API Well Number: 43013524910000

FORM 3

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

AMENDED REPORT ☑

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER
GMBU I-28-8-17

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)
UTU-76241

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

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

13. NAME OF SURFACE OWNER (if box 12 = 'fee')
NOLEN T. GILES FAMILY TRUST

14. SURFACE OWNER PHONE (if box 12 = 'fee')
435-848-5457

15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')
PO Box 416, TABIONA, UT 84072

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	874 FNL 2191 FEL	NWNE	28	8.0 S	17.0 E	S
Top of Uppermost Producing Zone	1246 FNL 1620 FEL	NWNE	28	8.0 S	17.0 E	S
At Total Depth	1553 FNL 1190 FEL	SENE	28	8.0 S	17.0 E	S

21. COUNTY
DUCHESNE

22. DISTANCE TO NEAREST LEASE LINE (Feet)
1390

23. NUMBER OF ACRES IN DRILLING UNIT
20

25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)
688

26. PROPOSED DEPTH
MD: 6448 TVD: 6317

27. ELEVATION - GROUND LEVEL
5225

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 - 6448	15.5	J-55 LT&C	8.3	Premium Lite High Strength	307	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** 09/29/2013	**EMAIL** mcrozier@newfield.com

API NUMBER ASSIGNED
43013524910000

APPROVAL

Permit Manager

RECEIVED: December 10, 2013

NEWFIELD PRODUCTION COMPANY
GMBU I-28-8-17
AT SURFACE: NW/NE SECTION 28, 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' –	4,110'
Green River		4,110'
Wasatch		6,565'
Proposed TD		6,448'(MD) 6,317' (TVD)

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

Green River Formation (Oil) 4,110' – 6,565'

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: September 29, 2013

4. *PROPOSED CASING PROGRAM*

a. Casing Design: GMBU I-28-8-17

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'	6,448'	15.5	J-55	LTC	4,810 2.34	4,040 1.97	217,000 2.17

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 I-28-8-17

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	4,448'	Prem Lite II w/ 10% gel + 3% KCl	307 1002	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: September 29, 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: September 29, 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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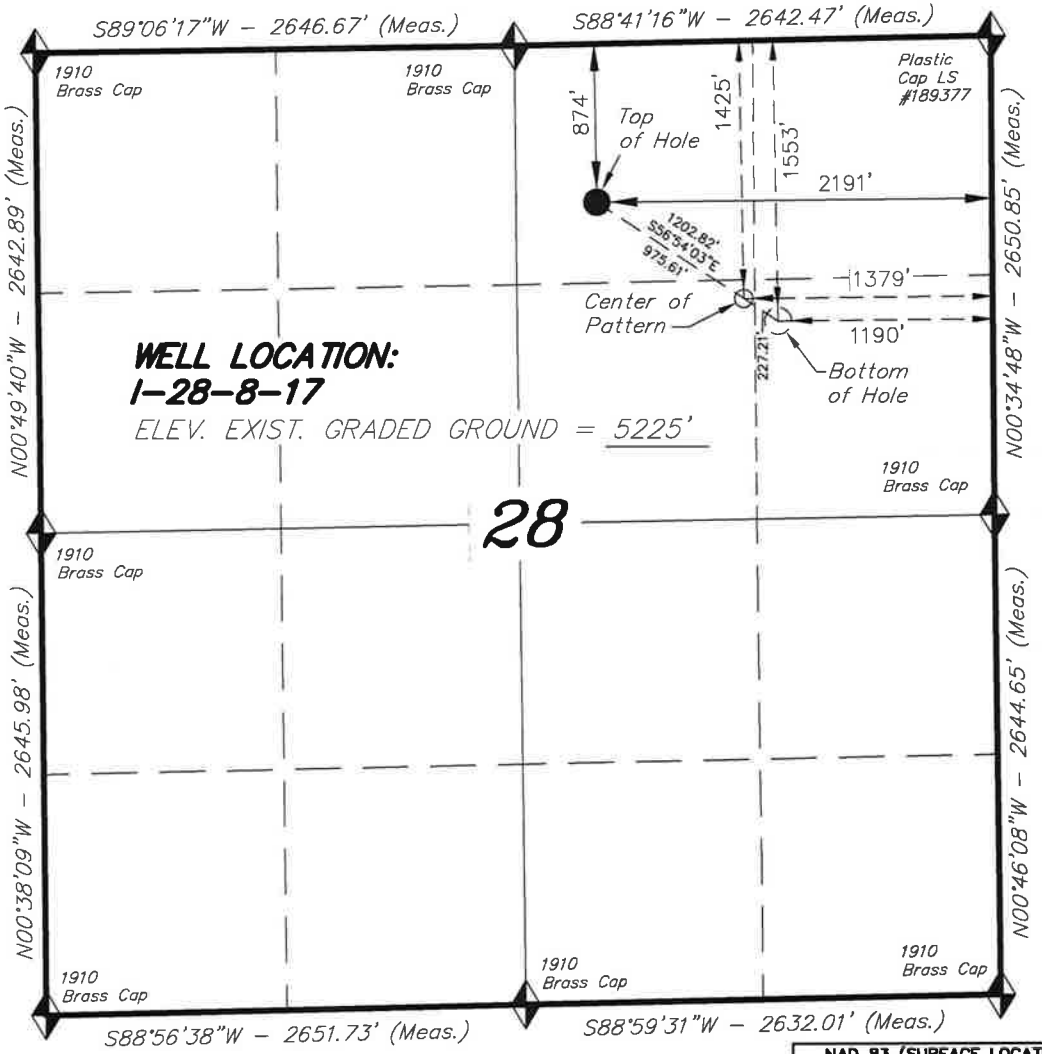
API Well Number: 43013524910000

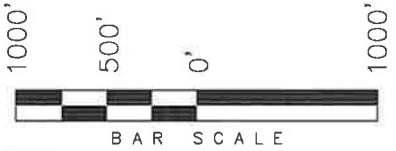
T8S, R17E, S.L.B.&M.



NEWFIELD EXPLORATION COMPANY

WELL LOCATION, I-28-8-17, LOCATED AS SHOWN IN THE NW 1/4 NE 1/4 OF SECTION 28, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

TARGET BOTTOM HOLE, I-28-8-17, LOCATED AS SHOWN IN THE SE 1/4 NE 1/4 OF SECTION 28, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

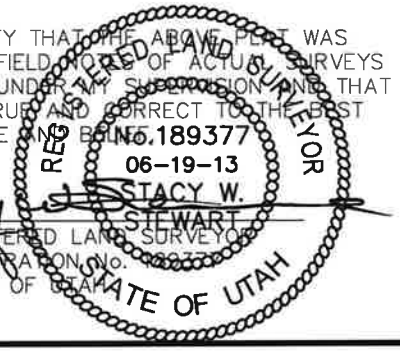


NOTES:

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
REGISTRATION No. 189377
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'

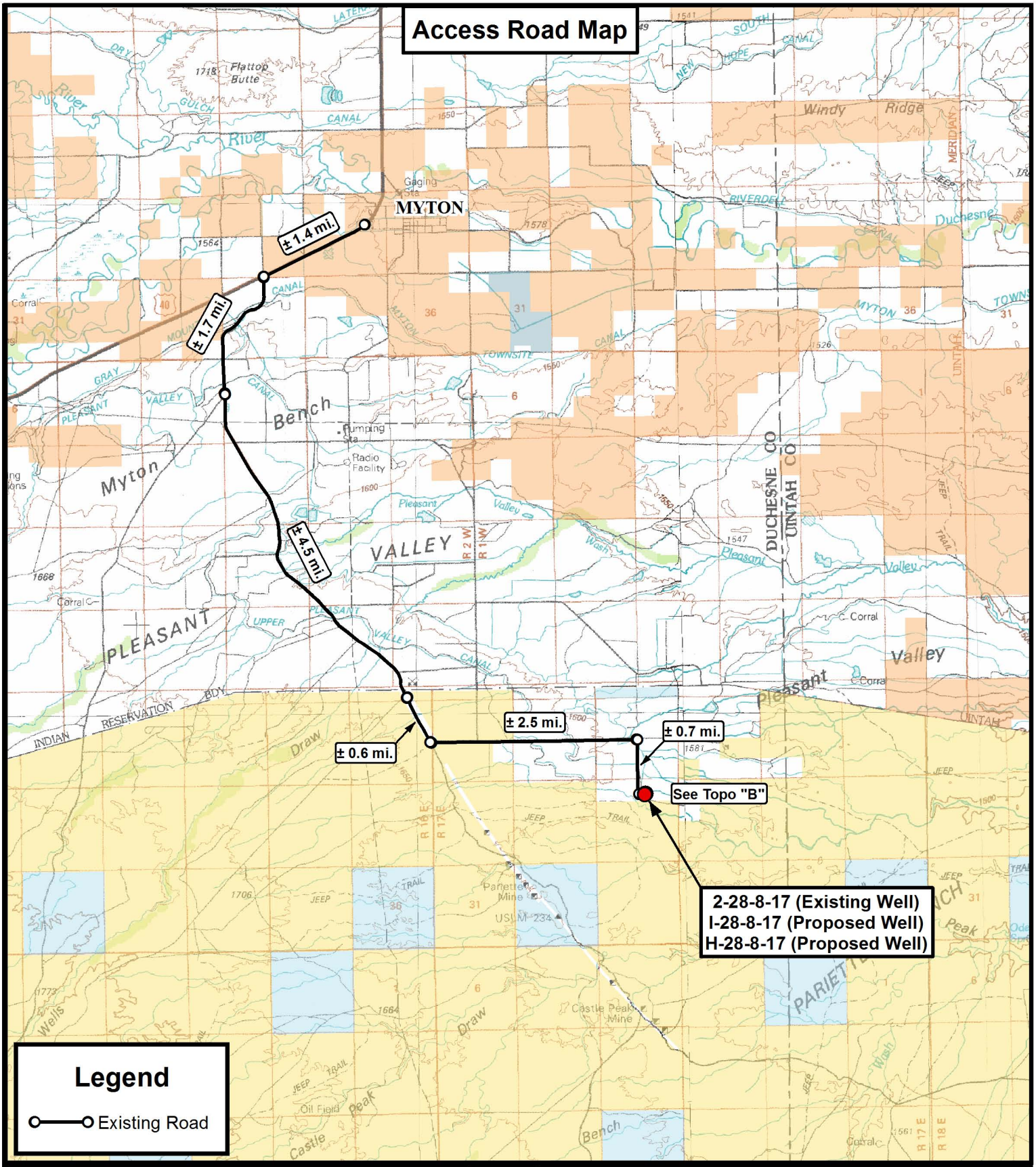
NAD 83 (SURFACE LOCATION)
LATITUDE = 40°05'37.67"
LONGITUDE = 110°00'35.47"
NAD 27 (SURFACE LOCATION)
LATITUDE = 40°05'37.80"
LONGITUDE = 110°00'32.93"

NAD 83 (CENTER OF PATTERN)	NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 40°05'32.27"	LATITUDE = 40°05'31.01"
LONGITUDE = 110°00'25.07"	LONGITUDE = 110°00'22.65"
NAD 27 (CENTER OF PATTERN)	**NAD 27 (BOTTOM HOLE LOCATION)**
LATITUDE = 40°05'32.41"	LATITUDE = 40°05'31.15"
LONGITUDE = 110°00'22.54"	LONGITUDE = 110°00'20.11"

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

DATE SURVEYED: 01-17-13	SURVEYED BY: S.H.	VERSION:
DATE DRAWN: 06-19-13	DRAWN BY: F.T.M.	V2
REVISED:	SCALE: 1" = 1000'	

API Well Number: 43013524910000



Tri State Land Surveying, Inc.
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P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

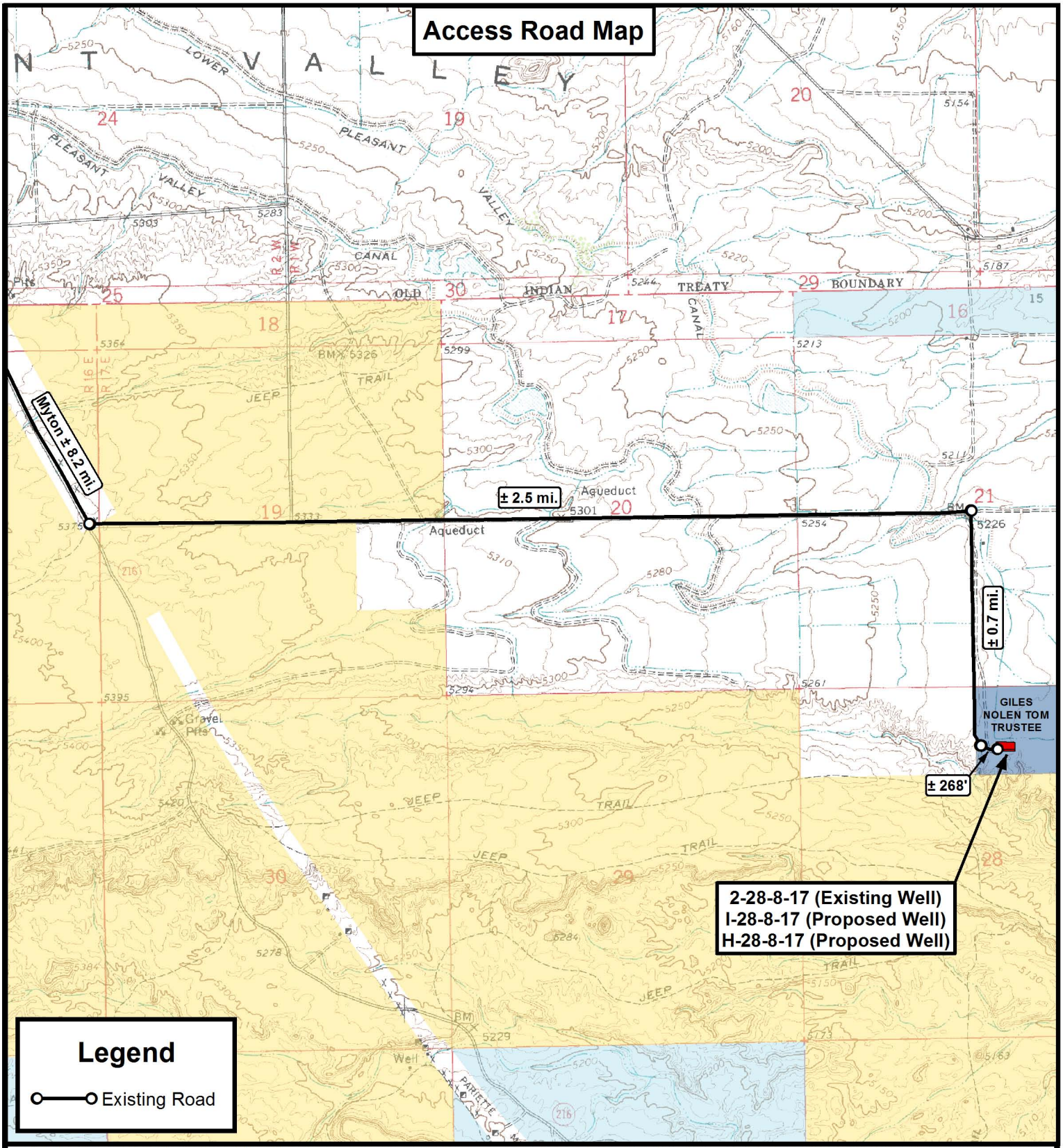
2-28-8-17 (Existing Well)
I-28-8-17 (Proposed Well)
H-28-8-17 (Proposed Well)
Sec. 28, T8S, R17E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	06-19-2013		V2
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET A

API Well Number: 43013524910000



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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N

NEWFIELD EXPLORATION COMPANY

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H-28-8-17 (Proposed Well)
Sec. 28, T8S, R17E, S.L.B.&M. Duchesne County, UT.

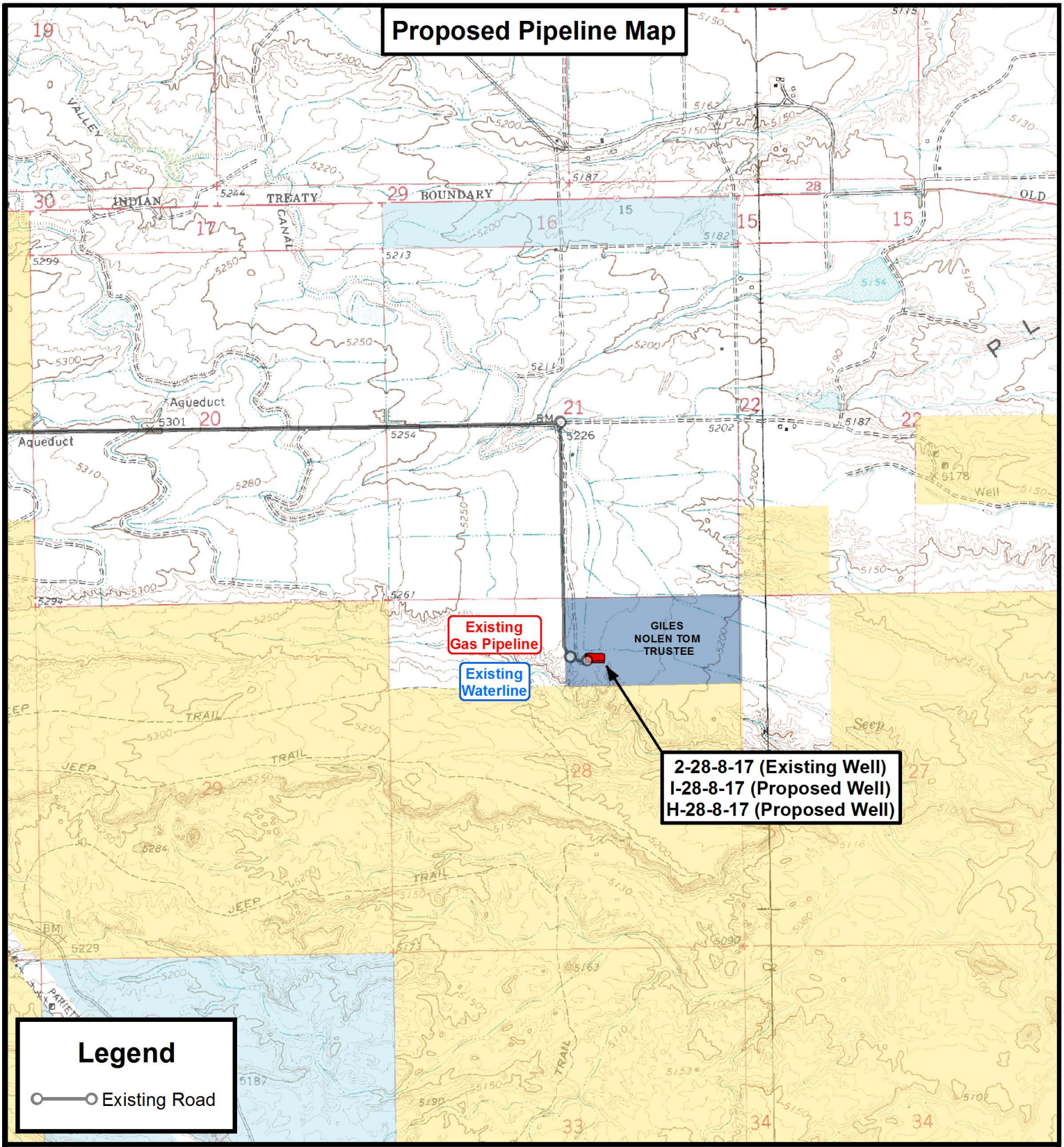
DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	06-19-2013		V2
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET B

API Well Number: 43013524910000

Proposed Pipeline Map



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NEWFIELD EXPLORATION COMPANY

2-28-8-17 (Existing Well)
I-28-8-17 (Proposed Well)
H-28-8-17 (Proposed Well)
Sec. 28, T8S, R17E, S.L.B.&M. Duchesne County, UT.

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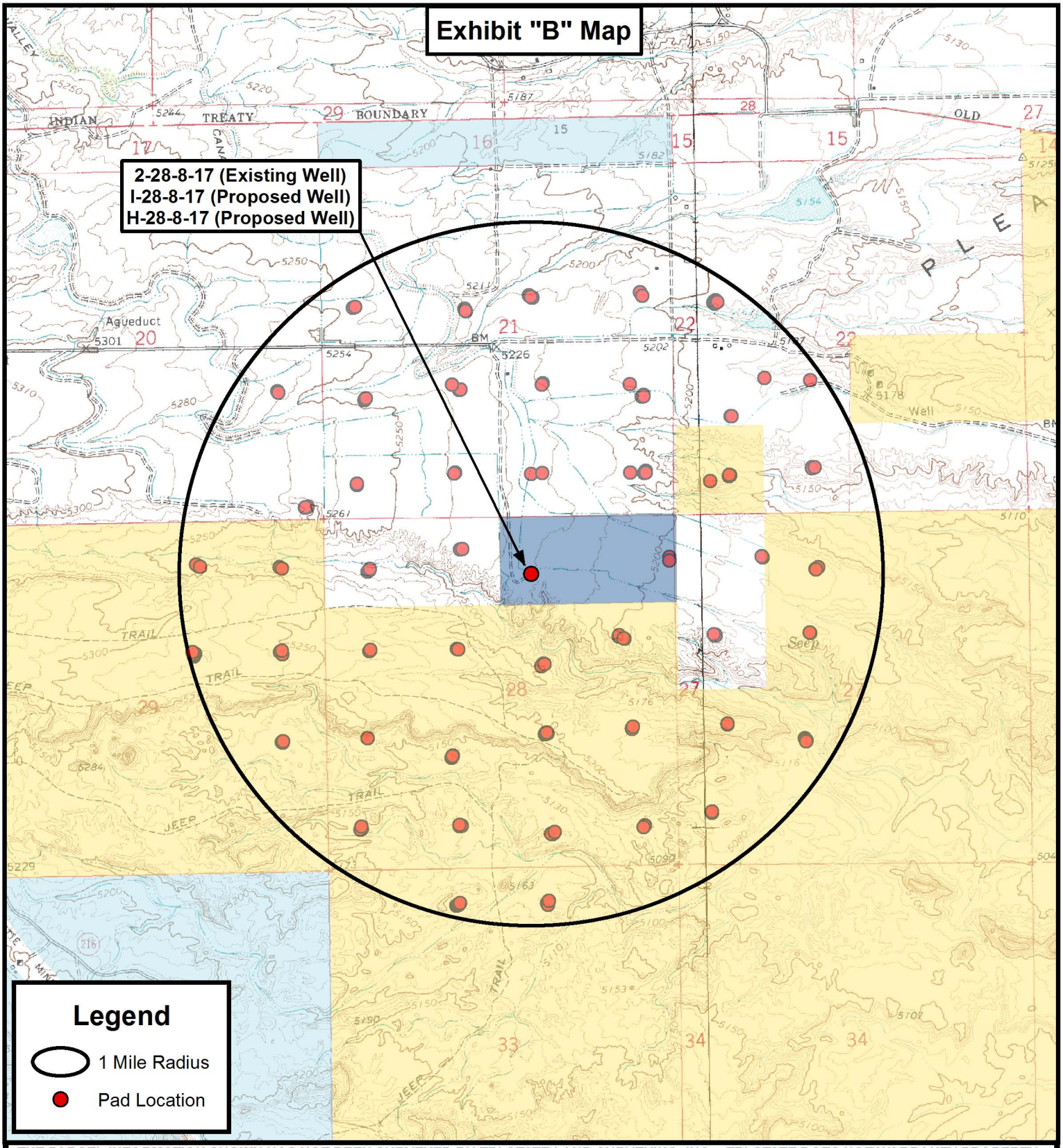
DATE:	06-19-2013		V2
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET C

API Well Number: 43013524910000

Exhibit "B" Map



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N

NEWFIELD EXPLORATION COMPANY

2-28-8-17 (Existing Well)
I-28-8-17 (Proposed Well)
H-28-8-17 (Proposed Well)
Sec. 28, T8S, R17E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	06-19-2013		V2
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET D

API Well Number: 43013524910000

Coordinate Report

Well Number	Feature Type	Latitude (NAD 83) (DMS)	Longitude (NAD 83) (DMS)
2-28-8-17	Surface Hole	40° 05' 37.81" N	110° 00' 35.27" W
I-28-8-17	Surface Hole	40° 05' 37.67" N	110° 00' 35.47" W
H-28-8-17	Surface Hole	40° 05' 37.52" N	110° 00' 35.67" W
I-28-8-17	Center of Pattern	40° 05' 32.27" N	110° 00' 25.07" W
H-28-8-17	Center of Pattern	40° 05' 33.46" N	110° 00' 41.09" W
I-28-8-17	Bottom of Hole	40° 05' 31.01" N	110° 00' 22.65" W
H-28-8-17	Bottom of Hole	40° 05' 32.54" N	110° 00' 42.31" W

Well Number	Feature Type	Latitude (NAD 83) (DD)	Longitude (NAD 83) (DD)
2-28-8-17	Surface Hole	40.093836	110.009797
I-28-8-17	Surface Hole	40.093796	110.009853
H-28-8-17	Surface Hole	40.093756	110.009908
I-28-8-17	Center of Pattern	40.092297	110.006964
H-28-8-17	Center of Pattern	40.092627	110.011415
I-28-8-17	Bottom of Hole	40.091948	110.006292
H-28-8-17	Bottom of Hole	40.092373	110.011754

Well Number	Feature Type	Northing (NAD 83) (UTM Meters)	Longitude (NAD 83) (UTM Meters)
2-28-8-17	Surface Hole	4438641.953	584408.304
I-28-8-17	Surface Hole	4438637.478	584403.642
H-28-8-17	Surface Hole	4438633.004	584398.980
I-28-8-17	Center of Pattern	4438473.809	584651.709
H-28-8-17	Center of Pattern	4438506.207	584271.896
I-28-8-17	Bottom of Hole	4438435.691	584709.482
H-28-8-17	Bottom of Hole	4438477.712	584243.337

Well Number	Feature Type	Latitude (NAD 27) (DMS)	Longitude (NAD 27) (DMS)
2-28-8-17	Surface Hole	40° 05' 37.95" N	110° 00' 32.73" W
I-28-8-17	Surface Hole	40° 05' 37.80" N	110° 00' 32.93" W
H-28-8-17	Surface Hole	40° 05' 37.66" N	110° 00' 33.13" W
I-28-8-17	Center of Pattern	40° 05' 32.41" N	110° 00' 22.54" W
H-28-8-17	Center of Pattern	40° 05' 33.59" N	110° 00' 38.56" W
I-28-8-17	Bottom of Hole	40° 05' 31.15" N	110° 00' 20.11" W
H-28-8-17	Bottom of Hole	40° 05' 32.68" N	110° 00' 39.78" W

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NEWFIELD EXPLORATION COMPANY

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I-28-8-17 (Proposed Well)
H-28-8-17 (Proposed Well)
Sec. 28, T8S, R17E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	
DATE:	06-19-2013		
VERSION:	V2		

COORDINATE REPORT

SHEET 1

RECEIVED: September 29, 2013

API Well Number: 43013524910000

Coordinate Report

Well Number	Feature Type	Latitude (NAD 27) (DD)	Longitude (NAD 27) (DD)
2-28-8-17	Surface Hole	40.093874	110.009093
I-28-8-17	Surface Hole	40.093834	110.009148
H-28-8-17	Surface Hole	40.093794	110.009203
I-28-8-17	Center of Pattern	40.092335	110.006260
H-28-8-17	Center of Pattern	40.092665	110.010710
I-28-8-17	Bottom of Hole	40.091986	110.005587
H-28-8-17	Bottom of Hole	40.092411	110.011049

Well Number	Feature Type	Northing (NAD 27) (UTM Meters)	Longitude (NAD 27) (UTM Meters)
2-28-8-17	Surface Hole	4438436.629	584470.561
I-28-8-17	Surface Hole	4438432.154	584465.899
H-28-8-17	Surface Hole	4438427.680	584461.237
I-28-8-17	Center of Pattern	4438268.485	584713.969
H-28-8-17	Center of Pattern	4438300.883	584334.154
I-28-8-17	Bottom of Hole	4438230.367	584771.744
H-28-8-17	Bottom of Hole	4438272.388	584305.595

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H-28-8-17 (Proposed Well)
Sec. 28, T8S, R17E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	
DATE:	06-19-2013		
VERSION:	V2		

COORDINATE REPORT

SHEET 2

RECEIVED: September 29, 2013

API Well Number: 43013524910000

NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 28 T8S, R17E
I-28-8-17

Wellbore #1

Plan: Design #1

Standard Planning Report

13 June, 2013

RECEIVED: September 29, 2013

NEWFIELD

Payzone Directional

Planning Report

PAYZONE DIRECTIONAL

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well I-28-8-17
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	I-28-8-17 @ 5235.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	**MD Reference:**	I-28-8-17 @ 5235.0ft (Original Well Elev)
Site:	SECTION 28 T8S, R17E	**North Reference:**	True
Well:	I-28-8-17	**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 28 T8S, R17E, SEC 28 T8S, R17E

