

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><br>GMBU 126-5-9-16   |                            |                                    |              |              |               |                 |  |  |
| <b>2. TYPE OF WORK</b><br>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><br>MONUMENT BUTTE  |                            |                                    |              |              |               |                 |  |  |
| <b>4. TYPE OF WELL</b><br>Oil Well Coalbed Methane Well: NO   |                  |                    |  |  |                           | <b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b><br>GMBU (GRRV)   |                            |                                    |              |              |               |                 |  |  |
| <b>6. NAME OF OPERATOR</b><br>NEWFIELD PRODUCTION COMPANY   |                  |                    |  |  |                           | <b>7. OPERATOR PHONE</b><br>435 646-4825  |                            |                                    |              |              |               |                 |  |  |
| <b>8. ADDRESS OF OPERATOR</b><br>Rt 3 Box 3630 , Myton, UT, 84052   |                  |                    |  |  |                           | <b>9. OPERATOR E-MAIL</b><br>mcrozier@newfield.com  |                            |                                    |              |              |               |                 |  |  |
| <b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b><br>UTU-034217A  |                  |                    | <b>11. MINERAL OWNERSHIP</b><br>FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>    |  |                           | <b>12. SURFACE OWNERSHIP</b><br>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>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>  |                            |                                    |              |              |               |                 |  |  |
| <b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>   |                  |                    |  |  |                           | <b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>   |                            |                                    |              |              |               |                 |  |  |
| <b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>   |                  |                    | <b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b><br>YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/> |  |                           | <b>19. SLANT</b><br>VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>                               |                            |                                    |              |              |               |                 |  |  |
| <b>20. LOCATION OF WELL</b>   |                  | <b>FOOTAGES</b>    |  | <b>QTR-QTR</b>   |                           | <b>SECTION</b>  |                            | <b>TOWNSHIP</b>                    |              | <b>RANGE</b> |               | <b>MERIDIAN</b> |  |  |
| LOCATION AT SURFACE   |                  | 1754 FSL 2024 FEL  |  | NWSE   |                           | 5   |                            | 9.0 S                              |              | 16.0 E       |               | S               |  |  |
| Top of Uppermost Producing Zone   |                  | 1367 FSL 2024 FEL  |  | NWSE   |                           | 5   |                            | 9.0 S                              |              | 16.0 E       |               | S               |  |  |
| At Total Depth  |                  | 1048 FSL 2035 FEL  |  | SWSE   |                           | 5   |                            | 9.0 S                              |              | 16.0 E       |               | S               |  |  |
| <b>21. COUNTY</b><br>DUCHESNE   |                  |                    | <b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b><br>272  |  |                           | <b>23. NUMBER OF ACRES IN DRILLING UNIT</b><br>10   |                            |                                    |              |              |               |                 |  |  |
|   |                  |                    | <b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b><br>540  |  |                           | <b>26. PROPOSED DEPTH</b><br>MD: 6222 TVD: 6176   |                            |                                    |              |              |               |                 |  |  |
| <b>27. ELEVATION - GROUND LEVEL</b><br>5842   |                  |                    | <b>28. BOND NUMBER</b><br>WYB000493  |  |                           | <b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b><br>437478  |                            |                                    |              |              |               |                 |  |  |
| <b>Hole, Casing, and Cement Information</b>   |                  |                    |  |  |                           |   |                            |                                    |              |              |               |                 |  |  |
| <b>String</b>   | <b>Hole Size</b> | <b>Casing Size</b> | <b>Length</b>  | <b>Weight</b>  | <b>Grade &amp; Thread</b> | <b>Max Mud Wt.</b>  | <b>Cement</b>              |                                    | <b>Sacks</b> | <b>Yield</b> | <b>Weight</b> |                 |  |  |
| 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 - 6222   | 15.5   | J-55 LT&C                 | 8.3   | Premium Lite High Strength |                                    | 292          | 3.26         | 11.0          |                 |  |  |
|   |                  |                    |  |  |                           |   | 50/50 Poz                  |                                    | 363          | 1.24         | 14.3          |                 |  |  |
| <b>ATTACHMENTS</b>  |                  |                    |  |  |                           |   |                            |                                    |              |              |               |                 |  |  |
| <b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>   |                  |                    |  |  |                           |   |                            |                                    |              |              |               |                 |  |  |
| <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> Mandie Crozier  |                  |                    |  | <b>TITLE</b> Regulatory Tech   |                           |   |                            | <b>PHONE</b> 435 646-4825          |              |              |               |                 |  |  |
| <b>SIGNATURE</b>  |                  |                    |  | <b>DATE</b> 11/13/2013   |                           |   |                            | <b>EMAIL</b> mcrozier@newfield.com |              |              |               |                 |  |  |
| <b>API NUMBER ASSIGNED</b><br>43013526750000  |                  |                    |  | <b>APPROVAL</b><br><br>Permit Manager |                           |   |                            |                                    |              |              |               |                 |  |  |

NEWFIELD PRODUCTION COMPANY  
GMBU 126-5-9-16  
AT SURFACE: NW/SE SECTION 5, T9S R16E  
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' – 1710'            |
| Green River        | 1710'                 |
| Wasatch            | 6330'                 |
| <b>Proposed TD</b> | 6222'(MD) 6176' (TVD) |

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

Green River Formation (Oil) 1710' – 6330'

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 126-5-9-16**

| Size                     | Interval |        | Weight | Grade | Coupling | Design Factors |                |                  |
|--------------------------|----------|--------|--------|-------|----------|----------------|----------------|------------------|
|                          | Top      | Bottom |        |       |          | Burst          | Collapse       | Tension          |
| Surface casing<br>8-5/8" | 0'       | 300'   | 24.0   | J-55  | STC      | 2,950<br>17.53 | 1,370<br>14.35 | 244,000<br>33.89 |
| Prod casing<br>5-1/2"    | 0'       | 6,222' | 15.5   | J-55  | LTC      | 4,810<br>2.43  | 4,040<br>2.04  | 217,000<br>2.25  |

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 126-5-9-16**

| 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<br>Lead | 4,222' | Prem Lite II w/ 10% gel + 3% KCl | 292             | 30%        | 11.0         | 3.26                        |
|                     |        |                                  | 951             |            |              |                             |
| Prod casing<br>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. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

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

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

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

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

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

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

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

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

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

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

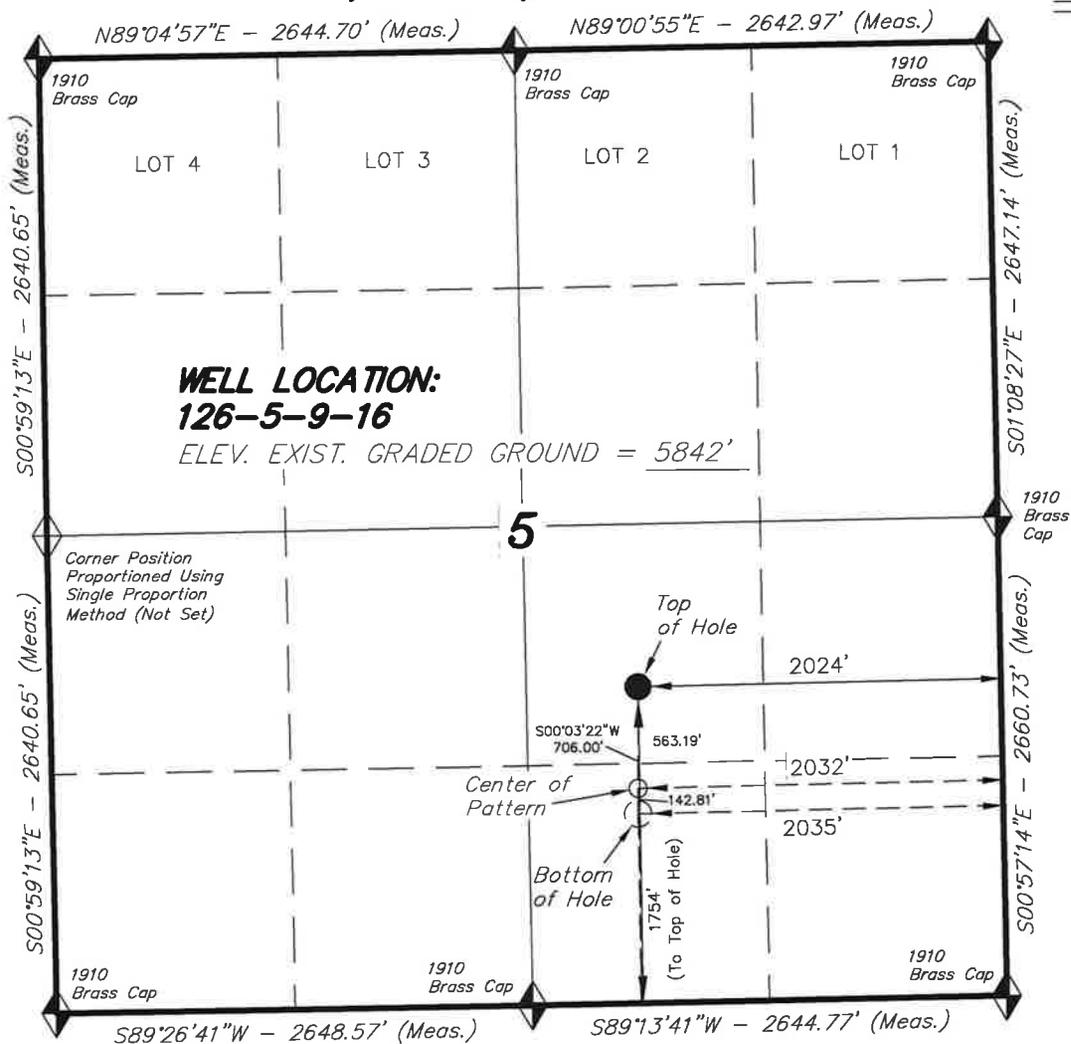
bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

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

It is anticipated that the drilling operations will commence the first quarter of 2014, and take approximately seven (7) days from spud to rig release.

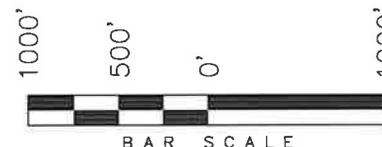
# T9S, R16E, S.L.B.&M.

## NEWFIELD EXPLORATION COMPANY



WELL LOCATION, 126-5-9-16, LOCATED AS SHOWN IN THE NW 1/4 SE 1/4 OF SECTION 5, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

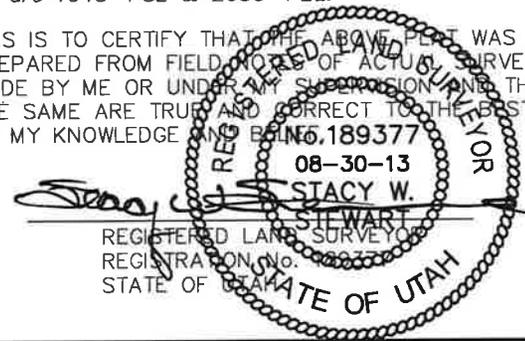
TARGET BOTTOM HOLE, 126-5-9-16, LOCATED AS SHOWN IN THE SW 1/4 SE 1/4 OF SECTION 5, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



**NOTES:**

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. The Center of Pattern footages are 1191' FSL & 2032' FEL.
4. The Bottom of Hole footages are 1048' FSL & 2035' FEL.

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

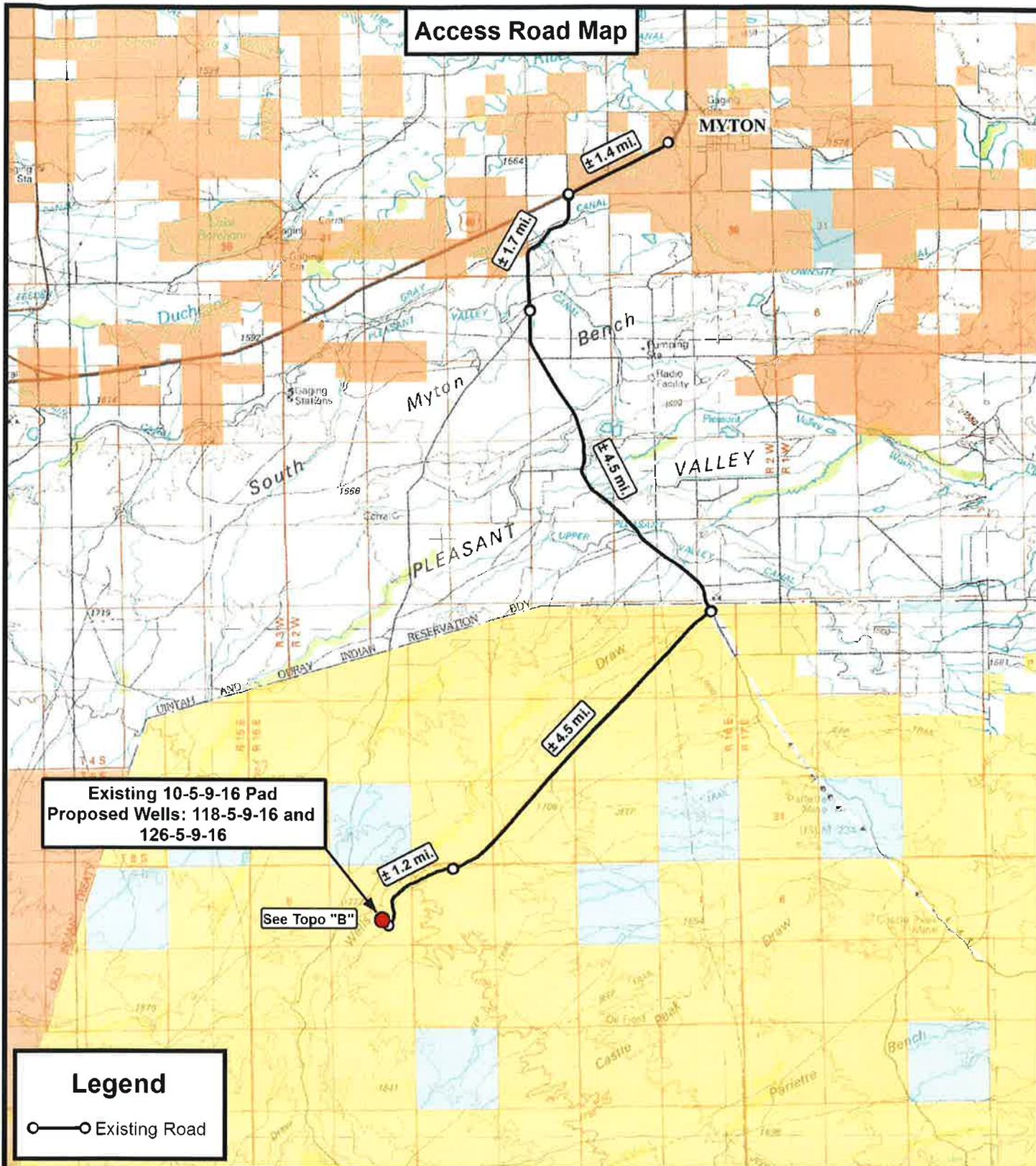
BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

|                                   |                                      |
|-----------------------------------|--------------------------------------|
| <b>NAD 83 (SURFACE LOCATION)</b>  |                                      |
| LATITUDE = 40°03'26.82"           |                                      |
| LONGITUDE = 110°08'27.66"         |                                      |
| <b>NAD 27 (SURFACE LOCATION)</b>  |                                      |
| LATITUDE = 40°03'26.96"           |                                      |
| LONGITUDE = 110°08'25.12"         |                                      |
| <b>NAD 83 (CENTER OF PATTERN)</b> | <b>NAD 83 (BOTTOM HOLE LOCATION)</b> |
| LATITUDE = 40°03'21.26"           | LATITUDE = 40°03'19.85"              |
| LONGITUDE = 110°08'27.78"         | LONGITUDE = 110°08'27.81"            |
| <b>NAD 27 (CENTER OF PATTERN)</b> | <b>NAD 27 (BOTTOM HOLE LOCATION)</b> |
| LATITUDE = 40°03'21.40"           | LATITUDE = 40°03'19.99"              |
| LONGITUDE = 110°08'25.23"         | LONGITUDE = 110°08'25.26"            |

### TRI STATE LAND SURVEYING & CONSULTING

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

|                            |                   |          |
|----------------------------|-------------------|----------|
| DATE SURVEYED:<br>07-31-13 | SURVEYED BY: C.S. | VERSION: |
| DATE DRAWN:<br>08-30-13    | DRAWN BY: F.T.M.  | V1       |
| REVISED:                   | SCALE: 1" = 1000' |          |



