

# NEWFIELD



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

February 27, 2009

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: Applications for Permit to Drill

|                 |                  |
|-----------------|------------------|
| State 1-36-8-15 | State 9-36-8-15  |
| State 2-36-8-15 | State 10-36-8-15 |
| State 3-36-8-15 | State 11-36-8-15 |
| State 4-36-8-15 | State 12-36-8-15 |
| State 5-36-8-15 | State 13-36-8-15 |
| State 6-36-8-15 | State 14-36-8-15 |
| State 8-36-8-15 | State 15-36-8-15 |

Dear Diana:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give me a call.

Sincerely,

Mandie Crozier  
Regulatory Specialist

mc  
enclosures

RECEIVED

MAR 09 2009

DIV. OF OIL, GAS & MINING

**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>ML-21835</b>                                   | 6. SURFACE:<br>State                                     |
| 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><b>Newfield Production Company</b>   |  | 9. WELL NAME and NUMBER:<br>State 15-36-8-15                              |  |
| 3. ADDRESS OF OPERATOR:<br><b>Route #3 Box 3630</b> CITY <b>Myton</b> STATE <b>UT</b> ZIP <b>84052</b>   |  | PHONE NUMBER:<br><b>(435) 646-3721</b>                                    | 10. FIELD AND POOL, OR WILDCAT:<br><b>Monument Butte</b> |
| 4. LOCATION OF WELL (FOOTAGES)<br>AT SURFACE:    SW/SE    590' FSL 1796' FEL <b>570203X    40.068869</b><br>AT PROPOSED PRODUCING ZONE: <b>443551e4    110.176764</b>                          |  | 11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:<br><b>SWSE 36 8S 15E</b> |  |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE:<br><b>Approximately 12.6 miles southwest of Myton, Utah</b>  |  | 12. COUNTY:<br><b>Duchesne</b>  | 13. STATE:<br><b>UTAH</b>                                |
| 15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)<br><b>Approx. 590' f/lse line, NA' f/unit line</b>   | 16. NUMBER OF ACRES IN LEASE:<br><b>640.00 acres</b>         | 17. NUMBER OF ACRES ASSIGNED TO THIS WELL:<br><b>40 acres</b>             |  |
| 18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)<br><b>Approx. 1300'</b>  | 19. PROPOSED DEPTH:<br><b>6,340</b>                          | 20. BOND DESCRIPTION:<br><b>#B001834</b>                                  |  |
| 21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):<br><b>5857' GL</b>   | 22. APPROXIMATE DATE WORK WILL START:<br><b>3rd Qtr 2009</b> | 23. ESTIMATED DURATION:<br><b>(7) days from SPUD to rig release</b>       |  |

**24. 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 | 300           | Class G w/2% CaCl                               | 155 sx +/- | 1.17 | 15.8 |
| 7 7/8        | 5 1/2                                   | J-55 | 15.5 | 6,340         | Lead(Prem Lite II)                              | 275 sx +/- | 3.26 | 11.0 |
|              |   |      |      |               | Tail (50/50 Poz)                                | 450 sx +/- | 1.24 | 14.3 |
|              |   |      |      |               |   |            |      |      |
|              |   |      |      |               |   |            |      |      |
|              |   |      |      |               |   |            |      |      |
|              |   |      |      |               |   |            |      |      |

25. **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 2/27/09

(This space for State use only)

API NUMBER ASSIGNED: 43013-34221    APPROVAL: \_\_\_\_\_

**RECEIVED**  
**MAR 09 2009**  
**DIV. OF OIL, GAS & MINING**

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 03/09/2009

|                                |
|--------------------------------|
| API NO. ASSIGNED: 43-013-34221 |
|--------------------------------|

WELL NAME: STATE 15-36-8-15  
 OPERATOR: NEWFIELD PRODUCTION ( N2695 )  
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:  
 SWSE 36 080S 150E  
 SURFACE: 0590 FSL 1796 FEL  
 BOTTOM: 0590 FSL 1796 FEL  
 COUNTY: DUCHESNE  
 LATITUDE: 40.06887 LONGITUDE: -110.17676  
 UTM SURF EASTINGS: 570203 NORTHINGS: 4435516  
 FIELD NAME: MONUMENT BUTTE ( 105 )

| INSPECT LOCATN BY: / / |          |         |
|------------------------|----------|---------|
| Tech Review            | Initials | Date    |
| Engineering            | DKC      | 4/23/09 |
| Geology                |          |         |
| Surface                |          |         |

LEASE TYPE: 3 - State  
 LEASE NUMBER: ML-21835  
 SURFACE OWNER: 3 - State

PROPOSED FORMATION: GRRV  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

Plat  
 Bond: Fed[] Ind[] Sta[] Fee[]  
 (No. 6001834 )  
 Potash (Y/N)  
 Oil Shale 190-5 (B) or 190-3 or 190-13  
 Water Permit  
 (No. 43-7478 )  
 RDCC Review (Y/N)  
 (Date: \_\_\_\_\_ )  
 Fee Surf Agreement (Y/N)  
 Intent to Commingle (Y/N)

LOCATION AND SITING:

\_\_\_\_\_ R649-2-3.  
 Unit: \_\_\_\_\_  
 R649-3-2. General  
 Siting: 460 From Qtr/Qtr & 920' Between Wells  
 \_\_\_\_\_ R649-3-3. Exception  
 \_\_\_\_\_ Drilling Unit  
 Board Cause No: \_\_\_\_\_  
 Eff Date: \_\_\_\_\_  
 Siting: \_\_\_\_\_  
 \_\_\_\_\_ R649-3-11. Directional Drill

COMMENTS: Needs Permit (03-09-09)

STIPULATIONS: 1- Spacing Strip  
2- STATEMENT OF BASIS  
3- Surface Csg Cont Strip

API Number: 4301334221

Well Name: STATE 15-36-8-15

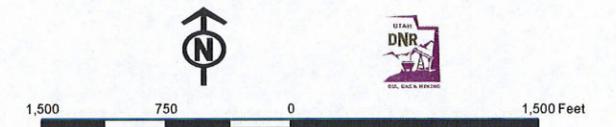
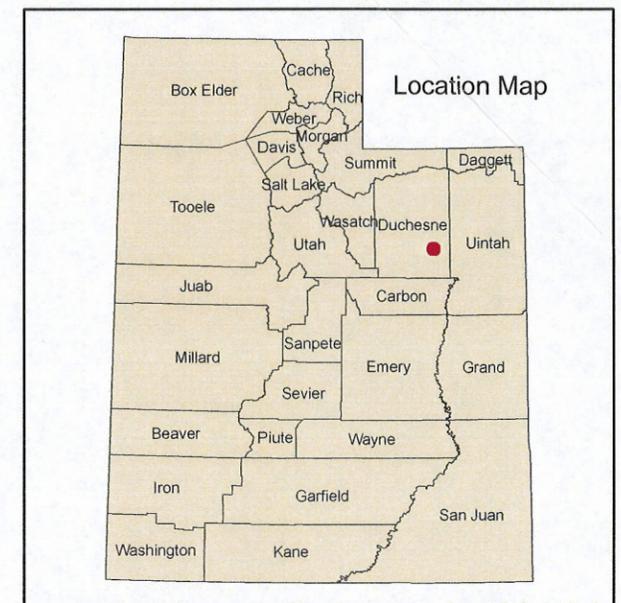
Township 08.0 S Range 15.0 E Section 36

Meridian: SLBM

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:  
Map Produced by Diana Mason

|               |                           |
|---------------|---------------------------|
| <b>Units</b>  | <b>Wells Query Events</b> |
| STATUS        | ✕ <all other values>      |
| ACTIVE        | GIS_STAT_TYPE             |
| EXPLORATORY   | <Null>                    |
| GAS STORAGE   | APD                       |
| NF PP OIL     | DRL                       |
| NF SECONDARY  | GI                        |
| PI OIL        | GS                        |
| PP GAS        | LA                        |
| PP GEOTHERM   | NEW                       |
| PP OIL        | OPS                       |
| SECONDARY     | PA                        |
| TERMINATED    | PGW                       |
| <b>Fields</b> | POW                       |
| STATUS        | RET                       |
| ACTIVE        | SGW                       |
| COMBINED      | SOW                       |
| Sections      | TA                        |
| Township      | TW                        |
|               | WD                        |
|               | WI                        |
|               | WS                        |



1:13,261



# Application for Permit to Drill

## Statement of Basis

3/12/2009

Utah Division of Oil, Gas and Mining

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|                  |  |                     |                          |                  |            |
|------------------|--|---------------------|--------------------------|------------------|------------|
| <b>APD No</b>    | <b>API WellNo</b>  | <b>Status</b>       | <b>Well Type</b>         | <b>Surf Ownr</b> | <b>CBM</b> |
| 1304             | 43-013-34221-00-00   |                     | OW                       | S                | No         |
| <b>Operator</b>  | NEWFIELD PRODUCTION COMPANY  |                     | <b>Surface Owner-APD</b> |                  |            |
| <b>Well Name</b> | STATE 15-36-8-15   | <b>Unit</b>         |                          |                  |            |
| <b>Field</b>     | MONUMENT BUTTE   | <b>Type of Work</b> |                          |                  |            |
| <b>Location</b>  | SWSE 36 8S 15E S 590 FSL 1796 FEL GPS Coord (UTM) 570203E 4435516N |                     |                          |                  |            |

### Geologic Statement of Basis

Newfield proposes to set 300' of surface casing at this location. The base of the moderately saline water at this location is estimated to be at a depth of 550'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of section 36. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The surface casing should be extended to cover the base of the moderately saline ground water.

Brad Hill

3/12/2009

APD Evaluator

Date / Time

### Surface Statement of Basis

The general location is approximately 12 road miles southwest of Myton, UT in the upper portion of the Pleasant Valley Drainage. Wells Draw is approximately 2 miles to the east and the Ute Tribal Indian Reservation 1 mile to the west. Broad flats with rolling hills characterize the area. Flats are often intersected by drainages with gentle to moderate side slopes. Flats at lower elevations to the northeast are frequently used for agriculture. No seeps, springs or streams are known to exist in the immediate area. An occasional pond for livestock watering occurs. Pleasant Valley Wash drains into the Pariette Draw drainage of Duchesne County. The lower reaches of 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 18 miles down drainage from the area. Access is by State and County and existing or proposed oilfield development roads to within 80 feet of the site. From this point additional construction will be required.

The proposed State 15-36-8-15 oil well location is adjacent to the existing main access road which cuts through the section. It is on gentle, slightly rolling terrain, which has a slight slope to the northeast toward a main draw of Pleasant Valley Wash. A small rise occurs in the southwest side where the reserve pit will be located. No drainages intersect the location and no diversions will be required. The proposed site appears to be a suitable location for constructing a pad and drilling and operating a well.

Both the surface and minerals are owned by SITLA. Ed Bonner and Jim Davis of SITLA were invited to the pre-site evaluation. Neither attended.

Pat Rainbolt and Ben Williams represented the Utah Division of Wildlife Resources. Mr. Rainbolt stated the area was classified as substantial value antelope habitat but did not recommend any restrictions for this species. A historic Ferruginous hawk nest is located on the ledges on the east side of the wash within view of this location. Its current status is not known. Mr. Rainbolt recommended to Mr. Eaton a restriction period of March 1 to July 15th for this nest. They also discussed the possibility of constructing nest sites elevated on poles in this general area. Mr. Eaton stated that Newfield might be acceptable to do this. No other wildlife should be significantly affected. Mr. Rainbolt gave Mr. Eaton of Newfield Production Company a copy of his written evaluation and also a UDWR seed mix recommendation to be used when the reserve pit and location are reclaimed.

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# Application for Permit to Drill

## Statement of Basis

3/12/2009

Utah Division of Oil, Gas and Mining

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Floyd Bartlett  
Onsite Evaluator

3/4/2009  
Date / Time

### 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 reserve pit shall be fenced upon completion of drilling operations.   |

# ON-SITE PREDRILL EVALUATION

## Utah Division of Oil, Gas and Mining

**Operator** NEWFIELD PRODUCTION COMPANY  
**Well Name** STATE 15-36-8-15  
**API Number** 43-013-34221-0      **APD No** 1304      **Field/Unit** MONUMENT BUTTE  
**Location:** 1/4,1/4 SWSE      **Sec** 36      **Tw** 8S      **Rng** 15E      590 FSL 1796 FEL  
**GPS Coord (UTM)** 570205      4435515      **Surface Owner**

### Participants

Floyd Bartlett (DOGM), Tim Eaton and Brian Foote (Newfield Production Company), Ben Williams and Pat Rainbolt (Utah Division of Wildlife Resources).

### Regional/Local Setting & Topography

The general location is approximately 12 road miles southwest of Myton, UT in the upper portion of the Pleasant Valley Drainage. Wells Draw is approximately 2 miles to the east and the Ute Tribal Indian Reservation 1 mile to the west. Broad flats with rolling hills characterize the area. Flats are often intersected by drainages with gentle to moderate side slopes. Flats at lower elevations to the northeast are frequently used for agriculture. No seeps, springs or streams are known to exist in the immediate area. An occasional pond for livestock watering occurs. Pleasant Valley Wash drains into the Pariette Draw drainage of Duchesne County. The lower reaches of 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 18 miles down drainage from the area. Access is by State and County and existing or proposed oilfield development roads to within 80 feet of the site. From this point additional construction will be required.

The proposed State 15-36-8-15 oil well location is adjacent to the existing main access road which cuts through the section. It is on gentle, slightly rolling terrain, which has a slight slope to the northeast toward a main draw of Pleasant Valley Wash. A small rise occurs in the southwest side where the reserve pit will be located. No drainages intersect the location and no diversions will be required. The proposed site appears to be a suitable location for constructing a pad and drilling and operating a well.

Both the surface and minerals are owned by SITLA. Ed Bonner and Jim Davis of SITLA were invited to the pre-site evaluation. Neither attended.

### Surface Use Plan

#### **Current Surface Use**

Grazing  
Recreational  
Wildlife Habitat

#### **New Road**

| Miles | Well Pad  | Src Const Material | Surface Formation |
|-------|-----------|--------------------|-------------------|
| 0.02  | Width 199 | Length 300         | Onsite            |
|       |           |                    | UNTA              |

**Ancillary Facilities** N

### Waste Management Plan Adequate?

### Environmental Parameters

**Affected Floodplains and/or Wetland** N

#### **Flora / Fauna**

A desert shrub type consisting of shadscale, broom snakeweed, needle and thread grass, rabbitbrush, prickly pear, curly mesquite grass and spring annuals occupies the area.

Cattle, prairie dogs, antelope, small mammals and birds.

**Soil Type and Characteristics**

Deep gravely sandy loam.

**Erosion Issues** N

**Sedimentation Issues** N

**Site Stability Issues** N

**Drainage Diversion Required** N

**Berm Required?** N

**Erosion Sedimentation Control Required?** N

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

**Reserve Pit**

**Site-Specific Factors**

**Site Ranking**

|  |                  |    |
|--|------------------|----|
| <b>Distance to Groundwater (feet)</b>    | 100 to 200       | 5  |
| <b>Distance to Surface Water (feet)</b>  | >1000            | 0  |
| <b>Dist. Nearest Municipal Well (ft)</b> | >5280            | 0  |
| <b>Distance to Other Wells (feet)</b>    | >1320            | 0  |
| <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>     | <10              | 0  |
| <b>Affected Populations</b>              | <10              | 0  |
| <b>Presence Nearby Utility Conduits</b>  | Not Present      | 0  |

**Final Score** 20 1 **Sensitivity Level**

**Characteristics / Requirements**

A 50' x 70' x 8' deep reserve pit is planned in an area of cut on the southeast side of the location. A pit liner is required. Newfield commonly uses a 16-mil liner.

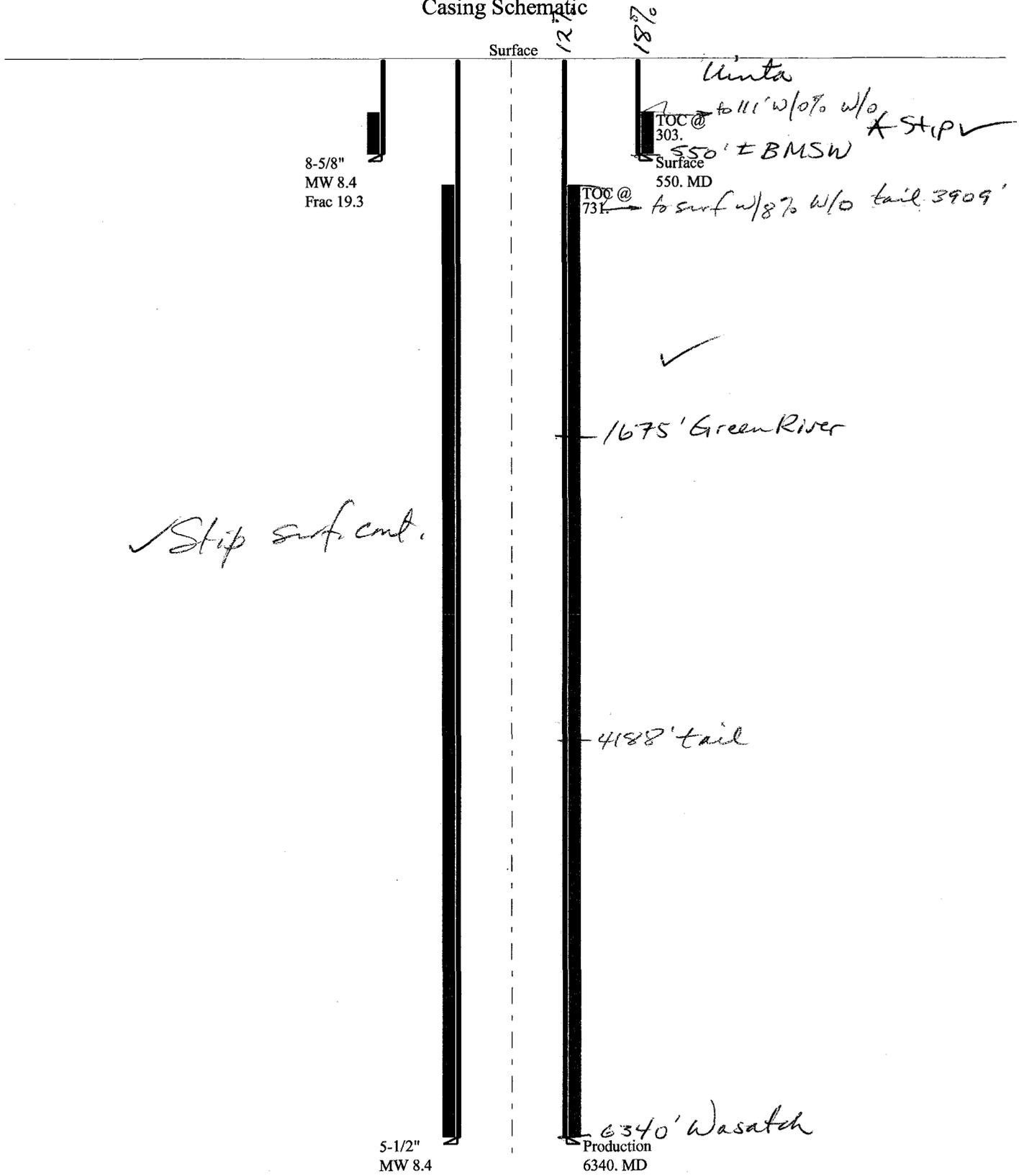
**Closed Loop Mud Required?** N    **Liner Required?** Y    **Liner Thickness** 16    **Pit Underlayment Required?** Y

**Other Observations / Comments**

Floyd Bartlett  
Evaluator

3/4/2009  
Date / Time

Casing Schematic



|              |  |                   |
|--------------|--|-------------------|
| Well name:   | <b>43013342210000 State 15-36-8-15</b> |                   |
| Operator:    | <b>Newfield Production Company</b>     | Project ID:       |
| String type: | Surface                                | 43-013-34221-0000 |
| Location:    | Duchesne County                        |                   |

|   |                                 |                                     |
|---|---------------------------------|-------------------------------------|
| <b>Design parameters:</b>                 | <b>Minimum design factors:</b>  | <b>Environment:</b>                 |
| <b>Collapse</b>                           | <b>Collapse:</b>                | H2S considered? No                  |
| Mud weight: 8.400 ppg                     | Design factor 1.125             | Surface temperature: 65 °F          |
| Design is based on evacuated pipe.        |                                 | Bottom hole temperature: 73 °F      |
|   |                                 | Temperature gradient: 1.40 °F/100ft |
|   |                                 | Minimum section length: 185 ft      |
|   | <b>Burst:</b>                   | Cement top: 303 ft                  |
|   | Design factor 1.00              |                                     |
| <b>Burst</b>                              |                                 |                                     |
| Max anticipated surface pressure: 484 psi |                                 |                                     |
| Internal gradient: 0.120 psi/ft           | <b>Tension:</b>                 | <b>Non-directional string.</b>      |
| Calculated BHP 550 psi                    | 8 Round STC: 1.80 (J)           |                                     |
| No backup mud specified.                  | 8 Round LTC: 1.80 (J)           |                                     |
|   | Buttress: 1.60 (J)              |                                     |
|   | Premium: 1.50 (J)               | <b>Re subsequent strings:</b>       |
|   | Body yield: 1.50 (B)            | Next setting depth: 6,340 ft        |
|   |                                 | Next mud weight: 8.400 ppg          |
|   | Tension is based on air weight. | Next setting BHP: 2,767 psi         |
|   | Neutral point: 481 ft           | Fracture mud wt: 19.250 ppg         |
|   |                                 | Fracture depth: 550 ft              |
|   |                                 | Injection pressure: 550 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)     | Internal Capacity (ft³) |
|---------|---------------------|-------------------------|-------------------------|------------------|----------------------|----------------------|---------------------|-------------------------|-------------------------|
| 1       | 550                 | 8.625                   | 24.00                   | J-55             | ST&C                 | 550                  | 550                 | 7.972                   | 196.7                   |
| 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       | 240                 | 1370                    | 5.708                   | 550              | 2950                 | 5.36                 | 13                  | 244                     | 18.48 J                 |

Prepared by: Helen Sadik-Macdonald, Div of Oil, Gas & Mining  
 Phone: 810-538-5357  
 Date: April 9, 2009, Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE  
 Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.  
 Collapse is based on a vertical depth of 550 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes.  
 Burst strength is not adjusted for tension.

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

Well name:

43013342210000 State 15-36-8-15

Operator: Newfield Production Company

String type: Production

Project ID:

43-013-34221-0000

Location: Duchesne County

**Design parameters:**

**Collapse**

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

**Burst**

Max anticipated surface pressure: 1,372 psi  
Internal gradient: 0.220 psi/ft  
Calculated BHP 2,767 psi

No backup mud specified.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Tension:**

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

Tension is based on buoyed weight.  
Neutral point: 5,534 ft

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 154 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 368 ft

Cement top: 731 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)     | Internal Capacity (ft <sup>3</sup> ) |
|---------|---------------------|-------------------------|-------------------------|------------------|----------------------|----------------------|---------------------|-------------------------|--------------------------------------|
| 1       | 6340                | 5.5                     | 15.50                   | J-55             | LT&C                 | 6340                 | 6340                | 4.825                   | 847.3                                |
| 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       | 2767                | 4040                    | 1.460                   | 2767             | 4810                 | 1.74                 | 86                  | 217                     | 2.53 J                               |

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

Phone: 810-538-5357

Date: March 30, 2009  
Salt Lake City, Utah

**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 6340 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

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

**BOPE REVIEW**

**Newfield State 15-36-8-15**

**API 43-013-34221-0000**

**INPUT**

Well Name

|  |          |                       |   |
|--|----------|-----------------------|---|
| Newfield State 15-36-8-15                |          | API 43-013-34221-0000 |   |
| String 1                                 | String 2 |                       |   |
| Casing Size (")                          | 8 5/8    | 5 1/2                 |   |
| Setting Depth (TVD)                      | 550      | 6340                  |   |
| Previous Shoe Setting Depth (TVD)        | 0        | 550                   |   |
| Max Mud Weight (ppg)                     | 8.4      | 8.4                   | ✓ |
| BOPE Proposed (psi)                      | 0        | 2000                  |   |
| Casing Internal Yield (psi)              | 2950     | 4810                  |   |
| Operators Max Anticipated Pressure (psi) | 2745     | 8.3 ppg               | ✓ |

|  |   |                |  |
|--|---|----------------|--|
| <b>Calculations</b>                            | <b>String 1</b>                                     | <b>8 5/8 "</b> |  |
| Max BHP [psi]                                  | .052*Setting Depth*MW =                             | 240            |  |
| MASP (Gas) [psi]                               | Max BHP-(0.12*Setting Depth) =                      | 174            | NO   |
| MASP (Gas/Mud) [psi]                           | Max BHP-(0.22*Setting Depth) =                      | 119            | NO   |
| Pressure At Previous Shoe                      | Max BHP-.22*(Setting Depth - Previous Shoe Depth) = | 119            | NO   |
| Required Casing/BOPE Test Pressure             |   | 550 psi        |  |
| *Max Pressure Allowed @ Previous Casing Shoe = |   | 0 psi          | *Assumes 1psi/ft frac gradient                                 |
|  |   |                | <b>BOPE Adequate For Drilling And Setting Casing at Depth?</b> |
|  |   |                | Air drill  |
|  |   |                | <b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>   |
|  |   |                | NO Reasonable Depth in area                                    |

|  |   |                |  |
|--|---|----------------|--|
| <b>Calculations</b>                            | <b>String 2</b>                                     | <b>5 1/2 "</b> |  |
| Max BHP [psi]                                  | .052*Setting Depth*MW =                             | 2769           |  |
| MASP (Gas) [psi]                               | Max BHP-(0.12*Setting Depth) =                      | 2009           | NO   |
| MASP (Gas/Mud) [psi]                           | Max BHP-(0.22*Setting Depth) =                      | 1375           | YES ✓  |
| Pressure At Previous Shoe                      | Max BHP-.22*(Setting Depth - Previous Shoe Depth) = | 1496           | NO Reasonable  |
| Required Casing/BOPE Test Pressure             |   | 2000 psi       |  |
| *Max Pressure Allowed @ Previous Casing Shoe = |   | 550 psi        | *Assumes 1psi/ft frac gradient                                 |
|  |   |                | <b>BOPE Adequate For Drilling And Setting Casing at Depth?</b> |
|  |   |                | Air Drill  |
|  |   |                | <b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>   |
|  |   |                | NO Reasonable  |

**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>ML-21835                                   | 6. SURFACE:<br>State                              |
| 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>State 15-36-8-15                       |   |
| 3. ADDRESS OF OPERATOR:<br>Route #3 Box 3630 CITY Myton STATE UT ZIP 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/SE 590' FSL 1796' FEL<br>AT PROPOSED PRODUCING ZONE:  |   |  | 11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:<br>SWSE 36 8S 15E |   |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE:<br>Approximately 12.6 miles southwest of Myton, Utah   |   |  | 12. COUNTY:<br>Duchesne  | 13. STATE:<br>UTAH                                |
| 15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)<br>Approx. 590' f/lse line, NA' f/unit line  | 16. NUMBER OF ACRES IN LEASE:<br>640.00 acres         | 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. 1300'   | 19. PROPOSED DEPTH:<br>6,340                          | 20. BOND DESCRIPTION:<br>#B001834                            |  |   |
| 21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):<br>5857' GL  | 22. APPROXIMATE DATE WORK WILL START:<br>3rd Qtr 2009 | 23. ESTIMATED DURATION:<br>(7) days from SPUD to rig release |  |   |

24. **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                         | 550           | Class G w/2% CaCl                               | 155 sx +/- | 1.17 15.8 |
| 7 7/8        | 5 1/2 J-55 15.5                         | 6,340         | Lead(Prem Lite II)                              | 275 sx +/- | 3.26 11.0 |
|              |   |               | Tail (50/50 Poz)                                | 450 sx +/- | 1.24 14.3 |
|              |   |               |   |            |           |
|              |   |               |   |            |           |
|              |   |               |   |            |           |

25. **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 4/2/09

(This space for State use only)

API NUMBER ASSIGNED: 43-013-34221

Approved by the  
Utah Division of  
Oil, Gas and Mining  
APPROVAL:

**RECEIVED**

APR 02 2009

DIV. OF OIL, GAS & MINING

Date: 04-27-09  
By: *[Signature]*



NEWFIELD PRODUCTION COMPANY  
STATE 15-36-8-15  
SW/SE SECTION 36, T8S, R15E  
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta                    0 – 1,675'  
Green River            1,675'  
Wasatch                6,340'

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

Green River Formation (Oil)            1,675' – 6,340'

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:

Surface Casing: 8-5/8" J-55 24# w/ST&C collars; set at 550' (New)  
Production Casing: 5-1/2" J-55, 15.5# w/LT&C collars; set at TD (New or used, inspected).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

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APR 02 2009

DIV. OF OIL, GAS & MINING

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 @ 550' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +/- . A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

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

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

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

It is anticipated that the drilling operations will commence the third quarter of 2009, and take approximately seven (7) days from spud to rig release.

NEWFIELD PRODUCTION COMPANY  
STATE 15-36-8-15  
SW/SE SECTION 36, T8S, R15E  
DUCHESNE COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. EXISTING ROADS

See attached **Topographic Map "A"**

To reach Newfield Production Company well location site State 15-36-8-15 located in the SW¼ SE¼ Section 36, T8S, R15E, S.L.B. & M., Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles ± to the junction of this highway and UT State Hwy 53; proceed southwesterly - 6.4 miles to it's junction with an existing road to the southwest; proceed southwesterly - 2.8 miles ± to it's junction with an existing road to the south; proceed southeasterly - 0.5 miles ± to it's junction with an existing road to the south; proceed in a southeasterly direction - 1.5 miles ± to it's junction with the beginning of the proposed access road to the west; proceed in a westerly direction - 240' ± 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 240' miles 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

Maurice Harvey Pond  
Water Right: 47-1358

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:** State of Utah.

12. **OTHER ADDITIONAL INFORMATION:**

Newfield Production Company requests 240' of disturbed area be granted to allow for construction of the proposed surface gas lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a 10" or smaller gas gathering line, and a 3" poly fuel gas line, with a permanent width of 30' upon completion of the proposed gas lines. The construction phase of the proposed gas lines will last approximately (5) days. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."**

Newfield Production Company requests 240' of disturbed area be granted to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line, with a permanent width of 30' upon completion of the proposed water return line. The construction phase of the proposed water lines will last approximately (5) days. **Refer to Topographic Map "C."** In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

The Archaeological Survey is attached. MOAC Report #08-301, 1/26/09. See attached report cover page, Exhibit "D". The Paleontological Resource Survey will be forthcoming.

- 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 State 15-36-8-15, 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 State 15-36-8-15 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

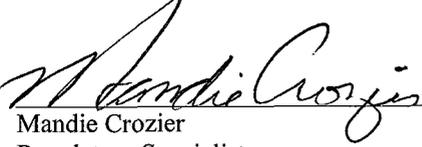
Name: Dave Allred  
Address: Newfield Production Company  
Route 3, Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

#### Certification

Please be advised that Newfield Production Company is considered to be the operator of well #15-36-8-15, SW/SE Section 36, T8S, R15E, Duchesne County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by 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.

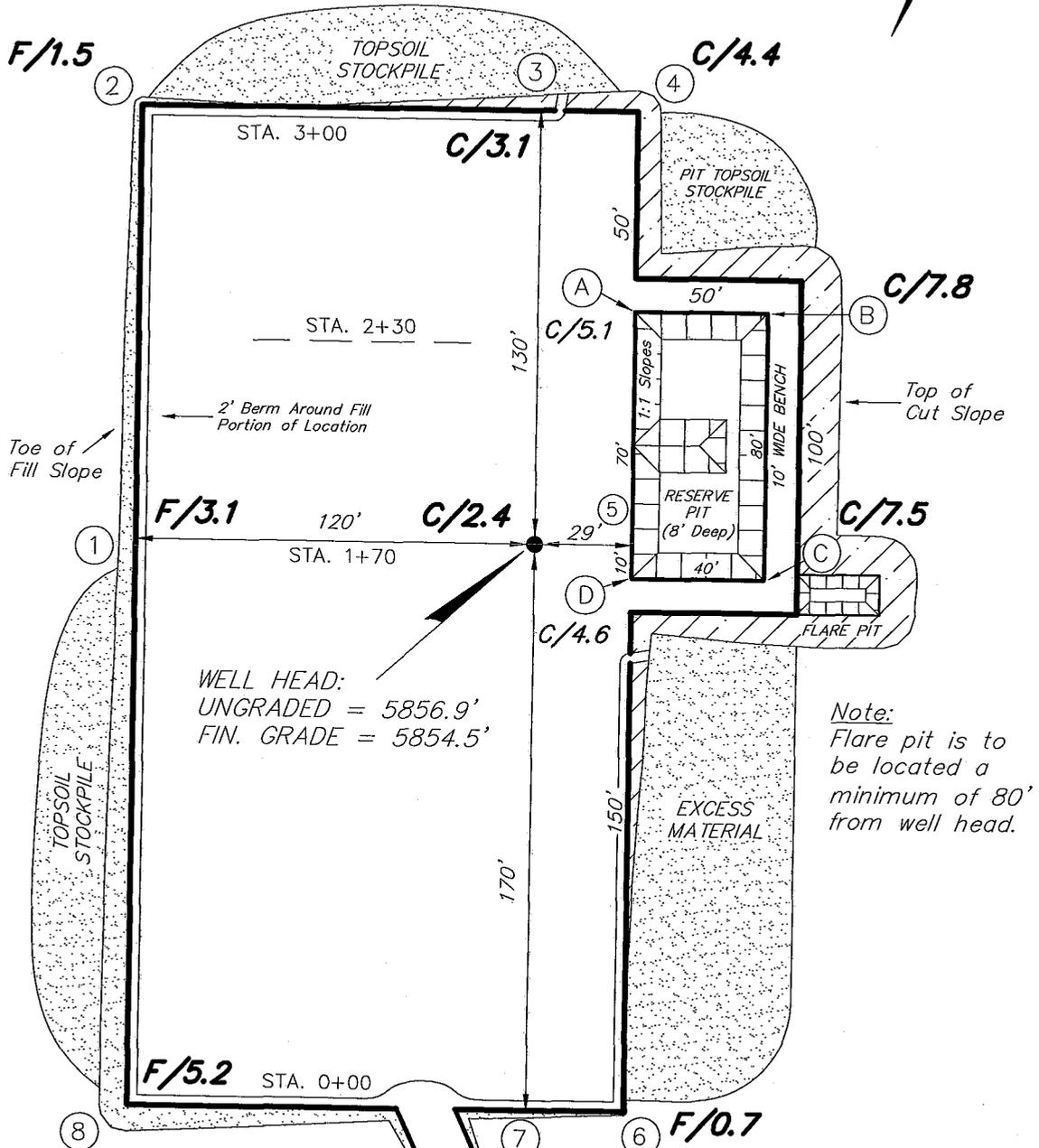
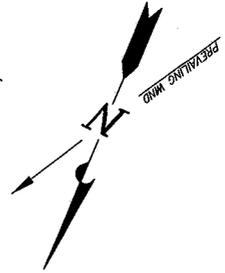
2/27/09  
Date

  
Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

# NEWFIELD PRODUCTION COMPANY

STATE 15-36-8-15

Section 36, T8S, R15E, S.L.B.&M.



WELL HEAD:  
UNGRADED = 5856.9'  
FIN. GRADE = 5854.5'

Note:  
Flare pit is to  
be located a  
minimum of 80'  
from well head.

### REFERENCE POINTS

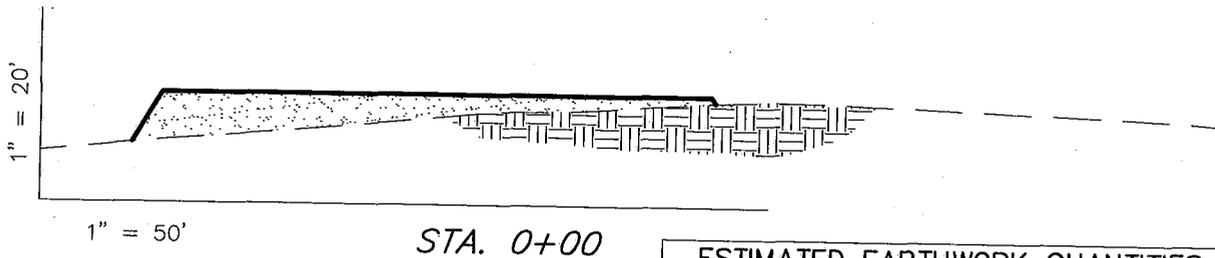
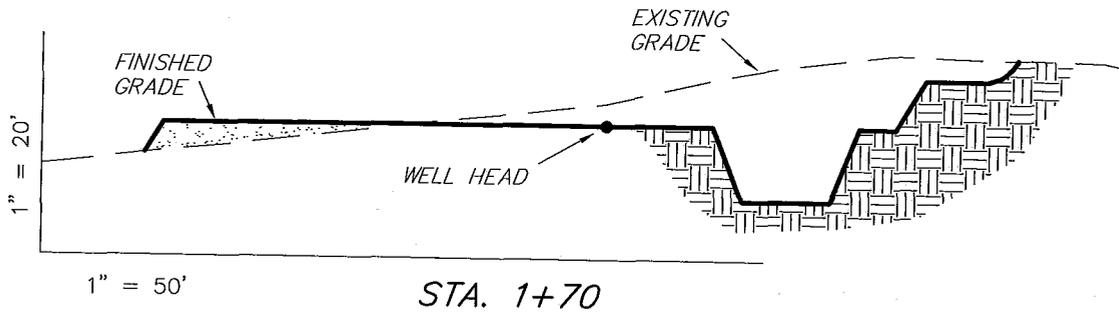
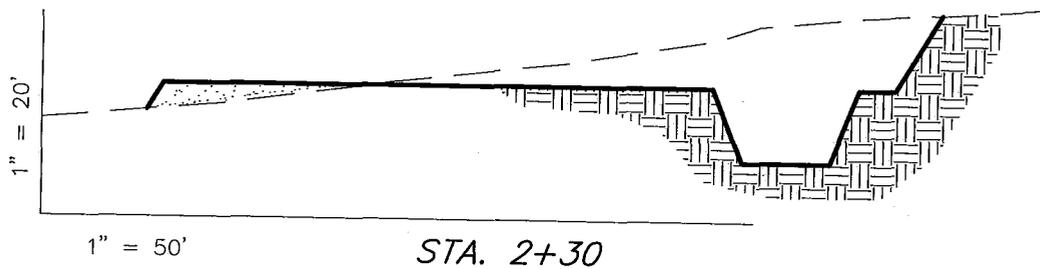
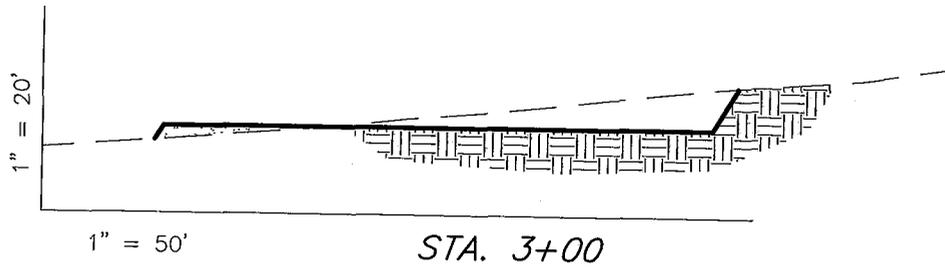
- 180' SOUTHEAST = 5857.6'
- 230' SOUTHEAST = 5858.3'
- 170' NORTHEAST = 5849.2'
- 220' NORTHEAST = 5847.7'

|                   |                         |
|-------------------|-------------------------|
| SURVEYED BY: A.C. | DATE SURVEYED: 11-28-08 |
| DRAWN BY: F.T.M.  | DATE DRAWN: 12-07-08    |
| SCALE: 1" = 50'   | REVISED:                |

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

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS STATE 15-36-8-15



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

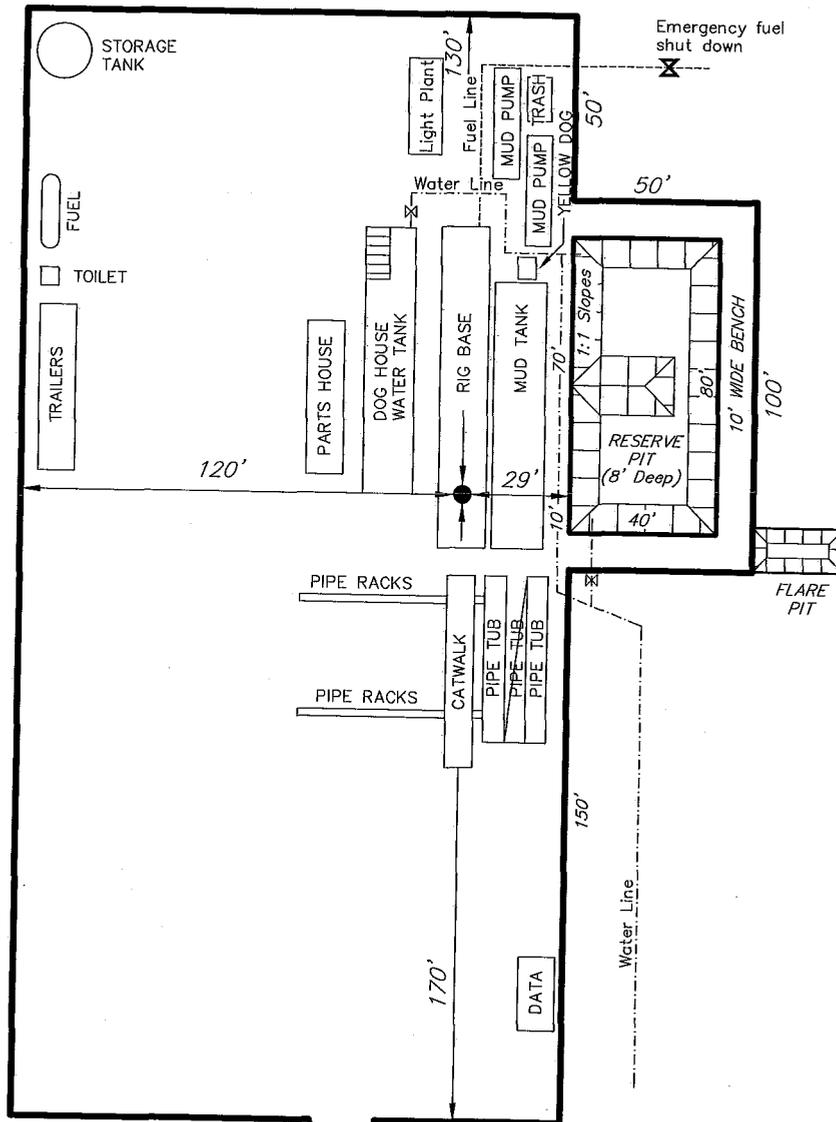
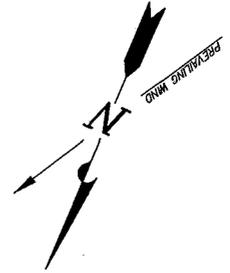
| ESTIMATED EARTHWORK QUANTITIES<br>(No Shrink or swell adjustments have been used)<br>(Expressed in Cubic Yards) |       |       |                                    |        |
|---|-------|-------|------------------------------------|--------|
| ITEM  | CUT   | FILL  | 6" TOPSOIL                         | EXCESS |
| PAD   | 2,640 | 2,640 | Topsoil is not included in Pad Cut | 0      |
| PIT   | 640   | 0     |                                    | 640    |
| TOTALS  | 3,280 | 2,640 | 1,040                              | 640    |

|                   |                         |
|-------------------|-------------------------|
| SURVEYED BY: A.C. | DATE SURVEYED: 11-28-08 |
| DRAWN BY: F.T.M.  | DATE DRAWN: 12-07-08    |
| SCALE: 1" = 50'   | REVISED:                |

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

# NEWFIELD PRODUCTION COMPANY

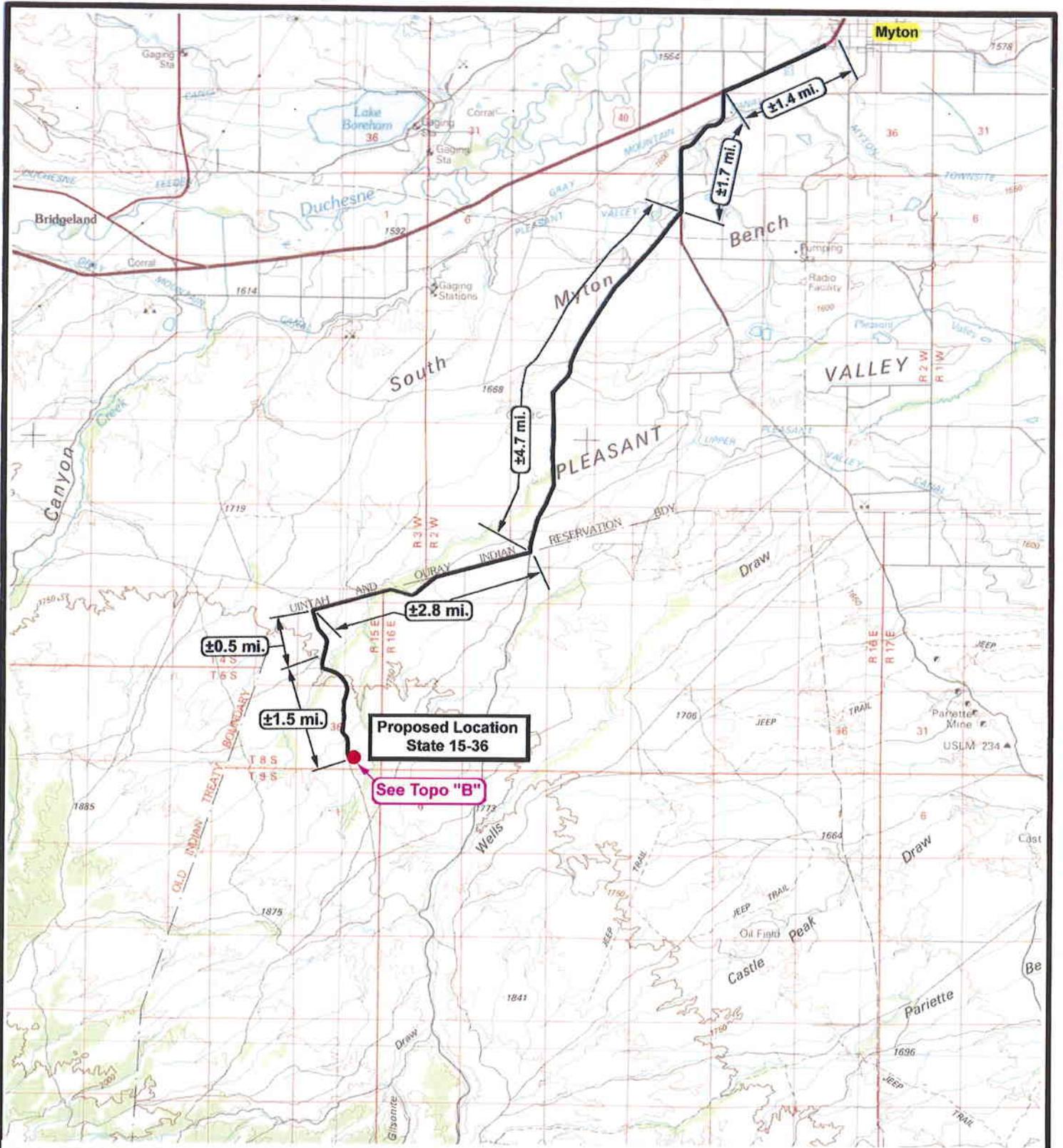
## TYPICAL RIG LAYOUT STATE 15-36-8-15



PROPOSED ACCESS ROAD (Max. 6% Grade)

|                   |                         |
|-------------------|-------------------------|
| SURVEYED BY: A.C. | DATE SURVEYED: 11-28-08 |
| DRAWN BY: F.T.M.  | DATE DRAWN: 12-07-08    |
| SCALE: 1" = 50'   | REVISED:                |

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



**NEWFIELD**  
Exploration Company

**State 15-36-8-15**  
**SEC. 36, T8S, R15E, S.L.B.&M.**



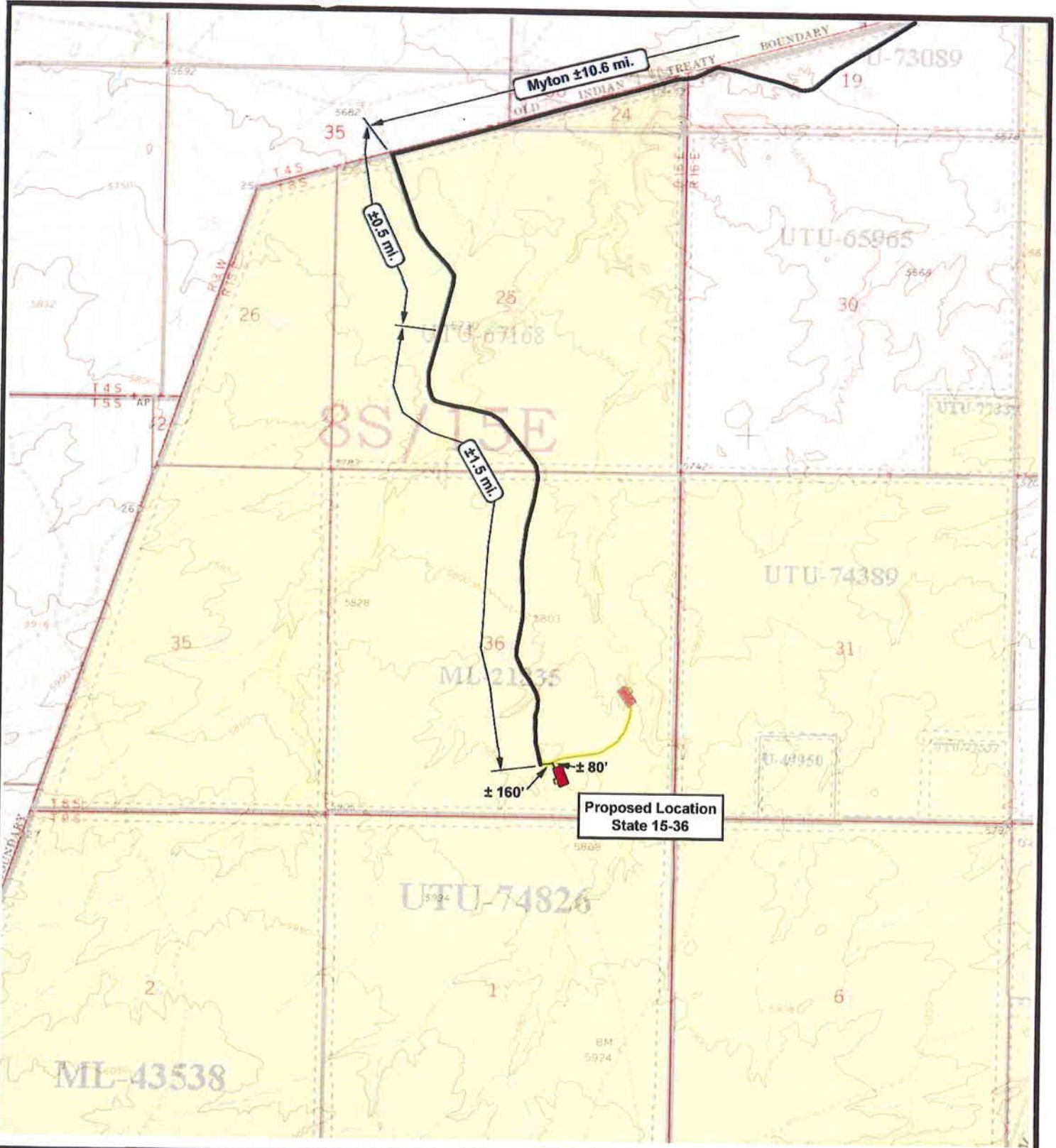
**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000  
DRAWN BY: mw  
DATE: 12-24-2008

**Legend**

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP  
**"A"**



**NEWFIELD**  
Exploration Company

**State 15-36-8-15**  
**SEC. 36, T8S, R15E, S.L.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: 12-24-2008

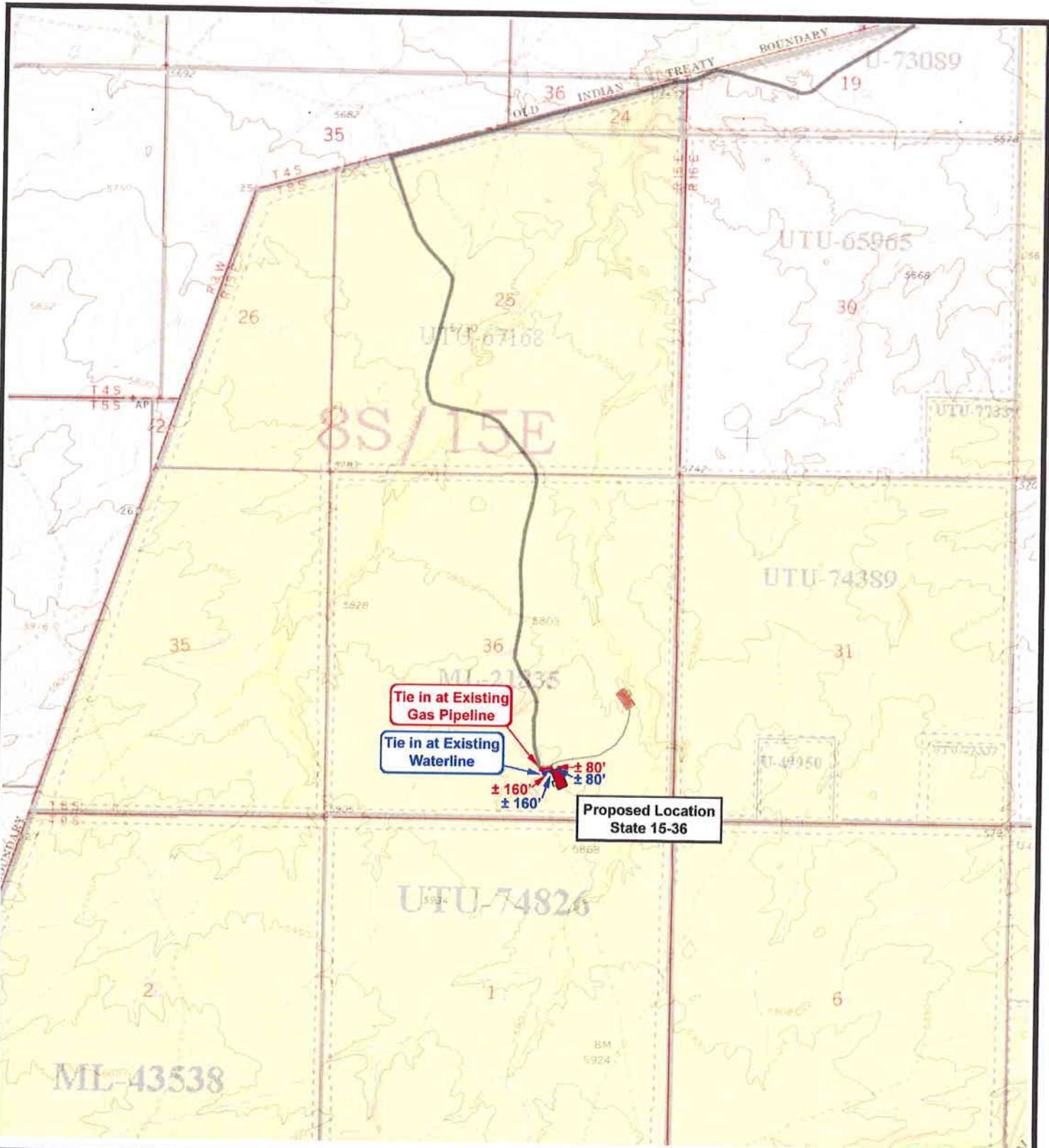
**Legend**

Existing Road

Proposed Access

TOPOGRAPHIC MAP

**"B"**



 **NEWFIELD**  
Exploration Company

**State 15-36-8-15**  
**SEC. 36, T8S, R15E, S.L.B.&M.**



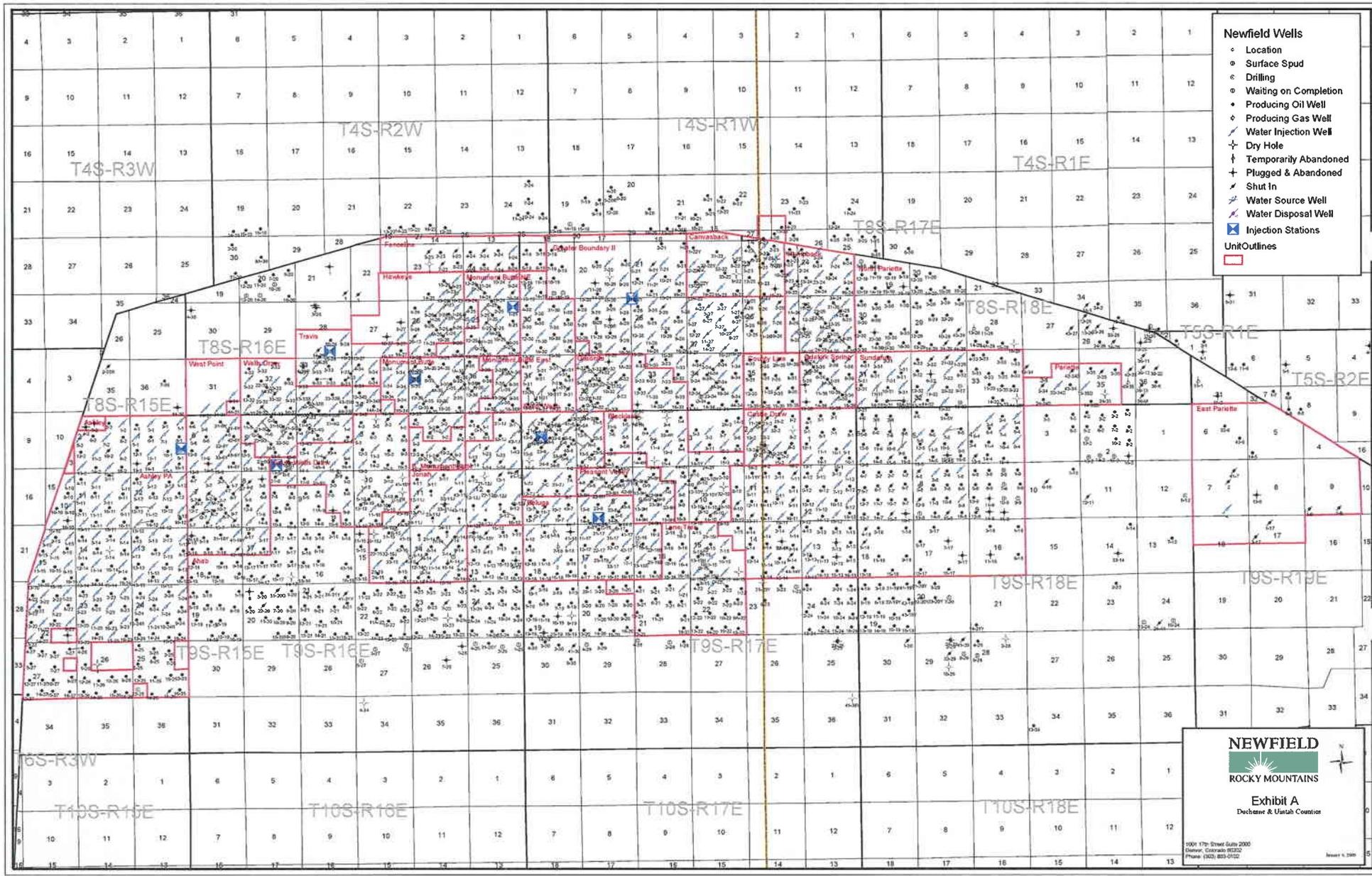
  
**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 12-24-2008

**Legend**

-  Roads
-  Proposed Gas Line
-  Proposed Water Line

TOPOGRAPHIC MAP  
**"C"**



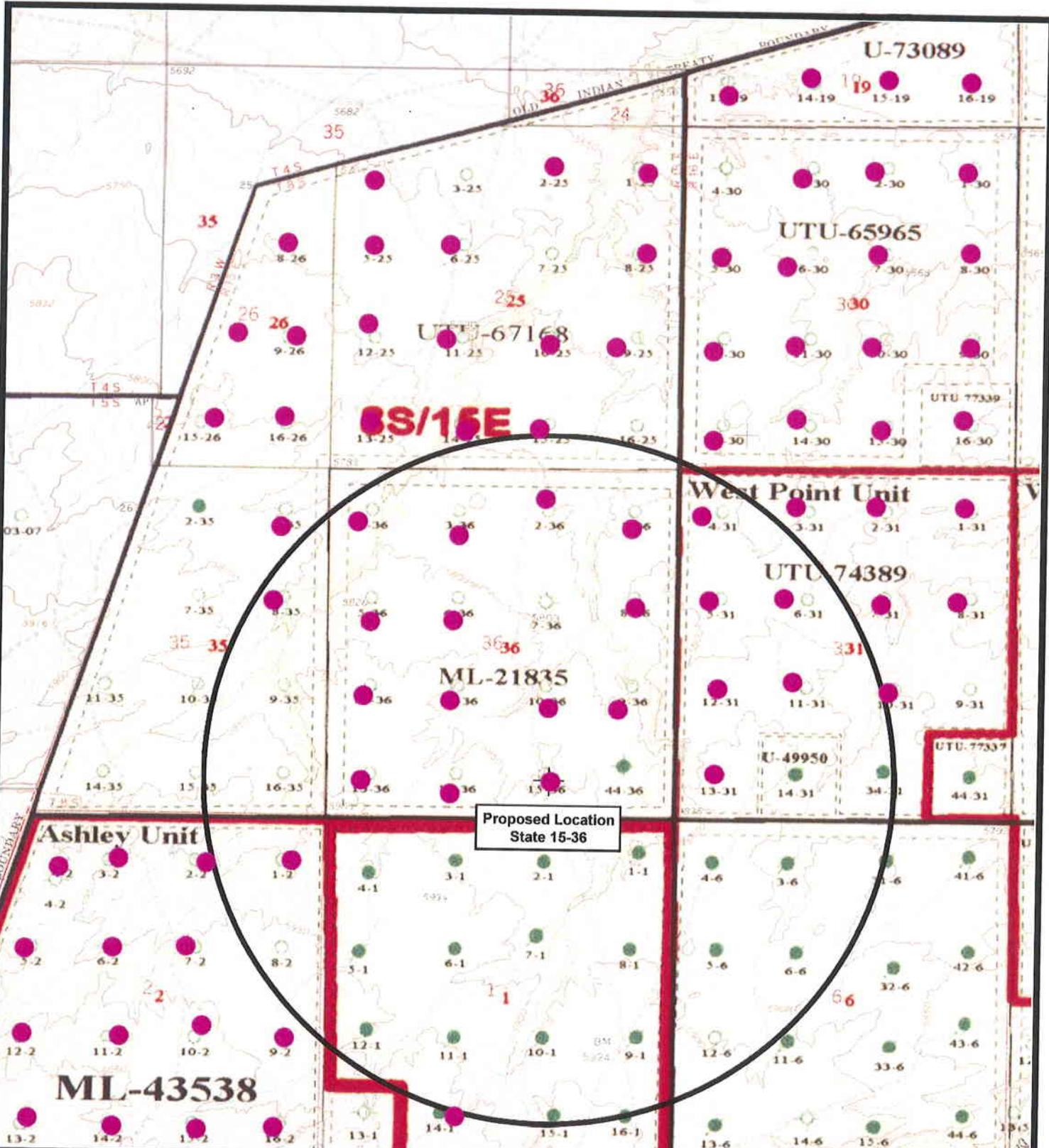
- Newfield Wells**
- Location
  - Surface Spud
  - Drilling
  - Waiting on Completion
  - Producing Oil Well
  - ◇ Producing Gas Well
  - ◇ Water Injection Well
  - ✂ Dry Hole
  - † Temporarily Abandoned
  - † Plugged & Abandoned
  - ✂ Shut In
  - ◇ Water Source Well
  - ◇ Water Disposal Well
  - Injection Stations
- Unit Outlines**
- 

**NEWFIELD**  
 ROCKY MOUNTAINS

Exhibit A  
 Dechene & Utah Corridor

1901 17th Street Suite 2000  
 Denver, Colorado 80202  
 Phone: (303) 853-0152

Revised 4/2009



Proposed Location  
State 15-36

 **NEWFIELD**  
Exploration Company

**State 15-36-8-15**  
**SEC. 36, T8S, R15E, S.L.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: 12-24-2008

**Legend**

- Location
- One-Mile Radius

**Exhibit "B"**

**2-M SYSTEM**  
Blowout Prevention Equipment Systems

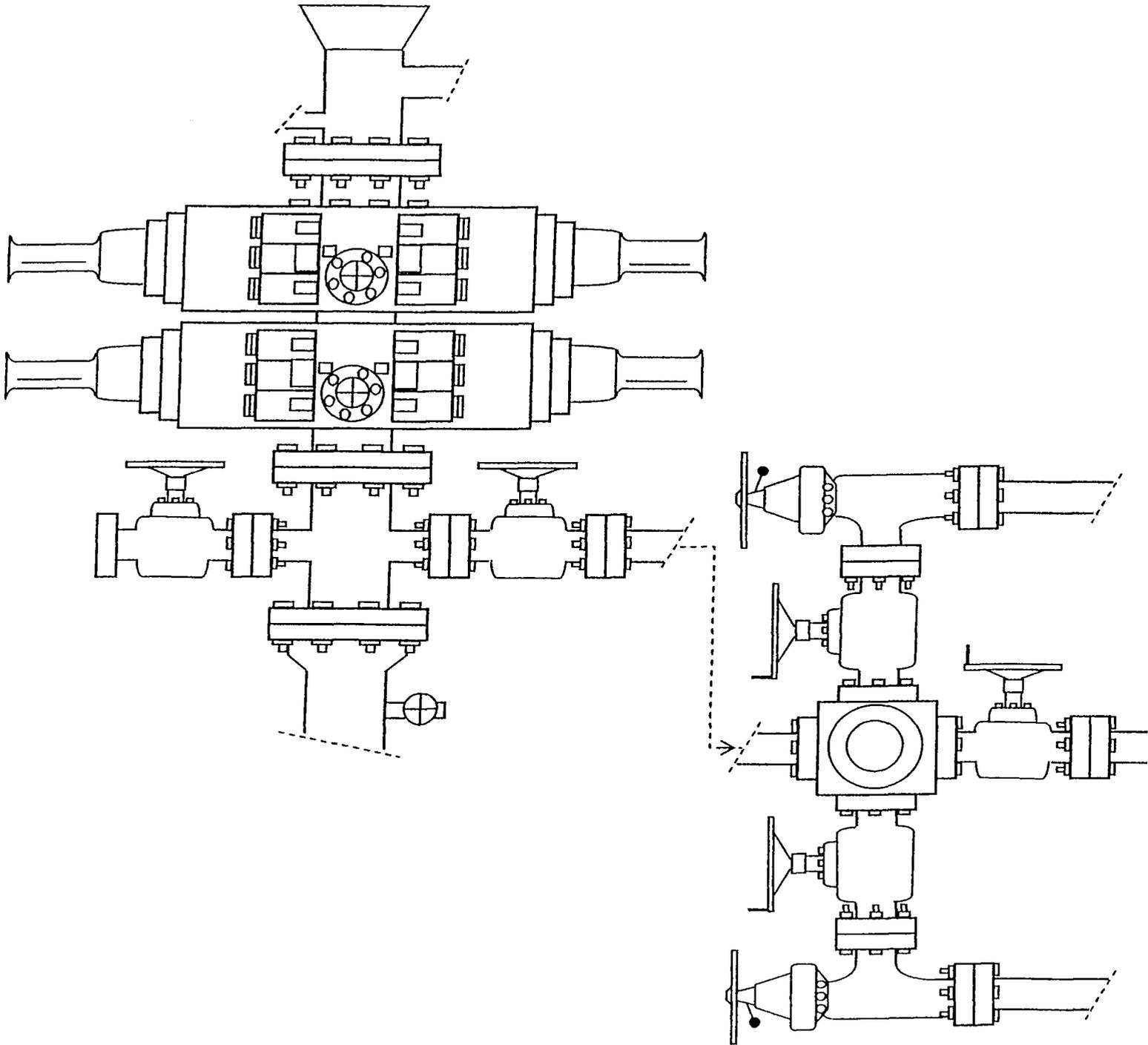


EXHIBIT C

Exhibit "D"

CULTURAL RESOURCE INVENTORY OF  
NEWFIELD EXPLORATION'S FOUR BLOCK PARCELS  
(T8S, R15E, SECTIONS 25, 26, 35, AND 36)  
DUCHESNE COUNTY, UTAH

By

Nicole Shelnut

Prepared For

Bureau of Land Management  
Vernal Field Office  
and  
School & Institutional  
Trust Lands Administration

Prepared Under Contract With

Newfield Exploration Company  
Rt 3 Box 3630  
Myton, UT 84052

Prepared By

Montgomery Archaeological Consultants, Inc  
P O Box 219  
Moab, Utah 84532

MOAC Report No 08-301

January 26, 2009

United States Department of Interior (FLPMA)  
Permit No 08-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No U-08-MQ-1227b,s

**From:** Jim Davis  
**To:** Bonner, Ed; Mason, Diana  
**Date:** 4/2/2009 10:49 AM  
**Subject:** Newfield Approvals (14)

**CC:** Garrison, LaVonne; mcrozier@newfield.com; teaton@newfield.com

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

Newfield Production's State 5-36-8-15 [API #4301334230]

Newfield Production's State 2-36-8-15 [API #4301334233]

Newfield Production's State 15-36-8-15 [API #4301334221]

Newfield Production's State 14-36-8-15 [API #4301334222]

Newfield Production's State 13-36-8-15 [API #4301334223]

Newfield Production's State 12-36-8-15 [API #4301334224]

Newfield Production's State 11-36-8-15 [API #4301334225]

Newfield Production's State 1-36-8-15 [API #4301334234]

Newfield Production's State 10-36-8-15 [API #4301334226]

Newfield Production's State 9-36-8-15 [API #4301334227]

Newfield Production's State 8-36-8-15 [API #4301334228]

Newfield Production's State 6-36-8-15 [API #4301334229]

Newfield Production's State 3-36-8-15 [API #4301334232]

Newfield Production's State 4-36-8-15 [API #4301334231]

-Jim

Jim Davis  
Utah Trust Lands Administration  
jimdavis1@utah.gov  
Phone: (801) 538-5156



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

April 27, 2009

Newfield Production Company  
Rt. #3, Box 3630  
Myton, UT 84052

Re: State 15-36-8-15 Well, 590' FSL, 1796' FEL, SW SE, Sec. 36, T. 8 South, R. 15 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

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. The API identification number assigned to this well is 43-013-34221.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Duchesne County Assessor  
SITLA



Operator: Newfield Production Company

Well Name & Number State 15-36-8-15

API Number: 43-013-34221

Lease: ML-21835

Location: SW SE                      Sec. 36                      T. 8 South                      R. 15 East

### Conditions of Approval

#### 1. 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.

#### 2. Notification Requirements

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

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

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

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

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

- Dan Jarvis at:                      (801) 538-5338 office                      (801) 942-0871 home
- Carol Daniels at:                      (801) 538-5284 office
- Dustin Doucet at:                      (801) 538-5281 office                      (801) 733-0983 home

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

Page 2

43-013-34221

April 27, 2009

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
6. 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.
7. Surface casing shall be cemented to the surface.

Spud  
BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross #21 Submitted  
By Jim Smith Phone Number 823-  
2072

Well Name/Number State 15-36-8-15  
Qtr/Qtr SW/SE Section 36 Township 8s Range 15E  
Lease Serial Number ML-21835  
API Number 43-013-34221

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

Date/Time 2/18/10      8:00 AM  PM

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

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

Date/Time 2/18/10      5:00 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 \_\_\_\_\_

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTAH STATE ML-21835

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
GMBU

**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: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSE, 36, T8S, R15E STATE: UT

8. WELL NAME and NUMBER:  
STATE 15-36-8-15

9. API NUMBER:  
4301334221

10. FIELD AND POOL, OR WILDCAT:  
MONUMENT BUTTE

**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                 | <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><br>Date of Work Completion: | <input type="checkbox"/> CHANGE WELL NAME               | <input type="checkbox"/> PLUG BACK                        | <input type="checkbox"/> WATER DISPOSAL                  |
| 02/24/2010   | <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 2-18-10 MIRU ROSS spud rig #21. Drill 630' of 12 1/4" hole with air mist. TIH W/14 Jt's 8 5/8" J-55 24# csgn. Set @ 629.77'. On 2-21-10 Cement with 336 sks of Class "G" w/ 2% CaCL+ 1/4# Cello Flake. Mixed @ 15.8 ppg > 1.17 cf/sk yeild. Returned 10 bbls cement to pit.

NAME (PLEASE PRINT) Xabier Lasa TITLE Drilling Foreman

SIGNATURE *Xabier Lasa* DATE 02/24/2010

(This space for State use only)

**RECEIVED**  
**MAR 01 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

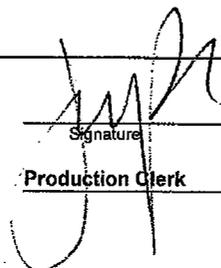
| ACTION CODE   | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME                             | WELL LOCATION |                 |    |     |          | SPUD DATE | EFFECTIVE DATE |
|---|--------------------|----------------|------------|---------------------------------------|---------------|-----------------|----|-----|----------|-----------|----------------|
|   |                    |                |            |                                       | QQ            | SC              | TP | RG  | COUNTY   |           |                |
| B   | 99999              | 17400 ✓        | 4301334221 | STATE 15-36-8-15                      | SWSE          | 36              | 8S | 15E | DUCHESNE | 2/18/2010 | 3/10/10        |
| WELL 1 COMMENTS: <i>GRRV</i>  |                    |                |            |                                       |               |                 |    |     |          |           |                |
| B   | 99999              | 17400 ✓        | 4301334155 | <sup>FED</sup><br>JONAH C-7-9-17      | NENW          | 7               | 9S | 17E | DUCHESNE | 2/23/2010 | 3/10/10        |
| <i>GRRV</i> <span style="margin-left: 200px;"><i>BHL = NENW</i></span>                  |                    |                |            |                                       |               |                 |    |     |          |           |                |
| B   | 99999              | 17400 ✓        | 4301334120 | <sup>FED</sup><br>JONAH X-6-9-17      | NENW          | <del>7</del> 6  | 9S | 17E | DUCHESNE | 2/20/2010 | 3/10/10        |
| <i>GRRV</i> <span style="margin-left: 200px;"><i>BHL = Sec 6 SE SW</i></span>           |                    |                |            |                                       |               |                 |    |     |          |           |                |
| B   | 99999              | 17400 ✓        | 4301334187 | FEDERAL 7-30-8-16                     | SWNE          | 30              | 8S | 16E | DUCHESNE | 2/24/2010 | 3/10/10        |
| <i>GRRV</i>   |                    |                |            |                                       |               |                 |    |     |          |           |                |
| B   | 99999              | 17400 ✓        | 4301333884 | <sup>FED</sup><br>BLACKJACK O-10-9-17 | NESE          | <del>10</del> 9 | 9S | 17E | DUCHESNE | 2/25/2010 | 3/10/10        |
| WELL 5 COMMENTS: <i>GRRV</i> <span style="margin-left: 200px;"><i>BHL = NESE</i></span> |                    |                |            |                                       |               |                 |    |     |          |           |                |
| A   | 99999              | 17534          | 4301350165 | UTE TRIBAL 8-26-4-3                   | SENE          | 26              | 4S | 3W  | DUCHESNE | 2/24/2010 | 3/10/10        |
| WELL 5 COMMENTS: <i>GRRV</i>  |                    |                |            |                                       |               |                 |    |     |          |           |                |

- 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 - other (explain in comments section)

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

RECEIVED  
 MAR 02 2010

DIV. OF OIL, GAS & MINING

  
 Signature \_\_\_\_\_ Jentri Park  
 Production Clerk  
 Date 02/26/10

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

|  |
|--|
| 5. LEASE DESIGNATION AND SERIAL NUMBER:<br>UTAH STATE ML-21835 |
| 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:                          |
| 7. UNIT or CA AGREEMENT NAME:<br>GMBU                          |
| 8. WELL NAME and NUMBER:<br>STATE 15-36-8-15                   |
| 9. API NUMBER:<br>4301334221                                   |
| 10. FIELD AND POOL, OR WILDCAT:<br>MONUMENT BUTTE              |

**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.

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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: DUCHESNE

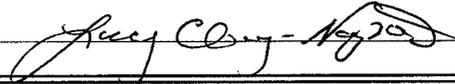
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSE, 36, T8S, R15E STATE: UT

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"/> 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><br>Date of Work Completion:<br>03/16/2010 | <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 03-16-10, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant

SIGNATURE  DATE 03/22/2010

(This space for State use only)

**RECEIVED**

**MAR 29 2010**

DIV. OF OIL, GAS & MINING

**Daily Activity Report**

Format For Sundry

**STATE 15-36-8-15****1/1/2010 To 5/30/2010****3/9/2010 Day: 1****Completion**

Rigless on 3/9/2010 - Ran CBL, could not get deep enough to shoot 1st stage. - 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 @ 6243' & cement top @ 32'. Could not get deep enough to shoot 1st stage. 150 BWTR. SWIFN.

**Daily Cost:** \$0**Cumulative Cost:** \$11,178

---

**3/11/2010 Day: 2****Completion**

Nabors #809 on 3/11/2010 - MIRUSU. PU tbg & RU drill equipment. - Drill out to 6350'. Circulate well clean. RD power swivel. TOO H w/ tbg, bit sub & bit. RU Perforators WLT. RIH w/ CIBP & tag @ 6327'. Set CIBP @ 6308'. POOH w/ WL. RU hot oiler. Pressure test CIBP, csg, BOPs & wellhead to 4500 psi. RIH w/ perf guns & perforate BsCarb. POOH & RD WLT. SWIFN. - MIRU Nabors 809. NU washington head on BOPs. RU rig floor. Talley & PU 4 3/4" rock bit, bit sub & 201- jts 2 7/8" J-55 8rd EUE tbg. RU power swivel, pump & pump lines. SWIFN. 150 BWTR. - Drill out to 6350'. Circulate well clean. RD power swivel. TOO H w/ tbg, bit sub & bit. RU Perforators WLT. RIH w/ CIBP & tag @ 6327'. Set CIBP @ 6308'. POOH w/ WL. RU hot oiler. Pressure test CIBP, csg, BOPs & wellhead to 4500 psi. RIH w/ perf guns & perforate BsCarb. POOH & RD WLT. SWIFN. - MIRU Nabors 809. NU washington head on BOPs. RU rig floor. Talley & PU 4 3/4" rock bit, bit sub & 201- jts 2 7/8" J-55 8rd EUE tbg. RU power swivel, pump & pump lines. SWIFN. 150 BWTR.

**Daily Cost:** \$0**Cumulative Cost:** \$20,335

---

**3/12/2010 Day: 4****Completion**

Nabors #809 on 3/12/2010 - Frac, perforate & flowback well. - Frac & perforate well as detailed. Open for immediate flowback @ approx 3 BPM. Well flowed for 9 hours & died. Recovered 1296 BW. SWIFN. 2459 BWTR.

**Daily Cost:** \$0**Cumulative Cost:** \$135,995

---

**3/13/2010 Day: 5****Completion**

Nabors #809 on 3/13/2010 - Drill out plugs & clean out to PBSD. - Check pressure on well, 250 psi. Bleed pressure off well. ND frac BOPs & wellhead. NU Production wellhead & BOPs. RU rig floor. PU & TIH w/ 4 3/4" chomp bit, bit sub & tbg. Tag fill @ 4419'. RU drill equipment. Clean out to plug @ 4425'. Drill out plug in 47 min. Hang back power swivel. Continue PU tbg & tag plug @ 5110'. Drill out plug in 40 min. Hang back power swivel. Continue PU tbg & tag plug @ 5615'. Drill out plug in 30 min. Hang back power swivel. Continue PU tbg & tag fill @ 6288'. Clean out to PBSD @ 6308'. Circulate well clean. TOO H w/ 4- jts tbg & place EOT @ 5205'. SWIFN. 2459 BWTR.

**Daily Cost:** \$0**Cumulative Cost:** \$143,662

---

**3/16/2010 Day: 6****Completion**

Nabors #809 on 3/16/2010 - Swab for clean up, trip tbg & PU rods. - Continue PU rods as detailed. RU pumping unit. Fill tbg w/ 2 BW. Stoke test pump w/ unit to 800 psi. RDMOSU. PWOP @ 11:00 am. 2248 BWTR. - Check pressure on well, 100 psi tbg & csg. RU swab equipment. Made 12 swab runs w/ SFL @ surface & EFL 1400'. Recovered 179 bbls ending w/ trace of oil. TIH & tag PBTB @ 6308'. Circulate well w/ 150 BW. TOOH w/ tbg. TIH w/ production tbg as detailed. RD rig floor. ND BOPs. X-over for rods. PU & prime Central Hydraulic pump. PU 6- 1 1/2" wt rods, 20- 3/4" guided rods, 114- 3/4" plain rods & 1 1/2" polished rod. SWIFN. 2246 BWTR. - Continue PU rods as detailed. RU pumping unit. Fill tbg w/ 2 BW. Stoke test pump w/ unit to 800 psi. RDMOSU. PWOP @ 11:00 am. 2248 BWTR. - Check pressure on well, 100 psi tbg & csg. RU swab equipment. Made 12 swab runs w/ SFL @ surface & EFL 1400'. Recovered 179 bbls ending w/ trace of oil. TIH & tag PBTB @ 6308'. Circulate well w/ 150 BW. TOOH w/ tbg. TIH w/ production tbg as detailed. RD rig floor. ND BOPs. X-over for rods. PU & prime Central Hydraulic pump. PU 6- 1 1/2" wt rods, 20- 3/4" guided rods, 114- 3/4" plain rods & 1 1/2" polished rod. SWIFN. 2246 BWTR. **Finalized**

**Daily Cost:** \$0**Cumulative Cost:** \$184,899

---

**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.  
UTAH STATE ML-21835

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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
GMBU

2. Name of Operator  
NEWFIELD EXPLORATION COMPANY

8. Lease Name and Well No.  
STATE 15-36-8-15

3. Address  
1401 17TH ST. SUITE 1000 DENVER, CO 80202

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

9. AFI Well No.  
43-013-34221

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

At surface 590' FSL & 1796' FEL (SW/SE) SEC. 36, T8S, R15E

At top prod. interval reported below

At total depth

10. Field and Pool or Exploratory  
MONUMENT BUTTE

11. Sec., T., R., M., on Block and  
Survey or Area  
SEC. 36, T8S, R15E

12. County or Parish  
DUCHE SNE

13. State  
UT

14. Date Spudded  
02/17/2010

15. Date T.D. Reached  
02/28/2010

16. Date Completed 03/16/2010  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
5885' GL 5897' KB

18. Total Depth: MD 6340'  
TVD

19. Plug Back T.D.: MD 6308'  
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 Cementer Depth | No. of Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|-------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 12-1/4"   | 8-5/8" J-55 | 24#         | 0        | 630'        |                      | 336 CLASS G                 |                   |             |               |
| 7-7/8"    | 5-1/2" J-55 | 15.5#       | 0        | 6329'       |                      | 300 PRIMLITE                |                   | 32'         |               |
|           |             |             |          |             |                      | 425 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@ 6091'     | TA @ 5924'        |      |                |                   |      |                |                   |

25. Producing Intervals

| Formation      | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|----------------|-----|--------|---------------------|------|-----------|--------------|
| A) Green River |     |        | 6184-6280' BsCarb   | .36" | 3         | 48           |
| B) Green River |     |        | 5345-5567' A3 LODC  | .36" | 3         | 45           |
| C) Green River |     |        | 4880-5056' D1 D2 C  | .36" | 3         | 36           |
| D) Green River |     |        | 4321-4375' GB4 GB6  | .36" | 3         | 24           |

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

| Depth Interval | Amount and Type of Material  |
|----------------|--|
| 6184-6280'     | Frac w/ 73844#s 20/40 sand in 1956 bbls of slick water. (BsCarb)         |
| 5345-5567'     | Frac w/ 75055#s 20/40 sand in 471 bbls of Lightning 17 fluid. (A3 LODC)  |
| 4880-5056'     | Frac w/ 105766#s 20/40 sand in 643 bbls of Lightning 17 fluid. (D1 D2 C) |
| 4321-4375'     | Frac w/ 41953#s 20/40 sand in 265 bbls of Lightning 17 fluid. (GB4 GB6)  |

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               |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|---------------------------------|
| 3-17-10             | 3-29-10              | 24           | →               | 105     | 0       | 47        |                       |             | 2-1/2" x 1-1/2" x 20' RHAC Pump |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                                 |
|                     |                      |              | →               |         |         |           |                       | PRODUCING   |                                 |

28a. Production - Interval B

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

RECEIVED

APR 27 2010

DIV. OF OIL, GAS & MINING

\*(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<br>Corr. API | Gas Gravity | Production Method |
| Choke Size          | Tbg. Press.<br>Flwg.<br>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<br>Corr. API | Gas Gravity | Production Method |
| Choke Size          | Tbg. Press.<br>Flwg.<br>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

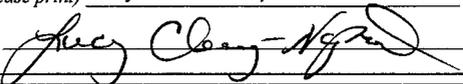
| Formation | Top | Bottom | Descriptions, Contents, etc. | Name                                  | Top            |
|-----------|-----|--------|------------------------------|---------------------------------------|----------------|
|           |     |        |                              |                                       | Meas. Depth    |
|           |     |        |                              | GARDEN GULCH MRK<br>GARDEN GULCH 1    | 3820'<br>4042' |
|           |     |        |                              | GARDEN GULCH 2<br>POINT 3             | 4157'<br>4417' |
|           |     |        |                              | X MRKR<br>Y MRKR                      | 4689'<br>4729' |
|           |     |        |                              | DOUGALS CREEK MRK<br>BI CARBONATE MRK | 4840'<br>5088' |
|           |     |        |                              | B LIMESTON MRK<br>CASTLE PEAK         | 5210'<br>5736' |
|           |     |        |                              | BASAL CARBONATE                       | 6171'          |

32. Additional remarks (include plugging procedure):

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

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

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

Name (please print) Lucy Chavez-Naupoto      Title Administrative Assistant  
 Signature       Date 04/22/2010

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

**STATE 15-36-8-15****12/1/2009 To 4/28/2010****STATE 15-36-8-15****Waiting on Cement****Date:** 2/21/2010

Ross #21 at 630. Days Since Spud - On 2-21-10 R/U BJ and Cmt w/ sks of class G cmt + 2% calcium chloride+ .25 # sk cello flake mixed - @ 15.8ppg and 1.17 yield , returned 10 bbls cement to pit, bump plug to 562 psi - On 2-17-10 Notify BLM & State of spud @8:00 AM & csg @ 5:00PM on 2-18-10 - On 2-18-10 spud @ 8:00 AM and drill 12 1/4" hole to 630', P/U and run 14 jts of 8 5/8" J-55 24# STC - casing Set @ 629.77'KB, drill mouse and rat hole

**Daily Cost:** \$0**Cumulative Cost:** \$59,435**STATE 15-36-8-15****Waiting on Cement****Date:** 2/23/2010

Ross #21 at 630. 0 Days Since Spud - Rig down and prepare for move

**Daily Cost:** \$0**Cumulative Cost:** \$59,785**STATE 15-36-8-15****Drill 7 7/8" hole with fresh water****Date:** 2/25/2010

NDSI #1 at 1910. 1 Days Since Spud - Drill 7 7/8" hole F/560 - To 1910', w/ 15 WOB, 128 RPM, 365 GPM,ROP 128 - Tag @ 560' - Gain circulatoin - 21 6" DC - Surface csg @ 1500 PSI - test good - R/U B&C quickestest Test Kelly,safty valve,choke manifold,Pipe and blind rams @ 2000 PSI - MIRU w/Jones Trucking 8 mi - On 2/23/10 notify BLM and State of rig move and BOP test on 2/24/10. - Pick up Hughs 7 7/8" Q506F PDC, Hunting 7/8 3.5 1.5° M.M. ,Extreme 1x30' Monel 1x2' hang off sub

**Daily Cost:** \$0**Cumulative Cost:** \$89,080**STATE 15-36-8-15****Drill 7 7/8" hole with fresh water****Date:** 2/26/2010

NDSI #1 at 4066. 2 Days Since Spud - Drill 7 7/8" hole F/3191' - 4066', w/ 20 WOB, 128 RPM, 345 GPM,ROP 128 - Work on Boiler - Drill 7 7/8" hole F/2910-3191', w/ 18 WOB, 137 RPM, 360 GPM,ROP 137 - Rig sevice funtion test pipe rams and crownomatic - Drill 7 7/8" hole F/1910 - To 2910', w/ 15 WOB, 128 RPM, 349 GPM,ROP 170

**Daily Cost:** \$0**Cumulative Cost:** \$122,199**STATE 15-36-8-15****Drill 7 7/8" hole with fresh water****Date:** 2/27/2010

NDSI #1 at 5694. 3 Days Since Spud - Rig service funtion test pipe rams and crownomatic - Drill 7 7/8" hole F/4723' to 4974', w/ 20 WOB, 128 RPM, 345 GPM,ROP 110 - Work on extreme survey - No reading write - Drill 7 7/8" hole F/4974' to 5694', w/ 18 WOB, 120 RPM, 345 GPM,ROP 90 - Drill 7 7/8" hole F/4066' to 4723', w/ 20 WOB, 128 RPM, 345 GPM,ROP 116

**Daily Cost:** \$0**Cumulative Cost:** \$136,626

**STATE 15-36-8-15****Drill 7 7/8" hole with fresh water****Date:** 2/28/2010

NDSI #1 at 6340. 4 Days Since Spud - Rig service funtion test pipe rams and crownomatic - Drill 7 7/8" hole F/5945' to 6340', w/ 20 WOB, 128 RPM, 352 GPM,ROP 85 ,TD - Lay down DP and BHA - No flow - R/U Psi run DISGL/SP/GR suite TD to surface- DSN/SDL/GR/CAL suite TD to 3000' (loggers TD 6320') - R/U Quicktest - test csg rams @ 2000psi - R/U Liddell csg run 143jt 5.5 15.5# j-55 LTC-tag -GS set @ 6329.51' KB -FC set @ 6284.52' KB - Drill 7 7/8" hole F/5694' to 5945', w/ 20 WOB, 128 RPM, 352 GPM,ROP 83 - Circulate csg w/rig pump - wait on BJ

**Daily Cost:** \$0**Cumulative Cost:** \$271,135

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**STATE 15-36-8-15****Drill 7 7/8" hole with fresh water****Date:** 3/1/2010

NDSI #1 at 6340. 5 Days Since Spud - yield @ 3.54 Then tail of 425 sk 50:50:2+3% KCL+0.5%EC-1+.25# SK CF+.05#SF+.3SMS+FP-6L - Mixed @ 14.4 ppg yeild @ 1.24 return 50 bbls to pit Bump plug to 2426 psi - Nipple down set 5.5 csg slips w/ 110,000# tention - Clean Mud tanks - Tear down - Release rig @12:00 pm on 2/28/10 - CMT w/BJ Pump 300 sks PL II +3% KCL +5#CSE+0.5#CF+2#KOL+.5SMS+FP+SF mixed @ 11ppg **Finalized**

**Daily Cost:** \$0**Cumulative Cost:** \$293,089

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**Pertinent Files: Go to File List**