API Well Number: 43013527510000

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 112-32-8-17

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

3. FIELD OR WILDCAT
MONUMENT BUTTE

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

5. UNIT or COMMUNITIZATION AGREEMENT NAME
GMBU (GRRV)

6. NAME OF OPERATOR
NEWFIELD PRODUCTION COMPANY

7. OPERATOR PHONE
435 646-4825

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

9. OPERATOR E-MAIL
mcrozier@newfield.com

10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)
ML-22060

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

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

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

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

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

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

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

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

19. SLANT
VERTICAL ○ DIRECTIONAL ◉ HORIZONTAL ○

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	561 FNL 504 FWL	NWNW	32	8.0 S	17.0 E	S
Top of Uppermost Producing Zone	1041 FNL 588 FWL	NWNW	32	8.0 S	17.0 E	S
At Total Depth	1413 FNL 640 FWL	SWNW	32	8.0 S	17.0 E	S

21. COUNTY
DUCHESNE

22. DISTANCE TO NEAREST LEASE LINE (Feet)
640

23. NUMBER OF ACRES IN DRILLING UNIT
10

25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)
605

26. PROPOSED DEPTH
MD: 6206 TVD: 6137

27. ELEVATION - GROUND LEVEL
5233

28. BOND NUMBER
B001834

29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE
437478

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
SURF	12.25	8.625	0 - 300	24.0	J-55 ST&C	8.3	Class G	138	1.17	15.8
PROD	7.875	5.5	0 - 6206	15.5	J-55 LT&C	8.3	Premium Lite High Strength	291	3.26	11.0
							50/50 Poz	363	1.24	14.3

ATTACHMENTS

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

- ☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☑ COMPLETE DRILLING PLAN
- ☐ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)
- ☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
- ☑ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)
- ☑ TOPOGRAPHICAL MAP

NAME	TITLE	PHONE
Mandie Crozier	Regulatory Tech	435 646-4825
SIGNATURE	**DATE** 12/20/2013	**EMAIL** mcrozier@newfield.com

API NUMBER ASSIGNED
43013527510000

APPROVAL

Permit Manager

RECEIVED: February 05, 2014

NEWFIELD PRODUCTION COMPANY
GMBU 112-32-8-17
AT SURFACE: NW/NW SECTION 32, 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' –	1,615'
Green River		1,615'
Wasatch		6,315'
Proposed TD	6,206'(MD)	6,137' (TVD)

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

Green River Formation (Oil) 1,615' – 6,315'

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)

RECEIVED: December 20, 2013

4. *PROPOSED CASING PROGRAM*

a. Casing Design: GMBU 112-32-8-17

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'	6,206'	15.5	J-55	LTC	4,810 2.44	4,040 2.05	217,000 2.26

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 112-32-8-17

Job	Fill	Description	Sacks ft^3	OH Excess*	Weight (ppg)	Yield (ft^3/sk)
Surface casing	300'	Class G w/ 2% CaCl	138 161	30%	15.8	1.17
Prod casing Lead	4,206'	Prem Lite II w/ 10% gel + 3% KCl	291 947	30%	11.0	3.26
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363 451	30%	14.3	1.24

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

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

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

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

RECEIVED: December 20, 2013

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 ½" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ±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

RECEIVED: December 20, 2013

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 first quarter of 2014, and take approximately seven (7) days from spud to rig release.

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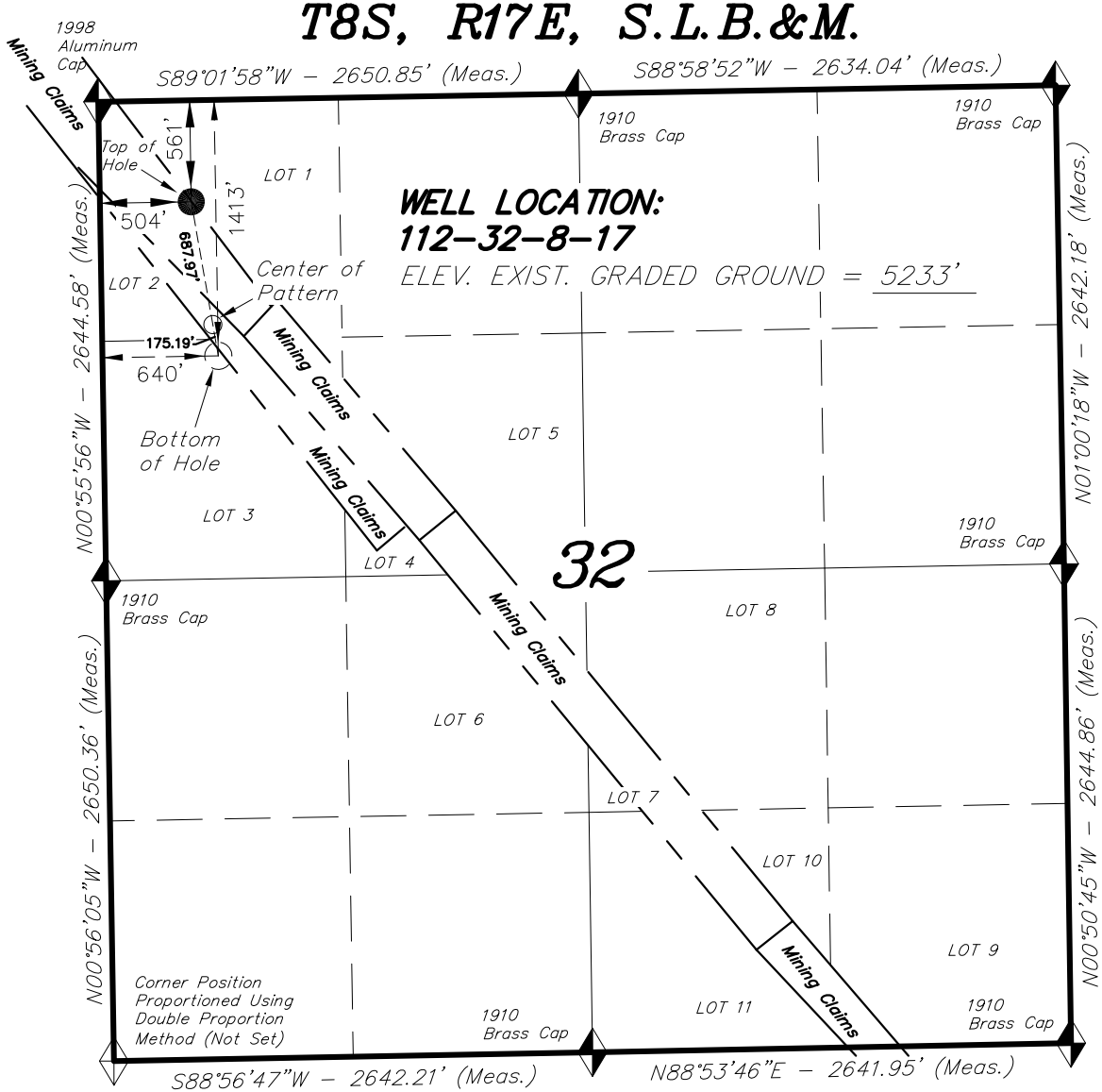
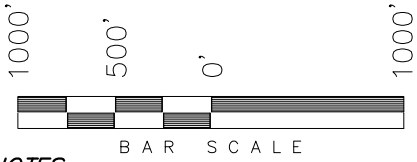
T8S, R17E, S.L.B.&M.



NEWFIELD EXPLORATION COMPANY

WELL LOCATION, 112-32-8-17, LOCATED AS SHOWN IN THE NW 1/4 NW 1/4 (MC 5319) OF SECTION 32, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

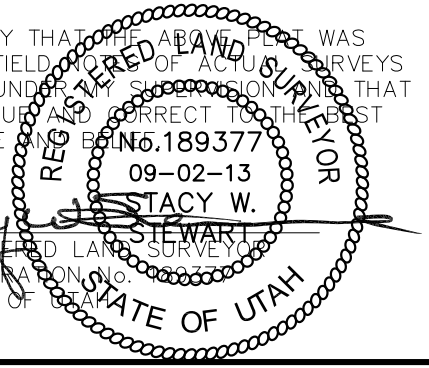
TARGET BOTTOM HOLE, 112-32-8-17, LOCATED AS SHOWN IN THE SW 1/4 NW 1/4 (LOT 3) OF SECTION 32, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. The Bottom of Hole bears S09°58'44"E 863.16' from the Top of Hole.
4. The Center of Pattern footages are 1240' FNL & 612' FWL.

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



REGISTERED LAND SURVEYOR
REGISTRATION No. [illegible]
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°04'48.46"
LONGITUDE = 110°02'17.00"
NAD 27 (SURFACE LOCATION)
LATITUDE = 40°04'48.60"
LONGITUDE = 110°02'14.46"

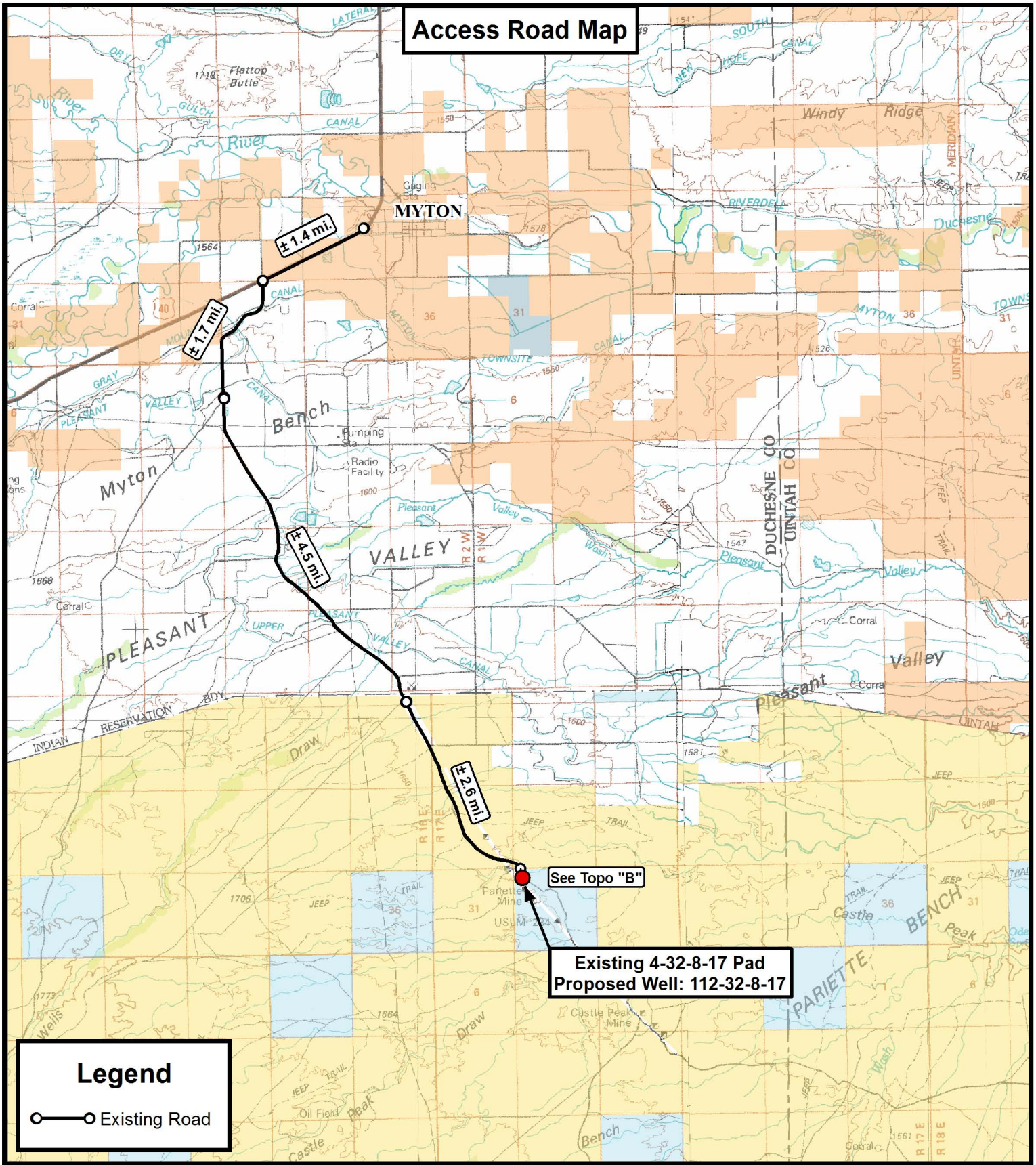
NAD 83 (CENTER OF PATTERN)	NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 40°04'41.75"	LATITUDE = 40°04'40.04"
LONGITUDE = 110°02'15.61"	LONGITUDE = 110°02'15.25"
NAD 27 (CENTER OF PATTERN)	**NAD 27 (BOTTOM HOLE LOCATION)**
LATITUDE = 40°04'41.88"	LATITUDE = 40°04'40.18"
LONGITUDE = 110°02'13.07"	LONGITUDE = 110°02'12.71"

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

DATE SURVEYED: 07-25-13	SURVEYED BY: S.H.	VERSION:
DATE DRAWN: 09-02-13	DRAWN BY: F.T.M.	V2
REVISED:	SCALE: 1" = 1000'	

RECEIVED: December 20, 2013

API Well Number: 43013527510000



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

N

NEWFIELD EXPLORATION COMPANY

Existing 4-32-8-17 Pad
Proposed Well: 112-32-8-17
Sec. 32, T8S, R17E, S.L.B.&M.
Duchesne County, UT.

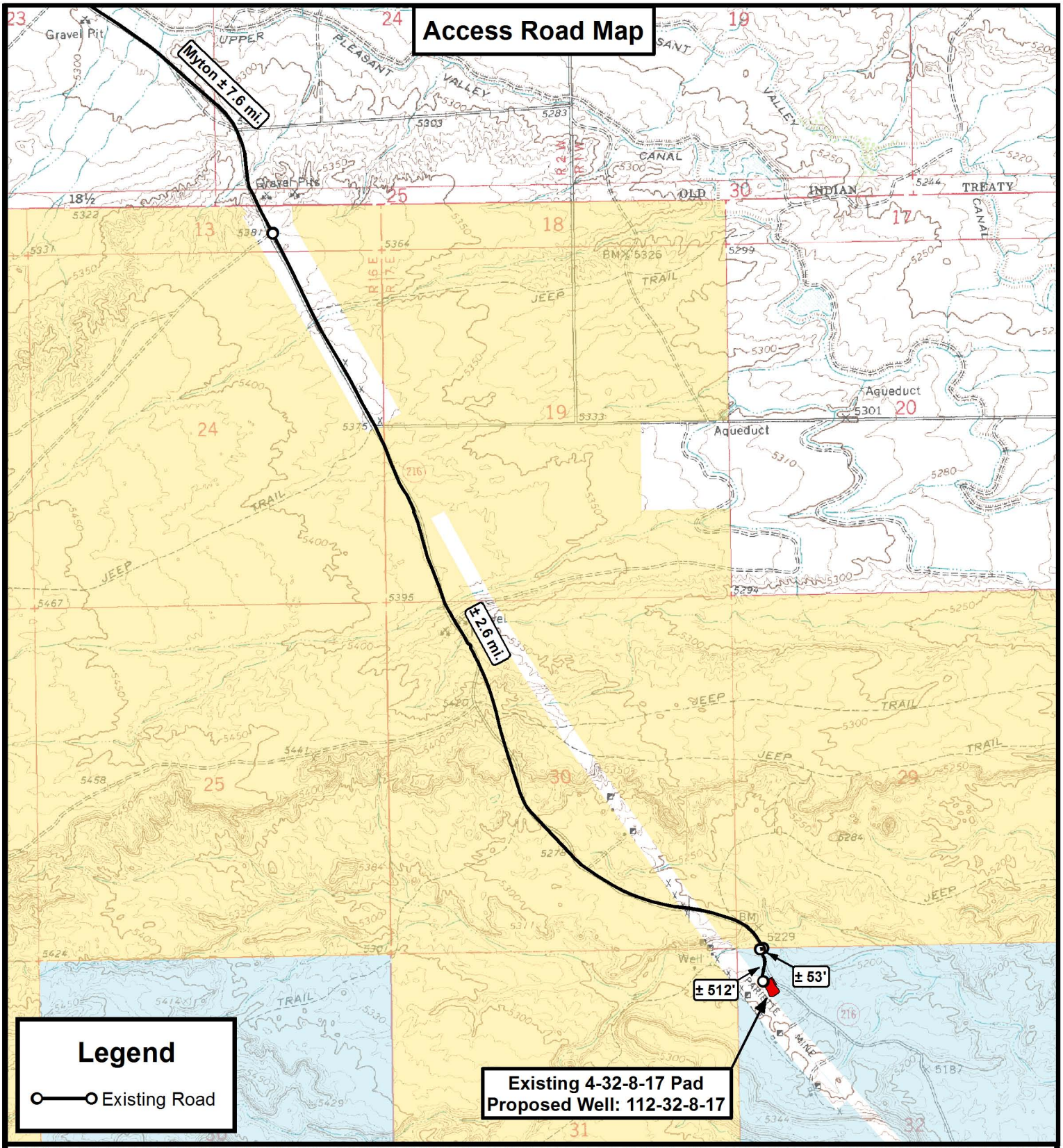
DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	09-02-2013		V2
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET A

API Well Number: 43013527510000

Access Road Map



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

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

NEWFIELD EXPLORATION COMPANY

Existing 4-32-8-17 Pad
Proposed Well: 112-32-8-17
Sec. 32, T8S, R17E, S.L.B.&M.
Duchesne County, UT.

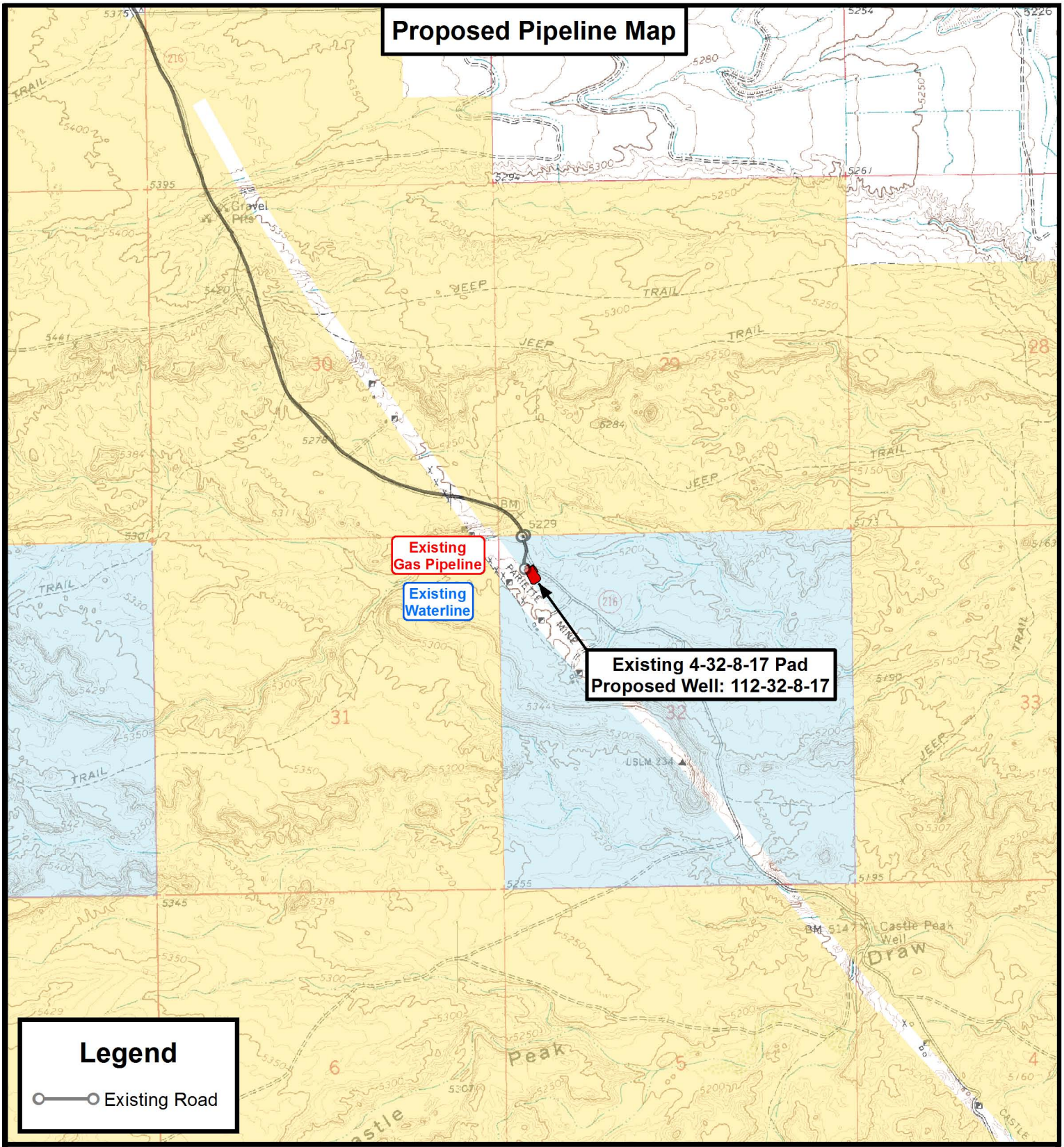
DRAWN BY:	A.P.C.	REVISED: 09-02-13 A.P.C.	VERSION:
DATE:	08-13-2013		V2
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET B

API Well Number: 43013527510000

Proposed Pipeline Map



Legend

Existing Road

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

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180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

Existing 4-32-8-17 Pad
Proposed Well: 112-32-8-17
Sec. 32, T8S, R17E, S.L.B.&M.
Duchesne County, UT.

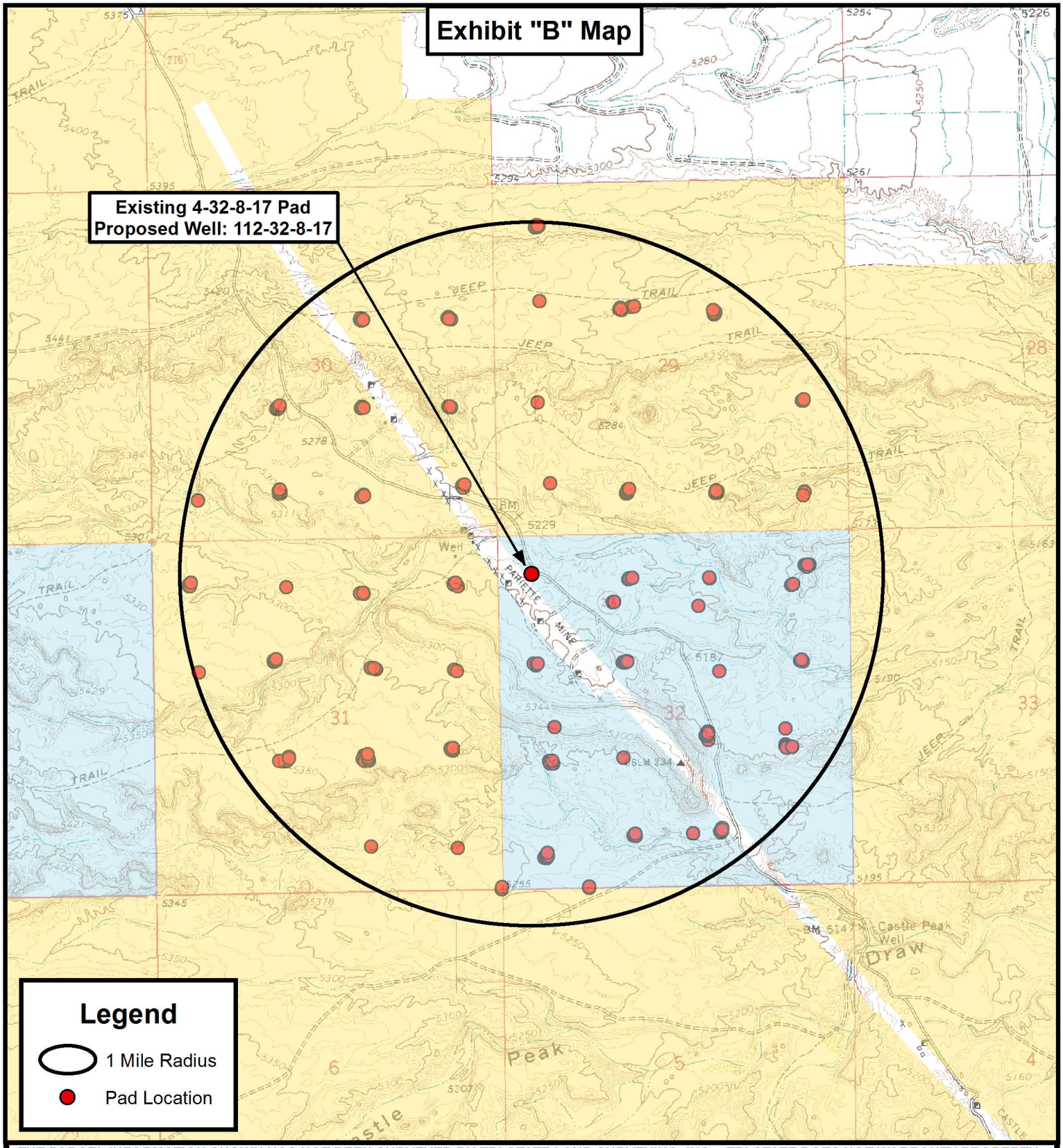
DRAWN BY:	A.P.C.	REVISED: 09-02-13 A.P.C.	VERSION:
DATE:	08-13-2013		V2
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET C

API Well Number: 43013527510000

Exhibit "B" Map



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F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY
Existing 4-32-8-17 Pad
Proposed Well: 112-32-8-17
Sec. 32, T8S, R17E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	09-02-2013		V2
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET D

API Well Number: 43013527510000

Coordinate Report

Well Number	Feature Type	Latitude (NAD 83) (DMS)	Longitude (NAD 83) (DMS)
4-32-8-17	Surface Hole	40° 04' 48.41" N	110° 02' 16.73" W
112-32-8-17	Surface Hole	40° 04' 48.46" N	110° 02' 17.00" W
112-32-8-17	Center of Pattern	40° 04' 41.75" N	110° 02' 15.61" W
112-32-8-17	Bottom of Hole	40° 04' 40.04" N	110° 02' 15.25" W

Well Number	Feature Type	Latitude (NAD 83) (DD)	Longitude (NAD 83) (DD)
4-32-8-17	Surface Hole	40.080115	110.037981
112-32-8-17	Surface Hole	40.080128	110.038055
112-32-8-17	Center of Pattern	40.078263	110.037669
112-32-8-17	Bottom of Hole	40.077789	110.037570

Well Number	Feature Type	Northing (NAD 83) (UTM Meters)	Longitude (NAD 83) (UTM Meters)
4-32-8-17	Surface Hole	4437092.599	582022.268
112-32-8-17	Surface Hole	4437094.012	582015.962
112-32-8-17	Center of Pattern	4436887.412	582051.135
112-32-8-17	Bottom of Hole	4436834.802	582060.092

Well Number	Feature Type	Latitude (NAD 27) (DMS)	Longitude (NAD 27) (DMS)
4-32-8-17	Surface Hole	40° 04' 48.55" N	110° 02' 14.19" W
112-32-8-17	Surface Hole	40° 04' 48.60" N	110° 02' 14.46" W
112-32-8-17	Center of Pattern	40° 04' 41.88" N	110° 02' 13.07" W
112-32-8-17	Bottom of Hole	40° 04' 40.18" N	110° 02' 12.71" W

Well Number	Feature Type	Latitude (NAD 27) (DD)	Longitude (NAD 27) (DD)
4-32-8-17	Surface Hole	40.080153	110.037276
112-32-8-17	Surface Hole	40.080166	110.037349
112-32-8-17	Center of Pattern	40.078301	110.036963
112-32-8-17	Bottom of Hole	40.077826	110.036865

Well Number	Feature Type	Northing (NAD 27) (UTM Meters)	Longitude (NAD 27) (UTM Meters)
4-32-8-17	Surface Hole	4436887.275	582084.521
112-32-8-17	Surface Hole	4436888.689	582078.216
112-32-8-17	Center of Pattern	4436682.089	582113.391
112-32-8-17	Bottom of Hole	4436629.478	582122.348

Tri State Land Surveying, Inc.
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NEWFIELD EXPLORATION COMPANY

Existing 4-32-8-17 Pad
Proposed Well: 112-32-8-17
Sec. 32, T8S, R17E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	
DATE:	09-02-2013		
VERSION:	V2		

COORDINATE REPORT

SHEET 1

RECEIVED: December 20, 2013

NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 32 T8S, R17E
112-32-8-17

Wellbore #1

Plan: Design #1

Standard Planning Report

29 August, 2013

RECEIVED: December 20, 2013

NEWFIELD

Payzone Directional

Planning Report

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well 112-32-8-17
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	112-32-8-17 @ 5243.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	**MD Reference:**	112-32-8-17 @ 5243.0ft (Original Well Elev)
Site:	SECTION 32 T8S, R17E	**North Reference:**	True
Well:	112-32-8-17	**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 32 T8S, R17E, SEC 32 T8S, R17E

Site Position:		**Northing:**	7,197,024.42 ft	**Latitude:**	40° 4' 6.630 N
From:	Lat/Long	**Easting:**	2,049,704.59 ft	**Longitude:**	110° 2' 14.800 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	0.94 °

Well 112-32-8-17, SHL LAT: 40 04 48.46 LONG: -110 02 17.00

Well Position	**+N/-S**	4,232.5 ft	**Northing:**	7,201,253.51 ft	**Latitude:**	40° 4' 48.460 N
	+E/-W	-171.0 ft	**Easting:**	2,049,464.41 ft	**Longitude:**	110° 2' 17.000 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	5,243.0 ft	**Ground Level:**	5,233.0 ft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	7/22/2013	11.04	65.78	52,088

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	170.02

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	
1,225.5	9.38	170.02	1,222.7	-50.3	8.9	1.50	1.50	0.00	170.02	
5,132.1	9.38	170.02	5,077.0	-677.6	119.2	0.00	0.00	0.00	0.00	112-32-8-17 TGT
6,206.4	9.38	170.02	6,137.0	-850.1	149.6	0.00	0.00	0.00	0.00	

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NEWFIELD

Payzone Directional

Planning Report

PAYZONE DIRECTIONAL

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well 112-32-8-17
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	112-32-8-17 @ 5243.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	**MD Reference:**	112-32-8-17 @ 5243.0ft (Original Well Elev)
Site:	SECTION 32 T8S, R17E	**North Reference:**	True
Well:	112-32-8-17	**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	170.02	700.0	-1.3	0.2	1.3	1.50	1.50	0.00
800.0	3.00	170.02	799.9	-5.2	0.9	5.2	1.50	1.50	0.00
900.0	4.50	170.02	899.7	-11.6	2.0	11.8	1.50	1.50	0.00
1,000.0	6.00	170.02	999.3	-20.6	3.6	20.9	1.50	1.50	0.00
1,100.0	7.50	170.02	1,098.6	-32.2	5.7	32.7	1.50	1.50	0.00
1,200.0	9.00	170.02	1,197.5	-46.3	8.1	47.0	1.50	1.50	0.00
1,225.5	9.38	170.02	1,222.7	-50.3	8.9	51.1	1.50	1.50	0.00
1,300.0	9.38	170.02	1,296.2	-62.3	11.0	63.2	0.00	0.00	0.00
1,400.0	9.38	170.02	1,394.9	-78.3	13.8	79.5	0.00	0.00	0.00
1,500.0	9.38	170.02	1,493.5	-94.4	16.6	95.8	0.00	0.00	0.00
1,600.0	9.38	170.02	1,592.2	-110.5	19.4	112.1	0.00	0.00	0.00
1,700.0	9.38	170.02	1,690.9	-126.5	22.3	128.5	0.00	0.00	0.00
1,800.0	9.38	170.02	1,789.5	-142.6	25.1	144.8	0.00	0.00	0.00
1,900.0	9.38	170.02	1,888.2	-158.6	27.9	161.1	0.00	0.00	0.00
2,000.0	9.38	170.02	1,986.8	-174.7	30.7	177.4	0.00	0.00	0.00
2,100.0	9.38	170.02	2,085.5	-190.7	33.6	193.7	0.00	0.00	0.00
2,200.0	9.38	170.02	2,184.2	-206.8	36.4	210.0	0.00	0.00	0.00
2,300.0	9.38	170.02	2,282.8	-222.8	39.2	226.3	0.00	0.00	0.00
2,400.0	9.38	170.02	2,381.5	-238.9	42.0	242.6	0.00	0.00	0.00
2,500.0	9.38	170.02	2,480.2	-255.0	44.9	258.9	0.00	0.00	0.00
2,600.0	9.38	170.02	2,578.8	-271.0	47.7	275.2	0.00	0.00	0.00
2,700.0	9.38	170.02	2,677.5	-287.1	50.5	291.5	0.00	0.00	0.00
2,800.0	9.38	170.02	2,776.1	-303.1	53.3	307.8	0.00	0.00	0.00
2,900.0	9.38	170.02	2,874.8	-319.2	56.2	324.1	0.00	0.00	0.00
3,000.0	9.38	170.02	2,973.5	-335.2	59.0	340.4	0.00	0.00	0.00
3,100.0	9.38	170.02	3,072.1	-351.3	61.8	356.7	0.00	0.00	0.00
3,200.0	9.38	170.02	3,170.8	-367.4	64.6	373.0	0.00	0.00	0.00
3,300.0	9.38	170.02	3,269.5	-383.4	67.5	389.3	0.00	0.00	0.00
3,400.0	9.38	170.02	3,368.1	-399.5	70.3	405.6	0.00	0.00	0.00
3,500.0	9.38	170.02	3,466.8	-415.5	73.1	421.9	0.00	0.00	0.00
3,600.0	9.38	170.02	3,565.4	-431.6	75.9	438.2	0.00	0.00	0.00
3,700.0	9.38	170.02	3,664.1	-447.6	78.8	454.5	0.00	0.00	0.00
3,800.0	9.38	170.02	3,762.8	-463.7	81.6	470.8	0.00	0.00	0.00
3,900.0	9.38	170.02	3,861.4	-479.7	84.4	487.1	0.00	0.00	0.00
4,000.0	9.38	170.02	3,960.1	-495.8	87.2	503.4	0.00	0.00	0.00
4,100.0	9.38	170.02	4,058.8	-511.9	90.1	519.7	0.00	0.00	0.00
4,200.0	9.38	170.02	4,157.4	-527.9	92.9	536.0	0.00	0.00	0.00
4,300.0	9.38	170.02	4,256.1	-544.0	95.7	552.3	0.00	0.00	0.00
4,400.0	9.38	170.02	4,354.7	-560.0	98.5	568.6	0.00	0.00	0.00
4,500.0	9.38	170.02	4,453.4	-576.1	101.4	584.9	0.00	0.00	0.00
4,600.0	9.38	170.02	4,552.1	-592.1	104.2	601.2	0.00	0.00	0.00
4,700.0	9.38	170.02	4,650.7	-608.2	107.0	617.5	0.00	0.00	0.00
4,800.0	9.38	170.02	4,749.4	-624.2	109.8	633.8	0.00	0.00	0.00
4,900.0	9.38	170.02	4,848.0	-640.3	112.7	650.1	0.00	0.00	0.00
5,000.0	9.38	170.02	4,946.7	-656.4	115.5	666.4	0.00	0.00	0.00
5,100.0	9.38	170.02	5,045.4	-672.4	118.3	682.7	0.00	0.00	0.00
5,132.1	9.38	170.02	5,077.0	-677.6	119.2	688.0	0.00	0.00	0.00

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NEWFIELD

Payzone Directional

Planning Report

PAYZONE DIRECTIONAL

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well 112-32-8-17
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	112-32-8-17 @ 5243.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	**MD Reference:**	112-32-8-17 @ 5243.0ft (Original Well Elev)
Site:	SECTION 32 T8S, R17E	**North Reference:**	True
Well:	112-32-8-17	**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)
5,200.0	9.38	170.02	5,144.0	-688.5	121.1	699.0	0.00	0.00	0.00
5,300.0	9.38	170.02	5,242.7	-704.5	124.0	715.3	0.00	0.00	0.00
5,400.0	9.38	170.02	5,341.4	-720.6	126.8	731.6	0.00	0.00	0.00
5,500.0	9.38	170.02	5,440.0	-736.6	129.6	748.0	0.00	0.00	0.00
5,600.0	9.38	170.02	5,538.7	-752.7	132.4	764.3	0.00	0.00	0.00
5,700.0	9.38	170.02	5,637.3	-768.7	135.3	780.6	0.00	0.00	0.00
5,800.0	9.38	170.02	5,736.0	-784.8	138.1	796.9	0.00	0.00	0.00
5,900.0	9.38	170.02	5,834.7	-800.9	140.9	813.2	0.00	0.00	0.00
6,000.0	9.38	170.02	5,933.3	-816.9	143.8	829.5	0.00	0.00	0.00
6,100.0	9.38	170.02	6,032.0	-833.0	146.6	845.8	0.00	0.00	0.00
6,206.4	9.38	170.02	6,137.0	-850.1	149.6	863.1	0.00	0.00	0.00

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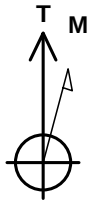
API Well Number: 43013527510000

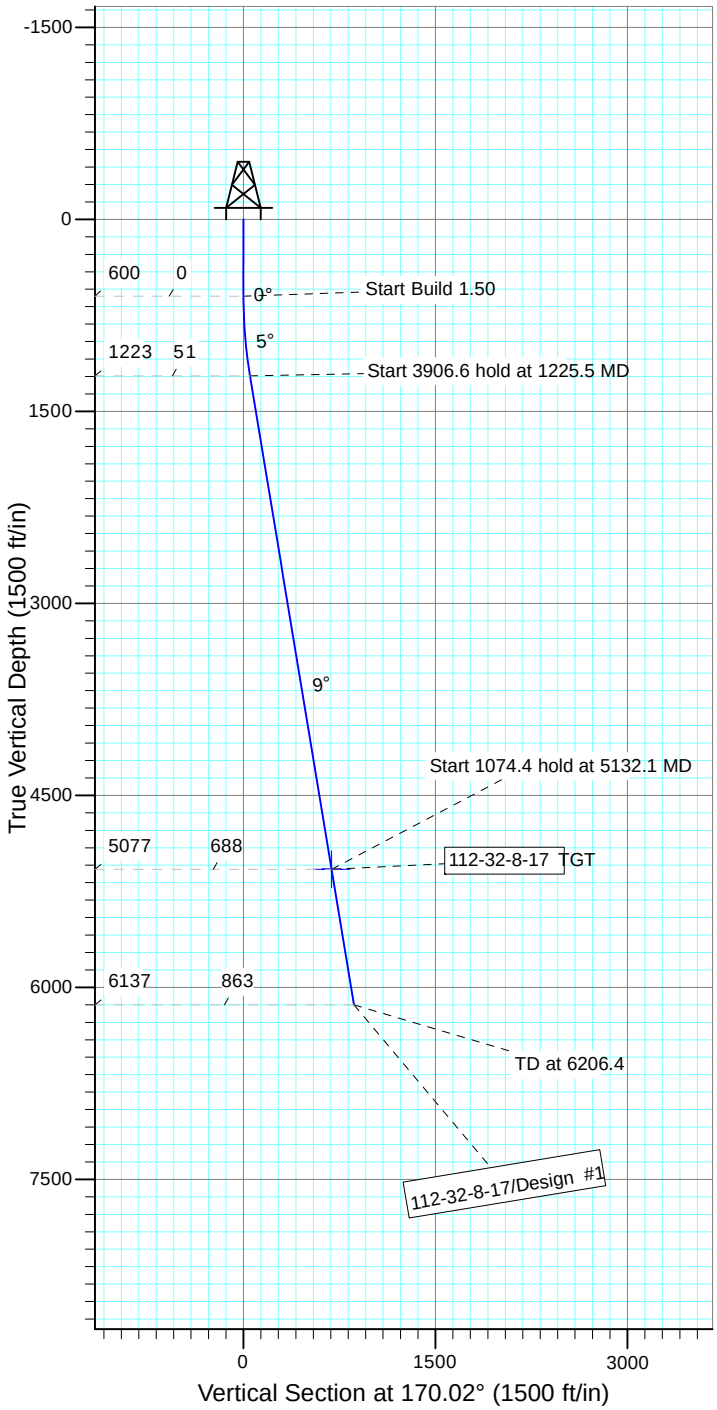
NEWFIELD

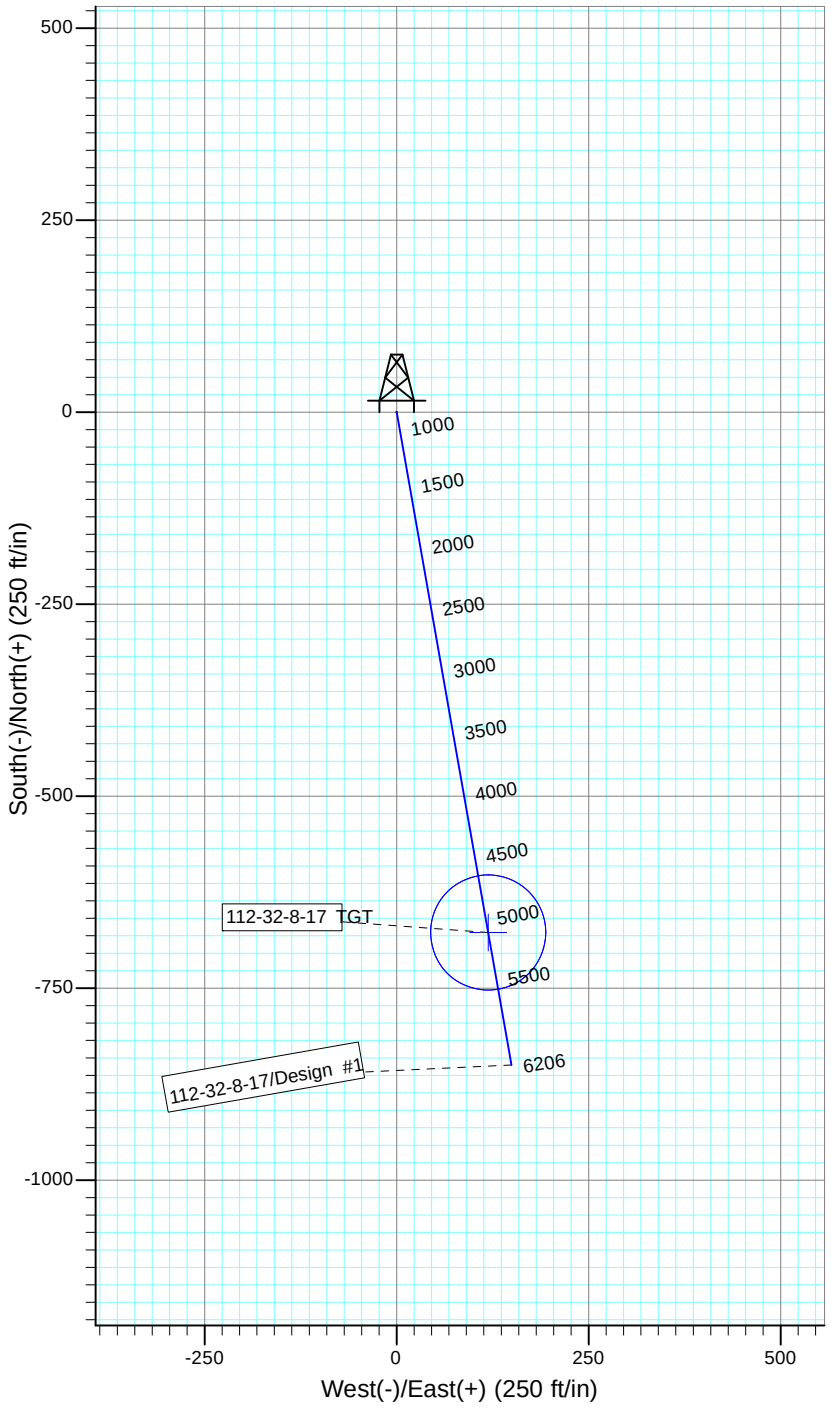
Project: USGS Myton SW (UT)
Site: SECTION 32 T8S, R17E
Well: 112-32-8-17
Wellbore: Wellbore #1
Design: Design #1



Azimuths to True North
Magnetic North: 11.04°

Magnetic Field
Strength: 52087.5snT
Dip Angle: 65.78°
Date: 7/22/2013
Model: IGRF2010





WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
112-32-8-17 TGT	5077.0	-677.6	119.2	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	1225.5	9.38	170.02	1222.7	-50.3	8.9	1.50	170.02	51.1	
4	5132.1	9.38	170.02	5077.0	-677.6	119.2	0.00	0.00	688.0	112-32-8-17 TGT
5	6206.4	9.38	170.02	6137.0	-850.1	149.6	0.00	0.00	863.1	

PAYZONE

NEWFIELD PRODUCTION COMPANY
GMBU 112-32-8-17
AT SURFACE: NW/NW SECTION 32, T8S R17E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site GMBU 112-32-8-17 located in the NW 1/4 NW 1/4 Section 32, T8S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 – 1.4 miles ± to the junction of this highway and UT State Hwy 53; proceed in a southeasterly direction – 8.8 miles ± to it's junction with the beginning of the access road to the existing 4-32-8-17 well location.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal. Any necessary fill material for repair will be purchase and hauled from private sources.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionaly off of the existing 4-32-8-17 well pad. See attached **Topographic Map "B"**.