**Tri State**  
**Land Surveying, Inc.**  
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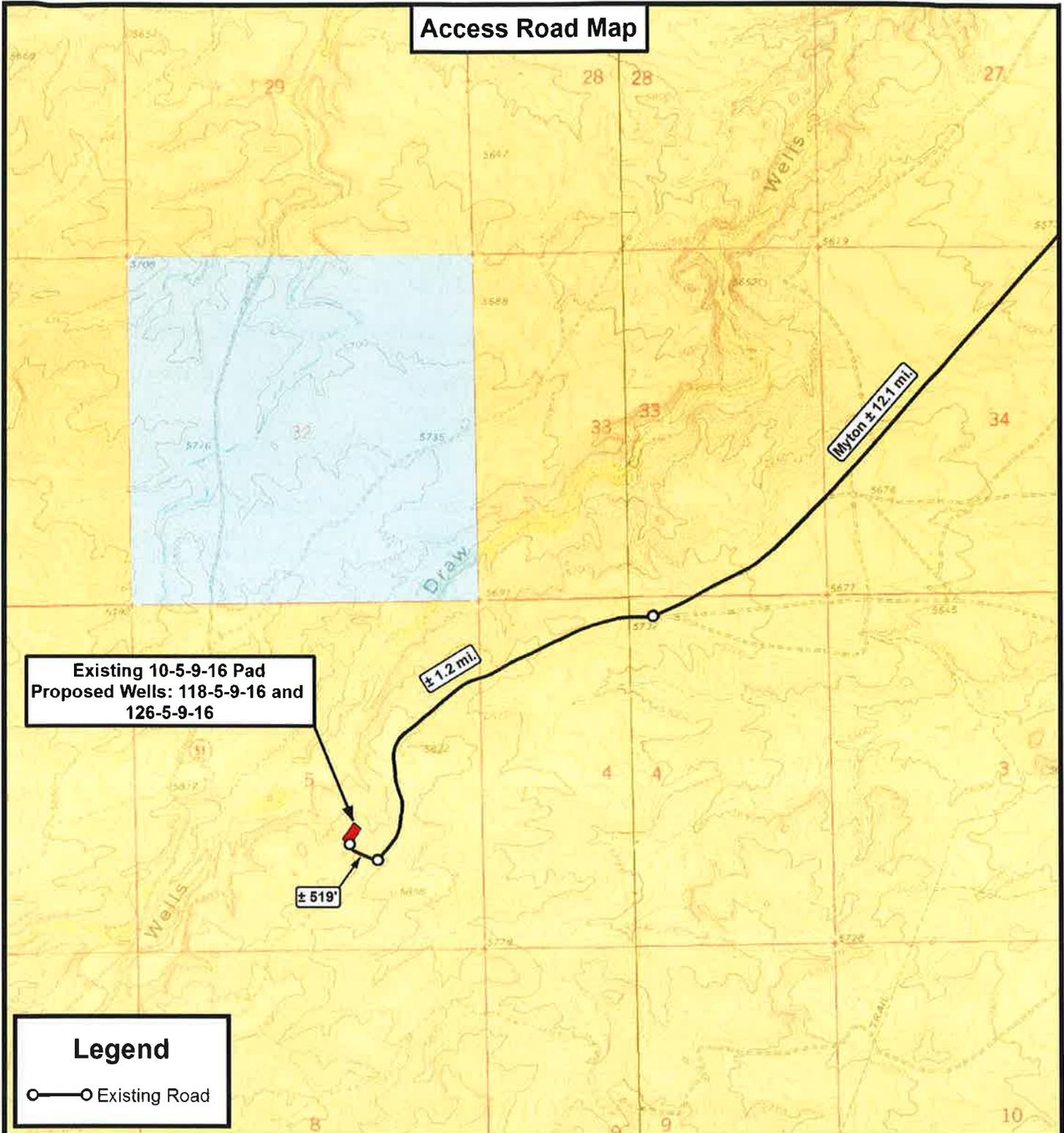
**NEWFIELD EXPLORATION COMPANY**

Existing 10-5-9-16 Pad  
Proposed Wells: 118-5-9-16 and 126-5-9-16  
Sec. 5, T9S, R16E, S.L.B.&M.  
Duchesne County, UT.

|           |            |          |          |
|-----------|------------|----------|----------|
| DRAWN BY: | A.P.C.     | REVISED: | VERSION: |
| DATE:     | 09-06-2013 |          | V1       |
| 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.

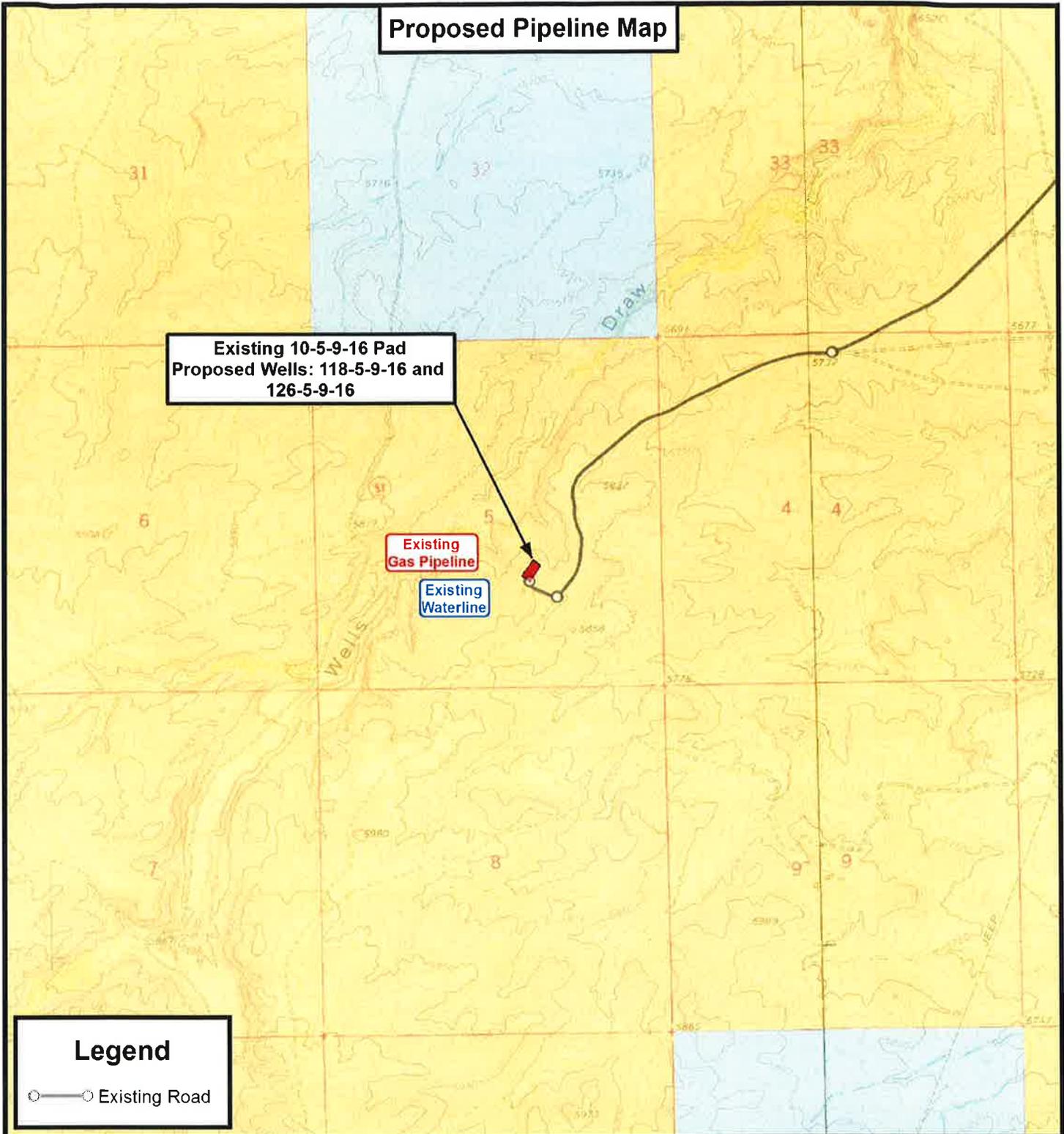
**Tri State Land Surveying, Inc.**  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
 P: (435) 781-2501  
 F: (435) 781-2518



**NEWFIELD EXPLORATION COMPANY**  
 Existing 10-5-9-16 Pad  
 Proposed Wells: 118-5-9-16 and 126-5-9-16  
 Sec. 5, T9S, R16E, S.L.B.&M.  
 Duchesne County, UT.

|           |             |          |          |
|-----------|-------------|----------|----------|
| DRAWN BY: | A.P.C.      | REVISED: | VERSION: |
| DATE:     | 09-06-2013  |          | V1       |
| SCALE:    | 1" = 2,000' |          |          |

**TOPOGRAPHIC MAP** SHEET **B**



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**NEWFIELD EXPLORATION COMPANY**  
 Existing 10-5-9-16 Pad  
 Proposed Wells: 118-5-9-16 and 126-5-9-16  
 Sec. 5, T9S, R16E, S.L.B.&M.  
 Duchesne County, UT.

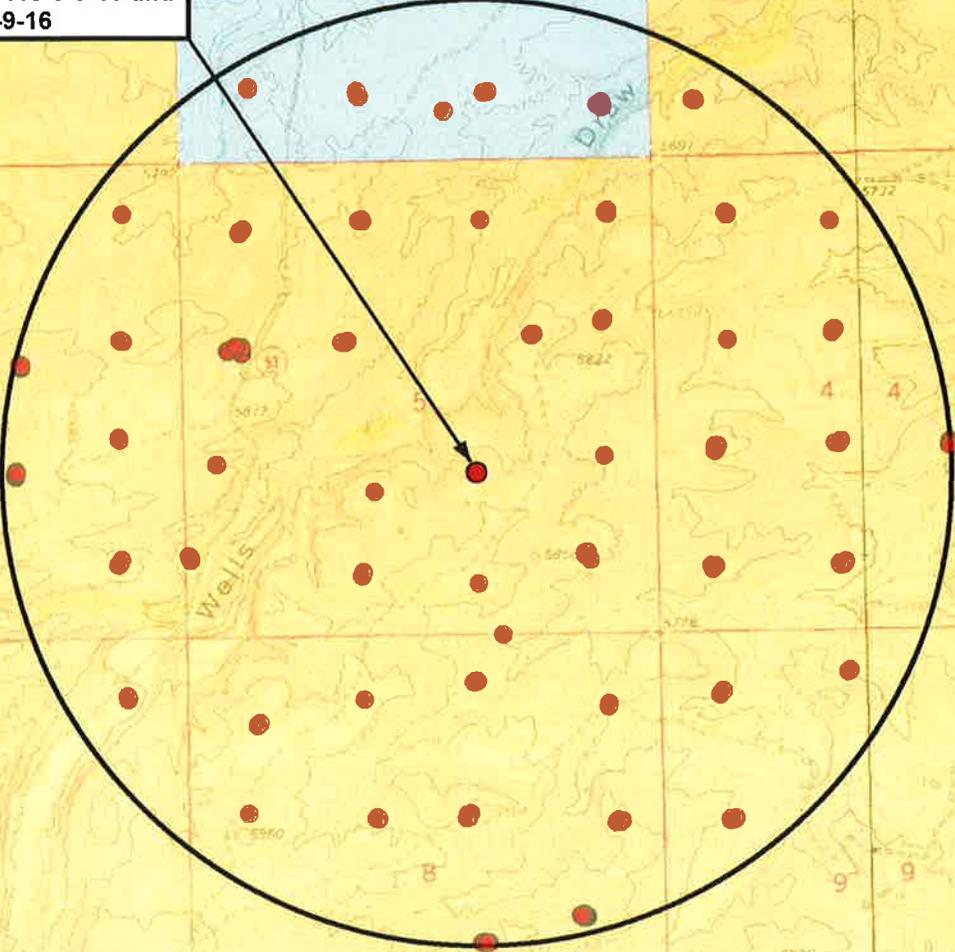
|           |             |          |          |
|-----------|-------------|----------|----------|
| DRAWN BY: | A.P.C.      | REVISED: | VERSION: |
| DATE:     | 09-06-2013  |          | V1       |
| SCALE:    | 1" = 2,000' |          |          |

**TOPOGRAPHIC MAP**

SHEET  
**C**

**Exhibit "B" Map**

**Existing 10-5-9-16 Pad**  
**Proposed Wells: 118-5-9-16 and**  
**126-5-9-16**



**Legend**

-  1 Mile Radius
-  Pad Location

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**NEWFIELD EXPLORATION COMPANY**

**Existing 10-5-9-16 Pad**  
**Proposed Wells: 118-5-9-16 and 126-5-9-16**  
**Sec. 5, T9S, R16E, S.L.B.&M.**  
**Duchesne County, UT.**

|           |             |          |           |
|-----------|-------------|----------|-----------|
| DRAWN BY: | A.P.C.      | REVISED: | VERSION:  |
| DATE:     | 09-06-2013  |          | <b>V1</b> |
| SCALE:    | 1" = 2,000' |          |           |

**TOPOGRAPHIC MAP**

SHEET  
**D**

## Coordinate Report

| Well Number | Feature Type      | Latitude (NAD 83) (DMS) | Longitude (NAD 83) (DMS) |
|-------------|-------------------|-------------------------|--------------------------|
| 10-5-9-16   | Surface Hole      | 40° 03' 27.24" N        | 110° 08' 27.72" W        |
| 118-5-9-16  | Surface Hole      | 40° 03' 27.03" N        | 110° 08' 27.69" W        |
| 126-5-9-16  | Surface Hole      | 40° 03' 26.82" N        | 110° 08' 27.66" W        |
| 118-5-9-16  | Center of Pattern | 40° 03' 34.27" N        | 110° 08' 25.28" W        |
| 126-5-9-16  | Center of Pattern | 40° 03' 21.26" N        | 110° 08' 27.78" W        |
| 118-5-9-16  | Bottom of Hole    | 40° 03' 36.17" N        | 110° 08' 24.65" W        |
| 126-5-9-16  | Bottom of Hole    | 40° 03' 19.85" N        | 110° 08' 27.81" W        |

| Well Number | Feature Type      | Latitude (NAD 83) (DD) | Longitude (NAD 83) (DD) |
|-------------|-------------------|------------------------|-------------------------|
| 10-5-9-16   | Surface Hole      | 40.057567              | 110.141033              |
| 118-5-9-16  | Surface Hole      | 40.057509              | 110.141025              |
| 126-5-9-16  | Surface Hole      | 40.057451              | 110.141017              |
| 118-5-9-16  | Center of Pattern | 40.059520              | 110.140355              |
| 126-5-9-16  | Center of Pattern | 40.055905              | 110.141050              |
| 118-5-9-16  | Bottom of Hole    | 40.060046              | 110.140179              |
| 126-5-9-16  | Bottom of Hole    | 40.055513              | 110.141058              |

| Well Number | Feature Type      | Northing (NAD 83) (UTM Meters) | Longitude (NAD 83) (UTM Meters) |
|-------------|-------------------|--------------------------------|---------------------------------|
| 10-5-9-16   | Surface Hole      | 4434500.000                    | 573260.075                      |
| 118-5-9-16  | Surface Hole      | 4434493.569                    | 573260.780                      |
| 126-5-9-16  | Surface Hole      | 4434487.146                    | 573261.482                      |
| 118-5-9-16  | Center of Pattern | 4434717.376                    | 573315.783                      |
| 126-5-9-16  | Center of Pattern | 4434315.592                    | 573260.362                      |
| 118-5-9-16  | Bottom of Hole    | 4434775.939                    | 573330.176                      |
| 126-5-9-16  | Bottom of Hole    | 4434272.089                    | 573260.078                      |

| Well Number | Feature Type      | Latitude (NAD 27) (DMS) | Longitude (NAD 27) (DMS) |
|-------------|-------------------|-------------------------|--------------------------|
| 10-5-9-16   | Surface Hole      | 40° 03' 27.38" N        | 110° 08' 25.17" W        |
| 118-5-9-16  | Surface Hole      | 40° 03' 27.17" N        | 110° 08' 25.14" W        |
| 126-5-9-16  | Surface Hole      | 40° 03' 26.96" N        | 110° 08' 25.12" W        |
| 118-5-9-16  | Center of Pattern | 40° 03' 34.41" N        | 110° 08' 22.73" W        |
| 126-5-9-16  | Center of Pattern | 40° 03' 21.40" N        | 110° 08' 25.23" W        |
| 118-5-9-16  | Bottom of Hole    | 40° 03' 36.30" N        | 110° 08' 22.10" W        |
| 126-5-9-16  | Bottom of Hole    | 40° 03' 19.99" N        | 110° 08' 25.26" 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 10-5-9-16 Pad  
Proposed Wells: 118-5-9-16 and 126-5-9-16  
Sec. 5, T9S, R16E, S.L.B.&M.  
Duchesne County, UT.

