

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

FORM 3

AMENDED REPORT

<b>APPLICATION FOR PERMIT TO DRILL</b>		<b>1. WELL NAME and NUMBER</b> GMBU K-14-9-17
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>		<b>3. FIELD OR WILDCAT</b> EIGHT MILE FLAT
<b>4. TYPE OF WELL</b> Oil Well      Coalbed Methane Well: NO		<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b> GMBU (GRRV)
<b>6. NAME OF OPERATOR</b> NEWFIELD PRODUCTION COMPANY		<b>7. OPERATOR PHONE</b> 435 646-4825
<b>8. ADDRESS OF OPERATOR</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. OPERATOR E-MAIL</b> mcozler@newfield.com
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> UTU-39713	<b>11. MINERAL OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>	
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>		<b>12. SURFACE OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>		<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>		<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>
<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		<b>19. SLANT</b> VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	2121 FSL 815 FWL	NWSW	13	9.0 S	17.0 E	S
Top of Uppermost Producing Zone	2483 FSL 272 FWL	NWSW	13	9.0 S	17.0 E	S
At Total Depth	2428 FNL 259 FEL	SENE	14	9.0 S	17.0 E	S

<b>21. COUNTY</b> DUCHESENE	<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 259	<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 20
<b>27. ELEVATION - GROUND LEVEL</b> 5148	<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completion)</b> 765	<b>26. PROPOSED DEPTH</b> MD: 5877 TVD: 5700
	<b>28. BOND NUMBER</b> WYB000493	<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 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 - 587	15.5	J-55 LT&C	8.3	Premium Lite High Strength	268	3.26	11.0
							50/50 Poz	363	1.24	14.3

**ATTACHMENTS**

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

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

<b>NAME</b> Heather Calder	<b>TITLE</b> Production Technician	<b>PHONE</b> 435 646-4936
<b>SIGNATURE</b>	<b>DATE</b> 10/16/2014	<b>EMAIL</b> hcalder@newfield.com
<b>API NUMBER ASSIGNED</b> 43013531750000		<b>APPROVAL</b>

NEWFIELD PRODUCTION COMPANY  
 GMBU K-14-9-17  
 AT SURFACE: NW/SW SECTION 13, T9S R17E  
 UINTAH COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

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

Uinta	0' – 1,184'	
Green River	1,184'	
Wasatch	5,842'	
<b>Proposed TD</b>	5,877' (MD)	5,700' (TVD)

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

Green River Formation (Oil)      1,184' – 5,842'

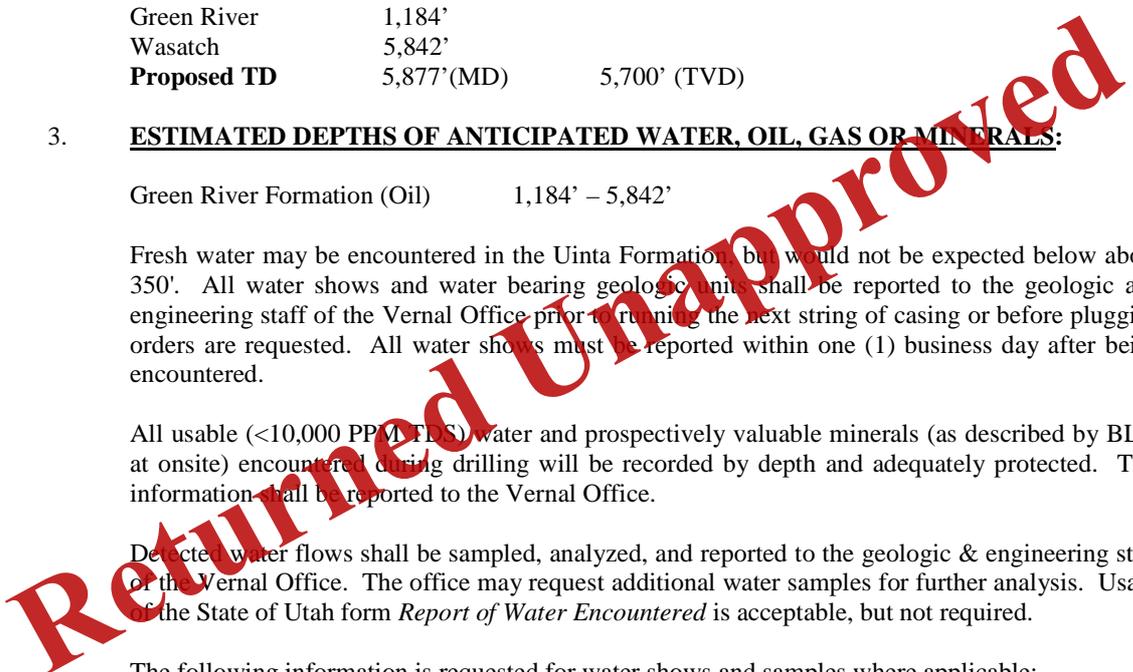
Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. 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 <sub>3</sub> ) (mg/l)
Dissolved Bicarbonate (NaHCO <sub>3</sub> ) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO <sub>4</sub> ) (mg/l)	Dissolved Total Solids (TDS) (mg/l)



4. **PROPOSED CASING PROGRAM**

a. **Casing Design: GMBU K-14-9-17**

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'	5,877'	15.5	J-55	LTC	4,810 2.57	4,040 2.16	217,000 2.38

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 K-14-9-17**

Job	Fill	Description	Sacks	OH Excess*	Weight (ppg)	Yield (ft <sup>3</sup> /sk)
			ft <sup>3</sup>			
Surface casing	300'	Class G w/ 2% CaCl	138	30%	15.8	1.17
			161			
Prod casing Lead	3,877'	Prem Lite II w/ 10% gel + 3% KCl	268	30%	11.0	3.26
			873			
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363	30%	14.3	1.24
			451			

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

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

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

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

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

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

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

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

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

From surface to  $\pm 300$  feet will be drilled with an air/mist system. The air rig is equipped with a 6 1/2" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about  $\pm 300$  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. The fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 TDS. 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 completion of this well. Furthermore, no extremely hazardous substances, as defined in 40 C.F.R. 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion 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 PBSD to cement top. No drill stem testing or coring is planned for this well.

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

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

bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

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

It is anticipated that the drilling operations will commence the second quarter of 2015, and take approximately seven (7) days from spud to rig release.

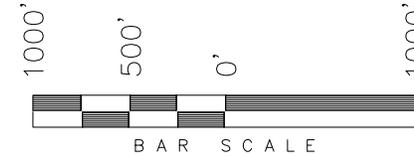
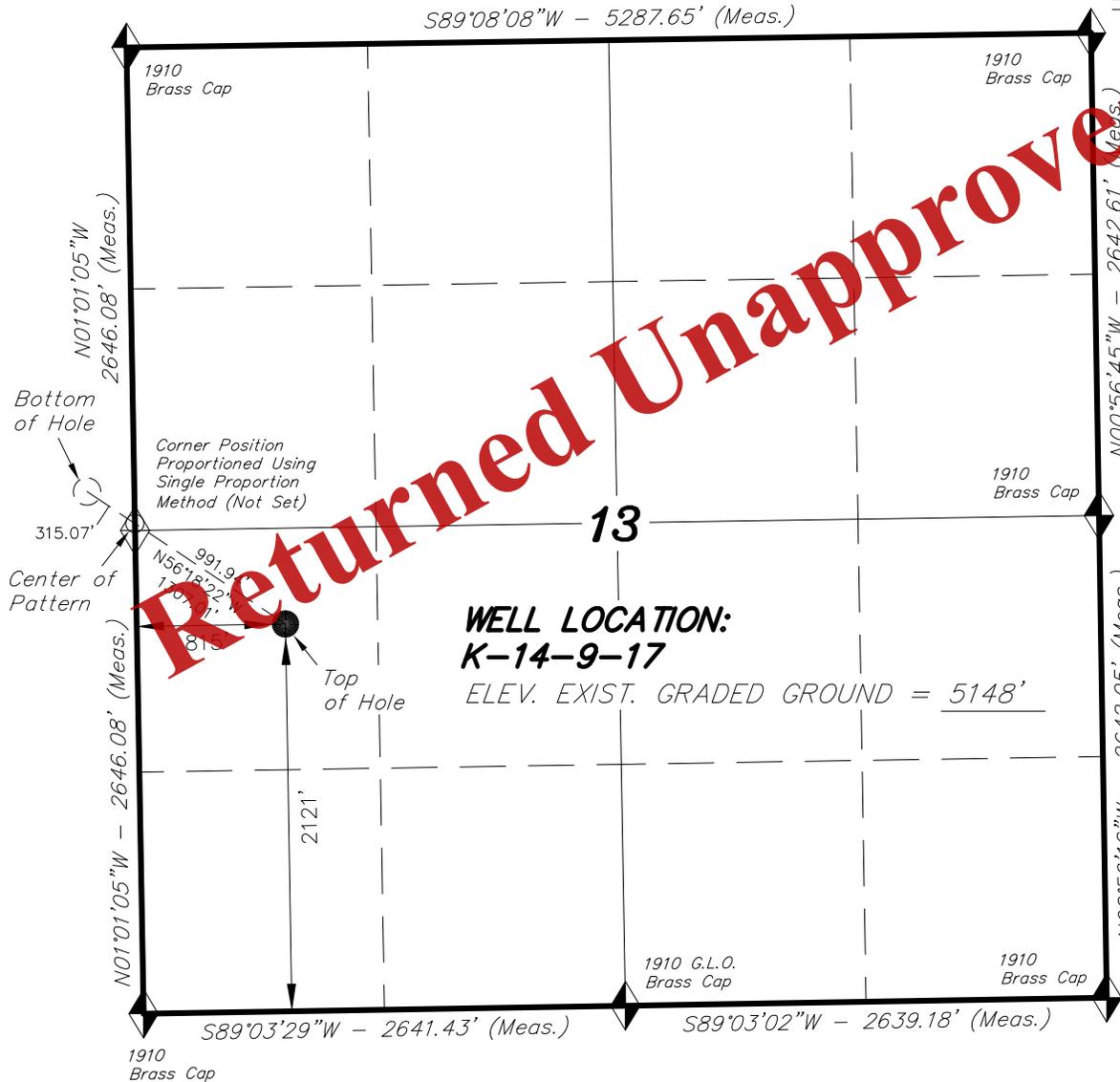
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# T9S, R17E, S.L.B.&M.

589°08'08"W - 5287.65' (Meas.)

# NEWFIELD EXPLORATION COMPANY

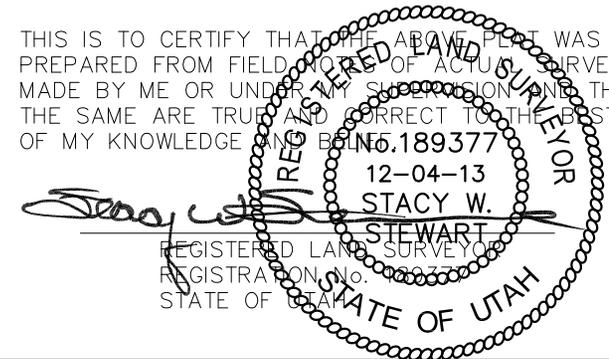
WELL LOCATION, K-14-9-17,  
LOCATED AS SHOWN IN THE NW 1/4  
SW 1/4 OF SECTION 13, T9S, R17E,  
S.L.B.&M. UTAH COUNTY, UTAH.