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

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

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

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

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

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Tank batteries will be built to State specifications.

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

Johnson Water District
Water Right : 43-7478

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).

There will be no water well drilled at this site.

6. SOURCE OF CONSTRUCTION MATERIALS

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

A mineral material application is not required for this location.

7. METHODS FOR HANDLING WASTE DISPOSAL

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

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

A portable toilet will be provided for human waste.

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

8. ANCILLARY FACILITIES

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

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9. ***WELL SITE LAYOUT***

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.

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

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

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

a) Producing Location

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

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

b) Dry Hole Abandoned Location

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

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

12. ***OTHER ADDITIONAL INFORMATION***

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report # 13-276, 11/14/13, prepared by Montgomery Archaeological Consultants. Paleontological Resource Survey prepared by, Wade Miller, 9/25/13. See attached report cover pages, Exhibit “D”.

Water Disposal
After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's

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secondary recovery project. Water not meeting quality criteria, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.

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

Hazardous Material Declaration
Newfield Production Company guarantees that during the drilling and completion of the GMBU 112-32-8-17, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the GMBU 112-32-8-17, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

13. **LESSEE'S OR OPERATOR'S REPRENSENTATIVE 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 #112-32-8-17, Section 32, Township 8S, Range 17E: Lease ML-22060 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, State Bond #B001834.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

Mandie Crozier
Digitally signed by Mandie Crozier
DN: cn=Mandie Crozier, o=Newfield Production, ou=Regulatory Analyst, email=mcrozier@newfield.com, c=US
Date: 2013.12.19 12:07:20 -07'00'

12/19/13
Date

Mandie Crozier
Regulatory Analyst
Newfield Production Company

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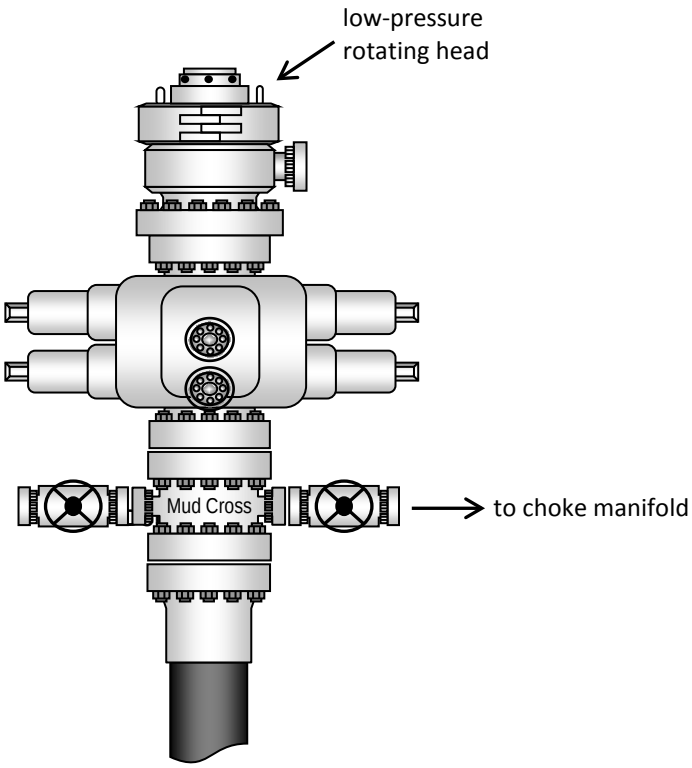
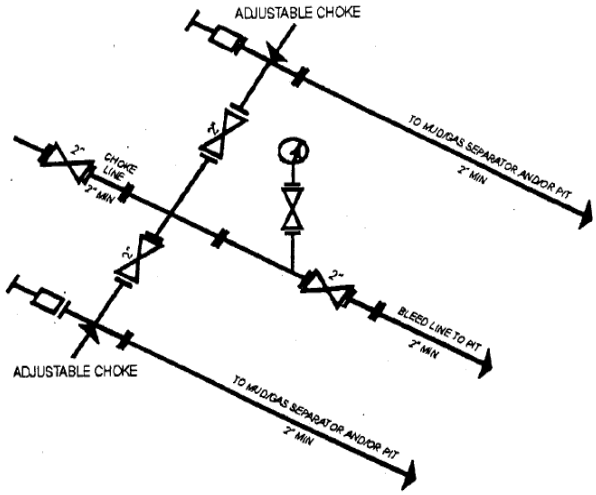
Typical 2M BOP stack configuration





2M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

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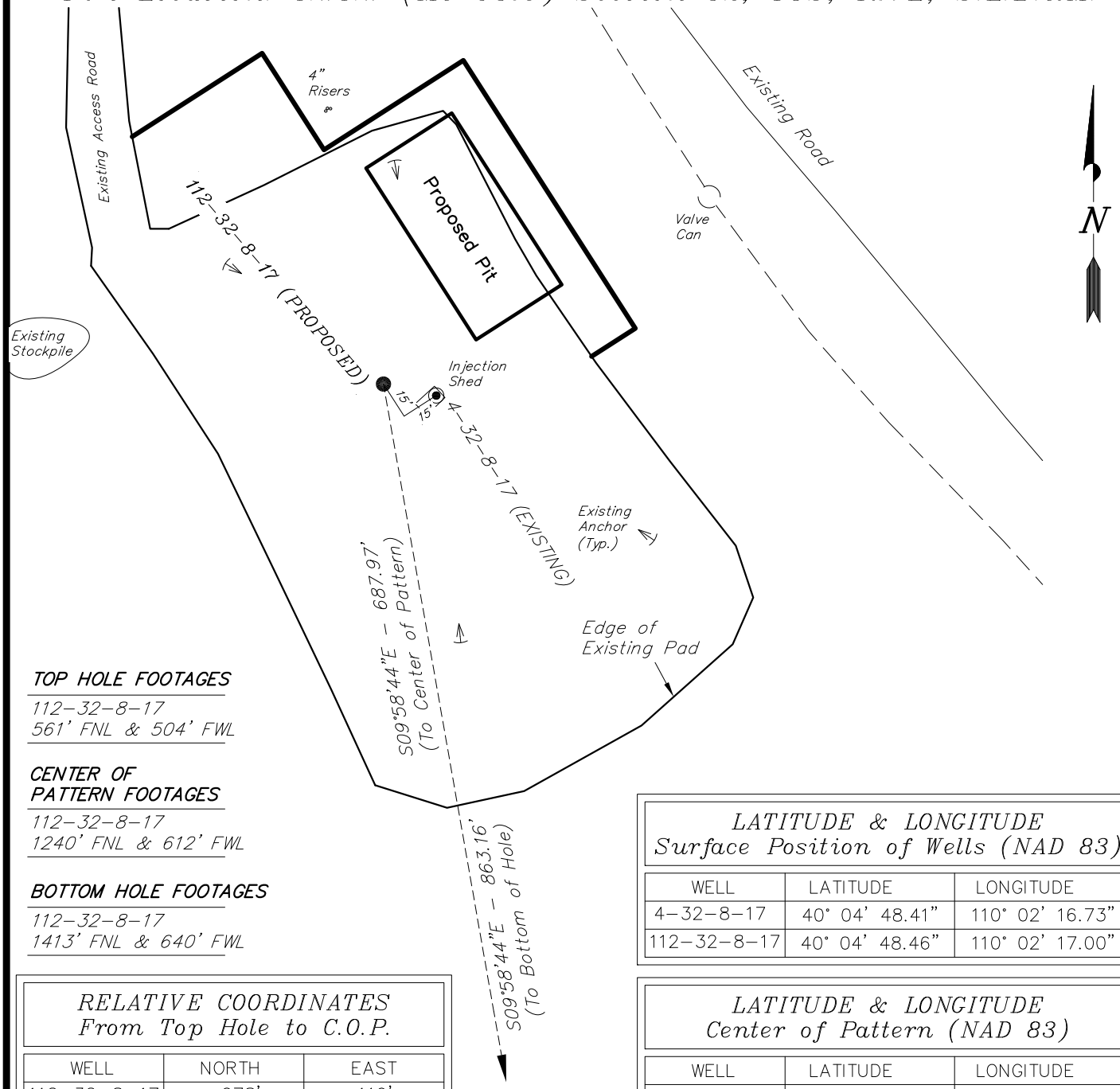
NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

EXISTING 4-32-8-17 PAD

PROPOSED WELL: 112-32-8-17

Pad Location: NWNW (MC 5319) Section 32, T8S, R17E, S.L.B.&M.



TOP HOLE FOOTAGES

112-32-8-17
561' FNL & 504' FWL

CENTER OF PATTERN FOOTAGES

112-32-8-17
1240' FNL & 612' FWL

BOTTOM HOLE FOOTAGES

112-32-8-17
1413' FNL & 640' FWL

LATITUDE & LONGITUDE
Surface Position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
4-32-8-17	40° 04' 48.41"	110° 02' 16.73"
112-32-8-17	40° 04' 48.46"	110° 02' 17.00"

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

WELL	NORTH	EAST
112-32-8-17	-678'	119'

LATITUDE & LONGITUDE
Center of Pattern (NAD 83)

WELL	LATITUDE	LONGITUDE
112-32-8-17	40° 04' 41.75"	110° 02' 15.61"

RELATIVE COORDINATES
From Top Hole to Bottom Hole

WELL	NORTH	EAST
112-32-8-17	-850'	150'

Note:
Bearings are based on GPS Observations.

LATITUDE & LONGITUDE
Bottom Hole Position (NAD 83)

WELL	LATITUDE	LONGITUDE
112-32-8-17	40° 04' 40.04"	110° 02' 15.25"

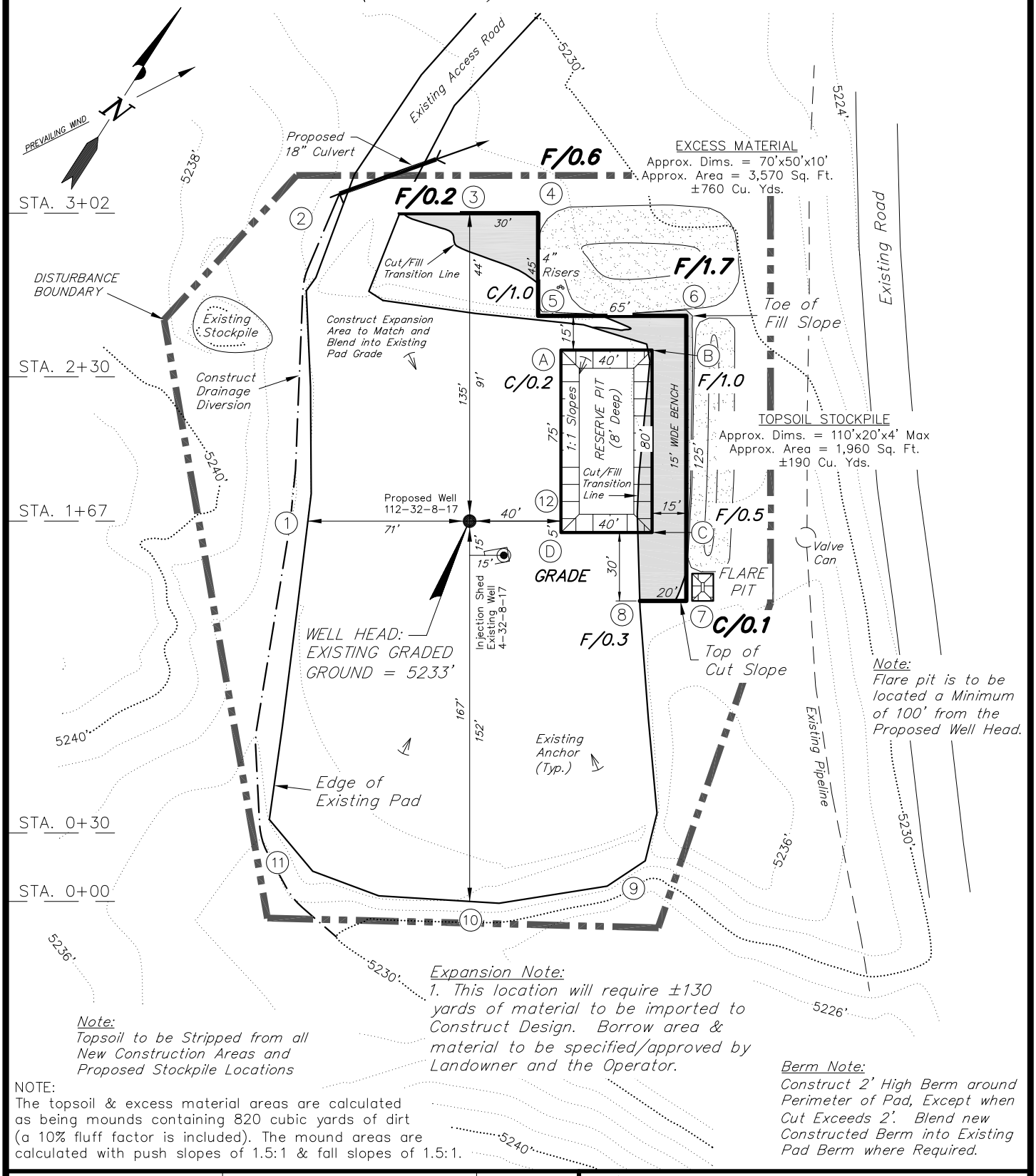
SURVEYED BY: S.H.	DATE SURVEYED: 07-25-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 09-02-13	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: F.T.M. 01-27-14		

RECEIVED: January 29, 2014

NEWFIELD EXPLORATION COMPANY

LOCATION LAYOUT
EXISTING 4-32-8-17 PAD
PROPOSED WELL: 112-32-8-17

Pad Location: NWNW (MC 5319) Section 32, T8S, R17E, S.L.B.&M.



Note:
Topsoil to be Stripped from all New Construction Areas and Proposed Stockpile Locations

Expansion Note:
1. This location will require ±130 yards of material to be imported to Construct Design. Borrow area & material to be specified/approved by Landowner and the Operator.

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 820 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.

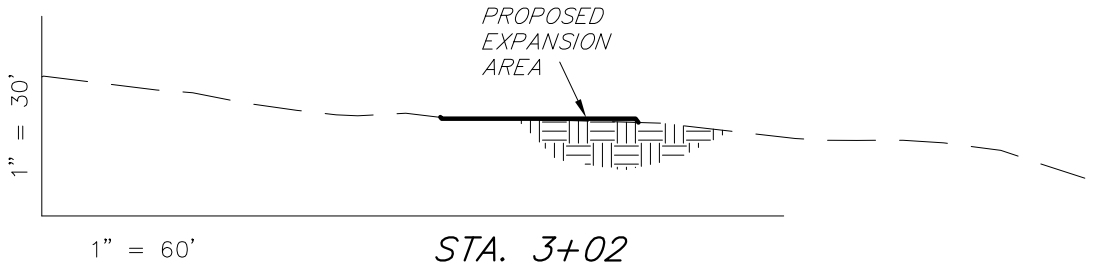
SURVEYED BY: S.H.	DATE SURVEYED: 07-25-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 08-02-13	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: F.T.M. 01-27-14		

RECEIVED: January 29, 2014

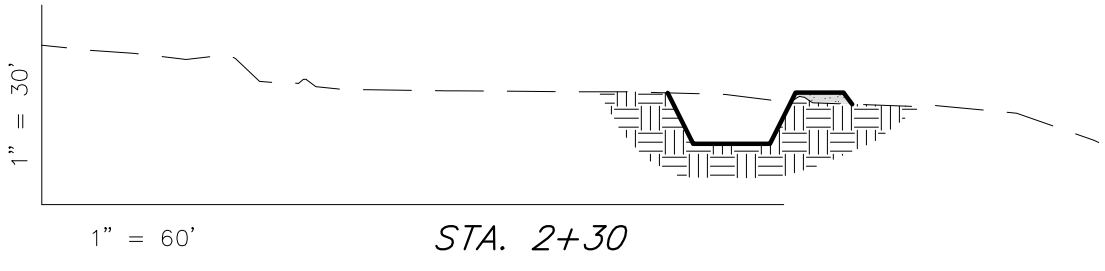
NEWFIELD EXPLORATION COMPANY

CROSS SECTIONS
EXISTING 4-32-8-17 PAD
PROPOSED WELL: 112-32-8-17

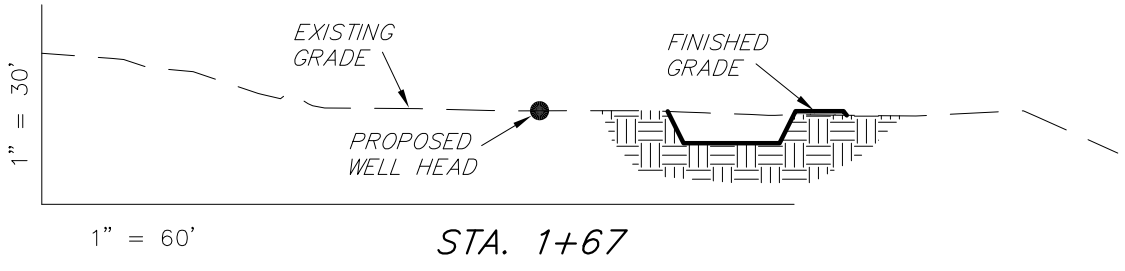
Pad Location: NWNW (MC 5319) Section 32, T8S, R17E, S.L.B.&M.



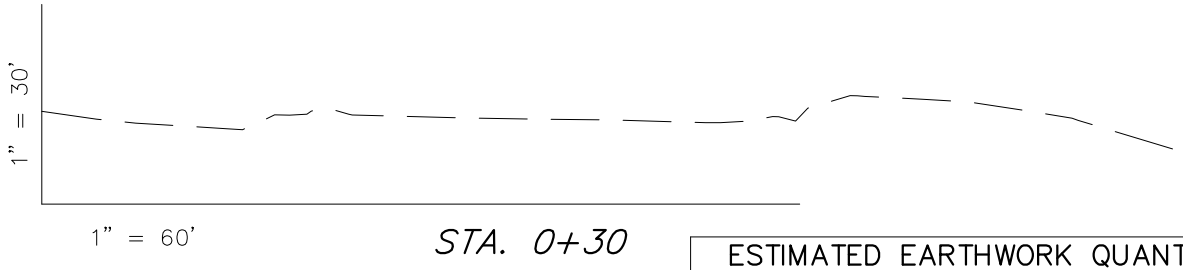
STA. 3+02



STA. 2+30



STA. 1+67



STA. 0+30

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

Expansion Note:
1. This location will require ±130 yards of material to be imported to Construct Design. Borrow area & material to be specified/approved by Landowner and the Operator.

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	0	130	Topsoil is not included in Pad Cut	-130
PIT	690	0		690
TOTALS	690	130	170	560

SURVEYED BY: S.H.	DATE SURVEYED: 07-25-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 08-02-13	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: F.T.M. 01-27-14		

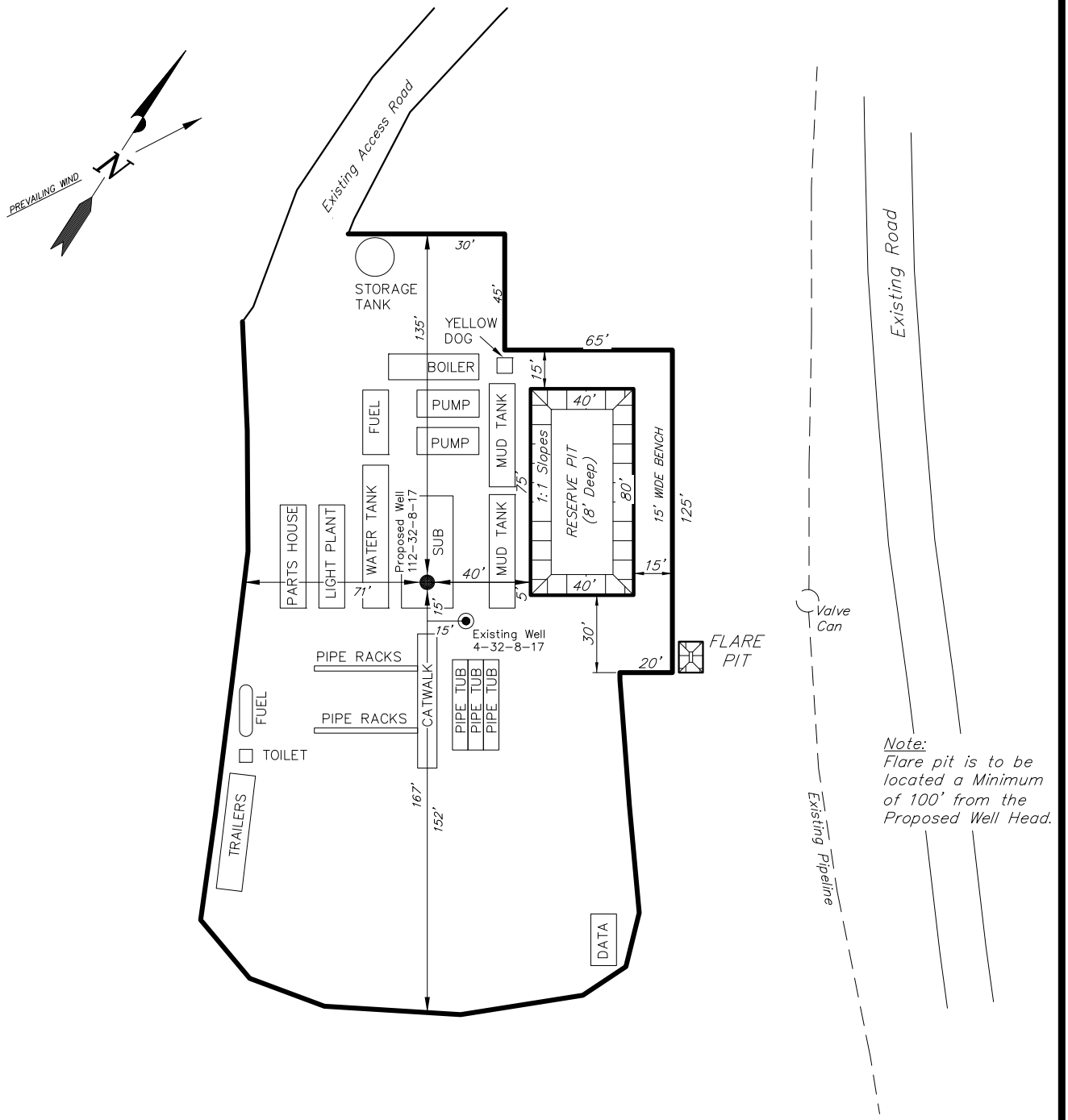
RECEIVED: January 29, 2014

API Well Number: 43013527510000

NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT
EXISTING 4-32-8-17 PAD
PROPOSED WELL: 112-32-8-17

Pad Location: NWNW (MC 5319) Section 32, T8S, R17E, S.L.B.&M.



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

SURVEYED BY: S.H.	DATE SURVEYED: 07-25-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 08-02-13	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: F.T.M. 01-27-14		

RECEIVED: January 29, 2014

API Well Number: 43013527510000

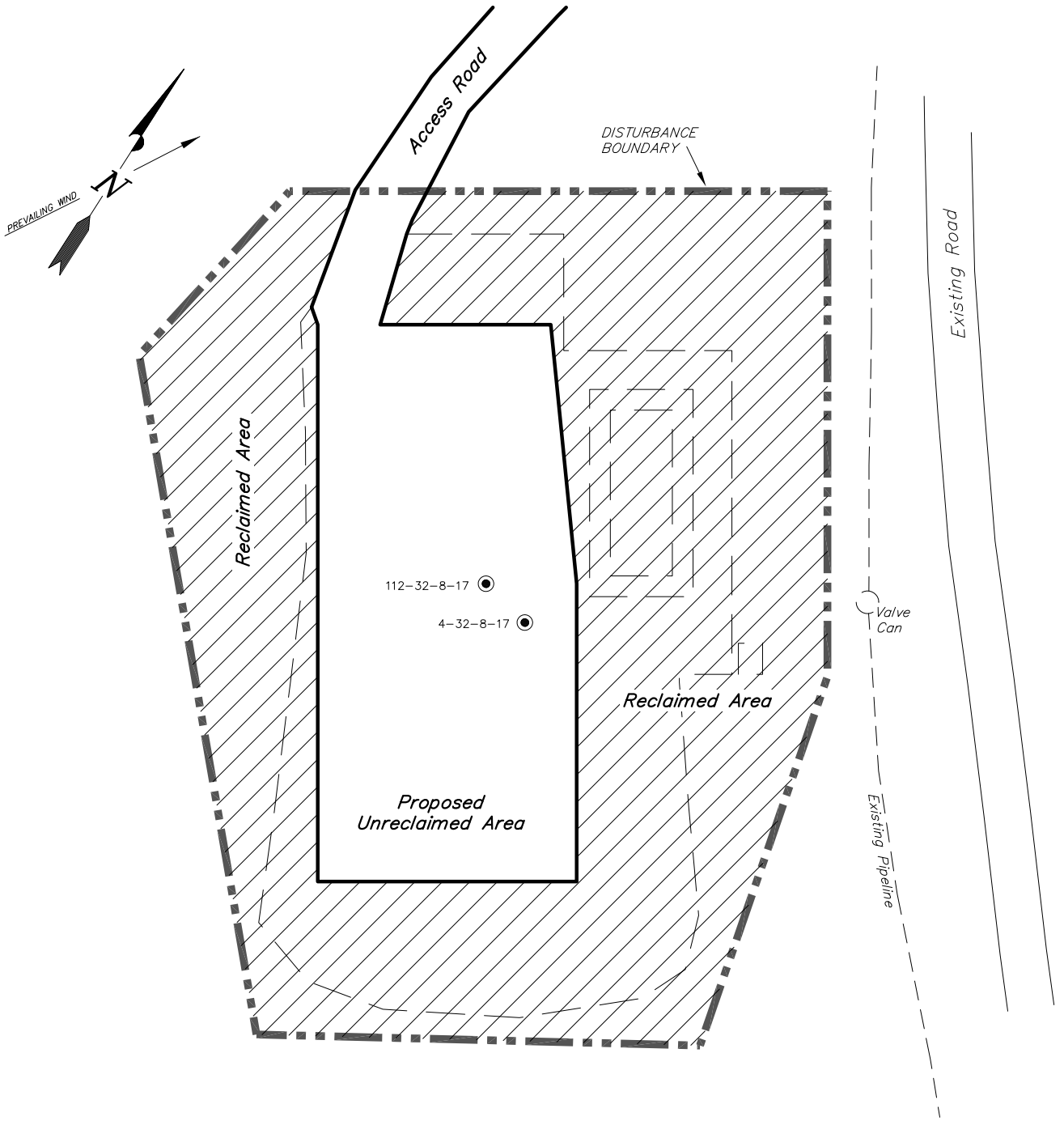
NEWFIELD EXPLORATION COMPANY

RECLAMATION LAYOUT

EXISTING 4-32-8-17 PAD

PROPOSED WELL: 112-32-8-17

Pad Location: NWNW (MC 5319) Section 32, T8S, R17E, S.L.B.&M.



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 = ±1.74 ACRES
TOTAL RECLAIMED AREA = ±1.23 ACRES
UNRECLAIMED AREA = ±0.51 ACRES

SURVEYED BY: S.H.	DATE SURVEYED: 07-25-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 08-02-13	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: F.T.M. 01-27-14		

RECEIVED: January 29, 2014

API Well Number: 43013527510000

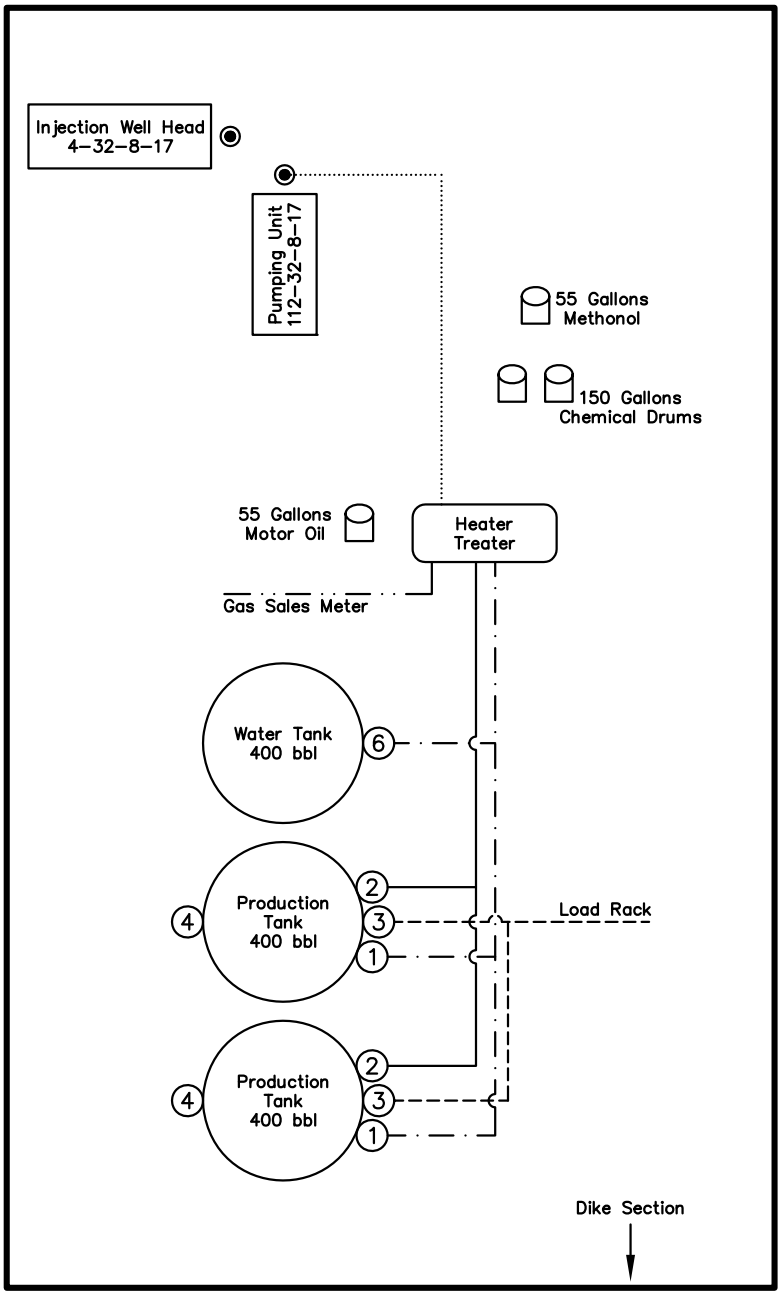
NEWFIELD EXPLORATION COMPANY

PROPOSED SITE FACILITY DIAGRAM

4-32-8-17 PAD

112-32-8-17 ML-22060

Pad Location: NWNW (MC 5319) Section 32, 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: S.H.	DATE SURVEYED: 07-25-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 08-02-13	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: NONE	REVISED: F.T.M. 01-27-14		

RECEIVED: January 29, 2014

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
440 West 200 South, Suite 500
Salt Lake City, UT 84101

IN REPLY REFER TO:
3160
(UT-922)

December 20, 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 Mason, 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)		
43-013-52750	GMBU 120-32-8-17	Sec 32 T08S R17E 1910 FNL 0538 FWL BHL Sec 32 T08S R17E 2539 FSL 0787 FWL
43-013-52751	GMBU 112-32-8-17	Sec 32 T08S R17E 0561 FNL 0504 FWL BHL Sec 32 T08S R17E 1413 FNL 0640 FWL
43-013-52752	GMBU 117-36-8-16	Sec 36 T08S R16E 1963 FNL 0654 FEL BHL Sec 36 T08S R16E 2442 FSL 0678 FEL
43-047-54228	GMBU D-6-9-18	Sec 31 T08S R18E 0535 FSL 0517 FWL BHL Sec 06 T09S R18E 0005 FNL 1453 FWL
43-047-54233	GMBU Q-4-9-18	Sec 04 T09S R18E 0722 FSL 0770 FWL BHL Sec 04 T09S R18E 1654 FSL 1228 FWL
43-047-54234	GMBU T-5-9-18	Sec 04 T09S R18E 0706 FSL 0756 FWL BHL Sec 05 T09S R18E 1550 FSL 0190 FEL
43-047-54235	GMBU P-29-8-18	Sec 30 T08S R18E 0881 FSL 0617 FEL BHL Sec 29 T08S R18E 1460 FSL 0188 FWL
43-047-54236	GMBU C-30-8-18	Sec 19 T08S R18E 0641 FSL 1961 FWL BHL Sec 30 T08S R18E 0089 FNL 2509 FEL
43-047-54237	GMBU D-30-8-18	Sec 19 T08S R18E 0626 FSL 1946 FWL BHL Sec 30 T08S R18E 0101 FNL 1178 FWL

RECEIVED: December 20, 2013

API #	WELL NAME	LOCATION
Proposed PZ GREEN RIVER)		
43-047-54239	GMBU E-32-8-18	Sec 30 T08S R18E 0866 FSL 0631 FEL
		BHL Sec 32 T08S R18E 0176 FNL 0206 FWL
43-047-54240	GMBU X-28-8-18	Sec 33 T08S R18E 0455 FNL 1593 FWL
		BHL Sec 28 T08S R18E 0172 FSL 1236 FWL
43-047-54242	GMBU L-33-8-18	Sec 33 T08S R18E 1952 FNL 0748 FEL
		BHL Sec 33 T08S R18E 2504 FSL 1501 FEL

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

Michael Coulthard

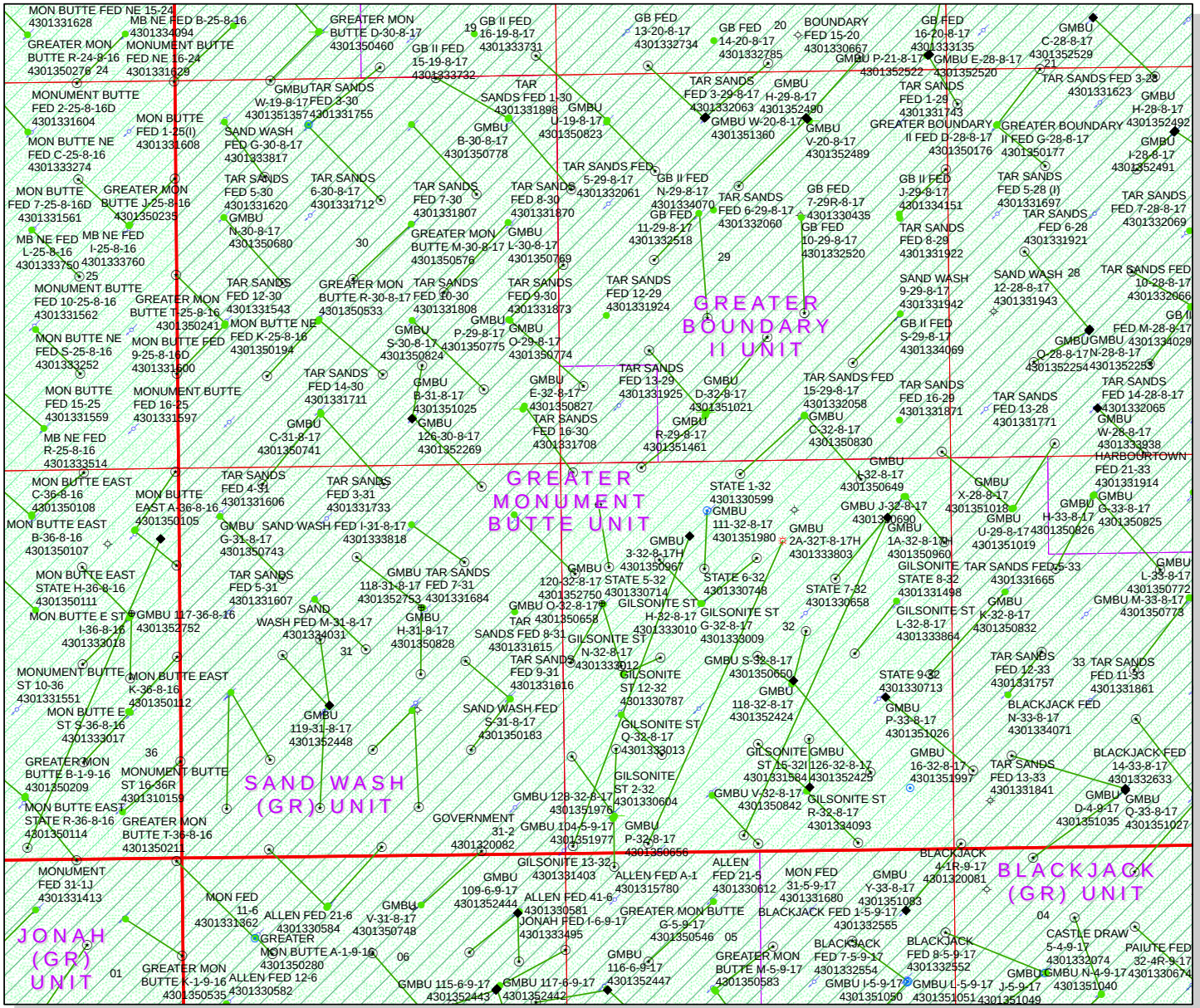
Digitally signed by Michael Coulthard
DN: cn=Michael Coulthard, o=Bureau of Land Management, ou=Division of Minerals, email=mcoultha@blm.gov, c=US
Date: 2013.12.20 14:44:18 -07'00'

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

MCoulthard:mc:12-20-13

RECEIVED: December 20, 2013

API Well Number: 43013527510000



API Number: 4301352751

Well Name: GMBU 112-32-8-17

Township: T08.0S Range: R17.0E Section: 32 Meridian: S

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared: 12/27/2013
Map Produced by Diana Mason

Wells Query

Status

- APD - Aproved Permit
- DRL - Spuded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well

Units

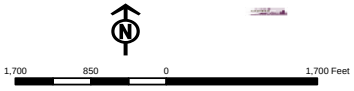
STATUS

- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields

STATUS

- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED



1:16,807

RECEIVED: December 27, 2013

NEWFIELD

VIA ELECTRONIC DELIVERY

January 3, 2014

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

Newfield Exploration Company
1001 17th Street | Suite 2000
Denver, Colorado 80202
PH 303-893-0102 | FAX 303-893-0103

RE: Directional Drilling
GMBU 112-32-8-17
Greater Monument Butte (Green River) Unit

Surface Hole: T8S-R17E Section 32: NWNW (ML-22080)
561' FNL 504' FWL

At Target: T8S-R17E Section 32: Lot 3 (SWNW) (ML-22080)
1413' FNL 640' FWL

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 12/20/13, 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

Leslie Burget

Leslie Burget
Land Associate

API Well Number: 43013527510000

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 112-32-8-17	
2. TYPE OF WORK: DRILL NEW WELL (●) REENTER P&A WELL ( ) DEEPEN WELL ( )	3. FIELD OR WILDCAT: MONUMENT BUTTE
4. TYPE OF WELL: Oil Well Coalbed Methane Well: NO	5. UNIT or COMMUNITIZATION AGREEMENT NAME: GMBU (GRRV)
6. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	7. OPERATOR PHONE: 435 646-4825
8. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT 84052	9. OPERATOR E-MAIL: mcrozier@newfield.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE): ML-22060	11. MINERAL OWNERSHIP: FEDERAL ( ) INDIAN ( ) STATE (●) FEE ( )
12. SURFACE OWNERSHIP: FEDERAL ( ) INDIAN ( ) STATE (●) FEE ( )	
13. NAME OF SURFACE OWNER (if box 12 = 'fee')	14. SURFACE OWNER PHONE (if box 12 = 'fee')
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')	16. SURFACE OWNER E-MAIL (if box 12 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')	18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS: YES ( ) (Submit Commingling Application) NO (●)
19. SLANT: VERTICAL ( ) DIRECTIONAL (●) HORIZONTAL ( )	

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	561FNL504FWL	NWNW	32	8.0S	17 0E	S
Top of Uppermost Producing Zone	1041FNL588FWL	NWNW	32	8 0S	17 0E	S
At Total Depth	1413FNL640FWL	SWNW	32	8 0S	17 0E	S

21. COUNTY: DUCHESNE	22. DISTANCE TO NEAREST LEASE LINE (Feet): 640	23. NUMBER OF ACRES IN DRILLING UNIT: 10
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed): 605	26. PROPOSED DEPTH: MD 6206 TVD 6137
27. ELEVATION - GROUND LEVEL: 5233	28. BOND NUMBER: B001834	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE: 437478

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	12 25	8 625	0 - 300	24 0	J-55 ST&C	8 3	Class G	138	1 17	15 8
Prod	7 875	5 5	0 - 6206	15 5	J-55 LT&C	8 3	Premium Lite High Strength	291	3 26	11 0
							50/50 Poz	363	1 24	14 3

ATTACHMENTS

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

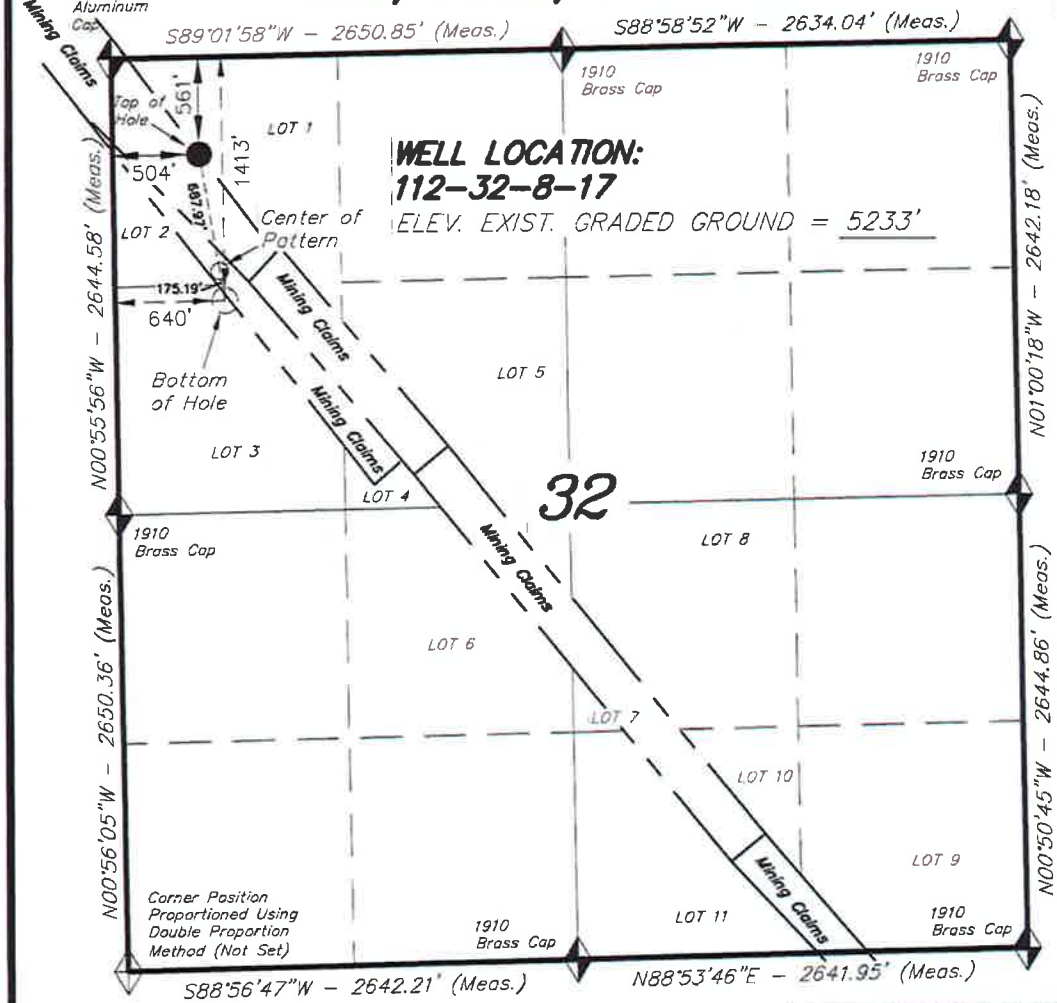
☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	☑ COMPLETE DRILLING PLAN
☐ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
☑ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	☑ TOPOGRAPHICAL MAP

NAME Mandie Crozier	TITLE Regulatory Tech	PHONE 435 646-4825
SIGNATURE	DATE 12/20/2013	EMAIL mcrozier@newfield.com
API NUMBER ASSIGNED	APPROVAL	

Received: December 20, 2013

API Well Number: 43013527510000

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



NEWFIELD EXPLORATION COMPANY

WELL LOCATION, 112-32-8-17, LOCATED AS SHOWN IN THE NW 1/4 NW 1/4 (MC 5319) OF SECTION 32, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

TARGET BOTTOM HOLE, 112-32-8-17, LOCATED AS SHOWN IN THE SW 1/4 NW 1/4 (LOT 3) OF SECTION 32, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

1000' 500' 0' 1000'

BAR SCALE

N

NOTES:

1. *Well footages are measured at right angles to the Section Lines.*
2. *Bearings are based on Global Positioning Satellite observations.*
3. *The Bottom of Hole bears S09°58'44"E 863.16' from the Top of Hole.*
4. *The Center of Pattern footages are 1240' FNL & 612' FWL.*

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

REGISTERED LAND SURVEYOR No.189377 09-02-13 STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No.
STATE OF UTAH

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'

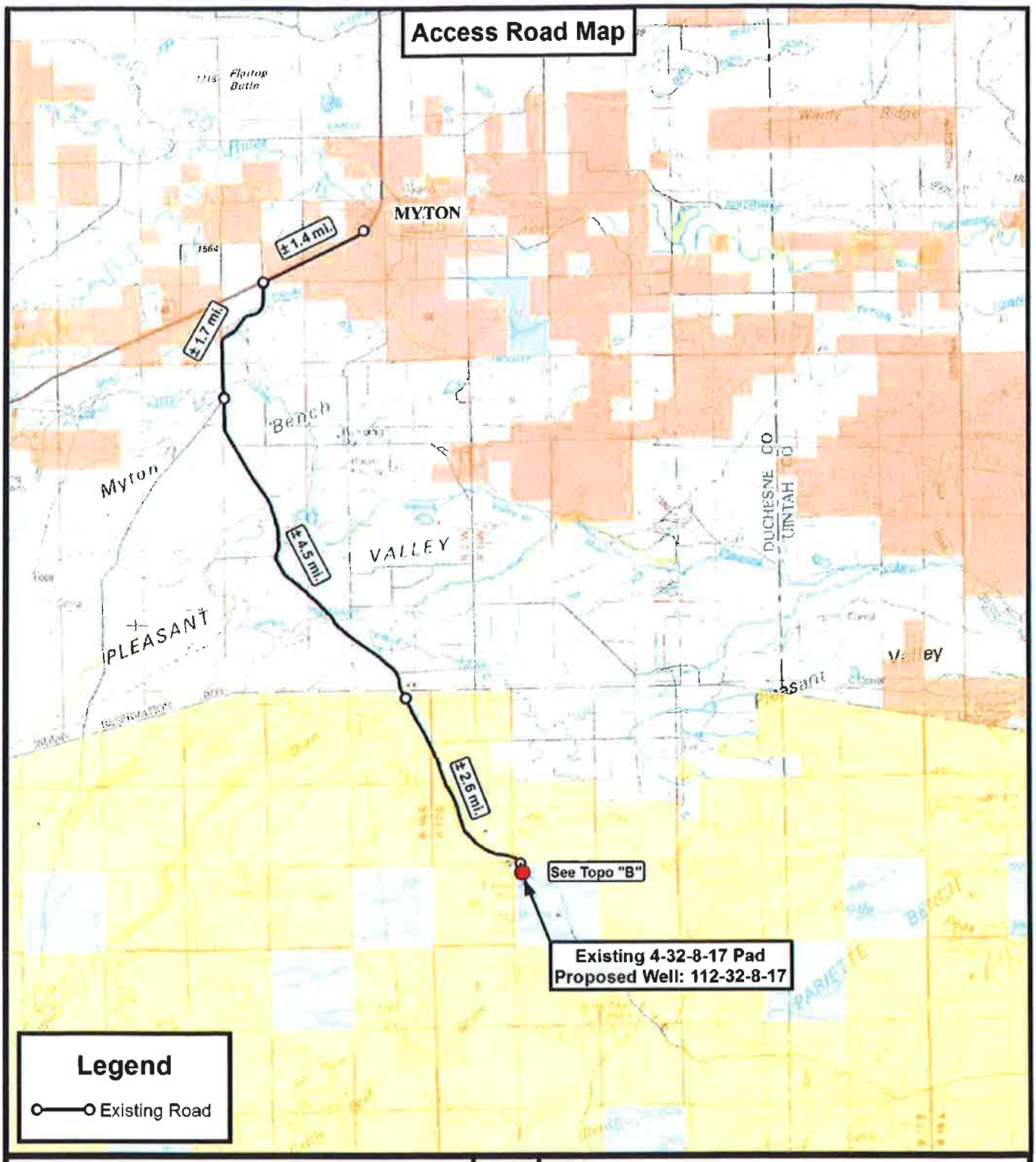
NAD 83 (CENTER OF PATTERN)	NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 40°04'41.75" LONGITUDE = 110°02'15.61"	LATITUDE = 40°04'40.04" LONGITUDE = 110°02'15.25"
NAD 27 (CENTER OF PATTERN)	**NAD 27 (BOTTOM HOLE LOCATION)**
LATITUDE = 40°04'41.88" LONGITUDE = 110°02'13.07"	LATITUDE = 40°04'40.18" LONGITUDE = 110°02'12.71"

NAD 83 (SURFACE LOCATION)
LATITUDE = 40°04'48.46" LONGITUDE = 110°02'17.00"
NAD 27 (SURFACE LOCATION)
LATITUDE = 40°04'48.60" LONGITUDE = 110°02'14.46"

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

DATE SURVEYED: 07-25-13	SURVEYED BY: S.H.	VERSION:
DATE DRAWN: 09-02-13	DRAWN BY: F.T.M.	V2
REVISED:	SCALE: 1" = 1000'	

API Well Number: 43013527510000



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

N

NEWFIELD EXPLORATION COMPANY

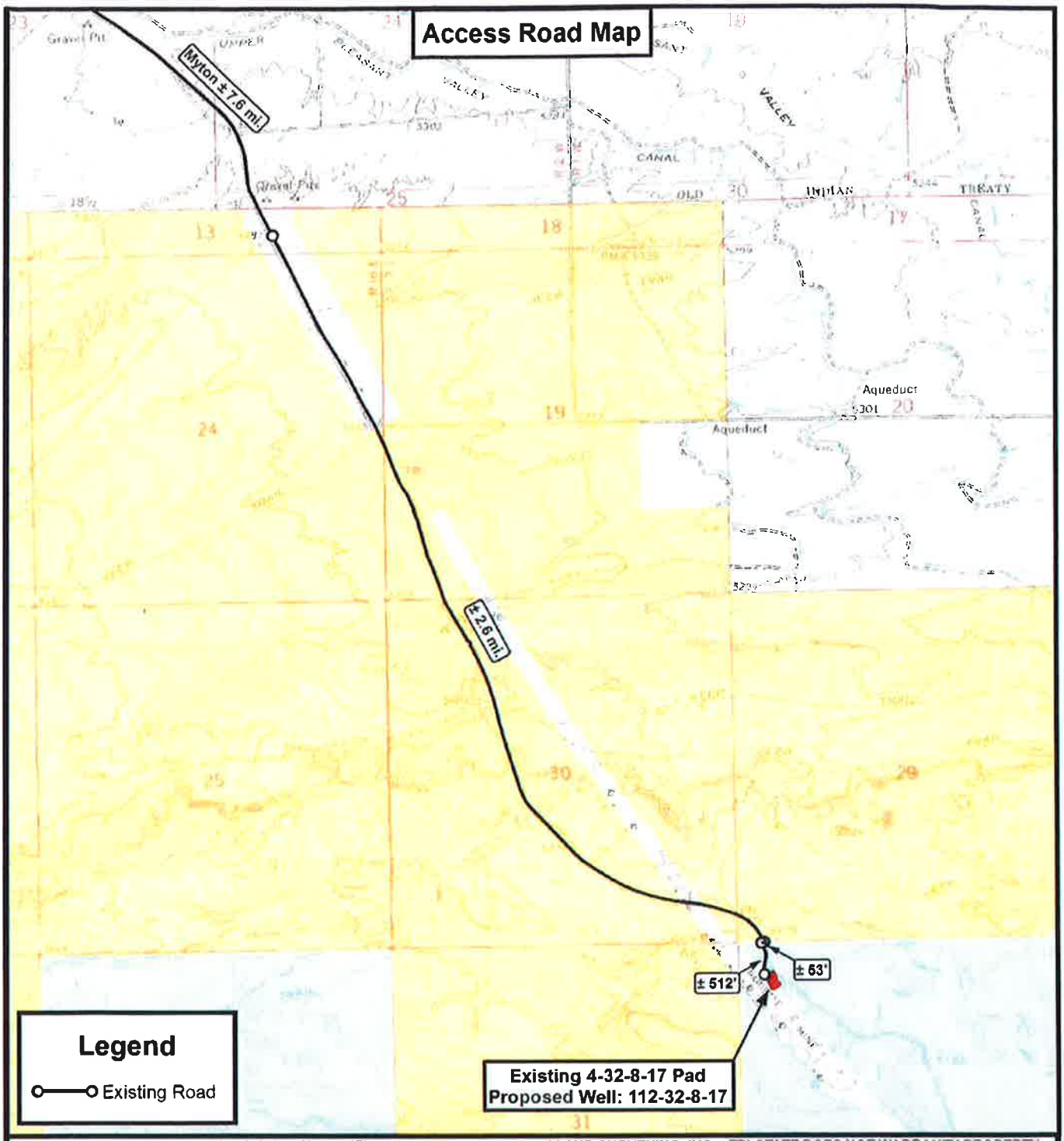
Existing 4-32-8-17 Pad
Proposed Well: 112-32-8-17
Sec. 32, T8S, R17E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C	REVISED:	VERSION:
DATE:	09-02-2013		V2
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET A

API Well Number: 43013527510000



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

N

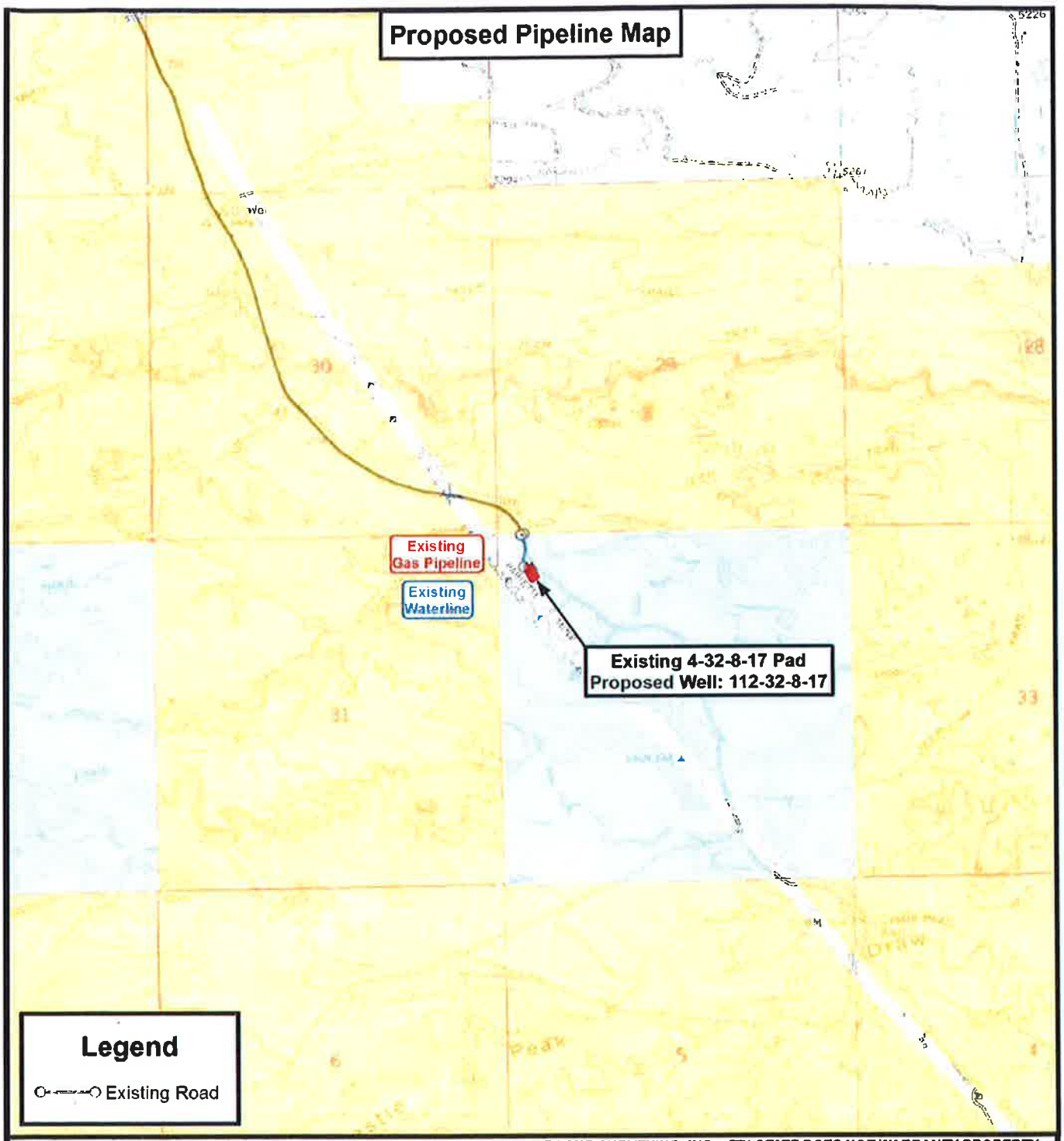
NEWFIELD EXPLORATION COMPANY

Existing 4-32-8-17 Pad
Proposed Well: 112-32-8-17
Sec. 32, T8S, R17E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED: 09-02-13 A.P.C	VERSION:
DATE:	08-13-2013		V2
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET B



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

N

NEWFIELD EXPLORATION COMPANY

Existing 4-32-8-17 Pad
Proposed Well: 112-32-8-17
Sec. 32, T8S, R17E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED: 09-02-13 A.P.C.	VERSION:
DATE:	08-13-2013		V2
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET C

API Well Number: 43013527510000

BOPE REVIEW NEWFIELD PRODUCTION COMPANY GMBU 112-32-8-17 43013527510000

Well Name	NEWFIELD PRODUCTION COMPANY GMBU 112-32-8-17 430135275			
String	SURF	PROD		
Casing Size(")	8.625	5.500		
Setting Depth (TVD)	300	6137		
Previous Shoe Setting Depth (TVD)	0	300		
Max Mud Weight (ppg)	8.3	8.3		
BOPE Proposed (psi)	500	2000		
Casing Internal Yield (psi)	2950	4810		
Operators Max Anticipated Pressure (psi)	2668	8.4		

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

Calculations	**PROD String**	**5.500**	"	
Max BHP (psi)	.052*Setting Depth*MW=	2649		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	1913	YES	2M BOP w/dbl rams, closing unit
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1299	YES	Ok
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1365	NO	OK
Required Casing/BOPE Test Pressure=		2000	psi	
***Max Pressure Allowed @ Previous Casing Shoe=**		300	psi	*Assumes 1psi/ft frac gradient

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

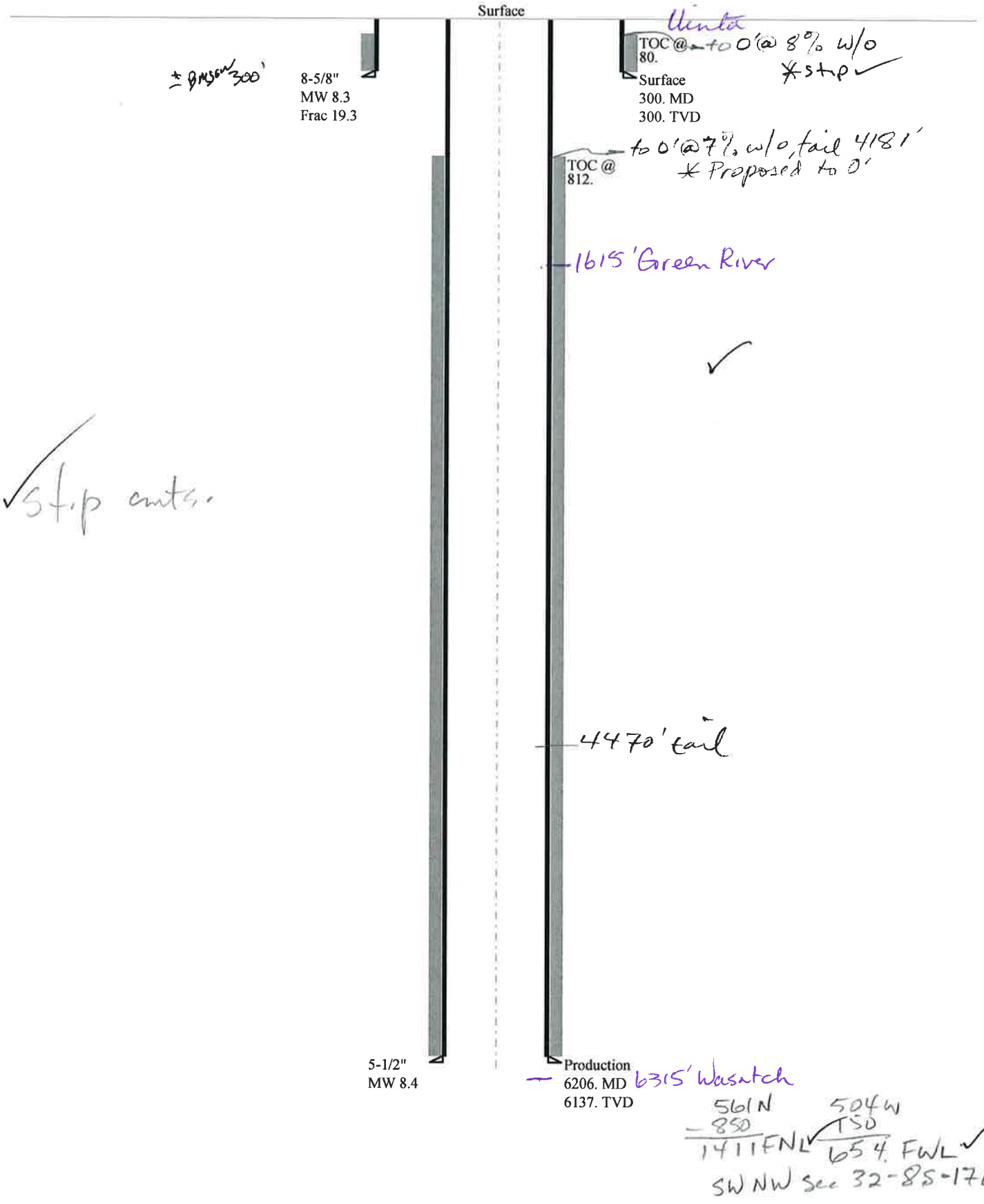
Calculations	**String**		"	
Max BHP (psi)	.052*Setting Depth*MW=			
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO	
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure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

RECEIVED: January 30, 2014

API Well Number: 43013527510000

43013527510000 GMBU 112-32-8-17

Casing Schematic



561 N
-850
1411 FNL

504 W
TSD
654 FWL

SW NW Sec 32-8S-17E

Well name:	**43013527510000 GMBU 112-32-8-17**
Operator:	**NEWFIELD PRODUCTION COMPANY**
String type:	Surface
Project ID:	43-013-52751
Location:	DUCHESNE COUNTY

Design parameters:

Collapse
Mud weight: 8.300 ppg
Design is based on evacuated pipe.

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

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

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

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

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

Cement top: 80 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 6,135 ft
Next mud weight: 8.400 ppg
Next setting BHP: 2,677 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 300 ft
Injection pressure: 300 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	300	8.625	24.00	J-55	ST&C	300	300	7.972	1543

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	129	1370	10.598	300	2950	9.83	6.3	244	38.74 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: January 30,2014
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 300 ft, a mud weight of 8.3 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**43013527510000 GMBU 112-32-8-17**
Operator:	**NEWFIELD PRODUCTION COMPANY**
String type:	Production
Project ID:	43-013-52751
Location:	DUCHESNE COUNTY

Design parameters:

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

Burst
Max anticipated surface pressure: 1,328 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 2,678 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

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

Tension is based on buoyed weight.
Neutral point: 5,416 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 160 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 812 ft

Directional Info - Build & Hold
Kick-off point 600 ft
Departure at shoe: 863 ft
Maximum dogleg: 1.5 °/100ft
Inclination at shoe: 9.38 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	6206	5.5	15.50	J-55	ST&C	6137	6206	4.825	20644

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	2678	4040	1.509	2678	4810	1.80	83	202	2.43 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: January 30,2014
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 6137 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

API well Number: 43013527510000

Diana Mason <dianawhitney@utah.gov>

Newfield Approval

Jeff Conley <jconley@utah.gov> Wed, Feb 5, 2014 at 11:50 AM
To: Diana Mason <dianawhitney@utah.gov>, mcrozier@newfield.com, Bradley Hill <bradhill@utah.gov>
Cc: Jim Davis <jimdavis1@utah.gov>, Lavonne Garrison <lavonnegarrison@utah.gov>

Hello,

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

(4301352750) GMBU 120-32-8-17
(4301352751) GMBU 112-32-8-17
(4301352752) GMBU 117-36-8-16

Thank you,

Jeff Conley
SITLA Resource Specialist
jconley@utah.gov
801-538-5157

RECEIVED: February 05, 2014

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

Operator NEWFIELD PRODUCTION COMPANY
Well Name GMBU 112-32-8-17
API Number 43013527510000 **APD No** 9232 **Field/Unit** MONUMENT BUTTE
Location: 1/4,1/4 NWNW **Sec** 32 **Tw** 8.0S **Rng** 17.0E 561 FNL 504 FWL
GPS Coord (UTM) 582016 4437094 **Surface Owner**

Participants

Corie Miller - NFX

Regional/Local Setting & Topography

New well hole on an exisiting pad.
Host well is the 4-32-8-17

This particular pad is in poor condition and has seen complete flooding and/ or erosion of features with nearly every storm event. Operator (NFX) has needed to reconstruct / repair pad several times in the last two years. Large culverts have been placed to conduct flows across sand pass road east as this is a major drainage for the area. This pad will need to be constructed differently now that it hosts a producing oil well again. Currently, the host well is being utilized as an injection well for flooding and the pad does not see large vehicle traffic. One of the problem routes natural flows take, cross the area where the operator plans to construct a reserve pit and where topsoil stockpiles are being stored. Top soil stock pile is currently being used (somewhat) as a drainage diversion. Corie and I agree that the location is currently poorly planned and the site will need better provisions for the 3 drainages that impact this site.
The location is adjacent the paved sand wash road in the Monument Butte area as you come off of the South Myton Bench. This area is quite hilly and heavily eroded. The landscape opens up into a large " flats" immediately south. The soils are light colored clays capped by a sandstone layer. Drianages here enter the Castle Peak draw and Parriette Wash, tributaries to the Green River system

Surface Use Plan

Current Surface Use
Existing Well Pad

New Road Miles	Well Pad	Src Const Material	Surface Formation
0	**Width** 150 **Length** 300	Onsite	UNTA

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N
but in a natural drainage pattern

Flora / Fauna

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Existing pad.
Previously disturbed soils are not habitat for native vegetation or wildlife

Soil Type and Characteristics
imported disturbed soils

Erosion Issues Y
location experiences frequent problems with erosion and flooding

Sedimentation Issues Y
highly erodible soils up gradient

Site Stability Issues N

Drainage Diverson Required? Y
three drainages will need to be diverted

Berm Required? Y
berm to prevent fluids from entering or leaving location

Erosion Sedimentation Control Required? Y
well thought out and planned controll required

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

Reserve Pit

Site-Specific Factors		Site Ranking	
Distance to Groundwater (feet)	75 to 100	10	
Distance to Surface Water (feet)		20	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)		20	
Native Soil Type	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)		0	
Affected Populations			
Presence Nearby Utility Conduits	Present	15	
	Final Score	80	1 Sensitivity Level

Characteristics / Requirements
A reseve pit of 40 feet by 80 feet is planned. The reserve pit is planned in an area that is typically flooded throughout the year from persitant natural drainage patterns. Pit to be lined and bermed to protect from ersoion and natural flows.

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

Other Observations / Comments

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This site is one the problem sites that is continually in disrepair. The flows coming off the hill are rather large in volume despite being ephemeral. The nearby natural drainage is so large that culverts are placed in 3 locations along side this pad and nearby to conducted the volume of water across the sand pass road. 2 of these culverts are very large. 4 feet in diameter as I recall. The last spill here was caused because the surface gave way and sunk the tires of a truck, breaking a steel injection line; washing most of the topsoil away across the road and into a live(at the time) stream. The path the drainage prefers to take (it blows out the diversion berm) is across the area they are planning for a reserve pit and topsoil stock pile (again). Corie and I agree the current diversion is ineffective and needs some planning and pad needs considerable work. The location is tight because of roads and drainage.

Chris Jensen	1/8/2014
Evaluator	**Date / Time**

RECEIVED: February 05, 2014

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
9232	43013527510000	LOCKED	OW	S	No
Operator	NEWFIELD PRODUCTION COMPANY		**Surface Owner-APD**		
Well Name	GMBU 112-32-8-17		**Unit**	GMBU (GRRV)	
Field	MONUMENT BUTTE		**Type of Work**	DRILL	
Location	NWNW 32 8S 17E S 561 FNL 504 FWL GPS Coord (UTM) 582023E 4437095N				

Geologic Statement of Basis

Newfield proposes to set 300' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 300'. A search of Division of Water Rights records shows one water well within a 10,000 foot radius of the center of section 32. No depth is listed for this well. The well is owned by the BLM and its listed use is for stock watering. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement should adequately protect useable sources of underground water.

Brad Hill	1/28/2014
APD Evaluator	**Date / Time**

Surface Statement of Basis

Location is proposed in a poor location although existing site. Access road enters the pad from the North.
The soil type and topography at present do combine to pose a significant threat to erosion or sediment/ pollution transport in these regional climate conditions.
Usual construction standards of the Operator do not appear to be adequate for the proposed purpose as submitted. Plans lack measures to re route the drainage flows.
Operator has not submitted plans for the protection of top soils.
I quickly recognize no special flora or animal species or cultural resources on site that the proposed action may harm. A large drainage often with live water can be found adjacent the site to the East. The location was not previously surveyed for cultural and paleontological resources (as the operator saw fit). I have advised the operator take all measures necessary to comply with ESA and MBTA and that actions insure no disturbance to species that may have not been seen during onsite visit.
The location should be bermed to prevent fluids from entering or leaving the confines of the pad. Fencing around the reserve pit will be necessary to prevent wildlife and livestock from entering. A synthetic liner of 16 mils (minimum) should be utilized in the reserve pit. Measures (BMP's) shall be taken to protect steep slopes and topsoil pile from erosion, sedimentation and stability issues. A diversion is to be built sufficient to conduct overland or channel flow from natural channels west of the pad around the corners to reintroduce flows back into the natural channel offsite. Care to be taken that diversion of water does not impact or erode topsoil pile near corner 6 or topsoils will need to be stored elsewhere onsite.

RECEIVED: February 05, 2014

Chris Jensen	1/8/2014
Onsite Evaluator	**Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from entering or leaving the pad.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location. New routes to be better planned and constructed.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

RECEIVED: February 05, 2014

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/20/2013 **API NO. ASSIGNED:** 43013527510000
WELL NAME: GMBU 112-32-8-17
OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695) **PHONE NUMBER:** 435 646-4825
CONTACT: Mandie Crozier

PROPOSED LOCATION: NWNW 32 080S 170E **Permit Tech Review:** ☑

SURFACE: 0561 FNL 0504 FWL **Engineering Review:** ☑

BOTTOM: 1413 FNL 0640 FWL **Geology Review:** ☑

COUNTY: DUCHESNE
LATITUDE: 40.08013 **LONGITUDE:** -110.03797
UTM SURF EASTINGS: 582023.00 **NORTHINGS:** 4437095.00
FIELD NAME: MONUMENT BUTTE
LEASE TYPE: 3 - State
LEASE NUMBER: ML-22060 **PROPOSED PRODUCING FORMATION(S):** GREEN RIVER
SURFACE OWNER: 3 - State **COALBED METHANE:** NO

RECEIVED AND/OR REVIEWED:

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

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit: GMBU (GRRV)

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

Board Cause No: Cause 213-11
Effective Date: 11/30/2009
Siting: Suspends General Siting

- ☑ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
5 - Statement of Basis - bhill
12 - Cement Volume (3) - hmacdonald
15 - Directional - dmason
25 - Surface Casing - hmacdonald
27 - Other - bhill

RECEIVED: February 05, 2014

GARY R. HERBERT
Governor
SPENCER J. COX
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 112-32-8-17
API Well Number: 43013527510000
Lease Number: ML-22060
Surface Owner: STATE
Approval Date: 2/5/2014

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

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

Duration:
This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

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

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

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

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

Cement volume for the 5 1/2 production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to surface as indicated in the submitted drilling plan.

Surface casing shall be cemented to the surface.

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

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

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

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

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

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

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

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

Approved By:

Approved By:

For John Rogers
Associate Director, Oil & Gas

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-22060

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 112-32-8-17

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013527510000

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

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0561 FNL 0504 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 32 Township: 08.0S Range: 17.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 2/5/2015	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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
Utah Division of
Oil, Gas and Mining
January 13, 2015

Date: _____

By: _____

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Tech
SIGNATURE N/A		**DATE** 1/12/2015

RECEIVED: Jan. 12, 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 43013527510000

API: 43013527510000
Well Name: GMBU 112-32-8-17
Location: 0561 FNL 0504 FWL QTR NWNW SEC 32 TWNP 080S RNG 170E MER S
Company Permit Issued to: NEWFIELD PRODUCTION COMPANY
Date Original Permit Issued: 2/5/2014

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:** 1/12/2015
Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

RECEIVED: Jan. 12, 2015

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-22060

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 112-32-8-17

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013527510000

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

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0561 FNL 0504 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 32 Township: 08.0S Range: 17.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 2/5/2016	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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 Utah Division of Oil, Gas and Mining
January 14, 2016
Date:
By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Tech
SIGNATURE N/A		**DATE** 1/13/2016

RECEIVED: Jan. 13, 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 43013527510000

API: 43013527510000
Well Name: GMBU 112-32-8-17
Location: 0561 FNL 0504 FWL QTR NWNW SEC 32 TWNP 080S RNG 170E MER S
Company Permit Issued to: NEWFIELD PRODUCTION COMPANY
Date Original Permit Issued: 2/5/2014

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Signature: Mandie Crozier **Date:** 1/13/2016
Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

RECEIVED: Jan. 13, 2016