DRAWN BY: A.P.C.  
DATE: 09-06-2013  
VERSION: V1

REVISED:

**COORDINATE REPORT**

SHEET

**1**





# **NEWFIELD EXPLORATION**

**USGS Myton SW (UT)**

**SECTION 5 T9, R16**

**126-5-9-16**

**Wellbore #1**

**Plan: Design #1**

## **Standard Planning Report**

**29 August, 2013**





**Payzone Directional**  
Planning Report



|                  |                            |                                     |  |
|------------------|----------------------------|-------------------------------------|--|
| <b>Database:</b> | EDM 2003.21 Single User Db | <b>Local Co-ordinate Reference:</b> | Well 126-5-9-16                            |
| <b>Company:</b>  | NEWFIELD EXPLORATION       | <b>TVD Reference:</b>               | 126-5-9-16 @ 5852.0ft (Original Well Elev) |
| <b>Project:</b>  | USGS Myton SW (UT)         | <b>MD Reference:</b>                | 126-5-9-16 @ 5852.0ft (Original Well Elev) |
| <b>Site:</b>     | SECTION 5 T9, R16          | <b>North Reference:</b>             | True                                       |
| <b>Well:</b>     | 126-5-9-16                 | <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 5 T9, R16, SEC 5 T8S, R16E |                     |                 |                          |                  |
| <b>Site Position:</b>        |                                    | <b>Northing:</b>    | 7,198,917.07 ft | <b>Latitude:</b>         | 40° 4' 30.000 N  |
| <b>From:</b>                 | Lat/Long                           | <b>Easting:</b>     | 2,019,727.79 ft | <b>Longitude:</b>        | 110° 8' 40.000 W |
| <b>Position Uncertainty:</b> | 0.0 ft                             | <b>Slot Radius:</b> | "               | <b>Grid Convergence:</b> | 0.87 °           |

|                             |  |             |                            |                 |                      |                  |
|-----------------------------|--|-------------|----------------------------|-----------------|----------------------|------------------|
| <b>Well</b>                 | 126-5-9-16, SHL LAT: 40 03 26.82 LONG: -110 08 27.66 |             |                            |                 |                      |                  |
| <b>Well Position</b>        | <b>+N/-S</b>   | -6,392.7 ft | <b>Northing:</b>           | 7,192,539.65 ft | <b>Latitude:</b>     | 40° 3' 26.820 N  |
|                             | <b>+E/-W</b>   | 959.2 ft    | <b>Easting:</b>            | 2,020,784.00 ft | <b>Longitude:</b>    | 110° 8' 27.660 W |
| <b>Position Uncertainty</b> |  | 0.0 ft      | <b>Wellhead Elevation:</b> | 5,852.0 ft      | <b>Ground Level:</b> | 5,842.0 ft       |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <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          | 8/29/2013          | 11.06                  | 65.73                | 52,046                     |

|                          |                              |                   |                      |                      |
|--------------------------|------------------------------|-------------------|----------------------|----------------------|
| <b>Design</b>            | Design #1                    |                   |                      |                      |
| <b>Audit Notes:</b>      |                              |                   |                      |                      |
| <b>Version:</b>          | <b>Phase:</b>                | PROTOTYPE         | <b>Tie On Depth:</b> | 0.0                  |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (ft)</b> | <b>+N/-S (ft)</b> | <b>+E/-W (ft)</b>    | <b>Direction (°)</b> |
|                          | 0.0                          | 0.0               | 0.0                  | 180.06               |

| <b>Plan Sections</b> |                 |             |                     |            |            |                       |                      |                     |         |                |
|----------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|----------------------|---------------------|---------|----------------|
| 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    |                |
| 1,103.6              | 7.55            | 180.06      | 1,102.2             | -33.2      | 0.0        | 1.50                  | 1.50                 | 0.00                | 180.06  |                |
| 5,135.4              | 7.55            | 180.06      | 5,099.0             | -563.2     | -0.6       | 0.00                  | 0.00                 | 0.00                | 0.00    | 126-5-9-16 TGT |
| 6,221.9              | 7.55            | 180.06      | 6,176.0             | -706.0     | -0.7       | 0.00                  | 0.00                 | 0.00                | 0.00    |                |



**Payzone Directional**  
Planning Report



|                  |                            |                                     |  |
|------------------|----------------------------|-------------------------------------|--|
| <b>Database:</b> | EDM 2003.21 Single User Db | <b>Local Co-ordinate Reference:</b> | Well 126-5-9-16                            |
| <b>Company:</b>  | NEWFIELD EXPLORATION       | <b>TVD Reference:</b>               | 126-5-9-16 @ 5852.0ft (Original Well Elev) |
| <b>Project:</b>  | USGS Myton SW (UT)         | <b>MD Reference:</b>                | 126-5-9-16 @ 5852.0ft (Original Well Elev) |
| <b>Site:</b>     | SECTION 5 T9, R16          | <b>North Reference:</b>             | True                                       |
| <b>Well:</b>     | 126-5-9-16                 | <b>Survey Calculation Method:</b>   | Minimum Curvature                          |
| <b>Wellbore:</b> | Wellbore #1                |                                     |  |
| <b>Design:</b>   | 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            | 180.06      | 700.0               | -1.3       | 0.0        | 1.3                   | 1.50                  | 1.50                 | 0.00                |
| 800.0               | 3.00            | 180.06      | 799.9               | -5.2       | 0.0        | 5.2                   | 1.50                  | 1.50                 | 0.00                |
| 900.0               | 4.50            | 180.06      | 899.7               | -11.8      | 0.0        | 11.8                  | 1.50                  | 1.50                 | 0.00                |
| 1,000.0             | 6.00            | 180.06      | 999.3               | -20.9      | 0.0        | 20.9                  | 1.50                  | 1.50                 | 0.00                |
| 1,103.6             | 7.55            | 180.06      | 1,102.2             | -33.2      | 0.0        | 33.2                  | 1.50                  | 1.50                 | 0.00                |
| 1,200.0             | 7.55            | 180.06      | 1,197.7             | -45.8      | 0.0        | 45.8                  | 0.00                  | 0.00                 | 0.00                |
| 1,300.0             | 7.55            | 180.06      | 1,296.8             | -59.0      | -0.1       | 59.0                  | 0.00                  | 0.00                 | 0.00                |
| 1,400.0             | 7.55            | 180.06      | 1,396.0             | -72.1      | -0.1       | 72.1                  | 0.00                  | 0.00                 | 0.00                |
| 1,500.0             | 7.55            | 180.06      | 1,495.1             | -85.3      | -0.1       | 85.3                  | 0.00                  | 0.00                 | 0.00                |
| 1,600.0             | 7.55            | 180.06      | 1,594.2             | -98.4      | -0.1       | 98.4                  | 0.00                  | 0.00                 | 0.00                |
| 1,700.0             | 7.55            | 180.06      | 1,693.4             | -111.6     | -0.1       | 111.6                 | 0.00                  | 0.00                 | 0.00                |
| 1,800.0             | 7.55            | 180.06      | 1,792.5             | -124.7     | -0.1       | 124.7                 | 0.00                  | 0.00                 | 0.00                |
| 1,900.0             | 7.55            | 180.06      | 1,891.6             | -137.8     | -0.1       | 137.8                 | 0.00                  | 0.00                 | 0.00                |
| 2,000.0             | 7.55            | 180.06      | 1,990.8             | -151.0     | -0.2       | 151.0                 | 0.00                  | 0.00                 | 0.00                |
| 2,100.0             | 7.55            | 180.06      | 2,089.9             | -164.1     | -0.2       | 164.1                 | 0.00                  | 0.00                 | 0.00                |
| 2,200.0             | 7.55            | 180.06      | 2,189.0             | -177.3     | -0.2       | 177.3                 | 0.00                  | 0.00                 | 0.00                |
| 2,300.0             | 7.55            | 180.06      | 2,288.2             | -190.4     | -0.2       | 190.4                 | 0.00                  | 0.00                 | 0.00                |
| 2,400.0             | 7.55            | 180.06      | 2,387.3             | -203.6     | -0.2       | 203.6                 | 0.00                  | 0.00                 | 0.00                |
| 2,500.0             | 7.55            | 180.06      | 2,486.4             | -216.7     | -0.2       | 216.7                 | 0.00                  | 0.00                 | 0.00                |
| 2,600.0             | 7.55            | 180.06      | 2,585.6             | -229.9     | -0.2       | 229.9                 | 0.00                  | 0.00                 | 0.00                |
| 2,700.0             | 7.55            | 180.06      | 2,684.7             | -243.0     | -0.3       | 243.0                 | 0.00                  | 0.00                 | 0.00                |
| 2,800.0             | 7.55            | 180.06      | 2,783.8             | -256.2     | -0.3       | 256.2                 | 0.00                  | 0.00                 | 0.00                |
| 2,900.0             | 7.55            | 180.06      | 2,883.0             | -269.3     | -0.3       | 269.3                 | 0.00                  | 0.00                 | 0.00                |
| 3,000.0             | 7.55            | 180.06      | 2,982.1             | -282.5     | -0.3       | 282.5                 | 0.00                  | 0.00                 | 0.00                |
| 3,100.0             | 7.55            | 180.06      | 3,081.2             | -295.6     | -0.3       | 295.6                 | 0.00                  | 0.00                 | 0.00                |
| 3,200.0             | 7.55            | 180.06      | 3,180.3             | -308.7     | -0.3       | 308.7                 | 0.00                  | 0.00                 | 0.00                |
| 3,300.0             | 7.55            | 180.06      | 3,279.5             | -321.9     | -0.3       | 321.9                 | 0.00                  | 0.00                 | 0.00                |
| 3,400.0             | 7.55            | 180.06      | 3,378.6             | -335.0     | -0.4       | 335.0                 | 0.00                  | 0.00                 | 0.00                |
| 3,500.0             | 7.55            | 180.06      | 3,477.7             | -348.2     | -0.4       | 348.2                 | 0.00                  | 0.00                 | 0.00                |
| 3,600.0             | 7.55            | 180.06      | 3,576.9             | -361.3     | -0.4       | 361.3                 | 0.00                  | 0.00                 | 0.00                |
| 3,700.0             | 7.55            | 180.06      | 3,676.0             | -374.5     | -0.4       | 374.5                 | 0.00                  | 0.00                 | 0.00                |
| 3,800.0             | 7.55            | 180.06      | 3,775.1             | -387.6     | -0.4       | 387.6                 | 0.00                  | 0.00                 | 0.00                |
| 3,900.0             | 7.55            | 180.06      | 3,874.3             | -400.8     | -0.4       | 400.8                 | 0.00                  | 0.00                 | 0.00                |
| 4,000.0             | 7.55            | 180.06      | 3,973.4             | -413.9     | -0.4       | 413.9                 | 0.00                  | 0.00                 | 0.00                |
| 4,100.0             | 7.55            | 180.06      | 4,072.5             | -427.1     | -0.4       | 427.1                 | 0.00                  | 0.00                 | 0.00                |
| 4,200.0             | 7.55            | 180.06      | 4,171.7             | -440.2     | -0.5       | 440.2                 | 0.00                  | 0.00                 | 0.00                |
| 4,300.0             | 7.55            | 180.06      | 4,270.8             | -453.4     | -0.5       | 453.4                 | 0.00                  | 0.00                 | 0.00                |
| 4,400.0             | 7.55            | 180.06      | 4,369.9             | -466.5     | -0.5       | 466.5                 | 0.00                  | 0.00                 | 0.00                |
| 4,500.0             | 7.55            | 180.06      | 4,469.1             | -479.7     | -0.5       | 479.7                 | 0.00                  | 0.00                 | 0.00                |
| 4,600.0             | 7.55            | 180.06      | 4,568.2             | -492.8     | -0.5       | 492.8                 | 0.00                  | 0.00                 | 0.00                |
| 4,700.0             | 7.55            | 180.06      | 4,667.3             | -505.9     | -0.5       | 505.9                 | 0.00                  | 0.00                 | 0.00                |
| 4,800.0             | 7.55            | 180.06      | 4,766.5             | -519.1     | -0.5       | 519.1                 | 0.00                  | 0.00                 | 0.00                |
| 4,900.0             | 7.55            | 180.06      | 4,865.6             | -532.2     | -0.6       | 532.2                 | 0.00                  | 0.00                 | 0.00                |
| 5,000.0             | 7.55            | 180.06      | 4,964.7             | -545.4     | -0.6       | 545.4                 | 0.00                  | 0.00                 | 0.00                |
| 5,100.0             | 7.55            | 180.06      | 5,063.9             | -558.5     | -0.6       | 558.5                 | 0.00                  | 0.00                 | 0.00                |
| 5,135.4             | 7.55            | 180.06      | 5,099.0             | -563.2     | -0.6       | 563.2                 | 0.00                  | 0.00                 | 0.00                |
| 5,200.0             | 7.55            | 180.06      | 5,163.0             | -571.7     | -0.6       | 571.7                 | 0.00                  | 0.00                 | 0.00                |

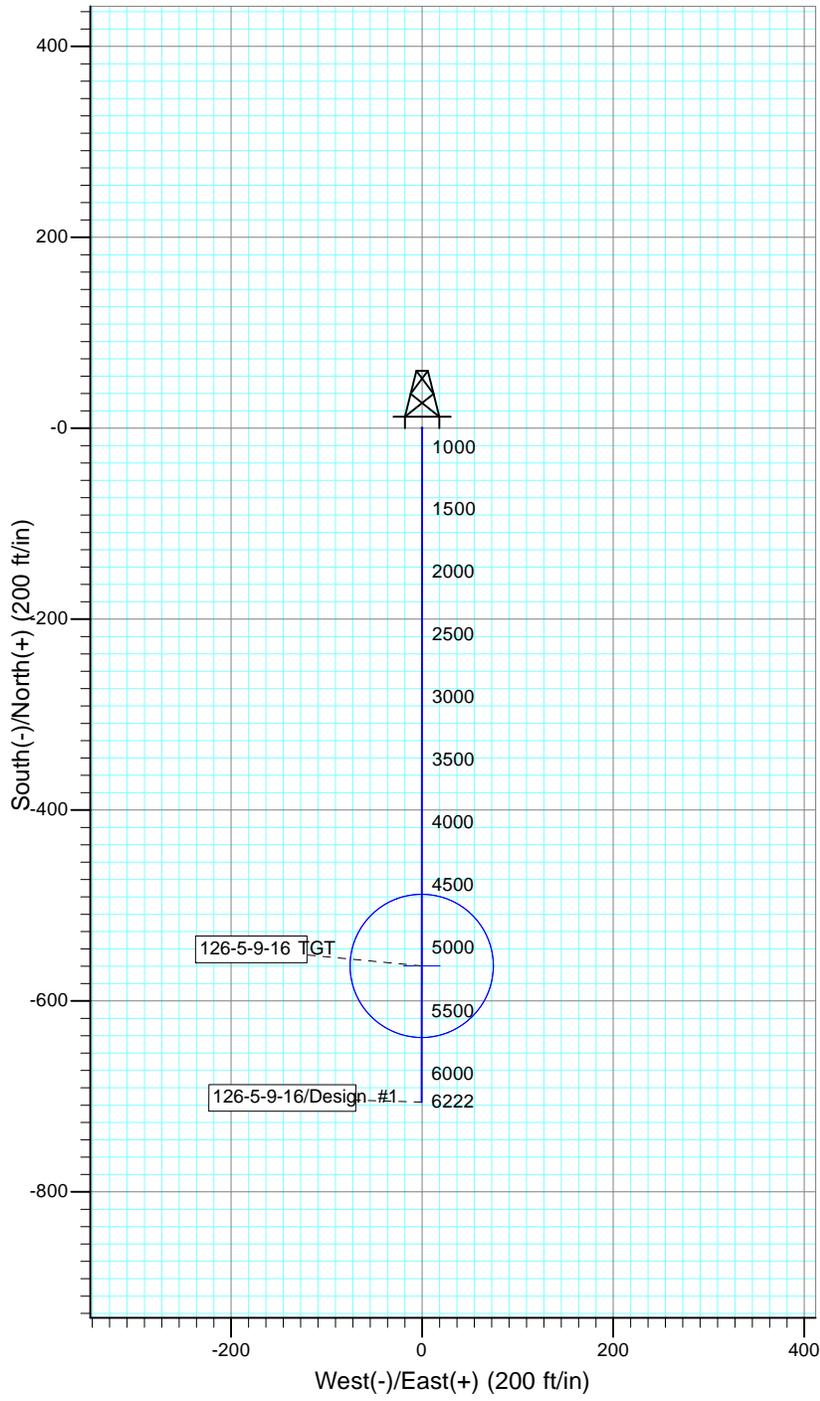
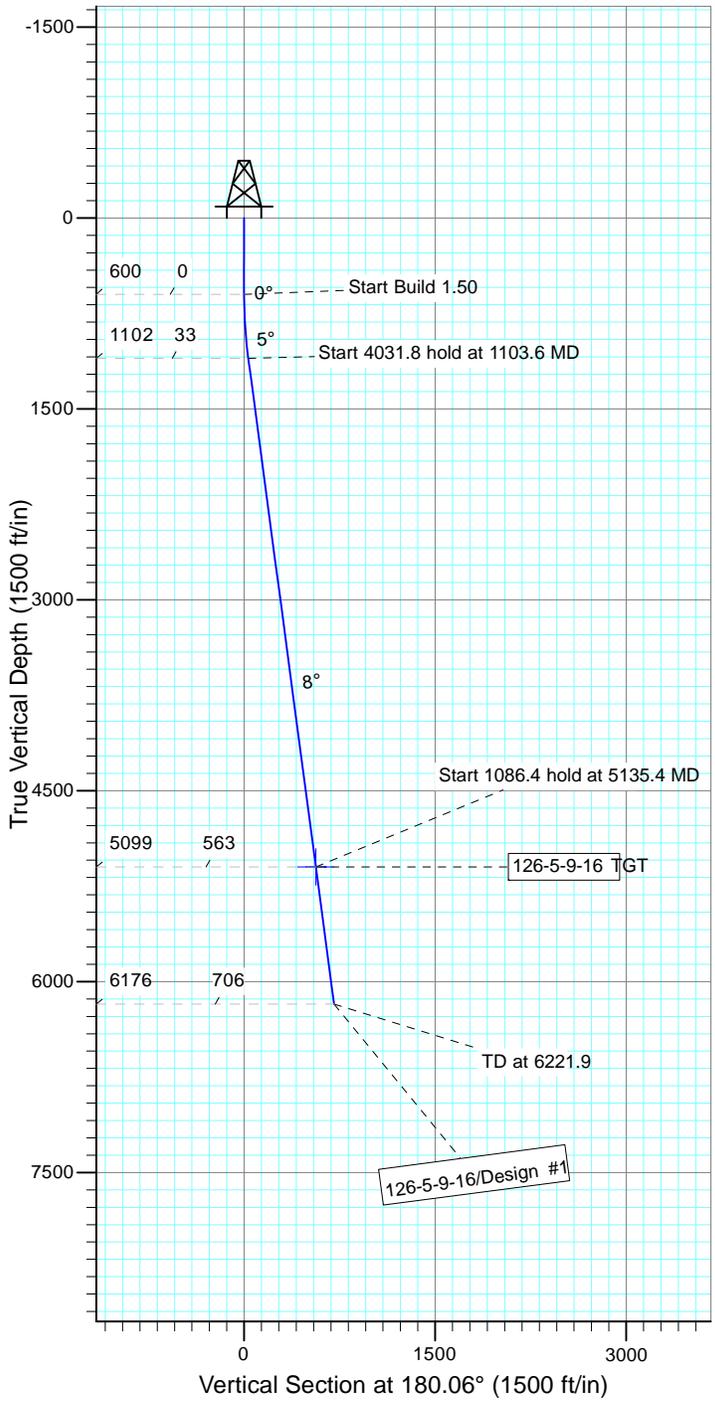


## Payzone Directional Planning Report



|                  |                            |                                     |  |
|------------------|----------------------------|-------------------------------------|--|
| <b>Database:</b> | EDM 2003.21 Single User Db | <b>Local Co-ordinate Reference:</b> | Well 126-5-9-16                            |
| <b>Company:</b>  | NEWFIELD EXPLORATION       | <b>TVD Reference:</b>               | 126-5-9-16 @ 5852.0ft (Original Well Elev) |
| <b>Project:</b>  | USGS Myton SW (UT)         | <b>MD Reference:</b>                | 126-5-9-16 @ 5852.0ft (Original Well Elev) |
| <b>Site:</b>     | SECTION 5 T9, R16          | <b>North Reference:</b>             | True                                       |
| <b>Well:</b>     | 126-5-9-16                 | <b>Survey Calculation Method:</b>   | Minimum Curvature                          |
| <b>Wellbore:</b> | Wellbore #1                |                                     |  |
| <b>Design:</b>   | 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             | 7.55            | 180.06      | 5,262.1             | -584.8     | -0.6       | 584.8                 | 0.00                  | 0.00                 | 0.00                |
| 5,400.0             | 7.55            | 180.06      | 5,361.3             | -598.0     | -0.6       | 598.0                 | 0.00                  | 0.00                 | 0.00                |
| 5,500.0             | 7.55            | 180.06      | 5,460.4             | -611.1     | -0.6       | 611.1                 | 0.00                  | 0.00                 | 0.00                |
| 5,600.0             | 7.55            | 180.06      | 5,559.5             | -624.3     | -0.7       | 624.3                 | 0.00                  | 0.00                 | 0.00                |
| 5,700.0             | 7.55            | 180.06      | 5,658.7             | -637.4     | -0.7       | 637.4                 | 0.00                  | 0.00                 | 0.00                |
| 5,800.0             | 7.55            | 180.06      | 5,757.8             | -650.6     | -0.7       | 650.6                 | 0.00                  | 0.00                 | 0.00                |
| 5,900.0             | 7.55            | 180.06      | 5,856.9             | -663.7     | -0.7       | 663.7                 | 0.00                  | 0.00                 | 0.00                |
| 6,000.0             | 7.55            | 180.06      | 5,956.0             | -676.8     | -0.7       | 676.8                 | 0.00                  | 0.00                 | 0.00                |
| 6,100.0             | 7.55            | 180.06      | 6,055.2             | -690.0     | -0.7       | 690.0                 | 0.00                  | 0.00                 | 0.00                |
| 6,200.0             | 7.55            | 180.06      | 6,154.3             | -703.1     | -0.7       | 703.1                 | 0.00                  | 0.00                 | 0.00                |
| 6,221.9             | 7.55            | 180.06      | 6,176.0             | -706.0     | -0.7       | 706.0                 | 0.00                  | 0.00                 | 0.00                |



WELLBORE TARGET DETAILS

| Name           | TVD    | +N/-S  | +E/-W | Shape                 |
|----------------|--------|--------|-------|-----------------------|
| 126-5-9-16 TGT | 5099.0 | -563.2 | -0.6  | 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   | 1103.6 | 7.55 | 180.06 | 1102.2 | -33.2  | 0.0   | 1.50 | 180.06 | 33.2  |                |
| 4   | 5135.4 | 7.55 | 180.06 | 5099.0 | -563.2 | -0.6  | 0.00 | 0.00   | 563.2 | 126-5-9-16 TGT |
| 5   | 6221.9 | 7.55 | 180.06 | 6176.0 | -706.0 | -0.7  | 0.00 | 0.00   | 706.0 |                |



**NEWFIELD PRODUCTION COMPANY  
GMBU 126-5-9-16  
AT SURFACE: NW/SE SECTION 5, T9S R16E  
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 126-5-9-16 located in the NW 1/4 SE 1/4 Section 5, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 – 1.4 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed in a southeasterly direction – 6.2 miles  $\pm$  to it's junction with an existing road to the southwest; proceed in a southwesterly direction – 5.7 miles  $\pm$  to it's junction with an existing road to the northwest; proceed northwesterly – 519'  $\pm$  to it's junction with the beginning of the access road to the existing 10-5-9-16 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 10-5-9-16 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.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

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

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

A portable toilet will be provided for human waste.

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

8. **ANCILLARY FACILITIES**

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

9. **WELL SITE LAYOUT**

See attached Location Layout Sheet.

**Fencing Requirements**

- 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. State of Utah Antiquities Project Permit # U-13-MQ-0883b, 10/21/13, prepared by Montgomery Archaeological Consultants. Paleontological Resource Survey prepared by, Wade Miller, 10/03/13. See attached report cover pages.

**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 126-5-9-16, 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 126-5-9-16, 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 #126-5-9-16, Section 5, Township 9S, Range 16E: Lease UTU-034217A 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.

\_\_\_\_\_  
11/8/13  
Date

\_\_\_\_\_  
Mandie Crozier  
Regulatory Analyst  
Newfield Production Company

### Typical 2M BOP stack configuration



2M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

# NEWFIELD EXPLORATION COMPANY

## WELL PAD INTERFERENCE PLAT

### EXISTING 10-5-9-16 PAD

### PROPOSED WELLS: 118-5-9-16 AND 126-5-9-16

Pad Location: NWSE Section 5, T9S, R16E, S.L.B.&M

**TOP HOLE FOOTAGES**

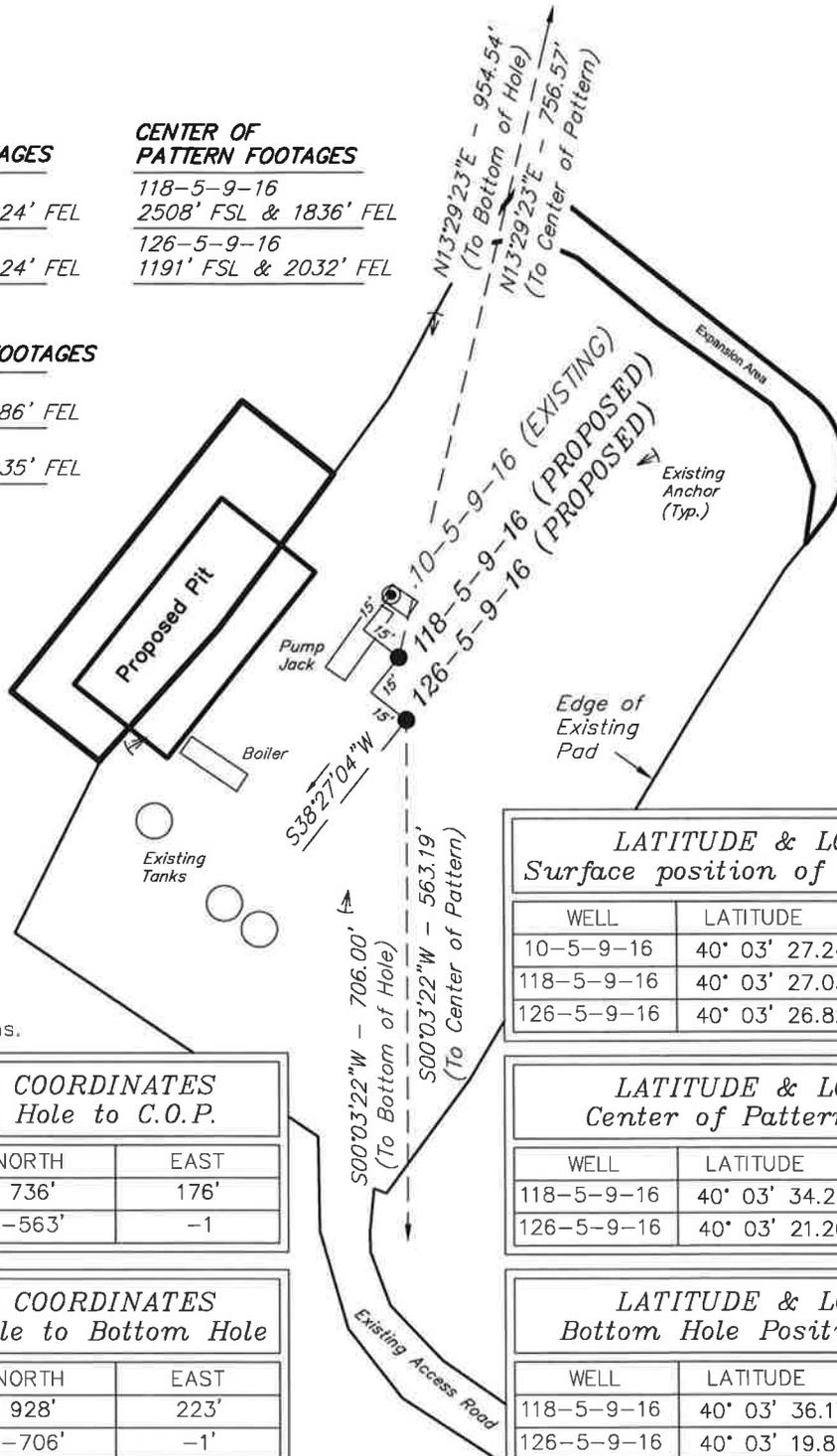
118-5-9-16  
 1775' FSL & 2024' FEL  
 126-5-9-16  
 1754' FSL & 2024' FEL

**CENTER OF PATTERN FOOTAGES**

118-5-9-16  
 2508' FSL & 1836' FEL  
 126-5-9-16  
 1191' FSL & 2032' FEL

**BOTTOM HOLE FOOTAGES**

118-5-9-16  
 2601' FNL & 1786' FEL  
 126-5-9-16  
 1048' FSL & 2035' FEL



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

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

| WELL       | NORTH | EAST |
|------------|-------|------|
| 118-5-9-16 | 736'  | 176' |
| 126-5-9-16 | -563' | -1'  |

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

| WELL       | NORTH | EAST |
|------------|-------|------|
| 118-5-9-16 | 928'  | 223' |
| 126-5-9-16 | -706' | -1'  |

**LATITUDE & LONGITUDE  
 Surface position of Wells (NAD 83)**

| WELL       | LATITUDE       | LONGITUDE       |
|------------|----------------|-----------------|
| 10-5-9-16  | 40° 03' 27.24" | 110° 08' 27.72" |
| 118-5-9-16 | 40° 03' 27.03" | 110° 08' 27.69" |
| 126-5-9-16 | 40° 03' 26.82" | 110° 08' 27.66" |

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

| WELL       | LATITUDE       | LONGITUDE       |
|------------|----------------|-----------------|
| 118-5-9-16 | 40° 03' 34.27" | 110° 08' 25.28" |
| 126-5-9-16 | 40° 03' 21.26" | 110° 08' 27.78" |

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

| WELL       | LATITUDE       | LONGITUDE       |
|------------|----------------|-----------------|
| 118-5-9-16 | 40° 03' 36.17" | 110° 08' 24.65" |
| 126-5-9-16 | 40° 03' 19.85" | 110° 08' 27.81" |

|                   |                         |             |
|-------------------|-------------------------|-------------|
| SURVEYED BY: C.S. | DATE SURVEYED: 07-31-13 | VERSION: V1 |
| DRAWN BY: F.T.M.  | DATE DRAWN: 08-12-13    |             |
| SCALE: 1" = 60'   | REVISED:                |             |

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

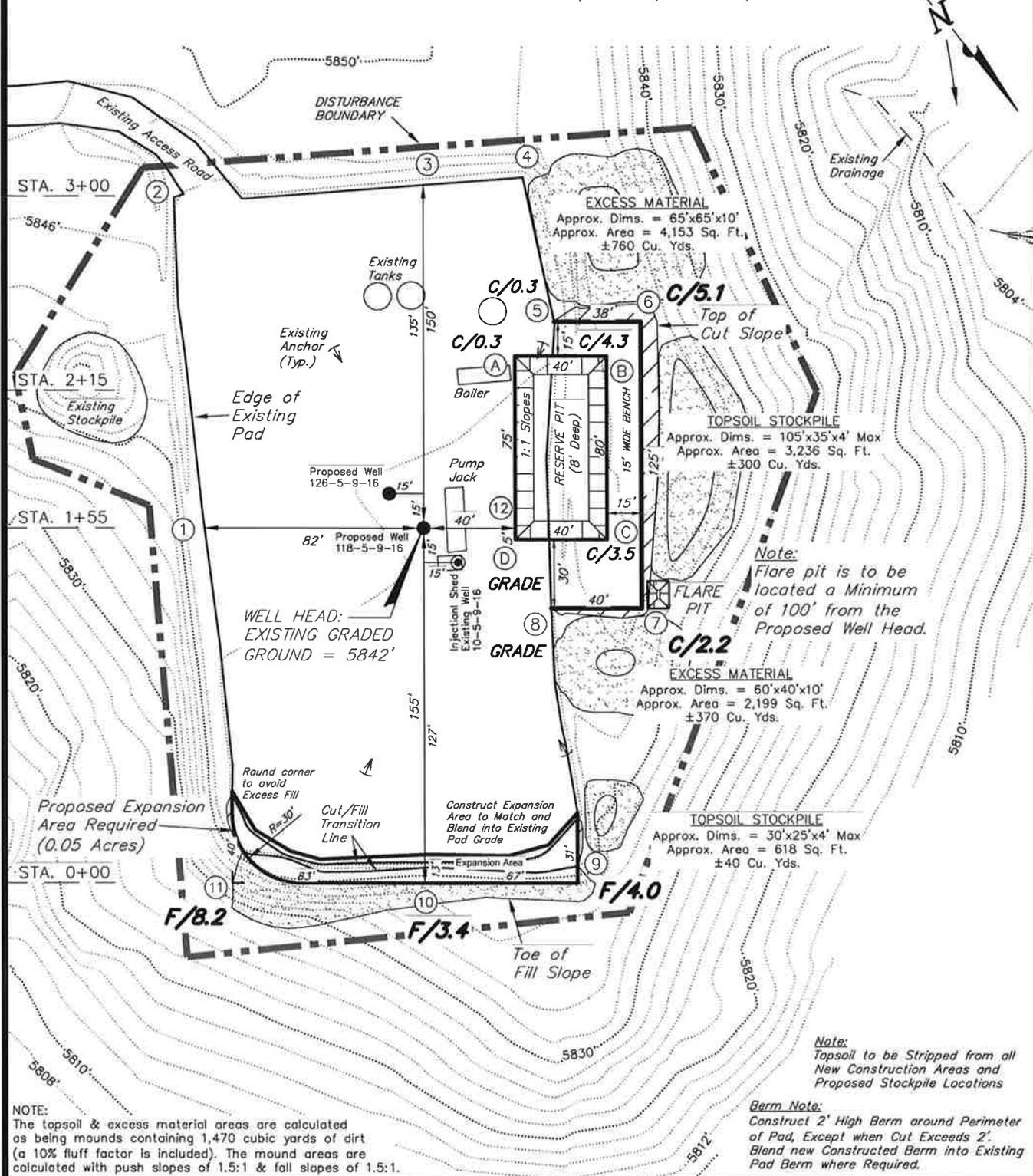
# NEWFIELD EXPLORATION COMPANY

## LOCATION LAYOUT

### EXISTING 10-5-9-16 PAD

### PROPOSED WELLS: 118-5-9-16 AND 126-5-9-16

Pad Location: NWSE Section 5, T9S, R16E, S.L.B.&M



**NOTE:**  
The topsoil & excess material areas are calculated as being mounds containing 1,470 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: C.S. | DATE SURVEYED: 07-31-13 | VERSION: |
| DRAWN BY: F.T.M.  | DATE DRAWN: 08-12-13    | V1       |
| SCALE: 1" = 60'   | REVISED:                |          |

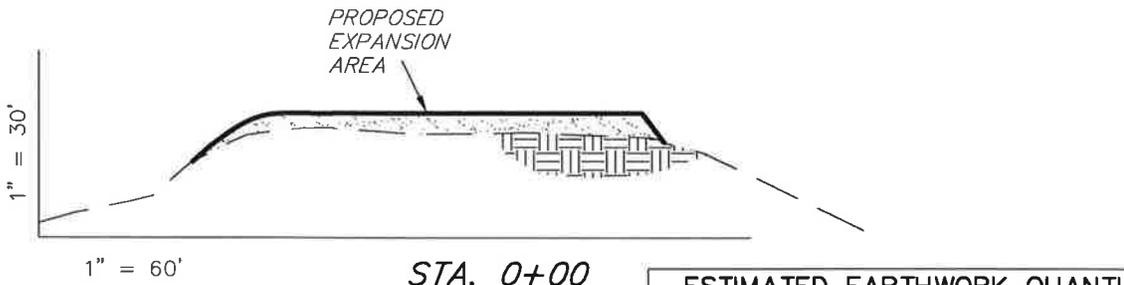
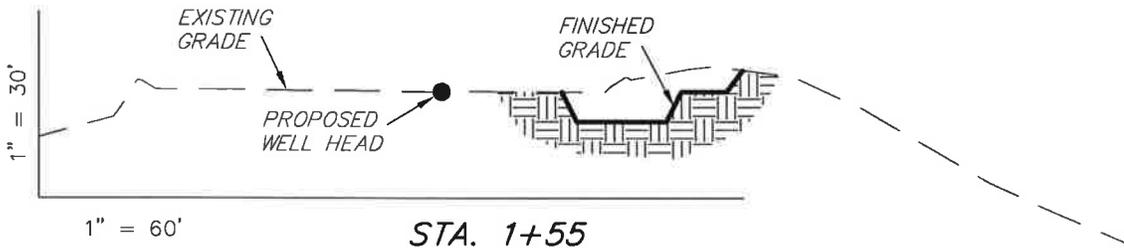
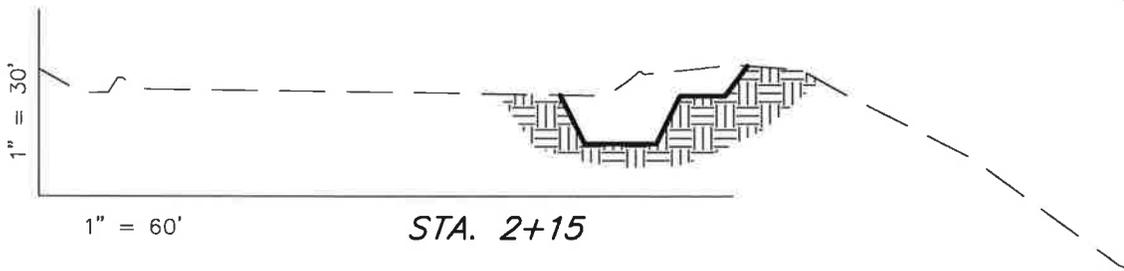
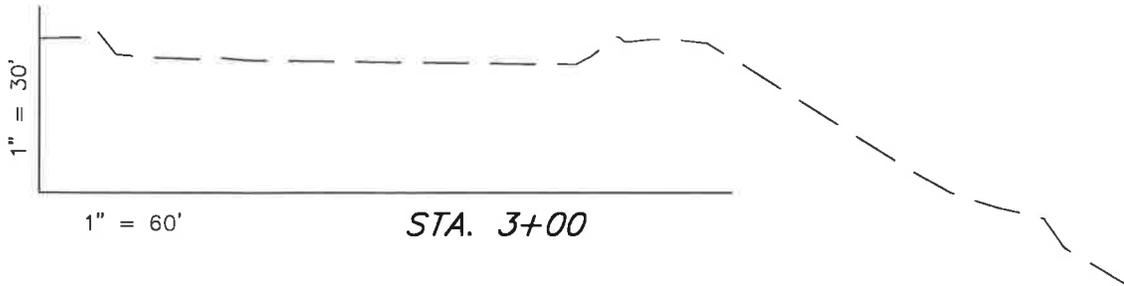
**Tri State Land Surveying, Inc.** (435) 781-2501  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD EXPLORATION COMPANY

## CROSS SECTIONS EXISTING 10-5-9-16 PAD

**PROPOSED WELLS: 118-5-9-16 AND 126-5-9-16**

*Pad Location: NWSE Section 5, T9S, R16E, S.L.B.&M*



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

| ESTIMATED EARTHWORK QUANTITIES<br>(No Shrink or swell adjustments have been used)<br>(Expressed in Cubic Yards) |              |            |  |              |
|---|--------------|------------|--|--------------|
| ITEM  | CUT          | FILL       | 6" TOPSOIL                               | EXCESS       |
| PAD   | 530          | 190        | Topsoil is<br>not included<br>in Pad Cut | 340          |
| PIT   | 690          | 0          |  | 690          |
| <b>TOTALS</b>   | <b>1,220</b> | <b>190</b> | <b>310</b>                               | <b>1,030</b> |

|                   |                         |           |
|-------------------|-------------------------|-----------|
| SURVEYED BY: C.S. | DATE SURVEYED: 07-31-13 | VERSION:  |
| DRAWN BY: F.T.M.  | DATE DRAWN: 08-12-13    | <b>V1</b> |
| SCALE: 1" = 60'   | REVISED:                |           |

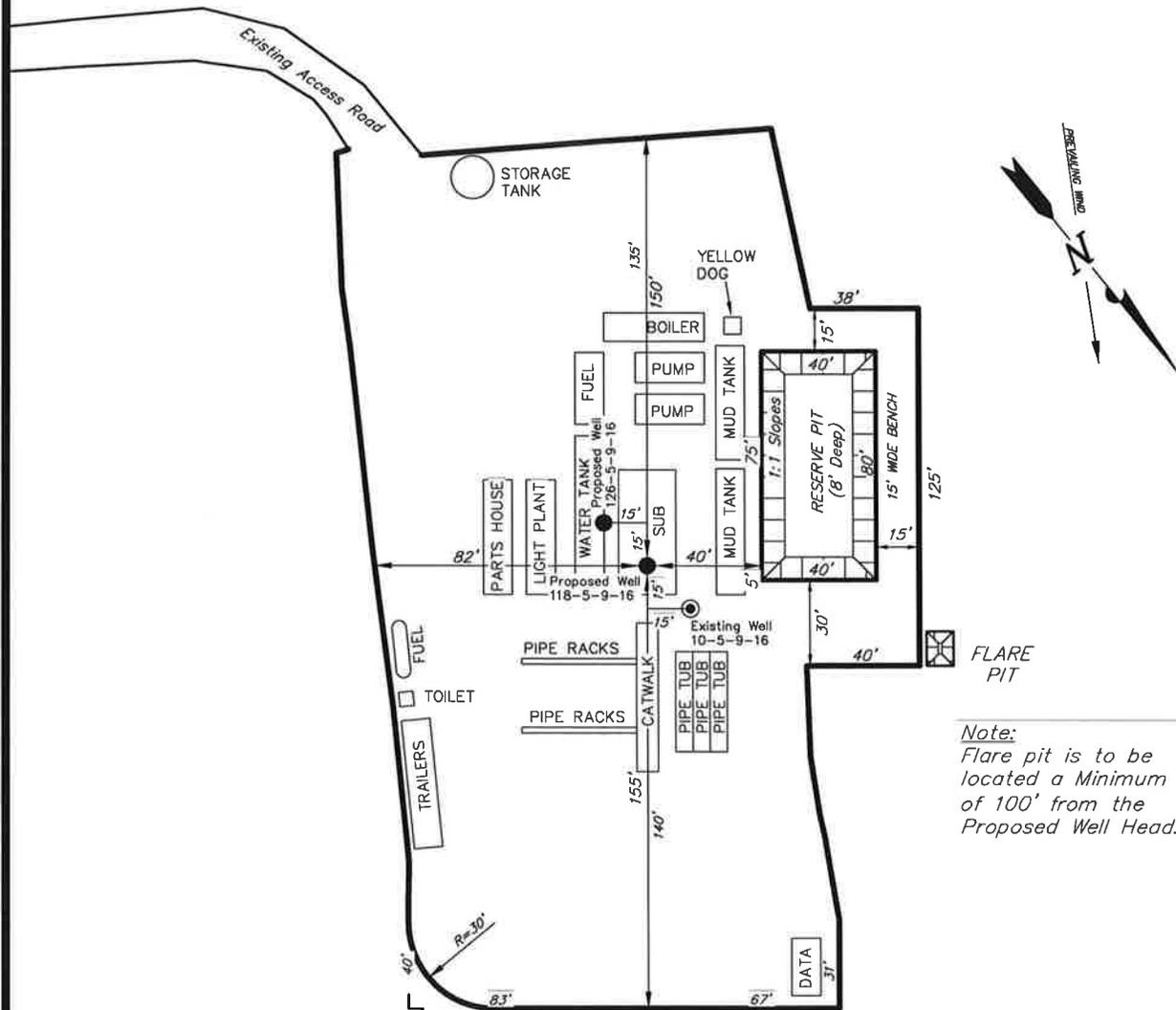
*Tri State*  
**Land Surveying, Inc.**  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
(435) 781-2501

# NEWFIELD EXPLORATION COMPANY

## TYPICAL RIG LAYOUT EXISTING 10-5-9-16 PAD

PROPOSED WELLS: 118-5-9-16 AND 126-5-9-16

Pad Location: NWSE Section 5, T9S, R16E, S.L.B.&M



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

|                   |                         |          |   |                |
|-------------------|-------------------------|----------|---|----------------|
| SURVEYED BY: C.S. | DATE SURVEYED: 07-31-13 | VERSION: | <br>Tri State<br>Land Surveying, Inc.<br>180 NORTH VERNAL AVE. VERNAL, UTAH 84078 | (435) 781-2501 |
| DRAWN BY: F.T.M.  | DATE DRAWN: 08-12-13    | V1       |   |                |
| SCALE: 1" = 60'   | REVISED:                |          |   |                |

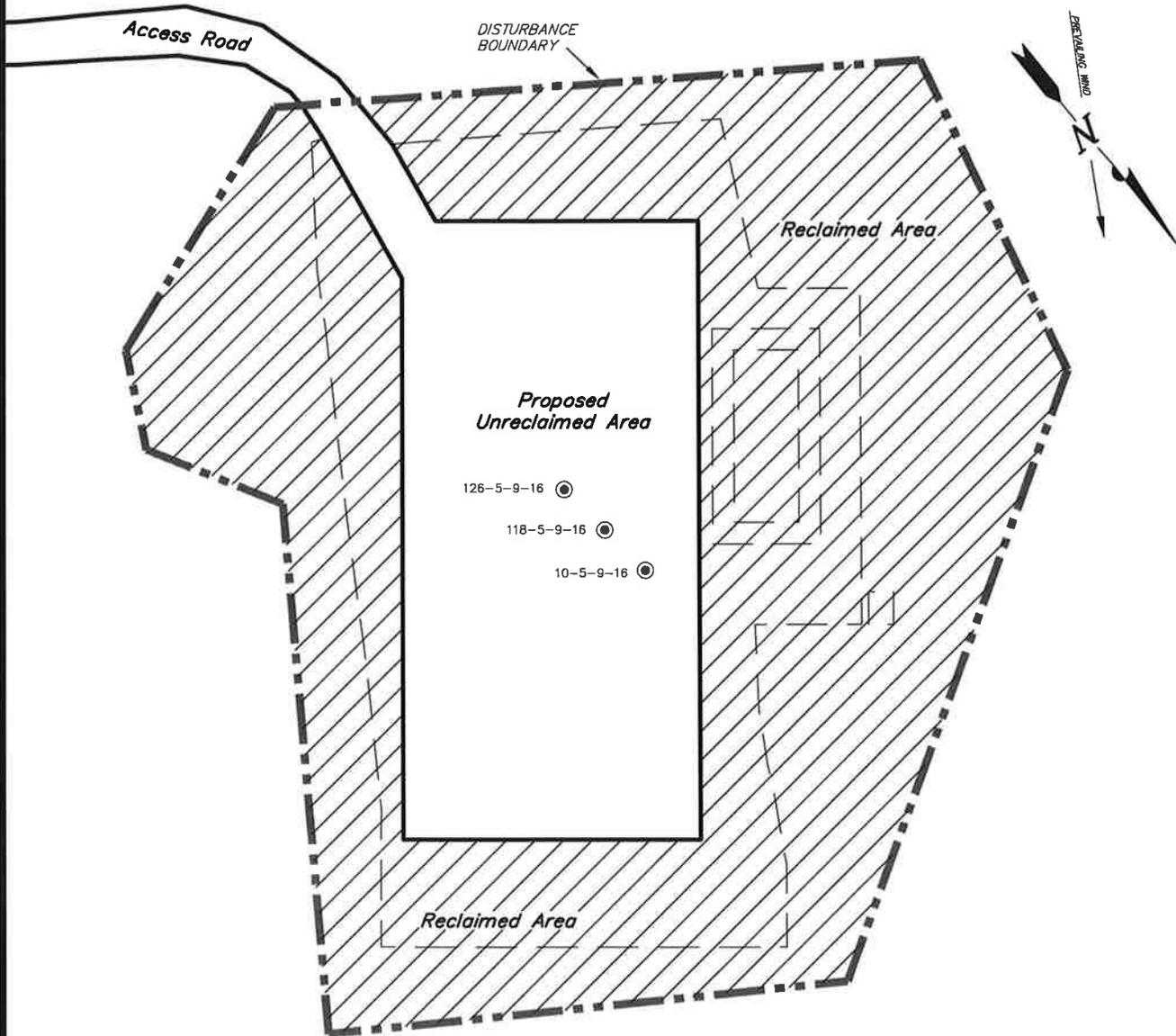
# NEWFIELD EXPLORATION COMPANY

## RECLAMATION LAYOUT

**EXISTING 10-5-9-16 PAD**

**PROPOSED WELLS: 118-5-9-16 AND 126-5-9-16**

*Pad Location: NWSE Section 5, T9S, R16E, 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 = ±2.09 ACRES  
 TOTAL RECLAIMED AREA = ±1.48 ACRES  
 UNRECLAIMED AREA = ±0.61 ACRES

|                   |                         |          |
|-------------------|-------------------------|----------|
| SURVEYED BY: C.S. | DATE SURVEYED: 07-31-13 | VERSION: |
| DRAWN BY: F.T.M.  | DATE DRAWN: 08-12-13    | V1       |
| SCALE: 1" = 60'   | REVISED:                |          |

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

# NEWFIELD EXPLORATION COMPANY

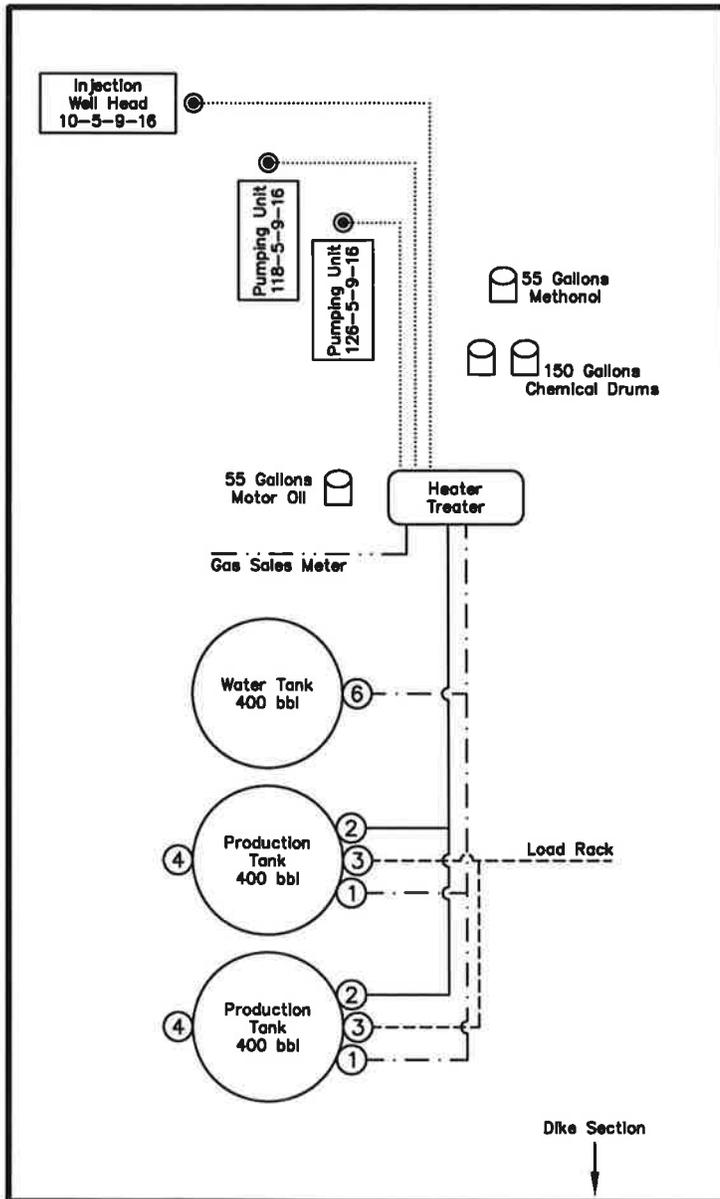
## PROPOSED SITE FACILITY DIAGRAM

10-5-9-16 PAD

118-5-9-16 UTU-034217A

126-5-9-16 UTU-034217A

*Pad Location: NWSE Section 5, T9S, R16E, S.L.B.&M  
Duchesne County, Utah*



**Legend**

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

NOT TO SCALE

|                   |                         |          |
|-------------------|-------------------------|----------|
| SURVEYED BY: C.S. | DATE SURVEYED: 07-31-13 | VERSION: |
| DRAWN BY: F.T.M.  | DATE DRAWN: 08-12-13    | V1       |
| SCALE: NONE       | REVISED:                |          |

(435) 781-2501

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

# 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)

November 18, 2013

Memorandum

To: Assistant Field Office Manager Minerals,  
Vernal Field Office

From: Michael Coulthard, Petroleum Engineer

Subject: 2013 Plan of Development Greater Monument  
Butte Unit, Duchesne and Uintah Counties,  
Utah.

Pursuant to email between Diana Mason, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2013 within the Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

| API #                    | WELL NAME        | LOCATION                           |
|--------------------------|------------------|------------------------------------|
| Proposed PZ GREEN RIVER) |                  |                                    |
| 43-013-52642             | GMBU 103-5-9-16  | Sec 05 T09S R16E 0681 FNL 2052 FWL |
|                          | BHL              | Sec 32 T08S R16E 0116 FSL 1972 FWL |
| 43-013-52654             | GMBU 10-9-9-16   | Sec 09 T09S R16E 1755 FSL 1989 FEL |
|                          | BHL              | Sec 09 T09S R16E 1755 FSL 1989 FEL |
| 43-013-52660             | GMBU P-22-8-17   | Sec 21 T08S R17E 1759 FSL 0477 FEL |
|                          | BHL              | Sec 22 T08S R17E 1028 FSL 0073 FWL |
| 43-013-52661             | GMBU N-21-8-17   | Sec 21 T08S R17E 2182 FNL 2178 FWL |
|                          | BHL              | Sec 21 T08S R17E 2463 FSL 1122 FWL |
| 43-013-52662             | GMBU M-21-8-17   | Sec 21 T08S R17E 2201 FNL 2187 FWL |
|                          | BHL              | Sec 21 T08S R17E 2437 FSL 2442 FEL |
| 43-013-52668             | GMBU 125-7-9-16  | Sec 07 T09S R16E 1979 FSL 0620 FEL |
|                          | BHL              | Sec 07 T09S R16E 1023 FSL 0714 FEL |
| 43-013-52670             | GMBU 108-18-9-16 | Sec 17 T09S R16E 0565 FNL 0661 FWL |
|                          | BHL              | Sec 18 T09S R16E 0481 FNL 0020 FEL |
| 43-013-52671             | GMBU 126-8-9-17  | Sec 08 T09S R17E 0621 FSL 1989 FEL |
|                          | BHL              | Sec 08 T09S R17E 1307 FSL 1958 FEL |
| 43-013-52672             | GMBU 112-8-9-16  | Sec 08 T09S R16E 1002 FNL 0778 FWL |
|                          | BHL              | Sec 08 T09S R16E 1647 FNL 0714 FWL |
| 43-013-52673             | GMBU 119-4-9-16  | Sec 04 T09S R16E 2011 FNL 1953 FWL |
|                          | BHL              | Sec 04 T09S R16E 2444 FSL 1934 FWL |

RECEIVED: November 19, 2013

| API #                    | WELL NAME        | LOCATION   |
|--------------------------|------------------|--|
| Proposed PZ GREEN RIVER) |                  |  |
| 43-013-52674             | GMBU 123-8-9-17  | Sec 08 T09S R17E 1916 FSL 0716 FEL<br>BHL Sec 08 T09S R17E 1906 FSL 1421 FEL |
| 43-013-52675             | GMBU 126-5-9-16  | Sec 05 T09S R16E 1754 FSL 2024 FEL<br>BHL Sec 05 T09S R16E 1048 FSL 2035 FEL |
| 43-013-52676             | GMBU 118-8-9-17  | Sec 08 T09S R17E 1973 FNL 1960 FEL<br>BHL Sec 08 T09S R17E 2560 FSL 1978 FEL |
| 43-013-52677             | GMBU 118-5-9-16  | Sec 05 T09S R16E 1775 FSL 2024 FEL<br>BHL Sec 05 T09S R16E 2601 FNL 1786 FEL |
| 43-013-52678             | GMBU 101-8-9-17  | Sec 05 T09S R17E 0550 FSL 0697 FEL<br>BHL Sec 08 T09S R17E 0338 FNL 0715 FEL |
| 43-013-52679             | GMBU 132-5-9-17  | Sec 05 T09S R17E 0545 FSL 0676 FEL<br>BHL Sec 04 T09S R17E 0596 FSL 0073 FWL |
| 43-013-52680             | GMBU 110-10-9-16 | Sec 10 T09S R16E 0677 FNL 2005 FEL<br>BHL Sec 10 T09S R16E 1439 FNL 1966 FEL |
| 43-013-52681             | GMBU 102-8-9-16  | Sec 08 T09S R16E 0541 FNL 2107 FEL<br>BHL Sec 05 T09S R16E 0119 FSL 1687 FEL |
| 43-013-52686             | GMBU Q-26-8-16   | Sec 26 T08S R16E 0653 FSL 0685 FWL<br>BHL Sec 26 T08S R16E 1320 FSL 1320 FWL |
| 43-047-54188             | GMBU D-1-9-17    | Sec 36 T08S R17E 0632 FSL 1967 FWL<br>BHL Sec 01 T09S R17E 0331 FNL 1182 FWL |
| 43-047-54189             | GMBU Q-31-8-18   | Sec 31 T08S R18E 2198 FSL 0508 FWL<br>BHL Sec 31 T08S R18E 1118 FSL 1483 FWL |
| 43-047-54191             | GMBU E-1-9-17    | Sec 35 T08S R17E 0710 FSL 0663 FEL<br>BHL Sec 01 T09S R17E 0267 FNL 0251 FWL |
| 43-047-54202             | GMBU C-1-9-17    | Sec 36 T08S R17E 0647 FSL 1983 FWL<br>BHL Sec 01 T09S R17E 0216 FNL 2504 FEL |

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

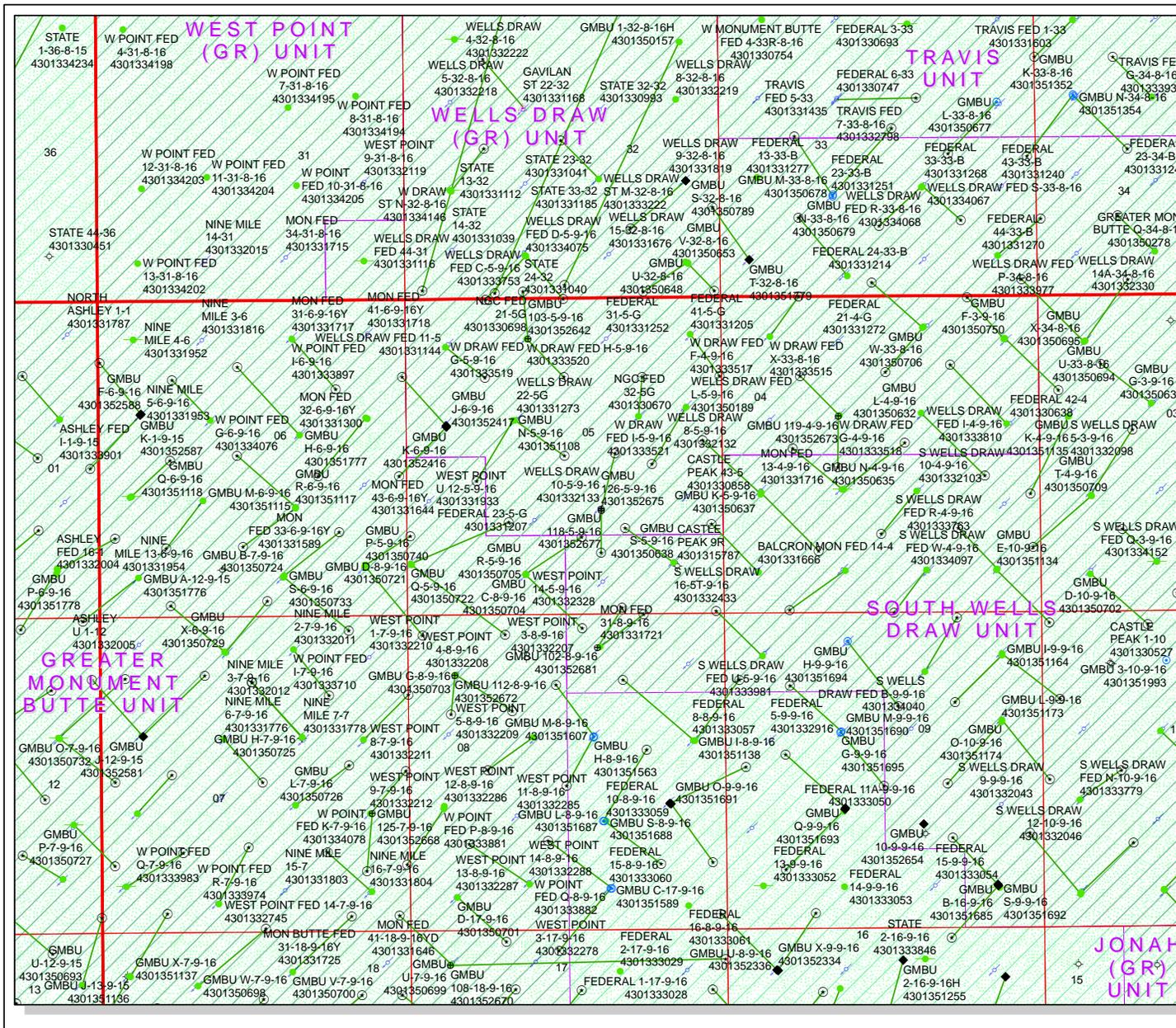
Michael Coulthard

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: 2013.11.18 10:01:01 -0700

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

MCoulthard:mc:11-18-13

RECEIVED: November 19, 2013



API Number: 4301352675

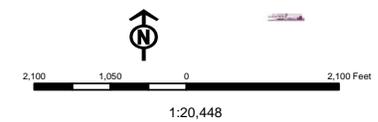
Well Name: GMBU 126-5-9-16

Township: T09.0S Range: R16.0E Section: 05 Meridian: S

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared: 11/20/2013  
Map Produced by Diana Mason

| Wells Query                        |               | Units         |               |
|------------------------------------|---------------|---------------|---------------|
| <b>Status</b>                      | <b>STATUS</b> | <b>STATUS</b> | <b>STATUS</b> |
| APD - Approved Permit              | ACTIVE        | UNKNOWN       | EXPLORATORY   |
| DRL - Spudded (Drilling Commenced) | GAS STORAGE   | ABANDONED     | NF PP OIL     |
| GW - Gas Injection                 | NF SECONDARY  | ACTIVE        | PI OIL        |
| GS - Gas Storage                   | PP GAS        | COMBINED      | PP GEOTHERMAL |
| LOC - New Location                 | PP OIL        | INACTIVE      | PP OIL        |
| OPS - Operation Suspended          | SECONDARY     | STORAGE       | TERMINATED    |
| PA - Plugged Abandoned             | TERMINATED    | TERMINATED    |               |
| PGW - Producing Gas Well           |               |               |               |
| POW - Producing Oil Well           |               |               |               |
| SGW - Shut-in Gas Well             |               |               |               |
| SGW - Shut-in Oil Well             |               |               |               |
| TA - Temp. Abandoned               |               |               |               |
| TW - Test Well                     |               |               |               |
| WDW - Water Disposal               |               |               |               |
| WWI - Water Injection Well         |               |               |               |
| WSW - Water Supply Well            |               |               |               |



**NEWFIELD**



*VIA ELECTRONIC DELIVERY*

December 2, 2013

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 126-5-9-16**  
Greater Monument Butte (Green River) Unit

Surface Hole: T9S-R16E Section 5: NWSE (UTU-034217-A)  
1754' FSL 2024' FEL

At Target: T9S-R16E Section 5: SWSE (UTU-73086)  
1048' FSL 2035' 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 11/14/13, a copy of which is attached, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

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

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

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please contact the undersigned at 303-383-4121 or by email at [lburget@newfield.com](mailto:lburget@newfield.com). Your consideration in this matter is greatly appreciated.

Sincerely,  
Newfield Production Company

A handwritten signature in blue ink that reads "Leslie Burget".

Leslie Burget  
Land Associate

Form 3160-3  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**APPLICATION FOR PERMIT TO DRILL OR REENTER**

|  |  |  |
|--|--|--|
| 1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER   |  | 5. Lease Serial No.<br>UTU034217A  |
| 1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone |  | 6. If Indian, Allottee or Tribe Name                                       |
| 2. Name of Operator<br>NEWFIELD EXPLORATION<br>Contact: MANDIE CROZIER<br>E-Mail: mcrozier@newfield.com  |  | 7. If Unit or CA Agreement, Name and No.<br>GREATER MONUMENT               |
| 3a. Address<br>ROUTE #3 BOX 3630<br>MYTON, UT 84052  |  | 8. Lease Name and Well No.<br>GMBU 126-5-9-16                              |
| 3b. Phone No. (include area code)<br>Ph: 435-646-4825<br>Fx: 435-646-3031  |  | 9. API Well No.  |
| 4. Location of Well (Report location clearly and in accordance with any State requirements. *)<br>At surface NWSE 1774FSL 2024FEL<br>At proposed prod. zone SWSE 1048FSL 2035FEL                                       |  | 10. Field and Pool, or Exploratory<br>MONUMENT BUTTE                       |
| 14. Distance in miles and direction from nearest town or post office*<br>13.4 MILES SW OF MYTON, UT  |  | 11. Sec., T., R., M., or Blk. and Survey or Area<br>Sec 5 T9S R16E Mer SLB |
| 15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)<br>272'   | 16. No. of Acres in Lease<br>240.00                | 12. County or Parish<br>DUCHESNE   |
| 18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.<br>540'  | 19. Proposed Depth<br>6222 MD<br>6176 TVD          | 13. State<br>UT  |
| 21. Elevations (Show whether DF, KB, RT, GL, etc.)<br>5842 GL  | 22. Approximate date work will start<br>03/31/2014 | 17. Spacing Unit dedicated to this well<br>10.00                           |
|  |  | 20. BLM/BIA Bond No. on file<br>WYB000493                                  |
|  |  | 23. Estimated duration<br>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.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan.   | 5. Operator certification  |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

|  |   |                    |
|--|---|--------------------|
| 25. Signature<br>(Electronic Submission) | Name (Printed/Typed)<br>MANDIE CROZIER Ph: 435-646-4825 | Date<br>11/14/2013 |
| Title<br>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 #226852 verified by the BLM Well Information System  
For NEWFIELD EXPLORATION, sent to the Vernal**

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

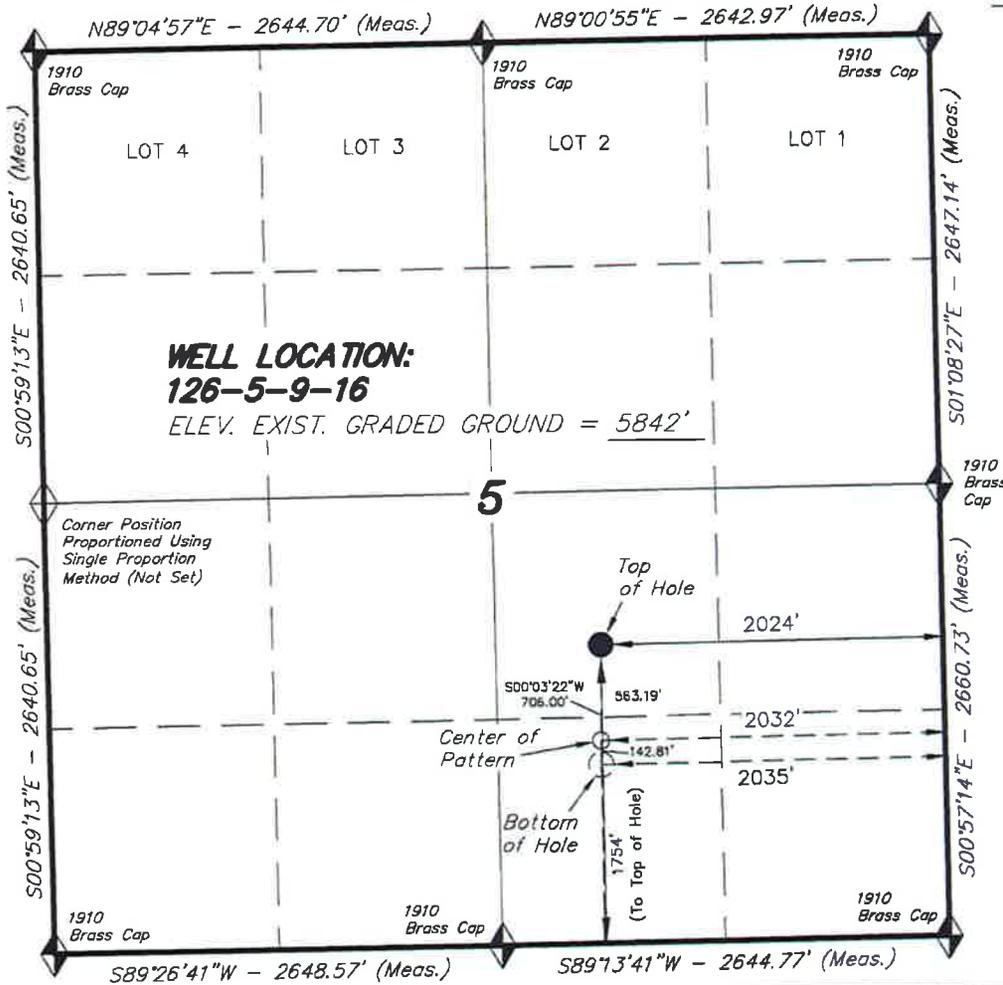
API Well Number: 43013526750000

**Additional Operator Remarks:**

SURFACE LEASE: UTU-034217A  
BOTTOM HOLE LEASE: UTU-73086

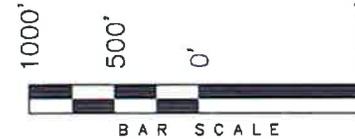
# T9S, R16E, S.L.B.&M.

## NEWFIELD EXPLORATION COMPANY



WELL LOCATION, 126-5-9-16, LOCATED AS SHOWN IN THE NW 1/4 SE 1/4 OF SECTION 5, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

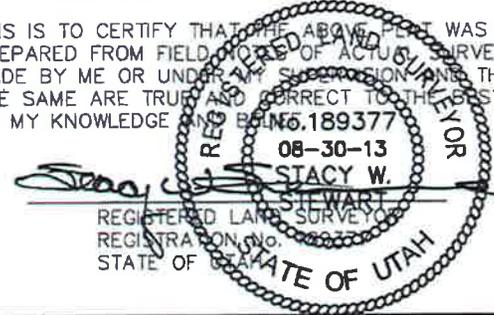
TARGET BOTTOM HOLE, 126-5-9-16, LOCATED AS SHOWN IN THE SW 1/4 SE 1/4 OF SECTION 5, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



**NOTES:**

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. The Center of Pattern footages are 1191' FSL & 2032' FEL.
4. The Bottom of Hole footages are 1048' FSL & 2035' FEL.

THIS IS TO CERTIFY THAT THE ABOVE PLAN 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

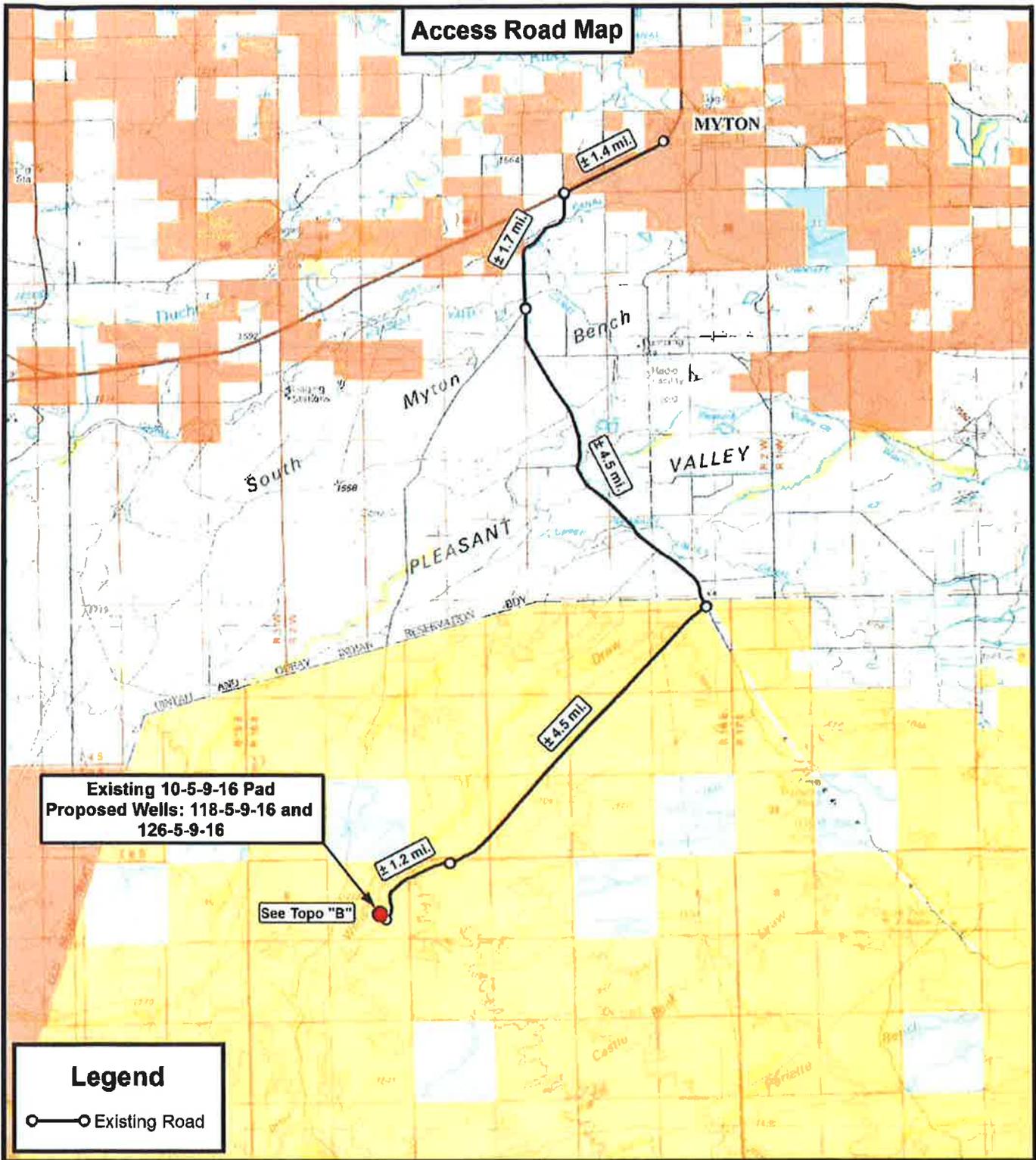
BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

|                                   |                                      |
|-----------------------------------|--------------------------------------|
| <b>NAD 83 (SURFACE LOCATION)</b>  |                                      |
| LATITUDE = 40°03'26.82"           |                                      |
| LONGITUDE = 110°08'27.66"         |                                      |
| <b>NAD 27 (SURFACE LOCATION)</b>  |                                      |
| LATITUDE = 40°03'26.96"           |                                      |
| LONGITUDE = 110°08'25.12"         |                                      |
| <b>NAD 83 (CENTER OF PATTERN)</b> | <b>NAD 83 (BOTTOM HOLE LOCATION)</b> |
| LATITUDE = 40°03'21.26"           | LATITUDE = 40°03'19.85"              |
| LONGITUDE = 110°08'27.78"         | LONGITUDE = 110°08'27.81"            |
| <b>NAD 27 (CENTER OF PATTERN)</b> | <b>NAD 27 (BOTTOM HOLE LOCATION)</b> |
| LATITUDE = 40°03'21.40"           | LATITUDE = 40°03'19.99"              |
| LONGITUDE = 110°08'25.23"         | LONGITUDE = 110°08'25.26"            |

### TRI STATE LAND SURVEYING & CONSULTING

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

|                            |                   |          |
|----------------------------|-------------------|----------|
| DATE SURVEYED:<br>07-31-13 | SURVEYED BY: C.S. | VERSION: |
| DATE DRAWN:<br>08-30-13    | DRAWN BY: F.T.M.  | V1       |
| REVISED:                   | SCALE: 1" = 1000' |          |



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

P: (435) 781-2501  
F: (435) 781-2518



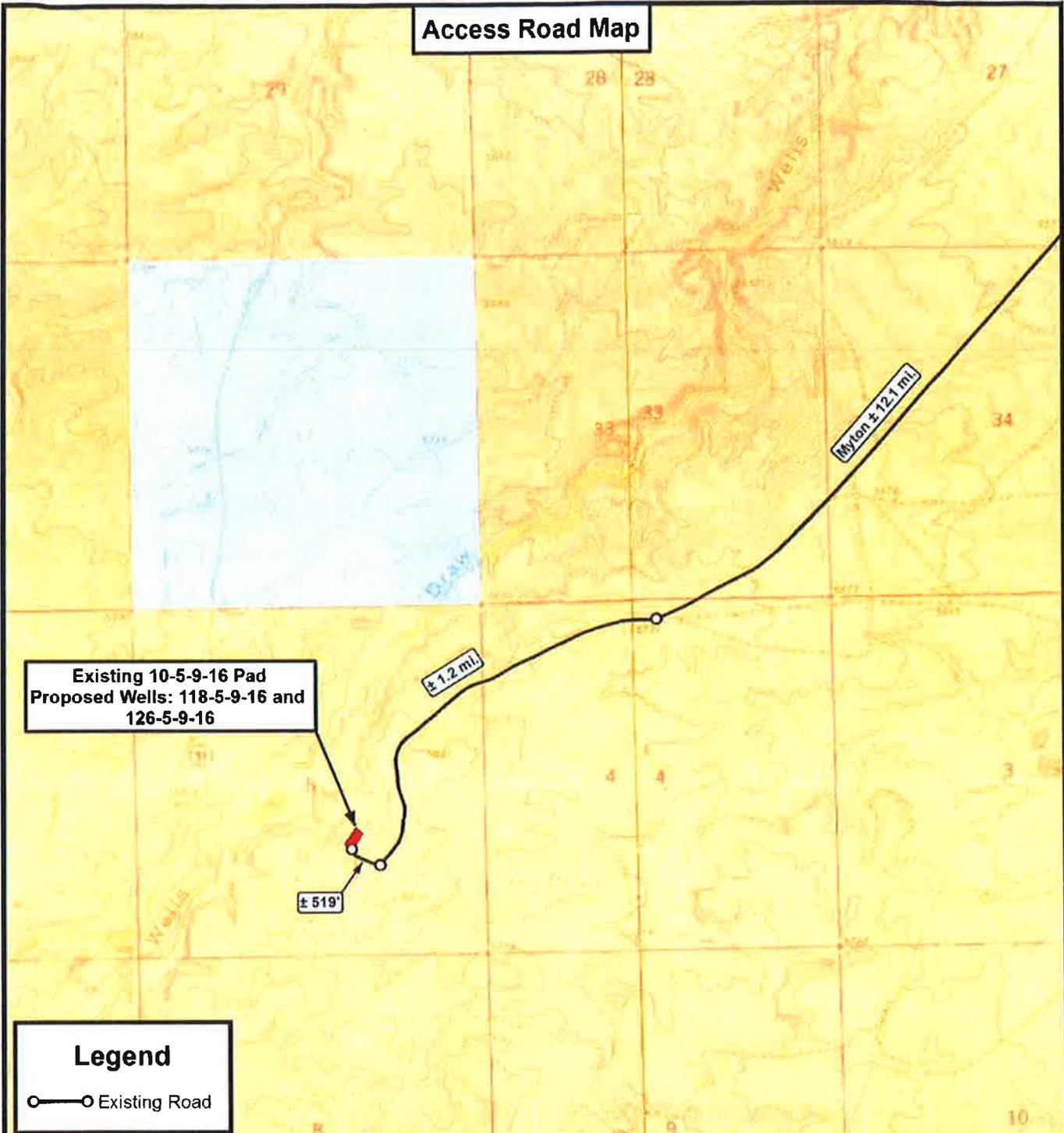
**NEWFIELD EXPLORATION COMPANY**

Existing 10-5-9-16 Pad  
Proposed Wells: 118-5-9-16 and 126-5-9-16  
Sec. 5, T9S, R16E, S.L.B.&M.  
Duchesne County, UT.

|           |            |          |          |
|-----------|------------|----------|----------|
| DRAWN BY: | A.P.C.     | REVISED: | VERSION: |
| DATE:     | 09-06-2013 |          | V1       |
| SCALE:    | 1:100,000  |          |          |

**TOPOGRAPHIC MAP**

SHEET  
**A**



**Existing 10-5-9-16 Pad**  
**Proposed Wells: 118-5-9-16 and**  
**126-5-9-16**

**Legend**  
 ○—○ Existing Road

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

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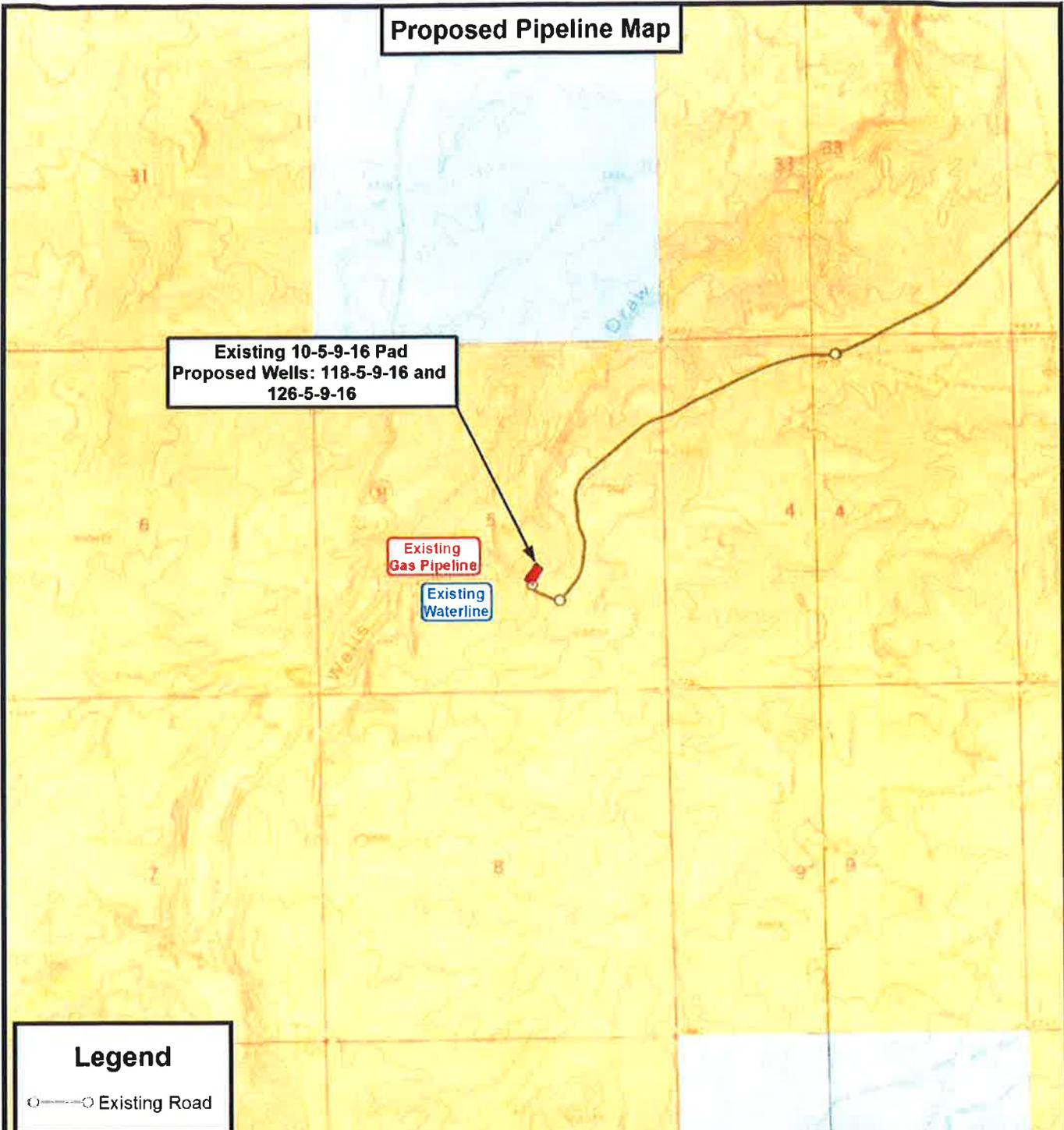


**NEWFIELD EXPLORATION COMPANY**  
 Existing 10-5-9-16 Pad  
 Proposed Wells: 118-5-9-16 and 126-5-9-16  
 Sec. 5, T9S, R16E, S.L.B.&M.  
 Duchesne County, UT.

|           |             |          |          |
|-----------|-------------|----------|----------|
| DRAWN BY: | A.P.C.      | REVISED: | VERSION: |
| DATE:     | 09-06-2013  |          | V1       |
| SCALE:    | 1" = 2,000' |          |          |

**TOPOGRAPHIC MAP**

SHEET  
**B**



**Legend**  
 ○—○ Existing Road

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

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 180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
 P: (435) 781-2501  
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**NEWFIELD EXPLORATION COMPANY**  
 Existing 10-5-9-16 Pad  
 Proposed Wells: 118-5-9-16 and 126-5-9-16  
 Sec. 5, T9S, R16E, S.L.B.&M.  
 Duchesne County, UT.

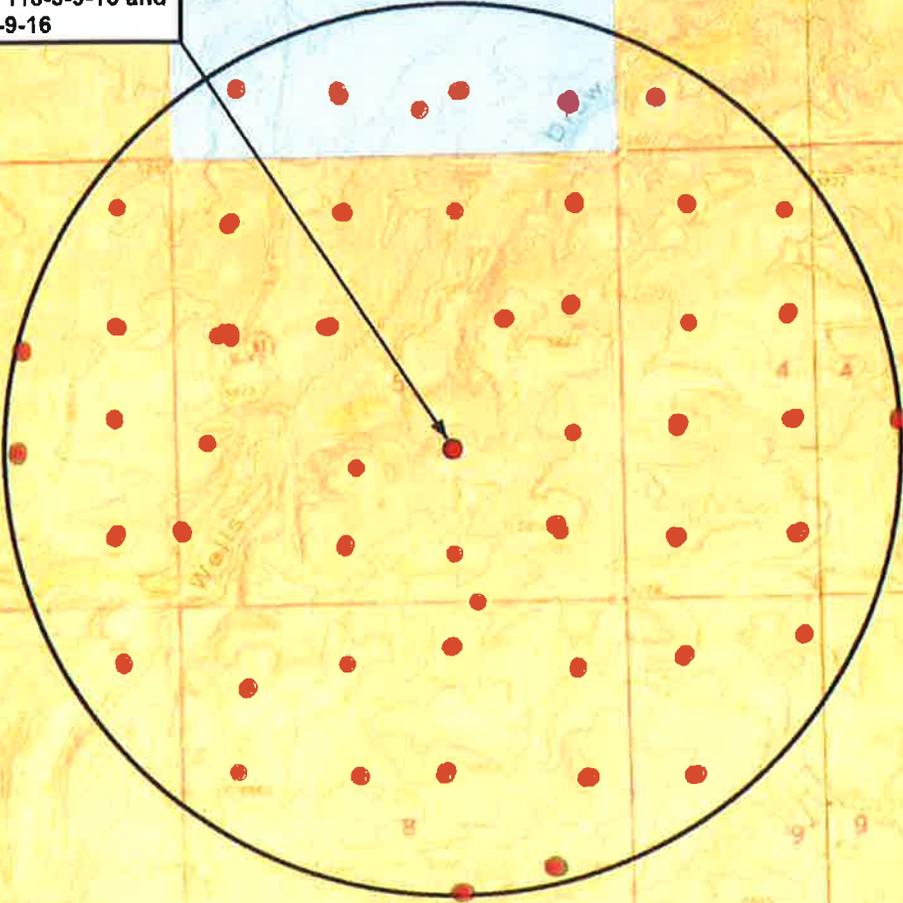
|           |             |          |          |
|-----------|-------------|----------|----------|
| DRAWN BY: | A.P.C.      | REVISED: | VERSION: |
| DATE:     | 09-06-2013  |          | V1       |
| SCALE:    | 1" = 2,000' |          |          |

**TOPOGRAPHIC MAP**

SHEET  
**C**

**Exhibit "B" Map**

**Existing 10-5-9-16 Pad  
Proposed Wells: 118-5-9-16 and  
126-5-9-16**



**Legend**

-  1 Mile Radius
-  Pad Location

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



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

P: (435) 781-2501  
F: (435) 781-2518



**NEWFIELD EXPLORATION COMPANY**

Existing 10-5-9-16 Pad  
Proposed Wells: 118-5-9-16 and 126-5-9-16  
Sec. 5, T9S, R16E, S.L.B.&M.  
Duchesne County, UT.

|           |             |          |          |
|-----------|-------------|----------|----------|
| DRAWN BY: | A.P.C.      | REVISED: | VERSION: |
| DATE:     | 09-06-2013  |          | V1       |
| SCALE:    | 1" = 2,000' |          |          |

**TOPOGRAPHIC MAP**

SHEET  
**D**

## Coordinate Report

| Well Number | Feature Type      | Latitude (NAD 83) (DMS)        | Longitude (NAD 83) (DMS)        |
|-------------|-------------------|--------------------------------|---------------------------------|
| 10-5-9-16   | Surface Hole      | 40° 03' 27.24" N               | 110° 08' 27.72" W               |
| 118-5-9-16  | Surface Hole      | 40° 03' 27.03" N               | 110° 08' 27.69" W               |
| 126-5-9-16  | Surface Hole      | 40° 03' 26.82" N               | 110° 08' 27.66" W               |
| 118-5-9-16  | Center of Pattern | 40° 03' 34.27" N               | 110° 08' 25.28" W               |
| 126-5-9-16  | Center of Pattern | 40° 03' 21.26" N               | 110° 08' 27.78" W               |
| 118-5-9-16  | Bottom of Hole    | 40° 03' 36.17" N               | 110° 08' 24.65" W               |
| 126-5-9-16  | Bottom of Hole    | 40° 03' 19.85" N               | 110° 08' 27.81" W               |
|             |                   |                                |                                 |
| Well Number | Feature Type      | Latitude (NAD 83) (DD)         | Longitude (NAD 83) (DD)         |
| 10-5-9-16   | Surface Hole      | 40.057567                      | 110.141033                      |
| 118-5-9-16  | Surface Hole      | 40.057509                      | 110.141025                      |
| 126-5-9-16  | Surface Hole      | 40.057451                      | 110.141017                      |
| 118-5-9-16  | Center of Pattern | 40.059520                      | 110.140355                      |
| 126-5-9-16  | Center of Pattern | 40.055905                      | 110.141050                      |
| 118-5-9-16  | Bottom of Hole    | 40.060046                      | 110.140179                      |
| 126-5-9-16  | Bottom of Hole    | 40.055513                      | 110.141058                      |
|             |                   |                                |                                 |
| Well Number | Feature Type      | Northing (NAD 83) (UTM Meters) | Longitude (NAD 83) (UTM Meters) |
| 10-5-9-16   | Surface Hole      | 4434500.000                    | 573260.075                      |
| 118-5-9-16  | Surface Hole      | 4434493.569                    | 573260.780                      |
| 126-5-9-16  | Surface Hole      | 4434487.146                    | 573261.482                      |
| 118-5-9-16  | Center of Pattern | 4434717.376                    | 573315.783                      |
| 126-5-9-16  | Center of Pattern | 4434315.592                    | 573260.362                      |
| 118-5-9-16  | Bottom of Hole    | 4434775.939                    | 573330.176                      |
| 126-5-9-16  | Bottom of Hole    | 4434272.089                    | 573260.078                      |
|             |                   |                                |                                 |
| Well Number | Feature Type      | Latitude (NAD 27) (DMS)        | Longitude (NAD 27) (DMS)        |
| 10-5-9-16   | Surface Hole      | 40° 03' 27.38" N               | 110° 08' 25.17" W               |
| 118-5-9-16  | Surface Hole      | 40° 03' 27.17" N               | 110° 08' 25.14" W               |
| 126-5-9-16  | Surface Hole      | 40° 03' 26.96" N               | 110° 08' 25.12" W               |
| 118-5-9-16  | Center of Pattern | 40° 03' 34.41" N               | 110° 08' 22.73" W               |
| 126-5-9-16  | Center of Pattern | 40° 03' 21.40" N               | 110° 08' 25.23" W               |
| 118-5-9-16  | Bottom of Hole    | 40° 03' 36.30" N               | 110° 08' 22.10" W               |
| 126-5-9-16  | Bottom of Hole    | 40° 03' 19.99" N               | 110° 08' 25.26" 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 10-5-9-16 Pad  
Proposed Wells: 118-5-9-16 and 126-5-9-16  
Sec. 5, T9S, R16E, S.L.B.&M.  
Duchesne County, UT.

DRAWN BY: A.P.C.  
DATE: 09-06-2013  
VERSION: V1

REVISED:

**COORDINATE REPORT**

SHEET

**1**

### Coordinate Report

| Well Number | Feature Type      | Latitude (NAD 27) (DD) | Longitude (NAD 27) (DD) |
|-------------|-------------------|------------------------|-------------------------|
| 10-5-9-16   | Surface Hole      | 40.057605              | 110.140325              |
| 118-5-9-16  | Surface Hole      | 40.057547              | 110.140318              |
| 126-5-9-16  | Surface Hole      | 40.057489              | 110.140310              |
| 118-5-9-16  | Center of Pattern | 40.059558              | 110.139648              |
| 126-5-9-16  | Center of Pattern | 40.055943              | 110.140343              |
| 118-5-9-16  | Bottom of Hole    | 40.060084              | 110.139472              |
| 126-5-9-16  | Bottom of Hole    | 40.055551              | 110.140351              |

| Well Number | Feature Type      | Northing (NAD 27) (UTM Meters) | Longitude (NAD 27) (UTM Meters) |
|-------------|-------------------|--------------------------------|---------------------------------|
| 10-5-9-16   | Surface Hole      | 4434294.669                    | 573322.281                      |
| 118-5-9-16  | Surface Hole      | 4434288.239                    | 573322.986                      |
| 126-5-9-16  | Surface Hole      | 4434281.815                    | 573323.688                      |
| 118-5-9-16  | Center of Pattern | 4434512.046                    | 573377.988                      |
| 126-5-9-16  | Center of Pattern | 4434110.261                    | 573322.569                      |
| 118-5-9-16  | Bottom of Hole    | 4434570.609                    | 573392.381                      |
| 126-5-9-16  | Bottom of Hole    | 4434066.758                    | 573322.286                      |



**Tri State  
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180 NORTH VERNAL AVE. VERNAL, UTAH 84078

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**NEWFIELD EXPLORATION COMPANY**

Existing 10-5-9-16 Pad  
Proposed Wells: 118-5-9-16 and 126-5-9-16  
Sec. 5, T9S, R16E, S.L.B.&M.  
Duchesne County, UT.

|           |            |          |
|-----------|------------|----------|
| DRAWN BY: | A.P.C.     | REVISED: |
| DATE:     | 09-06-2013 |          |
| VERSION:  | V1         |          |

|                          |                   |
|--------------------------|-------------------|
| <b>COORDINATE REPORT</b> | SHEET<br><b>2</b> |
|--------------------------|-------------------|

## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/13/2013

API NO. ASSIGNED: 43013526750000

WELL NAME: GMBU 126-5-9-16

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: NWSE 05 090S 160E

Permit Tech Review: 

SURFACE: 1754 FSL 2024 FEL

Engineering Review: 

BOTTOM: 1048 FSL 2035 FEL

Geology Review: 

COUNTY: DUCHESNE

LATITUDE: 40.05742

LONGITUDE: -110.14110

UTM SURF EASTINGS: 573255.00

NORTHINGS: 4434484.00

FIELD NAME: MONUMENT BUTTE

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-034217A

PROPOSED PRODUCING FORMATION(S): GREEN RIVER

SURFACE OWNER: 1 - Federal

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  
15 - Directional - dmason  
27 - Other - bhll



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. HAZA  
Division Director

## Permit To Drill

\*\*\*\*\*

**Well Name:** GMBU 126-5-9-16

**API Well Number:** 43013526750000

**Lease Number:** UTU-034217A

**Surface Owner:** FEDERAL

**Approval Date:** 12/3/2013

### Issued to:

NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

### Authority:

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

### Duration:

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

### General:

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

### Conditions of Approval:

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

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

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

### 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:**

A handwritten signature in black ink, appearing to read "John Rogers", written over a horizontal line.

For John Rogers  
Associate Director, Oil & Gas

|   |               |
|---|---------------|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING | <b>FORM 9</b> |
| <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>UTU-034217A                               |               |
| <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  |               |
| <b>7. UNIT or CA AGREEMENT NAME:</b><br>GMBU (GRRV)   |               |
| <b>8. WELL NAME and NUMBER:</b><br>GMBU 126-5-9-16  |               |
| <b>9. API NUMBER:</b><br>43013526750000   |               |
| <b>9. FIELD and POOL or WILDCAT:</b><br>MONUMENT BUTTE                                      |               |
| <b>COUNTY:</b><br>DUCHESNE  |               |
| <b>STATE:</b><br>UTAH   |               |

**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.

|   |  |
|---|--|
| <b>1. TYPE OF WELL</b><br>Oil Well  |  |
| <b>2. NAME OF OPERATOR:</b><br>NEWFIELD PRODUCTION COMPANY  |  |
| <b>3. ADDRESS OF OPERATOR:</b><br>Rt 3 Box 3630 , Myton, UT, 84052  | <b>PHONE NUMBER:</b><br>435 646-4825 Ext |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>1754 FSL 2024 FEL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: NWSE Section: 05 Township: 09.0S Range: 16.0E Meridian: S |  |

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

| TYPE OF SUBMISSION  | TYPE OF ACTION   |   |   |
|---|--|---|---|
| <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b><br>Approximate date work will start:<br>12/3/2014 | <input type="checkbox"/> ACIDIZE                       | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> CASING REPAIR                  |
| <input type="checkbox"/> <b>SUBSEQUENT REPORT</b><br>Date of Work Completion:                                 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS      | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> CHANGE WELL NAME               |
| <input type="checkbox"/> <b>SPUD REPORT</b><br>Date of Spud:  | <input type="checkbox"/> CHANGE WELL STATUS            | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE              |
| <input type="checkbox"/> <b>DRILLING REPORT</b><br>Report Date:   | <input type="checkbox"/> DEEPEN                        | <input type="checkbox"/> FRACTURE TREAT                 | <input type="checkbox"/> NEW CONSTRUCTION               |
|   | <input type="checkbox"/> OPERATOR CHANGE               | <input type="checkbox"/> PLUG AND ABANDON               | <input type="checkbox"/> PLUG BACK                      |
|   | <input type="checkbox"/> PRODUCTION START OR RESUME    | <input type="checkbox"/> RECLAMATION OF WELL SITE       | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
|   | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL       | <input type="checkbox"/> TEMPORARY ABANDON              |
|   | <input type="checkbox"/> TUBING REPAIR                 | <input type="checkbox"/> VENT OR FLARE                  | <input type="checkbox"/> WATER DISPOSAL                 |
|   | <input type="checkbox"/> WATER SHUTOFF                 | <input type="checkbox"/> SI TA STATUS EXTENSION         | <input checked="" type="checkbox"/> APD EXTENSION       |
|   | <input type="checkbox"/> WILDCAT WELL DETERMINATION    | <input type="checkbox"/> OTHER                          | OTHER: <input style="width: 100px;" type="text"/>       |

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

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

**Approved by the**  
**November 10, 2014**  
**Oil, Gas and Mining**

**Date:** \_\_\_\_\_  
**By:** 

|  |                                     |                                 |
|--|-------------------------------------|---------------------------------|
| <b>NAME (PLEASE PRINT)</b><br>Mandie Crozier | <b>PHONE NUMBER</b><br>435 646-4825 | <b>TITLE</b><br>Regulatory Tech |
| <b>SIGNATURE</b><br>N/A                      | <b>DATE</b><br>11/5/2014            |                                 |



**The Utah Division of Oil, Gas, and Mining**

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Request for Permit Extension Validation Well Number 43013526750000**

API: 43013526750000

Well Name: GMBU 126-5-9-16

Location: 1754 FSL 2024 FEL QTR NWSE SEC 05 TWNP 090S RNG 160E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 12/3/2013

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

- If located on private land, has the ownership changed, if so, has the surface agreement been updated?  Yes  No
  
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?  Yes  No
  
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?  Yes  No
  
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?  Yes  No
  
- Has the approved source of water for drilling changed?  Yes  No
  
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?  Yes  No
  
- Is bonding still in place, which covers this proposed well?  Yes  No

Signature: Mandie Crozier

Date: 11/5/2014

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY





**The Utah Division of Oil, Gas, and Mining**

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Request for Permit Extension Validation Well Number 43013526750000**

API: 43013526750000

Well Name: GMBU 126-5-9-16

Location: 1754 FSL 2024 FEL QTR NWSE SEC 05 TWNP 090S RNG 160E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 12/3/2013

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

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- Has the approved source of water for drilling changed?  Yes  No
  
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?  Yes  No
  
- Is bonding still in place, which covers this proposed well?  Yes  No

Signature: Mandie Crozier

Date: 11/10/2015

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**RECEIVED**

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

**SUNDRY NOTICES AND REPORTS ON** **FEB 04 2016**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**BLM Vernal UT**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

|  |   |  |
|--|---|--|
| 1. Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other |   | 5. Lease Serial No.<br>UTU034217A                        |
| 2. Name of Operator<br>NEWFIELD PRODUCTION COMPANY<br>Contact: MANDIE CROZIER<br>E-Mail: MCROZIER@NEWFIELD.COM                   |   | 6. If Indian, Allottee or Tribe Name                     |
| 3a. Address<br>ROUTE 3 BOX 3630<br>MYTON, UT 84052   | 3b. Phone No. (include area code)<br>Ph: 435-646-4825 | 7. If Unit or CA/Agreement, Name and/or No.<br>UTU87538X |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>Sec 5 T9S R16E Mer SLB NWSE 1754FSL 2024FEL            |   | 8. Well Name and No.<br>GMBU 126-5-9-16                  |
|  |   | 9. API Well No.<br>43-013-52675                          |
|  |   | 10. Field and Pool, or Exploratory<br>MONUMENT BUTTE     |
|  |   | 11. County or Parish, and State<br>DUCHESNE COUNTY, UT   |

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

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

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

Newfield proposes to extend the Application for Permit to Drill this well. The APD was originally approved on March 28, 2014.

APD - 3/28/14  
NEPA - 2014-083 EA

**RECEIVED**

MAR 01 2016

DIV. OF OIL, GAS & MINING

CONDITIONS OF APPROVAL ATTACHED

|   |                               |                                 |  |
|---|-------------------------------|---------------------------------|--|
| 14. I hereby certify that the foregoing is true and correct.  |                               | <b>VERNAL FIELD OFFICE</b>      |  |
| Electronic Submission #330807 verified by the BLM Well Information System For NEWFIELD PRODUCTION COMPANY, sent to the Vernal Committed to AFMSS for processing by STEVE HIRSCHI on 02/10/2016 ( )  |                               | ENG. <i>[Signature]</i> 2/18/16 |  |
| Name (Printed/Typed) MANDIE CROZIER   | Title REGULATORY SPECIALIST   | GEOL. _____                     |  |
| Signature (Electronic Submission)   | Date 02/04/2016               | E.S. _____                      |  |
| THIS SPACE FOR FEDERAL OR STATE OFFICE USE<br>Assistant Field Manager   |                               | PET. _____                      |  |
|   |                               | RECI _____                      |  |
| Approved By <i>[Signature]</i>  | Title Assistant Field Manager | Date FEB 19 2016                |  |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. |                               | <b>VERNAL FIELD OFFICE</b>      |  |
|   |                               | Office _____                    |  |

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

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

**UDOGM**

# CONDITIONS OF APPROVAL

## Newfield Exploration Company

### Notice of Intent APD Extension

**Lease:** UTU-034217A  
**Well:** GMBU 126-5-9-16  
**Location:** NWSE Sec 5-T9S-R16E

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

---

1. The extension and APD shall expire on 03/28/2018.
2. No other extension shall be granted.

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

|  |   |
|--|---|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  | <b>FORM 9</b>   |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b>   |   |
| 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. |   |
| <b>1. TYPE OF WELL</b><br>Oil Well   | <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>UTU-034217A |
| <b>2. NAME OF OPERATOR:</b><br>NEWFIELD PRODUCTION COMPANY   | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>                  |
| <b>3. ADDRESS OF OPERATOR:</b><br>Rt 3 Box 3630 , Myton, UT, 84052   | <b>7. UNIT or CA AGREEMENT NAME:</b><br>GMBU (GRRV)           |
| <b>PHONE NUMBER:</b><br>435 646-4825 Ext   | <b>8. WELL NAME and NUMBER:</b><br>GMBU 126-5-9-16            |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>1754 FSL 2024 FEL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: NWSE Section: 05 Township: 09.0S Range: 16.0E Meridian: S                                      | <b>9. API NUMBER:</b><br>43013526750000                       |
|  | <b>9. FIELD and POOL or WILDCAT:</b><br>MONUMENT BUTTE        |
|  | <b>COUNTY:</b><br>DUCHESNE                                    |
|  | <b>STATE:</b><br>UTAH   |

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

| TYPE OF SUBMISSION  | TYPE OF ACTION   |   |  |
|---|--|---|--|
| <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b><br>Approximate date work will start:<br>12/3/2016 | <input type="checkbox"/> ACIDIZE                       | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> CASING REPAIR                   |
| <input type="checkbox"/> <b>SUBSEQUENT REPORT</b><br>Date of Work Completion:                                 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS      | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> CHANGE WELL NAME                |
| <input type="checkbox"/> <b>SPUD REPORT</b><br>Date of Spud:  | <input type="checkbox"/> CHANGE WELL STATUS            | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE               |
| <input type="checkbox"/> <b>DRILLING REPORT</b><br>Report Date:   | <input type="checkbox"/> DEEPEN                        | <input type="checkbox"/> FRACTURE TREAT                 | <input type="checkbox"/> NEW CONSTRUCTION                |
|   | <input type="checkbox"/> OPERATOR CHANGE               | <input type="checkbox"/> PLUG AND ABANDON               | <input type="checkbox"/> PLUG BACK                       |
|   | <input type="checkbox"/> PRODUCTION START OR RESUME    | <input type="checkbox"/> RECLAMATION OF WELL SITE       | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  |
|   | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL       | <input type="checkbox"/> TEMPORARY ABANDON               |
|   | <input type="checkbox"/> TUBING REPAIR                 | <input type="checkbox"/> VENT OR FLARE                  | <input type="checkbox"/> WATER DISPOSAL                  |
|   | <input type="checkbox"/> WATER SHUTOFF                 | <input type="checkbox"/> SI TA STATUS EXTENSION         | <input checked="" type="checkbox"/> <b>APD EXTENSION</b> |
|   | <input type="checkbox"/> WILDCAT WELL DETERMINATION    | <input type="checkbox"/> OTHER                          | OTHER: <input style="width: 100px;" type="text"/>        |

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

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

Approved by the  
 November 14, 2016  
 Oil, Gas and Mining

Date: \_\_\_\_\_

By: 

|  |                                     |                                 |
|--|-------------------------------------|---------------------------------|
| <b>NAME (PLEASE PRINT)</b><br>Mandie Crozier | <b>PHONE NUMBER</b><br>435 646-4825 | <b>TITLE</b><br>Regulatory Tech |
| <b>SIGNATURE</b><br>N/A                      | <b>DATE</b><br>11/8/2016            |                                 |



**The Utah Division of Oil, Gas, and Mining**

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Request for Permit Extension Validation Well Number 43013526750000**

API: 43013526750000

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Date Original Permit Issued: 12/3/2013

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- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?  Yes  No
  
- Is bonding still in place, which covers this proposed well?  Yes  No

Signature: Mandie Crozier

Date: 11/8/2016

Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY