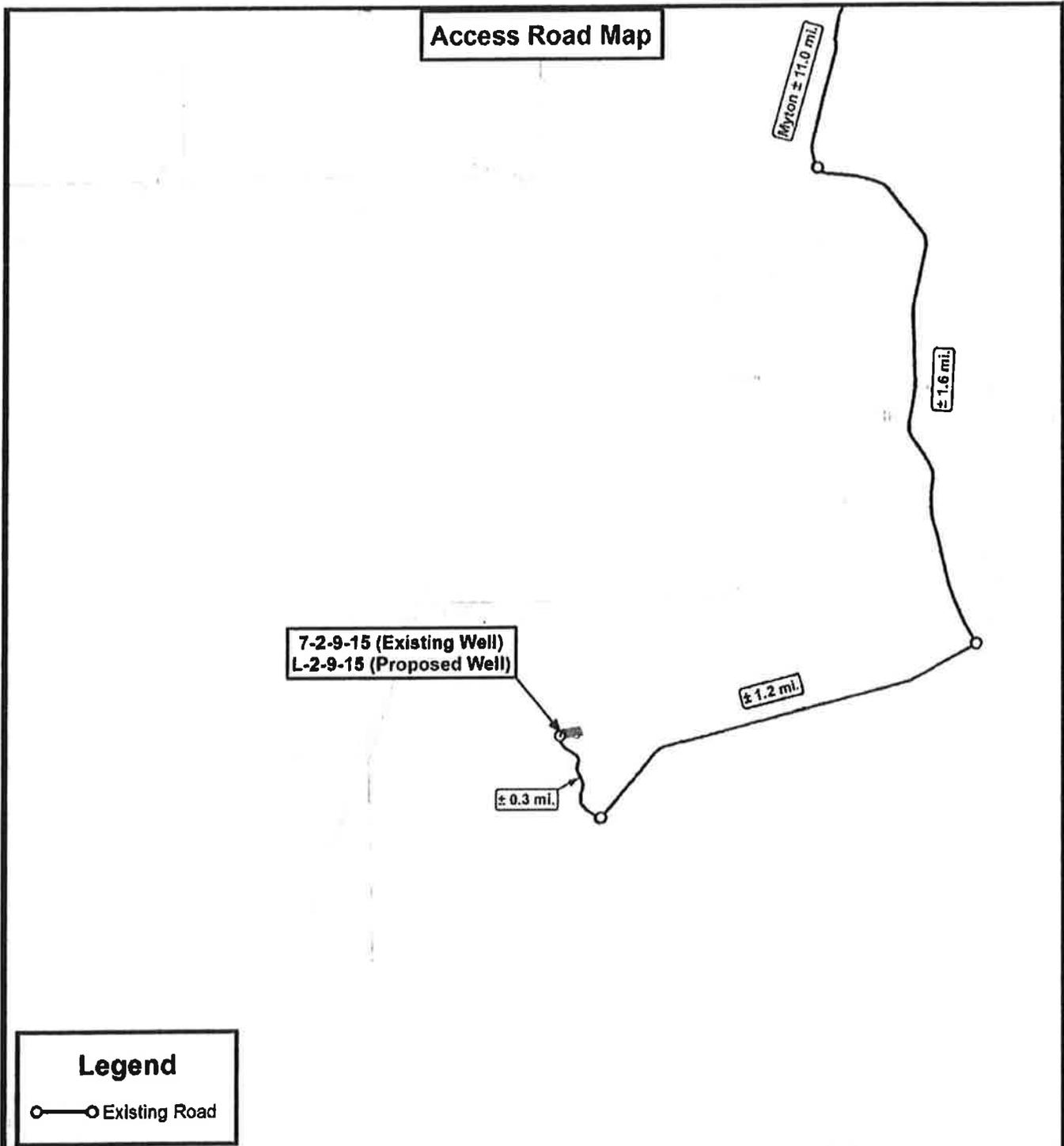
TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 06-03-11	SURVEYED BY: D.G.	VERSION: V1
DATE DRAWN: 07-06-11	DRAWN BY: M.W.	
REVISED:	SCALE: 1" = 1000'	

T9S, R15E, S.L.B.&M.



L-2-9-15
(Surface Location) NAD 83
LATITUDE = 40° 03' 42.45"
LONGITUDE = 110° 11' 52.56"



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
7-2-9-15 (Existing Well)
L-2-9-15 (Proposed Well)
SEC. 2, T9S, R15E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	C.H.M.	REVISED:	VERSION:
DATE:	07-15-2011		V1
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET
B

Well Name	NEWFIELD PRODUCTION COMPANY GMBU L-2-9-15 43013			
String	Surf	Prod		
Casing Size(")	8.625	5.500		
Setting Depth (TVD)	300	6275		
Previous Shoe Setting Depth (TVD)	0	300		
Max Mud Weight (ppg)	8.3	8.4		
BOPE Proposed (psi)	500	2000		
Casing Internal Yield (psi)	2950	4810		
Operators Max Anticipated Pressure (psi)	2717	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=	2741	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	1988	YES <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1361	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)=	1427	NO <input type="checkbox"/> Reasonable for area
Required Casing/BOPE Test Pressure=		2000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		300	psi *Assumes 1psi/ft frac gradient

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

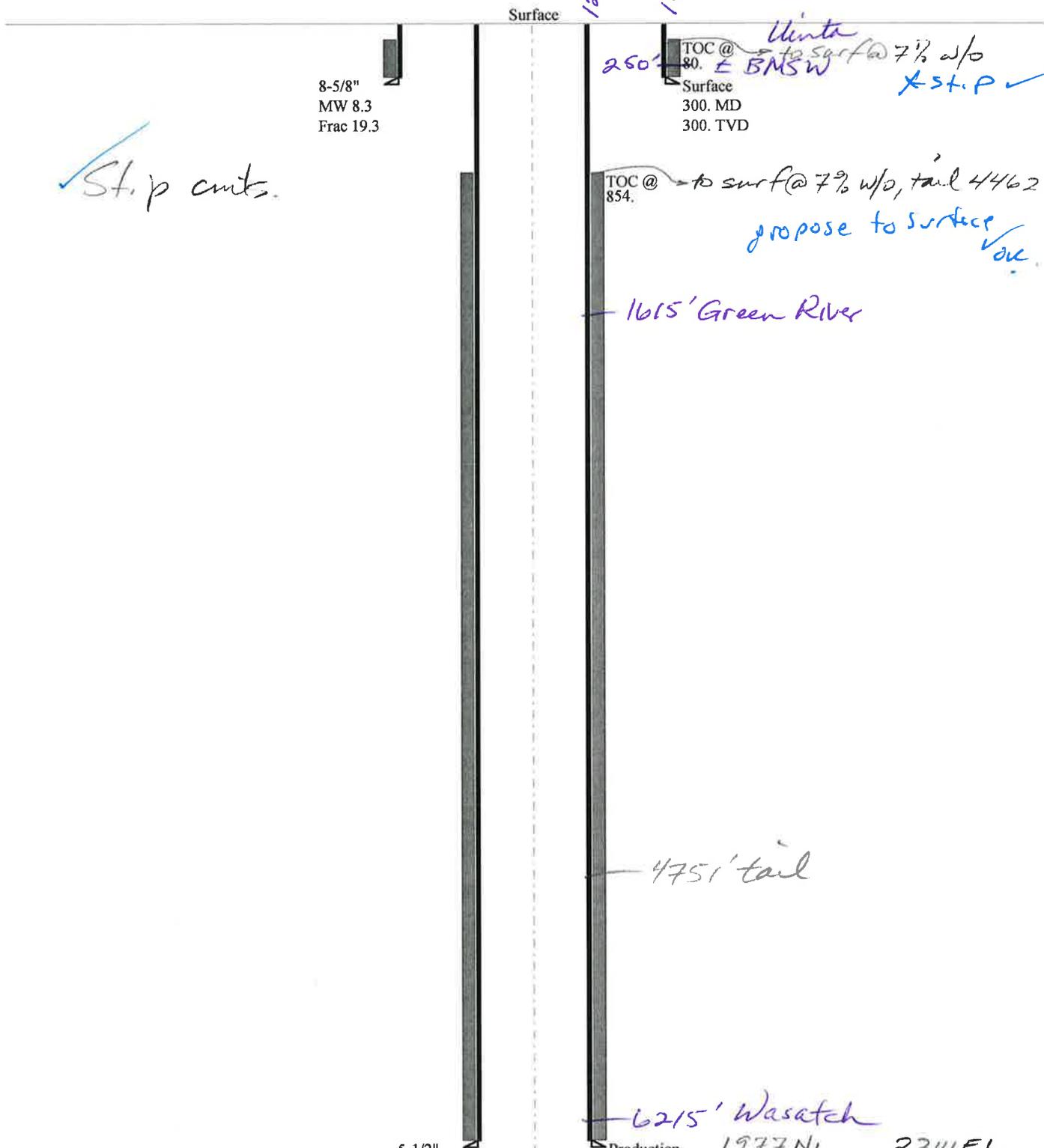
Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO <input type="checkbox"/>
			*Can Full Expected Pressure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