**NOTES:**

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

THIS IS TO CERTIFY THAT THE ABOVE 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.



◆ = 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'

<b>NAD 83 (SURFACE LOCATION)</b>
LATITUDE = 40°01'46.15"
LONGITUDE = 109°57'41.45"
<b>NAD 27 (SURFACE LOCATION)</b>
LATITUDE = 40°01'46.28"
LONGITUDE = 109°57'38.91"

## TRI STATE LAND SURVEYING & CONSULTING

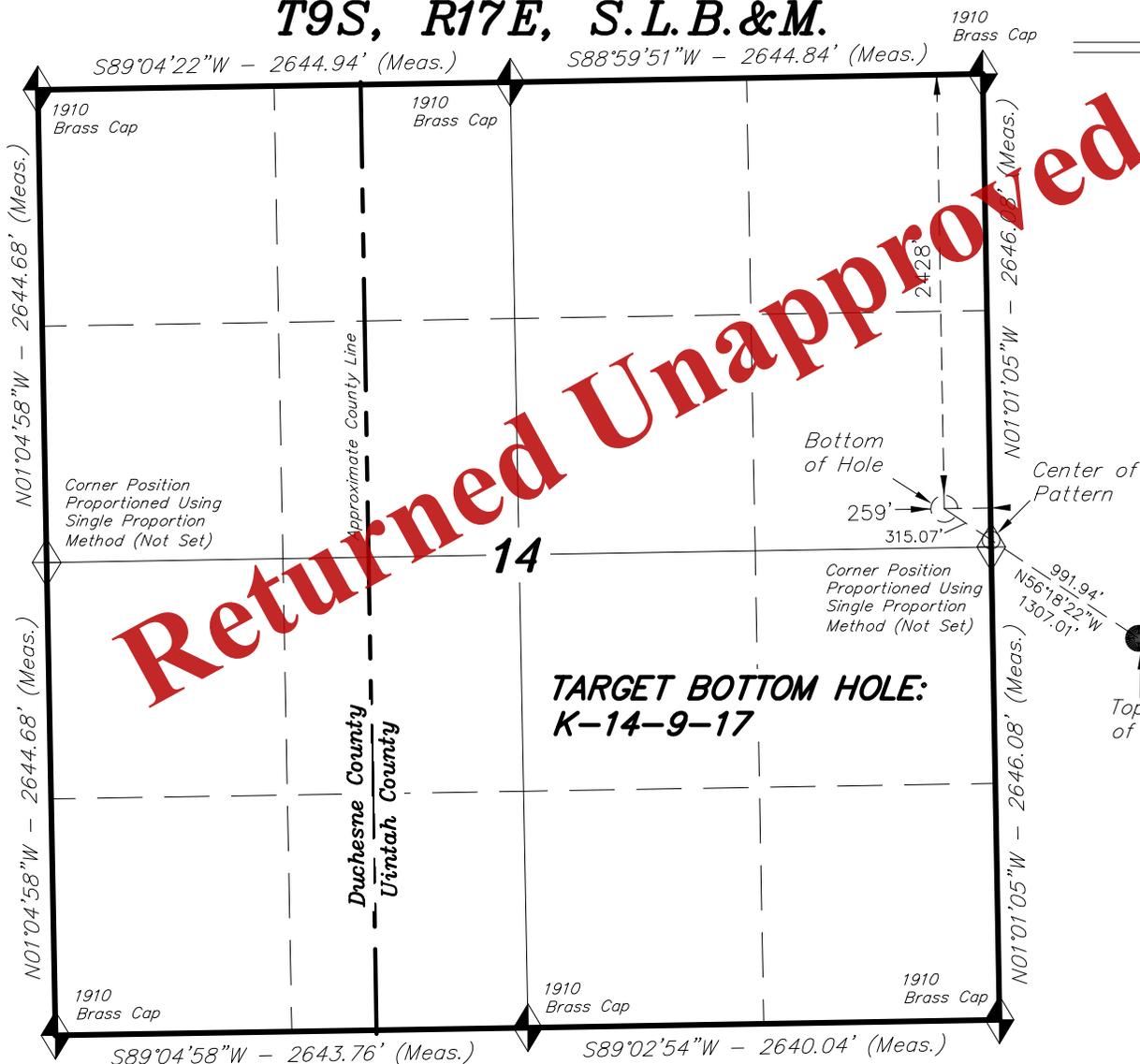
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

DATE SURVEYED: 11-13-13	SURVEYED BY: S.H.	VERSION:
DATE DRAWN: 12-04-13	DRAWN BY: V.H.	V1
REVISED:	SCALE: 1" = 1000'	

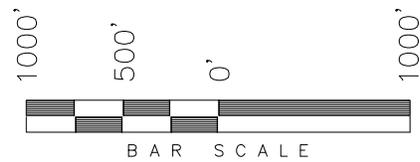
Received: October 16, 2014

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

# NEWFIELD EXPLORATION COMPANY

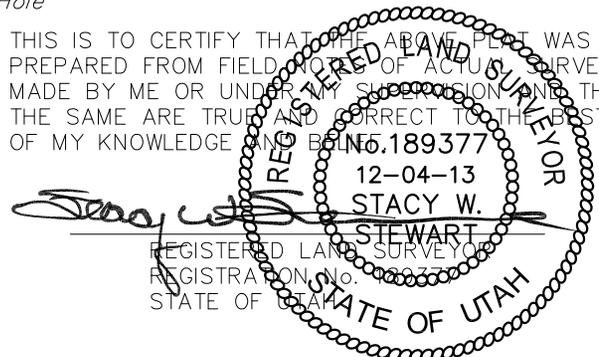


TARGET BOTTOM HOLE, K-14-9-17, LOCATED AS SHOWN IN THE SE 1/4 NE 1/4 OF SECTION 14, T9S, R17E, S.L.B.&M. UTAH COUNTY, UTAH.



- NOTES:**
1. Well footages are measured at right angles to the Section Lines.
  2. Bearings are based on Global Positioning Satellite observations.
  3. The Center of Pattern footages are 2685' FSL & 0' FEL. (2607' FNL)

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◆ = 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'

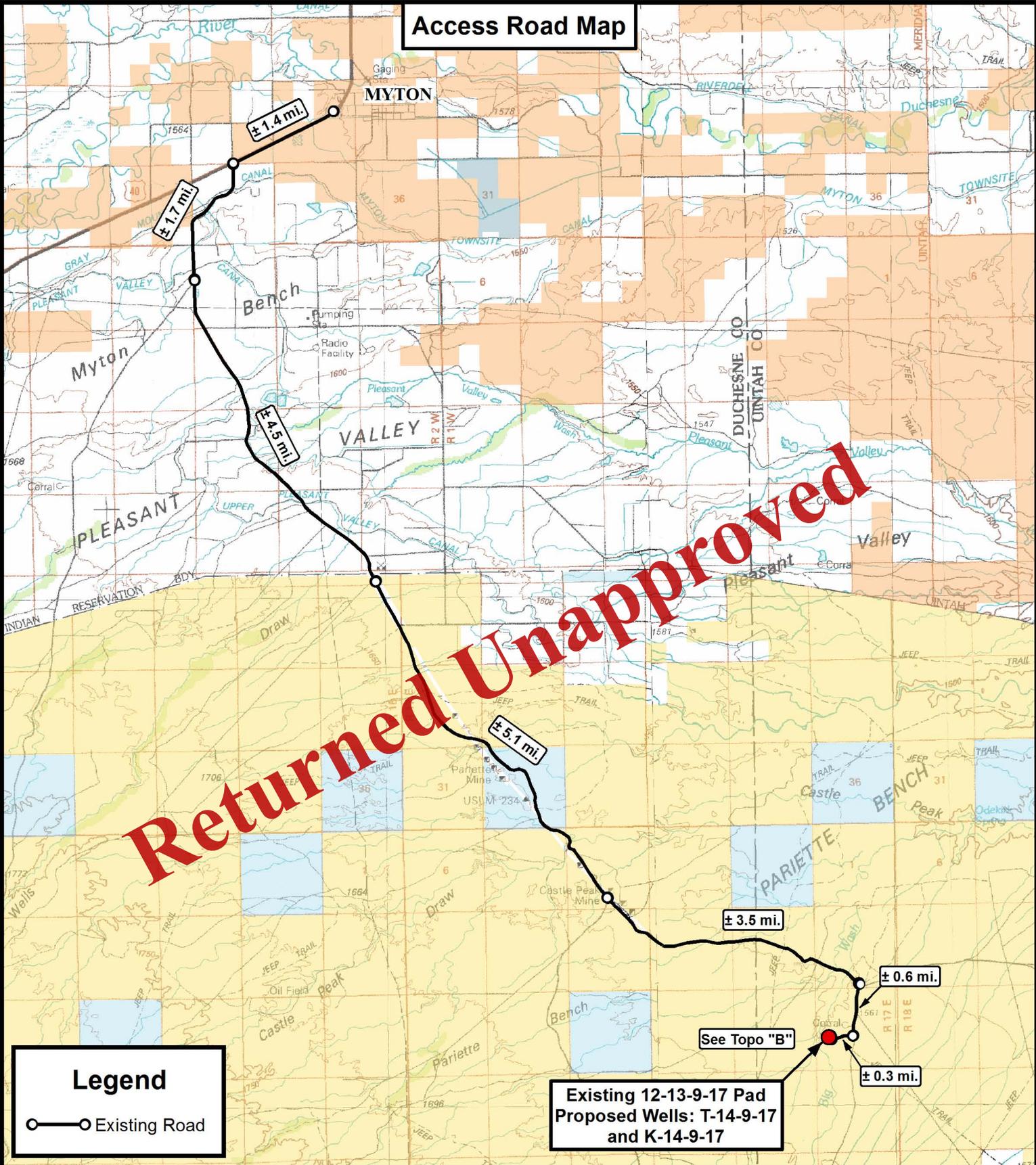
NAD 83 (CENTER OF PATTERN)	NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 40°01'51.73"	LATITUDE = 40°01'53.50"
LONGITUDE = 109°57'51.93"	LONGITUDE = 109°57'55.26"
NAD 27 (CENTER OF PATTERN)	NAD 27 (BOTTOM HOLE LOCATION)
LATITUDE = 40°01'51.86"	LATITUDE = 40°01'53.63"
LONGITUDE = 109°57'49.40"	LONGITUDE = 109°57'52.73"

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DATE SURVEYED: 11-13-13	SURVEYED BY: S.H.	VERSION:
DATE DRAWN: 12-04-13	DRAWN BY: V.H.	V1
REVISED:	SCALE: 1" = 1000'	

Received: October 16, 2014

# Access Road Map



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**Legend**

○—○ Existing Road

Existing 12-13-9-17 Pad  
Proposed Wells: T-14-9-17  
and K-14-9-17

See Topo "B"



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F: (435) 781-2518



## NEWFIELD EXPLORATION COMPANY

Existing 12-13-9-17 Pad  
Proposed Wells: T-14-9-17 and K-14-9-17  
Sec. 13, T9S, R17E, S.L.B.&M.  
Uintah County, UT.

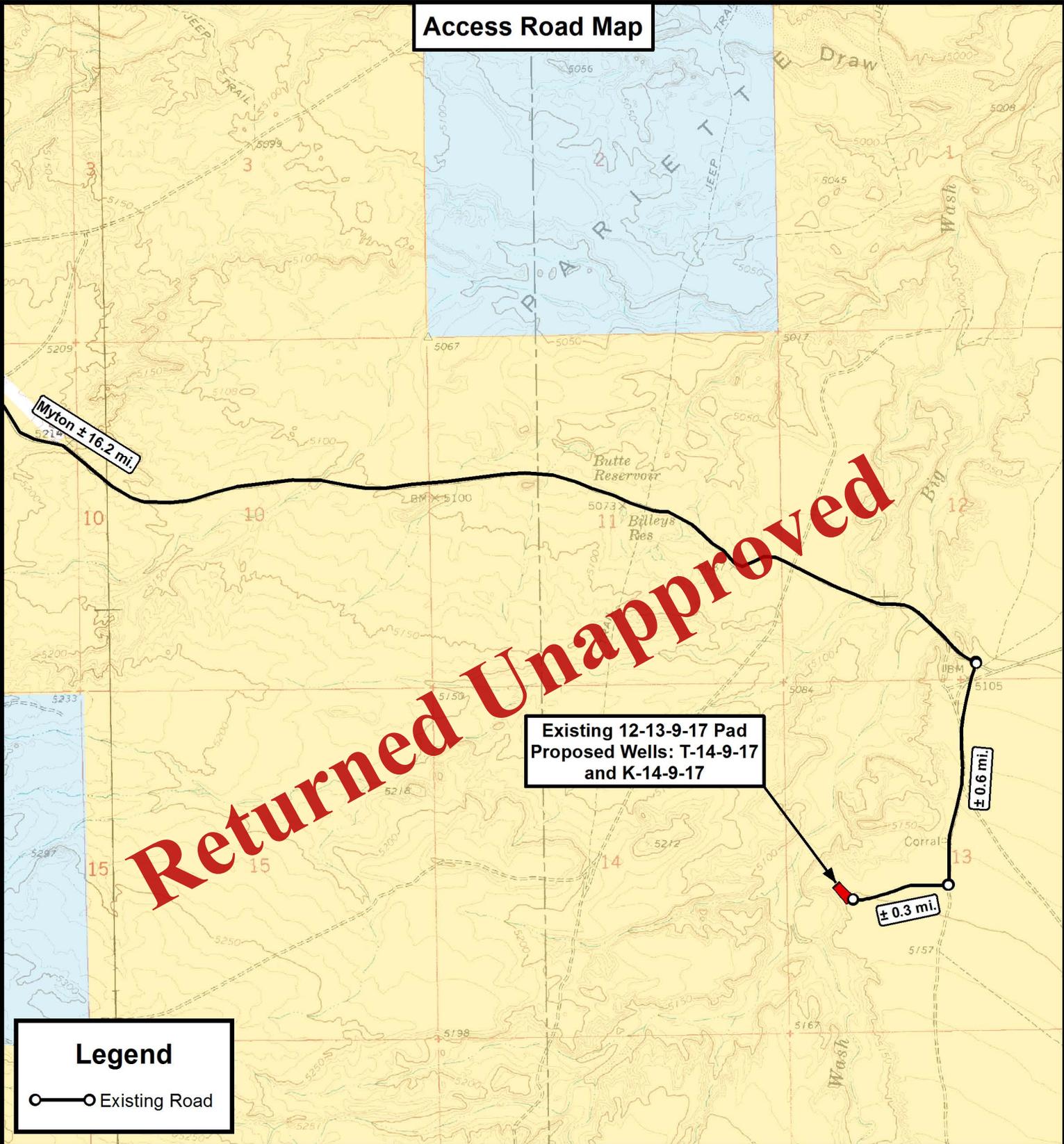
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SCALE:	1:100,000		

## TOPOGRAPHIC MAP

SHEET  
**A**

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**Access Road Map**



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Existing 12-13-9-17 Pad  
Proposed Wells: T-14-9-17  
and K-14-9-17

**Legend**

○—○ Existing Road

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



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Proposed Wells: T-14-9-17 and K-14-9-17  
Sec. 13, T9S, R17E, S.L.B.&M.  
Uintah County, UT.

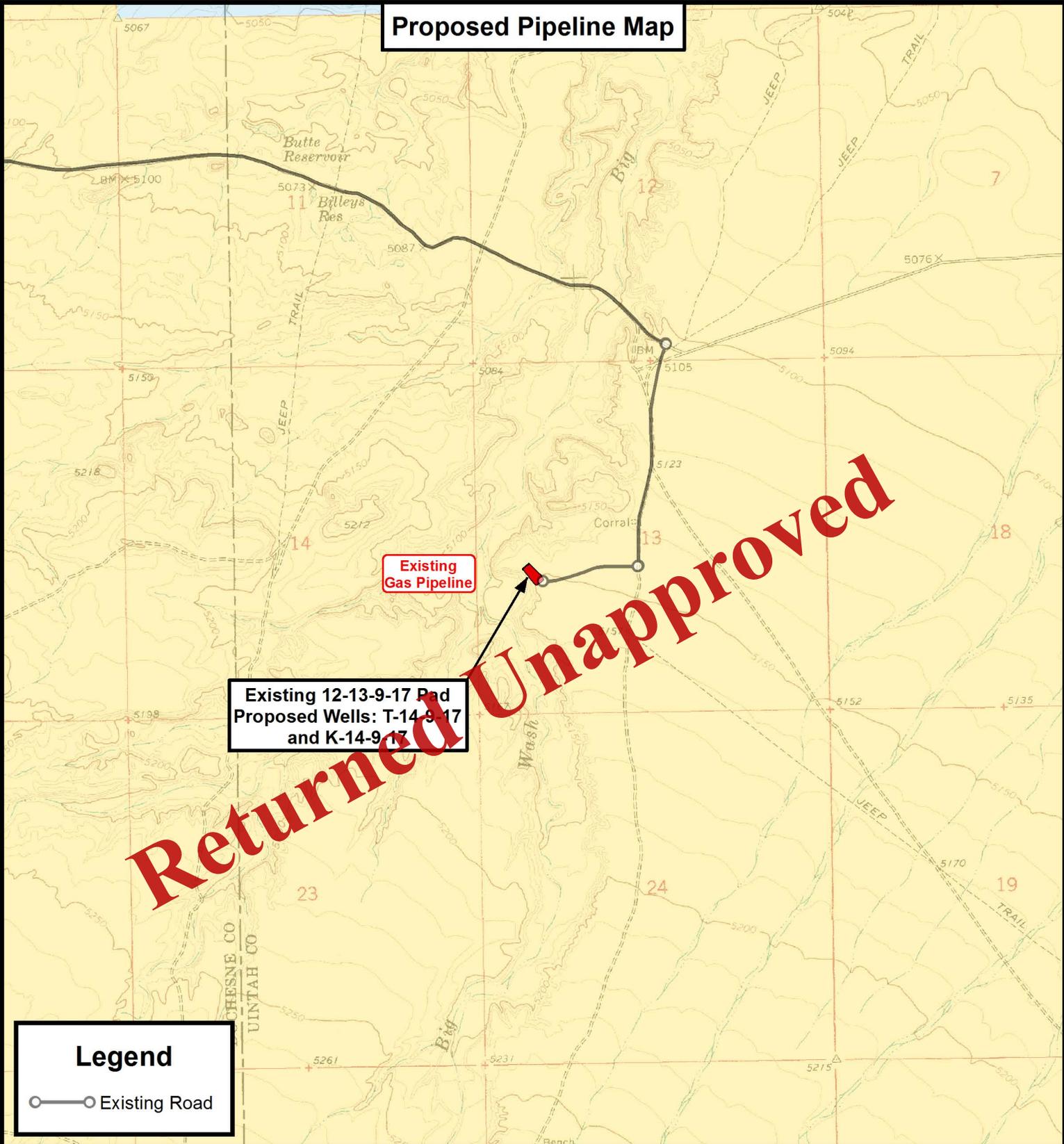
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DATE:	12-18-2013		V1
SCALE:	1" = 2,000'		

**TOPOGRAPHIC MAP**

SHEET  
**B**

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**Proposed Pipeline Map**



Existing 12-13-9-17 Pad  
Proposed Wells: T-14-9-17  
and K-14-9-17

Existing Gas Pipeline

**Legend**

○—○ Existing Road

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Sec. 13, T9S, R17E, S.L.B.&M.  
Uintah County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	12-18-2013		<b>V1</b>
SCALE:	1" = 2,000'		

**TOPOGRAPHIC MAP**

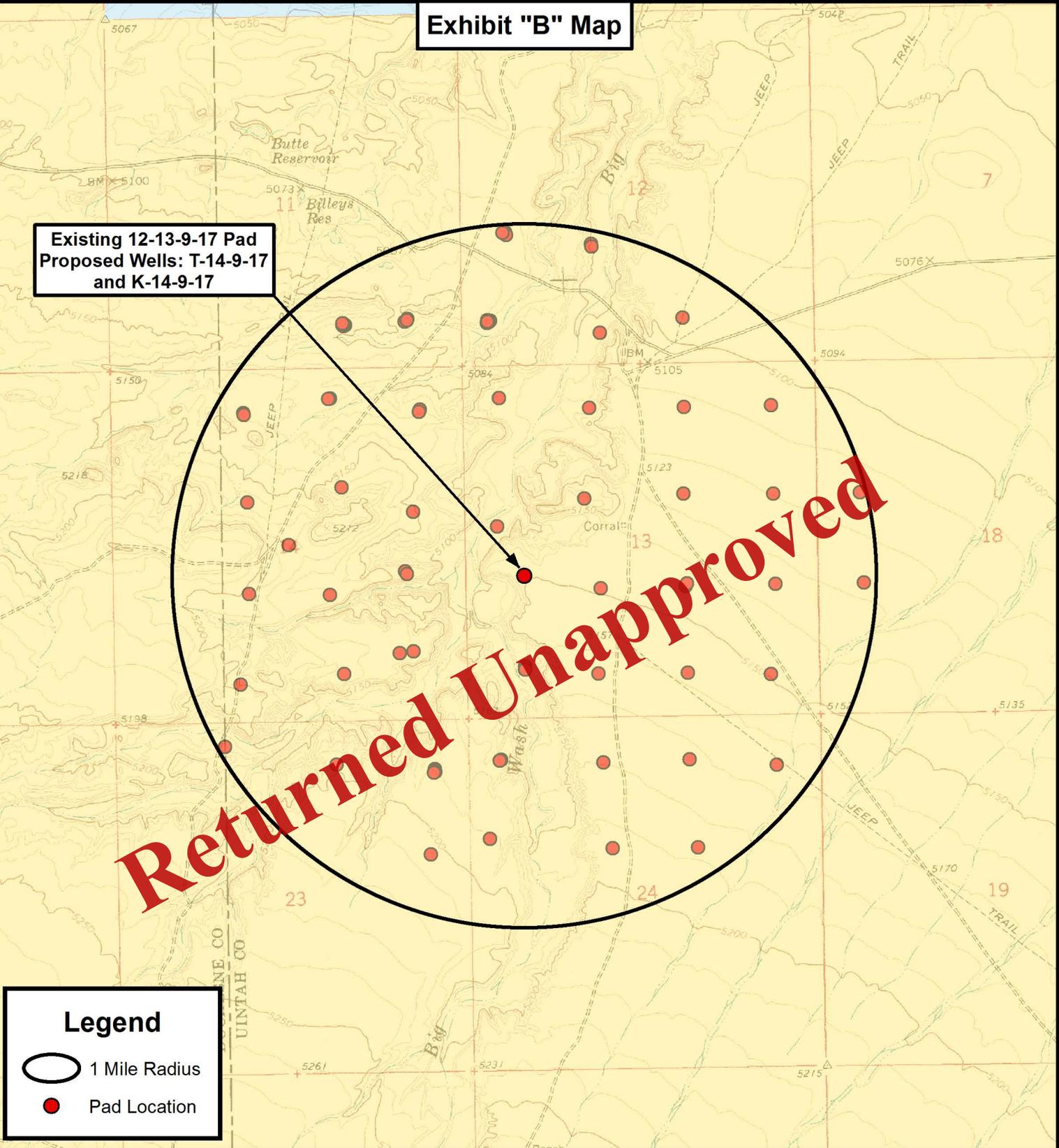
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**Exhibit "B" Map**

Existing 12-13-9-17 Pad  
Proposed Wells: T-14-9-17  
and K-14-9-17

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**Legend**

- 1 Mile Radius
- Pad Location

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**NEWFIELD EXPLORATION COMPANY**  
Existing 12-13-9-17 Pad  
Proposed Wells: T-14-9-17 and K-14-9-17  
Sec. 13, T9S, R17E, S.L.B.&M.  
Uintah County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	12-18-2013		<b>V1</b>
SCALE:	1" = 2,000'		

**TOPOGRAPHIC MAP**

SHEET  
**D**

**Received: October 16, 2014**

# Coordinate Report

Well Number	Feature Type	Latitude (NAD 83) (DMS)	Longitude (NAD 83) (DMS)
12-13-9-17	Surface Hole	40° 01' 46.12" N	109° 57' 40.90" W
T-14-9-17	Surface Hole	40° 01' 46.14" N	109° 57' 41.17" W
K-14-9-17	Surface Hole	40° 01' 46.15" N	109° 57' 41.45" W
T-14-9-17	Center of Pattern	40° 01' 38.34" N	109° 57' 51.92" W
K-14-9-17	Center of Pattern	40° 01' 51.73" N	109° 57' 51.93" W
T-14-9-17	Bottom of Hole	40° 01' 35.79" N	109° 57' 55.43" W
K-14-9-17	Bottom of Hole	40° 01' 53.50" N	109° 57' 55.26" W
Well Number	Feature Type	Latitude (NAD 83) (DD)	Longitude (NAD 83) (DD)
12-13-9-17	Surface Hole	40.029478	109.961362
T-14-9-17	Surface Hole	40.029482	109.961437
K-14-9-17	Surface Hole	40.029486	109.961513
T-14-9-17	Center of Pattern	40.027316	109.964422
K-14-9-17	Center of Pattern	40.031035	109.964425
T-14-9-17	Bottom of Hole	40.026608	109.965397
K-14-9-17	Bottom of Hole	40.031527	109.965350
Well Number	Feature Type	Northing (NAD 83) (UTM Meters)	Longitude (NAD 83) (UTM Meters)
12-13-9-17	Surface Hole	4431545.680	588620.564
T-14-9-17	Surface Hole	4431546.035	588614.111
K-14-9-17	Surface Hole	4431546.391	588607.659
T-14-9-17	Center of Pattern	4431302.672	588362.225
K-14-9-17	Center of Pattern	4431715.414	588357.179
T-14-9-17	Bottom of Hole	4431223.143	588279.911
K-14-9-17	Bottom of Hole	4431769.102	588277.618
Well Number	Feature Type	Latitude (NAD 27) (DMS)	Longitude (NAD 27) (DMS)
12-13-9-17	Surface Hole	40° 01' 46.25" N	109° 57' 38.37" W
T-14-9-17	Surface Hole	40° 01' 46.27" N	109° 57' 38.64" W
K-14-9-17	Surface Hole	40° 01' 46.28" N	109° 57' 38.91" W
T-14-9-17	Center of Pattern	40° 01' 38.47" N	109° 57' 49.39" W
K-14-9-17	Center of Pattern	40° 01' 51.86" N	109° 57' 49.40" W
T-14-9-17	Bottom of Hole	40° 01' 35.92" N	109° 57' 52.90" W
K-14-9-17	Bottom of Hole	40° 01' 53.63" N	109° 57' 52.73" W

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Existing 12-13-9-17 Pad  
Proposed Wells: T-14-9-17 and K-14-9-17  
Sec. 13, T9S, R17E, S.L.B.&M.  
Uintah County, UT.

DRAWN BY: A.P.C.  
DATE: 12-18-2013  
VERSION: V1

REVISED:

## COORDINATE REPORT

SHEET

1

Received: October 16, 2014





# NEWFIELD EXPLORATION

USGS Myton SW (UT)  
SECTION 26 T9S, 15E  
R-26-9-15

Wellbore #1

Plan: Design #1

## Standard Planning Report

23 September, 2014

**Returned Unapproved**





# Payzone Directional Planning Report



<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well R-26-9-15
<b>Company:</b>	NEWFIELD EXPLORATION	<b>TVD Reference:</b>	R-26-9-15 @ 6566.0usft (PLAN KB)
<b>Project:</b>	USGS Myton SW (UT)	<b>MD Reference:</b>	R-26-9-15 @ 6566.0usft (PLAN KB)
<b>Site:</b>	SECTION 26 T9S, 15E	<b>North Reference:</b>	True
<b>Well:</b>	R-26-9-15	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

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

<b>Site</b>	SECTION 26 T9S, 15E				
<b>Site Position:</b>	<b>Northing:</b>	7,171,341.94 usft	<b>Latitude:</b>	39° 59' 59.970 N	
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,002,845.36 usft	<b>Longitude:</b>	110° 12' 22.300 W
<b>Position Uncertainty:</b>	0.0 usft	<b>Slot Radius:</b>	13-3/16 "	<b>Grid Convergence:</b>	0.83 °

<b>Well</b>	R-26-9-15, SHL: 39°59'45.47" -110°12'07.54"					
<b>Well Position</b>	<b>+N/-S</b>	-1,467.1 usft	<b>Northing:</b>	7,169,891.61 usft	<b>Latitude:</b>	39° 59' 45.470 N
	<b>+E/-W</b>	1,148.6 usft	<b>Easting:</b>	2,004,015.09 usft	<b>Longitude:</b>	110° 12' 7.540 W
<b>Position Uncertainty</b>		0.0 usft	<b>Wellhead Elevation:</b>	6,566.0 usft	<b>Ground Level:</b>	6,555.0 usft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	9/23/2014	10.94	65.65	51,893

<b>Design</b>	Design #1			
<b>Audit Notes:</b>				
<b>Version:</b>	Present	PROTOTYPE	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	38.66

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	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	
1,579.6	14.69	38.66	1,568.9	97.5	78.0	1.50	1.50	3.95	38.66	
4,816.6	14.69	38.66	4,700.0	738.7	590.9	0.00	0.00	0.00	0.00	R-26-9-15 TGT
6,279.4	14.69	38.66	6,115.0	1,028.4	822.7	0.00	0.00	0.00	0.00	



# Payzone Directional Planning Report



<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well R-26-9-15
<b>Company:</b>	NEWFIELD EXPLORATION	<b>TVD Reference:</b>	R-26-9-15 @ 6566.0usft (PLAN KB)
<b>Project:</b>	USGS Myton SW (UT)	<b>MD Reference:</b>	R-26-9-15 @ 6566.0usft (PLAN KB)
<b>Site:</b>	SECTION 26 T9S, 15E	<b>North Reference:</b>	True
<b>Well:</b>	R-26-9-15	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
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	38.66	700.0	1.0	0.8	1.3	1.50	1.50	0.00
800.0	3.00	38.66	799.9	4.1	3.3	5.2	1.50	1.50	0.00
900.0	4.50	38.66	899.7	9.2	7.4	11.8	1.50	1.50	0.00
1,000.0	6.00	38.66	999.3	16.3	13.1	20.9	1.50	1.50	0.00
1,100.0	7.50	38.66	1,098.6	25.5	20.4	32.7	1.50	1.50	0.00
1,200.0	9.00	38.66	1,197.5	36.7	29.4	47.0	1.50	1.50	0.00
1,300.0	10.50	38.66	1,296.1	49.9	40.0	64.0	1.50	1.50	0.00
1,400.0	12.00	38.66	1,394.2	65.2	52.1	83.5	1.50	1.50	0.00
1,500.0	13.50	38.66	1,491.7	82.4	65.9	104.5	1.50	1.50	0.00
1,579.6	14.69	38.66	1,568.9	97.5	77.0	124.9	1.50	1.50	0.00
1,600.0	14.69	38.66	1,588.6	107.6	81.3	130.1	0.00	0.00	0.00
1,700.0	14.69	38.66	1,685.4	121.4	97.1	155.5	0.00	0.00	0.00
1,800.0	14.69	38.66	1,782.1	141.2	113.0	180.8	0.00	0.00	0.00
1,900.0	14.69	38.66	1,878.8	167.0	128.8	206.2	0.00	0.00	0.00
2,000.0	14.69	38.66	1,973.5	180.8	144.6	231.6	0.00	0.00	0.00
2,100.0	14.69	38.66	2,072.3	200.6	160.5	256.9	0.00	0.00	0.00
2,200.0	14.69	38.66	2,169.0	220.4	176.3	282.3	0.00	0.00	0.00
2,300.0	14.69	38.66	2,265.7	240.2	192.2	307.7	0.00	0.00	0.00
2,400.0	14.69	38.66	2,362.5	260.0	208.0	333.0	0.00	0.00	0.00
2,500.0	14.69	38.66	2,459.2	279.9	223.9	358.4	0.00	0.00	0.00
2,600.0	14.69	38.66	2,555.9	299.7	239.7	383.7	0.00	0.00	0.00
2,700.0	14.69	38.66	2,652.7	319.5	255.6	409.1	0.00	0.00	0.00
2,800.0	14.69	38.66	2,749.4	339.3	271.4	434.5	0.00	0.00	0.00
2,900.0	14.69	38.66	2,846.1	359.1	287.3	459.8	0.00	0.00	0.00
3,000.0	14.69	38.66	2,942.8	378.9	303.1	485.2	0.00	0.00	0.00
3,100.0	14.69	38.66	3,039.6	398.7	318.9	510.6	0.00	0.00	0.00
3,200.0	14.69	38.66	3,136.3	418.5	334.8	535.9	0.00	0.00	0.00
3,300.0	14.69	38.66	3,233.0	438.3	350.6	561.3	0.00	0.00	0.00
3,400.0	14.69	38.66	3,329.8	458.1	366.5	586.7	0.00	0.00	0.00
3,500.0	14.69	38.66	3,426.5	477.9	382.3	612.0	0.00	0.00	0.00
3,600.0	14.69	38.66	3,523.2	497.7	398.2	637.4	0.00	0.00	0.00
3,700.0	14.69	38.66	3,620.0	517.5	414.0	662.8	0.00	0.00	0.00
3,800.0	14.69	38.66	3,716.7	537.3	429.9	688.1	0.00	0.00	0.00
3,900.0	14.69	38.66	3,813.4	557.2	445.7	713.5	0.00	0.00	0.00
4,000.0	14.69	38.66	3,910.1	577.0	461.5	738.9	0.00	0.00	0.00
4,100.0	14.69	38.66	4,006.9	596.8	477.4	764.2	0.00	0.00	0.00
4,200.0	14.69	38.66	4,103.6	616.6	493.2	789.6	0.00	0.00	0.00
4,300.0	14.69	38.66	4,200.3	636.4	509.1	814.9	0.00	0.00	0.00
4,400.0	14.69	38.66	4,297.1	656.2	524.9	840.3	0.00	0.00	0.00
4,500.0	14.69	38.66	4,393.8	676.0	540.8	865.7	0.00	0.00	0.00
4,600.0	14.69	38.66	4,490.5	695.8	556.6	891.0	0.00	0.00	0.00
4,700.0	14.69	38.66	4,587.3	715.6	572.5	916.4	0.00	0.00	0.00
4,800.0	14.69	38.66	4,684.0	735.4	588.3	941.8	0.00	0.00	0.00
4,816.6	14.69	38.66	4,700.0	738.7	590.9	946.0	0.00	0.00	0.00
4,900.0	14.69	38.66	4,780.7	755.2	604.1	967.1	0.00	0.00	0.00
5,000.0	14.69	38.66	4,877.4	775.0	620.0	992.5	0.00	0.00	0.00
5,100.0	14.69	38.66	4,974.2	794.8	635.8	1,017.9	0.00	0.00	0.00



**Payzone Directional**  
Planning Report



<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well R-26-9-15
<b>Company:</b>	NEWFIELD EXPLORATION	<b>TVD Reference:</b>	R-26-9-15 @ 6566.0usft (PLAN KB)
<b>Project:</b>	USGS Myton SW (UT)	<b>MD Reference:</b>	R-26-9-15 @ 6566.0usft (PLAN KB)
<b>Site:</b>	SECTION 26 T9S, 15E	<b>North Reference:</b>	True
<b>Well:</b>	R-26-9-15	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
5,200.0	14.69	38.66	5,070.9	814.6	651.7	1,043.2	0.00	0.00	0.00	
5,300.0	14.69	38.66	5,167.6	834.4	667.5	1,068.6	0.00	0.00	0.00	
5,400.0	14.69	38.66	5,264.4	854.3	683.4	1,094.0	0.00	0.00	0.00	
5,500.0	14.69	38.66	5,361.1	874.1	699.2	1,119.3	0.00	0.00	0.00	
5,600.0	14.69	38.66	5,457.8	893.9	715.1	1,144.7	0.00	0.00	0.00	
5,700.0	14.69	38.66	5,554.5	913.7	730.9	1,170.1	0.00	0.00	0.00	
5,800.0	14.69	38.66	5,651.3	933.5	746.7	1,195.4	0.00	0.00	0.00	
5,900.0	14.69	38.66	5,748.0	953.3	762.6	1,220.8	0.00	0.00	0.00	
6,000.0	14.69	38.66	5,844.7	973.1	778.4	1,246.1	0.00	0.00	0.00	
6,100.0	14.69	38.66	5,941.5	992.9	794.3	1,271.5	0.00	0.00	0.00	
6,200.0	14.69	38.66	6,038.2	1,012.7	810.1	1,296.9	0.00	0.00	0.00	
6,279.4	14.69	38.66	6,115.0	1,028.4	822.7	1,317.0	0.00	0.00	0.00	

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
R-26-9-15 TGT	0.00	0.00	4,700.0	738.7	690.9	7,170,638.80	2,004,595.23	39° 59' 52.771 N	110° 11' 59.946 W	
- hit/miss target										
- Shape										
- plan hits target center										
- Circle (radius 75.0)										

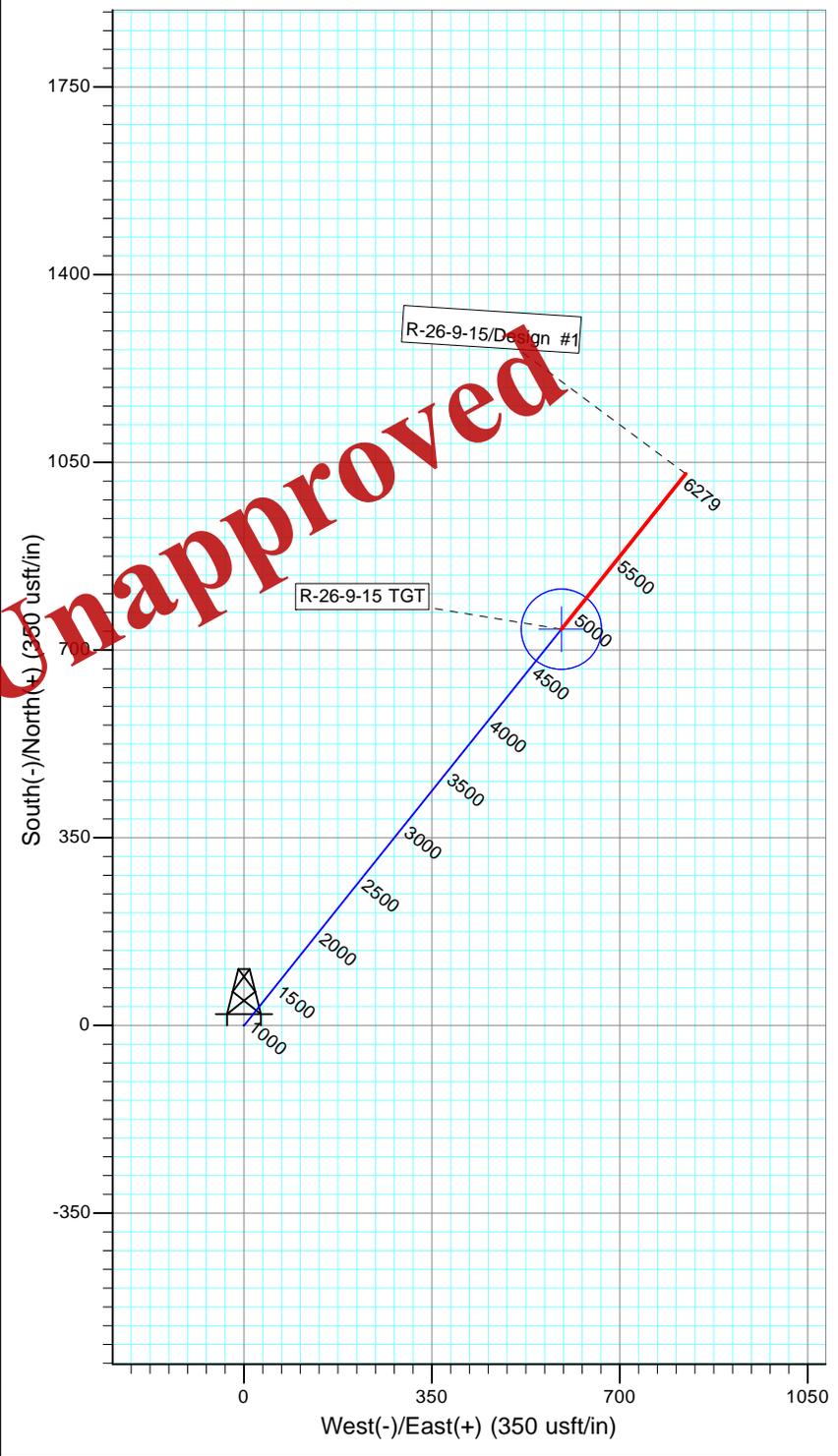
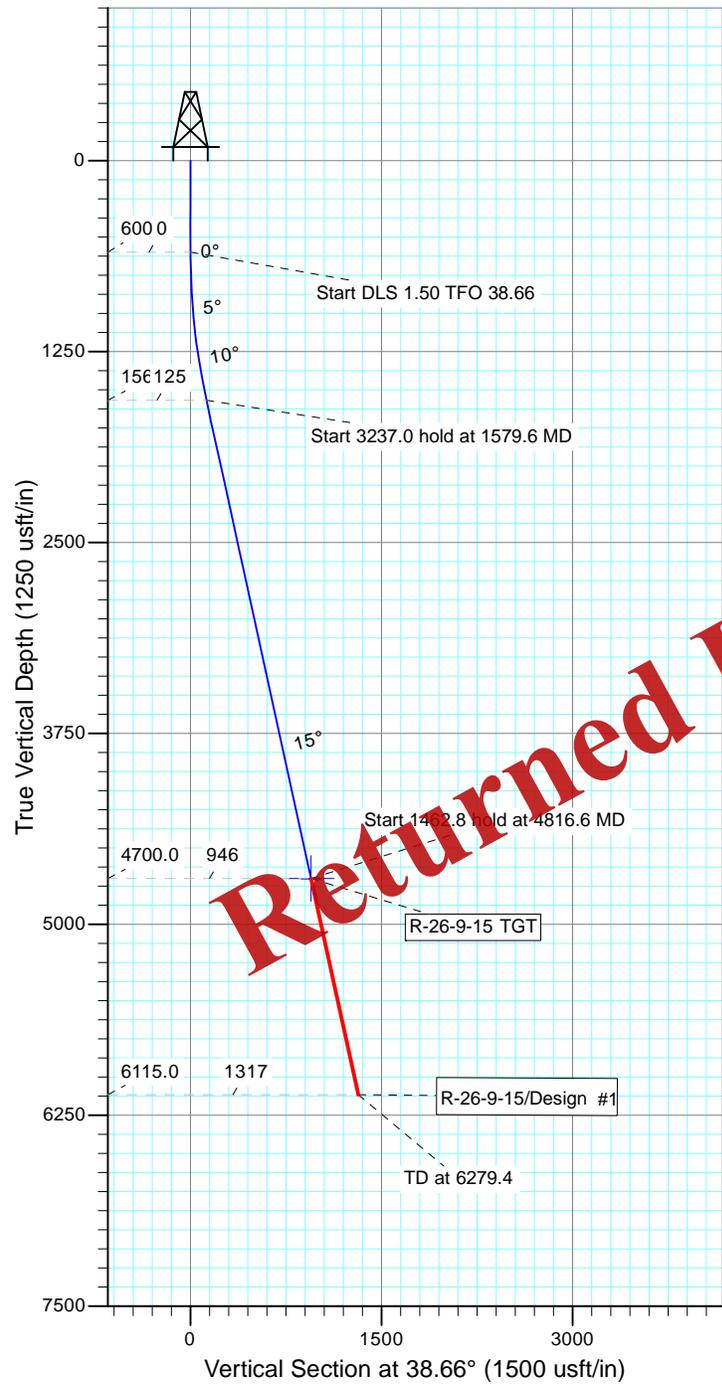
**Returned Unapproved**

# NEWFIELD



Project: USGS Myton SW (UT)  
 Site: SECTION 26 T9S, 15E  
 Well: R-26-9-15  
 Wellbore: Wellbore #1  
 Design: Design #1

**T M**  
 Azimuths to True North  
 Magnetic North: 10.94°  
 Magnetic Field  
 Strength: 51893.0snT  
 Dip Angle: 65.65°  
 Date: 9/23/2014  
 Model: IGRF2010



### WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
R-26-9-15 TGT	4700.0	738.7	590.9	Circle (Radius: 75.0)

### SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	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	1579.6	14.69	38.66	1568.9	97.5	78.0	1.50	38.66	124.9	
4	4816.6	14.69	38.66	4700.0	738.7	590.9	0.00	0.00	946.0	R-26-9-15 TGT
5	6279.4	14.69	38.66	6115.0	1028.4	822.7	0.00	0.00	1317.0	



Received: October 16, 2014

**NEWFIELD PRODUCTION COMPANY  
GMBU K-14-9-17  
AT SURFACE: NW/SW SECTION 13, T9S R17E  
UINTAH COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**MULTI-POINT SURFACE USE & OPERATIONS PLAN**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Newfield Production Company well location site GMBU K-14-9-17 located in the NW 1/4 SW 1/4 Section 13, T9S, R17E, Uintah 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 – 14.8 miles ± to it's junction with an existing road to the south; proceed in a southerly direction – 0.6 miles ± to it's junction with an existing road to the west; proceed in a westerly direction – 0.3 miles ± to it's junction with the beginning of the access road to the existing 12-13-9-17 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 directionally off of the existing 12-13-9-17 well pad. See attached **Topographic Map "B"**.

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

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

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

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

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

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

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

Tank batteries will be built to State specifications.

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

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

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

Johnson Water District  
Water Right : 43-7478

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.

Mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

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

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

A portable toilet will be provided for human waste.

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

8. **ANCILLARY FACILITIES**

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

9. **WELL SITE LAYOUT**

See attached Location Layout Sheet.

**Fencing Requirements**

- 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** – Bureau of Land Management.

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report # 14-064 4/16/14, prepared by Montgomery Archaeological Consultants. . Paleontological Resource Survey prepared by, SWCA Environmental Consultants, Report No. UT14-14273-57, April 2014. See attached report cover pages, Exhibit "D".

**Water Disposal**

After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's 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 K-14-9-17, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the GMBU K-14-9-17, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

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

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

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

Representative

Name: Corie Miller  
Address: Newfield Production Company  
Route 3, Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

Certification

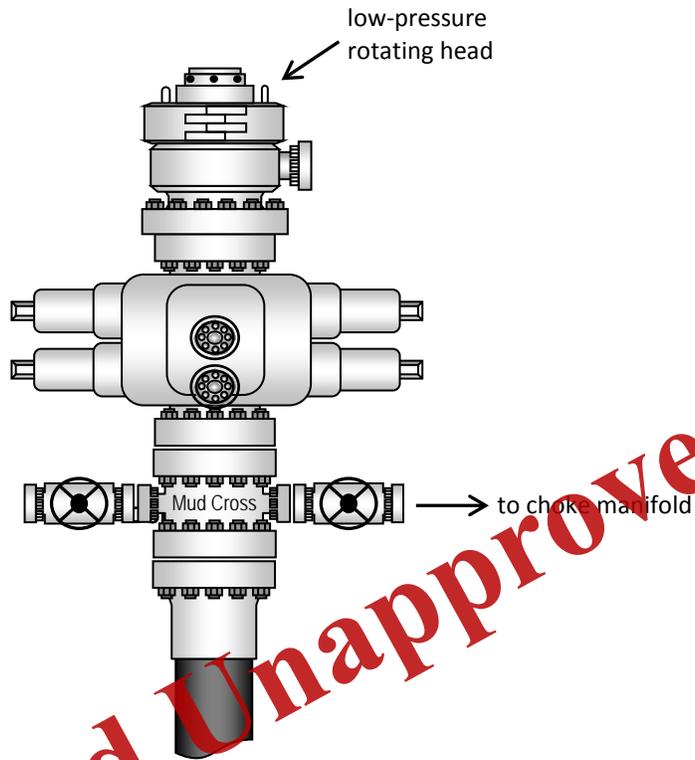
Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #K-14-9-17, Section 13, Township 9S, Range 17E: Lease UTU-39713 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #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.

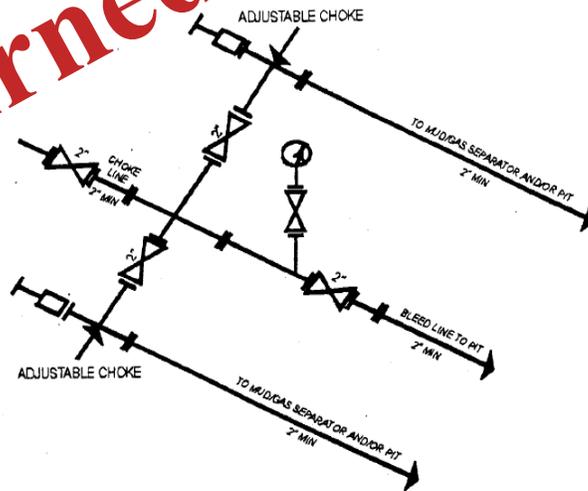
\_\_\_\_\_  
Date 10/15/14

\_\_\_\_\_  
Heather Calder  
Regulatory Technician  
Newfield Production Company

# Typical 2M BOP stack configuration



**Returned Unapproved**



2M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

# NEWFIELD EXPLORATION COMPANY

## WELL PAD INTERFERENCE PLAT

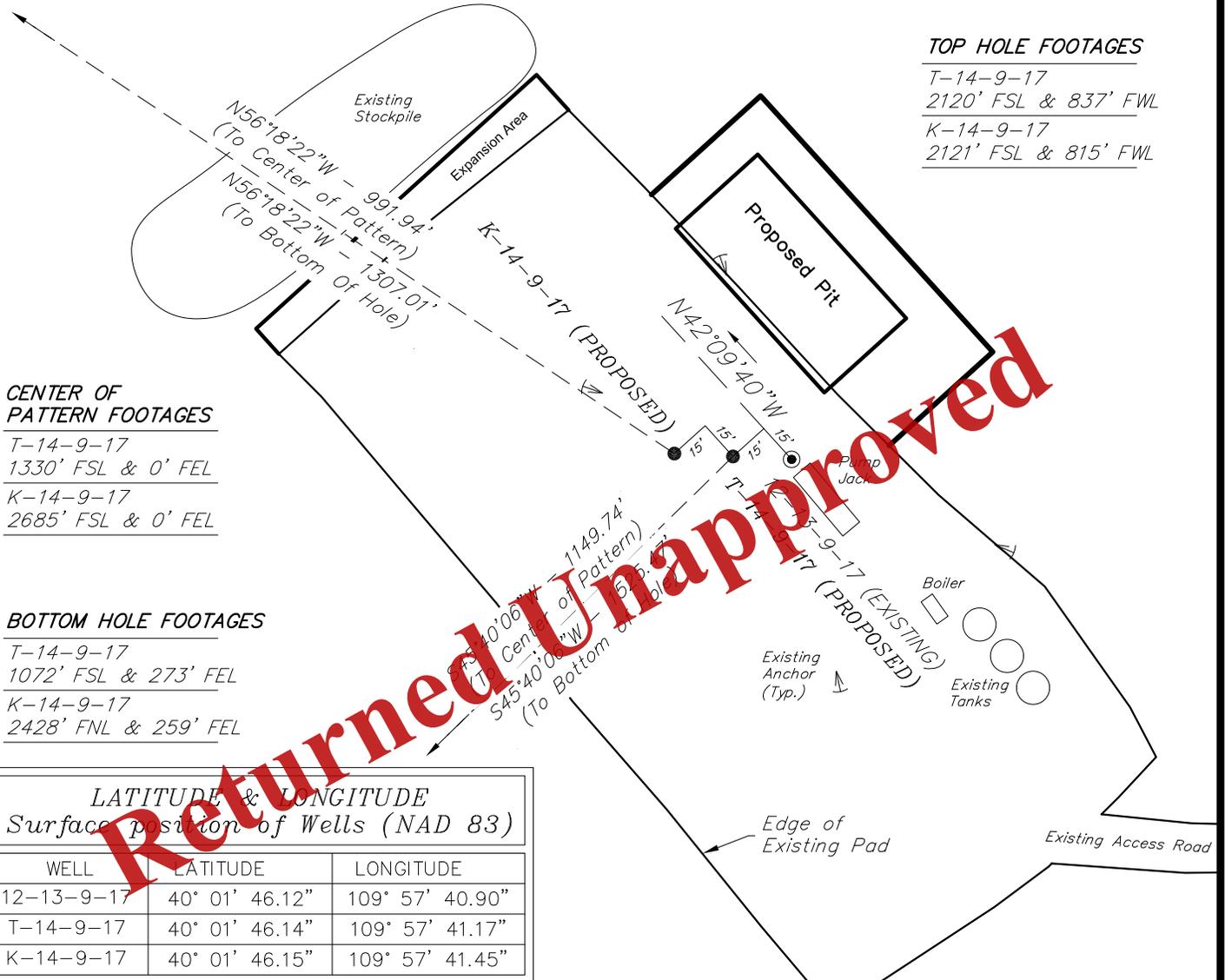
### EXISTING 12-13-9-17 PAD

### PROPOSED WELLS: T-14-9-17 AND K-14-9-17

Pad Location: NWSW Section 13, T9S, R17E, S.L.B.&M.

#### TOP HOLE FOOTAGES

T-14-9-17  
2120' FSL & 837' FWL  
K-14-9-17  
2121' FSL & 815' FWL



#### CENTER OF PATTERN FOOTAGES

T-14-9-17  
1330' FSL & 0' FEL  
K-14-9-17  
2685' FSL & 0' FEL

#### BOTTOM HOLE FOOTAGES

T-14-9-17  
1072' FSL & 273' FEL  
K-14-9-17  
2428' FSL & 259' FEL

#### LATITUDE & LONGITUDE Surface Position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
12-13-9-17	40° 01' 46.12"	109° 57' 40.90"
T-14-9-17	40° 01' 46.14"	109° 57' 41.17"
K-14-9-17	40° 01' 46.15"	109° 57' 41.45"

#### LATITUDE & LONGITUDE Center of Pattern (NAD 83)

WELL	LATITUDE	LONGITUDE
T-14-9-17	40° 01' 38.34"	109° 57' 51.92"
K-14-9-17	40° 01' 51.73"	109° 57' 51.93"

#### LATITUDE & LONGITUDE Bottom Hole Position (NAD 83)

WELL	LATITUDE	LONGITUDE
T-14-9-17	40° 01' 35.79"	109° 57' 55.43"
K-14-9-17	40° 01' 53.50"	109° 57' 55.26"

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

WELL	NORTH	EAST
T-14-9-17	-803'	-822'
K-14-9-17	550'	-825'

#### RELATIVE COORDINATES From Top Hole to Bottom Hole

WELL	NORTH	EAST
T-14-9-17	-1,066'	-1,091'
K-14-9-17	725'	-1,087'

**Note:**  
Bearings are based on GPS Observations.



SURVEYED BY: S.H.	DATE SURVEYED: 11-13-13	VERSION:
DRAWN BY: V.H.	DATE DRAWN: 12-04-13	V1
SCALE: 1" = 60'	REVISED:	

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

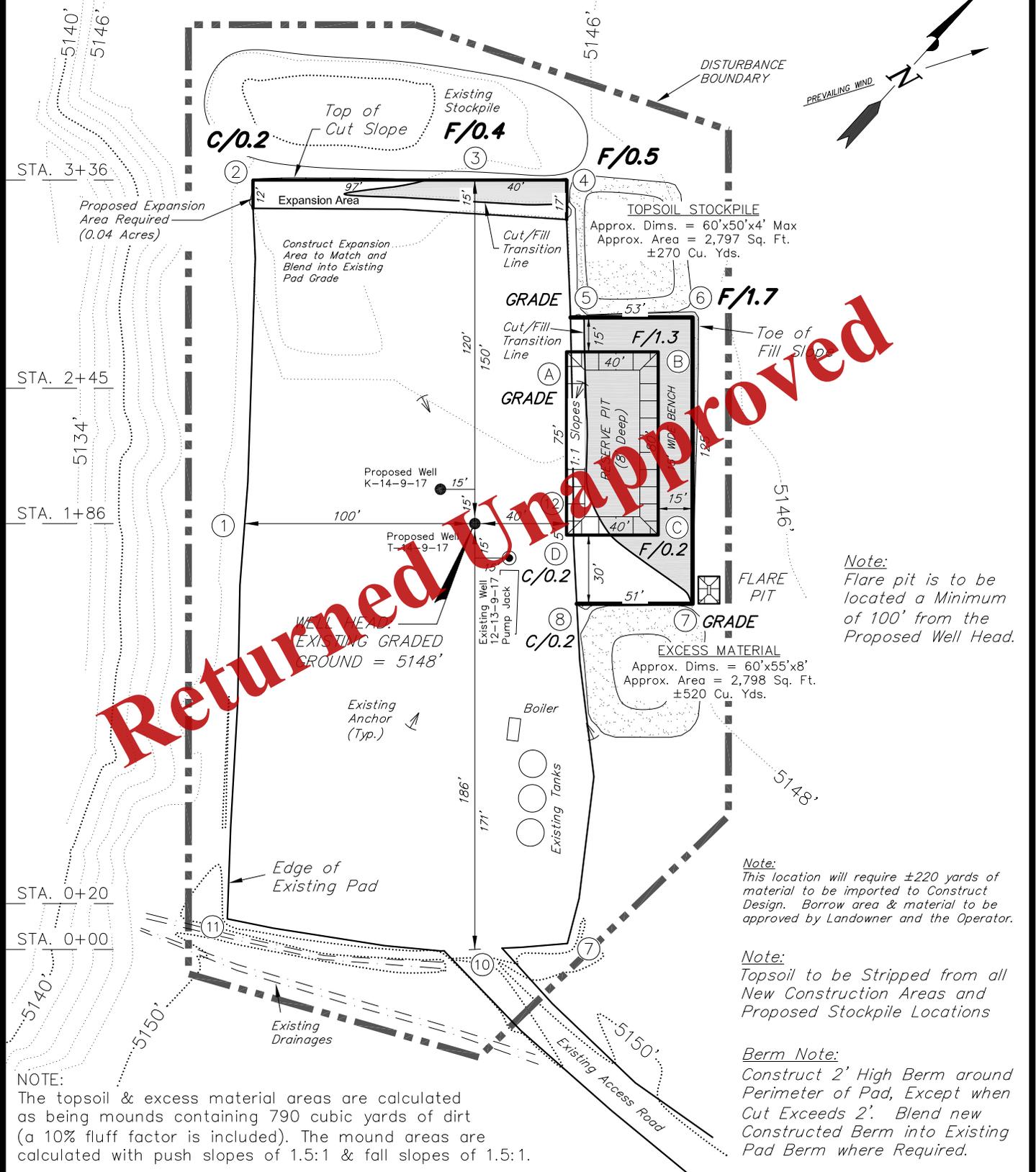
# NEWFIELD EXPLORATION COMPANY

## LOCATION LAYOUT

### EXISTING 12-13-9-17 PAD

### PROPOSED WELLS: T-14-9-17 AND K-14-9-17

Pad Location: NWSW Section 13, T9S, R17E, S.L.B.&M.



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SURVEYED BY: S.H.	DATE SURVEYED: 11-13-13	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 12-04-13	V1
SCALE: 1" = 60'	REVISED:	

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

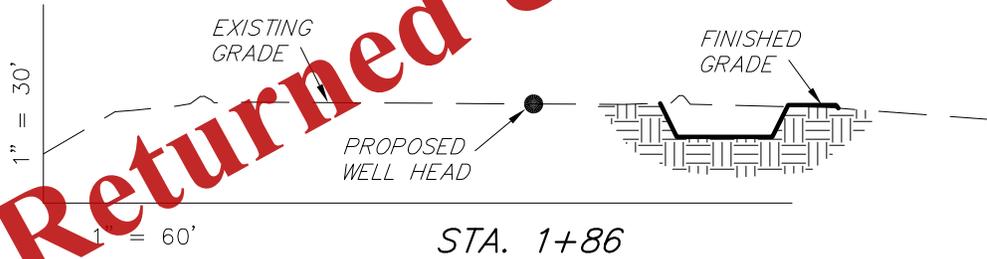
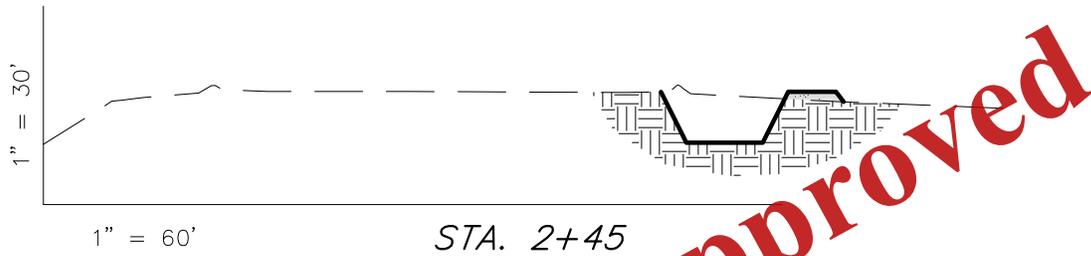
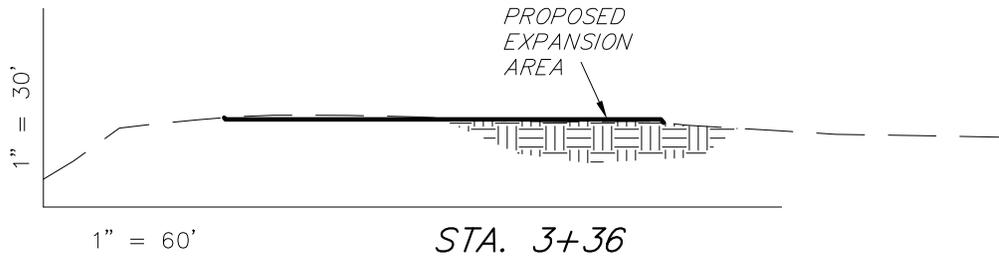
**Received: October 16, 2014**

# NEWFIELD EXPLORATION COMPANY

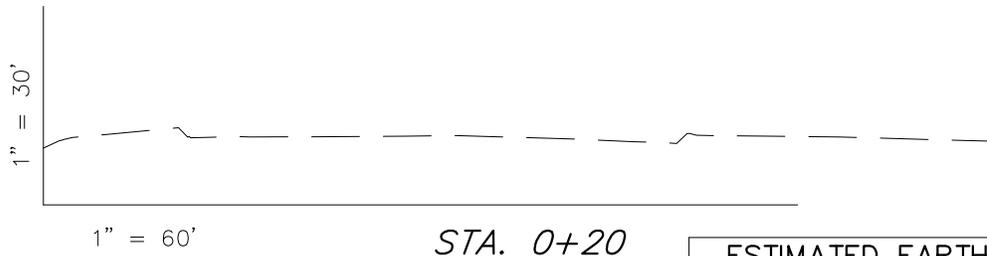
## CROSS SECTIONS EXISTING 12-13-9-17 PAD

**PROPOSED WELLS: T-14-9-17 AND K-14-9-17**

Pad Location: NWSW Section 13, T9S, R17E, S.L.B.&M.



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

*Note:*  
This location will require ±220 yards of  
material to be imported to Construct  
Design. Borrow area & material to be  
approved by Landowner and the Operator.

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	0	220	Topsoil is not included in Pad Cut	-220
PIT	690	0		690
<b>TOTALS</b>	<b>690</b>	<b>220</b>	<b>250</b>	<b>470</b>

SURVEYED BY: S.H.	DATE SURVEYED: 11-13-13	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 12-04-13	V1
SCALE: 1" = 60'	REVISED:	

Tri State

Land Surveying, Inc.

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

(435) 781-2501

Received: October 16, 2014

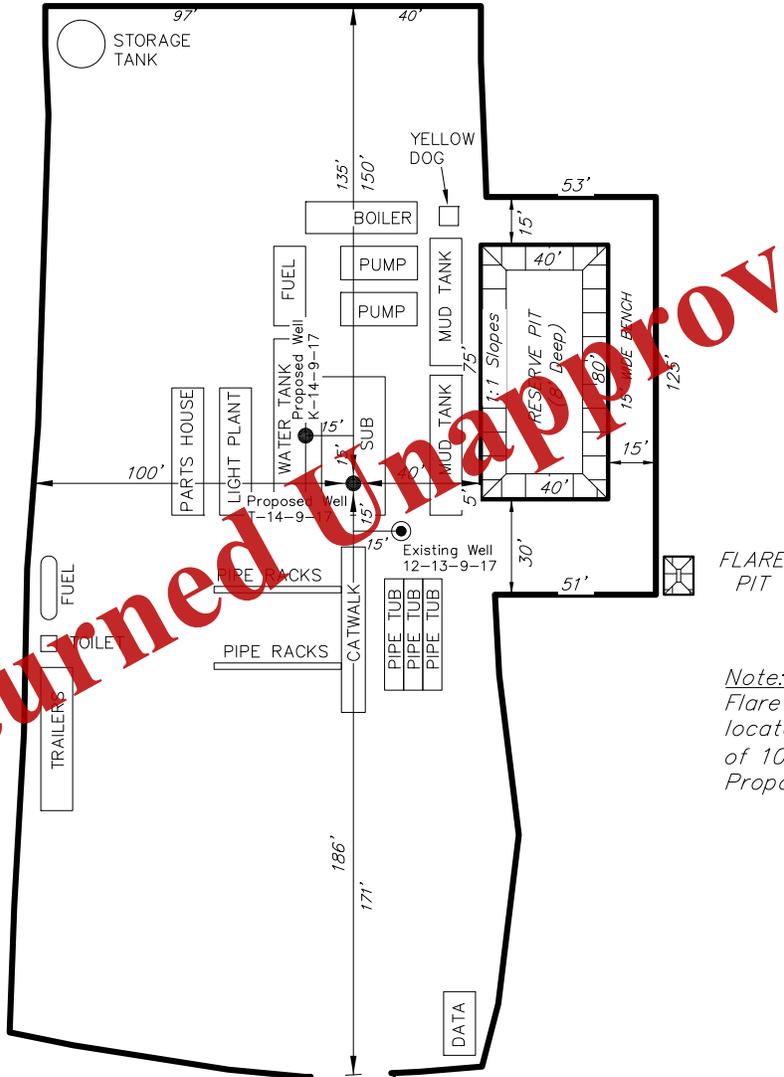
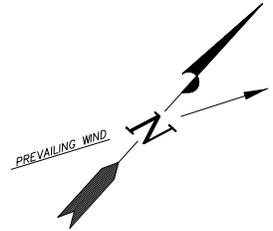
# NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT

EXISTING 12-13-9-17 PAD

PROPOSED WELLS: T-14-9-17 AND K-14-9-17

Pad Location: NWSW Section 13, T9S, R17E, S.L.B.&M.



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

SURVEYED BY: S.H.	DATE SURVEYED: 11-13-13	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 12-04-13	V1
SCALE: 1" = 60'	REVISED:	

(435) 781-2501

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

Received: October 16, 2014

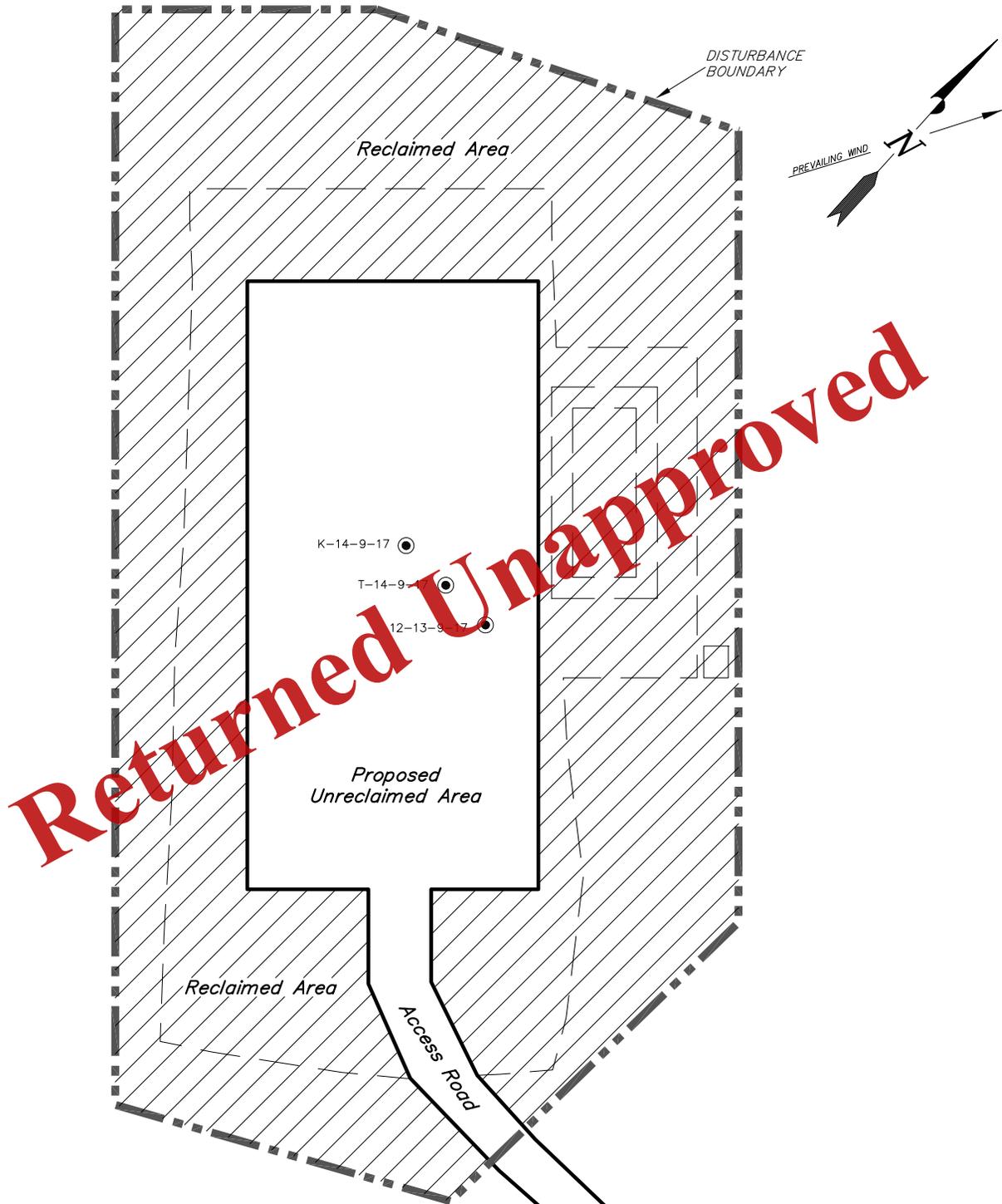
# NEWFIELD EXPLORATION COMPANY

## RECLAMATION LAYOUT

EXISTING 12-13-9-17 PAD

PROPOSED WELLS: T-14-9-17 AND K-14-9-17

Pad Location: NWSW Section 13, T9S, R17E, S.L.B.&M.



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**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 = ±2.18 ACRES  
 TOTAL RECLAIMED AREA = ±1.54 ACRES  
 UNRECLAIMED AREA = ±0.64 ACRES

SURVEYED BY: S.H.	DATE SURVEYED: 11-13-13	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 12-04-13	V1
SCALE: 1" = 60'	REVISED:	

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

# NEWFIELD EXPLORATION COMPANY

## PROPOSED SITE FACILITY DIAGRAM

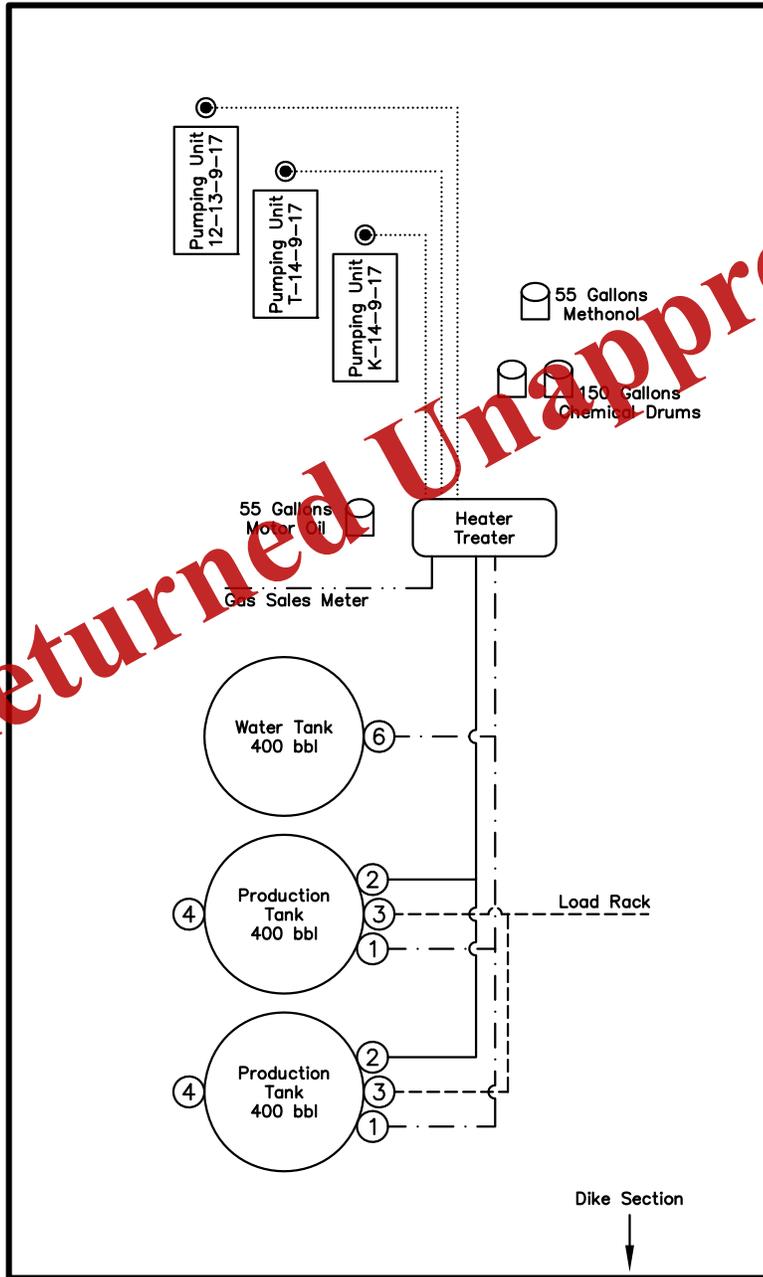
12-13-9-17 PAD

12-13-9-17 UTU-39713

T-14-9-17 UTU-39713

K-14-9-17 UTU-39713

Pad Location: NWSW Section 13, T9S, R17E, S.L.B.&M.  
 Uintah County, Utah



### Legend

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

Returned Unapproved

NOT TO SCALE

SURVEYED BY: S.H.	DATE SURVEYED: 11-13-13	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 12-04-13	V1
SCALE: NONE	REVISED:	

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



VIA ELECTRONIC DELIVERY

October 23, 2014

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

**Newfield Exploration Company**

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

RE: Directional Drilling  
**GMBU K-14-9-17**  
Greater Monument Butte (Green River) Unit

Surface Hole: T9S-R17E Section 13: NWSW (UTU-39713)  
2121' FSL 815' FWL

At Target: T9S-R17E Section 14: SENE (UTU-64806)  
2428' FNL 259' FEL

Uintah County, Utah

Dear Ms. Mason:

Pursuant to the filing by Newfield Production Company (NPC) of an Application for Permit to Drill the above referenced well dated 10/16/14, a copy of which is attached, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole and target locations of this well are both within the boundaries of the Greater Monument Butte Unit (UTU-87538X) of which Newfield certifies that it is the operator. Further, Newfield certifies that all lands within 460 feet of the entire directional well bore are within the Greater Monument Butte Unit.

NPC is permitting this well as a directional well in order to mitigate surface disturbance by utilizing pre-existing roads and pipelines.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please contact the undersigned at 303-323-9770 or by email at [ldein@newfield.com](mailto:ldein@newfield.com). Your consideration in this matter is greatly appreciated.

Sincerely,  
Newfield Production Company

Levi Dein  
Landman



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*

November 04, 2014

NEWFIELD PRODUCTION  
COMPANY  
Rt 3 Box 3630  
Myton, UT 84052

Re: Application for Permit to Drill - UINTAH County, Utah

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the GMBU K-14-9-17 well, API 43013531750000 that was submitted October 16, 2014 is being returned unapproved. If you plan on drilling this well in the future, you must first submit a new application.

Should you have any questions regarding this matter, please call me at (801) 538-5312.

Sincerely,

Diana Mason  
Environmental Scientist

Enclosure

cc: Bureau of Land Management, Vernal, Utah



