

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-20-8-17				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT MONUMENT BUTTE				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME GMBU (GRRV)				
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY						7. OPERATOR PHONE 435 646-4825				
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052						9. OPERATOR E-MAIL mcrozier@newfield.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU-76954			11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Brad Lee and JoAnn H Nelson						14. SURFACE OWNER PHONE (if box 12 = 'fee')				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') po box, ,						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		1766 FNL 459 FEL		SENE	20	8.0 S	17.0 E	S		
Top of Uppermost Producing Zone		2401 FNL 1048 FEL		SENE	20	8.0 S	17.0 E	S		
At Total Depth		2392 FSL 1551 FEL		NWSW	20	8.0 S	17.0 E	S		
21. COUNTY DUCHESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 2392			23. NUMBER OF ACRES IN DRILLING UNIT 20				
27. ELEVATION - GROUND LEVEL 5257			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1346			26. PROPOSED DEPTH MD: 6716 TVD: 6495				
28. BOND NUMBER WYB000493			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 - 6495	15.5	J-55 LT&C	8.3	Premium Lite High Strength	326	3.43	11.0
							50/50 Poz	363	1.24	14.4
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"/> 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 01/10/2013			EMAIL mcrozier@newfield.com			
API NUMBER ASSIGNED 43013519710000				APPROVAL  Permit Manager						

NEWFIELD PRODUCTION COMPANY
GMBU L-20-8-17
AT SURFACE: SE/NE SECTION 20, T8S R17E
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' – 1780'
Green River	1780'
Wasatch	6690'
Proposed TD	6716'

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

Green River Formation (Oil)	1780' – 6690'
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Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

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

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

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

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO ₃) (mg/l)
Dissolved Bicarbonate (NaHCO ₃) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO ₄) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. **PROPOSED CASING PROGRAM**

a. **Casing Design: GMBU L-20-8-17**

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	300'	24.0	J-55	STC	2,950 17.53	1,370 14.35	244,000 33.89
Prod casing 5-1/2"	0'	6,716'	15.5	J-55	LTC	4,810 2.25	4,040 1.89	217,000 2.08

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-20-8-17**

Job	Fill	Description	Sacks	OH Excess*	Weight (ppg)	Yield (ft ³ /sk)
			ft ³			
Surface casing	300'	Class G w/ 2% CaCl	138	30%	15.8	1.17
			161			
Prod casing Lead	4,716'	Prem Lite II w/ 10% gel + 3% KCl	326	30%	11.0	3.26
			1062			
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:**

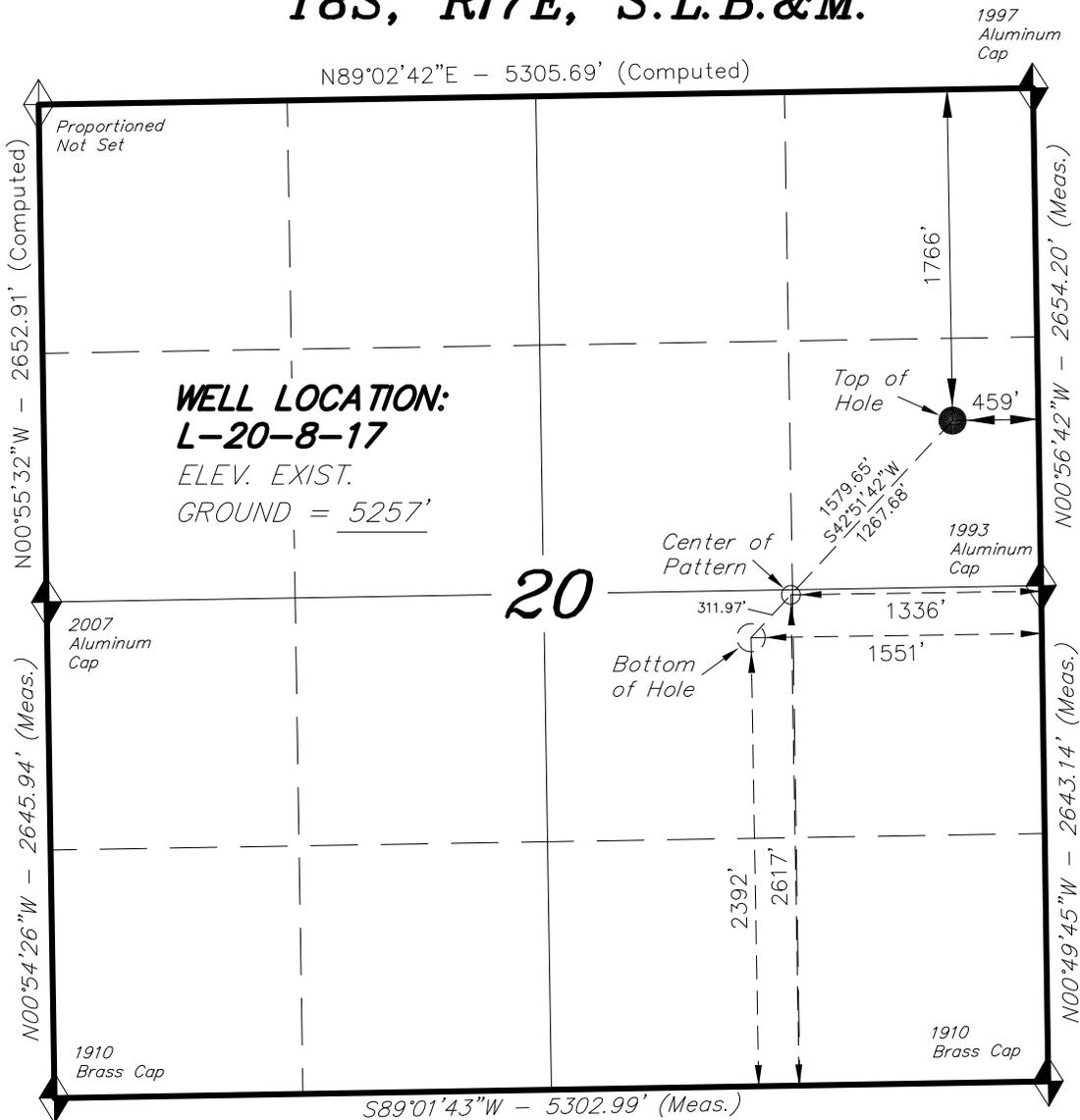
No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated

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 2013, and take approximately seven (7) days from spud to rig release.

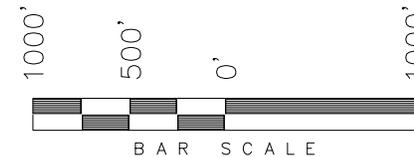
T8S, R17E, S.L.B.&M.



NEWFIELD EXPLORATION COMPANY

WELL LOCATION, L-20-8-17, LOCATED AS SHOWN IN THE SE 1/4 NE 1/4 OF SECTION 20, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

TARGET BOTTOM HOLE, L-20-8-17, LOCATED AS SHOWN IN THE NW 1/4 SE 1/4 OF SECTION 20, T8S, R17E, 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.

REGISTERED LAND SURVEYOR
 No. 189377
 12-05-12
 STACY W. STEWART
 REGISTERED LAND SURVEYOR
 REGISTRATION No. 008373
 STATE OF UTAH

◆ = 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'

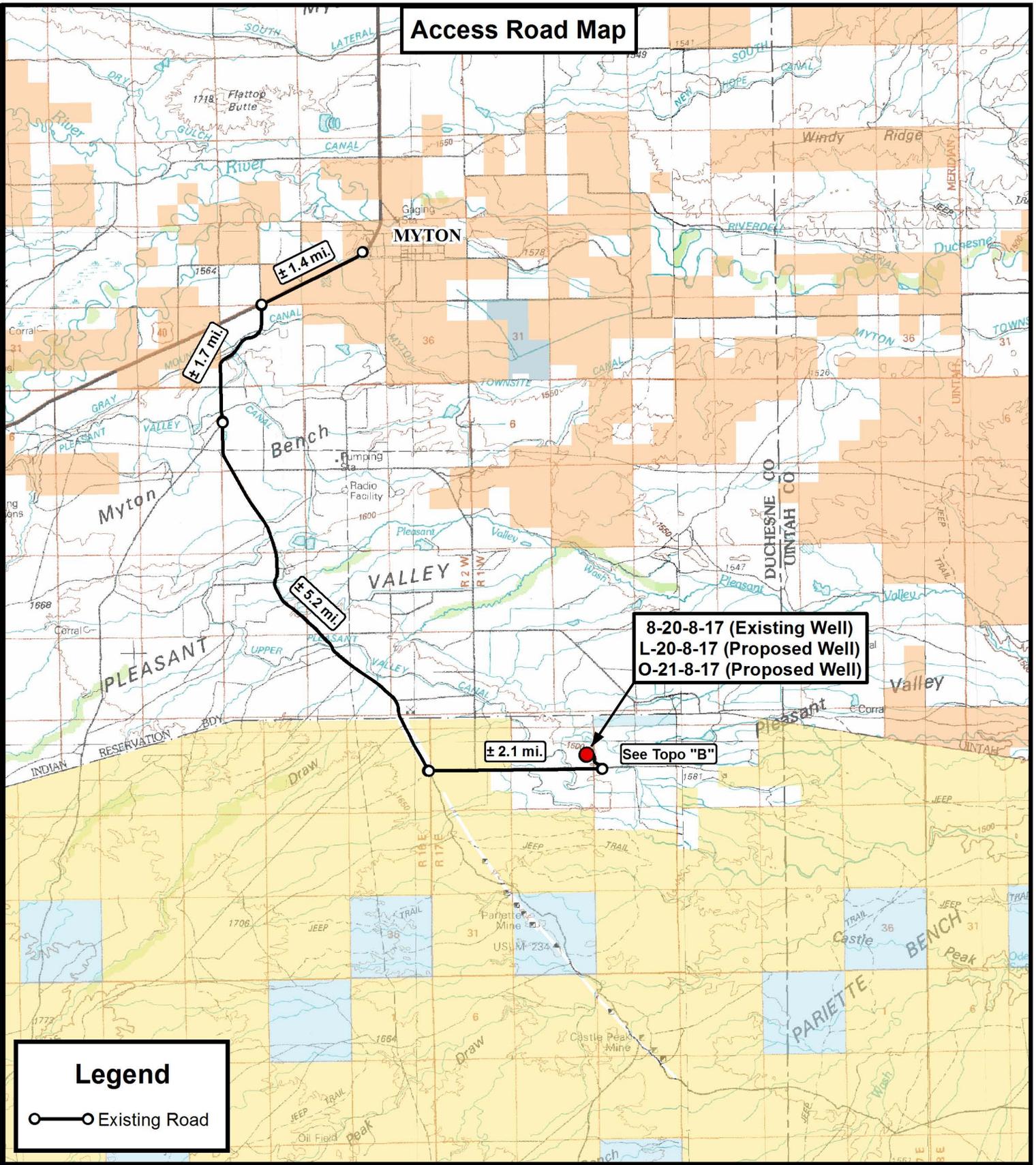
NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°06'21.18"	
LONGITUDE = 110°01'21.08"	
NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°06'21.32"	
LONGITUDE = 110°01'18.54"	
NAD 83 (CENTER OF PATTERN)	NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 40°06'12.14"	LATITUDE = 40°06'09.92"
LONGITUDE = 110°01'32.37"	LONGITUDE = 110°01'35.15"
NAD 27 (CENTER OF PATTERN)	NAD 27 (BOTTOM HOLE LOCATION)
LATITUDE = 40°06'12.28"	LATITUDE = 40°06'10.06"
LONGITUDE = 110°01'29.83"	LONGITUDE = 110°01'32.61"

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 11-29-12	SURVEYED BY: W.H.	VERSION:
DATE DRAWN: 12-05-12	DRAWN BY: V.H.	V1
REVISED:	SCALE: 1" = 1000'	

Access Road Map



8-20-8-17 (Existing Well)
 L-20-8-17 (Proposed Well)
 O-21-8-17 (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

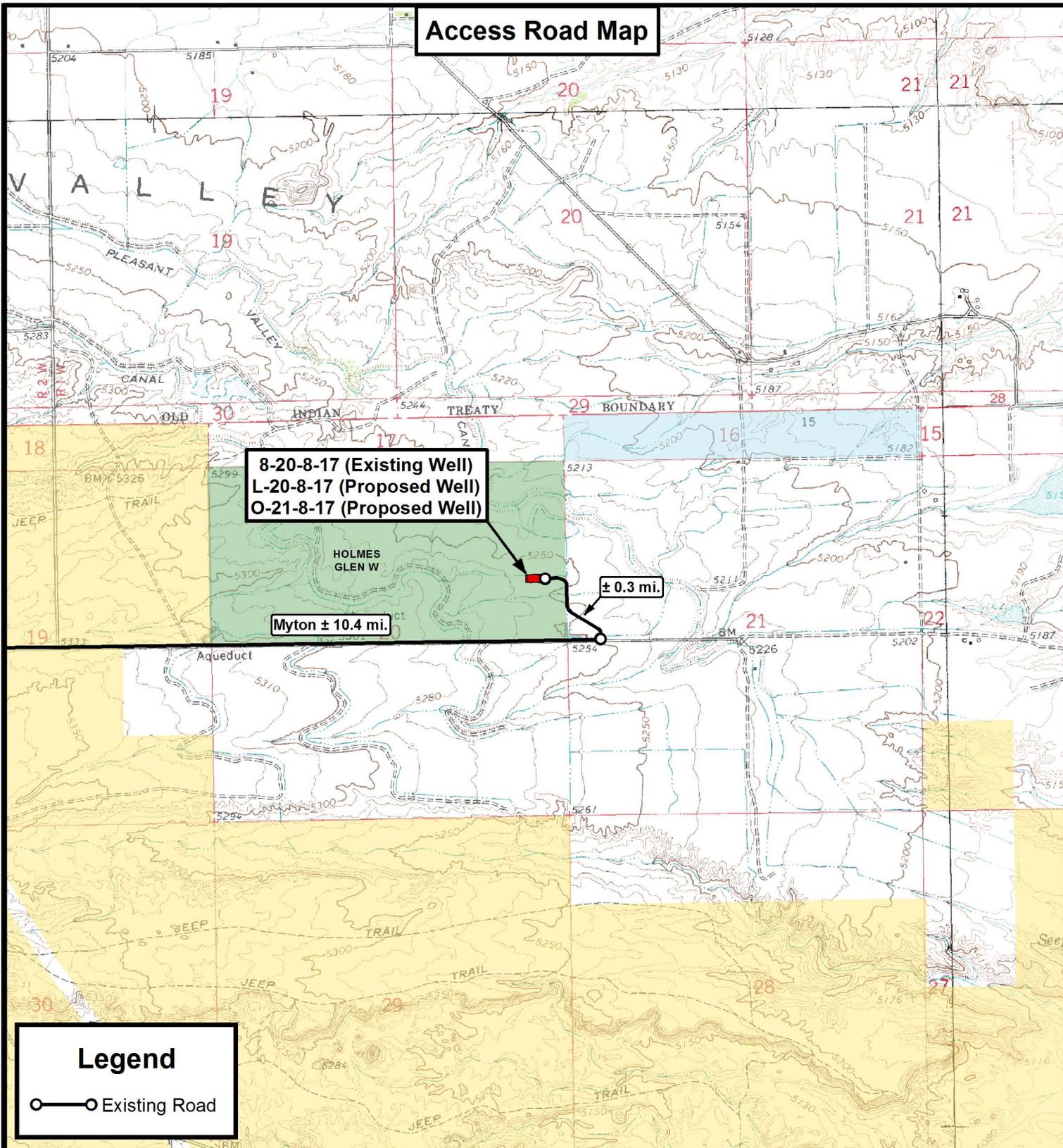
8-20-8-17 (Existing Well)
 L-20-8-17 (Proposed Well)
 O-21-8-17 (Proposed Well)
 SEC. 20, T8S, R17E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	12-05-2012		V1
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET
A

Access Road Map



**8-20-8-17 (Existing Well)
L-20-8-17 (Proposed Well)
O-21-8-17 (Proposed Well)**

± 0.3 mi.