API Well Number: 43013509070000

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

43013509070000 GMBU L-2-9-15

Casing Schematic



✓ St. p cuts.

8-5/8"
MW 8.3
Frac 19.3

TOC @
80. E BMSW
Surface
300. MD
300. TVD

Uinta
to surf @ 7% w/p
*st.p ✓

TOC @ 854. → to surf @ 7% w/p, tail 4462'
propose to surface ✓
OK

1615' Green River

4751' tail

6215' Wasatch

5-1/2"
MW 8.4

Production
6487. MD
6275. TVD

1977 NL	2241 EL
- 947	1184
<u>2924 NL</u>	<u>1057 FEL</u> ✓
5293	

2369 FSL ✓
NE SE Sec 2-9S-15E

OK

Well name:	43013509070000 GMBU L-2-9-15	
Operator:	NEWFIELD PRODUCTION COMPANY	
String type:	Surface	Project ID: 43-013-50907
Location:	DUCHESNE COUNTY	

Design parameters:

Collapse

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

Burst

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

No backup mud specified.

Minimum design factors:

Collapse:

Design factor: 1.125

Burst:

Design factor: 1.00

Tension:

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

Tension is based on air weight.
Neutral point: 262 ft

Environment:

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

Cement top: 80 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 6,275 ft
Next mud weight: 8.400 ppg
Next setting BHP: 2,738 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: August 18, 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.

Well name:	43013509070000 GMBU L-2-9-15		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Production	Project ID:	43-013-50907
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 162 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 100 ft
 Cement top: 854 ft

Burst

Max anticipated surface pressure: 1,358 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 2,738 psi

No backup mud specified.

Tension:

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

Tension is based on air weight.
 Neutral point: 5,655 ft

Directional Info - Build & Hold

Kick-off point 600 ft
 Departure at shoe: 1516 ft
 Maximum dogleg: 1.5 °/100ft
 Inclination at shoe: 16.49 °

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	6487	5.5	15.50	J-55	LT&C	6275	6487	4.825	22906
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	2738	4040	1.475	2738	4810	1.76	97.3	217	2.23 J

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

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

Date: August 18, 2011
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 6275 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

From: Jim Davis
To: Hill, Brad; Mason, Diana
CC: Bonner, Ed; Garrison, LaVonne; mcrozier@newfield.com; teaton@newfield...
Date: 9/20/2011 3:45 PM
Subject: Newfield APD approvals

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

4304751877 GMBU I-32-8-18
4304751878 GMBU H-32-8-18
4304751879 GMBU L-32-8-18
4304751880 GMBU R-32-8-18
4304751881 GMBU M-32-8-18
4304751882 GMBU G-32-8-18
4304751883 GMBU N-32-8-18
4304751884 GMBU S-32-8-18
4301350898 GMBU 1-2-9-15H
4301350906 GMBU R-2-9-15
4301350907 GMBU L-2-9-15
4301350908 GMBU H-2-9-15
4301350909 GMBU M-2-9-15
4301350910 GMBU N-2-9-15
4301350911 GMBU Q-2-9-15

Thanks.

-Jim

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

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name GMBU L-2-9-15
API Number 43013509070000 **APD No** 4287 **Field/Unit** MONUMENT BUTTE
Location: 1/4,1/4 SWNE **Sec 2 Tw 9.0S Rng 15.0E** 1977 FNL 2241 FEL
GPS Coord (UTM) **Surface Owner**

Participants

M. Jones (UDOGM), T. Eaton (Newfield), J. Davis (SITLA), A. Hansen (DWR).

Regional/Local Setting & Topography

This location is proposed approximately 14 road miles southwest of Myton, Utah. The topography is rolling hills and dry wash drainages. Proposed bottom hole is southeast of wellhead. This well is proposed on an existing well pad. There is no additional pad disturbance planned. The old pit area will be re-disturbed for the new pit.

Surface Use Plan

Current Surface Use

Existing Well Pad

New Road Miles

0

Well Pad

Width 112 Length 292

Src Const Material

Onsite

Surface Formation

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

existing pad.

Soil Type and Characteristics

gravely clay

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required? Y

Divert drainages around and away from location and road.

Berm Required? Y

Berm location to prevent fluids from entering and/or leaving the pad.

Erosion Sedimentation Control Required? N

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

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)	>200	0	
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)	10 to 20	5	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
	Final Score	40	1 Sensitivity Level

Characteristics / Requirements

Dugout earthen (80' x 40' x 8') excluded from pad dimensions.

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

Other Observations / Comments

Mark Jones
Evaluator

8/10/2011
Date / Time

Application for Permit to Drill Statement of Basis

9/20/2011

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
4287	43013509070000	SITLA	OW	S	No
Operator	NEWFIELD PRODUCTION COMPANY		Surface Owner-APD		
Well Name	GMBU L-2-9-15	Unit		GMBU (GRRV)	
Field	MONUMENT BUTTE	Type of Work		DRILL	
Location	SWNE 2 9S 15E S 1977 FNL 2241 FEL GPS Coord (UTM) 568451E 4434726N				

Geologic Statement of Basis

Newfield proposes to set 300 feet of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 250'. 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 should adequately protect useable sources of underground water.

Brad Hill
APD Evaluator

8/16/2011
Date / Time

Surface Statement of Basis

This location is proposed approximately 14 road miles southwest of Myton, Utah. The topography is rolling hills and dry wash drainages. Proposed bottom hole is southeast of wellhead. This well is proposed on an existing well pad. There is no additional pad disturbance planned. The old pit area will be re-disturbed for the new pit.

Mark Jones
Onsite Evaluator

8/10/2011
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils 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	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 7/29/2011**API NO. ASSIGNED:** 43013509070000**WELL NAME:** GMBU L-2-9-15**OPERATOR:** NEWFIELD PRODUCTION COMPANY (N2695)**PHONE NUMBER:** 435 646-4825**CONTACT:** Mandie Crozier**PROPOSED LOCATION:** SWNE 02 090S 150E**Permit Tech Review:** **SURFACE:** 1977 FNL 2241 FEL**Engineering Review:** **BOTTOM:** 2357 FSL 1068 FEL**Geology Review:** **COUNTY:** DUCHESNE**LATITUDE:** 40.06190**LONGITUDE:** -110.19739**UTM SURF EASTINGS:** 568451.00**NORTHINGS:** 4434726.00**FIELD NAME:** MONUMENT BUTTE**LEASE TYPE:** 3 - State**LEASE NUMBER:** ML-43538**PROPOSED PRODUCING FORMATION(S):** GREEN RIVER**SURFACE OWNER:** 3 - State**COALBED METHANE:** NO**RECEIVED AND/OR REVIEWED:**

- PLAT**
- Bond:** STATE/FEE - B001834
- Potash**
- Oil Shale 190-5**
- Oil Shale 190-3**
- Oil Shale 190-13**
- Water Permit:** 437478
- RDCC Review:**
- Fee Surface Agreement**
- Intent to Commingle**

Commingle Approved**LOCATION AND SITING:**

- R649-2-3.**
- Unit:** GMBU (GRRV)
- R649-3-2. General**
- R649-3-3. Exception**
- Drilling Unit**
- Board Cause No:** Cause 213-11
- Effective Date:** 11/30/2009
- Siting:** Suspends General Siting
- R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations: 5 - Statement of Basis - bhill
 8 - Cement to Surface -- 2 strings - hmadonald
 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 L-2-9-15
API Well Number: 43013509070000
Lease Number: ML-43538
Surface Owner: STATE
Approval Date: 9/20/2011

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

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross #26 Submitted
By Mitch Benson Phone Number 435-823-5885
Well Name/Number GMBU L-2-9-15
Qtr/Qtr Sw/NE Section 2 Township 9S Range 15E
Lease Serial Number ML-43538
API Number 43-013-50907

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

Date/Time 11/29/11 9:00 AM PM

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

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

Date/Time 11/29/11 2:00 AM PM

BOPE

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

Date/Time _____ AM PM

Remarks _____

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTAH STATE ML-43538

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: GMBU
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU
3. ADDRESS OF OPERATOR: Route 3 Box 3630	CITY Myton STATE UT ZIP 84052	8. WELL NAME and NUMBER: GMBU L-2-9-15
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1997 FNL 2241 FEL		9. API NUMBER: 4301350907
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: , 2, T9S, R15E		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
		COUNTY: DUCHESNE
		STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<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: 12/07/2011	<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 11/29/11 MIRU Ross #26. Spud well @9:00 AM. Drill 340' of 12 1/4" hole with air mist. TIH W/ 8 Jt's 8 5/8" J-55 24# csgn. Set @ 341.81. On 12/6/11 cement with 170 sks of class "G" w/ 2% CaCL2 + 0.25#/sk Cello- Flake Mixed @ 15.8ppg w/ 1.17ft3/sk yield. Returned 8 barrels cement to pit. WOC.

NAME (PLEASE PRINT) Branden Arnold TITLE _____
SIGNATURE *Branden Arnold* DATE 12/07/2011

(This space for State use only)

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DEC 13 2011
DIV. OF OIL, GAS & MINING

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	4301350699	GMBU U-7-9-16	NWNW	7	9S	16E	DUCHESNE	11/21/2011	
WELL 1 COMMENTS: <i>processed 11/30/11 Duplicate</i>											
B	99999	17400 ✓	50703 4301350700	GMBU G-8-9-16	NWNW	8	9S	16E	DUCHESNE	12/5/2011	12/16/11
<i>GRRV BHL=SEnw</i>											
B	99999	17400 ✓	4301350907	GMBU L-2-9-15	SWNE	2	9S	15E	DUCHESNE	11/29/2011	12/16/11
<i>GRRV BHL=NESE</i>											
B	99999	17400 ✓	4301350728	GMBU W-6-9-16	NENW	7 8	9S	16E	DUCHESNE	11/30/2011	12/16/11
<i>GRRV BHL=Sec 6 SWSE</i>											
B	99999	17400 ✓	4301350911	GMBU Q-2-9-15	NESW	2	9S	15E	DUCHESNE	11/29/2011	12/16/11
<i>GRRV BHL=SWSW</i>											
B	99999	17400 ✓	4301350910	GMBU N-2-9-15	NESW	2	9S	15E	DUCHESNE	11/30/2011	12/16/11
<i>GRRV BHL=SWNW</i>											

ACTION CODES (See instructions on back of form)

- A - new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

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

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 DEC 12 2011

Jentri Park
 Signature
 Production Clerk
 12/08/11

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-43538
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: GMBU L-2-9-15	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013509070000	
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: 1977 FNL 2241 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 02 Township: 09.0S Range: 15.0E Meridian: S	COUNTY: DUCHESNE	
	STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<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: 2/7/2012	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input 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 placed on production on 02/07/2012 at 11:30 hours.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 09, 2012		
NAME (PLEASE PRINT) Jennifer Peatross	PHONE NUMBER 435 646-4885	TITLE Production Technician
SIGNATURE N/A	DATE 2/8/2012	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER: ML-43538
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: GMBU L-2-9-15
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013509070000
3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202	PHONE NUMBER: 303 382-4443 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1977 FNL 2241 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 02 Township: 09.0S Range: 15.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE COUNTY: DUCHESNE STATE: UTAH

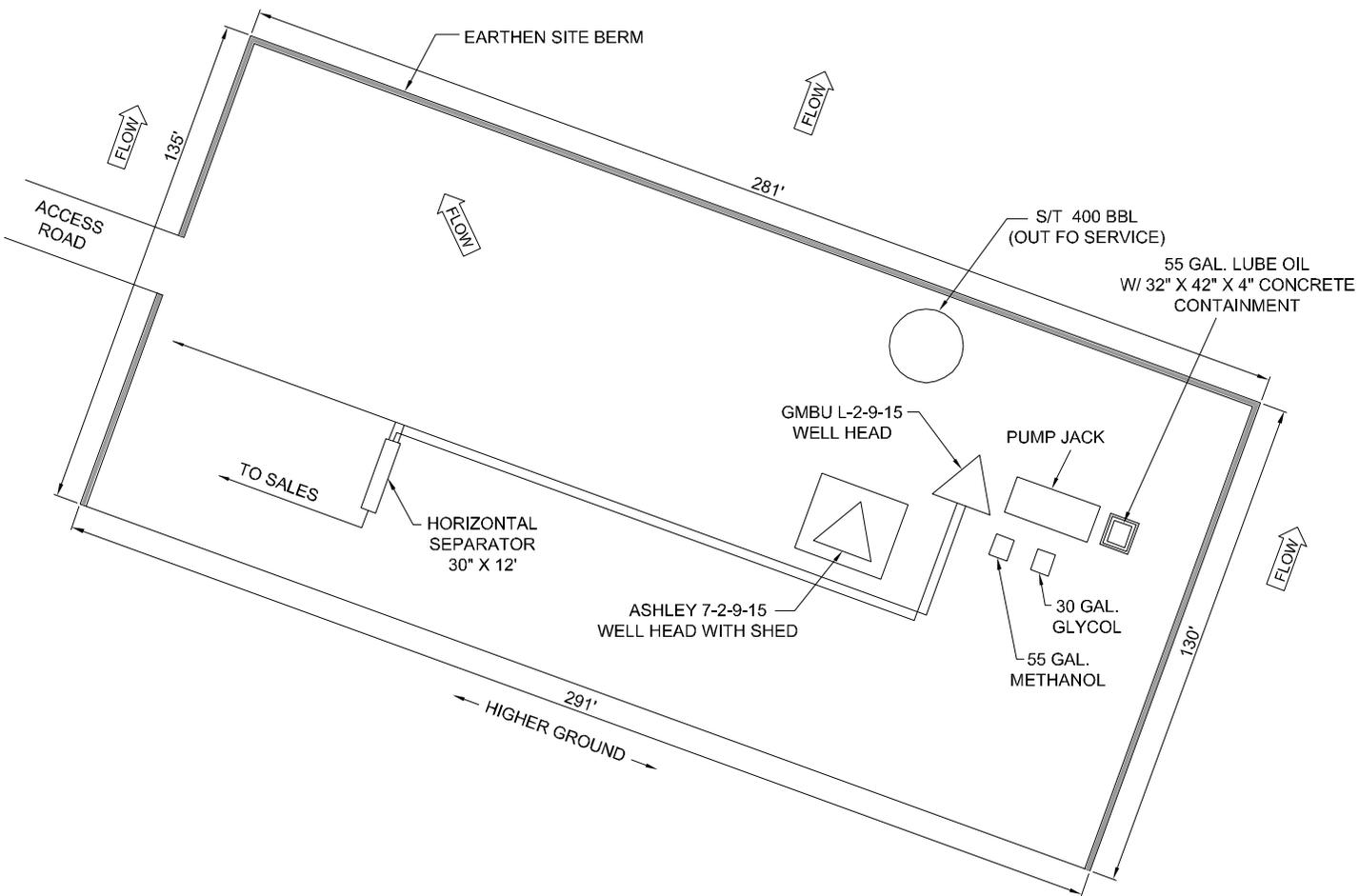
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/1/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Site Facility Diagram/Security"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 SEE ATTACHED REVISED SITE FACILITY DIAGRAM

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 August 27, 2012

NAME (PLEASE PRINT) Jill L Loyle	PHONE NUMBER 303 383-4135	TITLE Regulatory Technician
SIGNATURE N/A	DATE 8/13/2012	



UTU87538X

GMBU L-2-9-15 - API #: 4301350652
 ASHLEY 7-2-9-15 - API #: 4301332585

	GMBU L-2-9-15 Newfield Exploration Company SWNE Sec 2, T9S, R15E Duchesne County, UT
	N.T.S.
	M.G.
	MAR 2012



RECEIVED: Aug. 13, 2012

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-43538

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

6. If Indian, Allottee or Tribe Name
NA

7. Unit or CA Agreement Name and No.
GMBU (GRRV)

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

8. Lease Name and Well No.
GMBU L-2-9-15

3. Address 1401 17TH ST. SUITE 1000 DENVER, CO 80202
 3a. Phone No. (include area code)
(435) 646-3721

9. AFI Well No.
43-013-50907

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

10. Field and Pool or Exploratory
MONUMENT BUTTE

At surface 1977' FNL & 2241' FEL (SW/NE) SEC. 2, T9S, R15E (ML-43538)

11. Sec., T., R., M., on Block and
Survey or Area SEC. 2, T9S, R15E

At top prod. interval reported below 2546' FNL & 1538' FEL (SW/NE) SEC. 2, T9S, R15E (ML-43538)

12. County or Parish 13. State
DUCHESNE UT

At total depth ²⁴⁷⁷2404' FSL & 1142' FEL (NE/SE) SEC. 2, T9S, R15E (ML-43538) *BHL by HSM*

14. Date Spudded 11/29/2011
 15. Date T.D. Reached 12/27/2011
 16. Date Completed 02/07/2012
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5951' GL 5964' KB

18. Total Depth: MD 6460'
TVD 6267'
 19. Plug Back T.D.: MD 6375'
TVD 6183

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) *Electric*
 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	340'		170 CLASS "G"			
7-7/8"	5-1/2" J-55	15.5#	0	6450'		260 PRIMLITE		1'	
						450 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@ 6096'	TA @ 6029'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	4342'	6052'	5906-6052'	.36"	15	
B)			4342-5664'	.34"	51	
C)						
D)						

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

Depth Interval	Amount and Type of Material
4342-6052'	Frac w/ 234765# 20/40 white sand and 1849 bbls 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
2/7/12	2/17/12	24	→	79	44	130			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.)

SOLD AND USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GREEN RIVER	4342'	6052'		GARDEN GULCH MARKER	3835'
				GARDEN GULCH 1	4075'
				GARDEN GULCH 2	4190'
				POINT 3 MARKER	4463'
				X MRKR	4747'
				Y MRKR	4786'
				DOUGLAS CREEK MRKR	4904'
BI-CARBONATE	5149'				
B LIMESTONE	5279'				
CASTLE PEAK	5860'				
BASAL CARBONATE	6289'				

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 *Jennifer Peatross* Date 03/14/2012

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 T9, R15

L-2-9-15

Wellbore #1

Design: Actual

Standard Survey Report

31 December, 2011





Company:	NEWFIELD EXPLORATION	Local Co-ordinate Reference:	Well L-2-9-15
Project:	USGS Myton SW (UT)	TVD Reference:	L-2-9-15 @ 5963.0ft (Capstar 329)
Site:	SECTION 2 T9, R15	MD Reference:	L-2-9-15 @ 5963.0ft (Capstar 329)
Well:	L-2-9-15	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 T9, R15				
Site Position:		Northing:	7,191,145.41 ft	Latitude:	40° 3' 15.350 N
From:	Lat/Long	Easting:	2,005,088.49 ft	Longitude:	110° 11' 49.770 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.83 °

Well	L-2-9-15, SHL LAT: 40 03 42.45 LONG: -110 11 52.56					
Well Position	+N/-S	0.0 ft	Northing:	7,193,883.98 ft	Latitude:	40° 3' 42.450 N
	+E/-W	0.0 ft	Easting:	2,004,831.66 ft	Longitude:	110° 11' 52.560 W
Position Uncertainty	0.0 ft	Wellhead Elevation:	5,963.0 ft	Ground Level:	5,951.0 ft	

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	6/26/2011	11.37	65.78	52,254

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	128.64	

Survey Program	Date 12/31/2011				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
375.0	6,460.0	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
375.0	0.30	29.10	375.0	0.9	0.5	-0.2	0.08	0.08	0.00
406.0	0.30	359.30	406.0	1.0	0.5	-0.2	0.50	0.00	-96.13
437.0	0.30	9.00	437.0	1.2	0.5	-0.3	0.16	0.00	31.29
467.0	0.30	105.30	467.0	1.2	0.6	-0.3	1.49	0.00	321.00
496.0	0.50	117.20	496.0	1.2	0.8	-0.1	0.74	0.69	41.03
527.0	1.10	126.60	527.0	0.9	1.2	0.3	1.97	1.94	30.32
558.0	1.40	123.40	558.0	0.5	1.7	1.0	0.99	0.97	-10.32
588.0	1.40	119.30	588.0	0.1	2.3	1.7	0.33	0.00	-13.67
619.0	1.80	124.80	619.0	-0.3	3.1	2.6	1.38	1.29	17.74
649.0	2.20	131.50	648.9	-1.0	3.9	3.6	1.54	1.33	22.33
679.0	2.50	129.50	678.9	-1.8	4.8	4.9	1.04	1.00	-6.67
710.0	3.00	133.50	709.9	-2.8	5.9	6.4	1.73	1.61	12.90



Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 2 T9, R15
 Well: L-2-9-15
 Wellbore: Wellbore #1
 Design: Actual

Local Co-ordinate Reference: Well L-2-9-15
 TVD Reference: L-2-9-15 @ 5963.0ft (Capstar 329)
 MD Reference: L-2-9-15 @ 5963.0ft (Capstar 329)
 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)
741.0	3.30	131.00	740.8	-3.9	7.2	8.1	1.06	0.97	-8.06
772.0	3.60	132.50	771.8	-5.1	8.6	9.9	1.01	0.97	4.84
802.0	3.90	132.40	801.7	-6.5	10.0	11.9	1.00	1.00	-0.33
833.0	4.20	131.60	832.6	-7.9	11.7	14.1	0.98	0.97	-2.58
879.0	4.80	128.00	878.5	-10.2	14.4	17.7	1.44	1.30	-7.83
924.0	5.50	127.40	923.3	-12.7	17.6	21.7	1.56	1.56	-1.33
969.0	6.00	128.30	968.1	-15.5	21.2	26.2	1.13	1.11	2.00
1,015.0	6.50	128.40	1,013.8	-18.6	25.1	31.2	1.09	1.09	0.22
1,060.0	7.10	130.60	1,058.5	-22.0	29.2	36.6	1.45	1.33	4.89
1,105.0	7.60	130.40	1,103.1	-25.7	33.6	42.3	1.11	1.11	-0.44
1,151.0	8.10	130.50	1,148.7	-29.8	38.4	48.6	1.09	1.09	0.22
1,196.0	8.70	130.90	1,193.2	-34.1	43.4	55.2	1.34	1.33	0.89
1,241.0	9.30	131.30	1,237.7	-38.7	48.7	62.2	1.34	1.33	0.89
1,287.0	9.80	131.60	1,283.0	-43.8	54.4	69.8	1.09	1.09	0.65
1,332.0	10.40	129.90	1,327.3	-48.9	60.4	77.7	1.49	1.33	-3.78
1,377.0	11.10	127.90	1,371.5	-54.2	66.9	86.1	1.76	1.56	-4.44
1,423.0	11.90	126.50	1,416.6	-59.7	74.2	95.3	1.84	1.74	-3.04
1,468.0	12.80	126.10	1,460.6	-65.4	82.0	104.9	2.01	2.00	-0.89
1,513.0	13.60	126.40	1,504.4	-71.5	90.3	115.1	1.78	1.78	0.67
1,559.0	14.30	127.70	1,549.0	-78.2	99.1	126.2	1.67	1.52	2.83
1,604.0	15.00	128.10	1,592.6	-85.2	108.1	137.6	1.57	1.56	0.89
1,649.0	15.60	127.90	1,636.0	-92.5	117.4	149.5	1.34	1.33	-0.44
1,694.0	16.20	128.60	1,679.2	-100.1	127.1	161.8	1.40	1.33	1.56
1,740.0	16.40	128.90	1,723.4	-108.2	137.2	174.7	0.47	0.43	0.65
1,785.0	16.20	129.10	1,766.6	-116.1	147.0	187.3	0.46	-0.44	0.44
1,830.0	15.90	129.70	1,809.8	-124.0	156.6	199.8	0.76	-0.67	1.33
1,876.0	16.20	130.20	1,854.0	-132.2	166.4	212.5	0.72	0.65	1.09
1,921.0	16.30	130.00	1,897.2	-140.3	176.0	225.1	0.25	0.22	-0.44
1,967.0	15.70	129.30	1,941.5	-148.4	185.8	237.8	1.37	-1.30	-1.52
2,012.0	15.70	129.50	1,984.8	-156.1	195.2	249.9	0.12	0.00	0.44
2,058.0	15.80	128.90	2,029.1	-164.0	204.9	262.4	0.42	0.22	-1.30
2,103.0	16.10	127.40	2,072.3	-171.7	214.6	274.8	1.13	0.67	-3.33
2,148.0	16.00	128.00	2,115.6	-179.3	224.4	287.2	0.43	-0.22	1.33
2,193.0	16.40	127.00	2,158.8	-186.9	234.4	299.8	1.08	0.89	-2.22
2,239.0	16.90	125.70	2,202.9	-194.7	245.0	312.9	1.36	1.09	-2.83
2,284.0	17.10	128.30	2,245.9	-202.6	255.5	326.1	1.75	0.44	5.78
2,329.0	17.80	128.50	2,288.8	-211.0	266.1	339.6	1.56	1.56	0.44
2,375.0	18.20	129.10	2,332.6	-219.9	277.2	353.8	0.96	0.87	1.30
2,420.0	18.10	127.80	2,375.3	-228.6	288.1	367.8	0.93	-0.22	-2.89
2,461.0	17.90	126.70	2,414.3	-236.3	298.2	380.5	0.96	-0.49	-2.68
2,511.0	17.60	126.00	2,461.9	-245.3	310.5	395.7	0.74	-0.60	-1.40
2,556.0	17.20	126.60	2,504.9	-253.3	321.3	409.2	0.97	-0.89	1.33
2,601.0	16.40	128.40	2,548.0	-261.2	331.7	422.2	2.12	-1.78	4.00
2,647.0	15.80	129.80	2,592.2	-269.3	341.6	434.9	1.55	-1.30	3.04
2,692.0	15.60	129.90	2,635.5	-277.1	350.9	447.1	0.45	-0.44	0.22
2,737.0	15.90	130.60	2,678.8	-285.0	360.2	459.3	0.79	0.67	1.56
2,783.0	16.50	131.50	2,723.0	-293.4	369.9	472.1	1.41	1.30	1.96
2,828.0	16.80	129.90	2,766.1	-301.8	379.7	485.0	1.22	0.67	-3.56
2,873.0	16.50	129.60	2,809.2	-310.0	389.6	497.9	0.69	-0.67	-0.67
2,918.0	17.10	128.40	2,852.3	-318.2	399.7	510.9	1.54	1.33	-2.67
2,964.0	18.00	127.00	2,896.1	-326.7	410.7	524.8	2.16	1.96	-3.04
3,009.0	18.10	125.80	2,938.9	-335.0	421.9	538.7	0.86	0.22	-2.67
3,054.0	16.20	126.60	2,981.9	-342.8	432.6	552.0	4.25	-4.22	1.78
3,100.0	15.00	129.50	3,026.2	-350.4	442.4	564.3	3.11	-2.61	6.30



Payzone Directional

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 2 T9, R15
Well: L-2-9-15
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well L-2-9-15
TVD Reference: L-2-9-15 @ 5963.0ft (Capstar 329)
MD Reference: L-2-9-15 @ 5963.0ft (Capstar 329)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
3,145.0	15.30	131.00	3,069.6	-358.0	451.3	576.1	1.10	0.67	3.33
3,190.0	15.80	131.30	3,113.0	-366.0	460.4	588.1	1.13	1.11	0.67
3,236.0	14.90	131.40	3,157.4	-374.0	469.6	600.3	1.96	-1.96	0.22
3,281.0	15.30	131.40	3,200.8	-381.8	478.4	612.0	0.89	0.89	0.00
3,326.0	16.30	130.90	3,244.1	-389.8	487.6	624.2	2.24	2.22	-1.11
3,372.0	17.40	130.20	3,288.1	-398.5	497.7	637.6	2.43	2.39	-1.52
3,417.0	17.70	130.20	3,331.0	-407.2	508.1	651.1	0.67	0.67	0.00
3,463.0	18.00	130.20	3,374.8	-416.3	518.8	665.2	0.65	0.65	0.00
3,508.0	18.00	130.30	3,417.6	-425.3	529.5	679.1	0.07	0.00	0.22
3,553.0	17.60	131.00	3,460.5	-434.3	539.9	692.9	1.01	-0.89	1.56
3,599.0	17.00	131.30	3,504.4	-443.3	550.2	706.5	1.32	-1.30	0.65
3,644.0	16.30	131.10	3,547.5	-451.8	559.9	719.4	1.56	-1.56	-0.44
3,689.0	15.80	130.50	3,590.7	-459.9	569.3	731.9	1.17	-1.11	-1.33
3,735.0	15.40	130.10	3,635.0	-467.9	578.7	744.2	0.90	-0.87	-0.87
3,780.0	15.20	130.00	3,678.5	-475.6	587.8	756.1	0.45	-0.44	-0.22
3,825.0	15.10	131.10	3,721.9	-483.2	596.8	767.8	0.68	-0.22	2.44
3,870.0	15.30	130.00	3,765.3	-490.9	605.7	779.6	0.78	0.44	-2.44
3,916.0	15.20	130.20	3,809.7	-498.7	615.0	791.7	0.25	-0.22	0.43
3,961.0	15.30	130.10	3,853.1	-506.3	624.0	803.6	0.23	0.22	-0.22
4,006.0	15.60	128.80	3,896.5	-513.9	633.3	815.6	1.02	0.67	-2.89
4,052.0	15.50	128.40	3,940.8	-521.6	642.9	827.9	0.32	-0.22	-0.87
4,097.0	15.60	128.00	3,984.2	-529.1	652.4	839.9	0.33	0.22	-0.89
4,142.0	15.80	127.20	4,027.5	-536.5	662.1	852.1	0.65	0.44	-1.78
4,188.0	16.20	127.60	4,071.7	-544.2	672.1	864.8	0.90	0.87	0.87
4,233.0	17.10	128.30	4,114.8	-552.1	682.3	877.7	2.05	2.00	1.56
4,278.0	17.40	129.40	4,157.8	-560.5	692.7	891.0	0.98	0.67	2.44
4,323.0	17.60	128.80	4,200.7	-569.0	703.2	904.6	0.60	0.44	-1.33
4,369.0	17.80	128.20	4,244.5	-577.7	714.1	918.6	0.59	0.43	-1.30
4,414.0	18.40	129.19	4,287.3	-586.5	725.0	932.5	1.50	1.33	2.20
4,459.0	18.28	131.56	4,330.0	-595.6	735.8	946.7	1.68	-0.27	5.27
4,505.0	17.49	131.87	4,373.8	-605.0	746.4	960.8	1.73	-1.72	0.67
4,550.0	17.71	130.51	4,416.7	-614.0	756.6	974.4	1.04	0.49	-3.02
4,596.0	18.28	127.47	4,460.4	-622.9	767.7	988.6	2.39	1.24	-6.61
4,641.0	18.76	125.63	4,503.1	-631.4	779.1	1,002.9	1.68	1.07	-4.09
4,686.0	18.15	125.76	4,545.8	-639.8	790.7	1,017.1	1.36	-1.36	0.29
4,731.0	18.02	122.90	4,588.6	-647.6	802.2	1,031.0	1.99	-0.29	-6.36
4,777.0	18.30	121.90	4,632.3	-655.3	814.4	1,045.3	0.91	0.61	-2.17
4,822.0	18.60	123.40	4,675.0	-663.0	826.3	1,059.4	1.25	0.67	3.33
4,868.0	18.40	125.00	4,718.6	-671.2	838.4	1,074.0	1.19	-0.43	3.48
4,913.0	18.10	126.50	4,761.3	-679.4	849.9	1,088.1	1.24	-0.67	3.33
4,958.0	18.90	127.80	4,804.0	-688.1	861.2	1,102.3	2.00	1.78	2.89
5,004.0	19.30	131.30	4,847.5	-697.6	872.8	1,117.4	2.64	0.87	7.61
5,049.0	17.60	134.10	4,890.1	-707.3	883.3	1,131.6	4.26	-3.78	6.22
5,094.0	16.80	135.50	4,933.1	-716.7	892.7	1,144.8	2.00	-1.78	3.11
5,140.0	17.20	134.60	4,977.1	-726.2	902.2	1,158.2	1.04	0.87	-1.96
5,186.1	17.06	134.53	4,992.5	-729.5	905.6	1,162.9	0.90	-0.89	-0.44
L-2-9-15 TGT									
5,185.0	16.80	134.40	5,020.2	-735.4	911.6	1,171.3	0.90	-0.89	-0.45
5,230.0	17.20	132.50	5,063.2	-744.4	921.2	1,184.4	1.52	0.89	-4.22
5,276.0	17.70	130.00	5,107.1	-753.5	931.6	1,198.1	1.96	1.09	-5.43
5,321.0	17.70	128.80	5,149.9	-762.2	942.1	1,211.8	0.81	0.00	-2.67
5,366.0	17.60	128.40	5,192.8	-770.7	952.8	1,225.5	0.35	-0.22	-0.89
5,412.0	17.05	127.34	5,236.7	-779.1	963.6	1,239.2	1.38	-1.20	-2.30
5,457.0	16.17	127.96	5,279.9	-787.0	973.8	1,252.0	1.99	-1.96	1.38



Payzone Directional

Survey Report



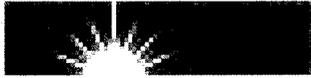
Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 2 T9, R15
Well: L-2-9-15
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well L-2-9-15
TVD Reference: L-2-9-15 @ 5963.0ft (Capstar 329)
MD Reference: L-2-9-15 @ 5963.0ft (Capstar 329)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,502.0	15.12	128.62	5,323.2	-794.5	983.3	1,264.2	2.37	-2.33	1.47
5,548.0	14.11	129.28	5,367.7	-801.8	992.3	1,275.8	2.23	-2.20	1.43
5,593.0	14.02	131.30	5,411.4	-808.9	1,000.7	1,286.7	1.11	-0.20	4.49
5,638.0	13.98	130.51	5,455.0	-816.0	1,008.9	1,297.6	0.43	-0.09	-1.76
5,684.0	13.67	130.02	5,499.7	-823.1	1,017.3	1,308.6	0.72	-0.67	-1.07
5,729.0	12.26	130.77	5,543.5	-829.6	1,025.0	1,318.7	3.16	-3.13	1.67
5,774.0	11.34	132.88	5,587.6	-835.8	1,031.8	1,327.8	2.26	-2.04	4.69
5,820.0	10.24	134.33	5,632.8	-841.7	1,038.1	1,336.4	2.46	-2.39	3.15
5,875.0	9.54	130.02	5,687.0	-848.1	1,045.1	1,345.8	1.85	-1.27	-7.84
5,910.0	9.76	129.58	5,721.5	-851.8	1,049.6	1,351.7	0.66	0.63	-1.26
5,956.0	9.45	130.70	5,766.8	-856.8	1,055.5	1,359.4	0.79	-0.67	2.43
6,001.0	8.70	132.40	5,811.3	-861.5	1,060.8	1,366.5	1.77	-1.67	3.78
6,046.0	7.91	133.36	5,855.8	-865.9	1,065.5	1,373.0	1.78	-1.76	2.13
6,092.0	7.95	132.44	5,901.3	-870.2	1,070.2	1,379.3	0.29	0.09	-2.00
6,137.0	7.51	131.74	5,945.9	-874.3	1,074.7	1,385.3	1.00	-0.98	-1.56
6,182.0	6.94	130.33	5,990.6	-878.0	1,078.9	1,391.0	1.33	-1.27	-3.13
6,228.0	6.50	133.05	6,036.3	-881.6	1,083.0	1,396.3	1.18	-0.96	5.91
6,273.0	6.11	134.94	6,081.0	-885.0	1,086.5	1,401.3	0.98	-0.87	4.20
6,318.0	5.98	137.19	6,125.7	-888.4	1,089.8	1,406.0	0.60	-0.29	5.00
6,364.0	5.76	139.38	6,171.5	-891.9	1,092.9	1,410.6	0.68	-0.48	4.76
6,396.0	5.58	140.92	6,203.3	-894.3	1,095.0	1,413.7	0.74	-0.56	4.81
6,460.0	5.58	140.92	6,267.0	-899.2	1,098.9	1,419.8	0.00	0.00	0.00

Checked By: _____ Approved By: _____ Date: _____

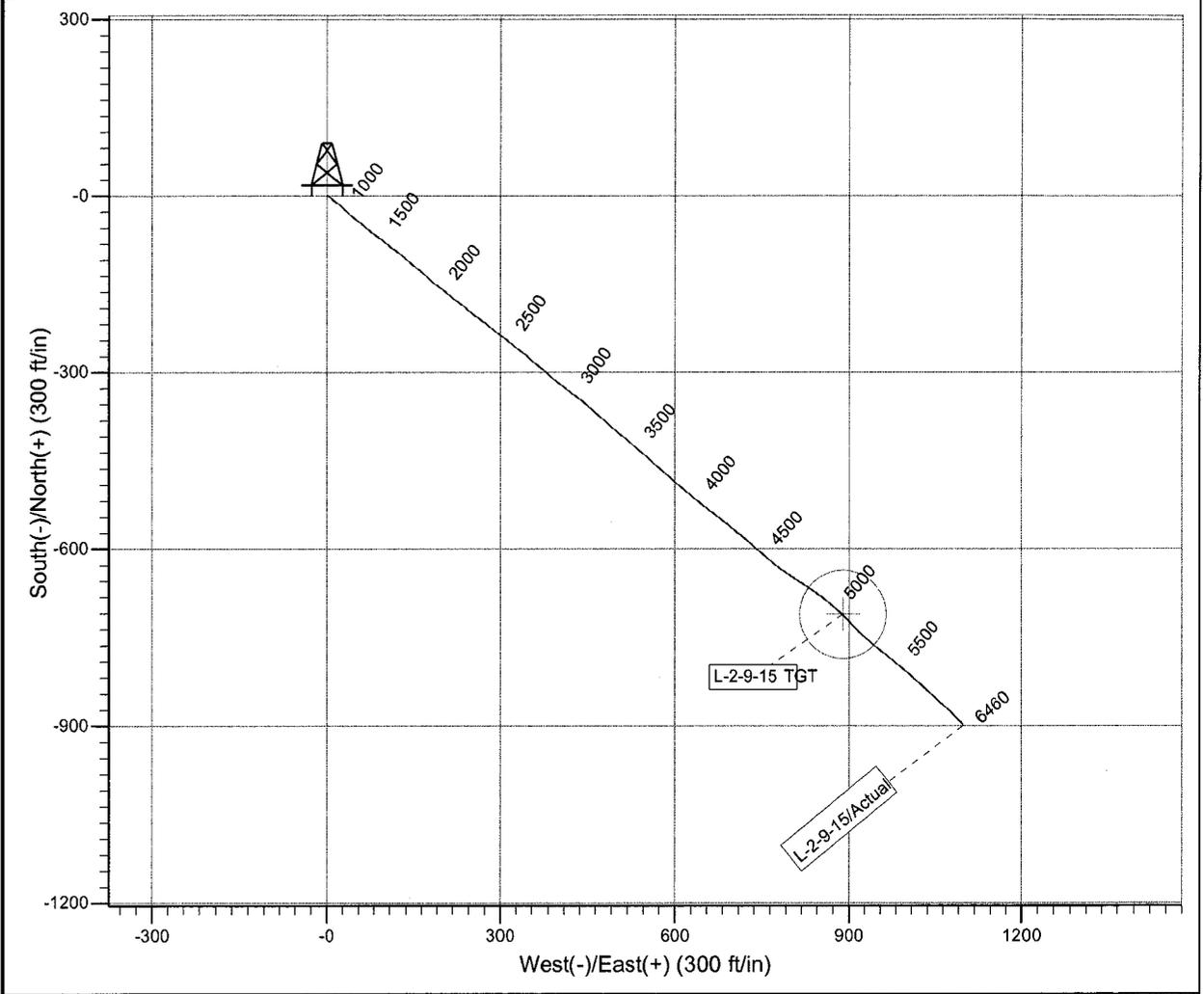
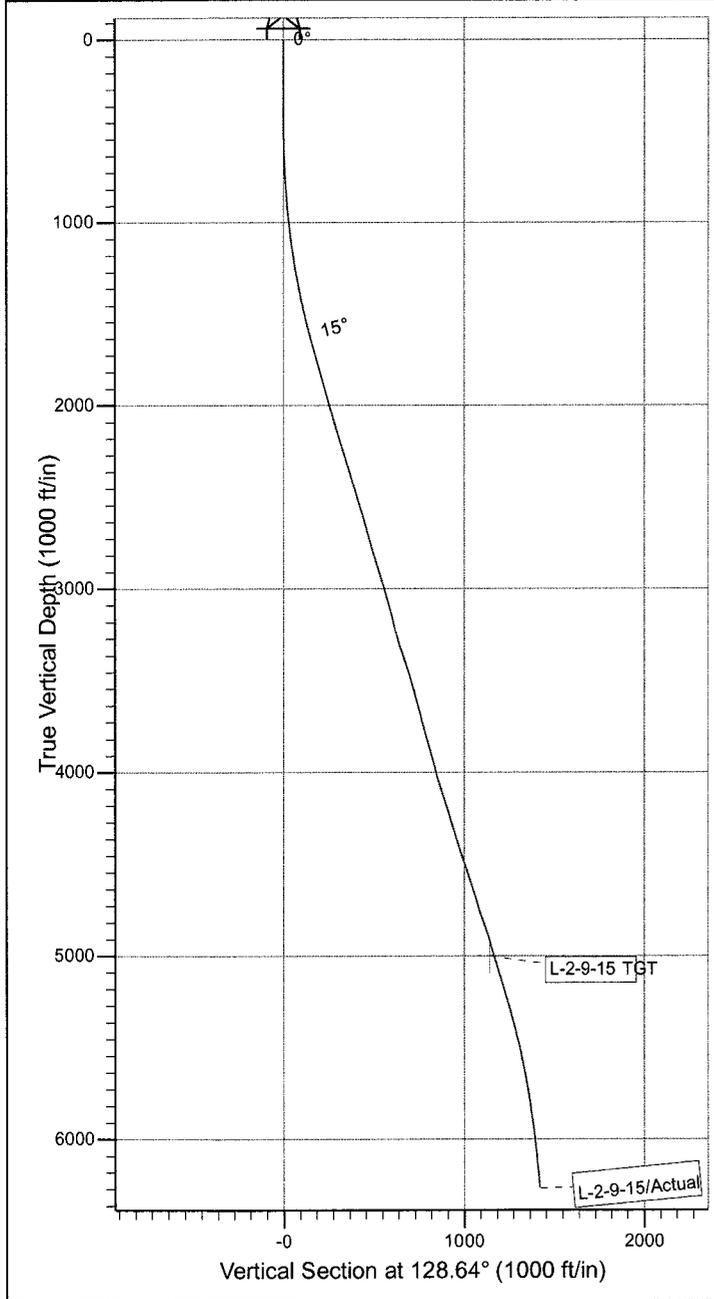
NEWFIELD



Project: USGS Myton SW (UT)
 Site: SECTION 2 T9, R15
 Well: L-2-9-15
 Wellbore: Wellbore #1
 Design: Actual

Azimuths to True North
 Magnetic North: 11.37°

Magnetic Field
 Strength: 52253.8snT
 Dip Angle: 65.78°
 Date: 6/26/2011
 Model: IGRF2010



Design: Actual (L-2-9-15/Wellbore #1)

Created By: Sarah Webb Date: 9:15, December 31 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 L-2-9-15

10/1/2011 To 2/29/2012

GMBU L-2-9-15

Waiting on Cement

Date: 12/7/2011

Ross #26 at 342. Days Since Spud - 341.81'KB. On 12/6/11 cement w/BH w/170 sks of class G+2%kcl+.25#CF mixed @ 15.8ppg and 1.17 - On 11/29/11 Ross #26 spud and drilled 340' of 12 1/4" hole, P/U and run 8 jts of 8 5/8" casing set - yield. Returned 8bbbls to pit, bump plug to 431psi, BLM and State were notified of spud via email.

Daily Cost: \$0

Cumulative Cost: \$56,913

GMBU L-2-9-15

Rigging Up

Date: 12/21/2011

Capstar #329 at 342. 0 Days Since Spud - Rig Down Prepair for Move To GMBU L-2-9-15 - Sent Rig Move & BOPE Test Notice via Email to State & BLM 12/20/11

Daily Cost: \$0

Cumulative Cost: \$60,173

GMBU L-2-9-15

P/U BHA

Date: 12/22/2011

Capstar #329 at 342. 0 Days Since Spud - Rig Up on GMBU L-2-9-15 - Move Rig 15 Miles With Howcroft Trucking - Held 30 min Safety With Trucking Company, On Pinch Points, Body Postion, Using Tag Lines - Wait On Daylight - R/U B&C Quick Test, Accept Rig @ 01:30AM 12/22/11. Test Upper Kelly Valve, Safety Valve, Pipe Rams, - Blind Rams, Choke Line & Manifold to 2000 psi for 10 mins, Test Annular to 1500 psi for 10 Mins, Test - 8 5/8 Surface Casing to 1500 psi for 30 mins. Everything Tested OK. - Set Pipe Racks and BHA. Thaw Out Ari Lines to Control on Floor. - P/U Dir. Tools & BHA, Scribe Tools. Tag cement at - Nipple Up BOPE

Daily Cost: \$0

Cumulative Cost: \$89,185

GMBU L-2-9-15

Drill 7 7/8" hole with fresh water

Date: 12/23/2011

Capstar #329 at 3350. 1 Days Since Spud - Rig service. Function test BOP and crown-o-matic. - Drill 7 7/8" hole from 300' to 2076' with 15,000 lbs WOB, 160 total RPM, 400 GPM, 161.45 fph avg ROP - Hook up kelly hose and hold spud meeting - Drill 7 7/8" hole from 2076' to 3350' with 15,000 lbs WOB, 160 total RPM, 400 GPM, 106.1 fph avg ROP

Daily Cost: \$0

Cumulative Cost: \$114,939

GMBU L-2-9-15

Drill 7 7/8" hole with fresh water

Date: 12/24/2011

Capstar #329 at 4493. 2 Days Since Spud - Rig srvice function test BOP and crown-o-matic - Trip out of hole. - Circulate and build heavy slug for trip. - Would not drill or gain differential pressure. Decision made to trip out of hole - Drill 7 7/8" hole from 4206' to 4493' with 15,000 lbs WOB, 160 total RPM, 400 GPM, 106.1 fph avg ROP - Drill 7 7/8" hole from 3350' to 4206' with 15,000 lbs WOB, 160 total RPM, 400 GPM, 99.4 fph avg ROP

Daily Cost: \$0

Cumulative Cost: \$176,964

GMBU L-2-9-15**Drill 7 7/8" hole with fresh water****Date:** 12/25/2011

Capstar #329 at 5482. 3 Days Since Spud - Trip in the hole - Drill 7 7/8" hole from 4841' to 5480' with 15,000 lbs WOB, 160 total RPM, 400 GPM, 53.25 fph avg ROP - Rig service. Function test BOP and crown-o-matic - Drill 7 7/8" hole from 4493' to 4841' with 15,000 lbs WOB, 160 total RPM, 400 GPM, 46.4 fph avg ROP - Dress bit # 2, p/u new mud motor and scribe directional tools. - Hold JSA on tripping in hole.

Daily Cost: \$0**Cumulative Cost:** \$196,418

GMBU L-2-9-15**Logging****Date:** 12/26/2011

Capstar #329 at 6460. 4 Days Since Spud - Rig service. Function test BOP and crown-o-matic - Drill 7 7/8" hole from 5480' to 6428' with 15,000 lbs WOB, 160 total RPM, 400 GPM, 82.43 fph avg ROP - Drill 7 7/8" hole from 6428' to 6460' with 15,000 lbs WOB, 160 total RPM, 400 GPM, 53.25 fph avg ROP - Lay down pipe and check flow at 5000 well flowing at 5 gal/min. - Lay down pipe to 3000' Spot 160 bbls of 10# brine. Check flow none. - Spot 160 bbls of 10# brine. Check flow none. - Finish laying down DP and BHA - Rig up Halliburton wireline and begin to log. - Circulate

Daily Cost: \$0**Cumulative Cost:** \$282,461

GMBU L-2-9-15**Wait on Completion****Date:** 12/27/2011

Capstar #329 at 6460. 5 Days Since Spud - 50:50:2+3%KCL+.5%EC-1+.25#CF+.05#SF+.3SMS+FP-6L. Mixed at 14.4 ppg 1.24 yield. Return 30 bbls to pit - Circulate. - Run Tripple combo suite TD to 3600' 30'/hr. - Pump 260 sacks PL11+3% KCL+5#CSE+.5#CF+5#KOL+.5SMS+FP+SF. Pumped at 11ppg 3.43 yield Then 450 sacks - R/U and run 156 jt 5 1/2" 15.50# J55 casing set at 6449'/KB Float collar at 6402' - Land casing mandrel w/ 85,000# tension - Clean mud tanks. Release rig at 0330 12/27/2011

Finalized**Daily Cost:** \$0**Cumulative Cost:** \$418,822

Pertinent Files: Go to File List