

**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>Schwab-Stollmack 5-19-4-1E  |
| <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>UNDESIGNATED  |
| <b>4. TYPE OF WELL</b><br>Oil Well Coalbed Methane Well: NO   |  | <b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>  |
| <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) FEE</b>   | <b>11. MINERAL OWNERSHIP</b><br>FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>    | <b>12. SURFACE OWNERSHIP</b><br>FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| <b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b><br>Henderson Ranches LLC   |  | <b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>  |
| <b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b><br>RR 3 Box 3671, Myton , UT 84052  |  | <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 checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>                               |

| 20. LOCATION OF WELL                   | FOOTAGES         | QTR-QTR | SECTION | TOWNSHIP | RANGE | MERIDIAN |
|--|------------------|---------|---------|----------|-------|----------|
| <b>LOCATION AT SURFACE</b>             | 1697 FNL 678 FWL | SWNW    | 19      | 4.0 S    | 1.0 E | U        |
| <b>Top of Uppermost Producing Zone</b> | 1697 FNL 678 FWL | SWNW    | 19      | 4.0 S    | 1.0 E | U        |
| <b>At Total Depth</b>                  | 1697 FNL 678 FWL | SWNW    | 19      | 4.0 S    | 1.0 E | U        |

|   |  |  |
|---|--|--|
| <b>21. COUNTY</b><br>UINTAH                 | <b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b><br>678                                      | <b>23. NUMBER OF ACRES IN DRILLING UNIT</b><br>40  |
|   | <b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b><br>1073 | <b>26. PROPOSED DEPTH</b><br>MD: 7040 TVD: 7040  |
| <b>27. ELEVATION - GROUND LEVEL</b><br>4952 | <b>28. BOND NUMBER</b><br>B001834  | <b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b><br>437478 |

**ATTACHMENTS**

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

|   |  |
|---|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER      | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN                 |
| <input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE) | <input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER |
| <input 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> 07/13/2010   | <b>EMAIL</b> mcrozier@newfield.com |
| <b>API NUMBER ASSIGNED</b><br>43047511640000 | <b>APPROVAL</b><br><br><br>Permit Manager |                                    |

| <b>Proposed Hole, Casing, and Cement</b> |                  |                    |                 |                    |  |  |
|--|------------------|--------------------|-----------------|--------------------|--|--|
| <b>String</b>                            | <b>Hole Size</b> | <b>Casing Size</b> | <b>Top (MD)</b> | <b>Bottom (MD)</b> |  |  |
| Prod                                     | 7.875            | 5.5                | 0               | 7040               |  |  |
| <b>Pipe</b>                              | <b>Grade</b>     | <b>Length</b>      | <b>Weight</b>   |                    |  |  |
|  | Grade J-55 LT&C  | 7040               | 15.5            |                    |  |  |
|  |                  |                    |                 |                    |  |  |

**Proposed Hole, Casing, and Cement**

| <b>String</b> | <b>Hole Size</b> | <b>Casing Size</b> | <b>Top (MD)</b> | <b>Bottom (MD)</b> |  |  |
|---------------|------------------|--------------------|-----------------|--------------------|--|--|
| Surf          | 12.25            | 8.625              | 0               | 350                |  |  |
| <b>Pipe</b>   | <b>Grade</b>     | <b>Length</b>      | <b>Weight</b>   |                    |  |  |
|               | Grade J-55 ST&C  | 350                | 24.0            |                    |  |  |
|               |                  |                    |                 |                    |  |  |



**MEMORANDUM  
of  
EASEMENT, RIGHT-OF-WAY  
and  
SURFACE USE AGREEMENT**

This Easement and Surface Use Agreement (“Agreement”) is entered into this 20th day of May 2010 by and between, **Wayne and Moreen Henderson, Lance and Julie Henderson, Tommy Henderson, and Billie Henderson, whose address is R.R. 3, Box 3671, Myton, Utah 84052** (“Surface Owner,” whether one or more), and NEWFIELD PRODUCTION COMPANY, a Texas corporation (“NEWFIELD”), with offices at 1001 Seventeenth Street, Suite 2000, Denver, Colorado 80202, covering certain lands, (the “Lands”) situated in Uintah County, Utah described as follows:

**Township 4 South, Range 1 East  
Section 19: SWNW  
(5-19-4-1E, approx. 1.5 acres plus approx. 9,730ft of road and pipeline)**

**Uintah County, Utah**

**(limited to proposed roads, pipelines, & well pad only, as shown in attached plats)**

**and associated road and pipeline routes beginning at the wellsites and traversing the lands as shall be agreed upon prior to the construction of same.**

For and in consideration of the sum of ten dollars (\$10.00), and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby agree to the terms and provisions set forth as follows:

1. **Compensation for Well; Release of All Claims**

NEWFIELD shall pay to Surface Owner the sum as set forth in and according to the terms of that certain Letter Agreement for Easement, Right-of Way and Surface Use by and between Surface Owner and NEWFIELD, dated May 20th, 2010, as full payment and satisfaction for any and all detriment, depreciation, injury or damage of any nature to the Lands or growing crops thereon that may occur as a result of NEWFIELD’s drilling or completion operations or its continuing activities for the production or transportation of oil, gas, or other hydrocarbons or products associated with the foregoing including, but not limited to, surface use, access, pipelines, gathering lines, pipeline interconnections, and any and all other reasonable or customary uses of land related to said operations or activities.

2. **Grant of Right of Way and Easement**

Surface Owner hereby grants, bargains, leases, assigns, and conveys to NEWFIELD an easement and right-of-way for the purpose of construction, using and maintaining access roads, locations for surface equipment and subsurface gathering lines for each well drilled upon the Lands, pipelines, and pipeline interconnections for two years from date of this agreement and so long thereafter as NEWFIELD’s oil and gas leases remain in effect.

This Agreement shall be binding upon the respective heirs, executors, administrators, successors, and assigns of the undersigned.

These Parties hereto have executed this document effective as of the day first above written.

**NEWFIELD PRODUCTION COMPANY**

By: \_\_\_\_\_  
Dan Shewmake, Vice President-Development

**SURFACE OWNER**

By: Wayne Henderson  
Wayne Henderson

By: Moreen Henderson  
Moreen Henderson

By: Lance Henderson  
Lance Henderson

By: Julie Henderson  
Julie Henderson

By: Tommy Henderson  
Tommy Henderson

By: Billie Henderson  
Billie Henderson

STATE OF UTAH )  
 )  
COUNTY OF Duchesne )  
 )ss

This instrument was acknowledged before me this 26<sup>th</sup> day of June, 2010 by **Wayne Henderson and Moreen Henderson**

Witness my hand and official seal.

My commission expires 9/8/2013



STATE OF UTAH )  
 )  
COUNTY OF Duchesne )  
 )ss

This instrument was acknowledged before me this 26<sup>th</sup> day of June, 2010 by **Lance Henderson and Julie Henderson**

Witness my hand and official seal.

My commission expires 9/8/2013



STATE OF UTAH )  
 )  
COUNTY OF Duchesne )  
 )ss

This instrument was acknowledged before me this 26<sup>th</sup> day of June, 2010 by **Tommy Henderson and Billie Henderson**

Witness my hand and official seal.

My commission expires 9/8/2013



STATE OF COLORADO )  
 )  
COUNTY OF Denver )  
 )ss

This instrument was acknowledged before me this \_\_\_\_\_, 2010 by **Dan Shewmake-Development, as Vice President of Newfield Production Company, a Texas corporation, on behalf of the corporation.**

Witness my hand and official seal.

\_\_\_\_\_  
Notary Public

My commission expires \_\_\_\_\_

NEWFIELD PRODUCTION COMPANY  
SCHWAB-STOLLMACK 5-19-4-1E  
SW/NW SECTION 19, T4S, R1E  
UINTAH COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

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

|                    |               |
|--------------------|---------------|
| Uinta              | 0' – 1,995'   |
| Green River        | 1,995'        |
| Wasatch            | 6,765'        |
| <b>Proposed TD</b> | <b>7,040'</b> |

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

Green River Formation (Oil) 1,995' – 6,765'

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: Schwab-Stollmack 5-19-4-1E**

| Size                     | Interval |        | Weight | Grade | Coupling | Design Factors |          |         |
|--------------------------|----------|--------|--------|-------|----------|----------------|----------|---------|
|                          | Top      | Bottom |        |       |          | Burst          | Collapse | Tension |
| Surface casing<br>8-5/8" | 0'       | 350'   | 24.0   | J-55  | STC      | 2,950          | 1,370    | 244,000 |
|                          |          |        |        |       |          | 15.02          | 12.30    | 29.05   |
| Prod casing<br>5-1/2"    | 0'       | 7,040' | 15.5   | J-55  | LTC      | 4,810          | 4,040    | 217,000 |
|                          |          |        |        |       |          | 2.15           | 1.80     | 1.99    |

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: Schwab-Stollmack 5-19-4-1E**

| Job                 | Fill   | Description                      | Sacks           | OH Excess* | Weight (ppg) | Yield (ft <sup>3</sup> /sk) |
|---------------------|--------|----------------------------------|-----------------|------------|--------------|-----------------------------|
|                     |        |                                  | ft <sup>3</sup> |            |              |                             |
| Surface casing      | 350'   | Class G w/ 2% CaCl               | 161             | 30%        | 15.8         | 1.17                        |
|                     |        |                                  | 188             |            |              |                             |
| Prod casing<br>Lead | 5,040' | Prem Lite II w/ 10% gel + 3% KCl | 348             | 30%        | 11.0         | 3.26                        |
|                     |        |                                  | 1135            |            |              |                             |
| 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 ±350 feet will be drilled with an air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ±350 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 @ 350' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +/- . A cement bond log will be run from PBDT to cement top. No drill stem testing or coring is planned for this well.

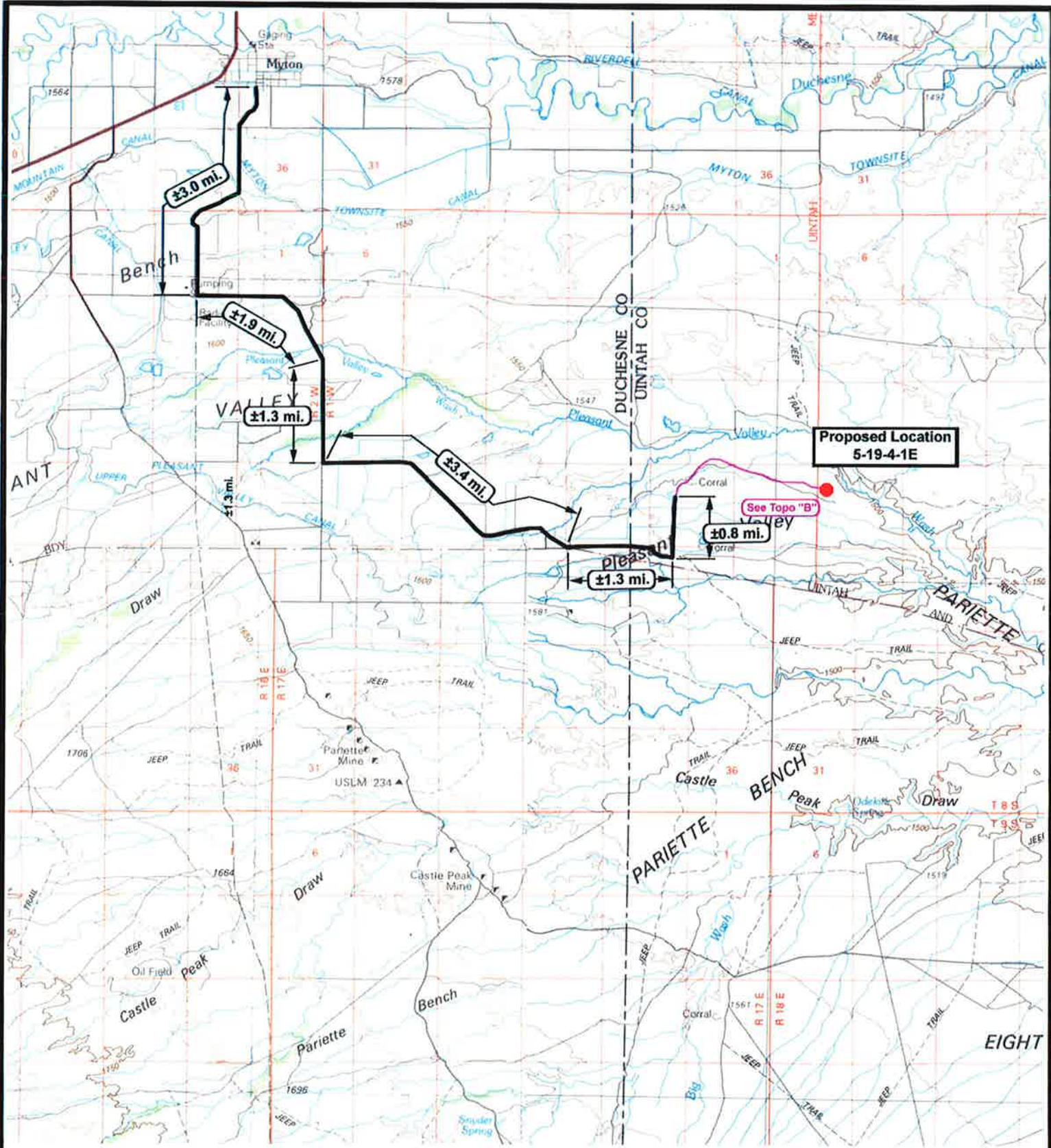
9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

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 fourth quarter of 2010, and take approximately seven (7) days from spud to rig release.



**NEWFIELD**  
Exploration Company

**5-19-4-1E**  
**SEC. 19, T4S, R1E, U.S.B.&M.**



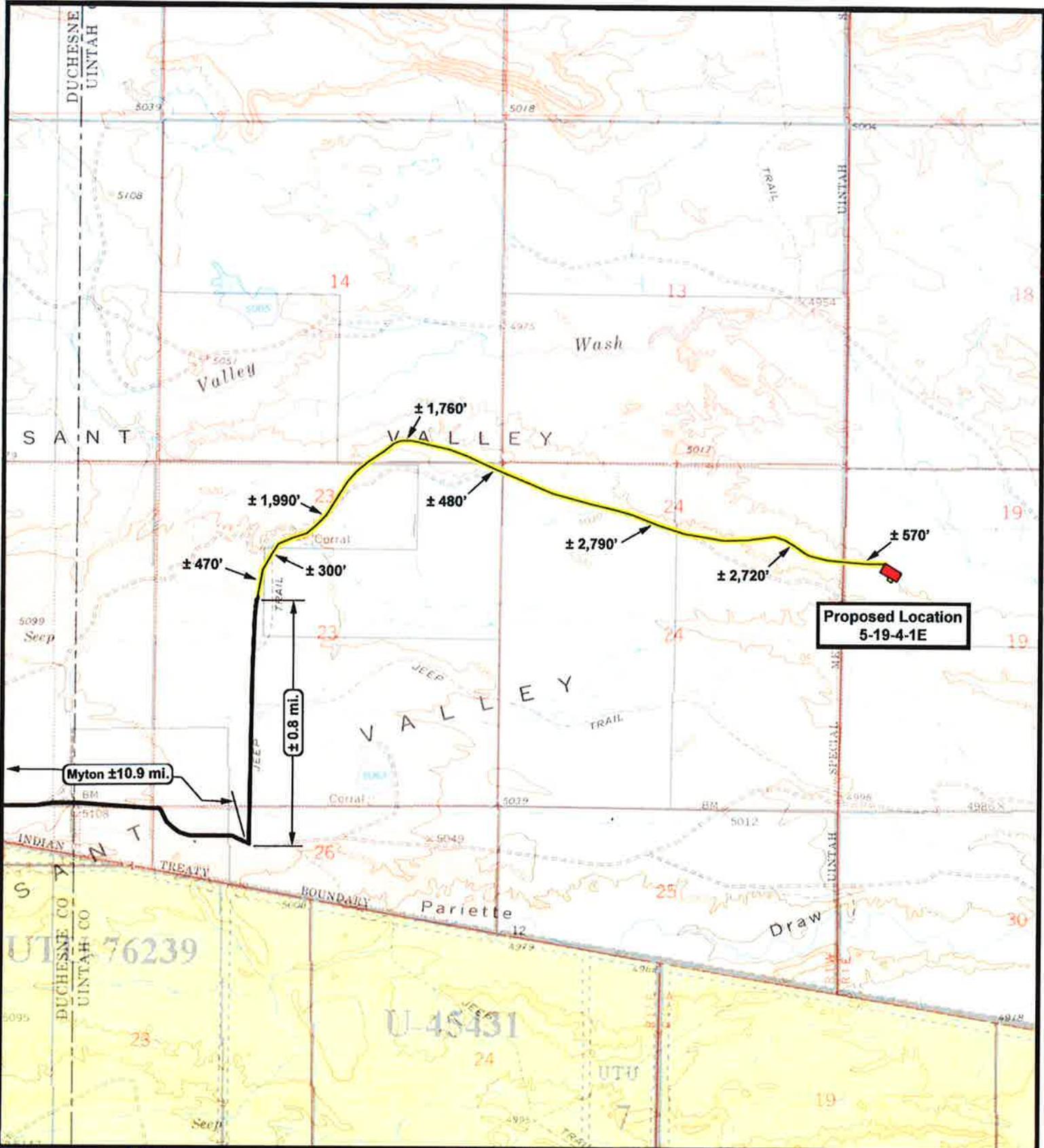
**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

**SCALE: 1 = 100,000**  
**DRAWN BY: mw**  
**DATE: 01-21-2010**

**Legend**

- Existing Road
- Proposed Access

**TOPOGRAPHIC MAP**  
**"A"**



**NEWFIELD**  
Exploration Company

**5-19-4-1E**  
**SEC. 19, T4S, R1E, U.S.B.&M.**



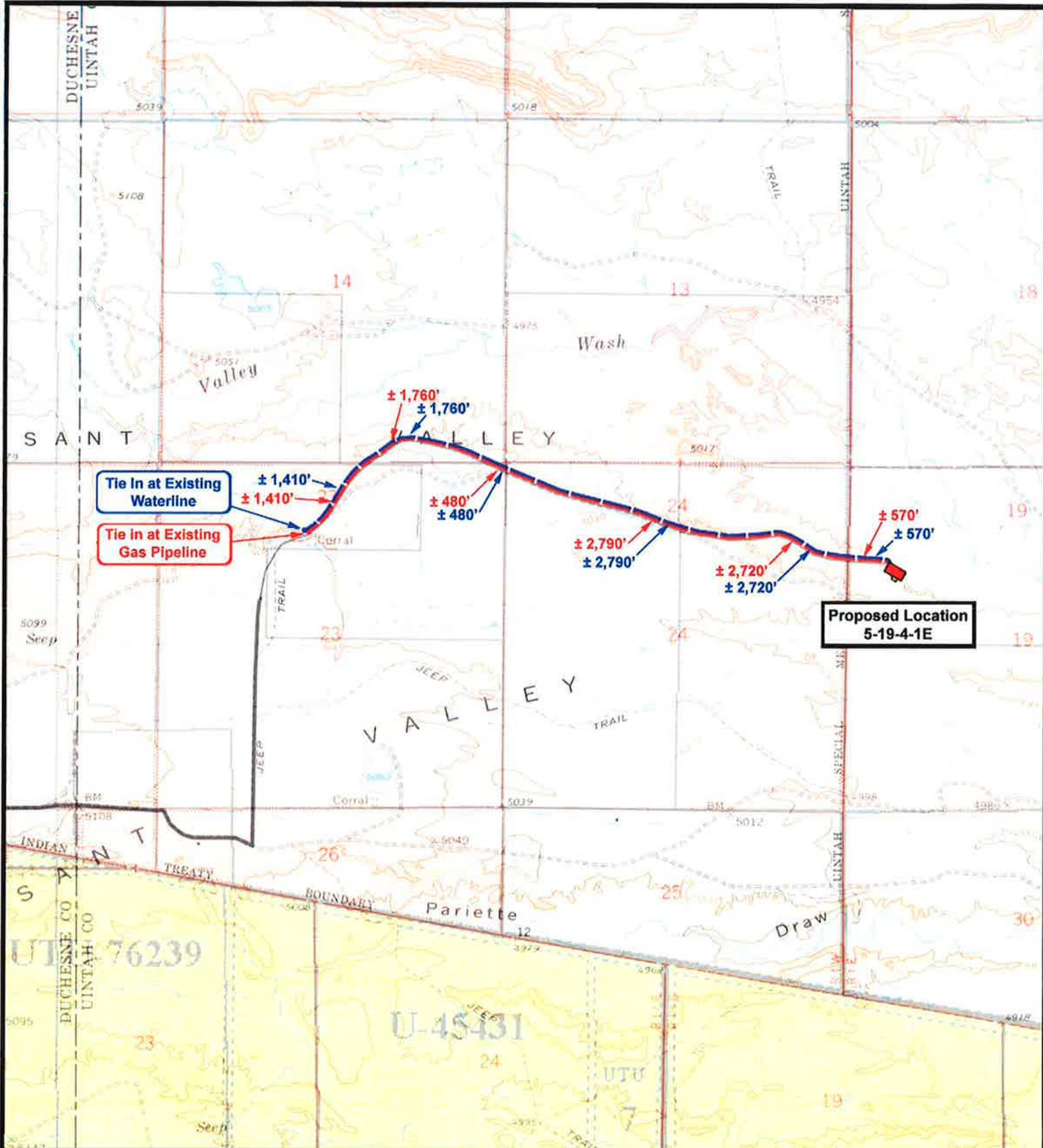
**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

**SCALE: 1" = 2,000'**  
**DRAWN BY: mw**  
**DATE: 01-25-2010**

**Legend**

- Existing Road
- Proposed Access

**TOPOGRAPHIC MAP**  
**"B"**



**NEWFIELD**  
Exploration Company

**5-19-4-1E**  
**SEC. 19, T4S, R1E, U.S.B.&M.**



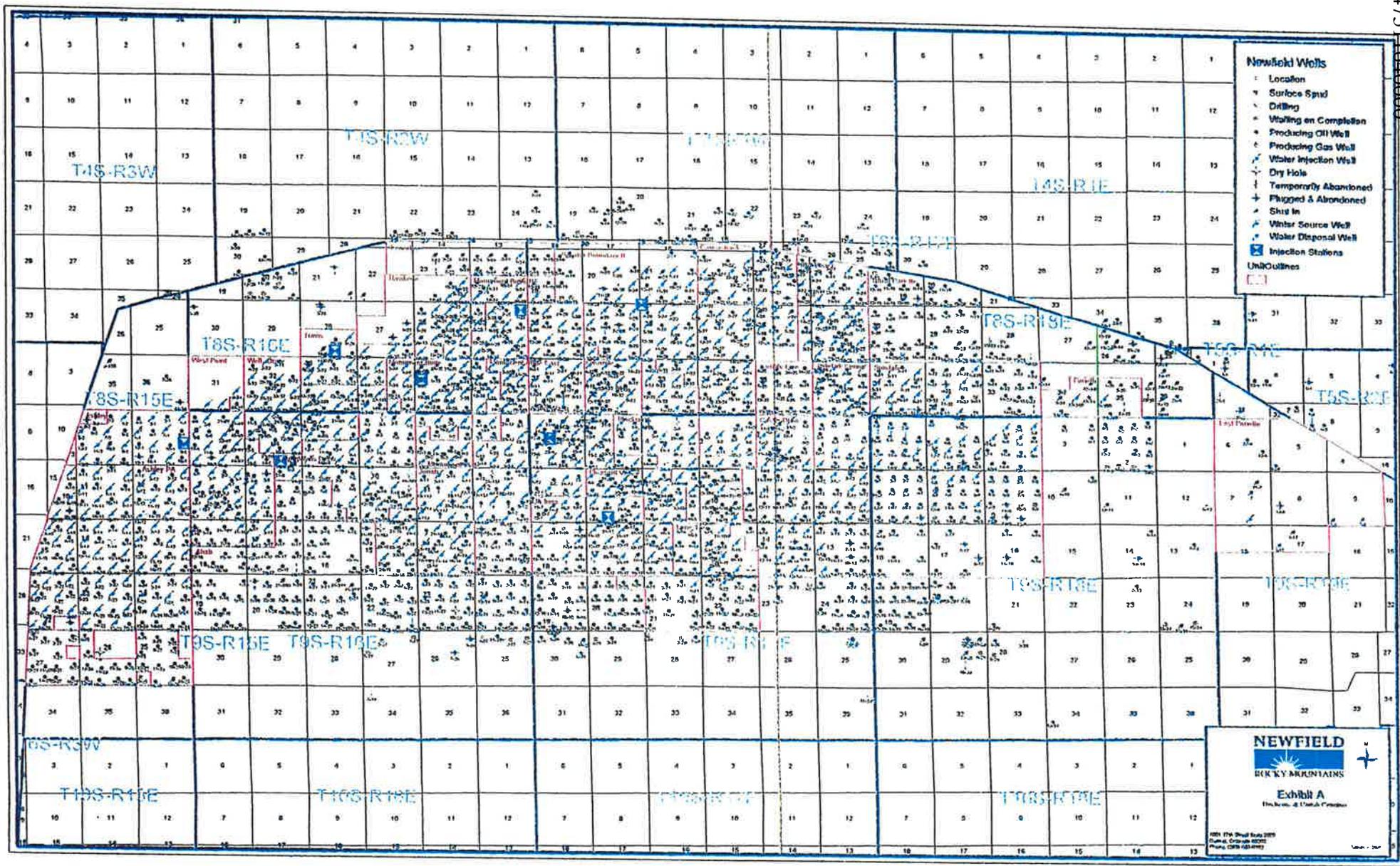
*Tri-State*  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

**SCALE: 1" = 2,000'**  
**DRAWN BY: mw**  
**DATE: 01-25-2010**

**Legend**

- Roads
- Proposed Gas Line
- Proposed Water Line

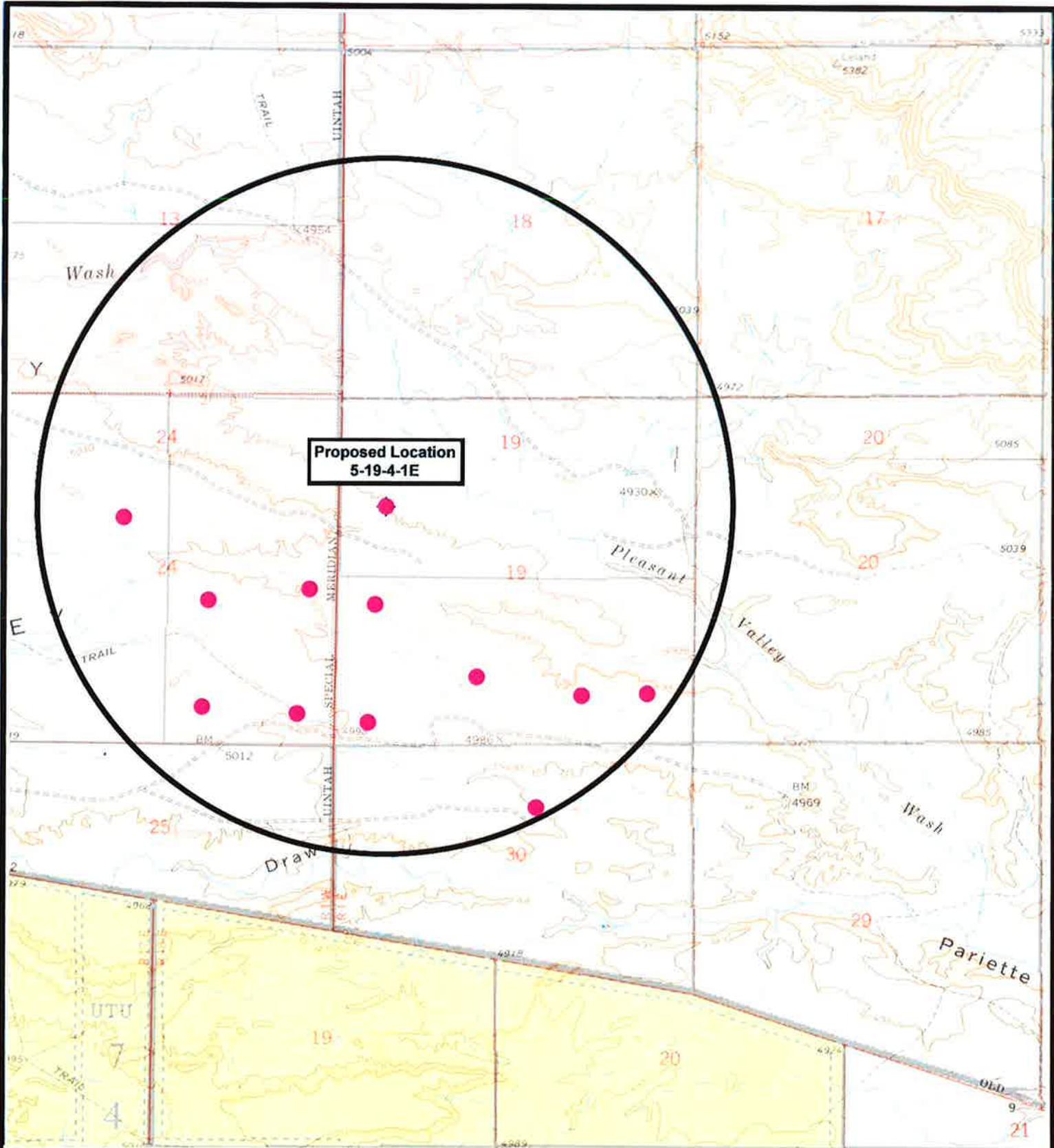
**TOPOGRAPHIC MAP**  
**"C"**



- Newfield Wells**
- Location
  - Surface Spud
  - ⊕ Drilling
  - ▬ Waiting on Completion
  - ▬ Producing Oil Well
  - ▬ Producing Gas Well
  - ⊕ Water Injection Well
  - ⊕ Dry Hole
  - ⊕ Temporarily Abandoned
  - ⊕ Plugged & Abandoned
  - ⊕ Shut In
  - ⊕ Water Source Well
  - ⊕ Water Disposal Well
  - ▬ Injection Stations
  - - - UNOCutlines

**NEWFIELD**  
ROCKY MOUNTAINS  
Exhibit A  
The Best at What We Do

© 2011 Newfield Energy Services, Inc.  
All rights reserved.  
Newfield Energy Services, Inc.  
10000 Newfield Drive  
Houston, Texas 77036



**Proposed Location  
5-19-4-1E**



**NEWFIELD**  
Exploration Company

**5-19-4-1E**  
**SEC. 19, T4S, R1E, U.S.B.&M.**




*Tri-State*  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

**SCALE: 1" = 2,000'**  
**DRAWN BY: mw**  
**DATE: 01-25-2010**

**Legend**

- Location
- One-Mile Radius

**Exhibit "B"**

NEWFIELD PRODUCTION COMPANY  
SCHWAB-STOLLMACK 5-19-4-1E  
SW/NW SECTION 19, T4S, R1E  
UINTAH COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. **EXISTING ROADS**

See attached **Topographic Map “A”**

To reach Newfield Production Company well location site Schwab-Stollmack 5-19-4-1E located in the SW¼ NW¼ Section 19, T4S, R1E, S.L.B. & M., Uintah County, Utah:

Proceed in a southwesterly direction out of Myton, approximately 3.0 miles to the junction of this road and an existing road to the east; proceed southeasterly approximately 1.9 miles to it's junction with an existing road to the south; proceed southerly approximately 1.3 miles to it's junction with an existing road to the east; proceed in a southeasterly direction approximately 4.7 miles to it's junction with an existing road to the north; proceed northerly approximately 0.8 miles to it's junction with the beginning of the proposed access road; proceed in a easterly direction along the proposed access road approximately 11,080' to the proposed well location.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

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.

2. **PLANNED ACCESS ROAD**

Approximately 11,080' of access road is proposed. See attached **Topographic Map “B”**.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

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 for drilling purposes from the following water sources:

Johnson Water District  
Water Right: 43-7478

Neil Moon Pond  
Water Right: 43-11787

Newfield Collector Well  
Water Right: 41-3530 (A30414DV, 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. A 16 mil liner with felt will be required. Newfield requests approval that a flare pit be constructed and 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.

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, 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, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

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**

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) 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.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

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

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

a) **Producing Location**

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:** Henderson Ranches LLC  
See the attached Memorandum of Right of Way and Surface Use Agreement.

12. **OTHER ADDITIONAL INFORMATION:**

Newfield Production Company requests 11,080' of planned access road to be granted. **Refer to Topographic Map "B"**. Newfield Production Company requests 9,730' of surface gas line to be granted. Newfield Production Company requests 9,730' of buried water line to be granted.

It is proposed that the disturbed area will be 60' wide to allow for construction of the proposed access road, a 10" or smaller gas gathering line, a 3" poly fuel gas line, a buried 3" steel water injection line and a buried 3" poly water return line. The planned access road will consist of a 18' permanent running surface (9' either side of the centerline) crowned and ditched in order to handle any run-off from any precipitation events that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be turnouts as needed along this road to allow for increases in potential traffic issues. 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.

Both the proposed surface gas and buried water lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** The proposed water pipelines will be buried in a 4-5' deep trench constructed with a trencher or backhoe for the length of the proposal. The equipment will run on the surface and not be flat bladed to minimize surface impacts to precious topsoil in these High Desert environments. If possible, all proposed surface gas pipelines will be installed on the same side of the road as existing gas lines. The construction phase of the planned access road, proposed gas lines and proposed water lines will last approximately (5) days.

In the event that the proposed well is converted to a water injection well, a Sundry Notice form will be applied for through the State of Utah DOGM.

- a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.
- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.

- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial 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 Schwab-Stollmack 5-19-4-1E, 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 Schwab-Stollmack 5-19-4-1E 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.

The State office shall be notified upon site completion prior to moving on the drilling rig.

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

##### Representative

Name: Tim Eaton  
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 #5-19-4-1E, SW/NW Section 19, T4S, R1E, Uintah County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Bond #B001834.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct

to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

7/12/10  
Date

  
Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

# 2-M SYSTEM

Blowout Prevention Equipment Systems

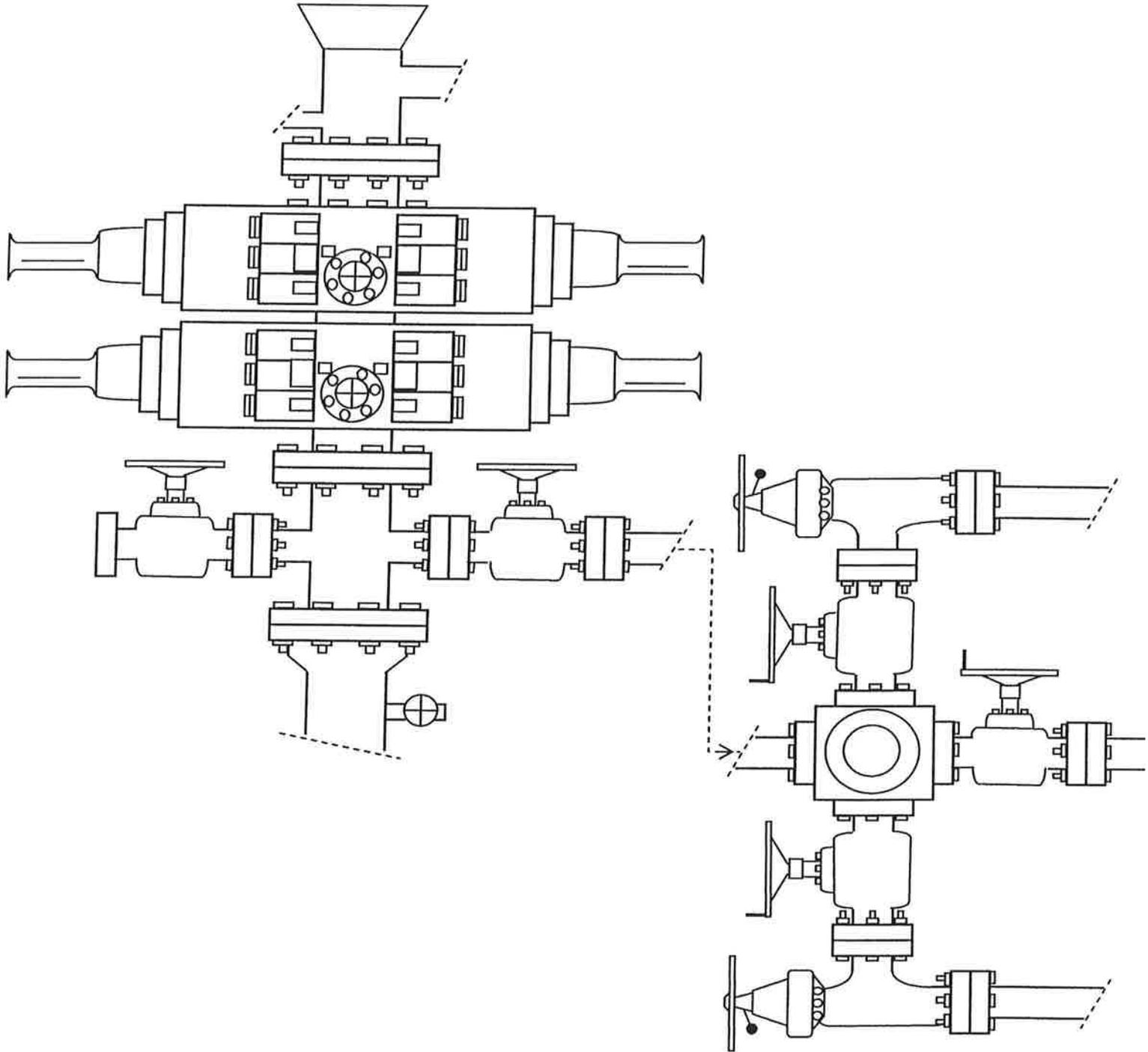


EXHIBIT C

# NEWFIELD



Route #3 Box 3630  
Myton, Utah 84052  
(435) 646-4825, FAX: (435) 646-3031

July 13, 2010

State of Utah  
Division of Oil, Gas & Mining  
Attn: Diana Mason  
1594 West North Temple - Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Application for Permit to Drill  
**Schwab-Stollmack 5-19-4-1E**

Dear Diana:

The above mentioned location is an **Exception Location**. Our Land Department will send you the required exception location letter. If you have any questions, feel free to give either Tim Eaton or myself a call.

Sincerely,

A handwritten signature in blue ink that reads "Mandie Crozier". The signature is fluid and cursive.

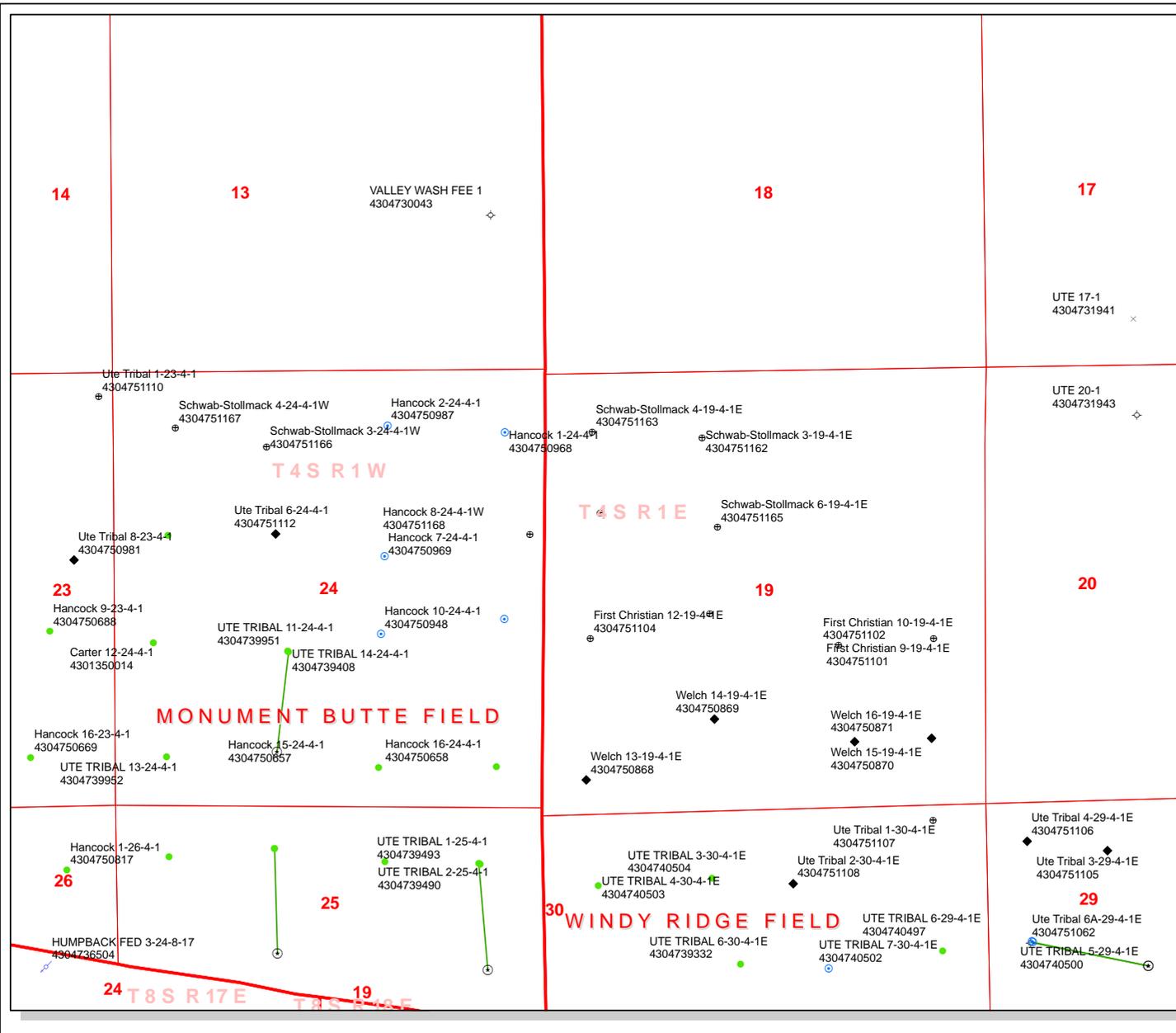
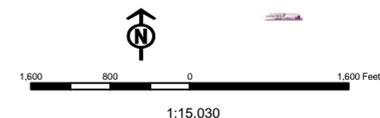
Mandie Crozier  
Regulatory Specialist

**API Number: 4304751164**  
**Well Name: Schwab-Stollmack 5-19-4-1E**  
**Township 04.0 S Range 01.0 E Section 19**  
**Meridian: UBM**

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:  
 Map Produced by Diana Mason

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





July 14, 2010

State of Utah, Division of Oil, Gas & Mining  
ATTN: Diana Mason  
PO Box 145801  
Salt Lake City, UT 84114-5801

RE: Exception Location  
**Schwab-Stollmack 5-19-4-1E**  
T4S R1E, Section 19: SWNW  
1697' FNL 678' FWL  
Uintah County, Utah

Dear Ms. Mason;

Pursuant to Rule 649-3-3 of the Oil & Gas Rules and Regulations of the State of Utah, Newfield Production Company ("NPC") hereby requests an exception location for the drilling of the captioned well. The proposed drillsite for this well is located 56' north of the drilling window required by Rule R649-3-2, which requires a well to be located in the center of a forty (40) acre quarter-quarter section, or a substantially equivalent lot or tract, with a tolerance of two hundred (200) feet in any direction from the center.

The attached plat depicts the proposed location and illustrates the deviation from the drilling window. The requested location has been chosen accommodate the surface owner.

Please note the drillsite and all surrounding acreage within a four hundred sixty (460') foot radius is owned by NPC.

If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-383-4137 or by email at [awild@newfield.com](mailto:awild@newfield.com) . Your consideration of this matter is greatly appreciated.

Sincerely,

A handwritten signature in blue ink, appearing to read "Alan D. Wild", is written over a faint, illegible printed name.

Alan D. Wild  
Land Associate

Attachment

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

FORM 3

AMENDED REPORT   
(highlight changes)

|  |  |   |   |                    |
|--|--|---|---|--------------------|
| <b>APPLICATION FOR PERMIT TO DRILL</b>   |  |   | 5 MINERAL LEASE NO:<br><b>FEE</b>                                 | 6 SURFACE:<br>Fee  |
| 1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>   |  |   | 7. IF INDIAN, ALLOTTEE OR TRIBE NAME:<br>NA                       |                    |
| B. TYPE OF WELL: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> |  |   | 8. UNIT or CA AGREEMENT NAME:<br>NA                               |                    |
| 2 NAME OF OPERATOR:<br>Newfield Production Company   |  |   | 9. WELL NAME and NUMBER:<br>Schwab-Stollmack 5-19-4-1E            |                    |
| 3 ADDRESS OF OPERATOR:<br>Route #3 Box 3630 Myton UT 84052   |  | PHONE NUMBER:<br>(435) 646-3721                               | 10. FIELD AND POOL, OR WILDCAT:<br>Monument Butte                 |                    |
| 4. LOCATION OF WELL (FOOTAGES)<br>AT SURFACE: SW/NW 1697' FNL 678' FWL<br>AT PROPOSED PRODUCING ZONE:  |  |   | 11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:<br>SWNW 19 4S 1E |                    |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE:<br>Approximately 13.8 miles southeast of Myton, Utah   |  |   | 12. COUNTY:<br>Uintah   | 13. STATE:<br>UTAH |
| 15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)<br>Approx. 678' f/lse line, NA' f/unit line  | 16. NUMBER OF ACRES IN LEASE:<br>NA                                | 17. NUMBER OF ACRES ASSIGNED TO THIS WELL:<br>40 acres        |   |                    |
| 18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)<br>Approx. 1073'   | 19. PROPOSED DEPTH:<br>7,040                                       | 20. BOND DESCRIPTION:<br>#B001834                             |   |                    |
| 21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):<br>4952' GL  | 22. APPROXIMATE DATE WORK WILL START:<br>4 <sup>th</sup> Qtr. 2010 | 23. ESTIMATED DURATION:<br>(10) days from SPUD to rig release |   |                    |

**PROPOSED CASING AND CEMENTING PROGRAM**

| SIZE OF HOLE | CASING SIZE, GRADE, AND WEIGHT PER FOOT | SETTING DEPTH | CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT |            |           |
|--------------|---|---------------|---|------------|-----------|
| 12 1/4       | 8 5/8 J-55 24.0                         | 350           | Class G w/2% CaCl                               | 155 sx +/- | 1.17 15.8 |
| 7 7/8        | 5 1/2 J-55 15.5                         | 7,040         | Lead(Prem Lite II)                              | 275 sx +/- | 3.26 11.0 |
|              |   |               | Tail (50/50 Poz)                                | 450 sx +/- | 1.24 14.3 |
|              |   |               |   |            |           |
|              |   |               |   |            |           |
|              |   |               |   |            |           |
|              |   |               |   |            |           |

**ATTACHMENTS**

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

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER     | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN                                   |
| <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

NAME (PLEASE PRINT) Mandie Crozier TITLE Regulatory Specialist  
SIGNATURE *Mandie Crozier* DATE 7/12/10

(This space for State use only)

API NUMBER ASSIGNED: \_\_\_\_\_

APPROVAL: \_\_\_\_\_



|  |  |       |  |  |
|--|--|-------|--|--|
| Well Name                                | NEWFIELD PRODUCTION COMPANY Schwab-Stollmack 5-19-4-1E 43047 |       |  |  |
| String                                   | Surf   | Prod  |  |  |
| Casing Size(")                           | 8.625  | 5.500 |  |  |
| Setting Depth (TVD)                      | 350  | 7040  |  |  |
| Previous Shoe Setting Depth (TVD)        | 40   | 350   |  |  |
| Max Mud Weight (ppg)                     | 8.3  | 8.4   |  |  |
| BOPE Proposed (psi)                      | 500  | 2000  |  |  |
| Casing Internal Yield (psi)              | 2950   | 4810  |  |  |
| Operators Max Anticipated Pressure (psi) | 3027   | 8.3   |  |  |

|   |  |       |  |
|---|--|-------|--|
| Calculations                                  | Surf String  | 8.625 | "  |
| Max BHP (psi)                                 | .052*Setting Depth*MW=                             | 151   |  |
|   |  |       | <b>BOPE Adequate For Drilling And Setting Casing at Depth?</b> |
| MASP (Gas) (psi)                              | Max BHP-(0.12*Setting Depth)=                      | 109   | YES <input type="checkbox"/> air drill                         |
| MASP (Gas/Mud) (psi)                          | Max BHP-(0.22*Setting Depth)=                      | 74    | YES <input type="checkbox"/> OK                                |
|   |  |       | <b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>   |
| Pressure At Previous Shoe                     | Max BHP-.22*(Setting Depth - Previous Shoe Depth)= | 83    | NO <input type="checkbox"/>                                    |
| Required Casing/BOPE Test Pressure=           |  | 350   | psi  |
| *Max Pressure Allowed @ Previous Casing Shoe= |  | 40    | psi *Assumes 1psi/ft frac gradient                             |

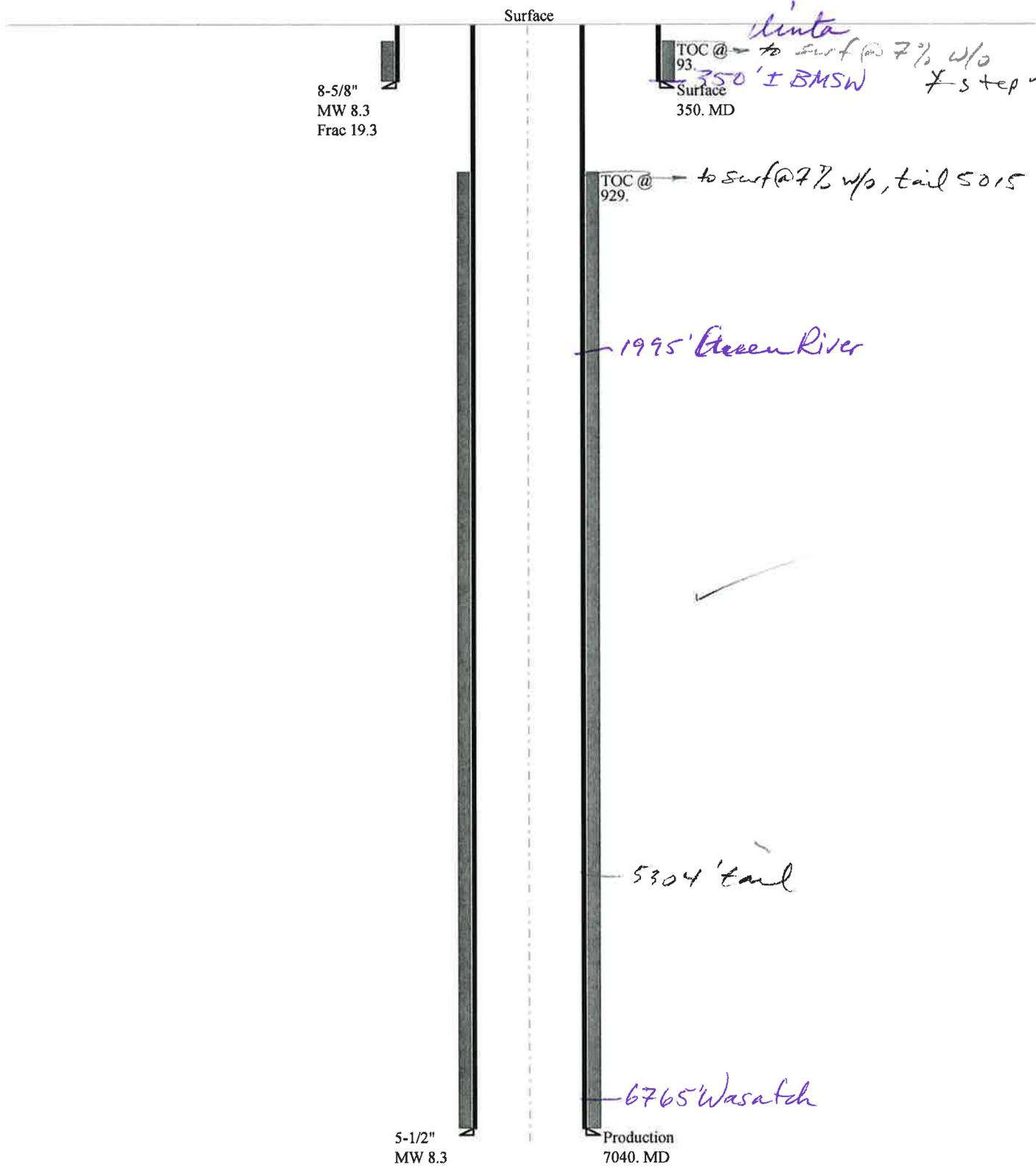
|   |  |       |  |
|---|--|-------|--|
| Calculations                                  | Prod String  | 5.500 | "  |
| Max BHP (psi)                                 | .052*Setting Depth*MW=                             | 3075  |  |
|   |  |       | <b>BOPE Adequate For Drilling And Setting Casing at Depth?</b> |
| MASP (Gas) (psi)                              | Max BHP-(0.12*Setting Depth)=                      | 2230  | NO <input type="checkbox"/>                                    |
| MASP (Gas/Mud) (psi)                          | Max BHP-(0.22*Setting Depth)=                      | 1526  | YES <input type="checkbox"/> OK                                |
|   |  |       | <b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>   |
| Pressure At Previous Shoe                     | Max BHP-.22*(Setting Depth - Previous Shoe Depth)= | 1603  | NO <input type="checkbox"/> Reasonable for area                |
| Required Casing/BOPE Test Pressure=           |  | 2000  | psi  |
| *Max Pressure Allowed @ Previous Casing Shoe= |  | 350   | psi *Assumes 1psi/ft frac gradient                             |

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

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

# 43047511640000 Schwab-Stollmack 5-19-4-1E

## Casing Schematic



|              |  |             |              |
|--------------|--|-------------|--------------|
| Well name:   | <b>43047511640000 Schwab-Stollmack 5-19-4-1E</b> |             |              |
| Operator:    | <b>NEWFIELD PRODUCTION COMPANY</b>               |             |              |
| String type: | Surface  | Project ID: | 43-047-51164 |
| Location:    | UINTAH COUNTY                                    |             |              |

**Design parameters:**

**Collapse**

Mud weight: 8.330 ppg  
 Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
 Surface temperature: 74 °F  
 Bottom hole temperature: 79 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 100 ft  
 Cement top: 93 ft

**Burst**

Max anticipated surface pressure: 308 psi  
 Internal gradient: 0.120 psi/ft  
 Calculated BHP 350 psi

No backup mud specified.

**Tension:**

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

Tension is based on air weight.  
 Neutral point: 306 ft

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 7,040 ft  
 Next mud weight: 8.400 ppg  
 Next setting BHP: 3,072 psi  
 Fracture mud wt: 19.250 ppg  
 Fracture depth: 350 ft  
 Injection pressure: 350 psi

| Run Seq | Segment Length (ft) | Size (in)               | Nominal Weight (lbs/ft) | Grade            | End Finish           | True Vert Depth (ft) | Measured Depth (ft) | Drift Diameter (in)     | Est. Cost (\$)        |
|---------|---------------------|-------------------------|-------------------------|------------------|----------------------|----------------------|---------------------|-------------------------|-----------------------|
| 1       | 350                 | 8.625                   | 24.00                   | J-55             | ST&C                 | 350                  | 350                 | 7.972                   | 1802                  |
| Run Seq | Collapse Load (psi) | Collapse Strength (psi) | Collapse Design Factor  | Burst Load (psi) | Burst Strength (psi) | Burst Design Factor  | Tension Load (kips) | Tension Strength (kips) | Tension Design Factor |
| 1       | 151                 | 1370                    | 9.046                   | 350              | 2950                 | 8.43                 | 8.4                 | 244                     | 29.05 J               |

Prepared by: Helen Sadik-Macdonald  
 Div of Oil, Gas & Mining

Phone: 801 538-5357  
 FAX: 801-359-3940

Date: August 4, 2010  
 Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 350 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

|              |  |             |              |
|--------------|--|-------------|--------------|
| Well name:   | <b>43047511640000 Schwab-Stollmack 5-19-4-1E</b> |             |              |
| Operator:    | <b>NEWFIELD PRODUCTION COMPANY</b>               |             |              |
| String type: | Production                                       | Project ID: | 43-047-51164 |
| Location:    | UINTAH COUNTY                                    |             |              |

**Design parameters:**

**Collapse**

Mud weight: 8.330 ppg  
 Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
 Surface temperature: 74 °F  
 Bottom hole temperature: 173 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 100 ft  
 Cement top: 929 ft

**Burst**

Max anticipated surface pressure: 1,498 psi  
 Internal gradient: 0.220 psi/ft  
 Calculated BHP 3,046 psi

No backup mud specified.

**Tension:**

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

Tension is based on air weight.  
 Neutral point: 6,153 ft

**Non-directional string.**

| Run Seq | Segment Length (ft) | Size (in)               | Nominal Weight (lbs/ft) | Grade            | End Finish           | True Vert Depth (ft) | Measured Depth (ft) | Drift Diameter (in)     | Est. Cost (\$)        |
|---------|---------------------|-------------------------|-------------------------|------------------|----------------------|----------------------|---------------------|-------------------------|-----------------------|
| 1       | 7040                | 5.5                     | 15.50                   | J-55             | LT&C                 | 7040                 | 7040                | 4.825                   | 24858                 |
| Run Seq | Collapse Load (psi) | Collapse Strength (psi) | Collapse Design Factor  | Burst Load (psi) | Burst Strength (psi) | Burst Design Factor  | Tension Load (kips) | Tension Strength (kips) | Tension Design Factor |
| 1       | 3046                | 4040                    | 1.326                   | 3046             | 4810                 | 1.58                 | 109.1               | 217                     | 1.99 J                |

Prepared by: Helen Sadik-Macdonald  
 Div of Oil, Gas & Mining

Phone: 801 538-5357  
 FAX: 801-359-3940

Date: August 4, 2010  
 Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 7040 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

# ON-SITE PREDRILL EVALUATION

## Utah Division of Oil, Gas and Mining

**Operator** NEWFIELD PRODUCTION COMPANY  
**Well Name** Schwab-Stollmack 5-19-4-1E  
**API Number** 43047511640000      **APD No** 2802      **Field/Unit** UNDESIGNATED  
**Location: 1/4,1/4** SWNW      **Sec** 19      **Tw** 4.0S      **Rng** 1.0E      1697 FNL 678 FWL  
**GPS Coord (UTM)** 590971 4441736      **Surface Owner** Henderson Ranches LLC

**Participants**

Floyd Bartlett (DOGM), Tim Eaton (Newfield Production Co.).

**Regional/Local Setting & Topography**

The proposed location is approximately 14.5 road miles southeast of Myton, UT in Pleasant Valley Wash drainage which drains into the Pariette Draw drainage of Uintah County. Both of these draws contain perennial streams somewhat consisting of irrigation runoff and seepage. Pariette Draw runs into the Green River approximately 6 miles downstream from Ouray, Utah and about 12 miles downstream from the location. Broad flats in Pleasant Valley frequently used for agriculture characterize the area. Flats are intersected by drainages with gentle to moderate side slopes. Access is by State and County and existing or planned oil field development roads. Approximately 570 feet of additional new construction across Henderson’s private land will be required to reach the location.

The proposed Schwab-Stollmack 5-19-4-1E oil well pad begins with the reserve pit on the south extending into two steep side hills which will be excavated to construct the pit. Topsoil from the pit is planned to be stockpiled to the south which will keep overland flow from entering the pit. When the pit is closed diversions need to be constructed adjacent to the location on the south to keep runoff from the side hill and reclaimed area from flowing onto the pad. Possibly one diversion running to the east will be adequate. Maximum cut is 6 feet at Pit Corner B and maximum fill is 5.7 feet at Corner2. Terrain becomes more gentle to the north. Pleasant Valley Wash is about 1/8 mile to the north. The selected location should be suitable and stable for constructing the pad, drilling and operating the proposed well with the diversions included above. The location is north of the normal drilling window to avoid as much of the steep terrain to the south as possible.

Henderson Ranches owns the surface of the location and surrounding area.

**Surface Use Plan**

**Current Surface Use**

Grazing  
 Wildlife Habitat

**New Road Miles**

**Well Pad**

**Src Const Material**

**Surface Formation**

0.1

**Width 204 Length 305**

Onsite

UNTA

**Ancillary Facilities** N

**Waste Management Plan Adequate?**

**Environmental Parameters**

**Affected Floodplains and/or Wetlands** N

**Flora / Fauna**

The site is somewhat barren. Vegetation includes mat saltbrush, rabbit brush, greasewood and spring annuaqls.

Cattle, deer, small mammals and birds.

**Soil Type and Characteristics**

Moderately deep sandy clay loam.

**Erosion Issues Y**

Topsoil from the pit is planned to be stockpiled to the south which will keep overland flow from entering the pit.

**Sedimentation Issues Y**

**Site Stability Issues N**

**Drainage Diverson Required? Y**

When the pit is closed diversions need to be constructed adjacent to the location on the south to keep runoff from the side hill and reclaimed area from flowing onto the pad. Possibly one diversion running to the east will be adequate.

**Berm Required? Y**

**Erosion Sedimentation Control Required? Y**

When the pit is closed diversions need to be constructed adjacent to the location on the south to keep runoff from the side hill and reclaimed area from flowing onto the pad.

**Paleo Survey Run? N    Paleo Potential Observed?    Cultural Survey Run? Y    Cultural Resources?**

**Reserve Pit**

| <b>Site-Specific Factors</b>             |                    | <b>Site Ranking</b> |                     |
|--|--------------------|---------------------|---------------------|
| <b>Distance to Groundwater (feet)</b>    | 25 to 75           | 15                  |                     |
| <b>Distance to Surface Water (feet)</b>  | 300 to 1000        | 2                   |                     |
| <b>Dist. Nearest Municipal Well (ft)</b> | >5280              | 0                   |                     |
| <b>Distance to Other Wells (feet)</b>    | 300 to 1320        | 10                  |                     |
| <b>Native Soil Type</b>                  | Mod permeability   | 10                  |                     |
| <b>Fluid Type</b>                        | Fresh Water        | 5                   |                     |
| <b>Drill Cuttings</b>                    | Normal Rock        | 0                   |                     |
| <b>Annual Precipitation (inches)</b>     |                    | 0                   |                     |
| <b>Affected Populations</b>              |                    |                     |                     |
| <b>Presence Nearby Utility Conduits</b>  | Not Present        | 0                   |                     |
|  | <b>Final Score</b> | 42                  | 1 Sensitivity Level |

**Characteristics / Requirements**

The reserve pit will be 40' x 70' x 8' deep located in an area of cut on the southeast side of the location. A pit liner is required. Newfield commonly uses a 16-mil liner.

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

**Other Observations / Comments**

Floyd Bartlett  
**Evaluator**

7/28/2010  
**Date / Time**

# Application for Permit to Drill

## Statement of Basis

8/23/2010

### Utah Division of Oil, Gas and Mining

Page 1

|                  |                                  |               |                          |                       |            |
|------------------|----------------------------------|---------------|--------------------------|-----------------------|------------|
| <b>APD No</b>    | <b>API WellNo</b>                | <b>Status</b> | <b>Well Type</b>         | <b>Surf Owner</b>     | <b>CBM</b> |
| 2802             | 43047511640000                   | LOCKED        | OW                       | P                     | No         |
| <b>Operator</b>  | NEWFIELD PRODUCTION COMPANY      |               | <b>Surface Owner-APD</b> | Henderson Ranches LLC |            |
| <b>Well Name</b> | Schwab-Stollmack 5-19-4-1E       |               | <b>Unit</b>              |                       |            |
| <b>Field</b>     | UNDESIGNATED                     |               | <b>Type of Work</b>      | DRILL                 |            |
| <b>Location</b>  | SWNW 19 4S 1E U 1697 FNL 678 FWL |               | GPS Coord (UTM)          | 590974E               | 4441734N   |

#### Geologic Statement of Basis

Newfield proposes to set 350' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 350'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 19. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. However, ground water in the Uinta Formation should be of sufficient quality and quantity for isolated domestic and agricultural use and should be protected. The proposed casing and cement should adequately protect ground water in this area.

Brad Hill  
APD Evaluator

8/5/2010  
Date / Time

#### Surface Statement of Basis

The proposed location is approximately 14.5 road miles southeast of Myton, UT in Pleasant Valley Wash drainage which drains into the Pariette Draw drainage of Uintah County. Both of these draws contain perennial streams somewhat consisting of irrigation runoff and seepage. Pariette Draw runs into the Green River approximately 6 miles downstream from Ouray, Utah and about 12 miles downstream from the location. Broad flats in Pleasant Valley frequently used for agriculture characterize the area. Flats are intersected by drainages with gentle to moderate side slopes. Access is by State and County and existing or planned oil field development roads. Approximately 570 feet of additional new construction across Henderson's private land will be required to reach the location.

The proposed Schwab-Stollmack 5-19-4-1E oil well pad begins with the reserve pit on the south extending into two steep side hills which will be excavated to construct the pit. Topsoil from the pit is planned to be stockpiled to the south which will keep overland flow from entering the pit. When the pit is closed diversions need to be constructed adjacent to the location on the south to keep runoff from the side hill and reclaimed area from flowing onto the pad. Possibly one diversion running to the east will be adequate. Maximum cut is 6 feet at Pit Corner B and maximum fill is 5.7 feet at Corner2. Terrain becomes more gentle to the north. Pleasant Valley Wash is about 1/8 mile to the north. The selected location should be suitable and stable for constructing the pad, drilling and operating the proposed well with the diversions included above. The location is north of the normal drilling window to avoid as much of the steep terrain to the south as possible.

Henderson Ranches owns the surface of the location and surrounding area. A surface use agreement has been signed. Both Wayne Henderson and his son Tommie were contacted by telephone. They had previously seen the location and had no concerns. They did not accompany us to the site. The minerals are also FEE but owned by another party and under lease to Newfield Production Company.

Floyd Bartlett  
Onsite Evaluator

7/28/2010  
Date / Time

---

# Application for Permit to Drill Statement of Basis

8/23/2010

Utah Division of Oil, Gas and Mining

Page 2

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## Conditions of Approval / Application for Permit to Drill

| <b>Category</b> | <b>Condition</b>  |
|-----------------|---|
| Pits            | A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit. |
| Surface         | The well site shall be bermed to prevent fluids from leaving the pad.   |
| Surface         | Drainages adjacent to the proposed pad shall be diverted around the location.   |
| Surface         | The reserve pit shall be fenced upon completion of drilling operations.   |

# WORKSHEET APPLICATION FOR PERMIT TO DRILL

**APD RECEIVED:** 7/13/2010

**API NO. ASSIGNED:** 43047511640000

**WELL NAME:** Schwab-Stollmack 5-19-4-1E

**OPERATOR:** NEWFIELD PRODUCTION COMPANY (N2695)

**PHONE NUMBER:** 435 646-4825

**CONTACT:** Mandie Crozier

**PROPOSED LOCATION:** SWNW 19 040S 010E

**Permit Tech Review:**

**SURFACE:** 1697 FNL 0678 FWL

**Engineering Review:**

**BOTTOM:** 1697 FNL 0678 FWL

**Geology Review:**

**COUNTY:** UINTAH

**LATITUDE:** 40.12290

**LONGITUDE:** -109.93236

**UTM SURF EASTINGS:** 590974.00

**NORTHINGS:** 4441734.00

**FIELD NAME:** UNDESIGNATED

**LEASE TYPE:** 4 - Fee

**LEASE NUMBER:** FEE

**PROPOSED PRODUCING FORMATION(S):** GREEN RIVER

**SURFACE OWNER:** 4 - Fee

**COALBED METHANE:** NO

## RECEIVED AND/OR REVIEWED:

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

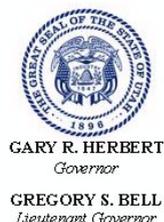
Commingle Approved

## LOCATION AND SITING:

- R649-2-3.
- Unit:
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: R649-3-3
- Effective Date:
- Siting:
- R649-3-11. Directional Drill

**Comments:** Presite Completed

**Stipulations:**  
1 - Exception Location - bhill  
5 - Statement of Basis - bhill  
23 - Spacing - dmason  
25 - Surface Casing - hmacdonald



# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

## Permit To Drill

\*\*\*\*\*

**Well Name:** Schwab-Stollmack 5-19-4-1E  
**API Well Number:** 43047511640000  
**Lease Number:** FEE  
**Surface Owner:** FEE (PRIVATE)  
**Approval Date:** 8/23/2010

**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 R649-3-3. 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

**Exception Location:**

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

**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:**

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

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

Surface casing shall be cemented to the surface.

**Additional Approvals:**

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

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

**Notification Requirements:**

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

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

**Contact Information:**

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

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

**Reporting Requirements:**

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

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

**Approved By:**



Acting Associate Director, Oil & Gas

Spud  
BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig  
Name/# Ross Rig # 21 Submitted By Alvin  
Nielsen Phone Number 435-823-  
7468

Well Name/Number Schwab-Stollmack 5-19-4-  
1E

Qtr/Qtr SW/NW Section 19 Township 4S Range  
1E

Lease Serial Number

FEE

API Number 43-475-

11640000 43-047-51164

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

Date/Time \_\_\_\_\_ AM  PM

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

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time 9/2/10 2:00 AM  PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point

- 30 day BOPE test
- Other

Date/Time \_\_\_\_\_ AM  PM

Remarks Ross Rig # 21 spud the Schwab-Stollmack @ 8:00 AM  
on 9/2/10 & Run 85/8" casing @ 2:00 PM on 9/2/10.

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

**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.

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: COUNTY: UINTAH  
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNW, 19, T4S, R1E STATE: UT

8. WELL NAME and NUMBER:  
SCHWABSTOLLMACK 5-19-4-1E

9. API NUMBER:  
4304751164

10. FIELD AND POOL, OR WILDCAT:  
MYTON-TRIBAL EDA

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

| TYPE OF SUBMISSION   | TYPE OF ACTION  |   |  |
|--|---|---|--|
| <input type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br>Approximate date work will                 | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION   |
|  | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL        |
|  | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARITLY ABANDON            |
|  | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR                   |
|  | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLAIR                   |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br>Date of Work Completion: | <input type="checkbox"/> CHANGE WELL NAME               | <input type="checkbox"/> PLUG BACK                        | <input type="checkbox"/> WATER DISPOSAL                  |
| 09/05/2010   | <input type="checkbox"/> CHANGE WELL STATUS             | <input type="checkbox"/> PRODUCTION (START/STOP)          | <input type="checkbox"/> WATER SHUT-OFF                  |
|  | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE         | <input checked="" type="checkbox"/> OTHER: - Spud Notice |
|  | <input type="checkbox"/> CONVERT WELL TYPE              | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION |  |

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

On 9-3-10 MIRU ROSS spud rig #21. Drill 390' of 12 1/4" hole with air mist. TIH W/9 Jt's 8 5/8" J-55 24# csgn. Set @ 393.67. On 9-4-10 Cement with 170 sks of Class "G" w/ 2% CaCL+ 1/4# Cello Flake. Mixed @ 15.8 ppg > 1.17 cf/sk yeild. Returned 2.5 bbls cement to pit.

NAME (PLEASE PRINT) Xabier Lasa TITLE Drilling Foreman

SIGNATURE *Xabier Lasa* DATE 09/05/2010

(This space for State use only)

**RECEIVED**  
**SEP 13 2010**  
DIV. OF OIL, GAS & MINING





STATE OF UTAH  
 DIVISION OF OIL, GAS AND MINING  
 ENTITY ACTION FORM -FORM 6

OPERATOR: **NEWFIELD PRODUCTION COMPANY**  
 ADDRESS: **RT. 3 BOX 3630**  
**MYTON, UT 84052**

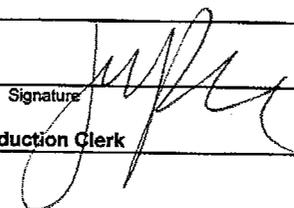
OPERATOR ACCT. NO. **N2695**

| ACTION CODE              | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME                               | WELL LOCATION |    |    |     |          | SPUD DATE | EFFECTIVE DATE |
|--------------------------|--------------------|----------------|------------|---|---------------|----|----|-----|----------|-----------|----------------|
|                          |                    |                |            |   | QQ            | SC | TP | RG  | COUNTY   |           |                |
| A                        | 99999              | 17779          | 4304751164 | SCHWAB-STOLLMACK<br>5-19-4-1E           | SWNW          | 19 | 4S | 1E  | UINTAH   | 9/2/2010  | 9/21/10        |
| WELL 1 COMMENTS:<br>GRRV |                    |                |            |   |               |    |    |     |          |           |                |
| B                        | 99999              | 17400 ✓        | 4301350043 | GREATER MONUMENT<br>BUTTE FED 8-25-8-15 | SENE          | 25 | 8S | 15E | DUCHESNE | 9/2/2010  | 9/21/10        |
| GRRV                     |                    |                |            |   |               |    |    |     |          |           |                |
| B                        | 99999              | 17400 ✓        | 4301334191 | FEDERAL 2-30-8-16                       | NWNE          | 30 | 8S | 16E | DUCHESNE | 9/3/2010  | 9/21/10        |
| GRRV                     |                    |                |            |   |               |    |    |     |          |           |                |
|                          |                    |                |            |   |               |    |    |     |          |           |                |
|                          |                    |                |            |   |               |    |    |     |          |           |                |
| WELL 5 COMMENTS:         |                    |                |            |   |               |    |    |     |          |           |                |
|                          |                    |                |            |   |               |    |    |     |          |           |                |
| WELL 5 COMMENTS:         |                    |                |            |   |               |    |    |     |          |           |                |

ACTION CODES (See instructions on back of form)  
 A - new entity for new well (single well only)  
 B - well to existing entity (group or unit well)  
 C - from one existing entity to another existing entity  
 D - well from one existing entity to a new entity  
 E - thor (explain in comments section)

**RECEIVED**  
**SEP 08 2010**

**DIV. OF OIL, GAS & MINING**

Signature   
 Production Clerk  
 Date **09/08/10**  
 Jentri Park

NOTE: Use COMMENT section to explain why each Action Code was selected.

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
 FEE

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
 SCHWABSTOLLMACK 5-19-4-1E

2. NAME OF OPERATOR:  
 NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
 4304751164

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:  
 MYTON-TRIBAL EDA

4. LOCATION OF WELL:  
 FOOTAGES AT SURFACE: COUNTY: UINTAH  
 OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW, 19, T4S, R1E STATE: UT

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

| TYPE OF SUBMISSION   | TYPE OF ACTION  |   |   |
|--|---|---|---|
| <input type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br><br>Approximate date work will<br>_____                      | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION            |
|  | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL                 |
|  | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARILY ABANDON                      |
|  | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR                            |
|  | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLAIR                            |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br><br>Date of Work Completion:<br>10/07/2010 | <input type="checkbox"/> CHANGE WELL NAME               | <input type="checkbox"/> PLUG BACK                        | <input type="checkbox"/> WATER DISPOSAL                           |
|  | <input type="checkbox"/> CHANGE WELL STATUS             | <input type="checkbox"/> PRODUCTION (START/STOP)          | <input type="checkbox"/> WATER SHUT-OFF                           |
|  | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE         | <input checked="" type="checkbox"/> OTHER: - Weekly Status Report |
|  | <input type="checkbox"/> CONVERT WELL TYPE              | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION |   |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 The above subject well was completed on 10/07/2010, attached is a daily completion status report.

NAME (PLEASE PRINT) Monica Bradley TITLE Office Services Assistant

SIGNATURE Monica Bradley DATE 10/11/2010

(This space for State use only)

**RECEIVED**  
**OCT 14 2010**  
 DIV. OF OIL, GAS & MINING

# Daily Activity Report

Format For Sundry

**SCHWABSTOLLMACK 5-19-4-1E**

**8/1/2010 To 12/30/2010**

**9/27/2010 Day: 1**

**Completion**

Rigless on 9/27/2010 - Run CBL & perforate stg #1 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ ' & cement top @ '. Perforate stage #1, CP4 sds @ (6471'-78') w/ 3 1/8" Port plug guns ( 11 gram .36" EH 16.82" pen) w/ 3 spf for total of 21 shots. CP3 sds @ (6410'-13') w/ 3 1/8" Port plug guns ( 11 gram .36" EH 16.82" pen) w/ 3 spf for total of 9 shots. RD H/O truck & The Perforators WLT & mast. Wait on frac crew

**Daily Cost:** \$0

**Cumulative Cost:** \$12,764

---

**10/1/2010 Day: 2**

**Completion**

Rigless on 10/1/2010 - Frac, perforate & flowback well. - Perforate & frac well as detailed. 2142 BWTR. Open for immediate flowback @ approx 3 BPM. Recovered 1125 BWTR. MIRUSU. SWIFN.

**Daily Cost:** \$0

**Cumulative Cost:** \$93,006

---

**10/5/2010 Day: 3**

**Completion**

Nabors #147 on 10/5/2010 - PU tbg & drill out first 3 plugs. - Check pressure on well, 280 psi. Bleed pressure off well. ND frac BOPs & wellhead. NU production wellhead & BOPs. RU rig floor. Talley & PU 4 3/4" chomp bit, bit sub & 2 7/8" 8rd 6.5# EUE tbg. Tag plug & drill out in 14 min. Continue PU tbg & tag plug, drill out in 25 min. Continue PU tbg & tag plug, drill out in 35 min. Continue PU tbg & tag fill, clean out 45' of sand to plug. TOOH w/ 2- jts tbg. SWIFN. 1017 BWTR.

**Daily Cost:** \$0

**Cumulative Cost:** \$150,579

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**10/6/2010 Day: 4**

**Completion**

Nabors #147 on 10/6/2010 - Clean out to PBDT & swab for clean out. - Check pressure on well, 160 psi tbg & csg. TIH & tag fill @ 6330'. Clean out to plug @ 6380'. Drill out plug in 15 min. Continue PU tbg & tag fill @ 6880'. Clean out to PBDT @ 6986'. Circulate well clean. RD drill equipment. LD 4- jts tbg. RU swab equipment. Made 24 swab runs w/ SFL @ surface & EFL @ 2400'. Recovered 190 bbls w/ good show of oil & gas. RD sandline. PU 4- jts tbg & tag PBDT @ 6986' (no new fill). Circulate well clean. TOOH w/ 20- jts tbg. SWIFN. 1017 BWTR.

**Daily Cost:** \$0

**Cumulative Cost:** \$156,550

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**10/7/2010 Day: 5**

**Completion**

Nabors #147 on 10/7/2010 - Round trip tbg & PU rods - Check pressure on well, 0 psi. TOOH w/ tbg & LD BHA. TIH w/ production tbg as detailed. RD rig floor. ND BOPs. Set TA @ 6436'

w/ 18,000#s tension. NU wellhead. PU rod pump. Pump would not stroke all the way. Wait for new pump. PU & prime Central Hydraulic 2 1/2" X 1 1/2" X 24' RHAC rod pump. PU rods as detailed. Shut down for 30 minutes waiting for lightning storm to pass during PU rods. Stroke test pump w/ rig to 800 psi. SWIFN. 1017 BWTR. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$180,670

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**Pertinent Files: Go to File List**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
FEE

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Resrv.,  
Other: \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
NEWFIELD EXPLORATION COMPANY

8. Lease Name and Well No.  
SCHWABSTOLLMACK 5-19-4-1E

3. Address 1401 17TH ST. SUITE 1000 DENVER, CO 80202  
3a. Phone No. (include area code)  
(435)646-3721

9. AFI Well No.  
43-047-51164

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

10. Field and Pool or Exploratory  
MYTON-TRIBAL EDA

At surface 1697' FNL & 678' FWL (SW/NW) SEC.19, T4S, R1E

11. Sec., T., R., M., on Block and  
Survey or Area  
SEC 19., T4S, R1E

At top prod. interval reported below

12. County or Parish 13. State

At total depth 7020

UINTAH UT

14. Date Spudded 09/03/2010  
15. Date T.D. Reached 09/17/2010  
16. Date Completed 10/07/2010  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
4952' GL 4964' KB

18. Total Depth: MD 7020'  
TVD  
19. Plug Back T.D.: MD 6986'  
TVD

20. Depth Bridge Plug Set: MD  
TVD

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

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

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

| Hole Size | Size/Grade  | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cement Depth | No. of Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|-------------|-------------|----------|-------------|--------------------|------------------------------|-------------------|-------------|---------------|
| 12-1/4"   | 8-5/8" J-55 | 24#         | 0        | 393.67'     |                    | 170 CLASS G                  |                   |             |               |
| 7-7/8"    | 5-1/2" J-55 | 15.5#       | 0        | 7010.80'    |                    | 315 PRIMLITE                 |                   | 60'         |               |
|           |             |             |          |             |                    | 420 50/50 POZ                |                   |             |               |

24. Tubing Record

| Size   | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|--------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2-7/8" | EOT@6535'      | TA @6436'         |      |                |                   |      |                |                   |

25. Producing Intervals

| Formation      | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|----------------|-----|--------|---------------------|------|-----------|--------------|
| A. Green River |     |        | 6410-6478 CP4 & CP3 | .36" | 3         | 30           |
| B. Green River |     |        | 6301-6348 CP1 & CP2 | .36" | 3         | 36           |
| C. Green River |     |        | 5670-5680 C         | .36" | 3         | 30           |
| D. Green River |     |        | 5508-5544 D2        | .36" | 3         | 27           |

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

| Depth Interval      | Amount and Type of Material                                     |
|---------------------|---|
| 6410-6478 CP4 & CP3 | Frac w/ 34791#s of 20/40 sand in 242 bbls of Lightning 17 fluid |
| 6301-6348 CP1 & CP2 | Frac w/ 29927#s of 20/40 sand in 191 bbls of Lightning 17 fluid |
| 5670-5680 C         | Frac w/ 39942#s of 20/40 sand in 268 bbls of Lightning 17 fluid |
| 5508-5544 D2        | Frac w/ 36197#s of 20/40 sand in 240 bbls of Lightning 17 fluid |

28. Production - Interval A

| Date First Produced | Test Date            | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method               |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|---------------------------------|
| 10/7/10             | 10/18/10             | 24           | →               | 86.61   | 0.00    | 25.14     |                       |             | 2-1/2" x 1-1/2" x 24' RHAC Pump |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                                 |
| 2-7/8"              |                      |              | →               |         |         |           |                       | PRODUCING   |                                 |

28a. Production - Interval B

| Date First Produced | Test Date            | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
|                     |                      |              | →               |         |         |           |                       |             |                   |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                   |
|                     |                      |              | →               |         |         |           |                       |             |                   |

RECEIVED  
OCT 25 2010

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

28b. Production - Interval C

|                     |                      |              |                      |         |         |           |                       |             |                   |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Date First Produced | Test Date            | Hours Tested | Test Production<br>➔ | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate<br>➔     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                   |

28c. Production - Interval D

|                     |                      |              |                      |         |         |           |                       |             |                   |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Date First Produced | Test Date            | Hours Tested | Test Production<br>➔ | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate<br>➔     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                   |

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

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

GEOLOGICAL MARKERS

| Formation | Top | Bottom | Descriptions, Contents, etc. | Name                                  | Top          |
|-----------|-----|--------|------------------------------|---------------------------------------|--------------|
|           |     |        |                              |                                       | Meas. Depth  |
|           |     |        |                              | GARDEN GULCH MRK<br>GARDEN GULCH 1    | 4424<br>4609 |
|           |     |        |                              | GARDEN GULCH 2<br>POINT 3             | 4730<br>5037 |
|           |     |        |                              | X MRKR<br>Y MRKR                      | 5247<br>5285 |
|           |     |        |                              | DOUGALS CREEK MRK<br>BI CARBONATE MRK | 5424<br>5767 |
|           |     |        |                              | B LIMESTON MRK<br>CASTLE PEAK         | 5872<br>6235 |
|           |     |        |                              | BASAL CARBONATE<br>WASATCH            | 6616<br>6739 |

32. Additional remarks (include plugging procedure):

Stage 5: Green River Formation (GB4 & GB2) 4897-4952", .36" 3/24 Frac w/ 37541#s of 20/40 sand in 241 bbls of Lightning 17 fluid

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

- Electrical/Mechanical Logs (1 full set req'd.)     
  Geologic Report     
  DST Report     
  Directional Survey  
 Sundry Notice for plugging and cement verification     
  Core Analysis     
 Other: Drilling Daily Activity

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

Name (please print) Monica Bradley Title Office Services Assistant  
 Signature Monica Bradley Date 10/19/2010

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.

**Daily Activity Report**

Format For Sundry

**SCHWABSTOLLMACK 5-19-4-1E**

6/1/2010 To 10/30/2010

**SCHWABSTOLLMACK 5-19-4-1E****Waiting on Cement****Date:** 9/1/2010

Ross #21 at 394. Days Since Spud - returned 2.5 bbls cement to pit. Bump plug to 400 psi, BLM and State were notified via email - set @ 393.67', On 9-4-10 cement w/ BJ w/ 170 sks of class G+.25# CF mixed @ 15.8ppg and 1.17 yield - On 9-3-10 Ross # 21 spud and drilled 390' of 12 1/4" hole, On 9-4-10 P/U and run 9 jts of 8 5/8" csg

**Daily Cost:** \$0**Cumulative Cost:** \$43,922**SCHWABSTOLLMACK 5-19-4-1E****Drill 7 7/8" hole with fresh water****Date:** 9/13/2010

NDSI #1 at 1511. 1 Days Since Spud - Drill 7 7/8" hole F/ 330' to 1511' w/ 15K WOB,TRPM-160,GPM-360,Avg.ROP-112 ft/hr - No H2S or flow reported in last 24 hours - to 2000#/10min and surface casing to 1500#/30 minutes. Rig down B&C - have meeting w/ B&C Quicktest, Rig up B&C , test,kelly,Safety valve, pipe&Blind rams, choke manifold - Move rig w/ RWJones - P/U Bit,M.M,NMDC, orient tool, and 8 drill collars, and tag @ 330'

**Daily Cost:** \$0**Cumulative Cost:** \$65,492**SCHWABSTOLLMACK 5-19-4-1E****Drill 7 7/8" hole with fresh water****Date:** 9/14/2010

NDSI #1 at 3580. 2 Days Since Spud - NO H2S or flow reported in last 24 hours - Drill 7 7/8" hole F/ 2608' to 3580' w/ 15K WOB,TRPM-155,GPM-350,Avg ROP-69 ft/hr - Rig Service, check crownomatic and BOP - Drill 7 7/8" hole F/ 1511' to 2608' w/ 15K WOB,TRPM-158,GPM-350,Avg ROP-115 ft/hr

**Daily Cost:** \$0**Cumulative Cost:** \$104,217**SCHWABSTOLLMACK 5-19-4-1E****Drill 7 7/8" hole with fresh water****Date:** 9/15/2010

NDSI #1 at 5242. 3 Days Since Spud - Drill 7 7/8" hole F/ 4458' to 5242' w/ 18K WOB,TRPM-155,GPM-340,Avg ROP-58 ft/hr - Rig Service, Safety Stand down, function test BOP and Crownomatic - Drill 7 7/8" hole F/ 3580' to 4458' w/18K WOB,TRPM-155,GPM-340,Avg ROP-98 ft/hr - No H2S or flow reported in last 24 hours

**Daily Cost:** \$0**Cumulative Cost:** \$157,868**SCHWABSTOLLMACK 5-19-4-1E****Circulate & Condition Hole****Date:** 9/16/2010

NDSI #1 at 7020. 4 Days Since Spud - Drill 7 7/8" hole F/ 5242' to 6276' w/ 18K WOB,TRPM-150,GPM-345,Avg ROP-90 ft/hr - Drill 7 7/8" hole F/ 6276' to 6368' w/ 18K WOB,TRPM-150,GPM-345,Avg ROP-184 ft/hr - Fix Broken pony rod on pump ( bullwheel side) - Drill 7 7/8" hole F/ 6276' to 7020' w/ 18K WOB,TRPM-155,GPM-345,Avg ROP-83 ft/hr - Circulate for laydown to log, check flow= NO Flow - No H2S or flow reported in last 24 hours - Rig Service , check crownomatic and BOP, Adjust Brakes

**Daily Cost:** \$0

**Cumulative Cost:** \$178,463

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**SCHWABSTOLLMACK 5-19-4-1E**

**Wait on Completion**

**Date:** 9/17/2010

NDSI #1 at 7020. 5 Days Since Spud - Safety Meeting w/ PSI Loggers TD-7030 to surface (Density,porosity,Neutron) - Safety Meeting w/ B&C Quicktest and test 5.5" csg. Rams to 2000#/10 minutes - safety meeting w/ QT Casing, rig up and run 168 jts of 5.5",15.5#,J-55 LTC casing Set @ 7010.8, top - of float@ 6985.98' , top of short jt.@ 4595.94', rig down. - Circulate casing, hold safety meeting w/ BJ and rig up - Lay down drill pipe and BHA,directional tools - 420sks of tail@14.4ppg and 1.24 yield(50:50:2+3% KCL+.25#CF+.05#SF+.5%EC-1) displaced w/ 160 bbls of - fresh, returned 5 bbls cement to pit,bump plug to 2230 psi, BLM and State were notified via email - Nipple down and set Slips w/ 90,000# tension - Clean mud tanks - Release Rig @ 04:30 AM on 9-17-10 - Cement w/ 315 sks of lead @ 11ppg and 3.53 yield (PL II+3%KCL+.05#SF+.5#CF2#Kol seal) followed by **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$337,659

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**Pertinent Files: Go to File List**