Site Position:		**Northing:**	7,204,800.00 ft	**Latitude:**	40° 5' 22.277 N
From:	Lat/Long	**Easting:**	2,057,000.00 ft	**Longitude:**	110° 0' 39.302 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	0.95 °

Well I-28-8-17, SHL LAT: 40 05 37.67 LONG: -110 00 35.47

Well Position	**+N/-S**	1,557.5 ft	**Northing:**	7,206,362.25 ft	**Latitude:**	40° 5' 37.670 N
	+E/-W	297.8 ft	**Easting:**	2,057,271.79 ft	**Longitude:**	110° 0' 35.470 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	5,235.0 ft	**Ground Level:**	5,225.0 ft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	6/13/2013	11.04	65.80	52,109

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	123.10

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	
1,454.3	12.81	123.10	1,447.2	-52.0	79.7	1.50	1.50	0.00	123.10	
5,424.0	12.81	123.10	5,318.0	-532.8	817.3	0.00	0.00	0.00	0.00	I-28-8-17 TGT
6,448.5	12.81	123.10	6,317.0	-656.9	1,007.6	0.00	0.00	0.00	0.00	

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Payzone Directional

Planning Report

PAYZONE DIRECTIONAL

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Company:	NEWFIELD EXPLORATION	**TVD Reference:**	I-28-8-17 @ 5235.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	**MD Reference:**	I-28-8-17 @ 5235.0ft (Original Well Elev)
Site:	SECTION 28 T8S, R17E	**North Reference:**	True
Well:	I-28-8-17	**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	123.10	700.0	-0.7	1.1	1.3	1.50	1.50	0.00
800.0	3.00	123.10	799.9	-2.9	4.4	5.2	1.50	1.50	0.00
900.0	4.50	123.10	899.7	-6.4	9.9	11.8	1.50	1.50	0.00
1,000.0	6.00	123.10	999.3	-11.4	17.5	20.9	1.50	1.50	0.00
1,100.0	7.50	123.10	1,098.6	-17.8	27.4	32.7	1.50	1.50	0.00
1,200.0	9.00	123.10	1,197.5	-25.7	39.4	47.0	1.50	1.50	0.00
1,300.0	10.50	123.10	1,296.1	-34.9	53.6	64.0	1.50	1.50	0.00
1,400.0	12.00	123.10	1,394.2	-45.6	69.9	83.5	1.50	1.50	0.00
1,454.3	12.81	123.10	1,447.2	-52.0	79.7	95.1	1.50	1.50	0.00
1,500.0	12.81	123.10	1,491.8	-57.5	88.2	105.3	0.00	0.00	0.00
1,600.0	12.81	123.10	1,589.3	-69.6	106.8	127.5	0.00	0.00	0.00
1,700.0	12.81	123.10	1,686.8	-81.7	125.4	149.6	0.00	0.00	0.00
1,800.0	12.81	123.10	1,784.3	-93.8	143.9	171.8	0.00	0.00	0.00
1,900.0	12.81	123.10	1,881.8	-105.9	162.5	194.0	0.00	0.00	0.00
2,000.0	12.81	123.10	1,979.3	-118.1	181.1	216.2	0.00	0.00	0.00
2,100.0	12.81	123.10	2,076.8	-130.2	199.7	238.4	0.00	0.00	0.00
2,200.0	12.81	123.10	2,174.3	-142.3	218.3	260.5	0.00	0.00	0.00
2,300.0	12.81	123.10	2,271.8	-154.4	236.8	282.7	0.00	0.00	0.00
2,400.0	12.81	123.10	2,369.3	-166.5	255.4	304.9	0.00	0.00	0.00
2,500.0	12.81	123.10	2,466.8	-178.6	274.0	327.1	0.00	0.00	0.00
2,600.0	12.81	123.10	2,564.4	-190.7	292.6	349.3	0.00	0.00	0.00
2,700.0	12.81	123.10	2,661.9	-202.8	311.2	371.4	0.00	0.00	0.00
2,800.0	12.81	123.10	2,759.4	-215.0	329.7	393.6	0.00	0.00	0.00
2,900.0	12.81	123.10	2,856.9	-227.1	348.3	415.8	0.00	0.00	0.00
3,000.0	12.81	123.10	2,954.4	-239.2	366.9	438.0	0.00	0.00	0.00
3,100.0	12.81	123.10	3,051.9	-251.3	385.5	460.2	0.00	0.00	0.00
3,200.0	12.81	123.10	3,149.4	-263.4	404.1	482.3	0.00	0.00	0.00
3,300.0	12.81	123.10	3,246.9	-275.5	422.6	504.5	0.00	0.00	0.00
3,400.0	12.81	123.10	3,344.4	-287.6	441.2	526.7	0.00	0.00	0.00
3,500.0	12.81	123.10	3,441.9	-299.7	459.8	548.9	0.00	0.00	0.00
3,600.0	12.81	123.10	3,539.5	-311.9	478.4	571.1	0.00	0.00	0.00
3,700.0	12.81	123.10	3,637.0	-324.0	497.0	593.2	0.00	0.00	0.00
3,800.0	12.81	123.10	3,734.5	-336.1	515.5	615.4	0.00	0.00	0.00
3,900.0	12.81	123.10	3,832.0	-348.2	534.1	637.6	0.00	0.00	0.00
4,000.0	12.81	123.10	3,929.5	-360.3	552.7	659.8	0.00	0.00	0.00
4,100.0	12.81	123.10	4,027.0	-372.4	571.3	682.0	0.00	0.00	0.00
4,200.0	12.81	123.10	4,124.5	-384.5	589.9	704.1	0.00	0.00	0.00
4,300.0	12.81	123.10	4,222.0	-396.6	608.4	726.3	0.00	0.00	0.00
4,400.0	12.81	123.10	4,319.5	-408.8	627.0	748.5	0.00	0.00	0.00
4,500.0	12.81	123.10	4,417.0	-420.9	645.6	770.7	0.00	0.00	0.00
4,600.0	12.81	123.10	4,514.5	-433.0	664.2	792.9	0.00	0.00	0.00
4,700.0	12.81	123.10	4,612.1	-445.1	682.8	815.0	0.00	0.00	0.00
4,800.0	12.81	123.10	4,709.6	-457.2	701.3	837.2	0.00	0.00	0.00
4,900.0	12.81	123.10	4,807.1	-469.3	719.9	859.4	0.00	0.00	0.00
5,000.0	12.81	123.10	4,904.6	-481.4	738.5	881.6	0.00	0.00	0.00
5,100.0	12.81	123.10	5,002.1	-493.5	757.1	903.8	0.00	0.00	0.00
5,200.0	12.81	123.10	5,099.6	-505.7	775.7	925.9	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 I-28-8-17
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	I-28-8-17 @ 5235.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	**MD Reference:**	I-28-8-17 @ 5235.0ft (Original Well Elev)
Site:	SECTION 28 T8S, R17E	**North Reference:**	True
Well:	I-28-8-17	**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	12.81	123.10	5,197.1	-517.8	794.3	948.1	0.00	0.00	0.00
5,400.0	12.81	123.10	5,294.6	-529.9	812.8	970.3	0.00	0.00	0.00
5,424.0	12.81	123.10	5,318.0	-532.8	817.3	975.6	0.00	0.00	0.00
5,500.0	12.81	123.10	5,392.1	-542.0	831.4	992.5	0.00	0.00	0.00
5,600.0	12.81	123.10	5,489.6	-554.1	850.0	1,014.7	0.00	0.00	0.00
5,700.0	12.81	123.10	5,587.1	-566.2	868.6	1,036.8	0.00	0.00	0.00
5,800.0	12.81	123.10	5,684.7	-578.3	887.2	1,059.0	0.00	0.00	0.00
5,900.0	12.81	123.10	5,782.2	-590.4	905.7	1,081.2	0.00	0.00	0.00
6,000.0	12.81	123.10	5,879.7	-602.6	924.3	1,103.4	0.00	0.00	0.00
6,100.0	12.81	123.10	5,977.2	-614.7	942.9	1,125.6	0.00	0.00	0.00
6,200.0	12.81	123.10	6,074.7	-626.8	961.5	1,147.7	0.00	0.00	0.00
6,300.0	12.81	123.10	6,172.2	-638.9	980.1	1,169.9	0.00	0.00	0.00
6,400.0	12.81	123.10	6,269.7	-651.0	998.6	1,192.1	0.00	0.00	0.00
6,448.5	12.81	123.10	6,317.0	-656.9	1,007.6	1,202.8	0.00	0.00	0.00

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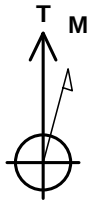
API Well Number: 43013524910000

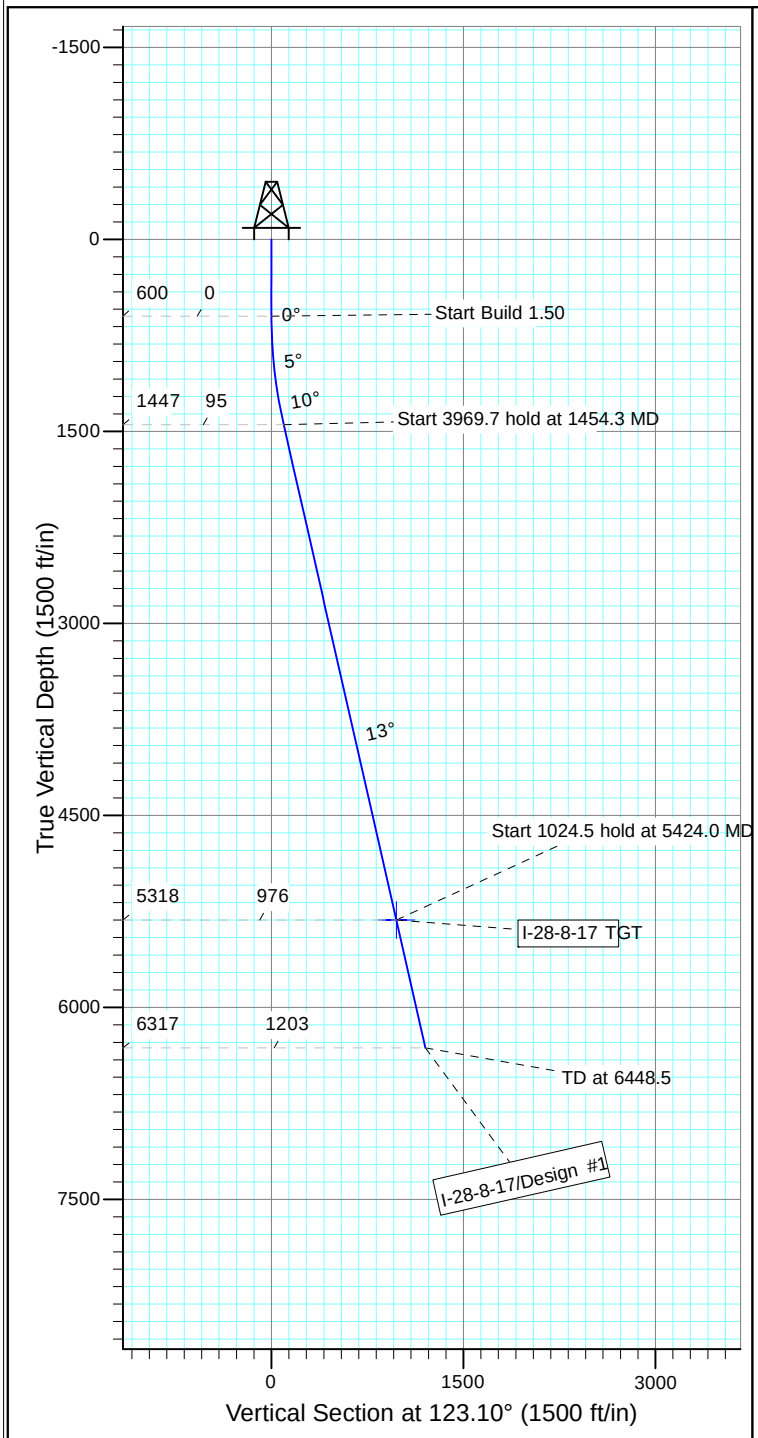
NEWFIELD

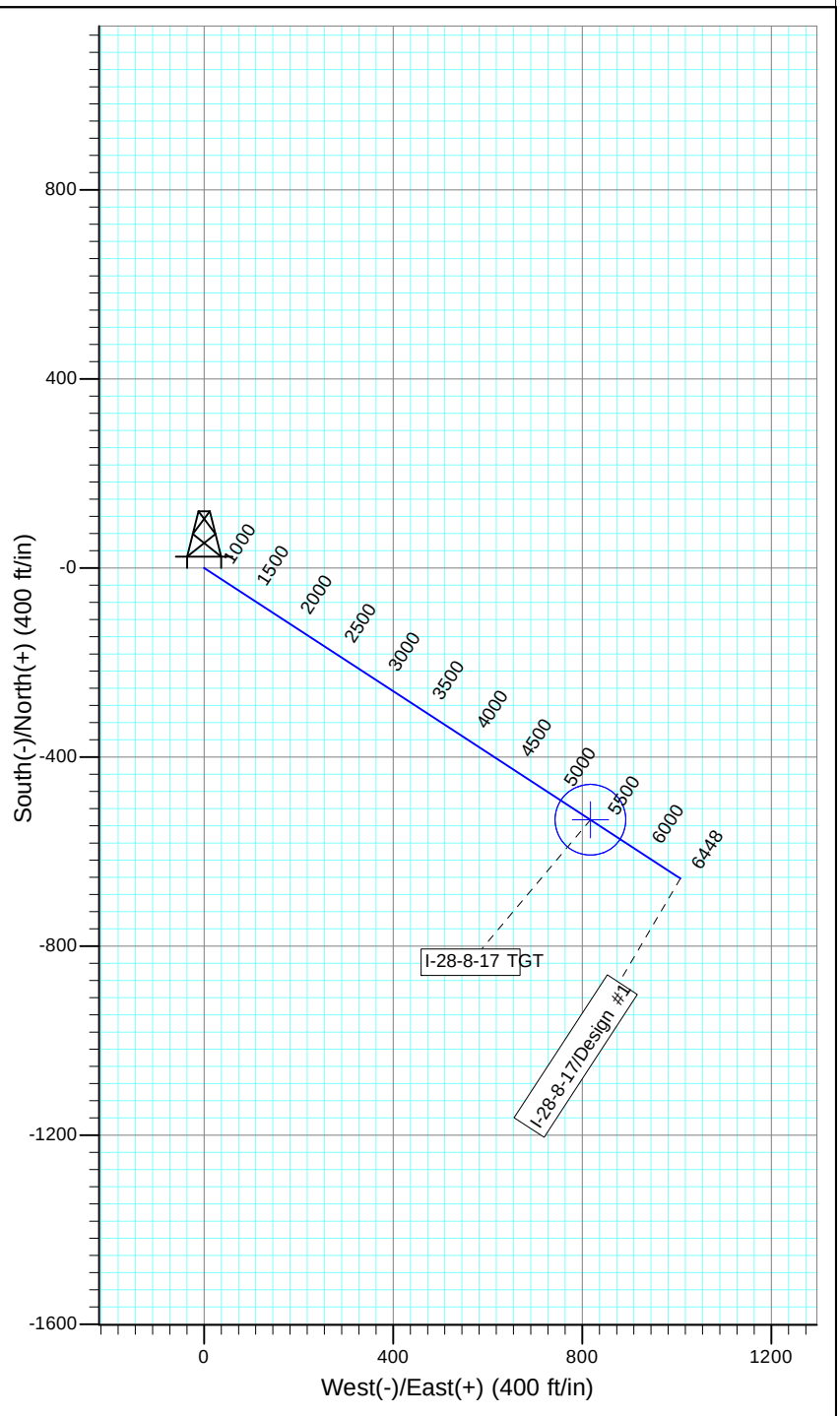
Project: USGS Myton SW (UT)
Site: SECTION 28 T8S, R17E
Well: I-28-8-17
Wellbore: Wellbore #1
Design: Design #1



Azimuths to True North
Magnetic North: 11.04°

Magnetic Field
Strength: 52109.5snT
Dip Angle: 65.80°
Date: 6/13/2013
Model: IGRF2010





WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
I-28-8-17 TGT	5318.0	-532.8	817.3	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	1454.3	12.81	123.10	1447.2	-52.0	79.7	1.50	123.10	95.1	
4	5424.0	12.81	123.10	5318.0	-532.8	817.3	0.00	0.00	975.6	I-28-8-17 TGT
5	6448.5	12.81	123.10	6317.0	-656.9	1007.6	0.00	0.00	1202.8	

PAYZONE

API Well Number: 43013524910000

AFFIDAVIT OF EASEMENT, RIGHT-OF-WAY AND SURFACE USE AGREEMENT

Peter Burns personally appeared before me, being duly sworn, deposes and with respect to State of Utah R649-3-34.7 says:

1. My name is Peter Burns. I am a Landman for Newfield Production Company, whose address is 1001 17th Street, Suite 2000, Denver, CO 80202 ("Newfield").

2. Newfield is the Operator of the proposed I-28-8-17 and H-28-8-17 wells with a surface location to be positioned in the NWNE of Section 28, Township 8 South, Range 17 East, Duchesne County, Utah (the "Drillsite Location"). The surface owner of the Drillsite Location is Nolen T. Giles Family Trust (successor in interest to AA&M LLP), whose address is P.O. Box 416, Tabiona, UT 84072 ("Surface Owner").

3. Newfield and the Surface Owner have agreed upon an Easement, Right-of-Way and Surface Use Agreement dated May 18, 1995 covering the Drillsite Location and access to the Drillsite Location.

FURTHER AFFIANT SAYETH NOT.

Peter Burns

ACKNOWLEDGEMENT

STATE OF COLORADO §
§
COUNTY OF DENVER §

Before me, a Notary Public, in and for the State, on this 27th day of September, 2013, personally appeared Peter Burns, to me known to be the identical person who executed the foregoing instrument, and acknowledged to me that he executed the same as his own free and voluntary act and deed for the uses and purposes therein set forth.

NOTARY PUBLIC

My Commission Expires:

ALAN D. WILD NOTARY PUBLIC STATE OF COLORADO MY COMMISSION EXPIRES 2/17/2015

NEWFIELD PRODUCTION COMPANY
GMBU I-28-8-17
AT SURFACE: NW/NE SECTION 28, 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 I-28-8-17 located in the NW 1/4 NE 1/4 Section 28, 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 – 6.8 miles ± to it's junction with an existing road to the east; proceed in a easterly direction – 2.5 miles ± to it's junction with an existing road to the north; proceed in a northerly direction – 0.7 miles ± to it's junction with the beginning of the access road to the existing 2-28-8-17 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 2-28-8-17 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.

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

Tank batteries will be built to State specifications.

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

Johnson Water District
Water Right : 43-7478

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

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

9. ***WELL SITE LAYOUT***

See attached Location Layout Sheet.

Fencing Requirements

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*** – Nolan T. Giles Family Trust.

12. ***OTHER ADDITIONAL INFORMATION***

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report # 13-174 7/25/13, prepared by Montgomery Archaeological Consultants. Paleontological Resource Survey prepared by, Wade Miller, 7/10/13. See attached report cover pages, Exhibit “D”.

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

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

Hazardous Material Declaration
Newfield Production Company guarantees that during the drilling and completion of the GMBU I-28-8-17, 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 I-28-8-17, 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 #I-28-8-17, Section 28, Township 8S, Range 17E: Lease UTU-76241 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.

Mandie Crozier
Digitally signed by Mandie Crozier
DN: cn=Mandie Crozier, o=Newfield Production, ou=Regulatory Analyst, email=mcrozier@newfield.com, c=US
Date: 2013.09.27 12:16:55 -06'00'

9/27/13
Date

Mandie Crozier
Regulatory Analyst

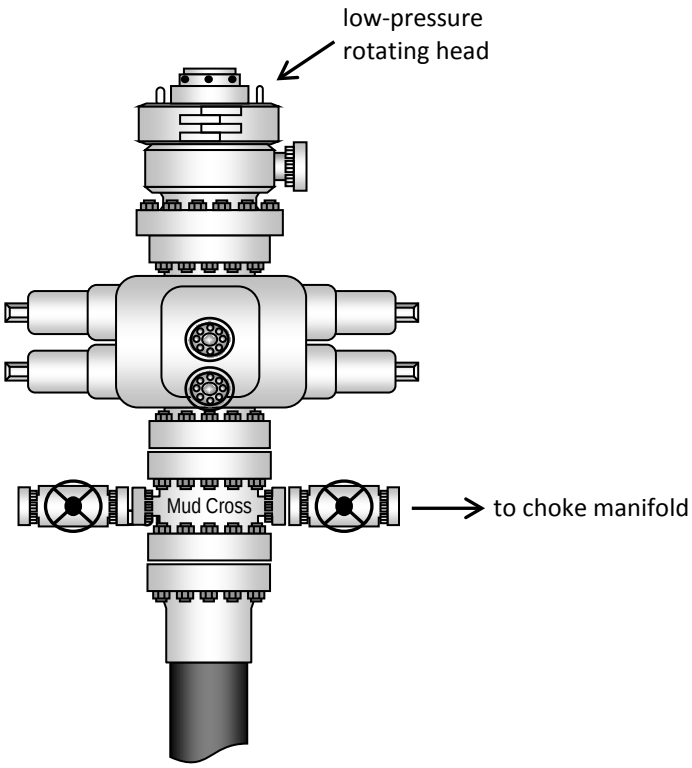
RECEIVED: September 29, 2013

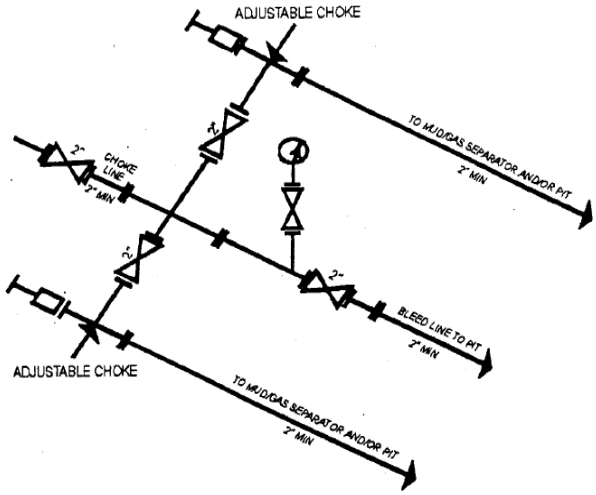
API Well Number: 43013524910000

Newfield Production Company

RECEIVED: September 29, 2013

Typical 2M BOP stack configuration





2M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

RECEIVED: September 29, 2013

API Well Number: 43013524910000

NEWFIELD EXPLORATION COMPANY

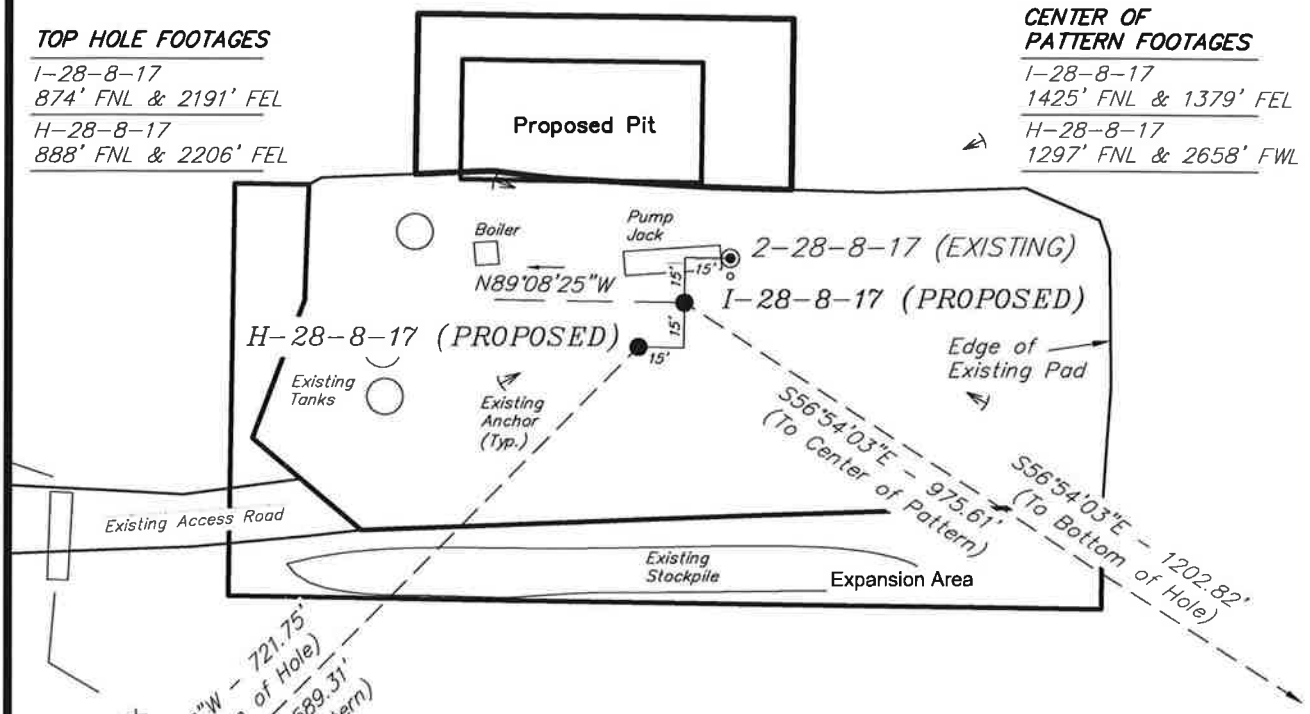
WELL PAD INTERFERENCE PLAT

2-28-8-17 (Existing Well)
I-28-8-17 (Proposed Well)
H-28-8-17 (Proposed Well)

Pad Location: NWNE Section 28, T8S, R17E, S.L.B.&M.

TOP HOLE FOOTAGES
I-28-8-17
874' FNL & 2191' FEL
H-28-8-17
888' FNL & 2206' FEL

CENTER OF PATTERN FOOTAGES
I-28-8-17
1425' FNL & 1379' FEL
H-28-8-17
1297' FNL & 2658' FWL



BOTTOM HOLE FOOTAGES
I-28-8-17
1553' FNL & 1190' FEL
H-28-8-17
1390' FNL & 2563' FWL

LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
2-28-8-17	40° 05' 37.81"	110° 00' 35.27"
I-28-8-17	40° 05' 37.67"	110° 00' 35.47"
H-28-8-17	40° 05' 37.52"	110° 00' 35.67"

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

WELL	NORTH	EAST
I-28-8-17	-533'	817'
H-28-8-17	-419'	-415'

LATITUDE & LONGITUDE
Center of Pattern (NAD 83)

WELL	LATITUDE	LONGITUDE
I-28-8-17	40° 05' 32.27"	110° 00' 25.07"
H-28-8-17	40° 05' 33.46"	110° 00' 41.09"

RELATIVE COORDINATES
From Top Hole to Bottom Hole

WELL	NORTH	EAST
I-28-8-17	-657'	1,008'
H-28-8-17	-513'	-508'

N

Note:
Bearings are based on GPS Observations.

LATITUDE & LONGITUDE
Bottom Hole Position (NAD 83)

WELL	LATITUDE	LONGITUDE
I-28-8-17	40° 05' 31.01"	110° 00' 22.65"
H-28-8-17	40° 05' 32.54"	110° 00' 42.31"

SURVEYED BY: S.H.	DATE SURVEYED: 01-17-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 06-19-13	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED:		

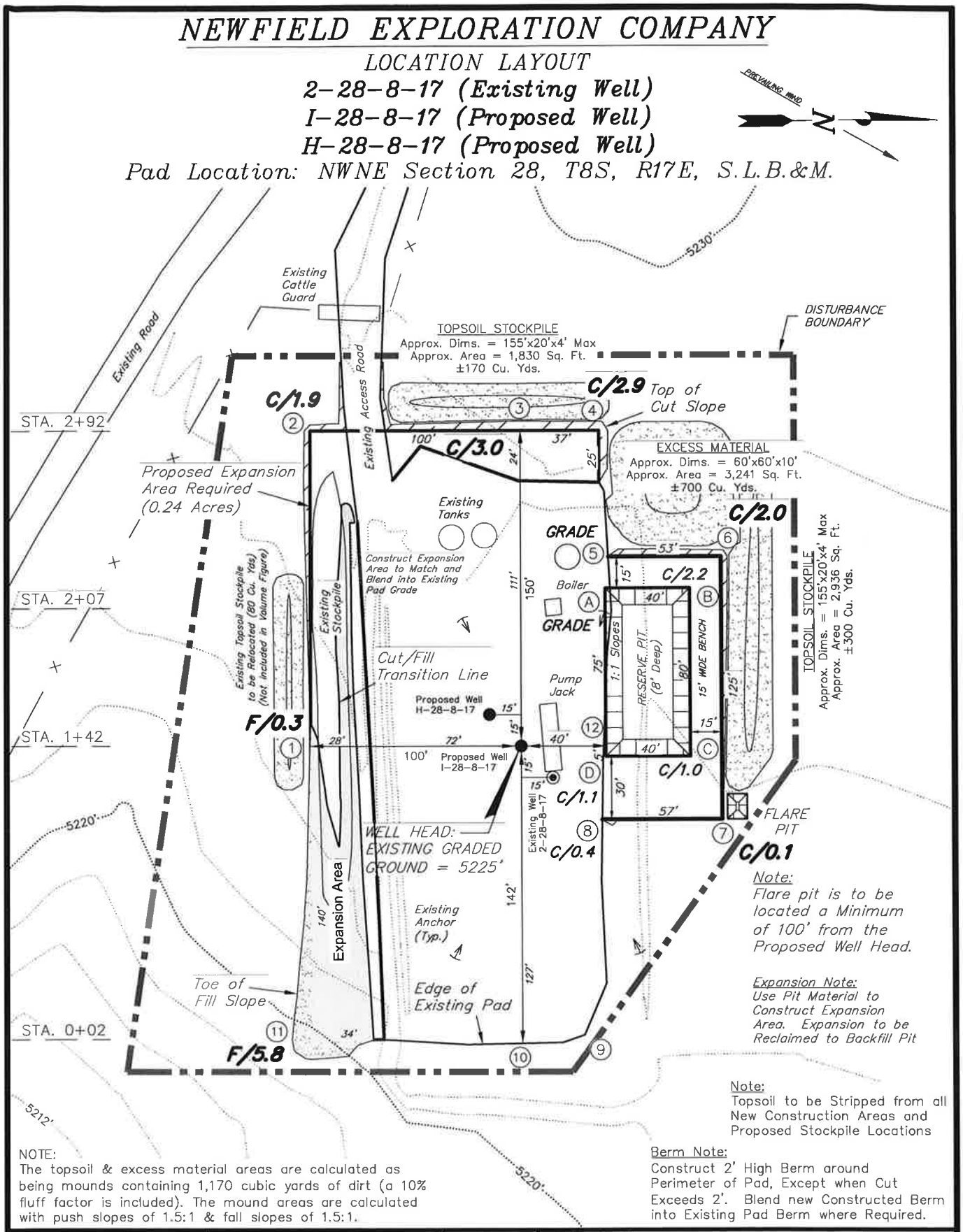
API Well Number: 43013524910000

NEWFIELD EXPLORATION COMPANY

LOCATION LAYOUT

2-28-8-17 (Existing Well)
I-28-8-17 (Proposed Well)
H-28-8-17 (Proposed Well)

Pad Location: NWNE Section 28, T8S, R17E, S.L.B.&M.



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

Expansion Note:
Use Pit Material to Construct Expansion Area. Expansion to be Reclaimed to Backfill Pit

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

NOTE:
The topsoil & excess material areas are calculated as being mounds containing 1,170 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.

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.

SURVEYED BY: S.H.	DATE SURVEYED: 01-17-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 06-19-13	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED:		

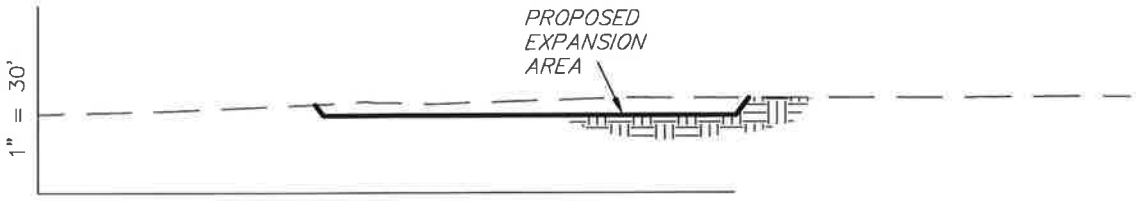
API Well Number: 43013524910000

NEWFIELD EXPLORATION COMPANY

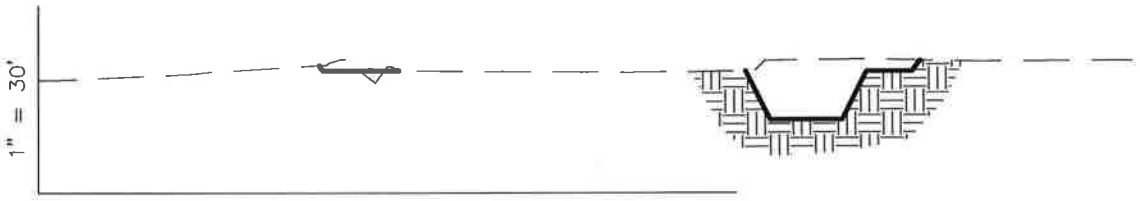
CROSS SECTIONS

2-28-8-17 (Existing Well)
I-28-8-17 (Proposed Well)
H-28-8-17 (Proposed Well)

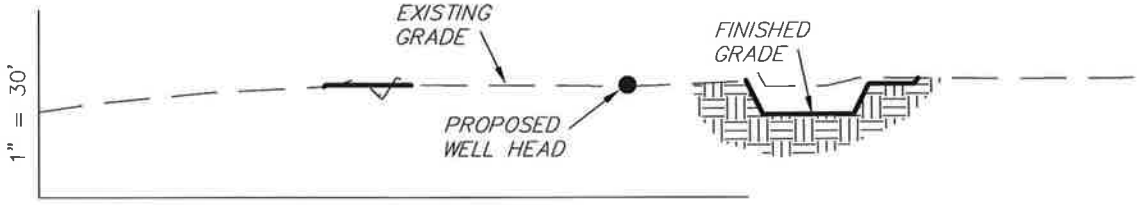
Pad Location: NWNE Section 28, T8S, R17E, S.L.B.&M.



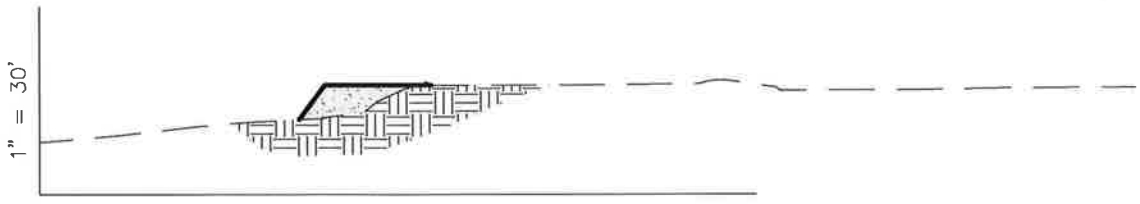
STA. 2+92



STA. 2+07



STA. 1+42



STA. 0+02

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	260	310	Topsoil is not included in Pad Cut	-50
PIT	690	0		690
TOTALS	950	310	430	640

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

Expansion Note:
Use Pit Material to Construct Expansion Area. Expansion to be Reclaimed to Backfill Pit

SURVEYED BY: S.H.	DATE SURVEYED: 01-17-13	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 06-19-13	V2
SCALE: 1" = 60'	REVISED:	

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

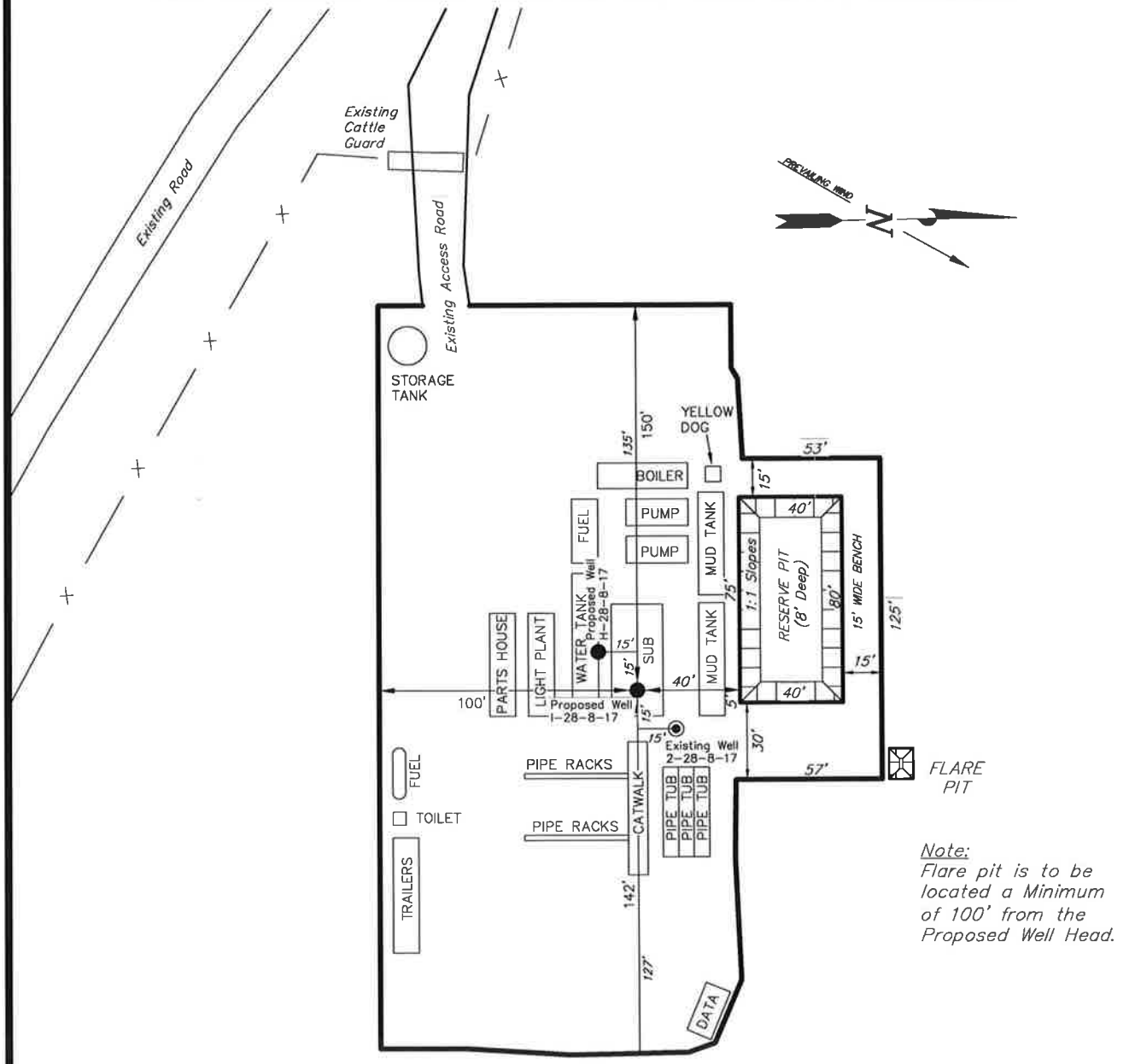
API Well Number: 43013524910000

NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT

2-28-8-17 (Existing Well)
I-28-8-17 (Proposed Well)
H-28-8-17 (Proposed Well)

Pad Location: NWNE Section 28, 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: 01-17-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 06-19-13	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED:		

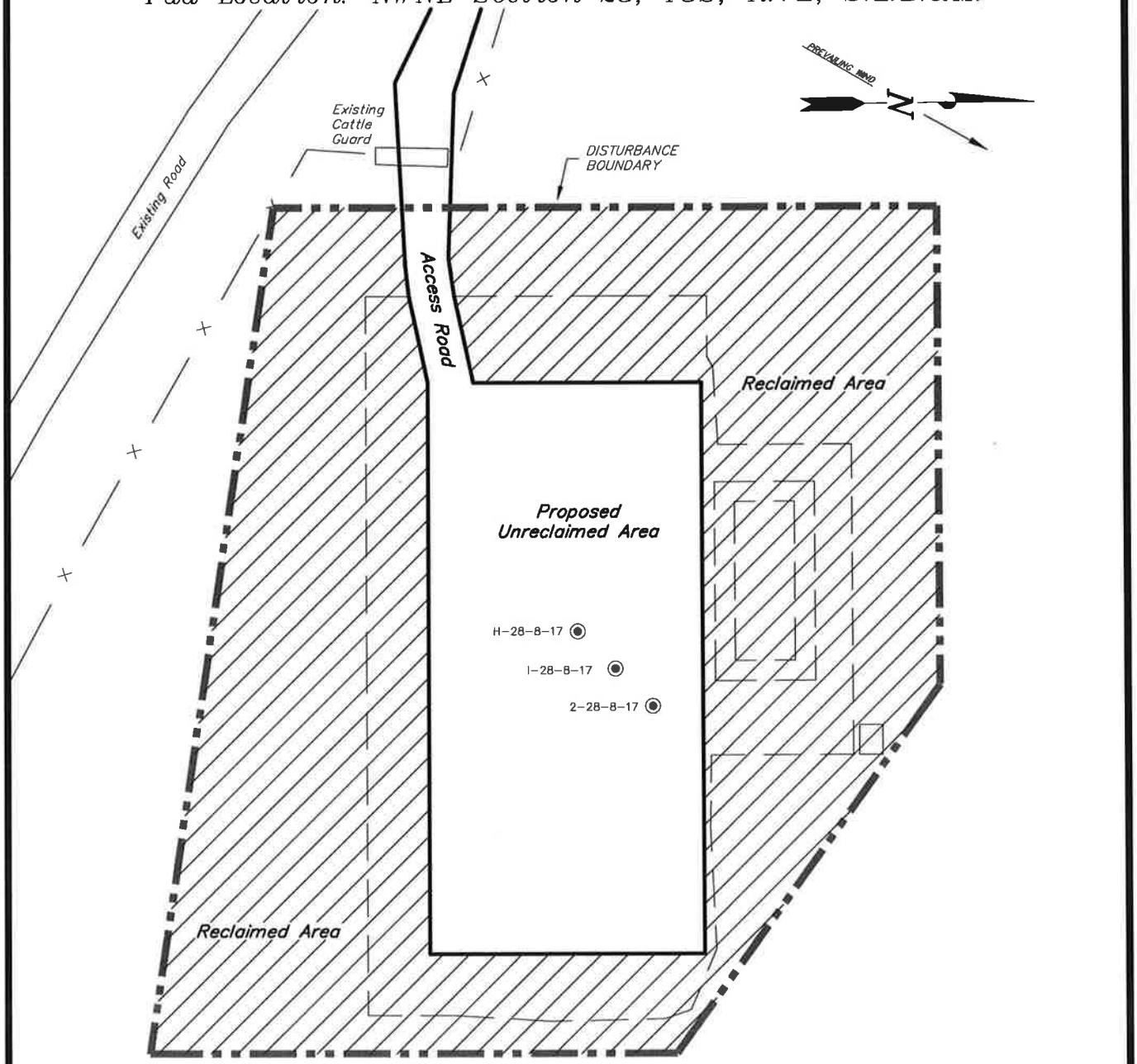
API Well Number: 43013524910000

NEWFIELD EXPLORATION COMPANY

RECLAMATION LAYOUT

2-28-8-17 (Existing Well)
I-28-8-17 (Proposed Well)
H-28-8-17 (Proposed Well)

Pad Location: NWNE Section 28, 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	= ±2.10 ACRES
TOTAL RECLAIMED AREA	= ±1.49 ACRES
UNRECLAIMED AREA	= ±0.61 ACRES

SURVEYED BY: S.H.	DATE SURVEYED: 01-17-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 06-19-13	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED:		

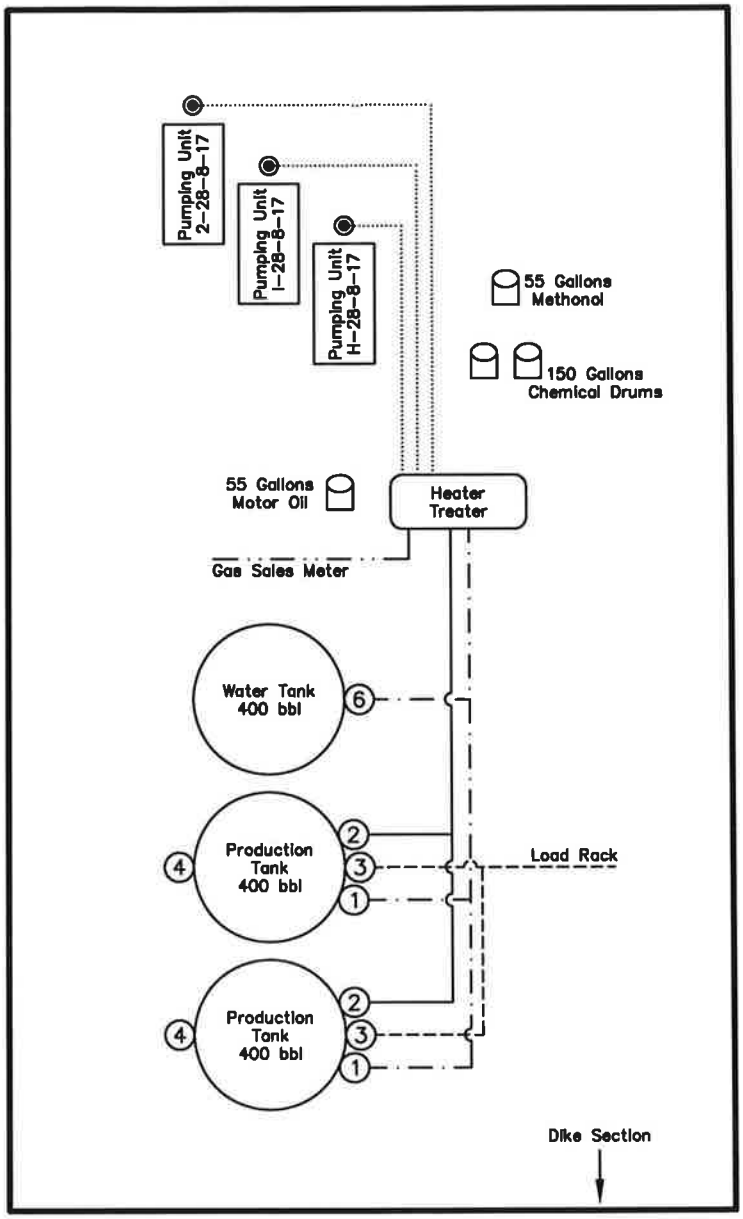
API Well Number: 43013524910000

NEWFIELD EXPLORATION COMPANY

PROPOSED SITE FACILITY DIAGRAM

2-28-8-17 UTU-76241
I-28-8-17 UTU-76241
H-28-8-17 UTU-76241

Pad Location: NWNE Section 28, T8S, R17E, S.L.B.&M.
Duchesne County, Utah



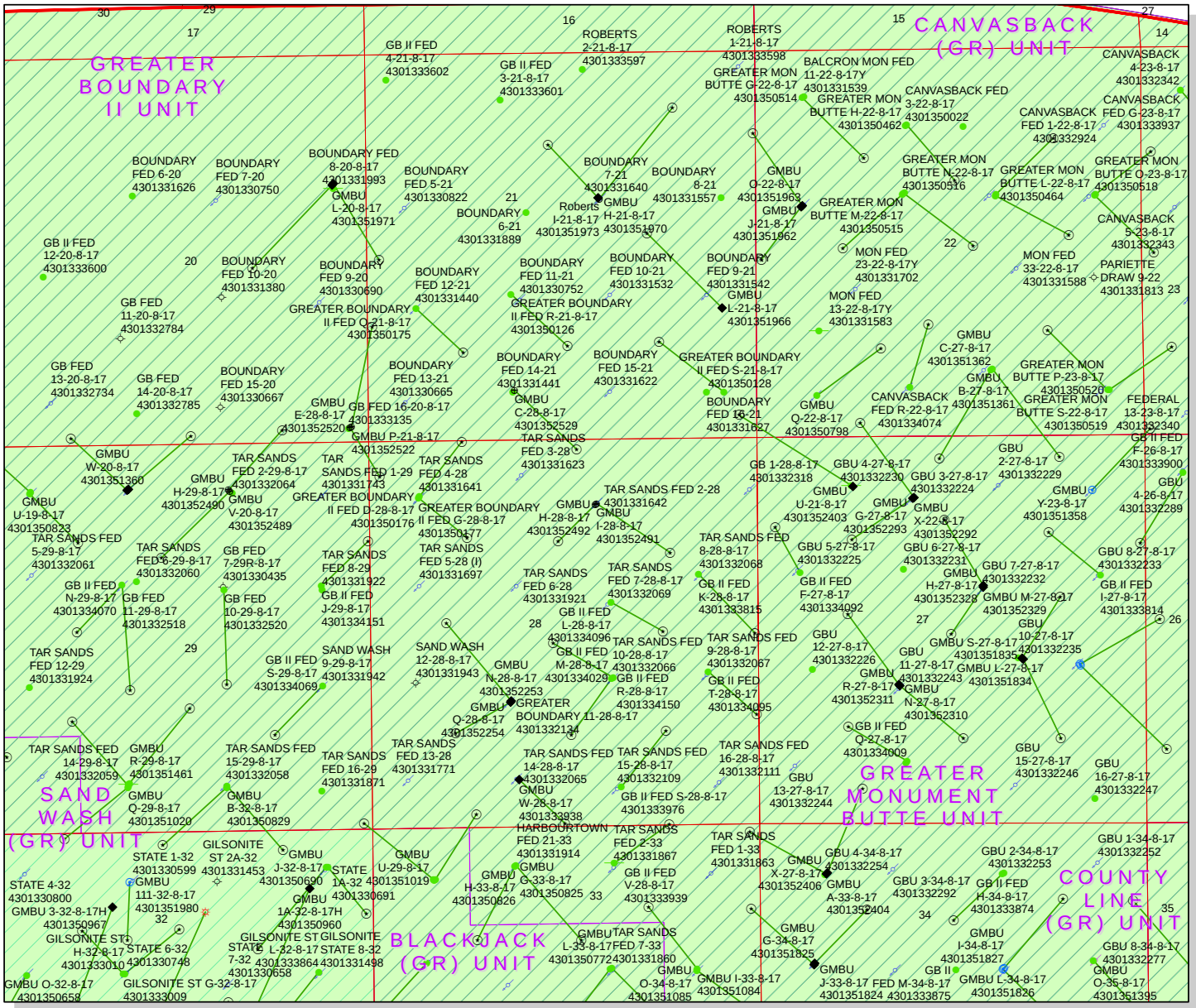
Legend

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

NOT TO SCALE

SURVEYED BY:	S.H.	DATE SURVEYED:	01-17-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY:	F.T.M.	DATE DRAWN:	06-19-13	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE:	NONE	REVISED:			

API Well Number: 43013524910000



API Number: 4301352491

Well Name: GMBU I-28-8-17

Township: T08.0S Range: R17.0E Section: 28 Meridian: S

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared: 10/2/2013
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

1,700 850 0 1,700 Feet

1:16,807

RECEIVED: October 02, 2013

NEWFIELD

VIA ELECTRONIC DELIVERY

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

October 7, 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 I-28-8-17
Greater Monument Butte (Green River) Unit

Surface Hole: T8S-R17E Section 28: NWNE (UTU-76241)
874' FNL 2191' FEL

At Target: T8S-R17E Section 28: SENW (UTU-76241)
1553' FNL 1190' 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 10/1/2013, 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-exiting 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: 43013524910000

Form 3160-3
(August 2007)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.: UTU76241

6. If Indian, Allottee or Tribe Name:

1a. Type of Work: ☒ DRILL ☐ REENTER

7. If Unit or CA Agreement, Name and No.: GREATER MONUMENT

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

8. Lease Name and Well No.: GMBU I-28-8-17

2. Name of Operator: NEWFIELD PRODUCTION COMPANY
Contact: MANDIE CROZIER
E-Mail: mcrozier@newfield.com

9. API Well No.:

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 *(Report location clearly and in accordance with any State requirements.*)*

At surface: NWNE 874FNL 2191FEL

At proposed prod. zone: SENE 1553FNL 1190FEL

11. Sec., T., R., M., or Blk. and Survey or Area: Sec 28 T8S R17E Mer SLB

14. Distance in miles and direction from nearest town or post office*
11.4 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)
1390'

16. No. of Acres in Lease
2879.90

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.
688'

19. Proposed Depth
6448 MD
6317 TVD

20. BLM/BIA Bond No. on file
WYB000493

21. Elevations (Show whether DF, KB, RT, GL, etc.
5225 GL

22. Approximate date work will start
01/31/2014

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:

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).
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	Name (Printed/Typed)	Date
(Electronic Submission)	MANDIE CROZIER Ph: 435-646-4825	10/01/2013

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 #221846 verified by the BLM Well Information System
For NEWFIELD PRODUCTION COMPANY, sent to the Vernal

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

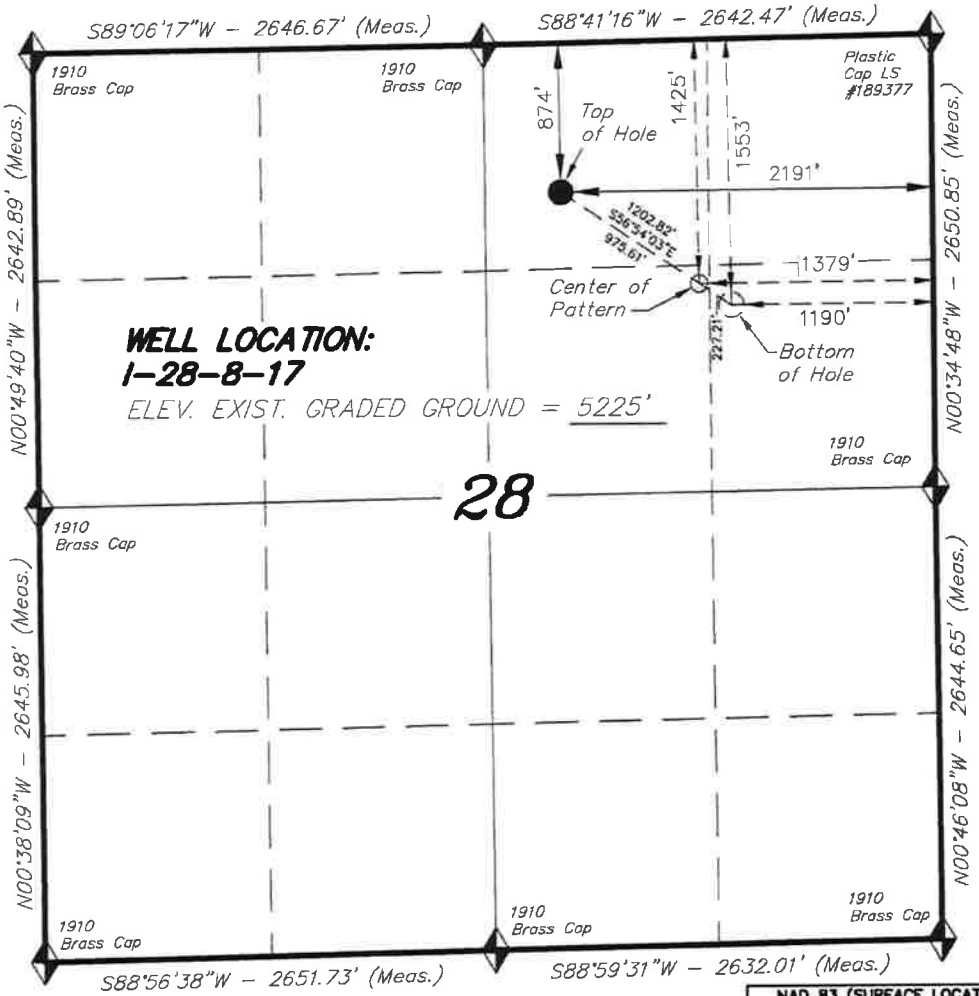
API Well Number: 43013524910000

Additional Operator Remarks:

SURFACE LEASE: UTU-76241
BOTTOM HOLE LEASE: UTU-76241

API Well Number: 43013524910000

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



= 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°05'32.27" LONGITUDE = 110°00'25.07"	LATITUDE = 40°05'31.01" LONGITUDE = 110°00'22.65"
NAD 27 (CENTER OF PATTERN)	**NAD 27 (BOTTOM HOLE LOCATION)**
LATITUDE = 40°05'32.41" LONGITUDE = 110°00'22.54"	LATITUDE = 40°05'31.15" LONGITUDE = 110°00'20.11"

NAD 83 (SURFACE LOCATION)
LATITUDE = 40°05'37.67" LONGITUDE = 110°00'35.47"
NAD 27 (SURFACE LOCATION)
LATITUDE = 40°05'37.80" LONGITUDE = 110°00'32.93"

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, I-28-8-17, LOCATED AS SHOWN IN THE NW 1/4 NE 1/4 OF SECTION 28, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

TARGET BOTTOM HOLE, I-28-8-17, LOCATED AS SHOWN IN THE SE 1/4 NE 1/4 OF SECTION 28, 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.

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.

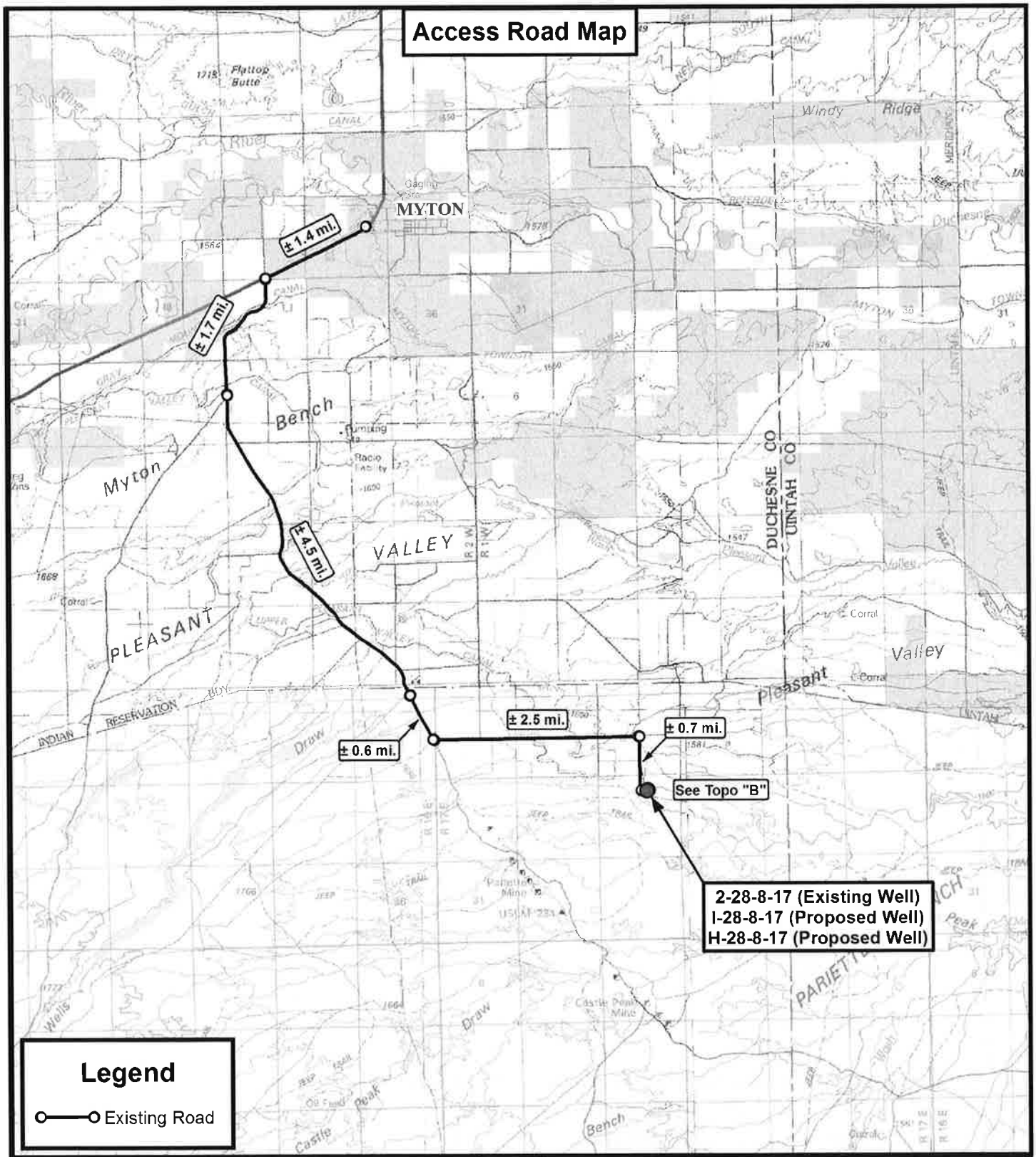
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

REGISTERED LAND SURVEYOR
189377
06-19-13
STACY W. STEWART
STATE OF UTAH

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

DATE SURVEYED: 01-17-13	SURVEYED BY: S.H.	VERSION:
DATE DRAWN: 06-19-13	DRAWN BY: F.T.M.	V2
REVISED:	SCALE: 1" = 1000'	

API Well Number: 43013524910000



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

N

NEWFIELD EXPLORATION COMPANY

2-28-8-17 (Existing Well)
I-28-8-17 (Proposed Well)
H-28-8-17 (Proposed Well)
Sec. 28, T8S, R17E, S.L.B.&M. Duchesne County, UT.

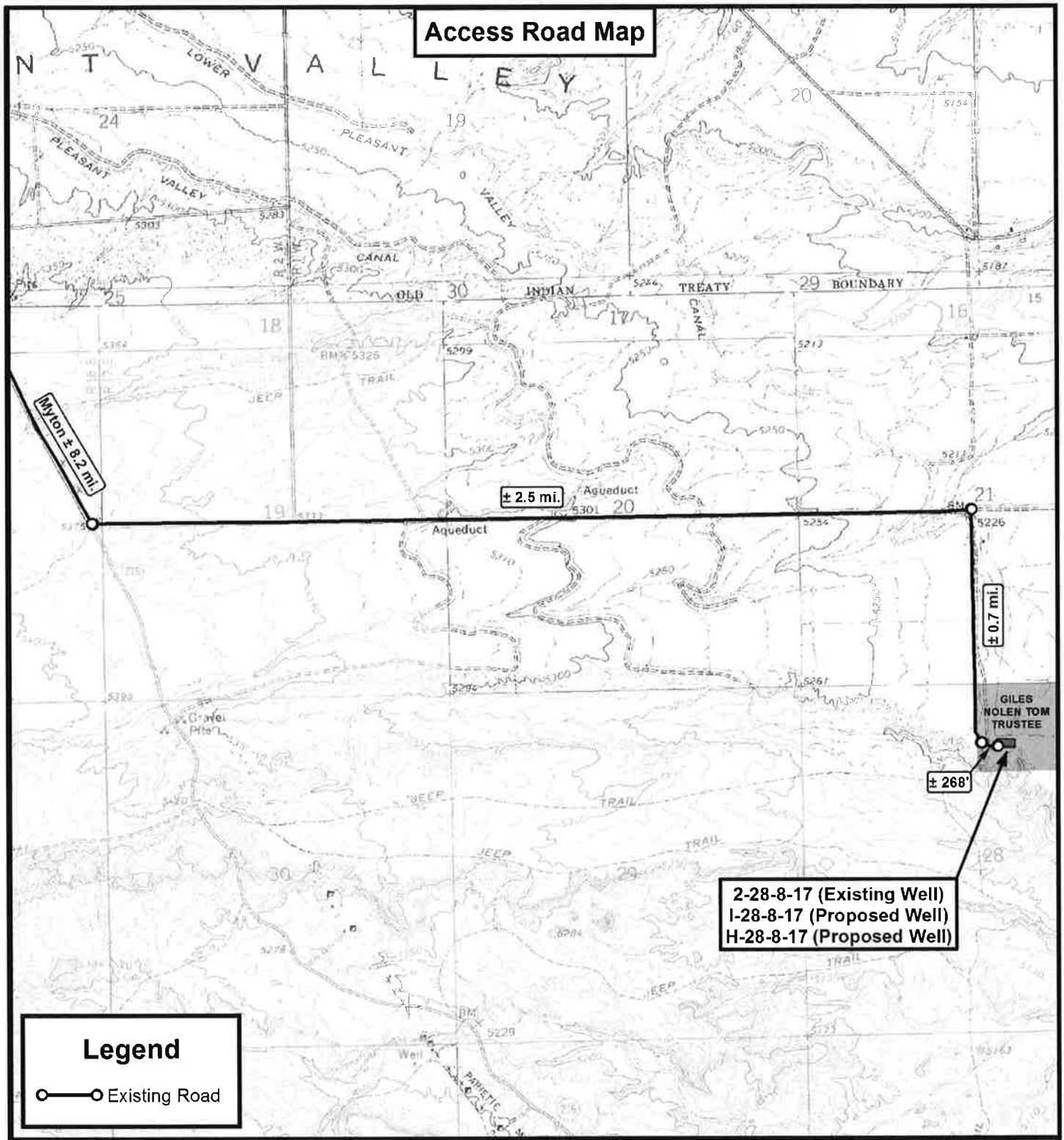
DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	06-19-2013		V2
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET A

API Well Number: 43013524910000

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.

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

N

NEWFIELD EXPLORATION COMPANY

2-28-8-17 (Existing Well)
I-28-8-17 (Proposed Well)
H-28-8-17 (Proposed Well)
Sec. 28, T8S, R17E, S.L.B.&M. Duchesne County, UT.

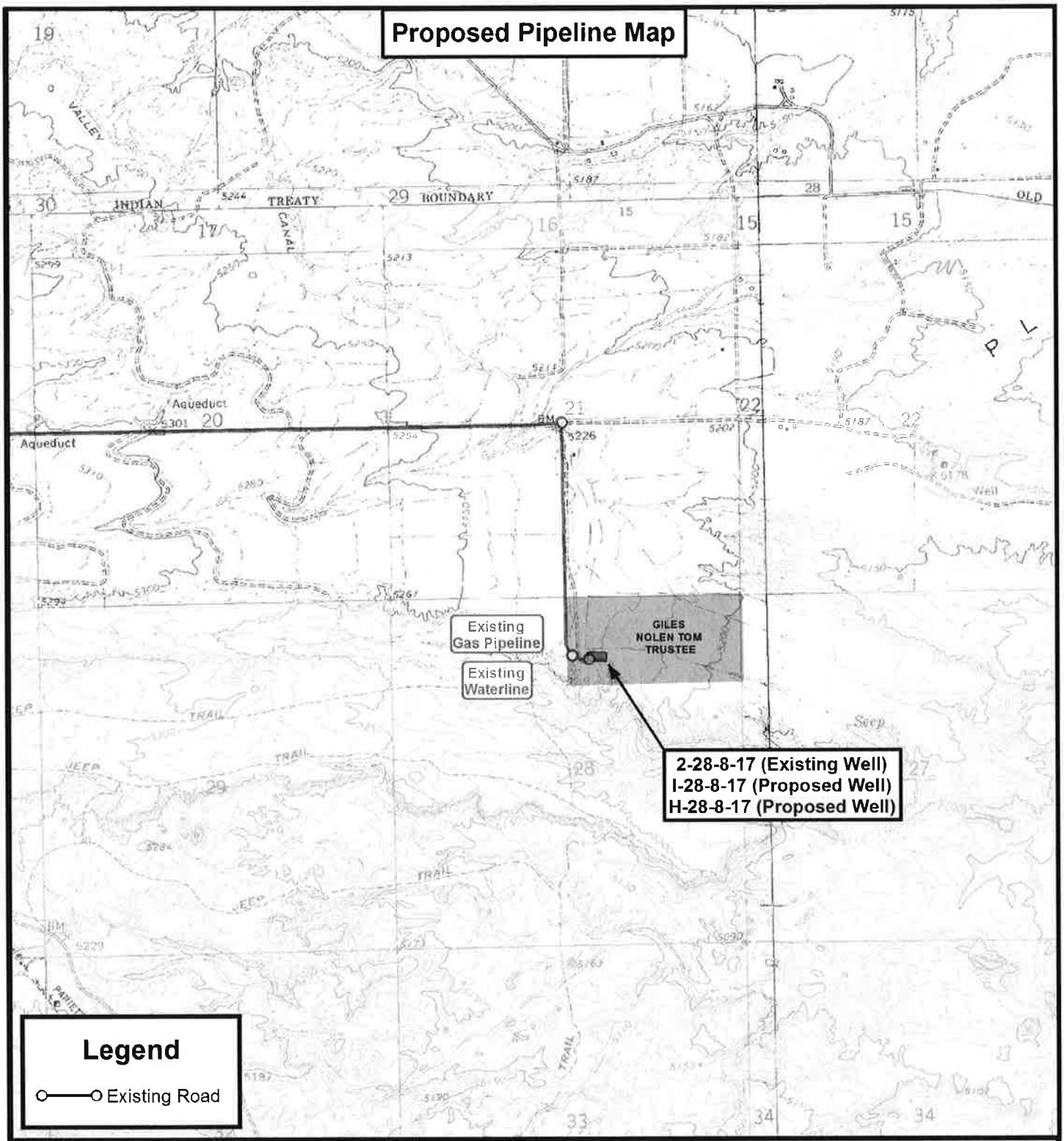
DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	06-19-2013		V2
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET B

API Well Number: 43013524910000

Proposed Pipeline Map



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

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

N

NEWFIELD EXPLORATION COMPANY

2-28-8-17 (Existing Well)
I-28-8-17 (Proposed Well)
H-28-8-17 (Proposed Well)
Sec. 28, T8S, R17E, S.L.B.&M. Duchesne County, UT.

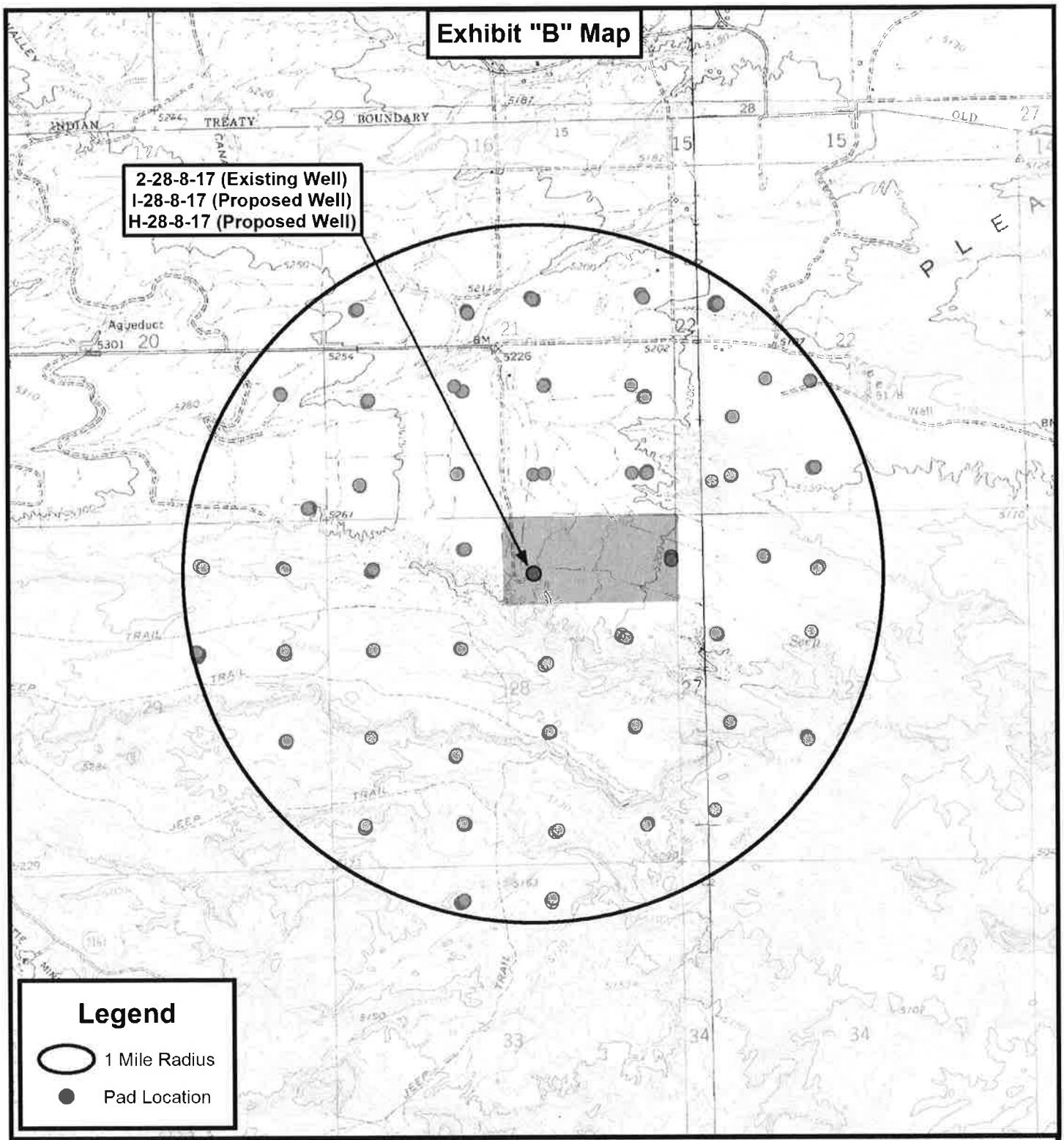
DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	06-19-2013		V2
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET C

API Well Number: 43013524910000

Exhibit "B" Map



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Sec. 28, T8S, R17E, S.L.B.&M. Duchesne County, UT.

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SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET D

API Well Number: 43013524910000

Coordinate Report

Well Number	Feature Type	Latitude (NAD 83) (DMS)	Longitude (NAD 83) (DMS)
2-28-8-17	Surface Hole	40° 05' 37.81" N	110° 00' 35.27" W
I-28-8-17	Surface Hole	40° 05' 37.67" N	110° 00' 35.47" W
H-28-8-17	Surface Hole	40° 05' 37.52" N	110° 00' 35.67" W
I-28-8-17	Center of Pattern	40° 05' 32.27" N	110° 00' 25.07" W
H-28-8-17	Center of Pattern	40° 05' 33.46" N	110° 00' 41.09" W
I-28-8-17	Bottom of Hole	40° 05' 31.01" N	110° 00' 22.65" W
H-28-8-17	Bottom of Hole	40° 05' 32.54" N	110° 00' 42.31" W

Well Number	Feature Type	Latitude (NAD 83) (DD)	Longitude (NAD 83) (DD)
2-28-8-17	Surface Hole	40.093836	110.009797
I-28-8-17	Surface Hole	40.093796	110.009853
H-28-8-17	Surface Hole	40.093756	110.009908
I-28-8-17	Center of Pattern	40.092297	110.006964
H-28-8-17	Center of Pattern	40.092627	110.011415
I-28-8-17	Bottom of Hole	40.091948	110.006292
H-28-8-17	Bottom of Hole	40.092373	110.011754

Well Number	Feature Type	Northing (NAD 83) (UTM Meters)	Longitude (NAD 83) (UTM Meters)
2-28-8-17	Surface Hole	4438641.953	584408.304
I-28-8-17	Surface Hole	4438637.478	584403.642
H-28-8-17	Surface Hole	4438633.004	584398.980
I-28-8-17	Center of Pattern	4438473.809	584651.709
H-28-8-17	Center of Pattern	4438506.207	584271.896
I-28-8-17	Bottom of Hole	4438435.691	584709.482
H-28-8-17	Bottom of Hole	4438477.712	584243.337

Well Number	Feature Type	Latitude (NAD 27) (DMS)	Longitude (NAD 27) (DMS)
2-28-8-17	Surface Hole	40° 05' 37.95" N	110° 00' 32.73" W
I-28-8-17	Surface Hole	40° 05' 37.80" N	110° 00' 32.93" W
H-28-8-17	Surface Hole	40° 05' 37.66" N	110° 00' 33.13" W
I-28-8-17	Center of Pattern	40° 05' 32.41" N	110° 00' 22.54" W
H-28-8-17	Center of Pattern	40° 05' 33.59" N	110° 00' 38.56" W
I-28-8-17	Bottom of Hole	40° 05' 31.15" N	110° 00' 20.11" W
H-28-8-17	Bottom of Hole	40° 05' 32.68" N	110° 00' 39.78" W

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NEWFIELD EXPLORATION COMPANY

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Sec. 28, T8S, R17E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	
DATE:	06-19-2013		
VERSION:	V2		

COORDINATE REPORT

SHEET 1

API Well Number: 43013524910000

Coordinate Report

Well Number	Feature Type	Latitude (NAD 27) (DD)	Longitude (NAD 27) (DD)
2-28-8-17	Surface Hole	40.093874	110.009093
I-28-8-17	Surface Hole	40.093834	110.009148
H-28-8-17	Surface Hole	40.093794	110.009203
I-28-8-17	Center of Pattern	40.092335	110.006260
H-28-8-17	Center of Pattern	40.092665	110.010710
I-28-8-17	Bottom of Hole	40.091986	110.005587
H-28-8-17	Bottom of Hole	40.092411	110.011049

Well Number	Feature Type	Northing (NAD 27) (UTM Meters)	Longitude (NAD 27) (UTM Meters)
2-28-8-17	Surface Hole	4438436.629	584470.561
I-28-8-17	Surface Hole	4438432.154	584465.899
H-28-8-17	Surface Hole	4438427.680	584461.237
I-28-8-17	Center of Pattern	4438268.485	584713.969
H-28-8-17	Center of Pattern	4438300.883	584334.154
I-28-8-17	Bottom of Hole	4438230.367	584771.744
H-28-8-17	Bottom of Hole	4438272.388	584305.595

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Sec. 28, T8S, R17E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	
DATE:	06-19-2013		
VERSION:	V2		

COORDINATE REPORT

SHEET 2

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)

October 21, 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
43-013-52485	GMBU G-27-9-15	Sec 27 T09S R15E 0470 FNL 0551 FWL BHL Sec 27 T09S R15E 1399 FNL 0940 FWL
43-013-52486	GMBU X-22-9-15	Sec 27 T09S R15E 0455 FNL 0565 FWL BHL Sec 22 T09S R15E 0044 FSL 1224 FWL
43-013-52487	GMBU H-25-9-15	Sec 25 T09S R15E 0777 FNL 2061 FWL BHL Sec 25 T09S R15E 1357 FNL 2496 FEL
43-013-52488	GMBU G-25-9-15	Sec 25 T09S R15E 0756 FNL 2061 FWL BHL Sec 25 T09S R15E 1236 FNL 0951 FWL
43-013-52489	GMBU V-20-8-17	Sec 29 T08S R17E 0632 FNL 1913 FEL BHL Sec 20 T08S R17E 0181 FSL 1173 FEL
43-013-52490	GMBU H-29-8-17	Sec 29 T08S R17E 0647 FNL 1897 FEL BHL Sec 29 T08S R17E 1541 FNL 2455 FWL
43-013-52491	GMBU I-28-8-17	Sec 28 T08S R17E 0874 FNL 2191 FEL BHL Sec 28 T08S R17E 1553 FNL 1190 FEL
43-013-52492	GMBU H-28-8-17	Sec 28 T08S R17E 0888 FNL 2206 FEL BHL Sec 28 T08S R17E 1390 FNL 2563 FWL
43-013-52494	GMBU P-22-9-16	Sec 21 T09S R16E 0657 FSL 0813 FEL BHL Sec 22 T09S R16E 1797 FSL 0118 FWL
43-013-52499	GMBU P-23-9-15	Sec 22 T09S R15E 1910 FSL 0662 FEL BHL Sec 23 T09S R15E 1089 FSL 0305 FWL

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API #	WELL NAME	LOCATION
43-013-52500	GMBU S-22-9-15	Sec 22 T09S R15E 1906 FSL 0683 FEL
		BHL Sec 22 T09S R15E 1086 FSL 1581 FEL
43-013-52501	GMBU O-23-9-15	Sec 22 T09S R15E 1831 FNL 0728 FEL
		BHL Sec 23 T09S R15E 2450 FSL 0110 FWL
43-013-52502	GMBU L-22-9-15	Sec 22 T09S R15E 1851 FNL 0734 FEL
		BHL Sec 22 T09S R15E 2488 FSL 1446 FEL
43-013-52503	GMBU P-1-9-15	Sec 02 T09S R15E 2003 FSL 0632 FEL
		BHL Sec 01 T09S R15E 1252 FSL 0190 FWL
43-013-52504	GMBU 126-6-9-17	Sec 06 T09S R17E 1836 FSL 1794 FEL
		BHL Sec 06 T09S R17E 1000 FSL 2143 FEL
43-013-52505	GMBU I-20-9-17	Sec 20 T09S R17E 0581 FNL 0801 FEL
		BHL Sec 20 T09S R17E 1665 FNL 1455 FEL
43-013-52506	GMBU F-21-9-17	Sec 20 T09S R17E 0568 FNL 0784 FEL
		BHL Sec 21 T09S R17E 1586 FNL 0263 FWL
43-013-52507	GMBU D-19-9-17	Sec 18 T09S R17E 0603 FSL 2008 FWL
		BHL Sec 19 T09S R17E 0179 FNL 1064 FWL
43-013-52508	GMBU C-19-9-17	Sec 18 T09S R17E 0610 FSL 2028 FWL
		BHL Sec 19 T09S R17E 0188 FNL 2449 FEL
43-013-52509	GMBU P-18-9-17	Sec 13 T09S R16E 0653 FSL 0640 FEL
		BHL Sec 18 T09S R17E 1598 FSL 0129 FWL
43-013-52510	GMBU D-25-9-16	Sec 24 T09S R16E 0654 FSL 2279 FWL
		BHL Sec 25 T09S R16E 0099 FNL 1001 FWL
43-013-52512	GMBU C-25-9-16	Sec 24 T09S R16E 0635 FSL 2288 FWL
		BHL Sec 25 T09S R16E 0080 FNL 2548 FEL
43-013-52513	GMBU S-21-9-16	Sec 21 T09S R16E 2010 FSL 1788 FEL
		BHL Sec 21 T09S R16E 1155 FSL 1240 FEL
43-013-52514	GMBU L-21-9-16	Sec 21 T09S R16E 2026 FSL 1774 FEL
		BHL Sec 21 T09S R16E 2433 FNL 1158 FEL
43-013-52515	GMBU Q-17-9-16	Sec 17 T09S R16E 0702 FSL 0826 FWL
		BHL Sec 17 T09S R16E 1406 FSL 1459 FWL
43-013-52516	GMBU R-17-9-16	Sec 17 T09S R16E 0789 FSL 1950 FEL
		BHL Sec 17 T09S R16E 1550 FSL 2303 FWL
43-013-52517	GMBU E-19-9-17	Sec 13 T09S R16E 0633 FSL 0632 FEL
		BHL Sec 19 T09S R17E 0182 FNL 0180 FWL
43-013-52518	GMBU S-13-9-16	Sec 13 T09S R16E 0708 FSL 1931 FEL
		BHL Sec 13 T09S R16E 1525 FSL 1236 FEL
43-013-52519	GMBU B-24-9-16	Sec 13 T09S R16E 0687 FSL 1927 FEL
		BHL Sec 24 T09S R16E 0120 FNL 1237 FEL
43-013-52520	GMBU E-28-8-17	Sec 20 T08S R17E 0197 FSL 0251 FEL
		BHL Sec 28 T08S R17E 0475 FNL 0143 FWL
43-013-52521	GMBU R-27-9-15	Sec 27 T09S R15E 0798 FSL 1816 FWL
		BHL Sec 27 T09S R15E 1448 FSL 2496 FEL
43-013-52522	GMBU P-21-8-17	Sec 20 T08S R17E 0205 FSL 0231 FEL
		BHL Sec 21 T08S R17E 1570 FSL 0065 FWL
43-013-52523	GMBU Q-27-9-15	Sec 27 T09S R15E 1791 FSL 0609 FWL
		BHL Sec 27 T09S R15E 1015 FSL 1409 FWL

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API #	WELL NAME	LOCATION
43-013-52524	GMBU D-26-9-15	Sec 23 T09S R15E 0648 FSL 0645 FWL BHL Sec 26 T09S R15E 0188 FNL 1636 FWL
43-013-52525	GMBU A-27-9-15	Sec 23 T09S R15E 0641 FSL 0625 FWL BHL Sec 27 T09S R15E 0146 FNL 0271 FEL
43-013-52526	GMBU Q-26-9-15	Sec 26 T09S R15E 0681 FSL 0646 FWL BHL Sec 26 T09S R15E 1384 FSL 1518 FWL
43-013-52527	GMBU B-22-9-15	Sec 15 T09S R15E 0567 FSL 1868 FEL BHL Sec 22 T09S R15E 0303 FNL 1250 FEL
43-013-52528	GMBU Q-1-9-15	Sec 01 T09S R15E 2078 FSL 0667 FWL BHL Sec 01 T09S R15E 1330 FSL 1416 FWL
43-013-52529	GMBU C-28-8-17	Sec 21 T08S R17E 0682 FSL 1993 FWL BHL Sec 28 T08S R17E 0134 FNL 2455 FEL
43-013-52530	GMBU C-20-9-16	Sec 17 T09S R16E 0770 FSL 1941 FEL BHL Sec 20 T09S R16E 0200 FNL 2185 FWL
43-013-52531	GMBU D-20-9-16	Sec 17 T09S R16E 0681 FSL 0821 FWL BHL Sec 20 T09S R16E 0183 FNL 1441 FWL
43-013-52539	GMBU C-16-9-17	Sec 09 T09S R17E 0642 FSL 1988 FWL BHL Sec 16 T09S R17E 0166 FNL 2342 FEL
43-013-52540	GMBU X-1-9-15	Sec 12 T09S R15E 0661 FNL 2004 FWL BHL Sec 01 T09S R15E 0447 FSL 0992 FWL
43-013-52543	GMBU U-21-9-16	Sec 21 T09S R16E 0638 FSL 0820 FEL BHL Sec 21 T09S R16E 0084 FSL 0131 FEL
43-013-52569	GMBU V-27-8-17	Sec 34 T08S R17E 0516 FNL 0714 FEL BHL Sec 27 T08S R17E 0127 FSL 1481 FEL
43-013-52570	GMBU B-28-8-17	Sec 21 T08S R17E 0617 FSL 0464 FEL BHL Sec 28 T08S R17E 0152 FNL 1476 FEL
43-013-52571	GMBU Y-26-8-17	Sec 34 T08S R17E 0492 FNL 0714 FEL BHL Sec 26 T08S R17E 0118 FSL 0171 FWL
43-013-52572	GMBU C-34-8-17	Sec 27 T08S R17E 0544 FSL 1734 FEL BHL Sec 34 T08S R17E 0141 FNL 2341 FWL
43-013-52573	GMBU J-26-9-15	Sec 25 T09S R15E 2080 FNL 0536 FWL BHL Sec 26 T09S R15E 0988 FNL 0126 FEL
43-013-52574	GMBU N-25-9-15	Sec 25 T09S R15E 2080 FNL 0557 FWL BHL Sec 25 T09S R15E 2409 FSL 1553 FWL
43-013-52575	GMBU S-27-9-15	Sec 27 T09S R15E 0639 FSL 0670 FEL BHL Sec 27 T09S R15E 1438 FSL 1663 FEL
43-013-52578	GMBU J-16-9-17	Sec 15 T09S R17E 2051 FNL 0763 FWL BHL Sec 16 T09S R17E 1141 FNL 0047 FEL
43-013-52579	GMBU J-22-9-15	Sec 23 T09S R15E 1834 FNL 0529 FWL BHL Sec 22 T09S R15E 0993 FNL 0235 FEL
43-013-52580	GMBU N-23-9-15	Sec 23 T09S R15E 1833 FNL 0550 FWL BHL Sec 23 T09S R15E 2457 FSL 1365 FWL
43-013-52581	GMBU J-12-9-15	Sec 07 T09S R16E 1992 FNL 0706 FWL BHL Sec 12 T09S R15E 1030 FNL 0144 FEL
43-013-52582	GMBU L-20-9-17	Sec 20 T09S R17E 2025 FNL 0636 FEL BHL Sec 20 T09S R17E 2539 FSL 1389 FEL

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API #	WELL NAME	LOCATION
43-013-52583	GMBU F-22-9-16	Sec 21 T09S R16E 1788 FNL 0767 FEL
		BHL Sec 22 T09S R16E 1160 FNL 0221 FWL
43-013-52584	GMBU G-22-9-16	Sec 22 T09S R16E 2299 FNL 2079 FWL
		BHL Sec 22 T09S R16E 1261 FNL 1283 FWL
43-013-52585	GMBU N-22-9-16	Sec 22 T09S R16E 2318 FNL 2070 FWL
		BHL Sec 22 T09S R16E 2499 FSL 0960 FWL
43-013-52586	GMBU O-22-9-16	Sec 21 T09S R16E 1809 FNL 0769 FEL
		BHL Sec 22 T09S R16E 2496 FSL 0103 FWL
43-047-54059	GMBU C-26-8-17	Sec 23 T08S R17E 0234 FSL 2047 FWL
		BHL Sec 26 T08S R17E 0111 FNL 2544 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: 2013.10.21 14:14:44 -06'00'

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

MCoulthard:mc:10-21-13

RECEIVED: October 22, 2013

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

Operator NEWFIELD PRODUCTION COMPANY
Well Name GMBU I-28-8-17
API Number 43013524910000 **APD No** 8634 **Field/Unit** MONUMENT BUTTE
Location: 1/4,1/4 NWNE **Sec** 28 **Tw** 8.0S **Rng** 17.0E 874 FNL 2191 FEL
GPS Coord (UTM) 584404 4438637 **Surface Owner** NOLEN T. GILES FAMILY TRUST

Participants

Corie Miller - NFX

Regional/Local Setting & Topography

This well is one of two new holes on an existing pad.
Host well is the 2-28-8-17
This location is located on the top of a bench between windy ridge and the Parriette, on the Giles alfalfa farm. The ground is currently under center pivot sprinkler and is actively in production. Host well converted to injection . I assume for flooding. The pad is not in acceptable shape and will need a consideral amount of repairs. Most of original footprint has been reclaimed by cultivation and / or taken over by noxious weed species. Off location and across a small dirt road the topography dropps off rather sharply into a mapped drainage of some size. I believe surface water is found in this feature most of the year. This is an eventual tributary to the Parriette Wetlands and Green River.

Surface Use Plan

Current Surface Use
Existing Well Pad
Agricultural

New Road Miles	Well Pad	Src Const Material	Surface Formation
0	**Width** 200 **Length** 300	Onsite	UNTA

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Productrive Agricultural cultivated lands and crops surround location.
High desert shrubland ecosystem nearby. Expected vegetation consists of black sagebrush, shadscale, Atriplex spp., mustard spp, rabbit brush, horsebrush, broom snakeweed, Opuntia spp and spring annuals.
Dominant vegetation;
Alfalfa cultivars
Wildlife;
Adjacent habitat contains forbs that may be suitable browse for deer, antelope, prairie dogs or rabbits, though none were observed. Disturbed soils onsite do not support habitat for wildlife.

RECEIVED: December 10, 2013

Soil Type and Characteristics
disturbed imported gravels and finer soils

Erosion Issues Y
Highly erodible soils

Sedimentation Issues Y

Site Stability Issues N

Drainage Diverson Required? N

Berm Required? Y
Berm needs significant repairs

Erosion Sedimentation Control Required? N

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)	100 to 200	5	
Distance to Surface Water (feet)	300 to 1000	2	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)		20	
Native Soil Type	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)	10 to 20	5	
Affected Populations			
Presence Nearby Utility Conduits	Present	15	
	Final Score	62	1 Sensitivity Level

Characteristics / Requirements
A 40’ x 80' x 8' deep reserve pit is planned in an area of cut on the northwest side of the location. A pit liner is required. Operator commonly uses a 16 mil liner with a felt underliner. Pit should be fenced to prevent entry by deer, other wildlife and domestic animals. A minimum freeboard of two feet shall be maintained at all times. Pit to be closed within one year after drilling activities are complete.

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

Other Observations / Comments

Existing well pad.
New wells I-28 and H-28-8-17 to be drilled from this location

RECEIVED: December 10, 2013

API Well Number: 43013524910000

Chris Jensen	11/19/2013
Evaluator	**Date / Time**

RECEIVED: December 10, 2013

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
8634	43013524910000	LOCKED	OW	P	No
Operator	NEWFIELD PRODUCTION COMPANY		**Surface Owner-APD**	NOLEN T. GILES FAMILY TRUST	
Well Name	GMBU I-28-8-17		**Unit**	GMBU (GRRV)	
Field	MONUMENT BUTTE		**Type of Work**	DRILL	
Location	NWNE 28 8S 17E S 874 FNL 2191 FEL GPS Coord (UTM) 584406E 4438640N				

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 reviewing and approving the proposed drilling, casing and cement programs.

Brad Hill	12/10/2013
APD Evaluator	**Date / Time**

Surface Statement of Basis

Location is proposed in a good location. Access road enters the pad from the West and continues through location. The landowner and its representative was not in attendance for the pre-site inspection.
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 unless fluids leave location where they can access and impact Parriette.
Usual construction standards of the Operator appear to be adequate for the proposed purpose as submitted. Plans lack measures for importing materials, using a geogrid or compacting native soils to improve stability. This is an existing pad.
I quickly recognize no special flora or animal species or cultural resources on site that the proposed action may harm. A riparian area can be found South. 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.

Chris Jensen	11/19/2013
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	Drainages adjacent to the proposed pad shall be diverted around the location.

RECEIVED: December 10, 2013

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	Measures (BMP's) shall be taken to protect steep slopes and topsoil pile from erosion, sedimentation and stability issues.

RECEIVED: December 10, 2013

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 9/29/2013 **API NO. ASSIGNED:** 43013524910000
WELL NAME: GMBU I-28-8-17
OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695) **PHONE NUMBER:** 435 646-4825
CONTACT: Mandie Crozier

PROPOSED LOCATION: NWNE 28 080S 170E **Permit Tech Review:** ☑
SURFACE: 0874 FNL 2191 FEL **Engineering Review:** ☐
BOTTOM: 1553 FNL 1190 FEL **Geology Review:** ☑
COUNTY: DUCHESNE
LATITUDE: 40.09382 **LONGITUDE:** -110.00983
UTM SURF EASTINGS: 584406.00 **NORTHINGS:** 4438640.00
FIELD NAME: MONUMENT BUTTE
LEASE TYPE: 1 - Federal
LEASE NUMBER: UTU-76241 **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**

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:
4 - Federal Approval - dmason
5 - Statement of Basis - bhill
15 - Directional - dmason
27 - Other - bhill

RECEIVED: December 10, 2013

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 I-28-8-17
API Well Number: 43013524910000
Lease Number: UTU-76241
Surface Owner: FEE (PRIVATE)
Approval Date: 12/10/2013

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.

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).

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

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: UTU-76241

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 I-28-8-17

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013524910000

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: 0874 FNL 2191 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 28 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: 7/14/2014	☐ 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: Pad Expansion-closed loop p

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

Newfield Exploration would like to request a pad expansion on the I-28-8-17 (2-28-8-17 Host) to accommodate the Land Owners/Farmers request to not construct in his hay field. Additionally, Newfield would like to request that this well be drilled using a closed loop pit system and a small 40'x 30'x 10' cuttings pit that will be dug within the authorized footprint.

Approved by the Utah Division of Oil, Gas and Mining
July 16, 2014
Date:
By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Heather Calder	435 646-4936	Production Technician
SIGNATURE N/A		**DATE** 7/14/2014

RECEIVED: Jul. 14, 2014

NEWFIELD EXPLORATION COMPANY

WELL PACKAGE COVER SHEET

EXISTING 2-28-8-17 PAD

PROPOSED WELLS: I-28-8-17 AND H-28-8-17

Pad Location: NWNE Section 28, T8S, R17E, S.L.B.&M.

VERSION HISTORY

VERSION:	DATE:	NOTES:
V1	03-06-13	PRELIMINARY SHAPE FILE PACKAGE
V2	06-19-13	FULL WELL PACKAGE
V3	07-08-14	CHANGED TO CLOSED LOOP SYSTEM, WELL PACKAGE UPDATED TO CURRENT STANDARDS.

SURVEYED BY: S.H.	DATE SURVEYED: 01-17-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 06-19-13	V3	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
	REVISED: F.T.M. 07-08-14		

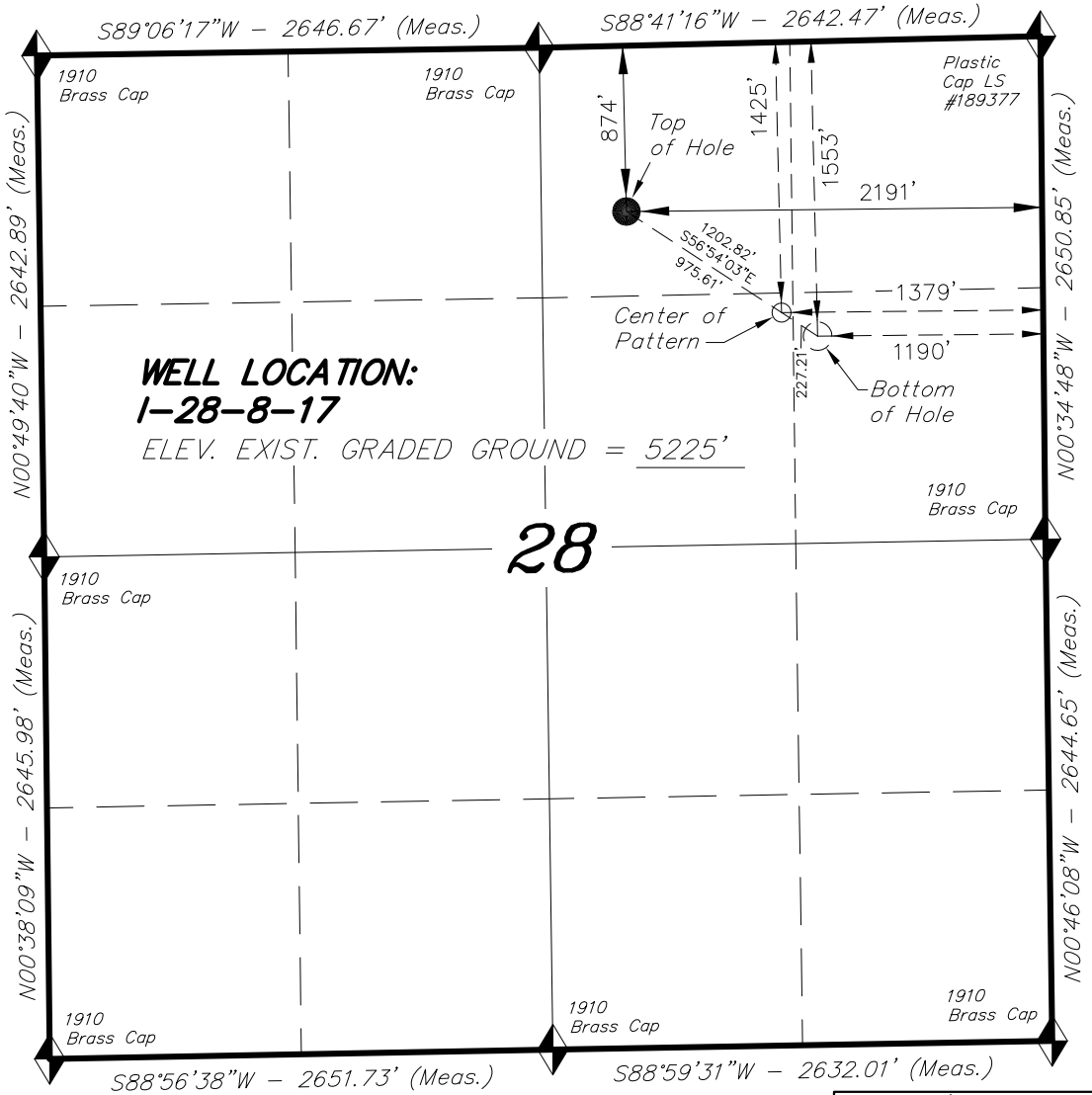
RECEIVED: Jul. 14, 2014

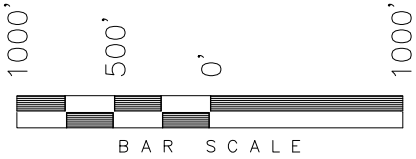
T8S, R17E, S.L.B.&M.

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, I-28-8-17, LOCATED AS SHOWN IN THE NW 1/4 NE 1/4 OF SECTION 28, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

TARGET BOTTOM HOLE, I-28-8-17, LOCATED AS SHOWN IN THE SE 1/4 NE 1/4 OF SECTION 28, 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 07-08-14 STACY W. STEWART STATE OF UTAH

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°05'37.67"	LONGITUDE = 110°00'35.47"
NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°05'37.80"	LONGITUDE = 110°00'32.93"
NAD 83 (CENTER OF PATTERN)	**NAD 83 (BOTTOM HOLE LOCATION)**
LATITUDE = 40°05'32.27"	LONGITUDE = 110°00'25.07"
LATITUDE = 40°05'31.01"	LONGITUDE = 110°00'22.65"
NAD 27 (CENTER OF PATTERN)	**NAD 27 (BOTTOM HOLE LOCATION)**
LATITUDE = 40°05'32.41"	LONGITUDE = 110°00'22.54"
LATITUDE = 40°05'31.15"	LONGITUDE = 110°00'20.11"

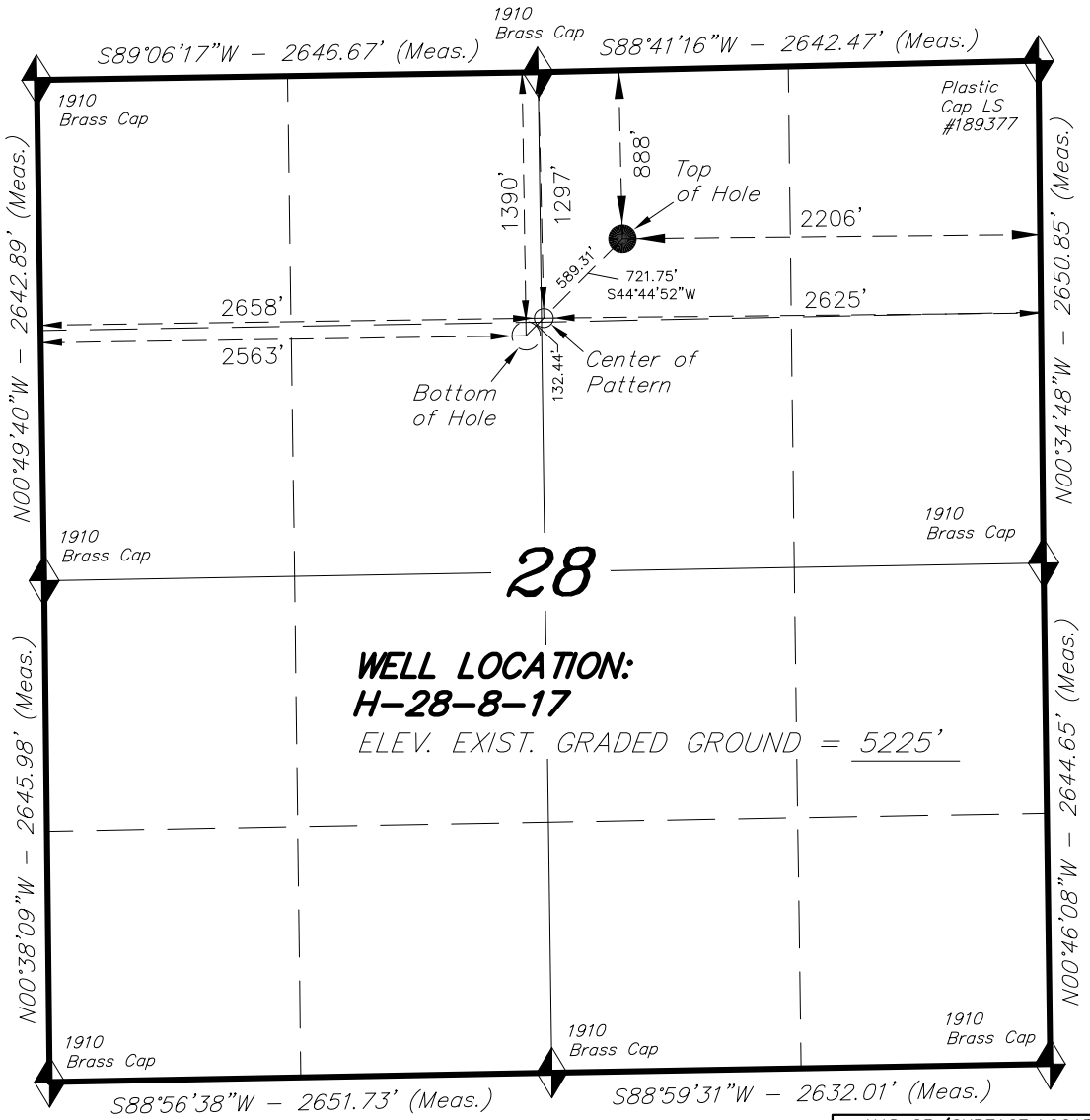
TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 01-17-13	SURVEYED BY: S.H.	VERSION:
DATE DRAWN: 06-19-13	DRAWN BY: F.T.M.	V3
REVISED: 07-08-14 F.T.M.	SCALE: 1" = 1000'	

RECEIVED: Jul. 14, 2014

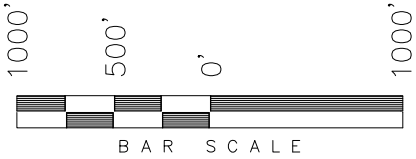
T8S, R17E, S.L.B.&M.



NEWFIELD EXPLORATION COMPANY

WELL LOCATION, H-28-8-17, LOCATED AS SHOWN IN THE NW 1/4 NE 1/4 OF SECTION 28, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

TARGET BOTTOM HOLE, H-28-8-17, LOCATED AS SHOWN IN THE SE 1/4 NW 1/4 OF SECTION 28, 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
REGISTRATION No. 189377
STATE OF UTAH

REGISTERED LAND SURVEYOR
No. 189377
07-08-14
STACY W. STEWART
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°05'37.52"	LONGITUDE = 110°00'35.67"
NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°05'37.66"	LONGITUDE = 110°00'33.13"
NAD 83 (CENTER OF PATTERN)	NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 40°05'33.46"	LONGITUDE = 110°00'41.09"
LATITUDE = 40°05'32.54"	LONGITUDE = 110°00'42.31"
NAD 27 (CENTER OF PATTERN)	NAD 27 (BOTTOM HOLE LOCATION)
LATITUDE = 40°05'33.59"	LONGITUDE = 110°00'38.56"
LATITUDE = 40°05'32.68"	LONGITUDE = 110°00'39.78"

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

DATE SURVEYED: 01-17-13	SURVEYED BY: S.H.	VERSION:
DATE DRAWN: 06-19-13	DRAWN BY: F.T.M.	V3
REVISED: 07-08-14 F.T.M.	SCALE: 1" = 1000'	

RECEIVED: Jul. 14, 2014

NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

EXISTING 2-28-8-17 PAD

PROPOSED WELLS: I-28-8-17 AND H-28-8-17

Pad Location: NWNE Section 28, T8S, R17E, S.L.B.&M.

TOP HOLE FOOTAGES

I-28-8-17
874' FNL & 2191' FEL

H-28-8-17
888' FNL & 2206' FEL

CENTER OF PATTERN FOOTAGES

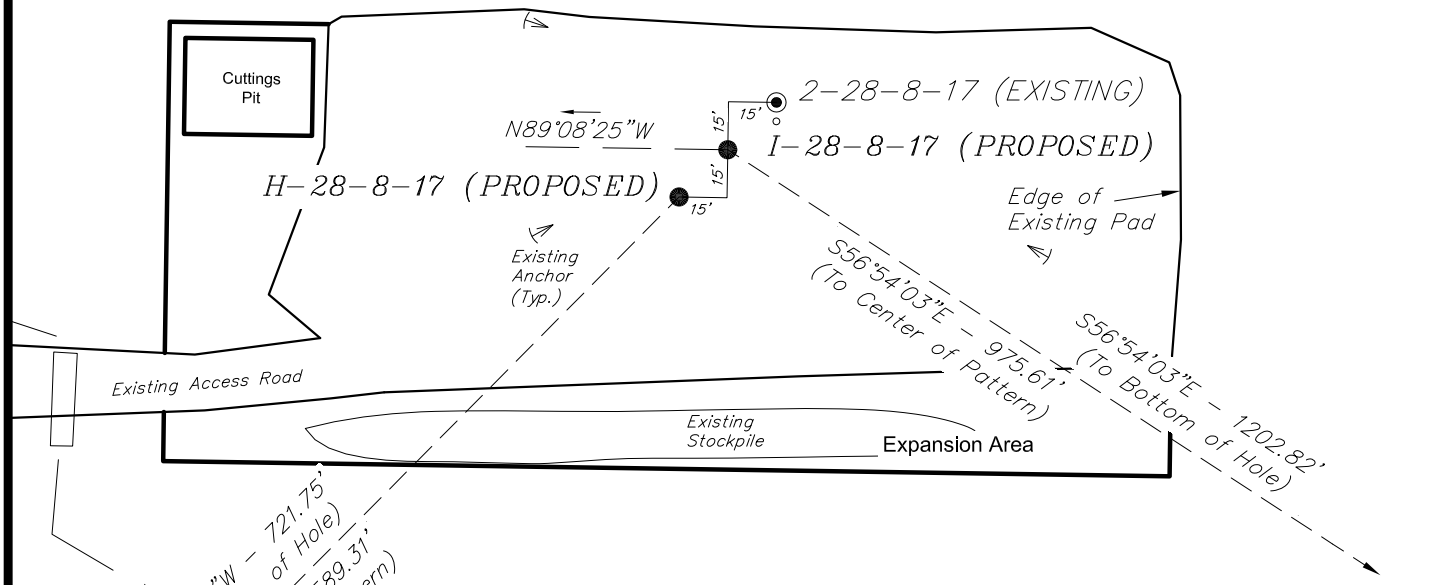
I-28-8-17
1425' FNL & 1379' FEL

H-28-8-17
1297' FNL & 2658' FWL

BOTTOM HOLE FOOTAGES

I-28-8-17
1553' FNL & 1190' FEL

H-28-8-17
1390' FNL & 2563' FWL



LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
2-28-8-17	40° 05' 37.81"	110° 00' 35.27"
I-28-8-17	40° 05' 37.67"	110° 00' 35.47"
H-28-8-17	40° 05' 37.52"	110° 00' 35.67"

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

WELL	NORTH	EAST
I-28-8-17	-533'	817'
H-28-8-17	-419'	-415'

LATITUDE & LONGITUDE
Center of Pattern (NAD 83)

WELL	LATITUDE	LONGITUDE
I-28-8-17	40° 05' 32.27"	110° 00' 25.07"
H-28-8-17	40° 05' 33.46"	110° 00' 41.09"

RELATIVE COORDINATES
From Top Hole to Bottom Hole

WELL	NORTH	EAST
I-28-8-17	-657'	1,008'
H-28-8-17	-513'	-508'

N

Note:
Bearings are based on GPS Observations.

LATITUDE & LONGITUDE
Bottom Hole Position (NAD 83)

WELL	LATITUDE	LONGITUDE
I-28-8-17	40° 05' 31.01"	110° 00' 22.65"
H-28-8-17	40° 05' 32.54"	110° 00' 42.31"

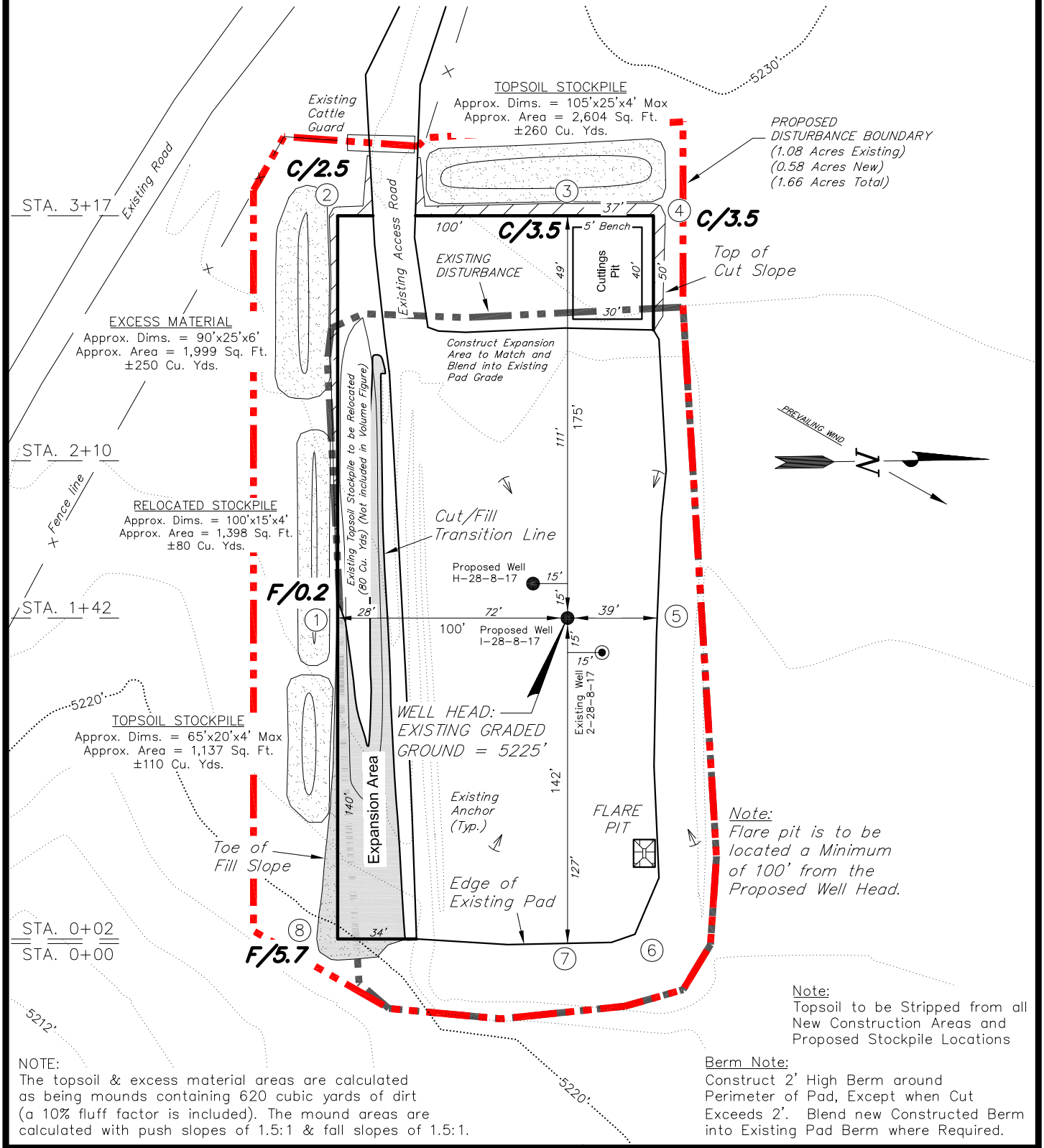
SURVEYED BY: S.H.	DATE SURVEYED: 01-17-13	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 06-19-13	V3
SCALE: 1" = 60'	REVISED: F.T.M. 07-08-14	

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

RECEIVED: Jul. 14, 2014

NEWFIELD EXPLORATION COMPANY

LOCATION LAYOUT
EXISTING 2-28-8-17 PAD
PROPOSED WELLS: I-28-8-17 AND H-28-8-17
Pad Location: NWNE Section 28, T8S, R17E, S.L.B.&M.



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

NOTE:
The topsoil & excess material areas are calculated as being mounds containing 620 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.

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.

SURVEYED BY: S.H.	DATE SURVEYED: 01-17-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 06-19-13	V3	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: F.T.M. 07-08-14		

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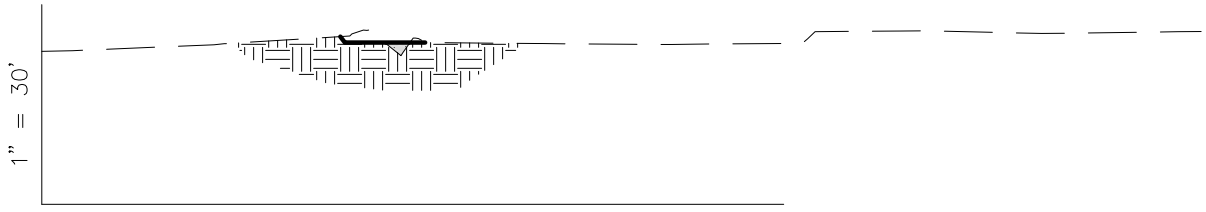
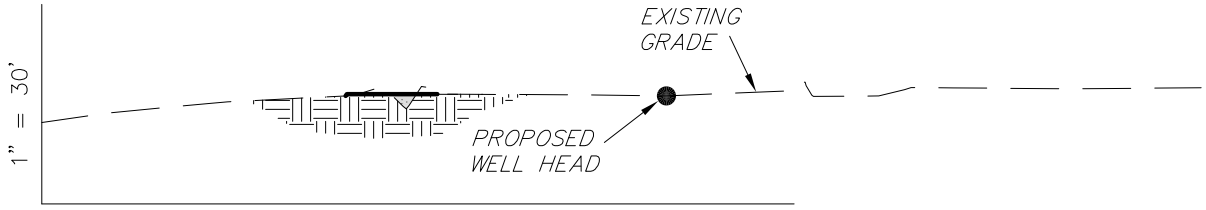
NEWFIELD EXPLORATION COMPANY

CROSS SECTIONS
EXISTING 2-28-8-17 PAD
PROPOSED WELLS: I-28-8-17 AND H-28-8-17
Pad Location: NWNE Section 28, T8S, R17E, S.L.B.&M.

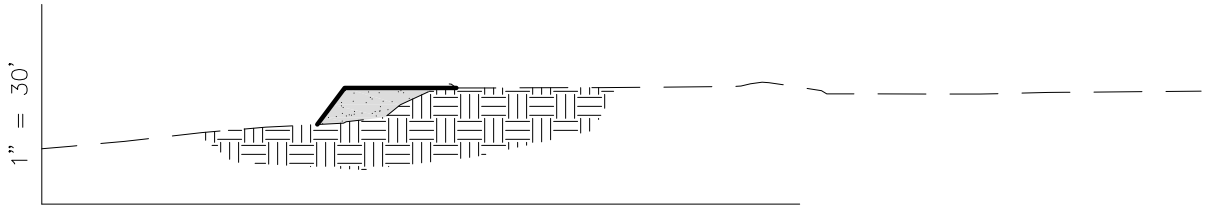
STA. 3+17



STA. 2+10



STA. 1+42



STA. 0+02

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

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

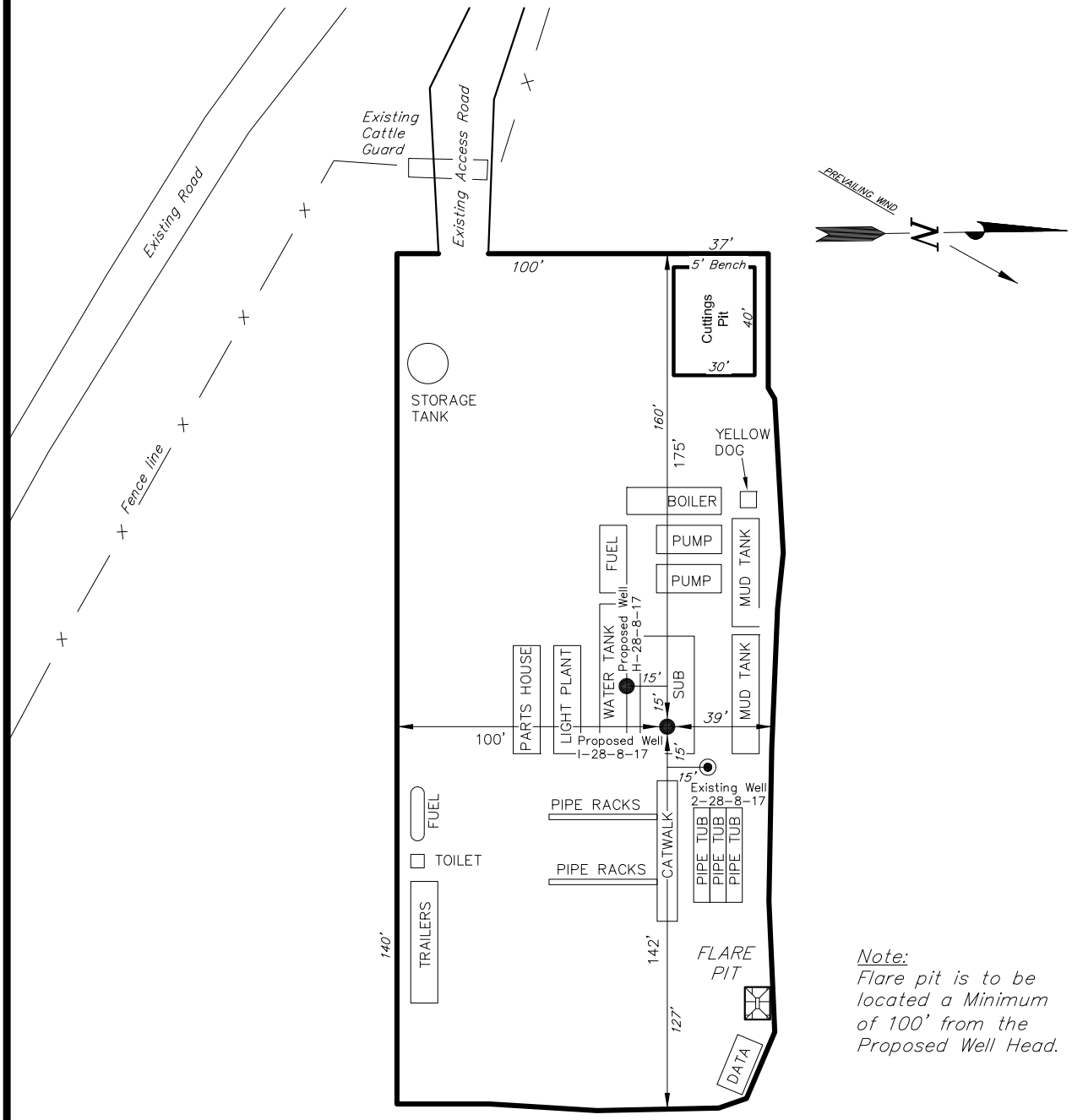
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	520	290	Topsoil is not included in Pad Cut	230
PIT	N/A	N/A		N/A
TOTALS	520	290	340	230

SURVEYED BY: S.H.	DATE SURVEYED: 01-17-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 06-19-13	V3	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: F.T.M. 07-08-14		

RECEIVED: Jul. 14, 2014

NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT
EXISTING 2-28-8-17 PAD
PROPOSED WELLS: I-28-8-17 AND H-28-8-17
Pad Location: NWNE Section 28, 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: 01-17-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 06-19-13	V3	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: F.T.M. 07-08-14		

RECEIVED: Jul. 14, 2014

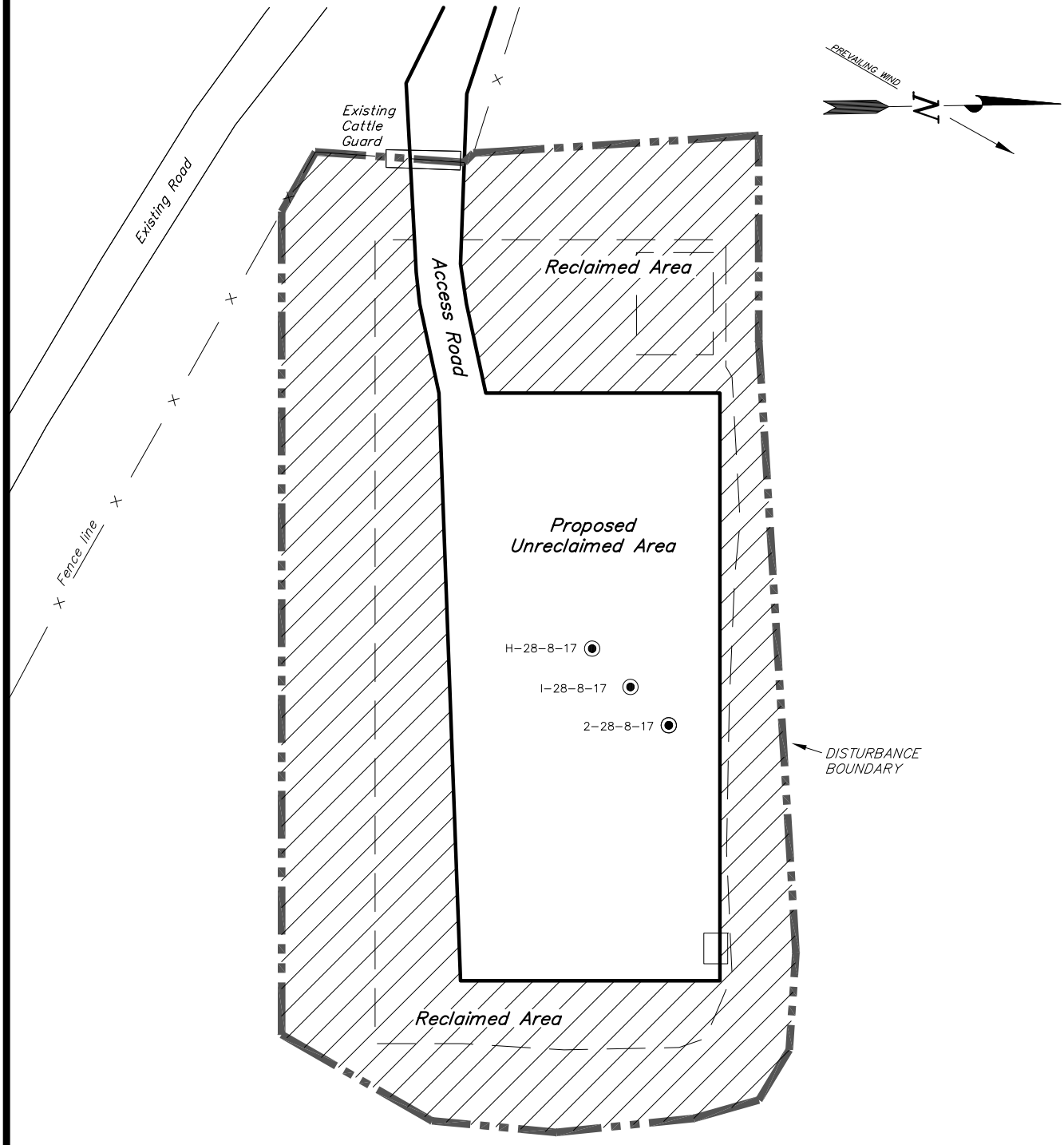
NEWFIELD EXPLORATION COMPANY

RECLAMATION LAYOUT

EXISTING 2-28-8-17 PAD

PROPOSED WELLS: I-28-8-17 AND H-28-8-17

Pad Location: NWNE Section 28, 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 = ±1.66 ACRES
TOTAL RECLAIMED AREA = ±1.06 ACRES
UNRECLAIMED AREA = ±0.60 ACRES

SURVEYED BY: S.H.	DATE SURVEYED: 01-17-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 06-19-13	V3	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: F.T.M. 07-08-14		

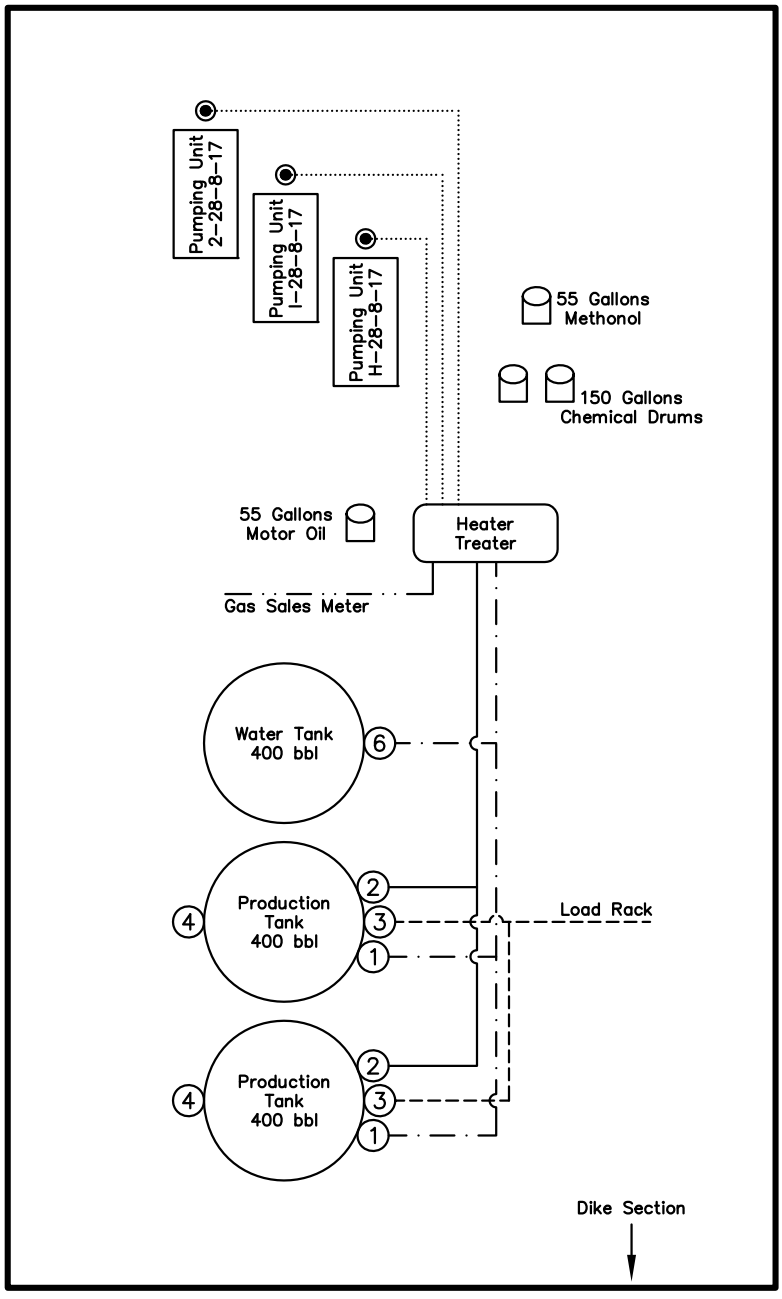
RECEIVED: Jul. 14, 2014

NEWFIELD EXPLORATION COMPANY

PROPOSED SITE FACILITY DIAGRAM

2-28-8-17 PAD
2-28-8-17 UTU-76241
I-28-8-17 UTU-76241
H-28-8-17 UTU-76241

Pad Location: NWNE Section 28, T8S, R17E, S.L.B.&M.
Duchesne County, Utah



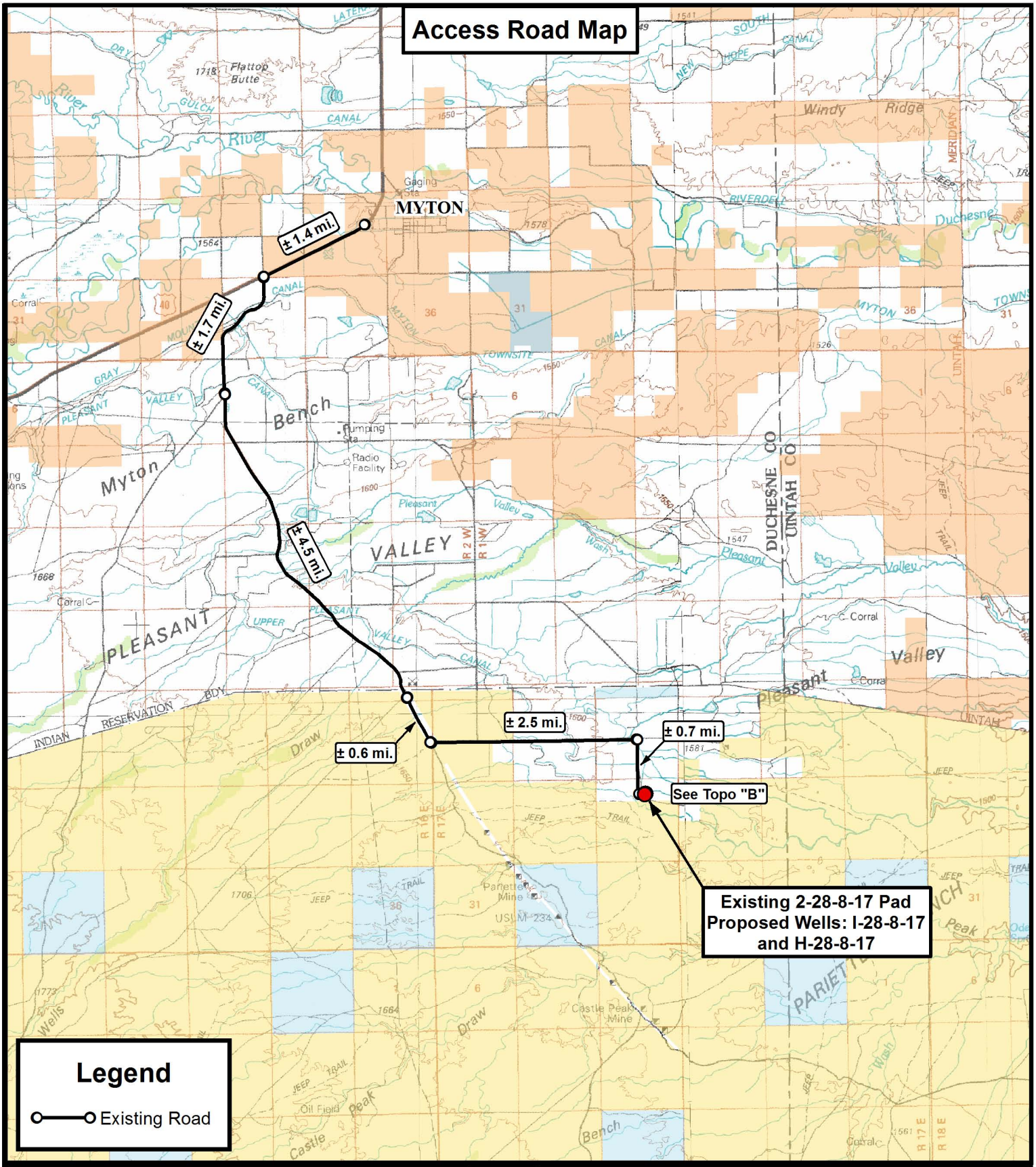
Legend

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

NOT TO SCALE

SURVEYED BY: S.H.	DATE SURVEYED: 01-17-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 06-19-13	V3	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: NONE	REVISED: F.T.M. 07-08-14		

RECEIVED: Jul. 14, 2014



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

N

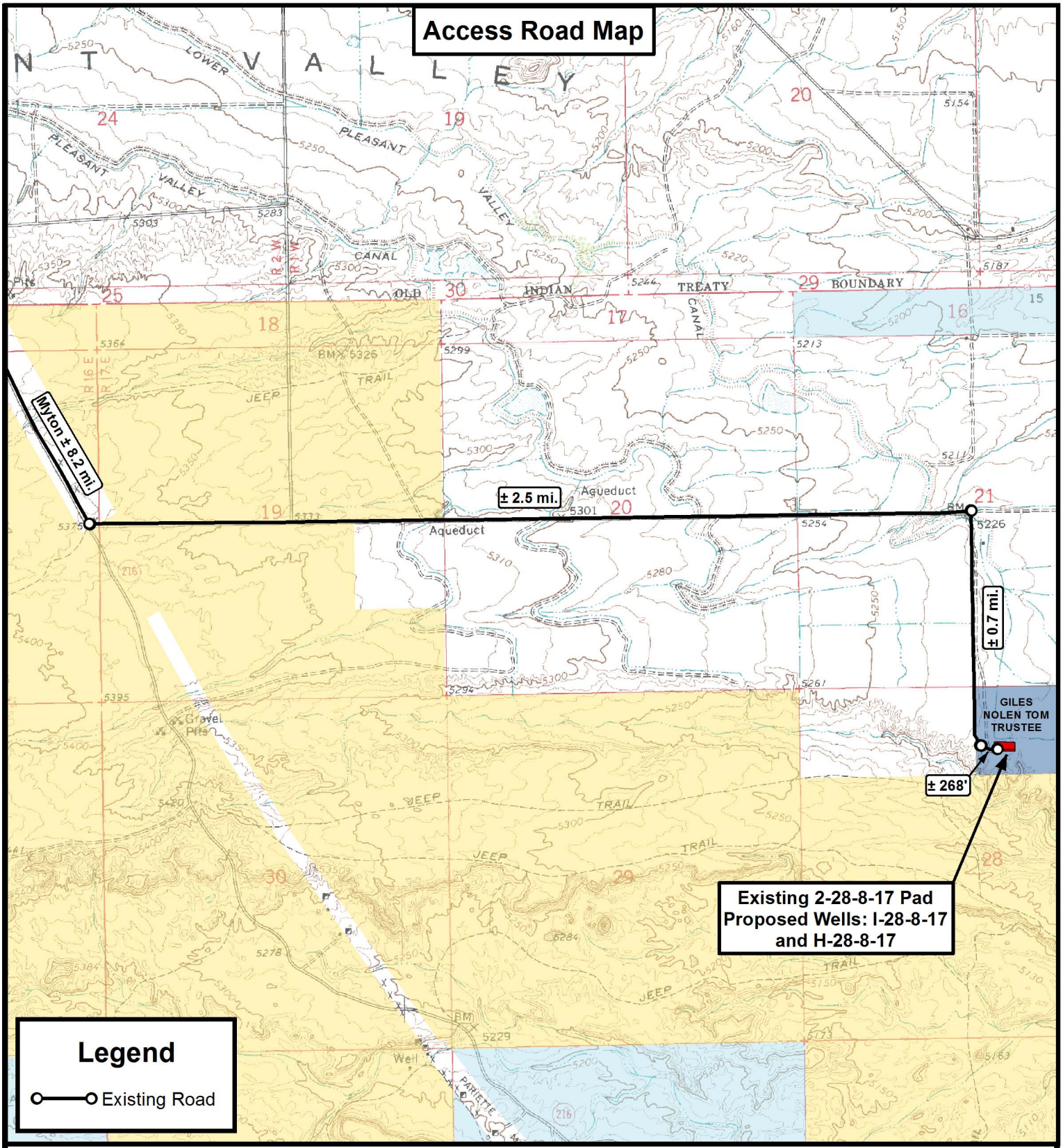
NEWFIELD EXPLORATION COMPANY

Existing 2-28-8-17 Pad
Proposed Wells: I-28-8-17 and H-28-8-17
Sec. 28, T8S, R17E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED: 07-08-14 A.P.C.	VERSION:
DATE:	06-19-2013		V3
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET
A



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: 07-08-14 A.P.C.	VERSION:
DATE:	06-19-2013		V3
SCALE:	1 " = 2,000 '		

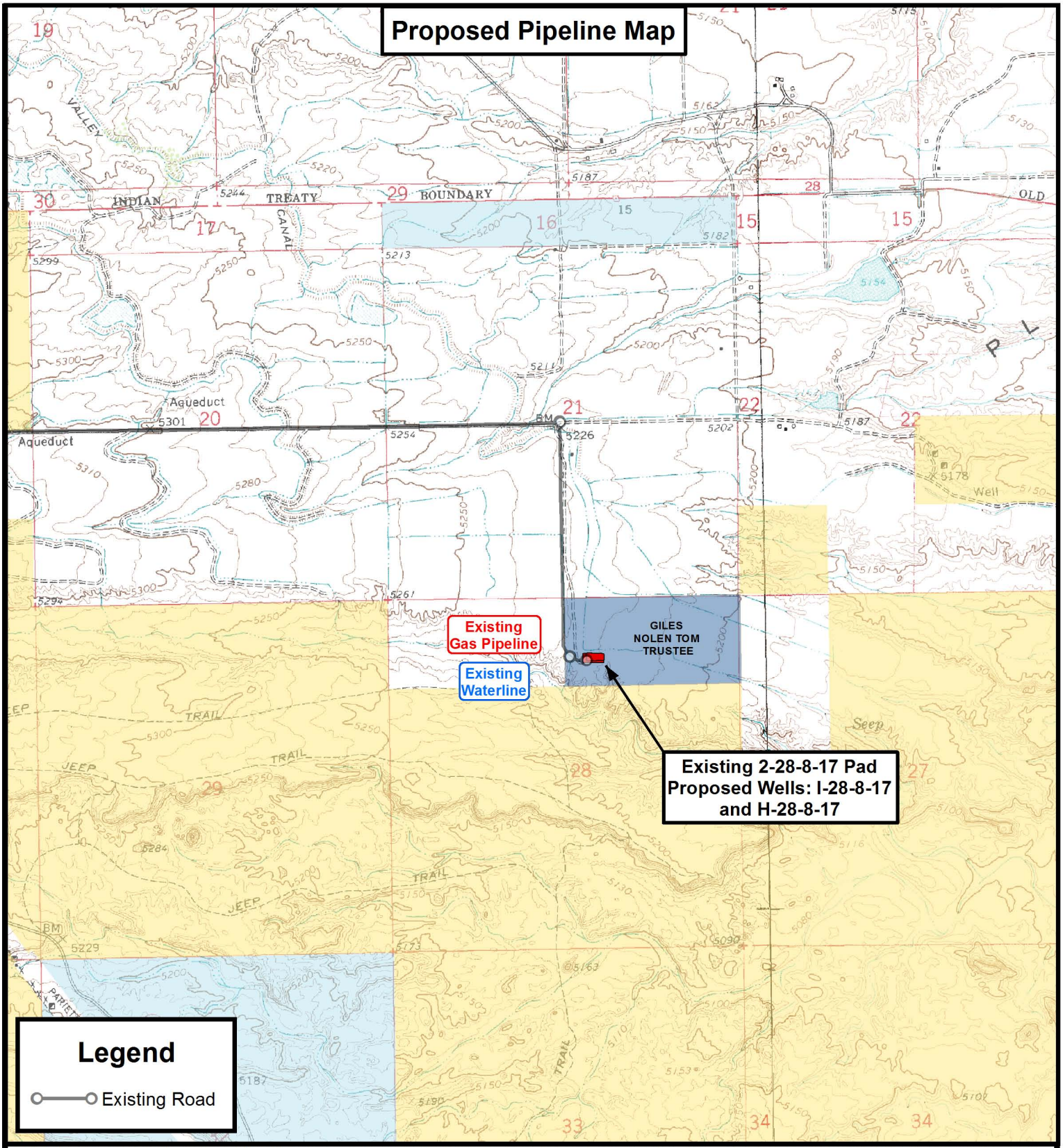
NEWFIELD EXPLORATION COMPANY

Existing 2-28-8-17 Pad
Proposed Wells: I-28-8-17 and H-28-8-17
Sec. 28, T8S, R17E, S.L.B.&M.
Duchesne County, UT.

TOPOGRAPHIC MAP

SHEET B

Proposed Pipeline Map



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

NEWFIELD EXPLORATION COMPANY

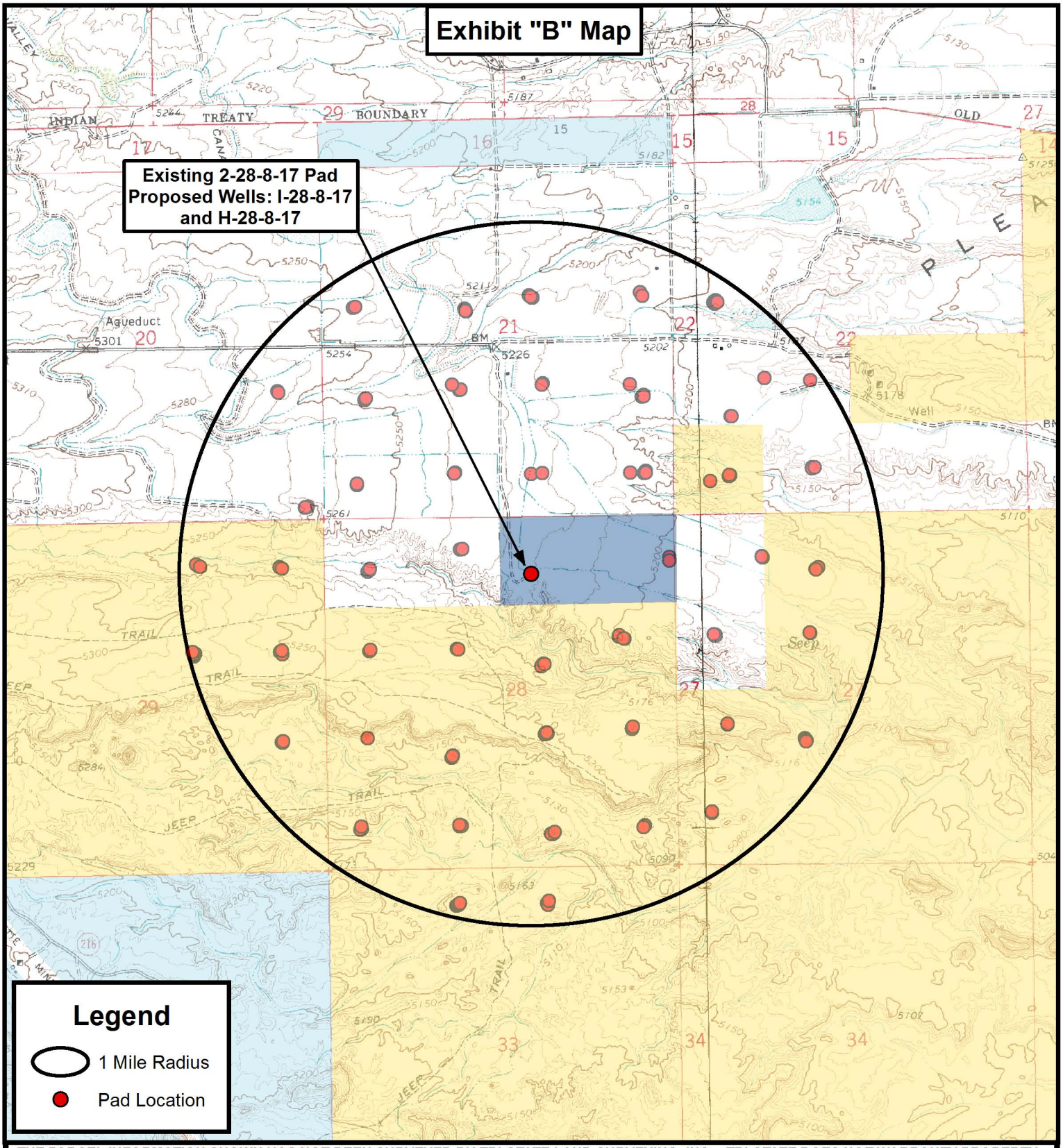
Existing 2-28-8-17 Pad
Proposed Wells: I-28-8-17 and H-28-8-17
Sec. 28, T8S, R17E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED: 07-08-14 A.P.C.	VERSION:
DATE:	06-19-2013		V3
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET C

Exhibit "B" Map



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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 2-28-8-17 Pad
Proposed Wells: I-28-8-17 and H-28-8-17
Sec. 28, T8S, R17E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED: 07-08-14 A.P.C.	VERSION:
DATE:	06-19-2013		V3
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET D

Coordinate Report

Well Number	Feature Type	Latitude (NAD 83) (DMS)	Longitude (NAD 83) (DMS)
2-28-8-17	Surface Hole	40° 05' 37.81" N	110° 00' 35.27" W
I-28-8-17	Surface Hole	40° 05' 37.67" N	110° 00' 35.47" W
H-28-8-17	Surface Hole	40° 05' 37.52" N	110° 00' 35.67" W
I-28-8-17	Center of Pattern	40° 05' 32.27" N	110° 00' 25.07" W
H-28-8-17	Center of Pattern	40° 05' 33.46" N	110° 00' 41.09" W
I-28-8-17	Bottom of Hole	40° 05' 31.01" N	110° 00' 22.65" W
H-28-8-17	Bottom of Hole	40° 05' 32.54" N	110° 00' 42.31" W

Well Number	Feature Type	Latitude (NAD 83) (DD)	Longitude (NAD 83) (DD)
2-28-8-17	Surface Hole	40.093836	110.009797
I-28-8-17	Surface Hole	40.093796	110.009853
H-28-8-17	Surface Hole	40.093756	110.009908
I-28-8-17	Center of Pattern	40.092297	110.006964
H-28-8-17	Center of Pattern	40.092627	110.011415
I-28-8-17	Bottom of Hole	40.091948	110.006292
H-28-8-17	Bottom of Hole	40.092373	110.011754

Well Number	Feature Type	Northing (NAD 83) (UTM Meters)	Longitude (NAD 83) (UTM Meters)
2-28-8-17	Surface Hole	4438641.953	584408.304
I-28-8-17	Surface Hole	4438637.478	584403.642
H-28-8-17	Surface Hole	4438633.004	584398.980
I-28-8-17	Center of Pattern	4438473.809	584651.709
H-28-8-17	Center of Pattern	4438506.207	584271.896
I-28-8-17	Bottom of Hole	4438435.691	584709.482
H-28-8-17	Bottom of Hole	4438477.712	584243.337

Well Number	Feature Type	Latitude (NAD 27) (DMS)	Longitude (NAD 27) (DMS)
2-28-8-17	Surface Hole	40° 05' 37.95" N	110° 00' 32.73" W
I-28-8-17	Surface Hole	40° 05' 37.80" N	110° 00' 32.93" W
H-28-8-17	Surface Hole	40° 05' 37.66" N	110° 00' 33.13" W
I-28-8-17	Center of Pattern	40° 05' 32.41" N	110° 00' 22.54" W
H-28-8-17	Center of Pattern	40° 05' 33.59" N	110° 00' 38.56" W
I-28-8-17	Bottom of Hole	40° 05' 31.15" N	110° 00' 20.11" W
H-28-8-17	Bottom of Hole	40° 05' 32.68" N	110° 00' 39.78" W

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

NEWFIELD EXPLORATION COMPANY

Existing 2-28-8-17 Pad
Proposed Wells: I-28-8-17 and H-28-8-17
Sec. 28, T8S, R17E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED: 07-08-14 A.P.C.	COORDINATE REPORT
DATE:	06-19-2013		SHEET 1
VERSION:	V3		

RECEIVED: Jul. 14, 2014

Coordinate Report

Well Number	Feature Type	Latitude (NAD 27) (DD)	Longitude (NAD 27) (DD)
2-28-8-17	Surface Hole	40.093874	110.009093
I-28-8-17	Surface Hole	40.093834	110.009148
H-28-8-17	Surface Hole	40.093794	110.009203
I-28-8-17	Center of Pattern	40.092335	110.006260
H-28-8-17	Center of Pattern	40.092665	110.010710
I-28-8-17	Bottom of Hole	40.091986	110.005587
H-28-8-17	Bottom of Hole	40.092411	110.011049

Well Number	Feature Type	Northing (NAD 27) (UTM Meters)	Longitude (NAD 27) (UTM Meters)
2-28-8-17	Surface Hole	4438436.629	584470.561
I-28-8-17	Surface Hole	4438432.154	584465.899
H-28-8-17	Surface Hole	4438427.680	584461.237
I-28-8-17	Center of Pattern	4438268.485	584713.969
H-28-8-17	Center of Pattern	4438300.883	584334.154
I-28-8-17	Bottom of Hole	4438230.367	584771.744
H-28-8-17	Bottom of Hole	4438272.388	584305.595

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

Existing 2-28-8-17 Pad
Proposed Wells: I-28-8-17 and H-28-8-17
Sec. 28, T8S, R17E, S.L.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED: 07-08-14 A.P.C.	COORDINATE REPORT
DATE:	06-19-2013		SHEET 2
VERSION:	V3		

RECEIVED: Jul. 14, 2014

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross 29 Submitted By Branden Arnold Phone Number 435-401-0223
Well Name/Number GMBU I-28-8-17
Qtr/Qtr NW/NE Section 28 Township 8S Range 17E
Lease Serial Number UTU-76241
API Number 43-013-52491

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

Date/Time 9/29/14 8:00 AM ☒ PM ☐

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

☒ Surface Casing
☐ Intermediate Casing
☐ Production Casing
☐ Liner
☐ Other

Date/Time 9/29/14 3:00 AM ☐ PM ☒

BOPE

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

Date/Time _____ _____ AM ☐ PM ☐

Remarks _____

BLM - Vernal Field Office - Notification Form

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☒ Surface Casing
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BOPE

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

Date/Time _____ _____ AM ☐ PM ☐

Remarks _____

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-76241

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 I-28-8-17

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013524910000

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: 0874 FNL 2191 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 28 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:	☐ 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: 10/7/2014	☐ 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.

On 10/7/14 drill and set 28' of 14" conductor. Drill f/28' to 331'KB of 12 1/4" hole. P/U and run 7 joints of 8 5/8" casing set depth 322'KB. On 10/9/14 cement with Halliburton with 155 sx of 15.8# 1.19 yield class G Neat cement. Returned 6 bbls back to pit and bumped plug to 600 psi.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
October 14, 2014

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Cherei Neilson	435 646-4883	Drilling Techinacian
SIGNATURE N/A		**DATE** 10/13/2014

RECEIVED: Oct. 13, 2014

NEWFIELD

Casing

Conductor

Legal Well Name	Wellbore Name
GMBU I-28-8-17	Original Hole

API/UWI	Surface Legal Location	Field Name	Well Type	Well Configuration Type
43013524910000	NWNE 874 FNL 2191 FEL Sec 28 T8S R17E	GMBU CTB7	Development	Slant

Well RC	County	State/Province	Spud Date	Final Rig Release Date
500350684	Duchesne	Utah		

Wellbore

Wellbore Name	Kick Off Depth (ftKB)
Original Hole	

Section Des	Size (in)	Actual Top Depth (MD) (ftKB)	Actual Bottom Depth (MD) (ftKB)	Start Date	End Date
Conductor	14	11	39	10/7/2014	10/7/2014

Wellhead

Type	Install Date	Service	Comment

Wellhead Components

Des	Make	Model	SN	WP Top (psi)

Casing

Casing Description	Set Depth (ftKB)	Run Date	Set Tension (kips)
Conductor	39	10/7/2014	

Centralizers	Scratchers

Casing Components

Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	Mk-up Tq (ft•lb)	Class	Max OD (in)
Condcutor	14	13.500	36.75	H-40	Welded	1	28.00	11.0	39.0			

Jewelry Details

External Casing Packer

Type	Setting Requirement	Release Requirements	Inflation Method	Vol Inflation (gal)	Equiv Hole Sz (in)

Inflation Fluid Type	Infl Fl Dens (lb/gal)	P AV Set (psi)	AV Acting Pressure (psi)	P ICV Set (psi)	P ICV Act (psi)	ECP Load (1000lbf)	Seal Load (1000lbf)

Slotted Liner

% Open Area (%)	Perforation Min Dimension (in)	Perforation Max Dimension (in)	Axial Perf Spacing (ft)	Perf Rows	Blank Top Length (ft)	Blank Bottom Length (ft)

Slot Description	Slot Pattern	Slot Length (in)	Slot Width (in)	Slot Frequency	Screen Gauge (ga)

Liner Hanger

Retrievable?	Elastomer Type	Element Center Depth (ft)	Polish Bore Size (in)	Polish Bore Length (ft)

Slip Description	Set Mechanics

Setting Procedure

Unsetting Procedure

RECEIVED: Oct. 13, 2014

NEWFIELD

Casing

Surface

Legal Well Name	Wellbore Name
GMBU I-28-8-17	Original Hole

API/UWI	Surface Legal Location	Field Name	Well Type	Well Configuration Type
43013524910000	NWNE 874 FNL 2191 FEL Sec 28 T8S R17E	GMBU CTB7	Development	Slant

Well RC	County	State/Province	Spud Date	Final Rig Release Date
500350684	Duchesne	Utah		

Wellbore

Wellbore Name	Kick Off Depth (ftKB)
Original Hole	

Section Des	Size (in)	Actual Top Depth (MD) (ftKB)	Actual Bottom Depth (MD) (ftKB)	Start Date	End Date
Conductor	14	11	39	10/7/2014	10/7/2014
Vertical	12 1/4	39	331	10/7/2014	10/7/2014

Wellhead

Type	Install Date	Service	Comment

Wellhead Components

Des	Make	Model	SN	WP Top (psi)

Casing

Casing Description	Set Depth (ftKB)	Run Date	Set Tension (kips)
Surface	322	10/7/2014	

Centralizers	Scratchers
3	

Casing Components

Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	Mk-up Tq (ft•lb)	Class	Max OD (in)
Wellhead	8 5/8	8.097	24.00	J-55	ST&C	1	2.00	11.0	13.0			
Cut Off	8 5/8	8.097	24.00	J-55	ST&C	1	42.11	13.0	55.1			
Casing Joints	8 5/8	8.097	24.00	J-55	ST&C	5	220.49	55.1	275.6			
Float Collar	8 5/8	8.097	24.00	J-55	ST&C	1	1.00	275.6	276.6			
Shoe Joint	8 5/8	8.097	24.00	J-55	ST&C	1	43.87	276.6	320.5			
Guide Shoe	8 5/8	8.097	24.00	J-55	ST&C	1	1.50	320.5	322.0			

Jewelry Details

External Casing Packer

Type	Setting Requirement	Release Requirements	Inflation Method	Vol Inflation (gal)	Equiv Hole Sz (in)

Inflation Fluid Type	Infl Fl Dens (lb/gal)	P AV Set (psi)	AV Acting Pressure (psi)	P ICV Set (psi)	P ICV Act (psi)	ECP Load (1000lbf)	Seal Load (1000lbf)

Slotted Liner

% Open Area (%)	Perforation Min Dimension (in)	Perforation Max Dimension (in)	Axial Perf Spacing (ft)	Perf Rows	Blank Top Length (ft)	Blank Bottom Length (ft)

Slot Description	Slot Pattern	Slot Length (in)	Slot Width (in)	Slot Frequency	Screen Gauge (ga)

Liner Hanger

Retrievable?	Elastomer Type	Element Center Depth (ft)	Polish Bore Size (in)	Polish Bore Length (ft)

Slip Description	Set Mechanics

Setting Procedure

Unsetting Procedure

RECEIVED: Oct. 13, 2014

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-76241

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 I-28-8-17

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013524910000

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: 0874 FNL 2191 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 28 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:	☐ 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: 12/2/2014	☐ 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.

The above well was placed on production on 12/02/2014 at 18:00 hours.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
December 09, 2014

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Jennifer Peatross	435 646-4885	Production Technician
SIGNATURE N/A		**DATE** 12/8/2014

RECEIVED: Dec. 08, 2014

Form 3160-4
(March 2012)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: UTU76241

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

6. If Indian, Allottee or Tribe Name:

7. Unit or CA Agreement Name and No.: UTU87538X

2. Name of Operator: NEWFIELD PRODUCTION COMPANY

8. Lease Name and Well No.: GMBU I-28-8-17

3. Address: ROUTE #3 BOX 3630, MYTON, UT 84052

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

9. API Well No.: 43-013-52491

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

At surface: 874' FNL 219' FEL (NW/NE) SEC 28 T8S R17E (UTU-76241)

10. Field and Pool or Exploratory: MONUMENT BUTTE

11. Sec., T., R., M., on Block and Survey or Area: SEC 28 T8S R17E Mer SLB

At top prod. interval reported below: 1335' FNL 1499' FEL (SW/NE) SEC 28 T8S R17E (UTU-76241)

At total depth: 1569' FNL 1185' FEL (SE/NE) SEC 28 T8S R17E (UTU-76241)

12. County or Parish: DUCHESNE

13. State: UT

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DF, RKB, RT, GL)*
10/07/2014	11/03/2014	☐ D & A ☑ Ready to Prod. 12/02/2014	5225' GL 5236' KB

18. Total Depth:	19. Plug Back T.D.:	20. Depth Bridge Plug Set:
MD 6592' TVD 6456'	MD 6528' TVD	MD TVD

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

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

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24	0'	322'		155 CLASS G			
7-7/8"	5-1/2" J-55	15.50	0'	6574'		240 Econocem		29'	
						450Expandacem			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@6386'	TA@6229'						

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	4686'	6273'	4686' - 6273'	0.34	46	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4686' - 6273'	Frac w/ 215,515#s of 20/40 white sand in 2,078 bbls of Lightning 17 fluid, in 3 stages.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/2/14	12/12/14	24	→	168	3	28			2.5 X 1.75 X 22 RHAC

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					PRODUCING

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

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

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

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

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				GARDEN GULCH MARK	4204'
				GARDEN GULCH 1	4397'
				GARDEN GULCH 2	4521'
				POINT 3	4806'
				X MRKR	5041'
				Y MRKR	5077'
				DOUGLAS CREEK MRK	5213'
				BI CARBONATE MRK	5475'
				B LIMESTONE MRK	5656'
				CASTLE PEAK	6090'
				BASAL CARBONATE	6506'
				WASATCH	6636'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☑ Directional Survey

☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☑ Other: Drilling daily activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* Heather Calder Title Regulatory Technician

Signature Heather Calder Date 12/17/2014

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

(Continued on page 3)

NEWFIELD

NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 28 T8S, R17E
i-28-8-17
Wellbore #1

Design: Actual

End of Well Report

03 November, 2014

NEWFIELD

Payzone Directional
End of Well Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well i-28-8-17
Project:	USGS Myton SW (UT)	**TVD Reference:**	i-28-8-17 @ 5236.0usft (SS # 2)
Site:	SECTION 28 T8S, R17E	**MD Reference:**	i-28-8-17 @ 5236.0usft (SS # 2)
Well:	i-28-8-17	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

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

Site	SECTION 28 T8S, R17E, SEC 28 T8S, R17E				
Site Position:		**Northing:**	7,204,800.00 usft	**Latitude:**	40° 5' 22.277 N
From:	Lat/Long	**Easting:**	2,057,000.00 usft	**Longitude:**	110° 0' 39.302 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.95 °

Well	i-28-8-17, SHL LAT: 40 05 37.67 LONG: -110 00 35.47					
Well Position	**+N/-S**	0.0 usft	**Northing:**	7,206,382.24 usft	**Latitude:**	40° 5' 37.670 N
	+E/-W	0.0 usft	**Easting:**	2,057,271.79 usft	**Longitude:**	110° 0' 35.470 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	5,236.0 usft	**Ground Level:**	5,225.0 usft

Wellbore	Wellbore #1				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	7/14/2014	10.90	65.77	52,002

Design	Actual				
Audit Notes:					
Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.0
Vertical Section:	**Depth From (TVD) (usft)**	**+N/-S (usft)**	**+E/-W (usft)**	**Direction (°)**	
	0.0	0.0	0.0	124.58	

Survey Program	**Date** 11/3/2014			
From (usft)	**To (usft)**	**Survey (Wellbore)**	**Tool Name**	**Description**
346.0	6,592.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard

NEWFIELD

Payzone Directional
End of Well Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well i-28-8-17
Project:	USGS Myton SW (UT)	**TVD Reference:**	i-28-8-17 @ 5236.0usft (SS # 2)
Site:	SECTION 28 T8S, R17E	**MD Reference:**	i-28-8-17 @ 5236.0usft (SS # 2)
Well:	i-28-8-17	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
346.0	0.44	168.09	346.0	1.0	-1.3	0.3	0.13	0.13	0.00
377.0	0.35	178.90	377.0	1.1	-1.5	0.3	0.38	-0.29	34.87
408.0	0.35	147.17	408.0	1.2	-1.7	0.4	0.62	0.00	-102.35
438.0	0.20	161.84	438.0	1.4	-1.8	0.4	0.55	-0.50	48.90
469.0	0.44	162.20	469.0	1.5	-2.0	0.5	0.77	0.77	1.16
500.0	0.44	167.57	500.0	1.7	-2.2	0.5	0.13	0.00	17.32
531.0	0.57	192.53	531.0	1.8	-2.5	0.5	0.81	0.42	80.52
561.0	0.35	207.07	561.0	1.9	-2.7	0.5	0.82	-0.73	48.47
592.0	0.22	194.46	592.0	1.9	-2.8	0.4	0.45	-0.42	-40.68
623.0	0.57	160.67	623.0	2.1	-3.0	0.4	1.31	1.13	-109.00
654.0	0.62	129.07	654.0	2.4	-3.3	0.6	1.06	0.16	-101.94
684.0	1.27	133.24	684.0	2.9	-3.6	1.0	2.18	2.17	13.90
715.0	1.80	128.37	715.0	3.7	-4.2	1.6	1.76	1.71	-15.71
746.0	2.07	118.52	746.0	4.7	-4.7	2.5	1.38	0.87	-31.77
777.0	2.64	117.34	776.9	6.0	-5.3	3.6	1.85	1.84	-3.81
807.0	2.86	116.76	806.9	7.4	-6.0	4.9	0.74	0.73	-1.93
838.0	3.12	113.20	837.9	9.0	-6.7	6.4	1.03	0.84	-11.48
869.0	3.56	117.29	868.8	10.8	-7.4	8.0	1.61	1.42	13.19
900.0	3.62	117.73	899.7	12.7	-8.3	9.7	0.21	0.19	1.42
930.0	4.00	122.17	929.7	14.7	-9.3	11.4	1.60	1.27	14.80
961.0	4.53	119.40	960.6	17.0	-10.5	13.4	1.83	1.71	-8.94
992.0	4.88	120.85	991.5	19.5	-11.8	15.6	1.19	1.13	4.68
1,023.0	5.56	119.68	1,022.4	22.4	-13.2	18.1	2.29	2.26	-4.10
1,066.0	6.42	114.87	1,065.1	26.8	-15.2	22.1	2.26	1.95	-10.95
1,110.0	7.15	116.69	1,108.8	32.0	-17.5	26.7	1.73	1.66	4.14
1,154.0	7.73	119.05	1,152.4	37.8	-20.2	31.8	1.49	1.32	5.36

NEWFIELD

Payzone Directional

End of Well Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well I-28-8-17
Project:	USGS Myton SW (UT)	**TVD Reference:**	I-28-8-17 @ 5236.0usft (SS # 2)
Site:	SECTION 28 T8S, R17E	**MD Reference:**	I-28-8-17 @ 5236.0usft (SS # 2)
Well:	I-28-8-17	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
1,198.0	8.22	118.43	1,196.0	43.7	-23.1	37.1	1.13	1.11	-1.41
1,241.0	8.39	119.71	1,238.6	49.9	-26.1	42.6	0.58	0.40	2.98
1,285.0	9.27	121.42	1,282.0	56.6	-29.6	48.4	2.09	2.00	3.89
1,329.0	10.11	121.69	1,325.4	64.0	-33.4	54.7	1.91	1.91	0.61
1,373.0	10.77	124.72	1,368.7	72.0	-37.8	61.3	1.95	1.50	6.89
1,417.0	11.65	126.21	1,411.8	80.5	-42.8	68.3	2.11	2.00	3.39
1,461.0	12.26	127.22	1,454.9	89.6	-48.2	75.6	1.47	1.39	2.30
1,504.0	13.01	125.86	1,496.8	99.0	-53.8	83.2	1.88	1.74	-3.16
1,548.0	13.80	126.43	1,539.6	109.2	-59.8	91.4	1.82	1.80	1.30
1,592.0	13.71	125.60	1,582.4	119.7	-66.0	99.9	0.49	-0.20	-1.89
1,636.0	13.60	126.08	1,625.1	130.1	-72.1	108.3	0.33	0.20	1.09
1,680.0	14.37	125.07	1,667.8	140.8	-78.4	117.1	1.41	1.30	-2.30
1,723.0	14.11	124.94	1,709.5	151.4	-84.4	125.7	0.61	-0.60	-0.30
1,767.0	14.24	125.60	1,752.1	162.2	-90.6	134.5	0.47	0.30	1.50
1,811.0	14.05	124.74	1,794.8	172.9	-96.8	143.3	0.64	-0.43	-1.95
1,855.0	13.84	125.60	1,837.5	183.6	-102.9	152.0	0.67	-0.48	1.95
1,899.0	13.49	126.08	1,880.3	193.9	-109.0	160.4	0.84	-0.80	1.09
1,942.0	12.52	125.07	1,922.1	203.8	-114.7	168.4	1.43	-1.33	-2.35
1,986.0	12.00	118.96	1,965.1	213.2	-119.8	176.4	3.65	-2.09	-13.89
2,030.0	11.73	116.37	2,008.2	222.2	-124.0	184.4	1.36	-0.61	-5.89
2,074.0	11.91	114.65	2,051.2	231.1	-127.9	192.6	0.90	0.41	-3.91
2,118.0	12.39	113.34	2,094.2	240.2	-131.6	201.0	1.26	1.09	-2.98
2,161.0	12.52	114.30	2,136.2	249.3	-135.4	209.5	0.57	0.30	2.23
2,205.0	12.03	117.40	2,179.2	258.6	-139.5	217.9	1.87	-1.11	7.05
2,249.0	11.91	115.14	2,222.3	267.6	-143.5	226.1	1.10	-0.27	-5.14
2,293.0	12.26	117.34	2,265.3	276.7	-147.6	234.4	1.31	0.80	5.00
2,337.0	12.44	118.52	2,308.3	286.1	-152.0	242.7	0.70	0.41	2.68

NEWFIELD

Payzone Directional
End of Well Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well i-28-8-17
Project:	USGS Myton SW (UT)	**TVD Reference:**	i-28-8-17 @ 5236.0usft (SS # 2)
Site:	SECTION 28 T8S, R17E	**MD Reference:**	i-28-8-17 @ 5236.0usft (SS # 2)
Well:	i-28-8-17	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
2,380.0	12.88	123.40	2,360.2	295.5	-156.8	250.7	2.69	1.02	11.35
2,424.0	13.01	124.98	2,393.1	305.3	-162.4	258.9	0.86	0.30	3.59
2,468.0	12.52	127.22	2,436.0	315.0	-168.1	266.8	1.58	-1.11	5.09
2,512.0	12.74	128.94	2,479.0	324.6	-174.0	274.3	0.99	0.50	3.91
2,556.0	13.28	128.80	2,521.8	334.5	-180.2	282.0	1.23	1.23	-0.32
2,599.0	13.54	126.73	2,563.7	344.5	-186.3	290.0	1.76	0.60	-7.14
2,643.0	12.70	122.70	2,606.5	354.6	-191.9	298.2	2.47	-1.91	-9.89
2,687.0	12.22	124.10	2,649.5	363.9	-197.1	306.2	1.29	-1.09	3.18
2,731.0	12.22	123.84	2,692.5	373.3	-202.3	313.9	0.13	0.00	-0.59
2,775.0	12.70	125.99	2,735.4	382.7	-207.8	321.7	1.52	1.09	4.89
2,819.0	13.54	126.17	2,778.3	392.7	-213.6	329.7	1.91	1.91	0.41
2,862.0	13.89	127.75	2,820.1	402.9	-219.8	337.9	1.19	0.81	3.67
2,906.0	14.24	129.51	2,862.7	413.6	-226.4	346.2	1.26	0.80	4.00
2,950.0	14.68	131.20	2,905.3	424.5	-233.6	354.6	1.39	1.00	3.84
2,994.0	15.12	133.42	2,947.9	435.7	-241.2	363.0	1.64	1.00	5.05
3,038.0	14.85	132.56	2,990.4	447.0	-248.9	371.3	0.79	-0.61	-1.91
3,082.0	13.67	130.34	3,033.0	457.7	-256.1	379.4	2.96	-2.68	-5.09
3,126.0	12.35	126.70	3,075.9	467.6	-262.3	387.1	3.53	-3.00	-8.27
3,169.0	12.26	123.66	3,117.9	476.8	-267.6	394.6	1.52	-0.21	-7.07
3,213.0	12.30	123.00	3,160.9	486.1	-272.7	402.4	0.33	0.09	-1.50
3,257.0	12.35	123.93	3,203.9	495.5	-277.9	410.3	0.47	0.11	2.11
3,300.0	13.23	124.86	3,245.8	505.0	-283.3	418.1	2.12	2.05	2.44
3,344.0	13.49	124.02	3,288.6	515.2	-289.0	426.5	0.76	0.59	-2.18
3,388.0	13.40	122.52	3,331.4	525.4	-294.7	435.0	0.82	-0.20	-3.41
3,432.0	14.12	124.53	3,374.2	535.9	-300.4	443.8	1.96	1.64	4.57
3,476.0	15.40	125.76	3,416.7	547.1	-306.9	452.9	2.99	2.91	2.80
3,520.0	15.60	126.39	3,459.1	558.8	-313.8	462.4	0.59	0.45	1.43

NEWFIELD

Payzone Directional
End of Well Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well i-28-8-17
Project:	USGS Myton SW (UT)	**TVD Reference:**	i-28-8-17 @ 5236.0usft (SS # 2)
Site:	SECTION 28 T8S, R17E	**MD Reference:**	i-28-8-17 @ 5236.0usft (SS # 2)
Well:	i-28-8-17	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
3,563.0	13.93	124.06	3,500.7	569.8	-328.1	471.4	4.12	-3.88	-5.42
3,607.0	13.26	122.19	3,543.4	580.1	-325.8	480.0	1.82	-1.52	-4.25
3,651.0	14.11	121.33	3,586.2	590.5	-331.3	488.9	1.99	1.93	-1.95
3,695.0	14.55	121.20	3,628.8	601.4	-336.9	498.2	1.00	1.00	-0.30
3,739.0	14.81	120.59	3,671.4	612.5	-342.7	507.8	0.69	0.59	-1.39
3,782.0	14.50	118.62	3,713.0	623.4	-348.0	517.2	1.42	-0.72	-4.81
3,826.0	14.19	117.03	3,755.6	634.2	-353.1	526.9	1.10	-0.70	-3.39
3,870.0	13.89	116.24	3,798.3	644.8	-357.9	536.4	0.81	-0.68	-1.80
3,914.0	14.11	117.56	3,841.0	655.3	-362.7	545.9	0.88	0.50	3.00
3,958.0	14.33	119.58	3,883.6	666.1	-367.9	555.4	1.23	0.50	4.59
4,001.0	14.94	118.30	3,925.3	676.9	-373.1	564.9	1.61	1.42	-2.98
4,045.0	15.07	120.54	3,967.8	688.2	-378.7	574.8	1.35	0.30	5.09
4,089.0	14.41	122.43	4,010.3	699.4	-384.6	584.4	1.86	-1.50	4.30
4,133.0	13.67	123.22	4,053.0	710.1	-390.4	593.3	1.74	-1.68	1.80
4,177.0	13.05	122.17	4,095.8	720.2	-395.8	601.9	1.51	-1.41	-2.39
4,220.0	12.88	123.35	4,137.7	729.9	-401.1	610.0	0.74	-0.40	2.77
4,264.0	12.39	123.36	4,180.6	739.5	-406.4	618.0	1.11	-1.11	0.00
4,308.0	12.61	122.28	4,223.6	749.0	-411.5	626.0	0.73	0.50	-2.45
4,352.0	12.70	125.16	4,266.5	758.6	-416.9	634.1	1.45	0.20	6.55
4,396.0	12.96	127.40	4,309.4	768.4	-422.6	641.9	1.26	0.59	5.09
4,440.0	13.67	126.83	4,352.2	778.5	-428.8	650.0	1.64	1.61	-1.30
4,484.0	14.37	127.44	4,394.9	789.2	-435.2	658.5	1.63	1.59	1.39
4,527.0	14.15	128.54	4,436.6	799.8	-441.7	666.9	0.81	-0.51	2.56
4,571.0	13.89	127.75	4,479.3	810.4	-448.3	675.2	0.73	-0.59	-1.80
4,615.0	13.84	126.70	4,522.0	820.9	-454.7	683.6	0.58	-0.11	-2.39
4,659.0	13.36	128.37	4,564.8	831.3	-461.0	691.8	1.41	-1.09	3.80
4,703.0	13.14	129.03	4,607.6	841.3	-467.3	699.7	0.61	-0.50	1.50

NEWFIELD

Payzone Directional

End of Well Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well I-28-8-17
Project:	USGS Myton SW (UT)	**TVD Reference:**	I-28-8-17 @ 5236.0usft (SS # 2)
Site:	SECTION 28 T8S, R17E	**MD Reference:**	I-28-8-17 @ 5236.0usft (SS # 2)
Well:	I-28-8-17	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
4,747.0	13.10	129.33	4,650.5	851.3	-473.6	707.5	0.18	-0.09	0.68
4,790.0	13.32	128.98	4,692.3	861.1	-479.8	715.1	0.54	0.51	-0.81
4,834.0	12.61	126.17	4,735.2	870.9	-485.8	722.9	2.16	-1.61	-6.39
4,878.0	11.91	125.07	4,778.2	880.3	-491.3	730.5	1.68	-1.59	-2.50
4,922.0	11.51	125.58	4,821.3	889.2	-496.5	737.7	1.15	-0.91	3.43
4,965.0	10.85	128.70	4,863.5	897.5	-501.5	744.4	1.54	-1.53	0.28
5,009.0	10.42	128.83	4,906.7	905.6	-506.3	750.9	0.98	-0.98	0.30
5,053.0	10.77	124.85	4,950.0	913.7	-511.1	757.5	1.15	0.80	-4.50
5,097.0	10.46	122.43	4,993.2	921.8	-515.6	764.2	1.23	-0.70	-5.50
5,141.0	10.55	122.62	5,036.5	929.8	-519.9	771.0	0.22	0.20	0.43
5,184.0	10.37	127.27	5,078.8	937.6	-524.3	777.4	2.01	-0.42	10.81
5,228.0	10.59	125.42	5,122.0	945.6	-528.1	783.8	0.91	0.50	-4.20
5,272.0	11.61	123.47	5,165.2	954.1	-533.8	790.8	2.26	2.09	-4.43
5,316.0	12.08	126.12	5,208.3	963.1	-539.0	798.2	1.79	1.30	6.02
5,360.0	12.30	126.48	5,251.3	972.4	-544.5	805.7	0.53	0.50	0.82
5,403.0	12.57	125.29	5,293.3	981.6	-549.9	813.2	0.87	0.63	-2.77
5,447.0	13.27	125.90	5,336.2	991.4	-555.6	821.2	1.62	1.59	1.39
5,491.0	13.05	125.77	5,379.0	1,001.5	-561.5	829.3	0.50	-0.50	-0.30
5,535.0	12.88	124.85	5,421.9	1,011.3	-567.2	837.3	0.61	-0.39	-2.09
5,579.0	12.56	123.09	5,464.8	1,021.1	-572.6	845.4	1.02	-0.50	-4.00
5,623.0	12.61	122.52	5,507.7	1,030.7	-577.8	853.5	0.31	0.11	-1.30
5,666.0	13.18	121.62	5,549.6	1,040.3	-583.0	861.6	1.37	1.33	-1.63
5,710.0	13.45	122.17	5,592.5	1,050.4	-588.3	870.2	0.64	0.61	0.80
5,754.0	14.08	125.03	5,635.2	1,060.8	-594.1	878.9	2.08	1.39	6.50
5,798.0	14.50	127.09	5,677.8	1,071.7	-600.5	887.7	1.63	1.00	4.68
5,842.0	14.72	126.96	5,720.4	1,082.8	-607.2	896.5	0.51	0.50	-0.30
5,885.0	14.72	126.87	5,762.0	1,093.7	-613.8	905.3	0.05	0.00	-0.21

NEWFIELD

Payzone Directional
End of Well Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well I-28-8-17
Project:	USGS Myton SW (UT)	**TVD Reference:**	I-28-8-17 @ 5236.0usft (SS # 2)
Site:	SECTION 28 TSS, R17E	**MD Reference:**	I-28-8-17 @ 5236.0usft (SS # 2)
Well:	I-28-8-17	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
5,929.0	13.97	126.56	5,804.6	1,104.6	-620.3	914.0	1.71	-1.70	-0.70
5,973.0	13.05	128.98	5,847.4	1,114.8	-626.6	922.2	2.45	-2.09	5.50
6,017.0	13.18	125.29	5,890.3	1,124.8	-632.6	930.1	1.93	0.30	-8.39
6,061.0	13.14	123.22	5,933.1	1,134.8	-638.2	938.4	1.07	-0.09	-4.70
6,106.0	11.38	122.61	5,977.1	1,144.4	-643.4	946.4	3.92	-3.91	-1.36
6,148.0	11.91	124.67	6,018.2	1,152.9	-648.1	953.5	1.60	1.26	4.90
6,192.0	12.30	126.81	6,061.2	1,162.1	-653.5	961.0	1.28	0.89	4.41
6,236.0	11.73	128.19	6,104.3	1,171.2	-659.1	968.2	1.50	-1.30	3.68
6,280.0	11.47	128.32	6,147.4	1,180.1	-664.5	975.2	0.59	-0.59	0.30
6,324.0	10.72	129.68	6,190.6	1,188.5	-669.9	981.8	1.81	-1.70	3.09
6,368.0	9.67	129.55	6,233.9	1,196.3	-674.8	987.8	2.39	-2.39	-0.30
6,411.0	8.57	132.15	6,276.3	1,203.0	-679.3	992.9	2.73	-2.56	6.05
6,455.0	8.26	134.83	6,319.9	1,209.4	-683.7	997.6	1.14	-0.70	6.09
6,499.0	7.29	136.50	6,363.4	1,215.2	-688.0	1,001.8	2.26	-2.20	3.80
6,535.0	6.64	134.21	6,399.2	1,219.5	-691.1	1,004.8	1.95	-1.81	-6.36
6,592.0	5.61	130.58	6,455.9	1,225.5	-695.2	1,009.3	1.93	-1.81	-6.37

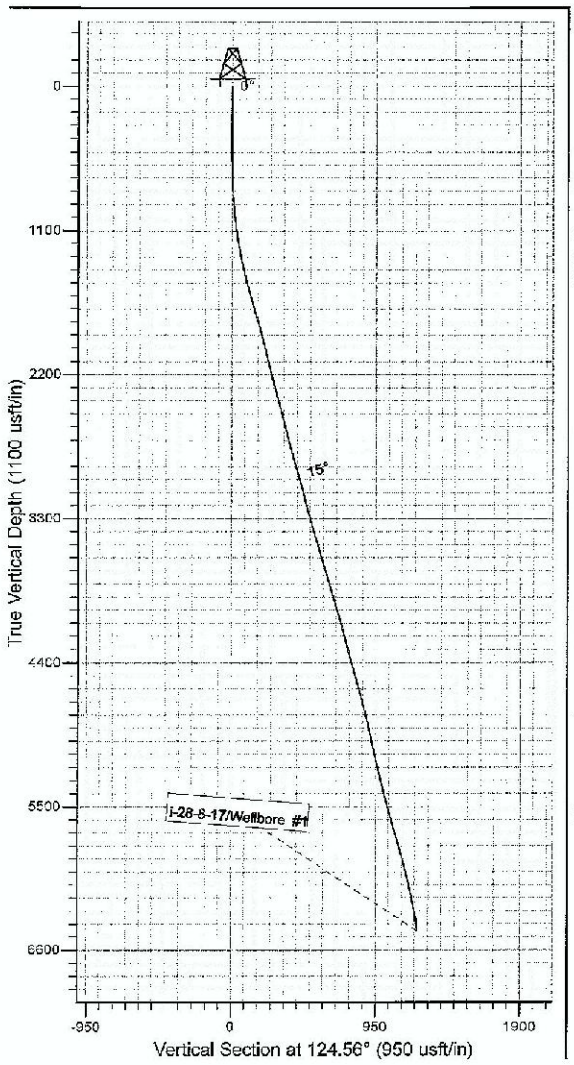
Checked By: _____ Approved By: _____ Date: _____

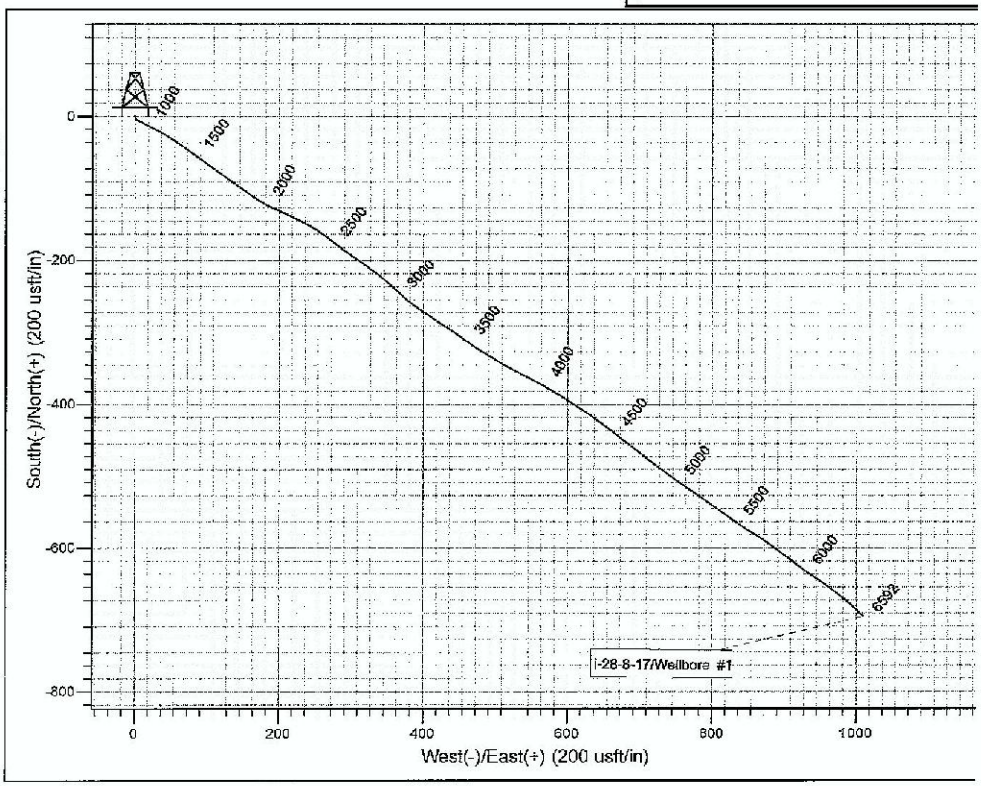
NEWFIELD

Project: USGS Myton SW (UT)
Site: SECTION 28 T8S, R17E
Well: i-28-8-17
Wellbore: Wellbore #1
Design: Actual

Azimuths to True North
Magnetic North: 10.90°

Magnetic Field
Strength: 52002.3snT
Dip Angle: 65.77°
Date: 7/14/2014
Model: IGRF2010





Design: Actual (i-28-8-17/Wellbore #1)

Created By: Matthew Linton Date: 13:14, November 03

THIS SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA

NEWFIELD

Summary Rig Activity

Well Name: GMBU I-28-8-17

Job Category	Job Start Date	Job End Date

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
11/18/2014	11/19/2014	Run CBL. Press test BOPs, Csg & Valves. Perf 1st Stage. MIRU Frac equipment.

Start Time	End Time	Comment
00:00	06:00	Shut Down for Night
06:00	06:30	Safety Meeting
06:30	07:00	MIRUWLT and Crane.
07:00	09:00	RU The Perforators WLT and Crane, MU & RIH W/ CBL tools, TAG @ 6503', PBTD @ 6528', log well w/ 0 PSI, log SJ @ 4045-4056', ECT @ 29' LD logging tools, SWI.
09:00	10:30	RU B&C TEST UNIT, TEST HYD CHAMBERS ON BOPS, TEST CSG, FRAC STACK & ALL COMPONENTS TO 250 PSI 5-MIN LOW & 4300 PSI 10 & 30-MIN HIGHS, ALL GOOD
10:30	11:30	MU & RIH W/ 3 1/8" DISPOSABLE SLICK GUNS (.34 EHD, 16 GR CHG, 21" PEN, 2 SPF), CP3, CP2, CP1, and CP.5 Formation @ 6289-73', 6193-96', 6146-48', and 6116-17' (20 HOLES), POOH W/WIRELINE, LD PERF GUNS, SWI, RD WIRELINE
11:30	11:45	Clean & Secure Lease
11:45	00:00	SDFN

Report Start Date	Report End Date	24hr Activity Summary
11/19/2014	11/20/2014	Frac well. FB to tanks. Set KP.

Start Time	End Time	Comment
00:00	06:00	Shut Down for Night
06:00	06:30	Safety Meeting
06:30	07:15	Frac stage 1, CP3, CP2, CP1, and CP.5 snds. 217 psi on well. Broke @ 2539 psi @ 2.9 BPM. No shut down to conserve water. Treated w/ ave pressure of 2418 psi @ ave rate of 38.7 BPM. Frac w/ 62,653#'s of 20/40 sand in 691 bbls of 17# gel. Pumped 500 gals of 15% HCL in flush for Stage #2. ISIP 1905, FG .74, 5min 1824, 10min 1802, 15 min 1787. 788 TBTF 933.6 BWTR.
07:15	08:15	Leave pressure on well. RU WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, perf guns. Set plug @ 5500'. Perforate C-sand formation @ 5420-24' w/ 3 1/8" slick guns (16 gram .34" EH 21.00" pen) w/ 3 spf for total of 12 shots.
08:15	08:45	Frac stage 2, C-Sand formation. 1587 psi on well. Broke @ 1726 psi @ 1.9 BPM. No shut down to conserve water. Treated w/ ave pressure of 2254 psi @ ave rate of 24.6 BPM. Pumped 500 gals of 15% HCL in flush for Stage #3. Frac w/ 54,675#'s of 20/40 sand in 544.6 bbls of 17# gelled fluid. ISIP 1823, FG .77, 5min 1589, 10min 1545, 15 min 1538. 621 TF2R 1554.6 BWTR.
08:45	09:45	RU WLT, crane & lubricator. RIH w/Weatherford 5-1/2" 5K composite flow through frac plug, perf guns. Set plug @ 4850'. Perforate GB6, and GB4 sands @ 4772-76', 4750-52', and 4686-87' w/ 3 1/8" slick guns (16 gram .34" EH 21.00" pen) w/ 2 spf for total of 14 shots. POOH and lay down tools.
09:45	10:30	Frac stage 3, GB6 and GB4 snds. 1301 psi on well. Broke @ 1504 psi @ 1.7 BPM. No shut down to save water. Treated w/ ave pressure of 2075 psi @ ave rate of 29.1 BPM. Frac w/ 98,187#'s of 20/40 sand in 806.1 bbls of 17# gelled fluid. ISIP 1988, FG .86, 5min 1831, 10min 1582, 15 min 1465. 929.8 TF2R 2484.4 BWTR.

NEWFIELD

Summary Rig Activity

Well Name: GMBU I-28-8-17

Start Time	End Time	Comment
10:30	16:45	Waited to Frac the H-28-8-17 in order to open flow back.
16:45	19:45	Flowed the well back @ 2-3 BPM for 3 hours and died. No oil to surface. Recovered 160 bbls. 2324.4 BLTR
19:45	20:00	Clean & Secure Lease
20:00	00:00	Shut Down for Night

Report Start Date	Report End Date	24hr Activity Summary
11/20/2014	11/21/2014	Waiting on Construction to finish flow line. RIH to set KP. BO to tanks.

Start Time	End Time	Comment
00:00	08:15	Shut Down for Night
08:15	08:30	Safety Meeting
08:30	09:30	MIRUHO to pump 30 bbls dwn csg. HO pressured out at 4200 psi and 20 bbls hot water. Flow back 20 bbls back to the FB tank. RDMOI tO.
09:30	13:30	MIRUWLT and crane to RIH and set KP @ '4630. Plug set good. Went to pull off plug and pulled over 2000#. Worked tools up to 4649' and stopped moving. BO well to pit and called Gary Dietz to pull out of rope socket. WL pulled out @ 4100#. RDMOWLT and crane.
13:30	14:00	Clean & Secure Lease
14:00	00:00	Shut Down for Night

Report Start Date	Report End Date	24hr Activity Summary
11/21/2014	11/22/2014	ND Frac vlv, NU DO stack, PT BOPS, set pipe racks and unload tbg.

Start Time	End Time	Comment
00:00	08:00	Shut Down for Night
08:00	08:30	Safety Meeting
08:30	09:45	Spot pipe racks,
09:45	11:15	MIRU RMT crane truck and ND frac vlv, NU WFD DO stack.
11:15	13:15	MIRU B&C test unit. Test hyd chambers on DO stack & all components to 250 psi. 5-min low & 5000 psi, 10 & 30-min highs. All tested good. Charts recorded and put in well file.
13:15	13:45	Clean & Secure Lease
13:45	00:00	Shut Down for Night

Report Start Date	Report End Date	24hr Activity Summary
11/24/2014	11/25/2014	MIRUWOR, tally pipe and RIH w/fishing tools to tag up on sand at 4362.8'. RU pump and hardline. Catch circ and pump to make sure pmup package is reliable and string is clear. Pull 5 stands. Drain pump and lines. Wrap WH and heat. SDFN.

Start Time	End Time	Comment
00:00	07:30	Shut Down for Night
07:30	08:00	Safety Meeting
08:00	09:30	MIRUWOR.

NEWFIELD

Summary Rig Activity

Well Name: GMBU I-28-8-17

Start Time	End Time	Comment
09:30	11:00	R/U FLOOR, TONGS, PREP TBG, TALLIE/ DRIFT TBG
11:00	15:00	M U & RIH W/ OVERSHOT. OVERSHOT EXT. 2 3/8 X 2 7/8 X-O, ALLIONCE LBS, ALLIONCE JAR, 2 7/8 X 2 3/8 X-O. PUP JT 2 7/8.TAGGED SAND J I 134.
15:00	16:30	R/U HARD LINE, CIRC 50 BBLS
16:30	17:00	POOH WITH 10 JTS.
17:00	17:30	TARP AND COVERD WELL, DRIANED HARDLINE.
17:30	17:45	Clean & Secure Lease
17:45	00:00	Shut Down for Night

Report Start Date	Report End Date	24hr Activity Summary
11/25/2014	11/26/2014	Catch circulation. Wash over and catch fish. POOH and laydown fish. Lay down fishing tools. RIH w/drill string to 4530'. PU and RU pwr swvl, drain pump and lines, tarp up and heat WH. SDFN.

Start Time	End Time	Comment
00:00	06:30	Shut Down for Night
06:30	07:00	Safety Meeting
07:00	07:30	CHECK PSI TBG 0 CSG 0, PUT TOGETHER HARD LINE, OPEN WELL.
07:30	12:00	WASHED THROUGH 90' OF FILL & LATCHED ONTO FISH AT 4551', CIRCULATED WELL CLEAN 150 BBLS.
12:00	14:30	POOH WITH 137 JTS, LAYED DOWN FISHING TOOLS, LAYED DOWN FISH.
14:30	16:00	MADE UP BIT AND BIT SUB, RIH WITH 137 JTS
16:00	16:30	RIG UP POWER SWIVEL
16:30	17:00	DRIANED HARD LINE/PUMP, TARPED WELL AND HEAT FOR NIGHT.
17:00	17:15	Clean & Secure Lease
17:15	00:00	Shut Down for Night

Report Start Date	Report End Date	24hr Activity Summary
11/26/2014	11/27/2014	DOCO to PBTD. Circ cln and trip out of the hole with 110 jnts. SWIFN.

Start Time	End Time	Comment
00:00	06:30	Shut Down for Night
06:30	07:00	Safety Meeting
07:00	07:30	CHECK PSI TBG 0 CSG 0, RIG UP HARDLINE
07:30	13:30	TAGGED FILL AT 4850' CLEANED OUT 50' OF FILL TAGGED KP AT 4630, 30 MIN DRILL OUT TIME, 400 PSI, TAGGED FILL AT 4830' CLEANED OUT 20' OF FILL TAGGED 1ST PLUG 4850', 30 MIN DRILL, TIME 1200 PSI, TAGGED FILL AT 5440' CLEANED OUT 60' OF FILL TAGGED 2ND PLUG AT 5500' 45 MIN DRILL TIME 400 PSI, TAGGED FILL AT 6428, CLEANED OUT 100' OF FILL TO P.B @ 6528.

NEWFIELD

Summary Rig Activity

Well Name: GMBU I-28-8-17

Start Time	End Time	Comment
13:30	15:30	CIRC CLEAN, RACKED OUT POWER SWIVEL
15:30	16:30	POOH WITH 110 JTS
16:30	17:30	DRAIN PUMP AND HARD LINE TARP WELL
17:30	18:00	Clean & Secure Lease
18:00	00:00	Shut Down for Night

Report Start Date	Report End Date	24hr Activity Summary
12/1/2014	12/2/2014	Cont. rnd tripping for production string. ND BOPS, NU WH.

Start Time	End Time	Comment
00:00	06:30	Shut Down for Night
06:30	07:00	Safety Meeting
07:00	08:30	CSG 800 PSI, TBG 800 PSI, R.U HARD LINE & PUMPED 50 BBL DOWN TBG, BLED CSG DOWN TO FLOW BACK TANK.
08:30	10:00	POOH W/ 60 JOINTS 2 7/8" J-55.
10:00	13:00	TBG & CSG STARTED FLOWING W/ 12 JOINTS IN, BULL HEAD 140 BBL DOWN TBG.
13:00	15:30	M.U & RIH W/ P.V, 2 JOINTS 2 7/8" J-55, D.S, 4' PUP, 1 JOINT 2 7/8" J-55, S.N, 1 JOINT 2 7/8" J-55, TAC, 188 JOINTS 2 7/8" J-55, TBG STARTED FLOWING 20 JOINTS IN. PUMPED 10 BBL KILL DOWN TBG
15:30	17:00	R.D TONGS & FLOOR, N.D BOPS, SET TAC W/ 18,000 TENSION, NU WH
17:00	18:00	DRAIN PUMP & LINES, TARP WH
18:00	18:30	Clean & Secure Lease
18:30	00:00	Shut Down for Night

Report Start Date	Report End Date	24hr Activity Summary
12/2/2014	12/3/2014	Run pump and rods. RDMOWOR. POP well.

Start Time	End Time	Comment
00:00	06:30	Shut Down for Night
06:30	07:00	Safety Meeting
07:00	09:00	FLUSHED TBG W/ 40 BBL, N.U D.O STACK ON H-28-8-17, XO TO ROD EQUIP, SPOT ROD TRAILER
09:00	12:30	P.U & PRIME PUMP, M.U & RIH W/ 2 1/2" X 1 3/4" X 22' RHAC PUMP, 30 7/8" 8 PER, 60 3/4" 4 PER, 40 7/8" 8 PER, 38 3/4" 4 PER, 81 7/8" 8 PER, 7/8" X 4' 2' PONYS, 30' POLISH ROD
12:30	14:00	FILL TBG W/ 10 BBL, S.T PUMP TO 800 PSI, HANG HEAD, 145" S.L, PWO @ 14:00, COULDN'T GET UNIT TO THROTTLE, HAD TO BRIDLE HEAD TO HANG IT.
14:00	14:15	Clean & Secure Lease

NEWFIELD

Summary Rig Activity

Well Name: GMBU I-28-8-17

Start Time	End Time	Comment
14:15	00:00	