Myton ± 10.4 mi.

Legend

○ — ○ Existing Road

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

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

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F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

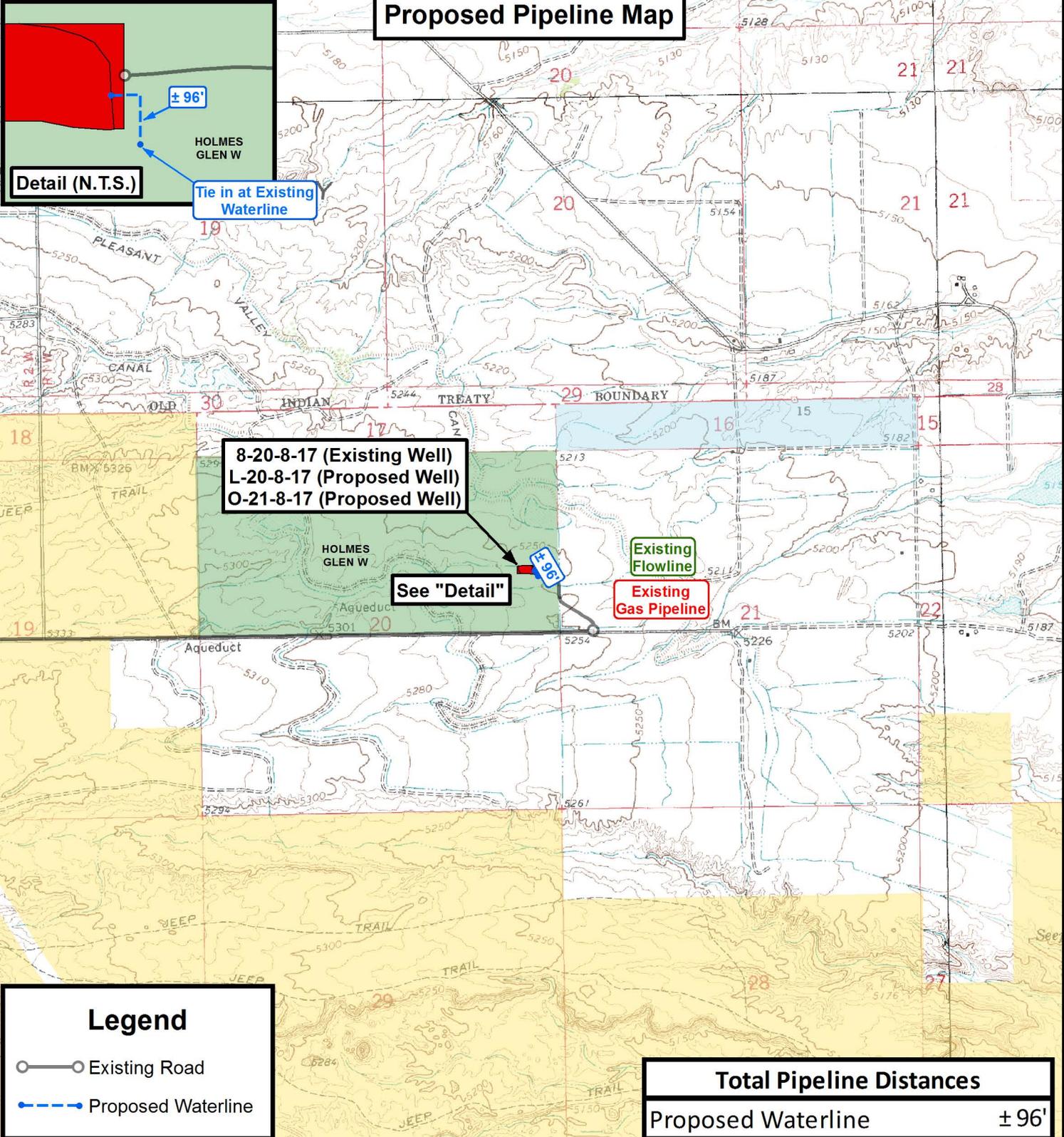
8-20-8-17 (Existing Well)
L-20-8-17 (Proposed Well)
O-21-8-17 (Proposed Well)
SEC. 20, T8S, R17E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	12-05-2012		V1
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET
B

Proposed Pipeline Map



Legend

- Existing Road
- Proposed Waterline

Total Pipeline Distances	
Proposed Waterline	± 96'

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NEWFIELD EXPLORATION COMPANY
 8-20-8-17 (Existing Well)
 L-20-8-17 (Proposed Well)
 O-21-8-17 (Proposed Well)
 SEC. 20, T8S, R17E, S.L.B.&M. Duchesne County, UT.

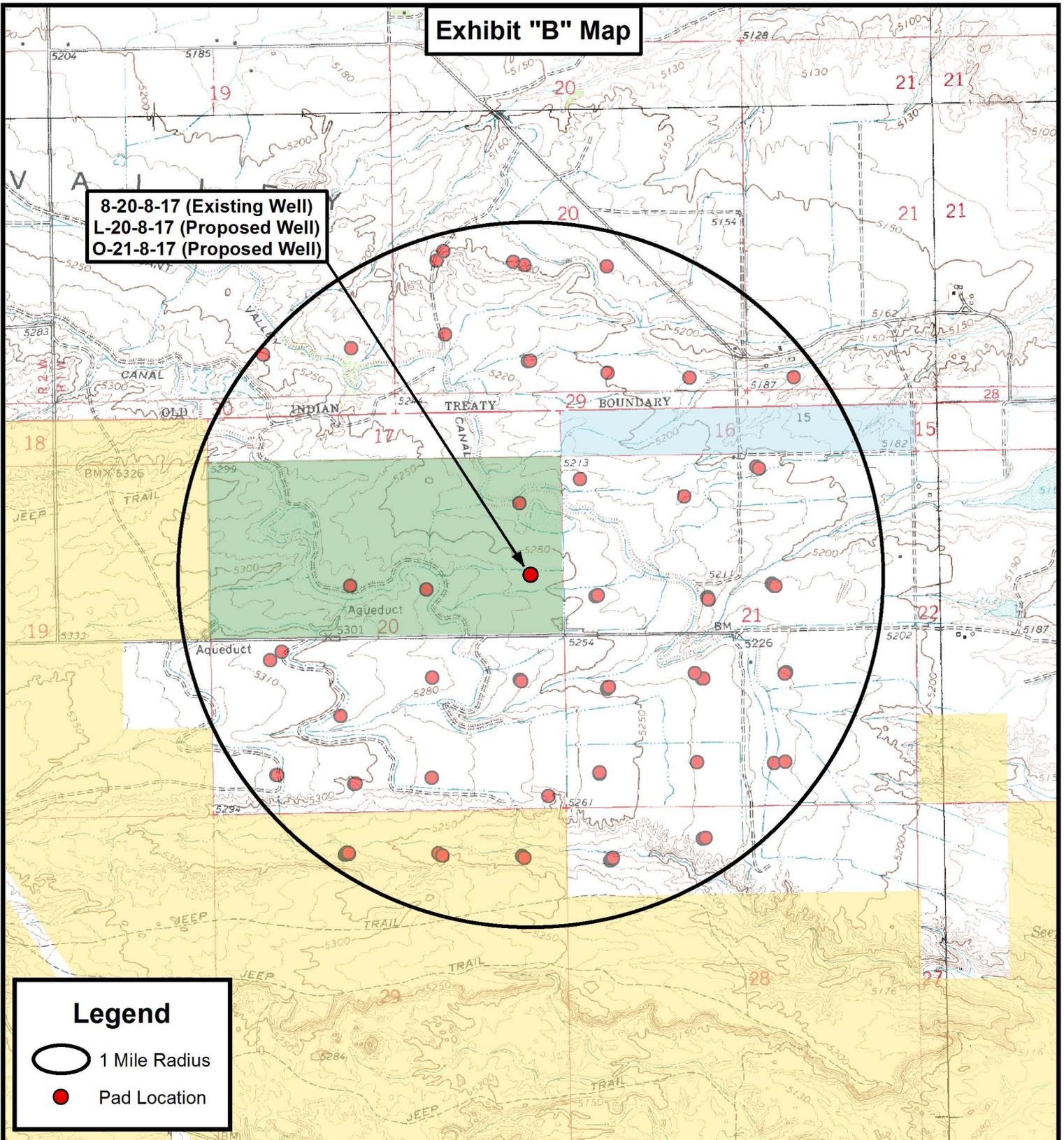
DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	12-05-2012		V1
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET **C**

Exhibit "B" Map

8-20-8-17 (Existing Well)
 L-20-8-17 (Proposed Well)
 O-21-8-17 (Proposed Well)



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NEWFIELD EXPLORATION COMPANY

8-20-8-17 (Existing Well)
 L-20-8-17 (Proposed Well)
 O-21-8-17 (Proposed Well)
 SEC. 20, T8S, R17E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	12-05-2012		V1
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET
D



NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 20 T8S, R17E
L-20-8-17**

Wellbore #1

Plan: Design #1

Standard Planning Report

03 December, 2012





Payzone Directional
Planning Report



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well L-20-8-17
Company:	NEWFIELD EXPLORATION	TVD Reference:	L-20-8-17 @ 5267.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	MD Reference:	L-20-8-17 @ 5267.0ft (Original Well Elev)
Site:	SECTION 20 T8S, R17E	North Reference:	True
Well:	L-20-8-17	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

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

Site	SECTION 20 T8S, R17E				
Site Position:		Northing:	7,210,719.77 ft	Latitude:	40° 6' 21.320 N
From:	Lat/Long	Easting:	2,053,670.54 ft	Longitude:	110° 1' 20.880 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.95 °

Well	L-20-8-17, SHL LAT: 40 06 21.18 LONG: -110 01 21.08					
Well Position	+N/-S	-14.2 ft	Northing:	7,210,705.34 ft	Latitude:	40° 6' 21.180 N
	+E/-W	-15.5 ft	Easting:	2,053,655.23 ft	Longitude:	110° 1' 21.080 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	5,267.0 ft	Ground Level:	5,255.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	12/3/2012	11.12	65.82	52,166

Design	Design #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	222.86

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	
1,698.2	16.47	222.86	1,683.1	-114.9	-106.6	1.50	1.50	-12.49	222.86	
5,615.9	16.47	222.86	5,440.0	-929.2	-862.3	0.00	0.00	0.00	0.00	L-29-8-17 TGT
6,716.0	16.47	222.86	6,495.0	-1,157.9	-1,074.5	0.00	0.00	0.00	0.00	



Payzone Directional
Planning Report



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well L-20-8-17
Company:	NEWFIELD EXPLORATION	TVD Reference:	L-20-8-17 @ 5267.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	MD Reference:	L-20-8-17 @ 5267.0ft (Original Well Elev)
Site:	SECTION 20 T8S, R17E	North Reference:	True
Well:	L-20-8-17	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	1.50	222.86	700.0	-1.0	-0.9	1.3	1.50	1.50	0.00
800.0	3.00	222.86	799.9	-3.8	-3.6	5.2	1.50	1.50	0.00
900.0	4.50	222.86	899.7	-8.6	-8.0	11.8	1.50	1.50	0.00
1,000.0	6.00	222.86	999.3	-15.3	-14.2	20.9	1.50	1.50	0.00
1,100.0	7.50	222.86	1,098.6	-24.0	-22.2	32.7	1.50	1.50	0.00
1,200.0	9.00	222.86	1,197.5	-34.5	-32.0	47.0	1.50	1.50	0.00
1,300.0	10.50	222.86	1,296.1	-46.9	-43.5	64.0	1.50	1.50	0.00
1,400.0	12.00	222.86	1,394.2	-61.2	-56.8	83.5	1.50	1.50	0.00
1,500.0	13.50	222.86	1,491.7	-77.4	-71.8	105.5	1.50	1.50	0.00
1,600.0	15.00	222.86	1,588.6	-95.4	-88.5	130.2	1.50	1.50	0.00
1,698.2	16.47	222.86	1,683.1	-114.9	-106.6	156.8	1.50	1.50	0.00
1,700.0	16.47	222.86	1,684.9	-115.3	-107.0	157.3	0.00	0.00	0.00
1,800.0	16.47	222.86	1,780.8	-136.1	-126.3	185.7	0.00	0.00	0.00
1,900.0	16.47	222.86	1,876.6	-156.9	-145.6	214.0	0.00	0.00	0.00
2,000.0	16.47	222.86	1,972.5	-177.7	-164.9	242.4	0.00	0.00	0.00
2,100.0	16.47	222.86	2,068.4	-198.4	-184.1	270.7	0.00	0.00	0.00
2,200.0	16.47	222.86	2,164.3	-219.2	-203.4	299.1	0.00	0.00	0.00
2,300.0	16.47	222.86	2,260.2	-240.0	-222.7	327.4	0.00	0.00	0.00
2,400.0	16.47	222.86	2,356.1	-260.8	-242.0	355.8	0.00	0.00	0.00
2,500.0	16.47	222.86	2,452.0	-281.6	-261.3	384.1	0.00	0.00	0.00
2,600.0	16.47	222.86	2,547.9	-302.4	-280.6	412.5	0.00	0.00	0.00
2,700.0	16.47	222.86	2,643.8	-323.2	-299.9	440.9	0.00	0.00	0.00
2,800.0	16.47	222.86	2,739.7	-343.9	-319.2	469.2	0.00	0.00	0.00
2,900.0	16.47	222.86	2,835.6	-364.7	-338.5	497.6	0.00	0.00	0.00
3,000.0	16.47	222.86	2,931.5	-385.5	-357.7	525.9	0.00	0.00	0.00
3,100.0	16.47	222.86	3,027.4	-406.3	-377.0	554.3	0.00	0.00	0.00
3,200.0	16.47	222.86	3,123.3	-427.1	-396.3	582.6	0.00	0.00	0.00
3,300.0	16.47	222.86	3,219.2	-447.9	-415.6	611.0	0.00	0.00	0.00
3,400.0	16.47	222.86	3,315.1	-468.7	-434.9	639.3	0.00	0.00	0.00
3,500.0	16.47	222.86	3,411.0	-489.4	-454.2	667.7	0.00	0.00	0.00
3,600.0	16.47	222.86	3,506.9	-510.2	-473.5	696.1	0.00	0.00	0.00
3,700.0	16.47	222.86	3,602.8	-531.0	-492.8	724.4	0.00	0.00	0.00
3,800.0	16.47	222.86	3,698.7	-551.8	-512.0	752.8	0.00	0.00	0.00
3,900.0	16.47	222.86	3,794.6	-572.6	-531.3	781.1	0.00	0.00	0.00
4,000.0	16.47	222.86	3,890.5	-593.4	-550.6	809.5	0.00	0.00	0.00
4,100.0	16.47	222.86	3,986.3	-614.2	-569.9	837.8	0.00	0.00	0.00
4,200.0	16.47	222.86	4,082.2	-634.9	-589.2	866.2	0.00	0.00	0.00
4,300.0	16.47	222.86	4,178.1	-655.7	-608.5	894.6	0.00	0.00	0.00
4,400.0	16.47	222.86	4,274.0	-676.5	-627.8	922.9	0.00	0.00	0.00
4,500.0	16.47	222.86	4,369.9	-697.3	-647.1	951.3	0.00	0.00	0.00
4,600.0	16.47	222.86	4,465.8	-718.1	-666.3	979.6	0.00	0.00	0.00
4,700.0	16.47	222.86	4,561.7	-738.9	-685.6	1,008.0	0.00	0.00	0.00
4,800.0	16.47	222.86	4,657.6	-759.6	-704.9	1,036.3	0.00	0.00	0.00
4,900.0	16.47	222.86	4,753.5	-780.4	-724.2	1,064.7	0.00	0.00	0.00
5,000.0	16.47	222.86	4,849.4	-801.2	-743.5	1,093.0	0.00	0.00	0.00
5,100.0	16.47	222.86	4,945.3	-822.0	-762.8	1,121.4	0.00	0.00	0.00
5,200.0	16.47	222.86	5,041.2	-842.8	-782.1	1,149.8	0.00	0.00	0.00



Payzone Directional Planning Report



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well L-20-8-17
Company:	NEWFIELD EXPLORATION	TVD Reference:	L-20-8-17 @ 5267.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	MD Reference:	L-20-8-17 @ 5267.0ft (Original Well Elev)
Site:	SECTION 20 T8S, R17E	North Reference:	True
Well:	L-20-8-17	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.0	16.47	222.86	5,137.1	-863.6	-801.4	1,178.1	0.00	0.00	0.00
5,400.0	16.47	222.86	5,233.0	-884.4	-820.7	1,206.5	0.00	0.00	0.00
5,500.0	16.47	222.86	5,328.9	-905.1	-839.9	1,234.8	0.00	0.00	0.00
5,600.0	16.47	222.86	5,424.8	-925.9	-859.2	1,263.2	0.00	0.00	0.00
5,615.9	16.47	222.86	5,440.0	-929.2	-862.3	1,267.7	0.00	0.00	0.00
5,700.0	16.47	222.86	5,520.7	-946.7	-878.5	1,291.5	0.00	0.00	0.00
5,800.0	16.47	222.86	5,616.6	-967.5	-897.8	1,319.9	0.00	0.00	0.00
5,900.0	16.47	222.86	5,712.5	-988.3	-917.1	1,348.2	0.00	0.00	0.00
6,000.0	16.47	222.86	5,808.4	-1,009.1	-936.4	1,376.6	0.00	0.00	0.00
6,100.0	16.47	222.86	5,904.3	-1,029.9	-955.7	1,405.0	0.00	0.00	0.00
6,200.0	16.47	222.86	6,000.2	-1,050.6	-975.0	1,433.3	0.00	0.00	0.00
6,300.0	16.47	222.86	6,096.0	-1,071.4	-994.2	1,461.7	0.00	0.00	0.00
6,400.0	16.47	222.86	6,191.9	-1,092.2	-1,013.5	1,490.0	0.00	0.00	0.00
6,500.0	16.47	222.86	6,287.8	-1,113.0	-1,032.8	1,518.4	0.00	0.00	0.00
6,600.0	16.47	222.86	6,383.7	-1,133.8	-1,052.1	1,546.7	0.00	0.00	0.00
6,700.0	16.47	222.86	6,479.6	-1,154.6	-1,071.4	1,575.1	0.00	0.00	0.00
6,716.0	16.47	222.86	6,495.0	-1,157.9	-1,074.5	1,579.6	0.00	0.00	0.00

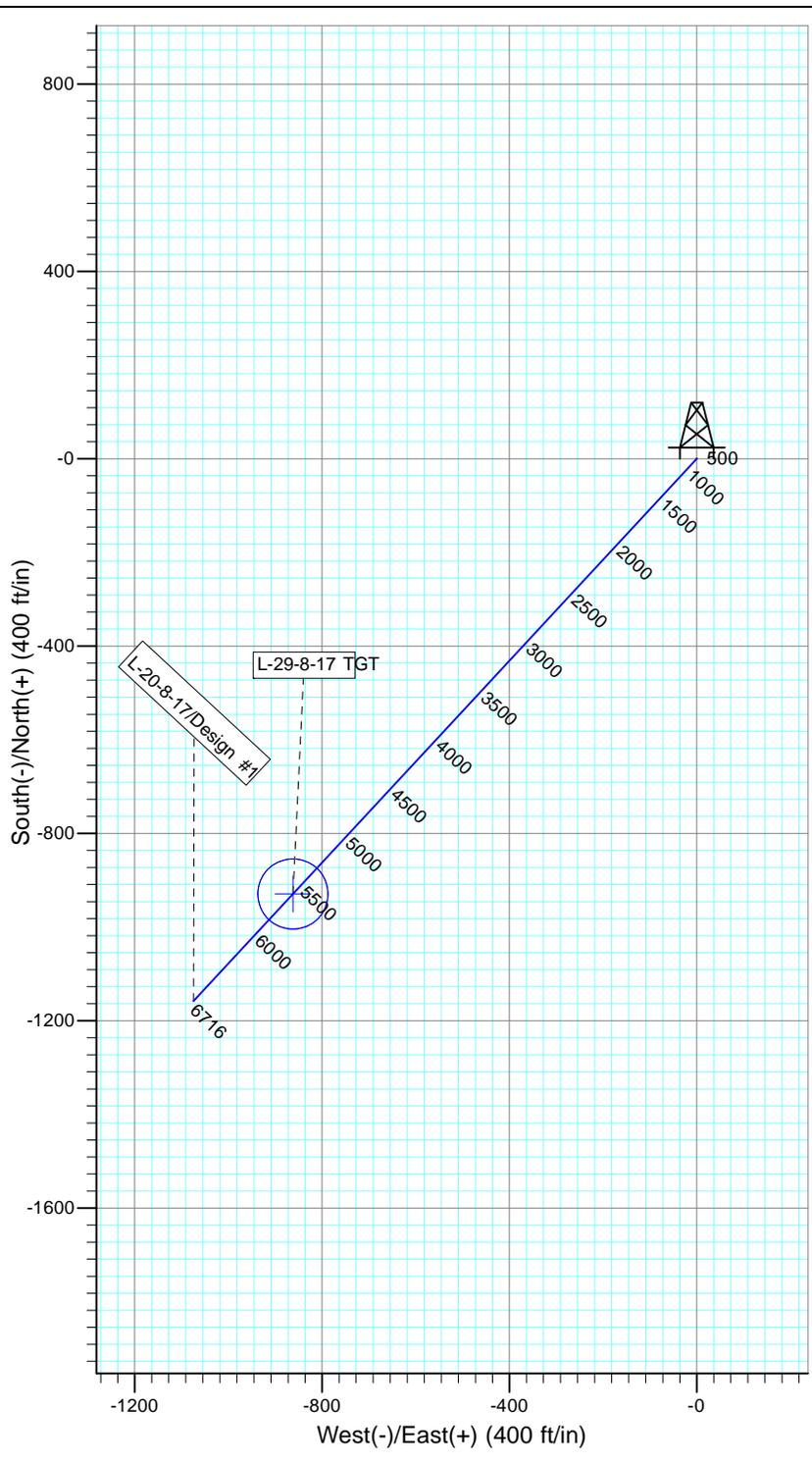
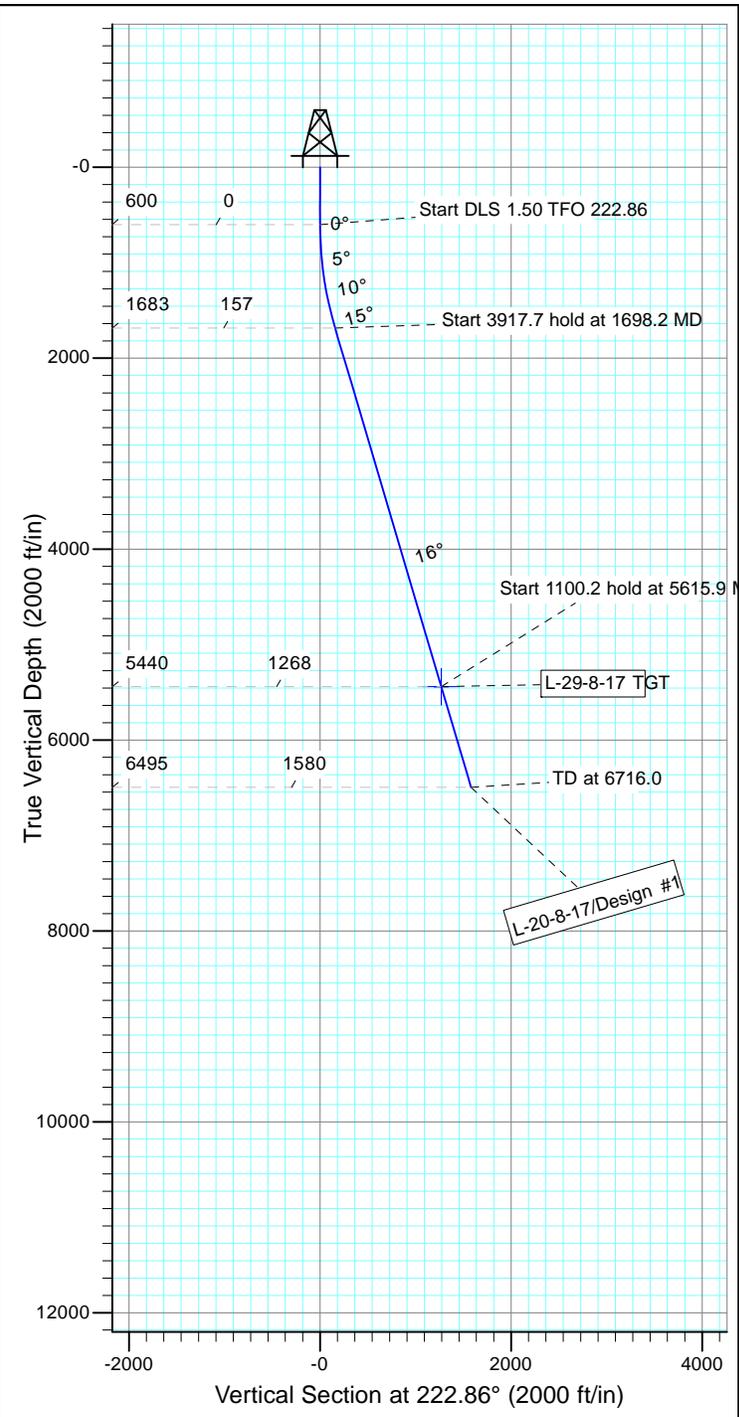


Project: USGS Myton SW (UT)
 Site: SECTION 20 T8S, R17E
 Well: L-20-8-17
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.12°

Magnetic Field
 Strength: 52166.0snT
 Dip Angle: 65.82°
 Date: 12/3/2012
 Model: IGRF2010



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
L-29-8-17 TGT	5440.0	-929.2	-862.3	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	1698.2	16.47	222.86	1683.1	-114.9	-106.6	1.50	222.86	156.8	
4	5615.9	16.47	222.86	5440.0	-929.2	-862.3	0.00	0.00	1267.7	L-29-8-17 TGT
5	6716.0	16.47	222.86	6495.0	-1157.9	-1074.5	0.00	0.00	1579.6	



**NEWFIELD PRODUCTION COMPANY
GMBU L-20-8-17
AT SURFACE: SE/NE SECTION 20, T8S R17E
DUCHESNE COUNTY, UTAH**

MULTI-POINT SURFACE USE & OPERATIONS PLAN

The onsite inspection for this pad occurred on December 20, 2012. The proposed well will be drilled directionally off of the existing 8-20-8-17 well pad.

1. EXISTING ROADS

- a) To reach Newfield Production Company well location site GMBU L-20-8-17, 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 in a southeasterly direction – 6.9 miles \pm to it's junction with an existing road to the east; proceed in a easterly direction – 2.1 miles \pm to it's junction with an existing road to the northwest; proceed in a northwesterly direction – 0.3 miles \pm to the existing 8-20-8-17 well location.
- b) The proposed location is approximately 10.7 miles southeast of Roosevelt, Utah
- c) Existing native surface roads in the area range from clays to a sandy-clay shale material.
- d) Access roads will be maintained at the standards required by UDOT, Duchesne County or other controlling agencies. This maintenance will consist of some minor grader work for road surfacing and snow removal. Any necessary fill material for repair will be purchased and hauled from private sources.

2. PLANNED ACCESS ROAD

- a) There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing 8-20-8-17 well pad. See attached Topographic Map "B".
- b) There will be **no** culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.
- c) There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.
- d) All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. LOCATION OF EXISTING WELLS

- a) Refer to Topographic Map "D".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- a) There are no existing facilities that will be utilized.
- b) It is anticipated that this well will be a producing oil well with some associated natural gas.
- c) 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.
- d) Tank batteries will be built to Federal Gold Book specifications.

- e) Newfield Production Company proposes 96' of planned pipeline corridor across entirely private surface connecting to a existing pipeline corridor. See attached Topographic Map "C".
- f) It is proposed that the disturbed area will be 30' wide to allow for construction of a proposed buried 10" steel water injection line, a buried 3" poly water return line, and a and a 14" surface flow line.
- g) The pipelines will tie in to the existing Newfield pipeline infrastructure. The proposed pipelines will be buried 4-feet deep or greater in a trench constructed with a trencher, trackhoe or backhoe for the length of the proposal. The construction phase of the planned access road, proposed pipelines will last approximately (10) days.
- h) The centerline of the proposed route will be staked prior to installation. Pipelines shall be placed as close to existing roads as possible without interfering with normal road travel or road maintenance activities. Due to the proximity of existing facilities, no temporary use or construction/storage areas are anticipated.
- i) Lengths of pipe will be strung out in the borrow ditch, welded together, and rolled or dragged into place with heavy equipment. For pipelines that are installed cross-country, travel along the lines will be infrequent and for maintenance needs only. No installation activities will be performed during periods when the soil is too wet to adequately support installation equipment. If such equipment creates ruts in excess of four (4) inches deep, the soil will be deemed too wet to adequately support the equipment.
- j) All permanent above-ground structures would be painted a flat, non-reflective covert green color, to match the standard environmental colors. All facilities would be painted the designated color at the time of installation (weather permitting). Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.

5. LOCATION AND TYPE OF WATER SUPPLY

- a) Newfield Production will transport water by truck from nearest water source. The available water sources are as follows:
 - Johnson Water District (Water Right : 43-7478)
 - 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).

6. SOURCE OF CONSTRUCTION MATERIALS

- a) Construction material for this access road will be borrowed material accumulated during construction of the access road. If any additional borrow or gravel is required, it would be obtained from a local supplier having a permitted source of materials within the general area.

7. METHODS FOR HANDLING WASTE DISPOSAL

- a) A small pit (80 feet x 120 feet x 8 feet deep, or less) will be constructed inboard of the pad area. The 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.

- b) The pit would be lined with 16 mil (minimum) thickness polyethylene nylon reinforced liner material. The liner(s) would overlay straw, dirt and/or bentonite if rock is encountered during excavation. The liner would overlap the pit walls and be covered with dirt and/or rocks to hold them in place. No trash, scrap pipe, or other materials that could puncture the liner would be discarded in the pit. A minimum of two feet of free board would be maintained between the maximum fluid level and the top of the pit at all times.
- c) A portable toilet will be provided for human waste.
- d) A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.
- e) 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.
- f) 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.

Newfield Production Company guarantees that during the drilling and completion of the referenced well, 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 referenced well, 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.

8. **ANCILLARY FACILITIES**

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

9. **WELL SITE LAYOUT**

- a) See attached Location Layout Sheet.

Fencing Requirements

- a) All pits will be fenced or have panels installed consistent with the following minimum standards:
 - 1. The wire shall be no more than two (2) inches above the ground. If barbed wire is utilized it will be installed three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
 - 2. Corner posts shall be centered and/or braced in such a manner to keep tight and upright at all times

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

10. PLANS FOR RESTORATION OF SURFACE:

- a) Producing Location
 1. 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.
 2. 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
 1. 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

- a) Brad Lee and JoAnn Nelson.

12. OTHER ADDITIONAL INFORMATION

- a) Montgomery Archeological Consultants, Inc. has conducted a Class III archeological survey. State of Utah Antiquities Project Permit # U-12-MQ-1126p 12/20/12. The report has been submitted under separate cover by Montgomery Archeological Consultants, Inc. The cover page of the report has been attached to this submittal for reference. Newfield would require that their personnel, contractors, and subcontractors to comply with Federal regulations intended to protect archeological and cultural resources.
- b) Wade E. Miller Ph.D. Paleontological Consultant has conducted a paleontological survey. The report has been submitted under separate cover by Wade E. Miller dated 12/11/12. The cover page of the report has been attached to this submittal for reference.
- c) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On federal 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.
- d) A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

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

Representative

Name: Corie Miller
Address: Newfield Production Company

Route 3, Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

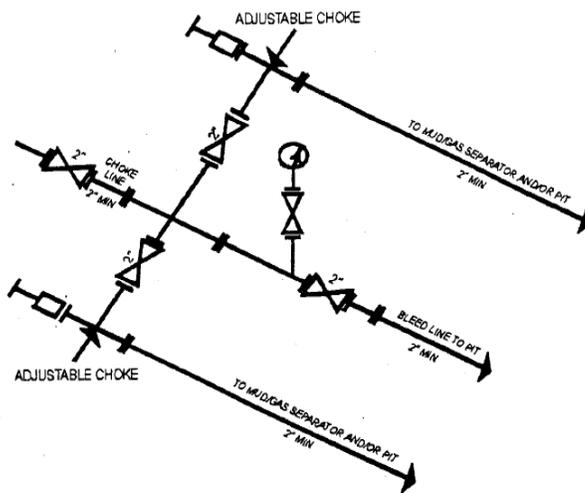
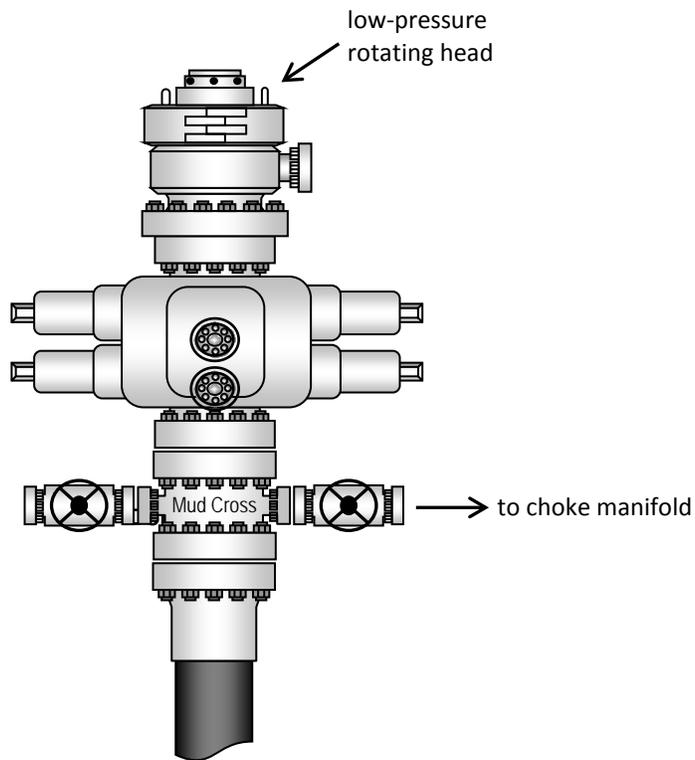
Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #L-20-8-17, Section 20, Township 8S, Range 17E: Lease UTU-76954 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

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.

12/28/12
Date

Mandie Crozier
Regulatory Analyst
Newfield Production Company

Typical 2M BOP stack configuration



2M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

8-20-8-17 (Existing Well)

L-20-8-17 (Proposed Well)

0-21-8-17 (Proposed Well)

Pad Location: SENE Section 20, T8S, R17E, S.L.B.&M.



TOP HOLE FOOTAGES

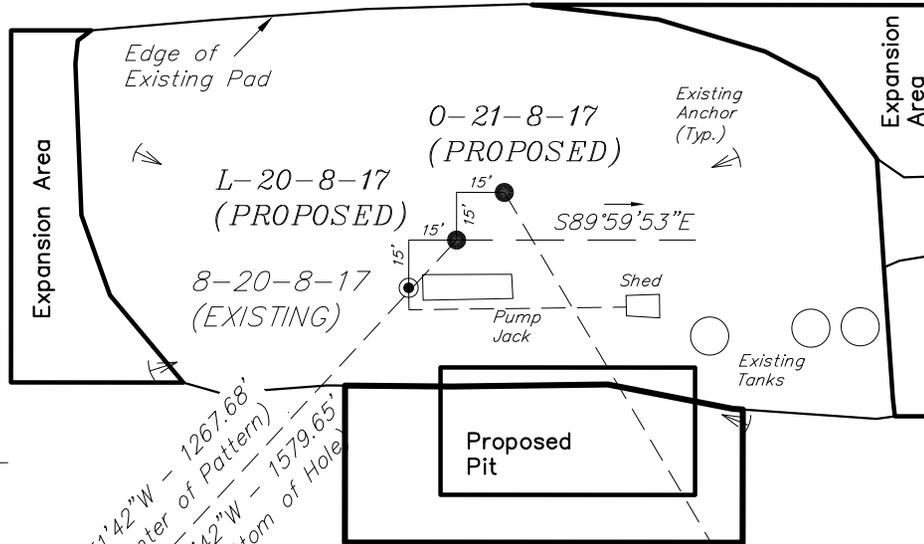
L-20-8-17 (PROPOSED)
1766' FNL & 459' FEL
0-21-8-17 (PROPOSED)
1751' FNL & 443' FEL

CENTER OF PATTERN FOOTAGES

L-20-8-17 (PROPOSED)
2617' FSL & 1336' FEL
0-21-8-17 (PROPOSED)
2670' FSL & 55' FWL

BOTTOM HOLE FOOTAGES

L-20-8-17 (PROPOSED)
2392' FSL & 1551' FEL
0-21-8-17 (PROPOSED)
2475' FSL & 166' FWL



LATITUDE & LONGITUDE Surface position of Wells (NAD 83)		
WELL	LATITUDE	LONGITUDE
8-20-8-17	40° 06' 21.04"	110° 01' 21.28"
L-20-8-17	40° 06' 21.18"	110° 01' 21.08"
0-21-8-17	40° 06' 21.33"	110° 01' 20.88"

LATITUDE & LONGITUDE Center of Pattern (NAD 83)		
WELL	LATITUDE	LONGITUDE
L-20-8-17	40° 06' 12.14"	110° 01' 32.37"
0-21-8-17	40° 06' 12.67"	110° 01' 14.47"

LATITUDE & LONGITUDE Bottom Hole Position (NAD 83)		
WELL	LATITUDE	LONGITUDE
L-20-8-17	40° 06' 09.92"	110° 01' 35.15"
0-21-8-17	40° 06' 10.74"	110° 01' 13.05"

Note:
Bearings are based on GPS Observations.

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

WELL	NORTH	EAST
L-20-8-17	-929'	-862'
0-21-8-17	-868'	513'

**RELATIVE COORDINATES
From Top Hole to Bottom Hole**

WELL	NORTH	EAST
L-20-8-17	-1,158'	-1,075'
0-21-8-17	-1,061'	627'

542°51'42"W - 1267.68'
(To Center of Pattern)

542°51'42"W - 1579.65'
(To Bottom of Hole)

S30°34'33"E - 1007.83'
(To Center of Pattern)

S30°34'33"E - 1232.42'
(To Bottom of Hole)

SURVEYED BY: W.H	DATE SURVEYED: 11-29-12	VERSION:
DRAWN BY: V.H.	DATE DRAWN: 12-05-12	V1
SCALE: 1" = 60'	REVISED:	

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

NEWFIELD EXPLORATION COMPANY

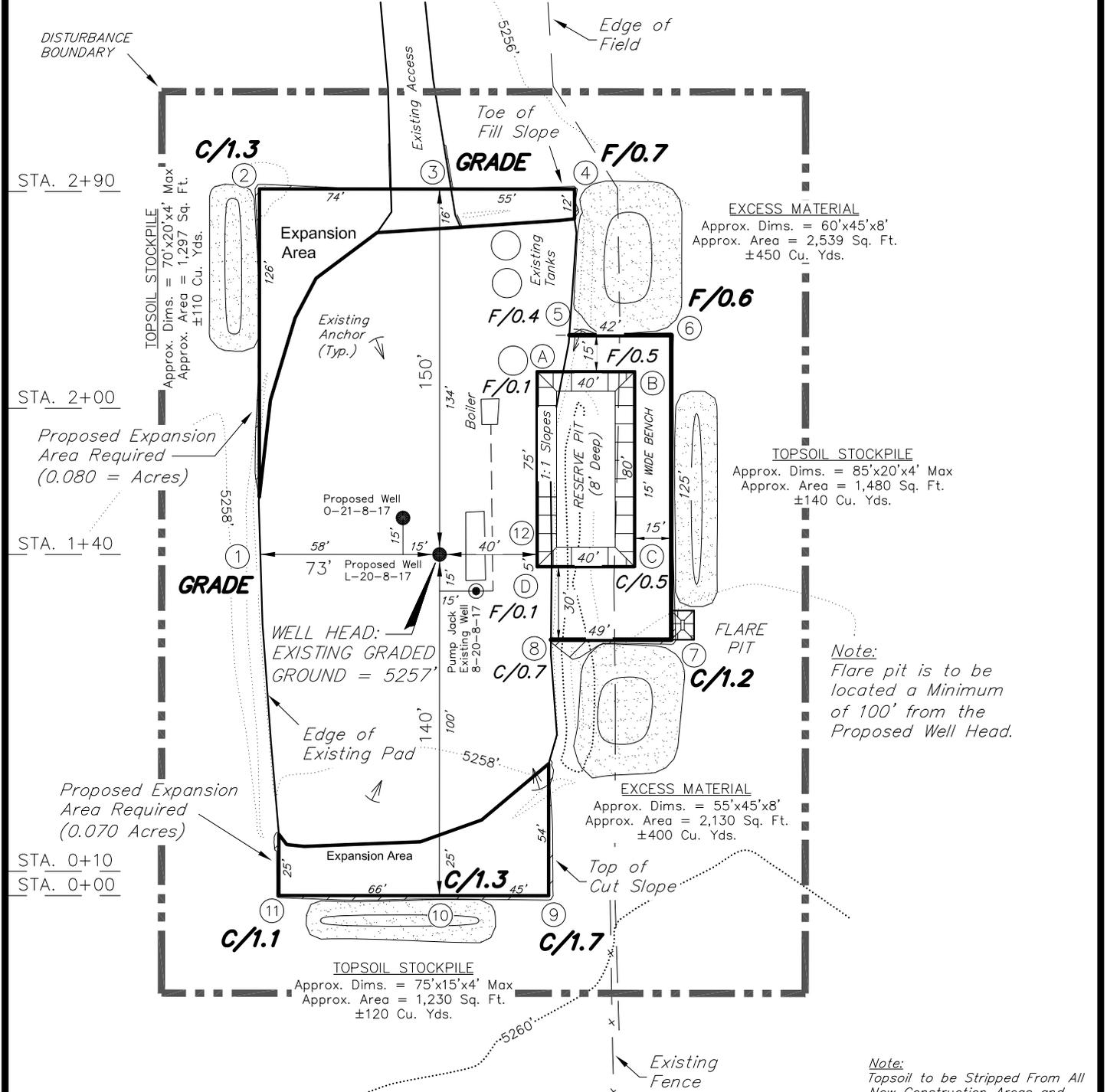
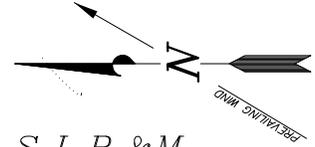
LOCATION LAYOUT

8-20-8-17 (Existing Well)

L-20-8-17 (Proposed Well)

0-21-8-17 (Proposed Well)

Pad Location: SENE Section 20, T8S, R17E, S.L.B.&M.



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

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

Berm Note:
Construct 2' High Berm around Perimeter of Pad, Except when Cut Exceeds 2'. Blend new Constructed Berm into Existing Pad Berm where Required.

NOTE:
The topsoil & excess material areas are calculated as being mounds containing 1,220 cubic yards of dirt (a 10% fluff factor is included). The mound areas are calculated with push slopes of 1.5:1 & fall slopes of 1.5:1.

SURVEYED BY: W.H.	DATE SURVEYED: 11-29-12	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 12-05-12	V1
SCALE: 1" = 60'	REVISED:	

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

NEWFIELD EXPLORATION COMPANY

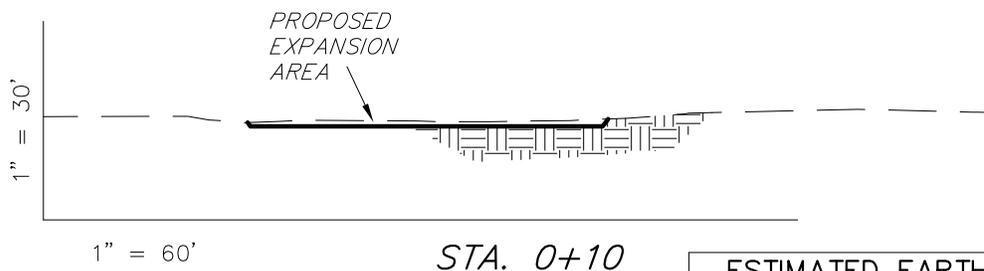
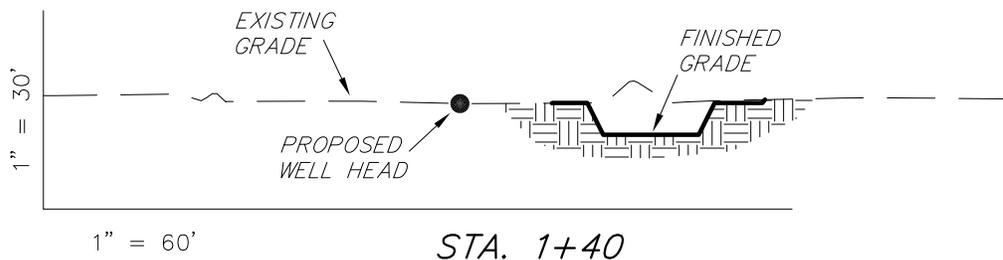
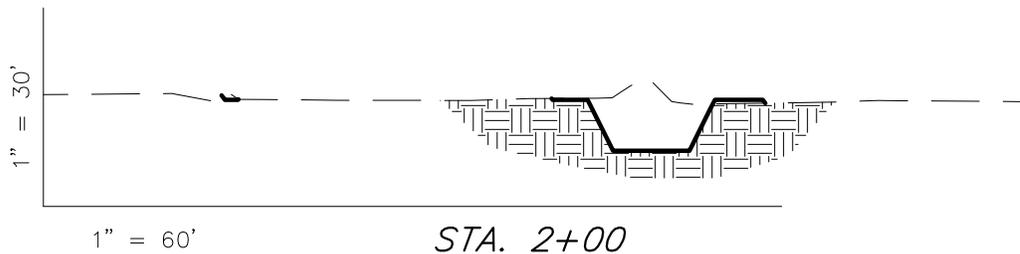
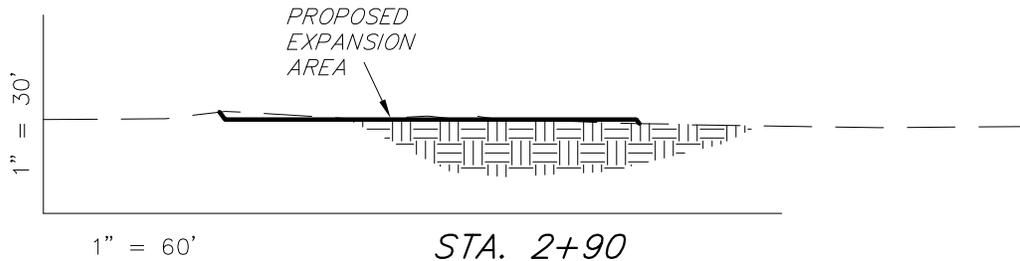
CROSS SECTIONS

8-20-8-17 (Existing Well)

L-20-8-17 (Proposed Well)

O-21-8-17 (Proposed Well)

Pad Location: SENE Section 20, T8S, R17E, S.L.B.&M.



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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	110	30	Topsoil is not included in Pad Cut	80
PIT	690	0		690
TOTALS	800	30	340	770

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

SURVEYED BY: W.H.	DATE SURVEYED: 11-29-12	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 12-05-12	V1
SCALE: 1" = 60'	REVISED:	

Tri State

Land Surveying, Inc.

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

(435) 781-2501

NEWFIELD EXPLORATION COMPANY

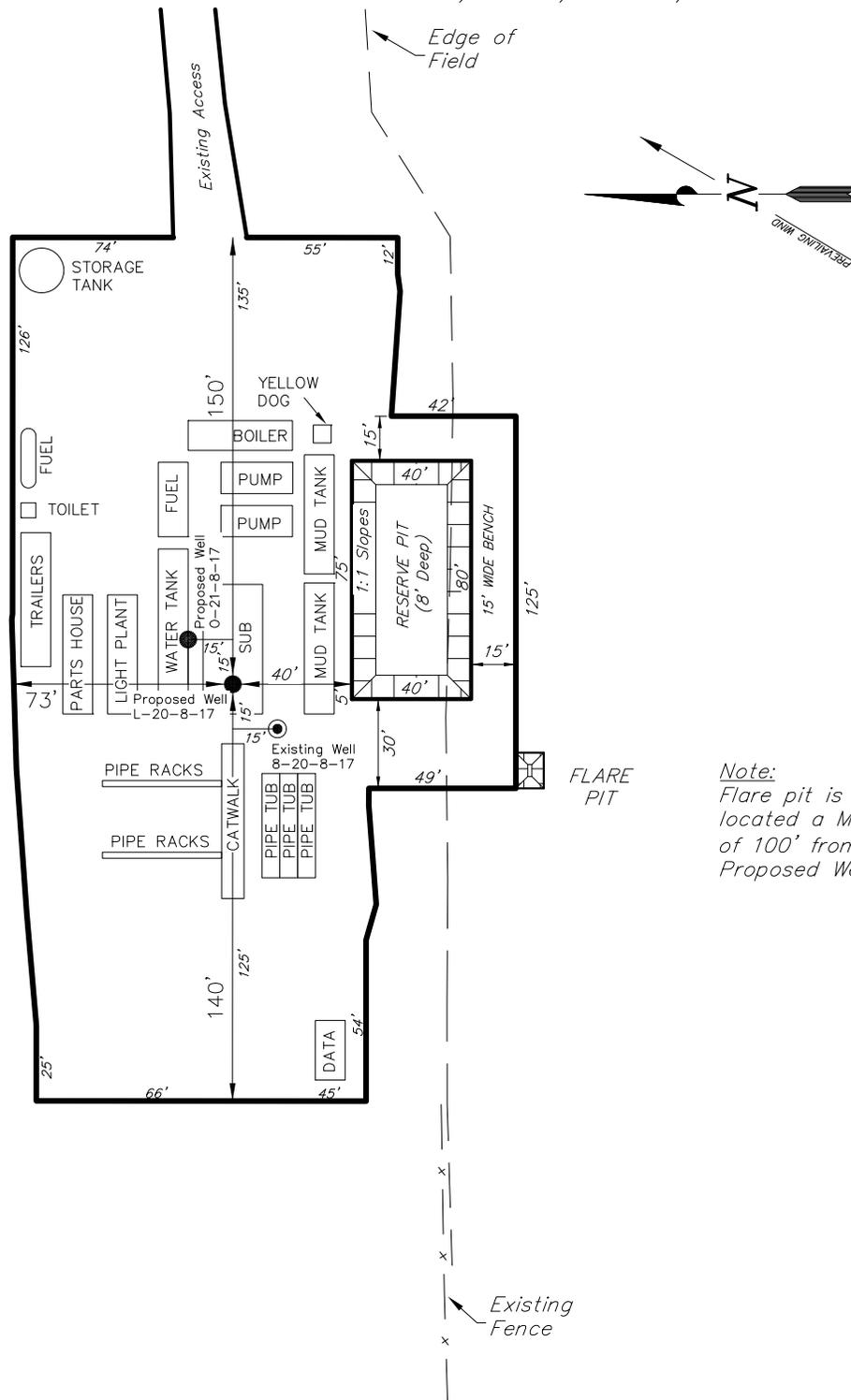
TYPICAL RIG LAYOUT

8-20-8-17 (Existing Well)

L-20-8-17 (Proposed Well)

0-21-8-17 (Proposed Well)

Pad Location: SENE Section 20, T8S, R17E, S.L.B.&M.



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

SURVEYED BY: W.H.	DATE SURVEYED: 11-29-12	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 12-05-12	V1
SCALE: 1" = 60'	REVISED:	

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

NEWFIELD EXPLORATION COMPANY

RECLAMATION LAYOUT

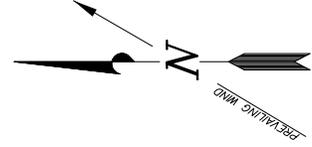
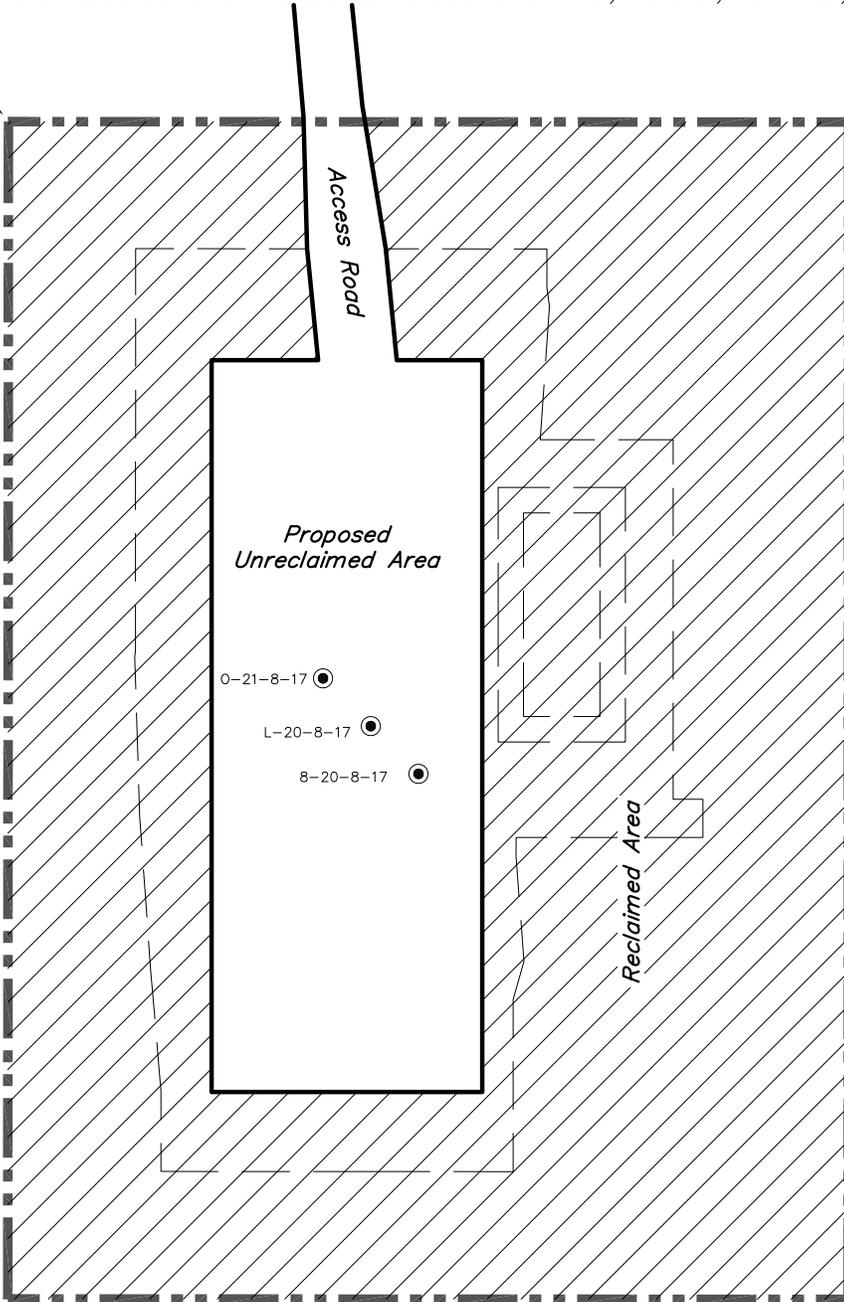
8-20-8-17 (Existing Well)

L-20-8-17 (Proposed Well)

O-21-8-17 (Proposed Well)

Pad Location: SENE Section 20, T8S, R17E, S.L.B.&M.

DISTURBANCE
BOUNDARY



Notes:

1. Reclaimed Area to Include Seeding of Approved Vegetation and Sufficient Storm Water Management System.
2. Actual Equipment Layout and Reclaimed Pad Surface Area May Change due to Production Requirements or Site Conditions.

DISTURBED AREA:

TOTAL DISTURBED AREA = 2.24 ACRES
 TOTAL RECLAIMED AREA = 1.75 ACRES
 UNRECLAIMED AREA = 0.49 ACRES

SURVEYED BY: W.H.	DATE SURVEYED: 11-29-12	VERSION: V1
DRAWN BY: F.T.M.	DATE DRAWN: 12-05-12	
SCALE: 1" = 60'	REVISED:	

Tri State
Land Surveying, Inc.

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

(435) 781-2501

NEWFIELD EXPLORATION COMPANY

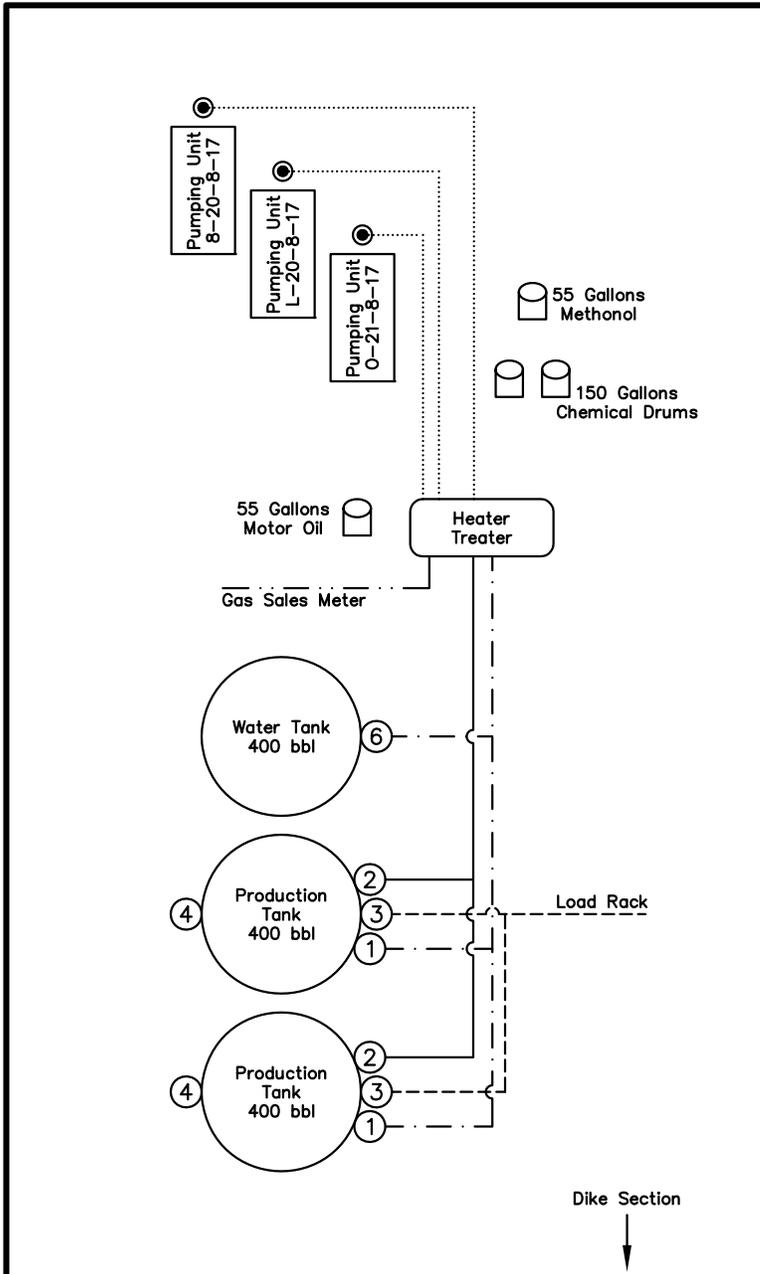
PROPOSED SITE FACILITY DIAGRAM

8-20-8-17 (Existing Well) UTU-76954

L-20-8-17 (Proposed Well) UTU-76954

O-21-8-17 (Proposed Well) UTU-76954

Pad Location: SENE Section 20, T8S, R17E, S.L.B.&M.
Duchesne County, Utah



Legend

Emulsion Line
Load Rack	-----
Water Line	-----
Gas Sales	-----
Oil Line	-----

NOT TO SCALE

SURVEYED BY: W.H.	DATE SURVEYED: 11-29-12	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 12-05-12	V1
SCALE: NONE	REVISED:	

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

Boundary

MEMORANDUM OF AGREEMENT

THAT Brad Lee Nelson and JoAnn H. Nelson, co-trustees u/d/t dated February 28, 1991, creating the "Brad and JoAnn Nelson Family Trust", and Ethan Lee Nelson and Louise M. Nelson, co-trustees u/d/t dated February 28, 1991, creating the "Lee and Louise Nelson Family Trust" whose address is Box 638, Roosevelt, Utah 84066, hereinafter called "Owner" or "Nelson", and LOMAX EXPLORATION COMPANY, whose address is 475 17th Street, Denver, Colorado 80202, hereinafter called "Lomax", hereby adopt, ratify, and confirm that certain Surface Agreement dated September 25, 1984, by and between Wayne D. Batty and Richard W. Batty, as parties of the first part, and Lomax Exploration Company, party of the second part, and by the terms of which the parties agree as follows:

ENTRY NO. 305665 DATE 4-25-95 TIME 11:17 BOOK 267 PAGE 1893
FEE \$ 16.00 RECORDED AT REQUEST OF Richard Paden
Charlyne M. Padon DUCHESNE COUNTY RECORDER Charlyne M. Padon

1. Lomax owns or controls, by assignment, rights and interests in United States Oil and Gas Lease, Serial No. U-50376, which covers the following described lands situated in Duchesne County, Utah:

Township 8 South, Range 17 East, SLM
Section 17: Lots 1, 2, 3, 4;
Section 20: N/2, and a tract of land beginning at the NE corner of the NW/4SE/4 of said Section 20, thence West 462.15 feet, thence South 150 feet, thence East 462.15 feet, thence North 150 feet, to the point of beginning.

2. Nelson is the owner in fee of the surface of the lands described above and the parties have reached agreement in settlement of disputes on all claims for use of the surface and damage to crops and interruption or interference with agricultural improvements arising from Lomax's drilling, completion and production activities and operations for existing wells, and have also agreed as to the measure of settlement for continuing and additional operations by Lomax in the area on surface owned or controlled by Owner.

3. The Surface Agreement shall remain in effect for so long as United States Oil and Gas Lease Serial No. U-50376 remains in full force and effect.

4. The said Surface Agreement, dated September 25, 1984, is in full force and effect and all the payments and conditions pursuant thereto have been honored. Said Surface Agreement contains terms and provisions other than those herein stated. An executed copy of said Surface Agreement which sets forth the precise terms thereof, is in the files of the Owner and Lomax whose addresses are stated above.

Brad L Nelson
Brad Lee Nelson, co-trustee of the Brad and JoAnn Nelson Family Trust

JoAnn H. Nelson
JoAnn H. Nelson, co-trustee of the Brad and JoAnn Nelson Family Trust

Ethan Lee Nelson
Ethan Lee Nelson, co-trustee of the Lee and Louise Nelson Family Trust

Louise M. Nelson
Louise M. Nelson, co-trustee of the Lee and Louise Nelson Family Trust



STATE OF UTAH
COUNTY OF DUCHESNE

On this 1 day of March, 1995, before me, the undersigned Notary Public in and for said county and state, personally appeared Brad Lee Nelson and JoAnn H. Nelson, co-trustees of the Brad and JoAnn Nelson Family Trust, and Ethan Lee Nelson and Louise M. Nelson, co-trustees of the Lee and Louise Nelson Family Trust, known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged that the same was executed and delivered as their free and voluntary act for the purposes therein set forth. In witness thereof I hereunto set my hand and official seal as of the date hereinabove stated.

WITNESS my hand and official seal the day and year last above written.

My Commission Expires May 4, 1998

Felicia S. Jones
Notary Public

ATLAS TITLE
FILE#5746

Ent 400186 Wk AS21 Pg 235
Date: 07-NOV-2007 12:55PM
Fee: \$20.00 Check
Filed By: CLJ
CAROLYNE MADSEN, Recorder
DUCHESE COUNTY CORPORATION
ATLAS TITLE INSURANCE

Warranty Deed

Grantor: BRAD LEE NELSON AND JOANN H. NELSON, CO-TRUSTEES OF THE BRAD AND JOANN NELSON FAMILY TRUST, DATED FEBRUARY 28, 1991

hereby **CONVEY AND WARRANT** to:

Grantee: CEDAR VIEW SL, LLC
of: PO BOX 996, MIDWAY UT 84049

FOR THE SUM OF TEN DOLLARS AND OTHER GOOD AND VALUABLE CONSIDERATION
the following described tract of land within DUCHESE County, State of UTAH to wit:

SEE ATTACHED LEGAL DESCRIPTION

Together with all appurtenances thereunto belonging.

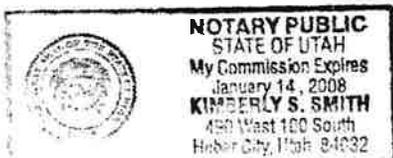
This deed is hereby made expressly subject to all existing and recorded restrictions, exceptions, reservations, easements, rights-of-way, conditions, and covenants of whatever nature, if any, and is expressly subject to all regulations, and restrictions, including statutes and other laws of municipal, county, or other governmental authorities applicable to and enforceable against the premises described herein.

WITNESS THE HAND OF SAID GRANTOR THIS 2ND DAY OF NOVEMBER 2007

) Brad Lee Nelson Co-Trustee
) BRAD LEE NELSON, CO-TRUSTEE
)
)
) Joann H. Nelson Co-Trustee
) JOANN H. NELSON, CO-TRUSTEE

State of UTAH)
County of DUCHESE) ss

On the 2ND DAY OF NOVEMBER 2007, personally appeared before me, BRAD LEE NELSON AND JOANN H. NELSON, CO-TRUSTEES OF THE BRAD AND JOANN NELSON FAMILY TRUST, DATED FEBRUARY 28, 1991, the signers of the within instrument, who duly acknowledged to me that they executed the same.



[Signature]
NOTARY PUBLIC

ATLAS TITLE
FILE#5746

Ent 400186 W A0521 P1 0236

LEGAL DESCRIPTION

TOWNSHIP 4 SOUTH, RANGE 1 WEST, UINTAH SPECIAL MERIDIAN:

SECTION 20: SOUTH 40 RODS SOUTHWEST QUARTER SOUTHWEST QUARTER.

SECTION 29: LOT 4

TOWNSHIP 8 SOUTH, RANGE 17 EAST, SALT LAKE BASE AND MERIDIAN:

SECTION 17: LOTS 1, 2, 3 AND 4.

SECTION 20: NORTH HALF

ALSO:

BEGINNING AT THE NORTHEAST CORNER OF THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 20, TOWNSHIP 8 SOUTH, RANGE 17 EAST, SALT LAKE BASE AND MERIDIAN:

THENCE SOUTH 00°51'50" EAST 150.00 FEET ALONG THE EAST LINE OF SAID NW1/4;

THENCE SOUTH 89°03'28" WEST 229.38 FEET PARALLEL WITH THE NORTH LINE OF SAID NW1/4;

THENCE NORTH 00°51'50" WEST 150 FEET PARALLEL WITH SAID EAST LINE TO SAID NORTH LINE;

THENCE NORTH 89°03'28" EAST 229.38 FEET TO THE POINT OF BEGINNING.

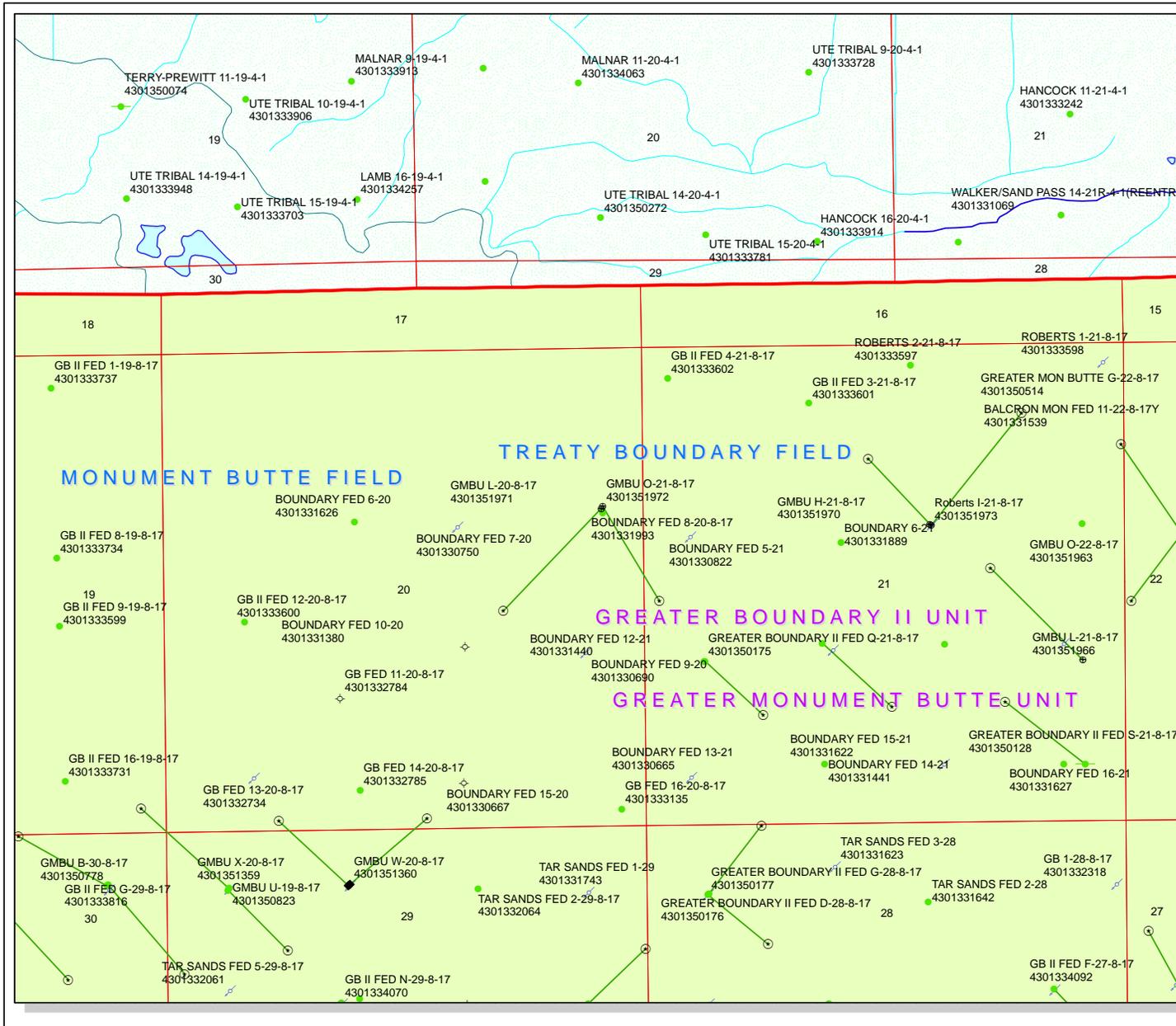
SAID PARCEL BEING SUBJECT TO THAT PORTION BEING USED AS COUNTY ROAD RIGHT-OF-WAY.

TOGETHER WITH UNITED STATES DEPARTMENT OF INTERIOR BUREAU OF LAND MANAGEMENT AGRICULTURAL LEASE SERIAL NUMBER UT-080-1-1L CONSISTING OF APPROXIMATELY 140 ACRES

EXCEPTING THEREFROM ALL OIL, GAS AND MINERALS.

TAX SERIAL NOS: 4876-0001, 4873, 3872, AND 3886

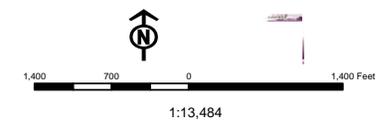
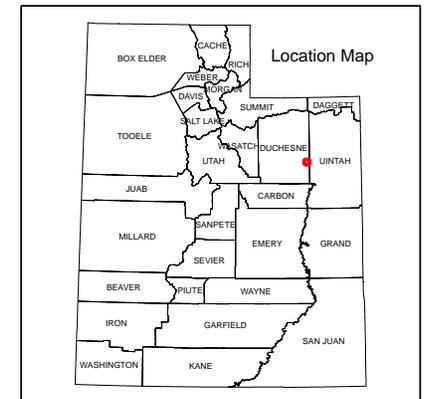
PARCEL NOS. 26-6357, 11-0530, 9-4387, AND 9-4536



API Number: 4301351971
Well Name: GMBU L-20-8-17
Township T08.0S Range R17.0E Section 20
Meridian: SLBM
 Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
 Map Produced by Diana Mason

- | | |
|---------------|------------------------------------|
| Units | Wells Query |
| STATUS | Status |
| ACTIVE | APD - Approved Permit |
| EXPLORATORY | DRL - Spudded (Drilling Commenced) |
| GAS STORAGE | GIW - Gas Injection |
| NF PP OIL | GS - Gas Storage |
| NF SECONDARY | LOC - New Location |
| P1 OIL | OPS - Operation Suspended |
| PP GAS | PA - Plugged Abandoned |
| PP GEOTHERM. | PGW - Producing Gas Well |
| PP OIL | POW - Producing Oil Well |
| SECONDARY | SGW - Shut-in Gas Well |
| TERMINATED | SOW - Shut-in Oil Well |
| Fields | TA - Temp. Abandoned |
| Unknown | TW - Test Well |
| ABANDONED | WDW - Water Disposal |
| ACTIVE | WW - Water Injection Well |
| COMBINED | WSW - Water Supply Well |
| INACTIVE | |
| STORAGE | |
| TERMINATED | |
| | Bottom Hole Location - Oil/Gas/Dls |



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)

January 22, 2013

Memorandum

To: Assistant Field Office Manager Minerals,
Vernal Field Office

From: Michael Coulthard, Petroleum Engineer

Subject: 2013 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 2013 within the Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-013-51960	GMBU L-15-9-17	Sec 15 T09S R17E 2011 FSL 1967 FEL
		BHL Sec 15 T09S R17E 2440 FNL 1067 FEL
43-013-51961	GMBU M-15-9-17	Sec 15 T09S R17E 1996 FSL 1983 FEL
		BHL Sec 15 T09S R17E 2514 FNL 2593 FWL
43-013-51962	GMBU J-21-8-17	Sec 22 T08S R17E 2118 FNL 0637 FWL
		BHL Sec 21 T08S R17E 1125 FNL 0034 FEL
43-013-51963	GMBU O-22-8-17	Sec 22 T08S R17E 2132 FNL 0621 FWL
		BHL Sec 22 T08S R17E 2424 FSL 0074 FWL
43-013-51964	GMBU B-22-9-17	Sec 15 T09S R17E 0659 FSL 1945 FEL
		BHL Sec 22 T09S R17E 0254 FNL 0913 FEL
43-013-51965	GMBU S-15-9-17	Sec 15 T09S R17E 0667 FSL 1964 FEL
		BHL Sec 15 T09S R17E 1384 FSL 1094 FEL
43-013-51966	GMBU L-21-8-17	Sec 21 T08S R17E 1772 FSL 0464 FEL
		BHL Sec 21 T08S R17E 2471 FNL 1481 FEL
43-013-51967	GMBU B-21-9-17	Sec 16 T09S R17E 0661 FSL 0665 FEL
		BHL Sec 21 T09S R17E 0238 FNL 1427 FEL

RECEIVED: February 20, 2013

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-013-51968	GMBU G-14-9-17	Sec 14 T09S R17E 2044 FNL 0472 FWL
		BHL Sec 14 T09S R17E 1082 FNL 1408 FWL
43-013-51969	GMBU J-15-9-17	Sec 14 T09S R17E 2065 FNL 0471 FWL
		BHL Sec 15 T09S R17E 0961 FNL 0161 FEL
43-013-51970	GMBU H-21-8-17	Sec 21 T08S R17E 1982 FNL 2143 FEL
		BHL Sec 21 T08S R17E 1253 FNL 2483 FWL
43-013-51971	GMBU L-20-8-17	Sec 20 T08S R17E 1766 FNL 0459 FEL
		BHL Sec 20 T08S R17E 2392 FSL 1551 FEL
43-013-51972	GMBU O-21-8-17	Sec 20 T08S R17E 1751 FNL 0443 FEL
		BHL Sec 21 T08S R17E 2475 FSL 0166 FWL
43-013-51973	Roberts I-21-8-17	Sec 21 T08S R17E 1996 FNL 2128 FEL
		BHL Sec 21 T08S R17E 0766 FNL 1126 FEL

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: 2013.01.22 15:52:33 -07'00'

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

MCoulthard:mc:1-22-13

RECEIVED: February 20, 2013

NEWFIELD



VIA ELECTRONIC DELIVERY

Newfield Exploration Company

1001 17th Street | Suite 2000

Denver, Colorado 80202

PH 303-893-0102 | FAX 303-893-0103

January 14, 2013

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-20-8-17
Greater Monument Butte (Green River) Unit

Surface Hole: T8S-R17E Section 20: SENE (UTU-76954)
1766' FNL 459' FEL

At Target: T8S-R17E Section 20: NWSE (UTU-76954)
2392' FSL 1551' 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 1/11/2013, 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 303-383-4121 or by email at lburget@newfield.com. Your consideration in this matter is greatly appreciated.

Sincerely,
Newfield Production Company

A handwritten signature in cursive script that reads "Leslie Burget".

Leslie Burget
Land Associate

Form 3160-3
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		7. If Unit or CA Agreement, Name and No. GREATER MONUMENT
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		8. Lease Name and Well No. GMBU L-20-8-17
2. Name of Operator NEWFIELD EXPLORATION		9. API Well No.
Contact: MANDIE CROZIER E-Mail: mcrozier@newfield.com		
3a. Address ROUTE #3 BOX 3630 MYTON, UT 84052	3b. Phone No. (include area code) Ph: 435-646-4825 Fx: 435-646-3031	10. Field and Pool, or Exploratory MONUMENT BUTTE
4. Location of Well <i>(Report location clearly and in accordance with any State requirements.)*</i> At surface SENE 1766FNL 459FEL At proposed prod. zone NWSE 2392FSL 1551FEL		11. Sec., T., R., M., or Blk. and Survey or Area Sec 20 T8S R17E Mer SLB
14. Distance in miles and direction from nearest town or post office* 10.7 MILES SOUTHEAST OF MYTON		12. County or Parish DUCHESNE
		13. State UT
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 2392'	16. No. of Acres in Lease 1561.00	17. Spacing Unit dedicated to this well 20.00
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 1346'	19. Proposed Depth 6716 MD 6495 TVD	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KB, RT, GL, etc.) 5257 GL	22. Approximate date work will start 09/01/2013	23. Estimated duration 7 DAYS

24. Attachments

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

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. Well plat certified by a registered surveyor. 2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | <ol style="list-style-type: none"> 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). 5. Operator certification 6. Such other site specific information and/or plans as may be required by the authorized officer. |
|--|--|

25. Signature (Electronic Submission)	Name (Printed/Typed) MANDIE CROZIER Ph: 435-646-4825	Date 01/11/2013
Title REGULATORY ANALYST		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

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

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.

Additional Operator Remarks (see next page)

**Electronic Submission #180819 verified by the BLM Well Information System
For NEWFIELD EXPLORATION, sent to the Vernal**

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

API Well Number: 43013519710000

Additional Operator Remarks:

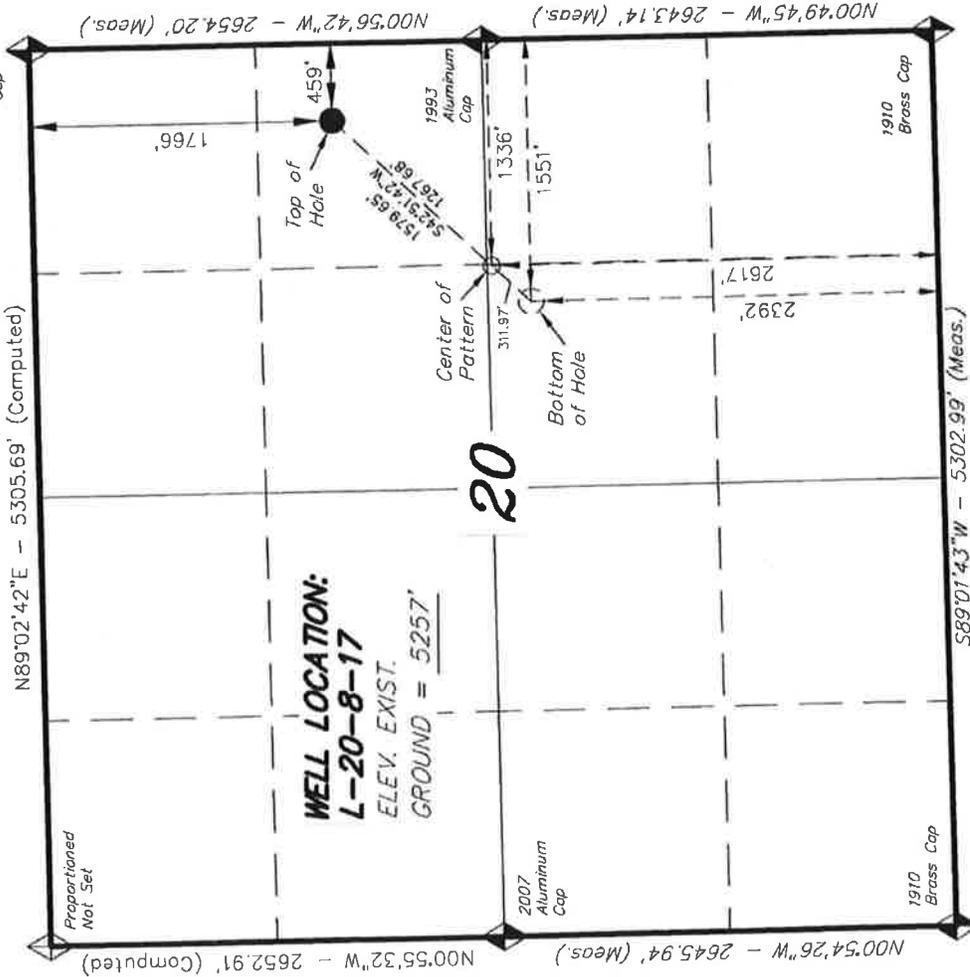
SURFACE LEASE: UTU-76954
BOTTOM HOLE LEASE: UTU-76954

T8S, R17E, S.L.B.&M.

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, L-20-8-17, LOCATED AS SHOWN IN THE SE 1/4 NE 1/4 OF SECTION 20, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

TARGET BOTTOM HOLE, L-20-8-17, LOCATED AS SHOWN IN THE NW 1/4 SE 1/4 OF SECTION 20, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



**WELL LOCATION:
L-20-8-17
ELEV. EXIST.
GROUND = 5257'**



- 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 WAS PREPARED FROM FIELD MEASUREMENTS AND SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

STACY W.
12-05-12
REG. NO. 189377
REGISTERED LAND SURVEYOR
STATE OF UTAH

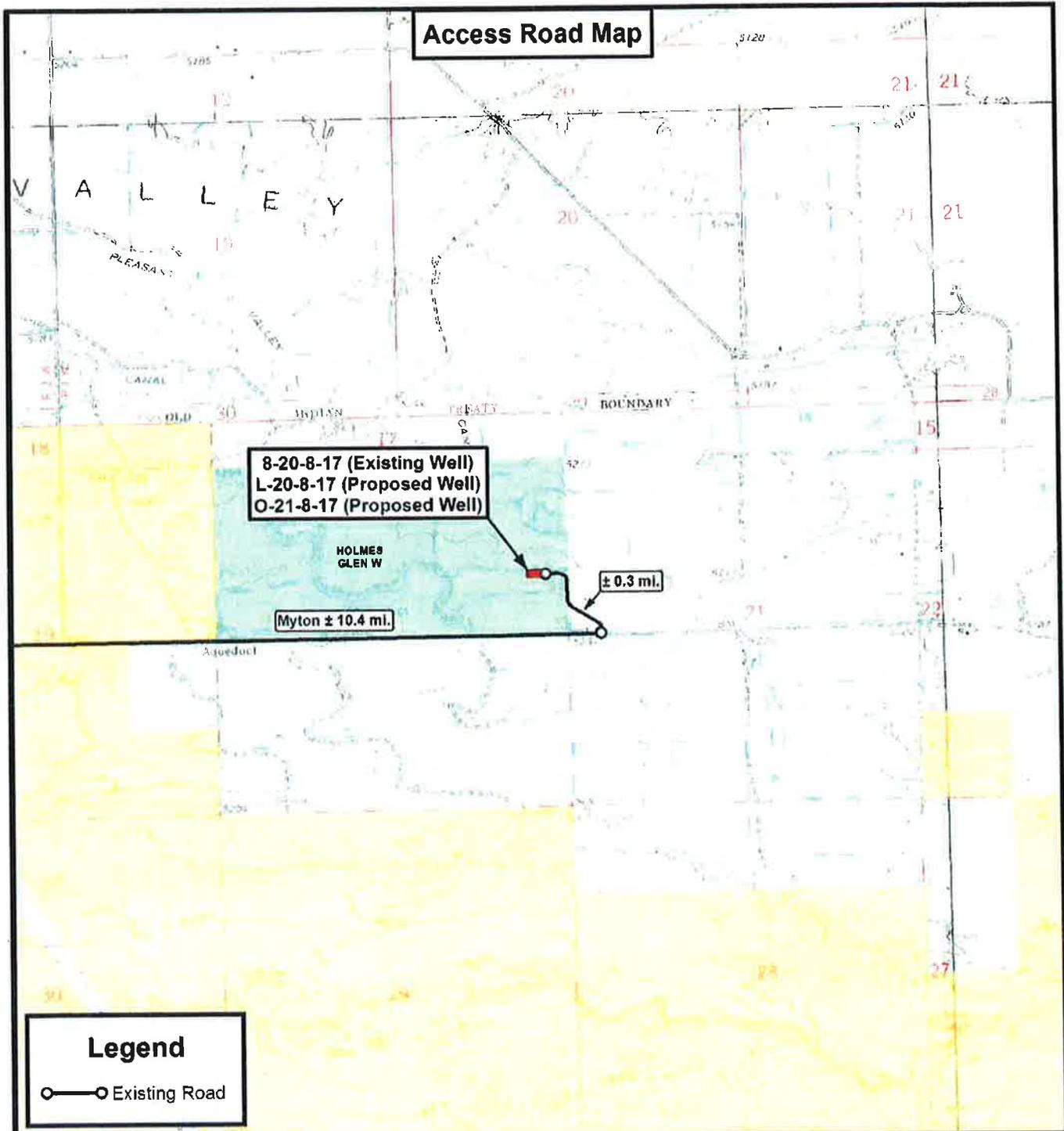
TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 11-29-12	SURVEYED BY: W.H.	VERSION:
DATE DRAWN: 12-05-12	DRAWN BY: V.H.	V1
REVISED:	SCALE: 1" = 1000'	

NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°06'21.18"	
LONGITUDE = 110°01'21.08"	
NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°06'21.32"	
LONGITUDE = 110°01'18.54"	
NAD 83 (CENTER OF PATTERN)	
LATITUDE = 40°06'12.14"	
LONGITUDE = 110°01'32.37"	
NAD 27 (CENTER OF PATTERN)	
LATITUDE = 40°06'12.28"	
LONGITUDE = 110°01'29.83"	
NAD 83 (BOTTOM HOLE LOCATION)	
LATITUDE = 40°06'08.92"	
LONGITUDE = 110°01'35.15"	
NAD 27 (BOTTOM HOLE LOCATION)	
LATITUDE = 40°06'10.06"	
LONGITUDE = 110°01'32.81"	

◆ = 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'



Legend
 ○— Existing Road

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

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

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	12-05-2012		V1
SCALE:	1" = 2,000'		

NEWFIELD EXPLORATION COMPANY
 8-20-8-17 (Existing Well)
 L-20-8-17 (Proposed Well)
 O-21-8-17 (Proposed Well)
 SEC. 20, T8S, R17E, S.L.B.&M. Duchesne County, UT.

TOPOGRAPHIC MAP

SHEET **B**

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name GMBU L-20-8-17
API Number 43013519710000 **APD No** 7477 **Field/Unit** MONUMENT BUTTE
Location: 1/4,1/4 SENE **Sec** 20 **Tw** 8.0S **Rng** 17.0E 1766 FNL 459 FEL
GPS Coord (UTM) 583294 4439952 **Surface Owner** Brad Lee and JoAnn H Nelson

Participants

Shon McKinnon - Newfield

Regional/Local Setting & Topography

New well on existing pad. Host well is the 8-20-8-17. Located inside of a ranch pasture boundaries. I see no further concerns.

Surface Use Plan

Current Surface Use
 Existing Well Pad

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

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands

Flora / Fauna

Soil Type and Characteristics

Erosion Issues

Sedimentation Issues

Site Stability Issues

Drainage Diversion Required?

Berm Required?

Erosion Sedimentation Control Required?

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

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)
Distance to Surface Water (feet)
Dist. Nearest Municipal Well (ft)
Distance to Other Wells (feet)
Native Soil Type
Fluid Type
Drill Cuttings
Annual Precipitation (inches)
Affected Populations
Presence Nearby Utility Conduits
Final Score

Sensitivity Level

Characteristics / Requirements

**Closed Loop Mud Required? Liner Required? Liner Thickness Pit Underlayment
Required?**

Other Observations / Comments

Chris Jensen
Evaluator

2/13/2013
Date / Time

**Application for Permit to Drill
Statement of Basis
Utah Division of Oil, Gas and Mining**

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
7477	43013519710000	LOCKED	OW	P	No
Operator	NEWFIELD PRODUCTION COMPANY		Surface Owner-APD	Brad Lee and JoAnn H Nelson	
Well Name	GMBU L-20-8-17		Unit	GMBU (GRRV)	
Field	MONUMENT BUTTE		Type of Work	DRILL	
Location	SENE 20 8S 17E S 1766 FNL (UTM) 583310E 4439962N		459 FEL GPS Coord		

Geologic Statement of Basis

The mineral rights for the proposed well are owned by the Federal Government. The BLM will be the agency responsible for evaluating and approving the drilling, casing and cement programs.

Brad Hill
APD Evaluator

2/26/2013
Date / Time

Surface Statement of Basis

New well on existing pad. Host well is the 8-20-8-17. I see no further concerns. In a farmers ranch pasture under heavy use. Shon mentioned maybe fencing off the location to keep cows out. He knows Mr, Nielson and will call and ask his preference

Chris Jensen
Onsite Evaluator

2/13/2013
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	The reserve pit shall be fenced upon completion of drilling operations.
Surface	Possible fencing of location to keep cows out.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 1/10/2013

API NO. ASSIGNED: 43013519710000

WELL NAME: GMBU L-20-8-17

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: SENE 20 080S 170E

Permit Tech Review:

SURFACE: 1766 FNL 0459 FEL

Engineering Review:

BOTTOM: 2392 FSL 1551 FEL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.10584

LONGITUDE: -110.02250

UTM SURF EASTINGS: 583310.00

NORTHINGS: 4439962.00

FIELD NAME: MONUMENT BUTTE

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-76954

PROPOSED PRODUCING FORMATION(S): GREEN RIVER

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: FEDERAL - WYB000493
- 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: 4 - Federal Approval - dmason
5 - Statement of Basis - bhll
15 - Directional - dmason
27 - Other - bhll



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-20-8-17
API Well Number: 43013519710000
Lease Number: UTU-76954
Surface Owner: FEE (PRIVATE)
Approval Date: 2/26/2013

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:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

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.

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).

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

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 at 801-538-5284

(please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at <http://oilgas.ogm.utah.gov>

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

JAN 16 2013

APPLICATION FOR PERMIT TO DRILL OR REENTER

BLM

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU76954
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator NEWFIELD EXPLORATION Contact: MANDIE CROZIER E-Mail: mcrozier@newfield.com		7. If Unit or CA Agreement, Name and No. GREATER MONUMENT
3a. Address ROUTE #3 BOX 3630 MYTON, UT 84052	3b. Phone No. (include area code) Ph: 435-646-4825 Fx: 435-646-3031	8. Lease Name and Well No. GMBU L-20-8-17
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SENE 1766FNL 459FEL At proposed prod. zone NWSE 2392FSL 1551FEL		9. API Well No. 4301351971
14. Distance in miles and direction from nearest town or post office* 10.7 MILES SOUTHEAST OF MYTON		10. Field and Pool, or Exploratory MONUMENT BUTTE
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 2392'	16. No. of Acres in Lease 1561.00	11. Sec., T., R., M., or Blk. and Survey or Area Sec 20 T8S R17E Mer SLB
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 1346'	19. Proposed Depth 6716 MD 6495 TVD	12. County or Parish DUCHESNE
21. Elevations (Show whether DF, KB, RT, GL, etc.) 5257 GL	22. Approximate date work will start 09/01/2013	13. State UT
24. Attachments		17. Spacing Unit dedicated to this well 20.00
		20. BLM/BIA Bond No. on file WYB000493
		23. Estimated duration 7 DAYS

RECEIVED
NOV 15 2013

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

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

DIV. OF OIL GAS & MINING

25. Signature (Electronic Submission)	Name (Printed/Typed) MANDIE CROZIER Ph: 435-646-4825	Date 01/11/2013
Title REGULATORY ANALYST		
Approved by (Signature)	Name (Printed/Typed) Jerry Kenczka	Date NOV 12 2013
Title Assistant Field Manager Lands & Mineral Resources		
Office VERNAL FIELD OFFICE		

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

CONDITIONS OF APPROVAL ATTACHED

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

Additional Operator Remarks (see next page)

Electronic Submission #180819 verified by the BLM Well Information System

For NEWFIELD EXPLORATION, sent to the Vernal

NOTICE OF APPROVAL committed to AFMSS for processing by ROBIN R. HANSEN on 01/18/2013 ()

UDOGM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

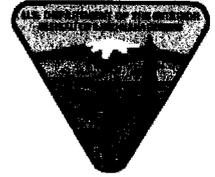


**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE**

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: GMBU L-20-8-17
API No: 43-013-51971

Location: SENE, Sec. 20, T8S, R17E
Lease No: UTU-76954
Agreement:

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

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

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

NOTIFICATION REQUIREMENTS

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

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

For protection of T&E Fish if drawing water from the Green River

- The best method to avoid entrainment is to pump from an off-channel location – one that does not connect to the river during high spring flows. An infiltration gallery constructed in a service approved location is best.
- If the pump head is located in the river channel the following stipulations apply:
 - Do not situate the pump in a low-flow or no-flow area as these habitats tend to concentrate larval fishes.
 - Limit the amount of pumping, to the greatest extent possible, during that period of the year when larval fish may be present (April 1 to August 1).
 - Limit the amount of pumping, to the greatest extent possible, during the midnight hours (10pm to 2 am), as larval drift studies indicate that this is a period of greatest daily activity. Dusk is the preferred pumping time, as larval drift abundance is lowest during this time.
- Screen all pump intakes with 3/32" mesh material.
- Approach velocities for intake structures should follow the National Marine Fisheries Service's document "fish screening criteria for anadromous salmonids". For projects with an in-stream intake that operate in stream reaches where larval fish may be present, the approach velocity should not exceed 0.33 feet per second (ft/s).
- Report any fish impinged on the intake screen or entrained into irrigation canals to the service (801.975.3330) or the Utah Division of Wildlife Resources:
 - Northeastern Region
 - 152 East 100 North, Vernal, UT 84078
 - Phone: (435)781-9453
- **Air Quality**

- All internal combustion equipment will be kept in good working order.
- Water or other approved dust suppressants will be used at construction sites and along roads, as determined appropriate by the Authorized Officer. Dust suppressant such as magnesium chloride or fresh water may be used, as needed, during the drilling phase.
- Open burning of garbage or refuse will not occur at well sites or other facilities.
- Drill rigs will be equipped with Tier II or better diesel engines.
- Low bleed pneumatics will be installed on separator dump valves and other controllers.
- During completion, no venting will occur, and flaring will be limited as much as possible. Production equipment and gathering lines will be installed as soon as possible.
- Telemetry will be installed to remotely monitor and control production.
- When feasible, two or more rigs (including drilling and completion rigs) will not be run simultaneously within 200 meters of each other. If two or more rigs must be run simultaneously within 200 meters of each other, then effective public health buffer zones out to 200 meters (m) from the nearest emission source will be implemented. Examples of an effective public health protection buffer zone include the demarcation of a public access exclusion zone by signage at intervals of every 250 feet that is visible from a distance of 125 feet during daylight hours, and a physical buffer such as active surveillance to ensure the property is not accessible by the public during drilling operations. Alternatively, the proponent may demonstrate compliance with the 1-hour NO₂ National Ambient Air Quality Standards (NAAQS) with appropriate and accepted near-field modeling. As part of this demonstration, the proponent may propose alternative mitigation that could include but is not limited to natural gas-fired drill rigs, installation of NO_x controls, time/use restrictions, and/or drill rig spacing.
- Green completions will be used for all well completion activities where technically feasible.
- Employ enhanced VOC emission controls with 95% control efficiency on production equipment having a potential to emit greater than 5 tons per year.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- Production casing cement shall be brought up and into the surface
- Surface casing cement shall be brought to surface

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

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

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well by CD (compact disc). This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings; fluid,

and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76954
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-20-8-17
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013519710000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1766 FNL 0459 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 20 Township: 08.0S Range: 17.0E 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 checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 2/26/2015	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Newfield proposes to extend the Application for Permit to Drill this well.

Approved by the
Feb Davis, 02, 2015
Oil, Gas and Mining

Date: _____
By:

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 1/28/2015	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013519710000

API: 43013519710000

Well Name: GMBU L-20-8-17

Location: 1766 FNL 0459 FEL QTR SENE SEC 20 TWP 080S RNG 170E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 2/26/2013

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No

- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No

- Has the approved source of water for drilling changed? Yes No

- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

- Is bonding still in place, which covers this proposed well? Yes No

Signature: Mandie Crozier

Date: 1/28/2015

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

OCT 29 2015

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

BLM

5. Lease Serial No.
UTU76954

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other Instructions on reverse side.

7. If Unit or CA/Agreement, Name and/or No.
UTU87538X

8. Well Name and No.
GMBU L-20-8-17

9. API Well No.
43-013-51971

10. Field and Pool, or Exploratory
MONUMENT BUTTE

11. County or Parish, and State
DUCHESNE COUNTY, UT

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY
Contact: MANDIE CROZIER
E-Mail: MCROZIER@NEWFIELD.COM

3a. Address
ROUTE 3 BOX 3630
MYTON, UT 84052

3b. Phone No. (include area code)
Ph: 435-646-4825

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 20 T8S R17E Mer SLB SENE 1766FNL 459FEL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original APD
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield proposes to extend the Application for Permit to Drill this well. The APD was originally approved on 11/12/13.

APD - 11/12/13
NEPA - 2013-96 EA

RECEIVED

DEC 18 2015

CONDITIONS OF APPROVAL ATTACHED DIV. OF OIL, GAS & MINING

VERNAL FIELD OFFICE
ENG. <i>RAR 11/24/15</i>
GEOL. _____
E.S. _____
PET. _____
RECL. _____

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #322009 verified by the BLM Well Information System For NEWFIELD PRODUCTION COMPANY, sent to the Vernal Committed to AFMSS for processing by JOHNETTA MAGEE on 11/02/2015 ()

Name (Printed/Typed) MANDIE CROZIER	Title REGULATORY SPECIALIST
Signature (Electronic Submission)	Date 10/29/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>[Signature]</i>	Title Assistant Field Manager Lands & Mineral Resources	Date NOV 30 2015
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office VERNAL FIELD OFFICE	

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.

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

UDOGM

CONDITIONS OF APPROVAL

Newfield Exploration Company

Notice of Intent APD Extension

Lease: UTU-76954
Well: GMBU L-20-8-17
Location: SENE Sec 20-T8S-R17E

An extension for the referenced APD is granted with the following conditions:

1. The extension and APD shall expire on 11/12/2017.
2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Robin L Hansen of this office at (435) 781-2777

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76954	
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)	
8. WELL NAME and NUMBER: GMBU L-20-8-17	
9. API NUMBER: 43013519710000	
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	
9. COUNTY: DUCHESNE	
STATE: UTAH	
1. TYPE OF WELL Oil Well	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	
PHONE NUMBER: 435 646-4825 Ext	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1766 FNL 0459 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 20 Township: 08.0S Range: 17.0E Meridian: S	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 2/26/2016	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
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	<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
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	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Newfield proposes to extend the Application for Permit to Drill this well.

Approved by the
Feb 03, 2016
Oil, Gas and Mining

Date: _____

By:

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 2/2/2016	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013519710000

API: 43013519710000

Well Name: GMBU L-20-8-17

Location: 1766 FNL 0459 FEL QTR SENE SEC 20 TWP 080S RNG 170E MER S

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- Is bonding still in place, which covers this proposed well? Yes No

Signature: Mandie Crozier

Date: 2/2/2016

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY