

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

FORM 3

AMENDED REPORT

<b>APPLICATION FOR PERMIT TO DRILL</b>						<b>1. WELL NAME and NUMBER</b> Ute Tribal 8-16-4-1W	
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						<b>3. FIELD OR WILDCAT</b> UNDESIGNATED	
<b>4. TYPE OF WELL</b> Oil Well Coalbed Methane Well: NO						<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>	
<b>6. NAME OF OPERATOR</b> NEWFIELD PRODUCTION COMPANY						<b>7. OPERATOR PHONE</b> 435 646-4825	
<b>8. ADDRESS OF OPERATOR</b> Rt 3 Box 3630 , Myton, UT, 84052						<b>9. OPERATOR E-MAIL</b> mcrozier@newfield.com	
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> 20G0005609			<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b> Nolan Larsen						<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>	
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b> PO Box 25, Myton, UT 84052						<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>	
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>			<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			<b>19. SLANT</b> VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>	
<b>20. LOCATION OF WELL</b>	<b>FOOTAGES</b>	<b>QTR-QTR</b>	<b>SECTION</b>	<b>TOWNSHIP</b>	<b>RANGE</b>	<b>MERIDIAN</b>	
<b>LOCATION AT SURFACE</b>	1776 FNL 641 FEL	SENE	16	4.0 S	1.0 W	U	
<b>Top of Uppermost Producing Zone</b>	1776 FNL 641 FEL	SENE	16	4.0 S	1.0 W	U	
<b>At Total Depth</b>	1776 FNL 641 FEL	SENE	16	4.0 S	1.0 W	U	
<b>21. COUNTY</b> DUCHESNE			<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 641			<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 40	
			<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 1376			<b>26. PROPOSED DEPTH</b> MD: 7350 TVD: 7350	
<b>27. ELEVATION - GROUND LEVEL</b> 5078			<b>28. BOND NUMBER</b> RLB0010462			<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 437478	
<b>ATTACHMENTS</b>							
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>							
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER				<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN			
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)				<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER			
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)				<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP			
<b>NAME</b> Mandie Crozier			<b>TITLE</b> Regulatory Tech			<b>PHONE</b> 435 646-4825	
<b>SIGNATURE</b>			<b>DATE</b> 10/28/2010			<b>EMAIL</b> mcrozier@newfield.com	
<b>API NUMBER ASSIGNED</b> 43013504520000			<b>APPROVAL</b>			 Permit Manager	

<b>Proposed Hole, Casing, and Cement</b>						
<b>String</b>	<b>Hole Size</b>	<b>Casing Size</b>	<b>Top (MD)</b>	<b>Bottom (MD)</b>		
Prod	7.875	5.5	0	7350		
<b>Pipe</b>	<b>Grade</b>	<b>Length</b>	<b>Weight</b>			
	Grade J-55 LT&C	7350	15.5			

<b>Proposed Hole, Casing, and Cement</b>						
<b>String</b>	<b>Hole Size</b>	<b>Casing Size</b>	<b>Top (MD)</b>	<b>Bottom (MD)</b>		
Surf	12.25	8.625	0	300		
<b>Pipe</b>	<b>Grade</b>	<b>Length</b>	<b>Weight</b>			
	Grade J-55 ST&C	300	24.0			

NEWFIELD PRODUCTION COMPANY  
UTE TRIBAL 8-16-4-1W  
SE/NE SECTION 16, T4S, R1W  
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' – 2,095'
Green River	2,095'
Wasatch	7,075'
<b>Proposed TD</b>	<b>7,350'</b>

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

Green River Formation (Oil)      2,095' – 7,075'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO <sub>3</sub> ) (mg/l)
Dissolved Bicarbonate (NaHCO <sub>3</sub> ) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO <sub>4</sub> ) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. **PROPOSED CASING PROGRAM**

a. **Casing Design: Ute Tribal 8-16-4-1W**

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	300'	24.0	J-55	STC	2,950	1,370	244,000
						17.53	14.35	33.89
Prod casing 5-1/2"	0'	7,350'	15.5	J-55	LTC	4,810	4,040	217,000
						2.06	1.73	1.90

Assumptions:

- 1) Surface casing max anticipated surface press (MASP) = Frac gradient – gas gradient
- 2) Prod casing MASP (production mode) = Pore pressure – gas gradient
- 3) All collapse calculations assume fully evacuated casing w/ gas gradient
- 4) All tension calculations assume air weight

Frac gradient at surface casing shoe = 13.0 ppg  
 Pore pressure at surface casing shoe = 8.33 ppg  
 Pore pressure at prod casing shoe = 8.33 ppg  
 Gas gradient = 0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. **Cementing Design: Ute Tribal 8-16-4-1W**

Job	Fill	Description	Sacks	OH Excess*	Weight (ppg)	Yield (ft <sup>3</sup> /sk)
			ft <sup>3</sup>			
Surface casing	300'	Class G w/ 2% CaCl	138	30%	15.8	1.17
			161			
Prod casing Lead	5,350'	Prem Lite II w/ 10% gel + 3% KCl	370 1205	30%	11.0	3.26
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363 451	30%	14.3	1.24

- \*Actual volume pumped will be 15% over the caliper log
- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

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

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

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

The operator's minimum specifications for pressure control equipment are as follows:  
The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **2M** system, and individual components shall be operable as designed. 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 @ 300' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +/- . A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

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

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

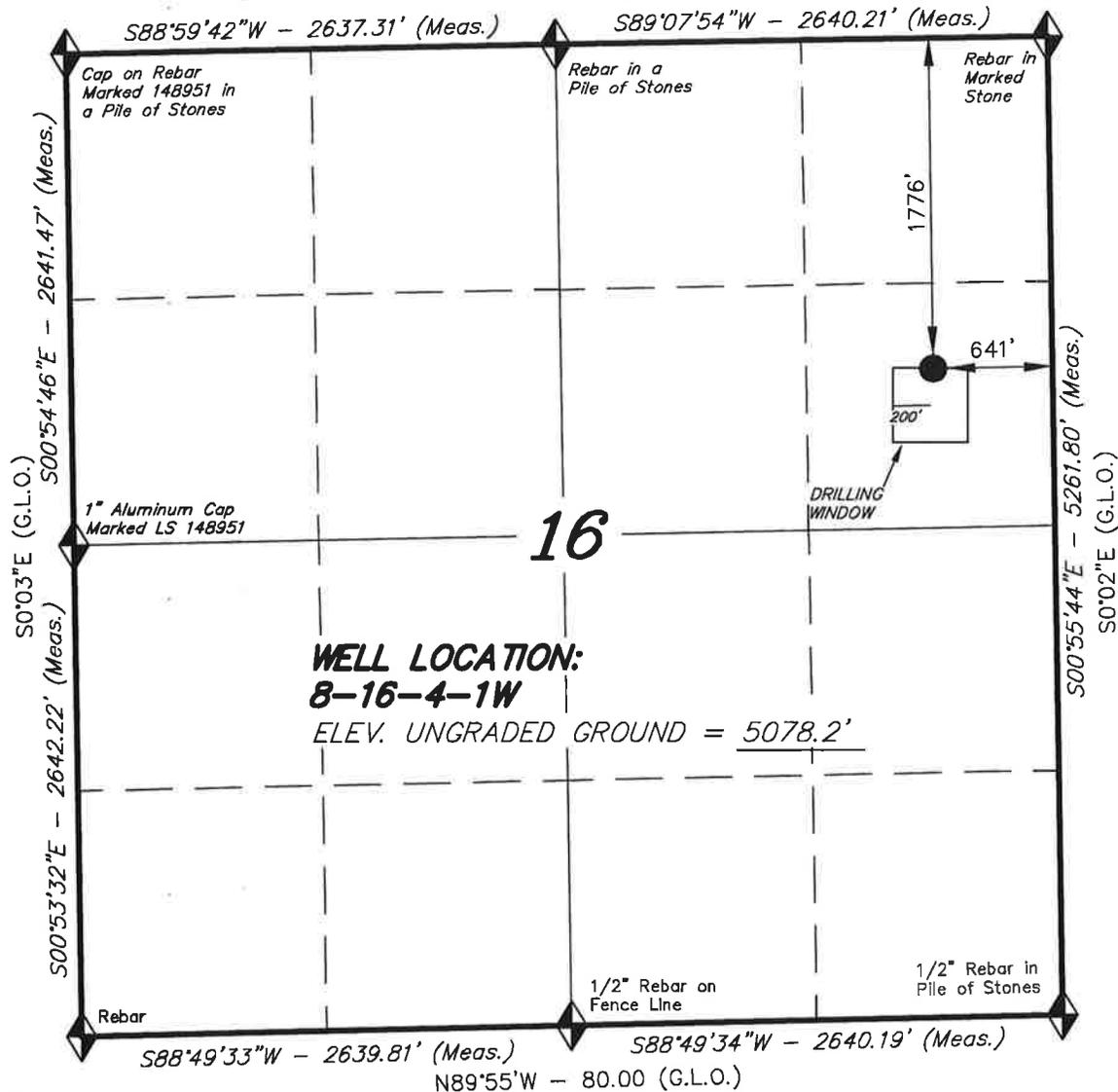
bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

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

It is anticipated that the drilling operations will commence the first quarter of 2011, and take approximately seven (7) days from spud to rig release.

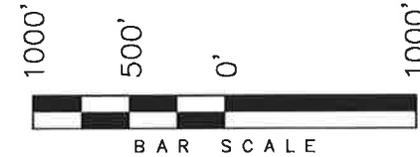
# T4S, R1W, U.S.B.&M.

N89°59'W - 80.12 (G.L.O.)



## NEWFIELD EXPLORATION COMPANY

WELL LOCATION, 8-16-4-1W, LOCATED AS SHOWN IN THE SE 1/4 NE 1/4 OF SECTION 16, T4S, R1W, U.S.B.&M. DUCHESNE COUNTY, UTAH.

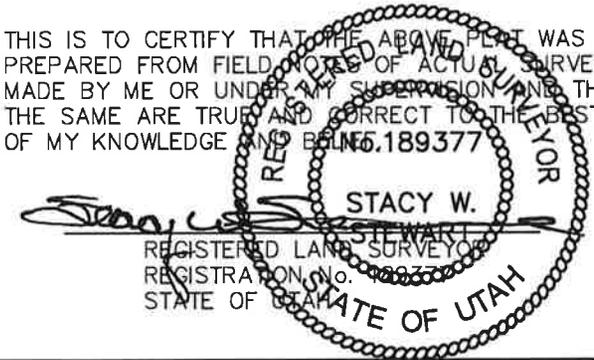


**NOTES:**

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



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



◆ = SECTION CORNERS LOCATED

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

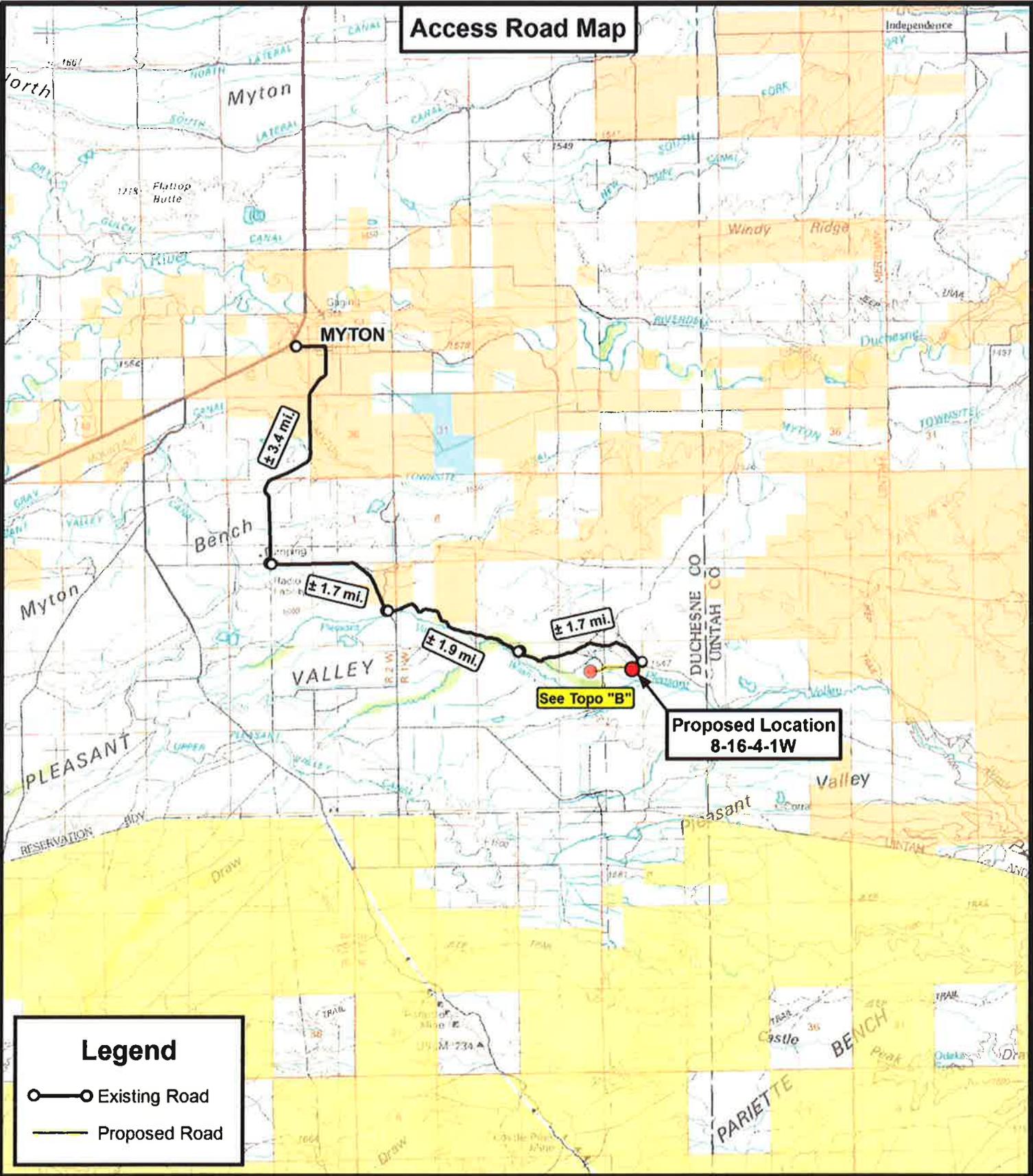
**8-16-4-1W**  
(Surface Location) NAD 83  
LATITUDE = 40° 08' 14.67"  
LONGITUDE = 109° 59' 39.51"

### TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 09-24-10	SURVEYED BY: C.D.S.
DATE DRAWN: 10-09-10	DRAWN BY: L.C.S.
REVISED:	SCALE: 1" = 1000'

# Access Road Map



**Legend**

- Existing Road
- Proposed Road



**Tri State  
Land Surveying, Inc.**

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

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



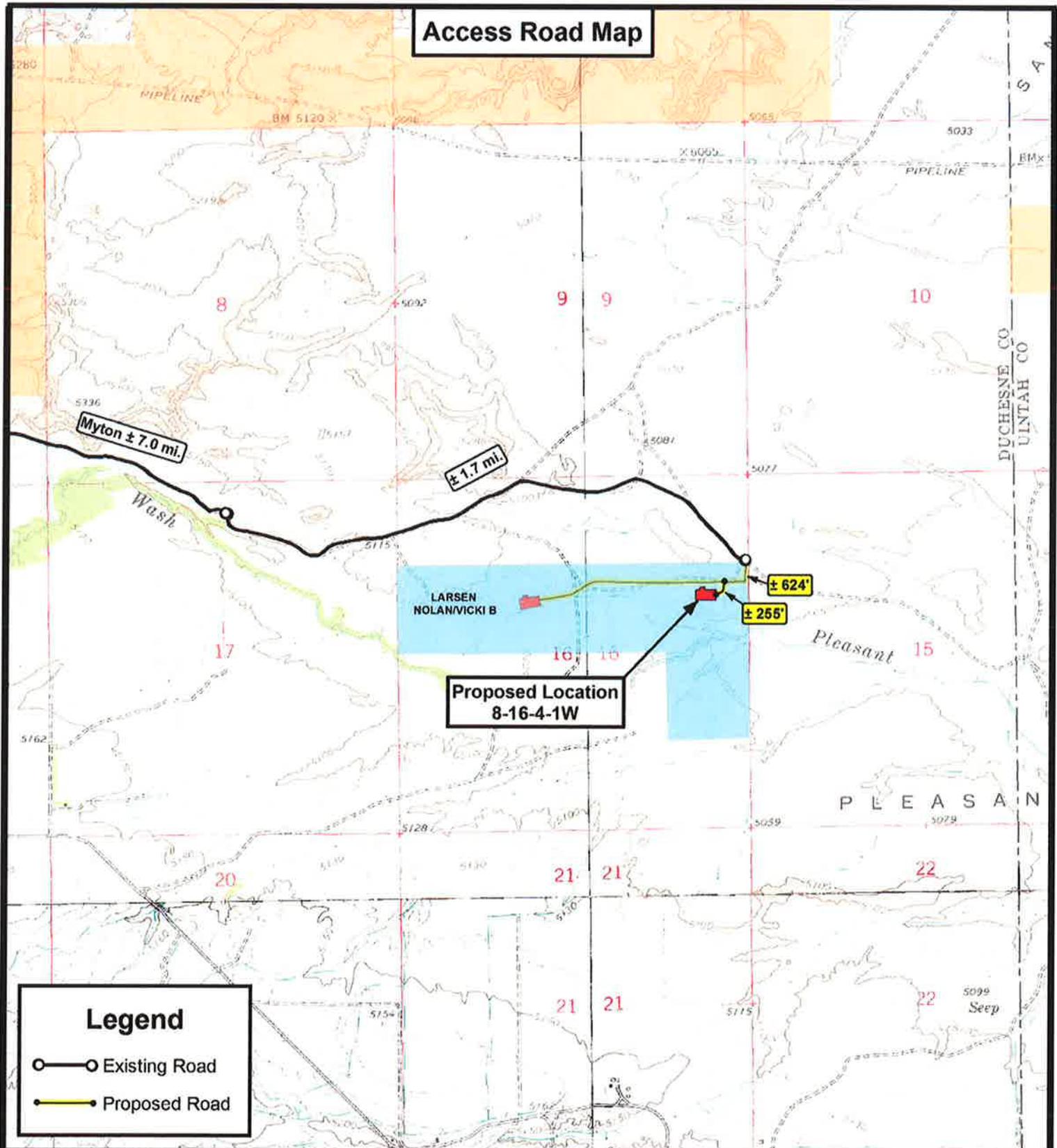
**NEWFIELD EXPLORATION COMPANY**

**8-16-4-1W  
SEC. 16, T4S, R1W, U.S.B.&M.  
Duchesne County, UT.**

DRAWN BY:	C.H.M
DATE:	10-11-2010
SCALE:	1:100,000

**TOPOGRAPHIC MAP**

SHEET  
**A**



**Legend**

- Existing Road
- Proposed Road

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

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



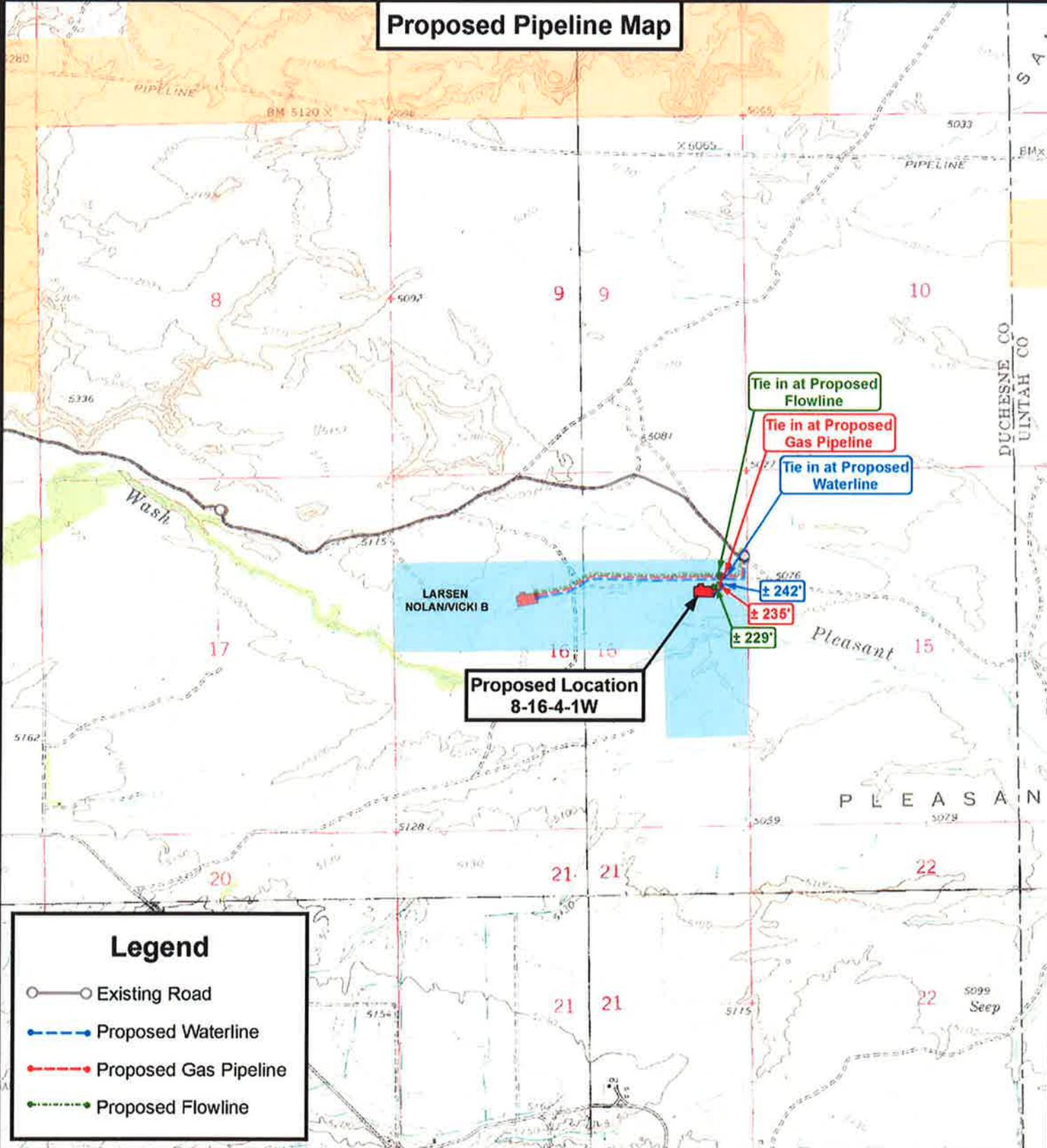
**NEWFIELD EXPLORATION COMPANY**  
 8-16-4-1W  
 SEC. 16, T4S, R1W, U.S.B.&M.  
 Duchesne County, UT.

DRAWN BY:	C.H.M
DATE:	10-11-2010
SCALE:	1" = 2,000'

**TOPOGRAPHIC MAP**

SHEET  
**B**

# Proposed Pipeline Map



**Legend**

- Existing Road
- Proposed Waterline
- Proposed Gas Pipeline
- Proposed Flowline

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



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

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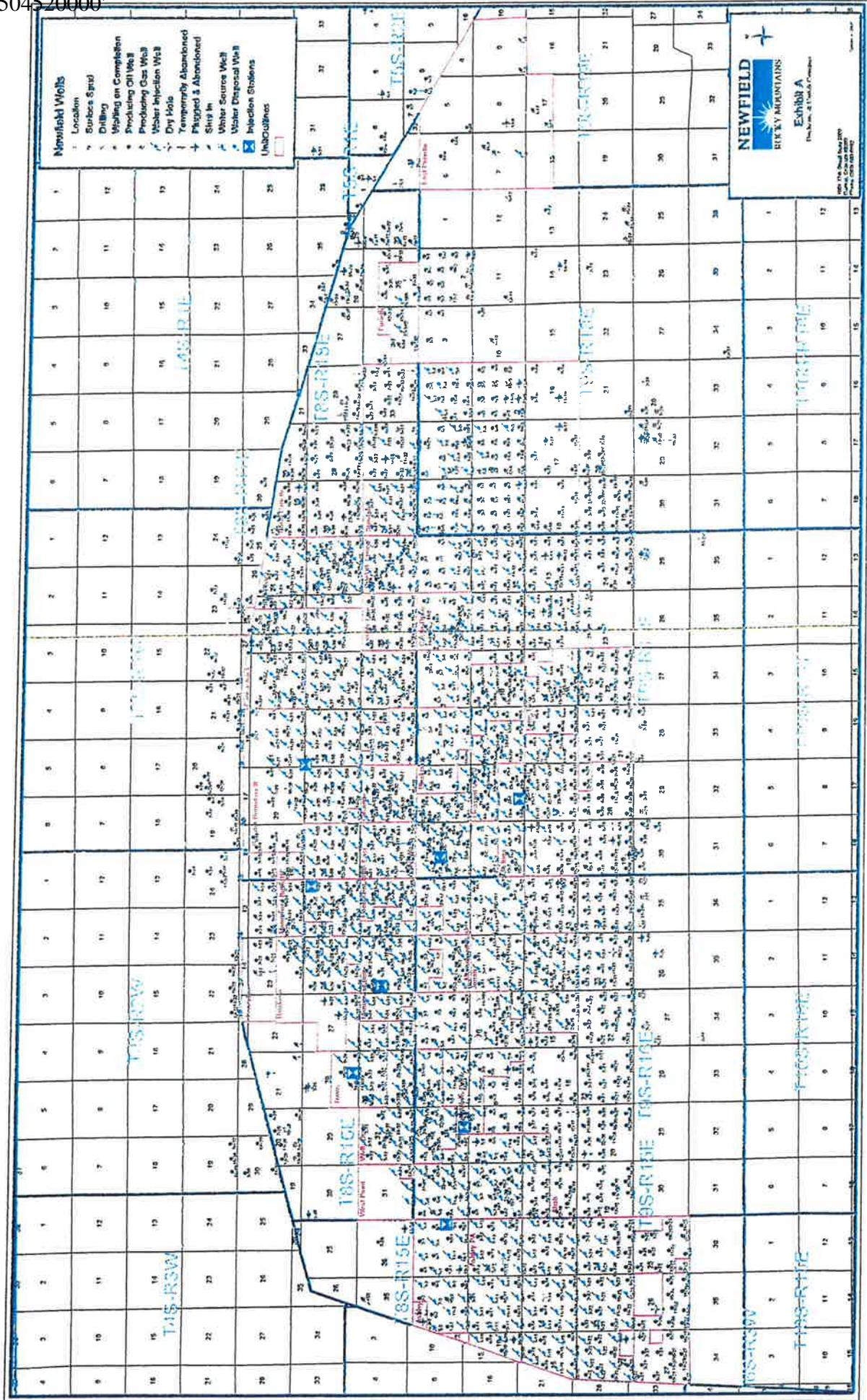
**NEWFIELD EXPLORATION COMPANY**

**8-16-4-1W**  
**SEC. 16, T4S, R1W, U.S.B.&M.**  
**Duchesne County, UT.**

DRAWN BY:	C.H.M.
DATE:	10-11-2010
SCALE:	1" = 2,000'

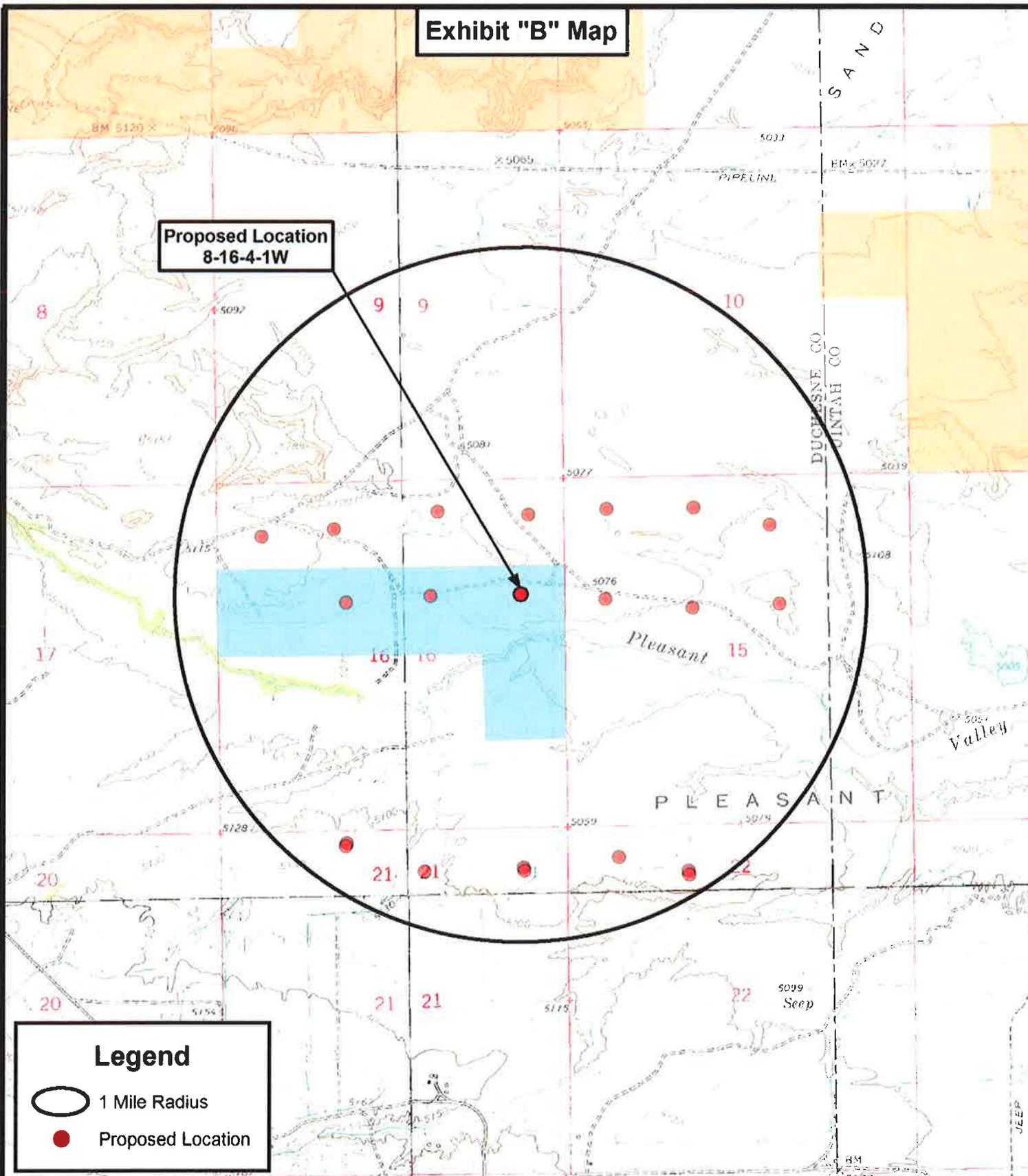
**TOPOGRAPHIC MAP**

SHEET **C**



**Exhibit "B" Map**

**Proposed Location  
8-16-4-1W**



**Legend**

- 1 Mile Radius
- Proposed Location

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

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

DRAWN BY:	C.H.M.
DATE:	10-11-2010
SCALE:	1" = 2,000'



**NEWFIELD EXPLORATION COMPANY**

**8-16-4-1W**  
**SEC. 16, T4S, R1W, U.S.B.&M.**  
**Duchesne County, UT.**

**TOPOGRAPHIC MAP**

SHEET **D**

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

This Easement, ROW and Surface Use Agreement applies only to those activities associated with but not limited to Newfield's constructing, using and maintaining access roads, locations for surface equipment, surface and subsurface gathering lines, pipelines and pipeline interconnections for wells drilled upon the Lands and neighboring Lands, after July 1, 2009 by and between, Nolan O. and Vicki Lynn Larsen, whose address is PO Box 25, Myton, Utah 84052, ("Surface Owner," whether one or more), and NEWFIELD PRODUCTION COMPANY, a Texas corporation ("NEWFIELD"), with offices at 1001 Seventeenth Street, Suite 2000, Denver, Colorado 80202, covering certain lands, (the "Lands") situated in Duchesne County, Utah described as follows:

Township 4 South, Range 1 West U.S.M.  
Section 15: SW/4NW/4, NW/4SW/4  
Section 16: S/2SW/4, N/2SW/4SE/4, NW/4SE/4,  
S/2N/2, NE/4SE/4  
Section 17: SE/4SE/4  
Section 19: Lots 1, 2, 3, E/2NW/4, NE/4SW/4  
Section 22: SW/4SW/4, E/2SW/4, W/2SE/4  
Section 30: Lot 3

Township 4 South, Range 2 West U.S.M.  
Section 11: SE/4NE/4  
Section 14: Lot 2  
Section 22: E/2NW/4, NW/4NE/4

Duchesne County, Utah

Being 1,083.06 acres, more or less, pertaining, but not limited to the following wells:

- |                                 |                                  |
|---------------------------------|----------------------------------|
| 5-15-4-1 (SWNW – Sec. 15)       | 5-19-4-1 (SWNW Lot 2 – Sec. 19)  |
| 12-15-4-1 (NWSW – Sec. 15)      | 6-19-4-1 (SENE – Sec. 19)        |
| 5-16-4-1 (SWNW – Sec. 16)       | 11-19-4-1 (NESW – Sec. 19)       |
| 6-16-4-1 (SENE – Sec. 16)       | 12-19-4-1 (NWSW Lot 3 – Sec. 19) |
| 7-16-4-1 (SWNE – Sec. 16)       | 10-22-4-1 (NWSE – Sec. 22)       |
| 8-16-4-1 (SENE – Sec. 16)       | 11-22-4-1 (NESW – Sec. 22)       |
| 9-16-4-1 (NESE – Sec. 16)       | 13-22-4-1 (SWSW – Sec. 22)       |
| 10-16-4-1 (NWSE – Sec. 16)      | 14-22-4-1 (SESW – Sec. 22)       |
| 13-16-4-1 (SWSW – Sec. 16)      | 15-22-4-1 (SWSE – Sec. 22)       |
| 14-16-4-1 (SESW – Sec. 16)      | 8-11-4-2 (SENE – Sec. 11)        |
| 15-16-4-1 (SWSE – Sec. 16)      | 14-14-4-2 (SESW Lot2 – Sec. 14)  |
| 16-17-4-1 (SESE – Sec. 17)      | 2-22-4-2 (NWNE – Sec. 22)        |
| 3-19-4-1 (NENW – Sec. 19)       | 3-22-4-2 (NENW – Sec. 22)        |
| 4-19-4-1 (NWNW Lot 1 – Sec. 19) | 6-22-4-2 (SENE – Sec. 22)        |

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

1. Compensation for Well: Release of All Claims

NEWFIELD shall pay to Surface Owner the sum as set forth in and according to the terms of that certain Letter Agreement for Easement, Right-of Way and Surface Use by and between Surface Owner and NEWFIELD, dated July 1<sup>st</sup>, 2009 as full payment and satisfaction for any and all detriment, depreciation, injury or damage of any nature to the Lands or growing crops thereon that may occur as a result of NEWFIELD's drilling or completion operations or its continuing activities for the production or transportation of oil, gas, or other hydrocarbons or products associated with the foregoing including, but not limited to, surface use, access, pipelines, gathering lines, pipeline interconnections, and any and all other reasonable or customary uses of land related to said operations or activities.

2. Grant of Right of Way and Easement

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

This Agreement shall be binding upon the respective heirs, executors, administrators, successors, and assigns of the undersigned. This agreement replaces and supersedes any and all prior agreements covering the lands described herein.

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

SURFACE OWNER

NEWFIELD PRODUCTION COMPANY

By: Nolan O. Larsen  
Nolan O. Larsen

By: Daniel W. Shewmake  
Daniel W. Shewmake  
Vice President - Development

By: Vicki Lynn Larsen  
Vicki Lynn Larsen

NEWFIELD PRODUCTION COMPANY

STATE OF UTAH )  
 )ss  
COUNTY OF Duchesne )

This instrument was acknowledged before me this 23rd day of November, 2009 by Nolan O. Larsen.

Witness my hand and official seal.

My commission expires 9/6/2013

[Signature]  
Notary Public



STATE OF UTAH )  
 )ss  
COUNTY OF Duchesne )

This instrument was acknowledged before me this 2nd day of November, 2009 by Vicki Lynn Larsen.

Witness my hand and official seal.

My commission expires 9/6/2013

[Signature]  
Notary Public



STATE OF COLORADO )  
 )ss  
COUNTY OF DENVER )

This instrument was acknowledged before me this December 2, 2009 by **Daniel W. Shewmake, as Vice President - Development of Newfield Production Company**, a Texas corporation, on behalf of the corporation.

Witness my hand and official seal.

My commission expires June 4, 2013

[Signature]  
Notary Public



**NEWFIELD PRODUCTION COMPANY  
UTE TRIBAL 8-16-4-1W  
SE/NE SECTION 16, T4S, R1W  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

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

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Newfield Production Company well location site Ute Tribal 8-16-4-1W located in the SE 1/4 NE 1/4 Section 16, T4S, R1W, Duchesne County, Utah:

Proceed in a southerly direction out of Myton, Utah - 3.4 miles  $\pm$  to it's junction with an existing road to the east; proceed in a southeasterly direction approximately 1.7 miles to it's junction with an existing road to the southeast; proceed in a southeasterly direction approximately 3.6 miles to it's junction with the beginning of the proposed access road to the south; proceed in a southwesterly direction approximately 879' to the proposed well location to the proposed well location.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal. Any necessary fill material for repair will be purchase and hauled from private sources.

**2. PLANNED ACCESS ROAD**

Approximately 879' of access road is proposed for the proposed well. See attached **Topographic Map "B"**.

The proposed access road will be an 20' crown road (10' 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 from nearest water source as determined by a Newfield representative for the purpose of drilling the above mentioned well. The available water sources are as follows:

Johnson Water District  
Water Right : 43-10136

Maurice Harvey Pond  
Water Right: 47-1358

Neil Moon Pond  
Water Right: 43-11787

Newfield Collector Well  
Water Right: 41-1817 (A30414DVA, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

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

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

A portable toilet will be provided for human waste.

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

8. **ANCILLARY FACILITIES**

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

9. **WELL SITE LAYOUT**

See attached Location Layout Sheet.

**Fencing Requirements**

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.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM specifications.

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

a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP** – Nolan and Vicki Larsen.  
See attached Memorandums of Surface Use Agreement and Easement ROW..

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological and Paleontological Reports will be forthcoming.

Newfield Production Company requests 879' of planned access road to be granted. **Refer to Topographic Map "B"**. Newfield Production Company requests 235' of surface gas line to be granted. Newfield Production Company requests 242' of buried water line to be granted.

It is proposed that the disturbed area will be 60' wide to allow for construction of the proposed access road, a 10" or smaller gas gathering line, a 4" poly fuel gas line, a buried 10" steel water injection line, a buried 3" poly water return line, and a and a 14" surface flow line. The planned access road will consist of a 20' permanent running surface (10' either side of the centerline) crowned and ditched in order to handle any run-off from any precipitation events that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be turnouts as needed along this road to allow for increases in potential traffic issues. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

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

In the event that the proposed well is converted to a water injection well, a Sundry Notice 3160-5 form will be applied for through the Bureau of Land Management field office.

- 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.

**Surface Flow Line**

Newfield requests 229' of surface flow line be granted. The Surface Flow Line will consist of up to a 14" bundled pipe consisting of 2-2" poly glycol lines and 1-3" production line. For all new wells, Newfield. **Refer to Topographic Map "D"** for the proposed location of the proposed flow line. Flow lines will be tan and will be constructed using the following procedures:

Clearing and Grading: No clearing or grading of the ROW will be required. The centerline of the proposed route will be staked prior to installation. Flow lines shall be placed as close to existing roads as possible without interfering with normal road travel or road maintenance activities. Due to the proximity of existing facilities, no temporary use or construction/storage areas are anticipated. If necessary, temporary use or construction/storage areas will be identified on a topographic map included in the approved permit.

Installation: The proposed flow lines will be installed 4-6" above the ground. For portions along existing two-track and primary access roads, lengths of pipe will be strung out in the borrow ditch, welded together, and rolled or dragged into place with heavy equipment. For pipelines that are installed cross-country (not along existing or proposed roads), travel along the lines will be infrequent and for maintenance needs only. No installation activities will be performed during periods when the soil is too wet to adequately support installation equipment. If such equipment creates ruts in excess of three (3) inches deep, the soil will be deemed too wet to adequately support the equipment.

Termination and Final Reclamation: After abandonment of the associated production facilities, the flow lines will be cut and removed, and any incidental surface disturbance reclaimed. Reclamation procedures will follow those outlined in the Ute Tribe Green River Development Program Standard Operating Practices (SOP).

#### **Water Disposal**

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

#### **Additional Surface Stipulations**

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

#### **Hazardous Material Declaration**

Newfield Production Company guarantees that during the drilling and completion of the Ute Tribal 8-16-4-1W, 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 Ute Tribal 8-16-4-1W, 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 as well as the Ute Tribe Energy and Mineral Department shall be notified upon site completion prior to moving on the drilling rig.

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

Representative

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

Certification

Please be advised that Newfield Production Company is considered to be the operator of well #8-16-4-1W, SE/NE Section 16, T4S, R1W, Duchesne County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage for this well is covered by the Bureau of Indian Affairs Bond #RLB0010462.

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.

10/28/10  
Date

  
Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

## 2-M SYSTEM

Blowout Prevention Equipment Systems

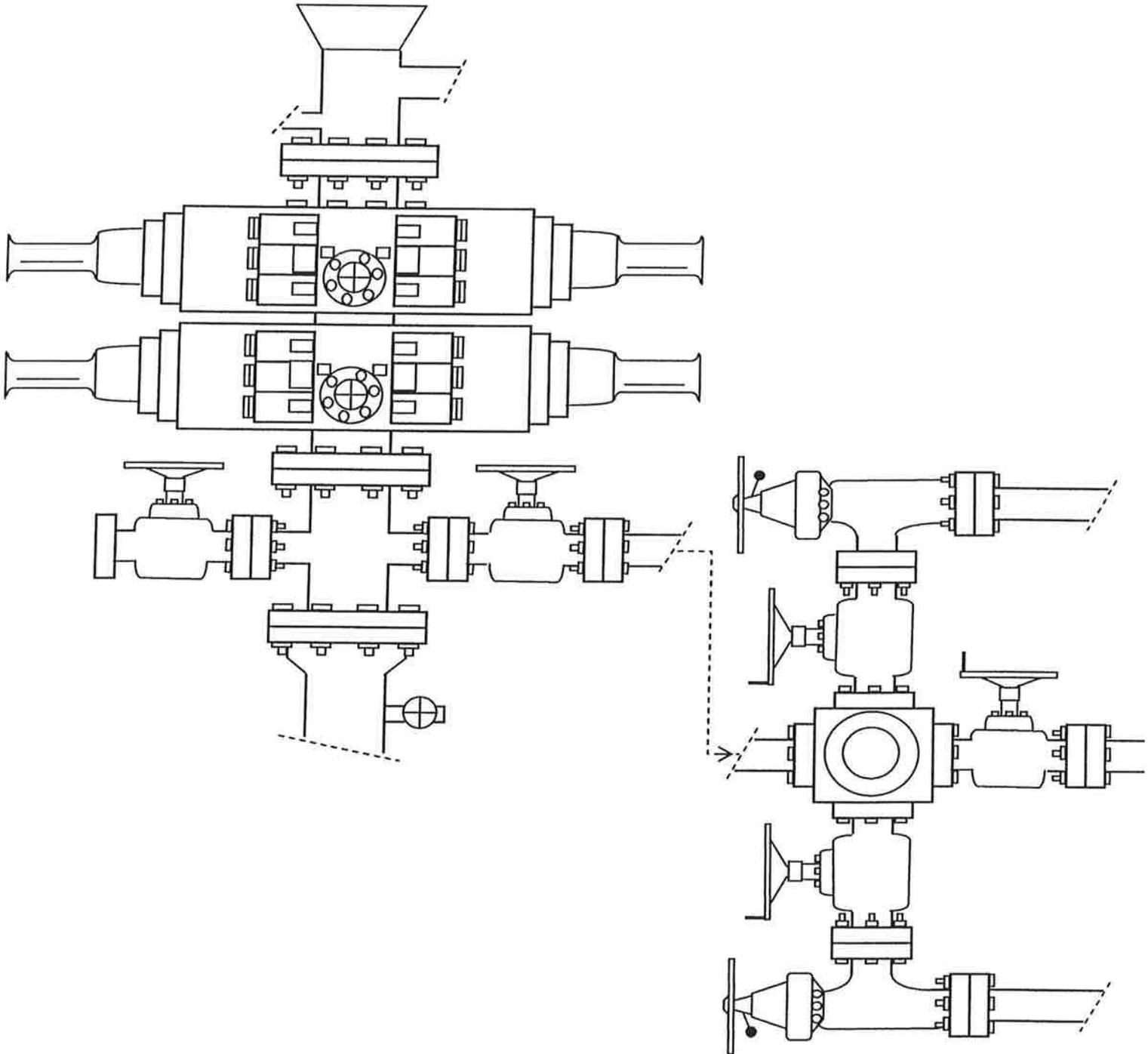
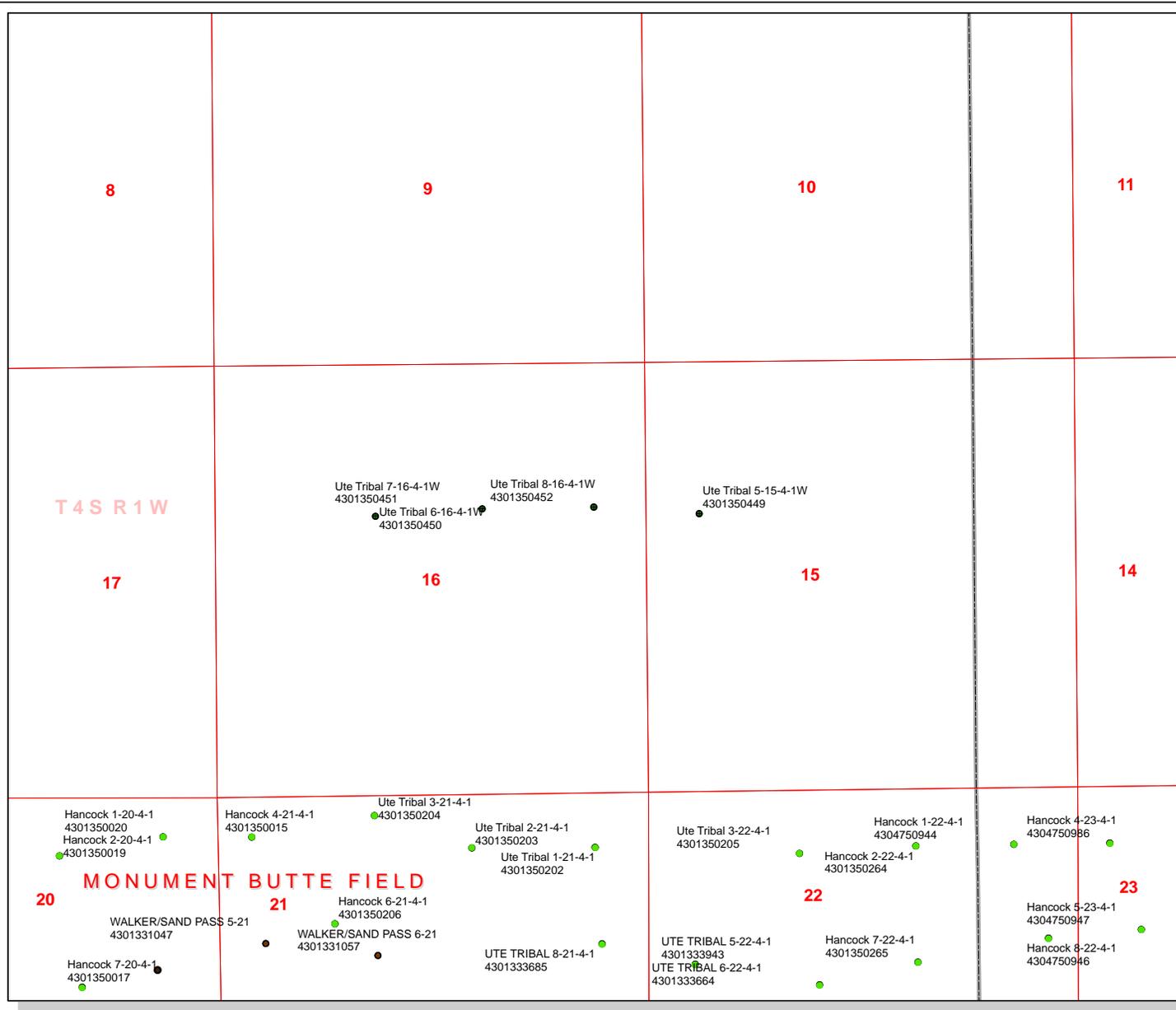
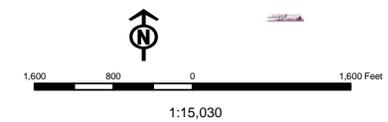


EXHIBIT C

**API Number: 4301350452**  
**Well Name: Ute Tribal 8-16-4-1W**  
**Township 04.0 S Range 01.0 W Section 16**  
**Meridian: UBM**  
 Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:  
 Map Produced by Diana Mason

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



# ON-SITE PREDRILL EVALUATION

## Utah Division of Oil, Gas and Mining

**Operator** NEWFIELD PRODUCTION COMPANY  
**Well Name** Ute Tribal 8-16-4-1W  
**API Number** 43013504520000      **APD No** 3100      **Field/Unit** UNDESIGNATED  
**Location: 1/4,1/4** SENE      **Sec** 16      **Tw** 4.0S      **Rng** 1.0W      1776      FNL 641      FEL  
**GPS Coord (UTM)**      **Surface Owner** Nolan Larsen

**Participants**

Floyd Bartlett (DOGM), Tim Eaton (Newfield Permitting), Christina Cimiluca, Suzanne Grayson and Janna Simonsen (BLM), Corie Miller (Tri-State Land Surveying), Nolan Larsen and Lane Larsen (Surface Owners).

**Regional/Local Setting & Topography**

The general location is approximately 8.7 road miles southeast of Myton, Duchesne County, UT in Pleasant Valley. Pleasant Valley Wash drains into the Pariette Draw drainage. 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 13 miles downstream from the location. Broad flats with those in lower Pleasant Valley frequently used for agriculture characterize the area. Flats are intersected by drainages with gentle to moderate side slopes. Access is by State, County and existing or planned oil field development roads. Approximately 879 feet of new road will be constructed crossing private land to reach the location.

The proposed Ute Tribal 8-16-4-1W oil well pad is located on a south sandy slope which leads away from a sandstone topped ridge to the north. The slope continues southerly to the bottom lands of Pleasant Valley Wash. This wash is about 175 yards away and contains riparian type vegetation. The location will be moved up to 180 feet to the west to miss future expansion of a pivot irrigation system which lies to the southeast. Terrain is similar in the proposed new site. The center stake will be kept within the northwest corner of the normal drilling window. The pad however will be oriented longitudinally to the slope to balance the cuts and fills. A new survey plat will be submitted. It will not be necessary to re-onsite the new location. No diversions will be needed in the re-located area. The selected site appears to be a good location for constructing a pad, drilling and operating a well.

Nolan Larsen owns the surface.

**Surface Use Plan**

**Current Surface Use**

- Grazing
- Agricultural
- Wildlfe Habitat

<b>New Road Miles</b>	<b>Well Pad</b>	<b>Src Const Material</b>	<b>Surface Formation</b>
879	<b>Width</b> 204 <b>Length</b> 305	Onsite	UNTA

**Ancillary Facilities** N

**Waste Management Plan Adequate?**

**Environmental Parameters**

**Affected Floodplains and/or Wetlands** N

**Flora / Fauna**

A desert shrub type vegetation covers the area. Principal plants include greasewood, broom snakeweed, curly mesquite grass, cheatgrass, halogeton, Indian ricegrass, globe mallow, buckwheat, aster, shadscale,

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

**Soil Type and Characteristics**

Deep sandy loam.

**Erosion Issues** N

**Sedimentation Issues** N

**Site Stability Issues** N

**Drainage Diversion Required?** N

**Berm Required?** Y

**Erosion Sedimentation Control Required?** N

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

**Reserve Pit**

**Site-Specific Factors**

**Site Ranking**

<b>Distance to Groundwater (feet)</b>	25 to 75	15
<b>Distance to Surface Water (feet)</b>	200 to 300	10
<b>Dist. Nearest Municipal Well (ft)</b>	>5280	0
<b>Distance to Other Wells (feet)</b>	300 to 1320	10
<b>Native Soil Type</b>	Mod permeability	10
<b>Fluid Type</b>	Fresh Water	5
<b>Drill Cuttings</b>	Normal Rock	0
<b>Annual Precipitation (inches)</b>		0
<b>Affected Populations</b>		
<b>Presence Nearby Utility Conduits</b>	Not Present	0
	<b>Final Score</b>	50

1 Sensitivity Level

**Characteristics / Requirements**

A reserve pit 40' x 80' x 8' deep will be located in an area of cut on the northeast side of the location. A 16-mil pit liner is required

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

**Other Observations / Comments**

Floyd Bartlett  
**Evaluator**

11/15/2010  
**Date / Time**

# Application for Permit to Drill

## Statement of Basis

11/18/2010

### Utah Division of Oil, Gas and Mining

Page 1

<b>APD No</b>	<b>API WellNo</b>	<b>Status</b>	<b>Well Type</b>	<b>Surf Owner</b>	<b>CBM</b>
3100	43013504520000	LOCKED	OW	P	No
<b>Operator</b>	NEWFIELD PRODUCTION COMPANY		<b>Surface Owner-APD</b>	Nolan Larsen	
<b>Well Name</b>	Ute Tribal 8-16-4-1W		<b>Unit</b>		
<b>Field</b>	UNDESIGNATED		<b>Type of Work</b>	DRILL	
<b>Location</b>	SENE 16 4S 1W U 1776 FNL 641 FEL GPS Coord (UTM) 585744E 4443286N				

### Geologic Statement of Basis

The mineral rights for the proposed well are owned by the Ute Tribe. The BLM will be the agency responsible for evaluating and approving the drilling, casing and cement programs.

Brad Hill  
APD Evaluator

11/17/2010  
Date / Time

### Surface Statement of Basis

The general location is approximately 8.7 road miles southeast of Myton, Duchesne County, UT in Pleasant Valley. Pleasant Valley Wash drains into the Pariette Draw drainage. 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 13 miles downstream from the location. Broad flats with those in lower Pleasant Valley frequently used for agriculture characterize the area. Flats are intersected by drainages with gentle to moderate side slopes. Access is by State, County and existing or planned oil field development roads. Approximately 879 feet of new road will be constructed crossing private land to reach the location.

The proposed Ute Tribal 8-16-4-1W oil well pad is located on a south sandy slope which leads away from a sandstone topped ridge to the north. The slope continues southerly to the bottom lands of Pleasant Valley Wash. This wash is about 175 yards away and contains riparian type vegetation. The location will be moved up to 180 feet to the west to miss future expansion of a pivot irrigation system which lies to the southeast. Terrain is similar in the proposed new site. The center stake will be kept within the northwest corner of the normal drilling window. The pad however will be oriented longitudinally to the slope to balance the cuts and fills. A new survey plat will be submitted. It will not be necessary to re-onsite the new location. No diversions will be needed in the re-located area. The selected site appears to be a good location for constructing a pad, drilling and operating a well.

Nolan Larsen owns the surface. He and his and his son Lane attended the pre-site visit and requested the location change. The minerals are owned by the United States Government and held in trust for the Ute Indian Tribe. Ms. Christina Cimuluca, Ms. Suzanne Grayson and Ms. Janna Simonsen of the BLM all attended the preside visit. They agreed with the proposed move and had no other concerns regarding the selected area. A signed landowner agreement exists.

Floyd Bartlett  
Onsite Evaluator

11/15/2010  
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 well site shall be bermed to prevent fluids from leaving the pad.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

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**Application for Permit to Drill  
Statement of Basis**

11/18/2010

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

Page 2

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**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

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**APD RECEIVED:** 10/28/2010

**API NO. ASSIGNED:** 43013504520000

**WELL NAME:** Ute Tribal 8-16-4-1W

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

**PHONE NUMBER:** 435 646-4825

**CONTACT:** Mandie Crozier

**PROPOSED LOCATION:** SENE 16 040S 010W

**Permit Tech Review:**

**SURFACE:** 1776 FNL 0641 FEL

**Engineering Review:**

**BOTTOM:** 1776 FNL 0641 FEL

**Geology Review:**

**COUNTY:** DUCHESNE

**LATITUDE:** 40.13743

**LONGITUDE:** -109.99351

**UTM SURF EASTINGS:** 585744.00

**NORTHINGS:** 4443286.00

**FIELD NAME:** UNDESIGNATED

**LEASE TYPE:** 2 - Indian

**LEASE NUMBER:** 20G0005609

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

**SURFACE OWNER:** 4 - Fee

**COALBED METHANE:** NO

---

**RECEIVED AND/OR REVIEWED:**

- PLAT
- Bond: INDIAN - RLBO010462
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 437478
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

**Commingle Approved**

**LOCATION AND SITING:**

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

**Comments:** Presite Completed

**Stipulations:** 4 - Federal Approval - dmason  
5 - Statement of Basis - bhll  
23 - Spacing - dmason



GARY R. HERBERT  
*Governor*

GREGORY S. BELL  
*Lieutenant Governor*

## State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

### Permit To Drill

\*\*\*\*\*

**Well Name:** Ute Tribal 8-16-4-1W  
**API Well Number:** 43013504520000  
**Lease Number:** 2OG0005609  
**Surface Owner:** FEE (PRIVATE)  
**Approval Date:** 11/18/2010

**Issued to:**

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

**Authority:**

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

**Duration:**

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

**General:**

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

**Conditions of Approval:**

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

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

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

**Notification Requirements:**

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

drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <https://oilgas.ogm.utah.gov>

**Reporting Requirements:**

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

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

**Approved By:**

A handwritten signature in black ink, appearing to read "John Rogers", written over a faint, illegible stamp or background.

For John Rogers  
Associate Director, Oil & Gas

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**APPLICATION FOR PERMIT TO DRILL OR REENTER**

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. 2OG0005609
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name UTE
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. NA
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Ute Tribal 8-16-4-1W
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SE/NE 1776' FNL 641' FEL At proposed prod. zone		9. API Well No. 43 013 50452
14. Distance in miles and direction from nearest town or post office* Approximately 8.9 miles southeast of Myton, UT		10. Field and Pool, or Exploratory Undesignated
15. Distance from proposed* location to nearest property or lease line, ft. Approx. 641' f/lse, NA' f/unit (Also to nearest drig. unit line, if any)		11. Sec., T. R. M. or Blk. and Survey or Area Sec. 16, T4S R1W
16. No. of acres in lease NA		12. County or Parish Duchesne
17. Spacing Unit dedicated to this well 40 Acres		13. State UT
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1376'		20. BLM/BIA Bond No. on file RLB0010462
19. Proposed Depth 7,350'		21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5078' GL
22. Approximate date work will start* 1st Oct. 2011		23. Estimated duration (7) days from SPUD to rig release
24. Attachments		

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, must be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the BLM.

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 10/28/10
Title Regulatory Specialist		

Approved by (Signature) 	Name (Printed/Typed) Jerry Kenczka	Date FEB 14 2011
Title Assistant Field Manager Lands & Mineral Resources		
Office VERNAL FIELD OFFICE		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

**CONDITIONS OF APPROVAL ATTACHED**

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

(Continued on page 2)

\*(Instructions on page 2)



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NOV 01 2010

BLM VERNAL, UT

NOTICE OF APPROVAL  
RECEIVED

FEB 17 2011

DIV. OF OIL, GAS & MINING



**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE**

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

<b>Company:</b>	<b>Newfield Production Company</b>	<b>Location:</b>	<b>SENE, Sec. 16, T4S, R1W</b>
<b>Well No:</b>	<b>Ute Tribal 8-16-4-1W</b>	<b>Lease No:</b>	<b>2OG0005609</b>
<b>API No:</b>	<b>43-013-50452</b>	<b>Agreement:</b>	<b>N/A</b>

**OFFICE NUMBER: (435) 781-4400  
OFFICE FAX NUMBER: (435) 781-3420**

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Construction Activity (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	- The Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist shall be notified at least 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	- Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion. Notify the BLM Environmental Scientist prior to moving on the drilling rig.
Spud Notice (Notify BLM Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings to: <a href="mailto:ut_vn_opreport@blm.gov">ut_vn_opreport@blm.gov</a> .
BOP & Related Equipment Tests (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify BLM Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

**CONDITIONS OF APPROVAL:**

- A synthetic liner with a minimum thickness of 16 mils with a felt sub-liner shall be installed and maintained in the reserve pit.
- Any deviation from submitted APD's and ROW applications the operator will notify the BLM in writing and will receive written authorization of any such change with appropriate authorization.
- All operator employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations shall be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All permanent surface equipment (meaning on site for six months or longer) will be painted Covert Green to match the surrounding landscape color unless otherwise authorized. This will include all facilities except those required to comply with Occupational Safety and Health Act (OSHA) regulations.
- Reclamation will be completed in accordance with the re-contouring and reseeding procedures outlined in the Newfield Exploration Company Castle Peak and Eight Mile Flat Reclamation Plan on file with the Vernal Field Office of the BLM, unless otherwise specified by the private surface owner.

***DOWNHOLE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

**SITE SPECIFIC DOWNHOLE COAs:**

- Newfield Production Co. shall comply with all applicable requirements in the SOP (version: "Ute Tribal Green River Development Program", April 17, 2008). The operator shall also comply with applicable laws and regulations; with lease terms, Onshore Oil and Gas Orders, NTL's; and with other orders and instructions of the authorized officer.

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Wellogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or work-over program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at [www.ONRR.gov](http://www.ONRR.gov).
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or work-over equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

Spud  
BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross 29 Submitted By  
Cheyenne Bateman Phone Number 435-823-2419  
Well Name/Number Ute Tribal 8-16-4-1W  
Qtr/Qtr SE/NE Section 16 Township 4S Range 1W  
Lease Serial Number 2OG0005609  
API Number 43-013-50452

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

Date/Time 3/18/2011      10:00 AM  PM

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

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

Date/Time 3/18/2011      4:00PM 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 \_\_\_\_\_

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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

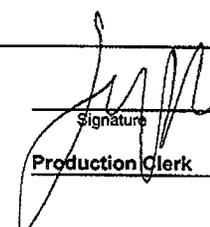
OPERATOR ACCT. NO. N2695

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	4301350150	FEDERAL 16-29-8-16	SESE	29	8S	16E	DUCHESNE	3/11/2011	3/28/11
WELL 1 COMMENTS: GRRV											
B	99999	17400	4301350250	GREATER MON BUTTE M-1-9-16	NESW	1	9S	16E	DUCHESNE	3/12/2011	3/28/11
GRRV BHL = SWNE											
B	99999	17400	4301350242	GREATER MON BUTTE 14-14T-9-15H	SESW	14	9S	15E	DUCHESNE	3/15/2011	3/28/11
GRRV BHL = NENE											
A	99999	17985	4301350452	UTE TRIBAL 8-16-4-1W	SENE	16	4S	1W	DUCHESNE	3/18/2011	3/28/11
GRRV											
A	99999	17986	4301350181	UTE TRIBAL 11-2-4-4	NESW	2	4S	4W	DUCHESNE	3/22/2011	3/28/11
WSTC											
A	99999	17987	4304751307	UTE TRIBAL 5-3-4-1E	SWNW	3	4S	1E	UINTAH	3/22/2011	3/28/11
GRRV											

**CONFIDENTIAL**

- ACTION CODES (See instructions on back of form)
- A - 1 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)

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MAR 23 2011

  
Signature  
Production Clerk

Jentri Park

03/23/11

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

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. MON BUTTE EDA 20G0005609
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include area code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SENE Section 16 T4S R1W <b>1776 FNL 0641 FEL</b>		8. Well Name and No. UTE TRIBAL 8-16-4-1W
		9. API Well No. 4301350452
		10. Field and Pool, or Exploratory Area MYTON-TRIBAL EDA
		11. County or Parish, State DUCHESNE, UT

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

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

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

On 3/18/11 MIRU Ross #29. Spud well @9:00 AM. Drill 310' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24# csgn. Set @ 297.57'. On 3/21/11 cement with 160 sks of class "G" w/ 2% CaCL2 + 0.25#/sk Cello- Flake Mixed @ 15.8ppg w/ 1.17ft3/sk yield. Returned 2 barrels cement to pit. WOC.

**RECEIVED**

**APR 18 2011**

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

I hereby certify that the foregoing is true and correct (Printed/ Typed) Chevenne Bateman	Title
Signature 	Date 03/21/2011

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by .....	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

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

**Daily Activity Report****Format For Sundry****UTE TRIBAL 8-16-4-1W****12/1/2010 To 6/30/2011****UTE TRIBAL 8-16-4-1W****Waiting on Cement****Date:** 3/21/2011

Ross #29 at 310. Days Since Spud - On 3/18/11 Ross #29 spud and drilled 310' of 12 1/4" hole, P/U and run 7 jts of 8 5/8" casing set - @ 309.89'KB. On 3/21/11 cement w/BJ w/160 sks of class G+2%kcl+.25#CF mixed @ 15.8ppg and 1.17 - yield. Returned 2bbls to pit, bump plug to 580 psi, BLM and State were notified of spud via email.

**Daily Cost:** \$0**Cumulative Cost:** \$73,704

---

**UTE TRIBAL 8-16-4-1W****Rigging down****Date:** 4/10/2011

NDSI #2 at 310. 0 Days Since Spud - rig down and prepare for rig move

**Daily Cost:** \$0**Cumulative Cost:** \$74,054

---

**UTE TRIBAL 8-16-4-1W****Drill 7 7/8" hole with fresh water****Date:** 4/11/2011

NDSI #2 at 1754. 1 Days Since Spud - No H2S or flow in last 24 hours - Drill 7 7/8" hole F/ 270' to 1754' w/ 18K WOB,TRPM-175,GPM-375,Avg ROP-148 ft/hr - Pick up bit,mud motor,directional tools ,drill collars and tag @ 270' - Rig up B&C test Kelly,pipe & blinds, choke to 2000#/10 min and casing to 1500#/30 min - Move rig 19 miles, set equipment and rig up. - Work on light plant, (lights going off)

**Daily Cost:** \$0**Cumulative Cost:** \$96,133

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**UTE TRIBAL 8-16-4-1W****Drill 7 7/8" hole with fresh water****Date:** 4/12/2011

NDSI #2 at 4003. 2 Days Since Spud - rig service, check crownomatic and BOP - Drill 7 7/8" hole F/ 1754 to 2515 w/ 18K WOB,TRPM-175,GPM-375,Avg ROP-127 ft/hr - Drill 7 7/8" hole F/2515 to4003 w/ 18K WOB,TRPM-175,GPM-375,Avg ROP-85 ft/hr

**Daily Cost:** \$0**Cumulative Cost:** \$125,415

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**Pertinent Files: [Go to File List](#)**

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
MON BUTTE EDA 20G0005609

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

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

8. WELL NAME and NUMBER:  
UTE TRIBAL 8-16-4-1W

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301350452

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

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

4. LOCATION OF WELL: FOOTAGES AT SURFACE: COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENE, 16, T4S, R1W 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 (Submit in Duplicate)  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 (Submit Original Form Only)  Date of Work Completion:  <u>05/26/2011</u>	<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 5/26/2011, attached is a daily completion status report.

**RECEIVED**  
**JUN 15 2011**  
**DIV. OF OIL, GAS & MINING**

NAME (PLEASE PRINT) Jennifer Peatross TITLE Production Technician  
SIGNATURE *Jennifer Peatross* DATE 06/01/2011

## Daily Activity Report

Format For Sundry

**UTE TRIBAL 8-16-4-1W**

**3/1/2011 To 7/30/2011**

**5/16/2011 Day: 1**

**Completion**

Rigless on 5/16/2011 - Run CBL & shoot first stage. - NU 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 7264' cement top @ 0'. Perforate Wasatch S as shown in perforation report. 174 BWTR. SWIFN.

**Daily Cost:** \$0

**Cumulative Cost:** \$13,981

**5/19/2011 Day: 2**

**Completion**

Rigless on 5/19/2011 - Rigged up BJ Services and fraced Stage 1. Rigged up Extreme Wireline, set CFTP, and perforated CP4 sands for Stage 2. SWIFN. - RU BJ Services for Stage 1. Frac Wasatch sands with 57,762 lbs of white 20/40 sand. Leave pressure on well. 966 BWTR. - RU BJ Services and Extreme Wireline for Stage 4. Perforate LODC sands as shown in perforation report. Rig down Extreme Wireline and frac LODC sands with 25,341 lbs of white 20/40 sand. Screened out with 47 bbls left to flush. Opened well for immediate flowback with 30/64 choke at 3 bpm. Well flowed for 1 hour. SWIFN with 1835 BWTR. Shut down job to take blender over to GMB 14-14-T-9-15H frac. - RU BJ Services and Extreme Wireline for Stage 4. Perforate LODC sands as shown in perforation report. Rig down Extreme Wireline and frac LODC sands with 25,341 lbs of white 20/40 sand. Screened out with 47 bbls left to flush. Opened well for immediate flowback with 30/64 choke at 3 bpm. Well flowed for 1 hour. SWIFN with 1835 BWTR. Shut down job to take blender over to GMB 14-14-T-9-15H frac. - RU BJ Services and Extreme Wireline for Stage 3. Perforate CP2 and CP1 sands as shown in perforation report. Rig down Extreme Wireline and frac CP2 and CP1 sands with 64,003 lbs of white 20/40 sand. Leave pressure on well. 2015 BWTR. - RU BJ Services and Extreme Wireline for Stage 3. Perforate CP2 and CP1 sands as shown in perforation report. Rig down Extreme Wireline and frac CP2 and CP1 sands with 64,003 lbs of white 20/40 sand. Leave pressure on well. 2015 BWTR. - RU BJ Services for Stage 2. Frac CP4 sands with 43,380 lbs of white 20/40 sand. Leave pressure on well. 1440 BWTR. - RU BJ Services for Stage 2. Frac CP4 sands with 43,380 lbs of white 20/40 sand. Leave pressure on well. 1440 BWTR. - RU Extreme Wireline for Stage 2. Perforate CP4 sands as shown in perforation report. SWIFN with 966 BWTR. - RU BJ Services for Stage 1. Frac Wasatch sands with 57,762 lbs of white 20/40 sand. Leave pressure on well. 966 BWTR. - RU Extreme Wireline for Stage 2. Perforate CP4 sands as shown in perforation report. SWIFN with 966 BWTR.

**Daily Cost:** \$0

**Cumulative Cost:** \$22,341

**5/20/2011 Day: 4**

**Completion**

WWS #3 on 5/20/2011 - Fraced and perforated Stages 5 & 6 with BJ Services and Extreme Wireline. Began flowback on 20/64 choke at 3 BPM. Well flowed for 2.5 hours and died. Moved in WWS #3 and SWIFN. - Begin flowback on 20/64 choke at 3 BPM. Well flowed for 2.5 hours and died. Recovered 450 bbls of fluid. SIWFN with 2417 BWTR. Move in WWS #3. - RU BJ Services and Extreme Wireline for Stage 6. Perforate GB4 sands as shown in perforation report. Rig down Extreme Wireline and frac GB4 sands with 28,668 lbs of white 20/40 sand. Leave pressure on well. 2867 BWTR. - RU BJ Services and Extreme Wireline for Stage 5. Perforate C sands as shown in perforation report. Rig down Extreme Wireline and frac C sands

with 73,583 lbs of white 20/40 sand. Leave pressure on well. 2539 BWTR.

**Daily Cost:** \$0

**Cumulative Cost:** \$181,726

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**5/24/2011 Day: 5**

**Completion**

WWS #3 on 5/24/2011 - Bled down well and bull headed 20 bbls of water. Nippled down Cameron BOPs and nipped up 5000 lb BOPs. Rigged up work floor and tubing equipment. Picked up used 4-3/4" chomp bit and tubing and drilled out 4 plugs. SWIFN. - Run into hole with tubing, tag plug at 6810', and drill out plug in 18 minutes. Circulate well clean and SWIFN at 6 pm with 2157 BWTR. End of tubing at 6833'. - Crew travel and safety meeting on nipping up BOPs. Pressure on casing at 460 psi. Bleed down well and bull head 20 bbls of water. Nipple down Cameron BOPs and nipple up 5000 lb BOPs. Rig up work floor and tubing equipment. Pick up and talley used 4-3/4" chomp bit and tubing. Run into hole with tubing, tag fill at 5343', clean out 67' of fill to plug at 5410', and drill out plug in 19 minutes. Run into hole with tubing, tag fill at 6052', clean out 78' of fill to plug at 6130', and drill out plug in 17 minutes. Circulate well for 2 hours until clean of sand. Run into hole with tubing, tag plug at 6600', and drill out plug in 18 minutes.

**Daily Cost:** \$0

**Cumulative Cost:** \$188,961

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**5/25/2011 Day: 6**

**Completion**

WWS #3 on 5/25/2011 - Drilled out last plug and cleaned out to PBTD. Rigged up swab equipment and made 4 swab runs. Well started to flow and flowed back 210 bbls in 3.5 hours with no sand and traces of oil. SWIFN. - Crew travel and safety meeting on bleeding down the well. Pressure on casing at 650 psi and pressure on tubing at 600 psi. Bleed down well to production tanks. Circulate well to production tank. Run into hole with tubing, tag plug at 6950', and drill out plug in 17 minutes. Run into hole with tubing, tag fill at 7225', clean out 106' of fill to PBTD at 7331', and circulate well clean. Rack out drilling equipment and lay down 3 joints of tubing to place end of tubing at 4251'. Rig up swab equipment and make 4 swab runs. Well started to flow and flowed back 210 bbls in 3.5 hours with no sand and traces of oil. SWIFN at 3:30 pm with 1947 BWTR.

**Daily Cost:** \$0

**Cumulative Cost:** \$238,683

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**5/26/2011 Day: 7**

**Completion**

WWS #3 on 5/26/2011 - Circulated well clean, filled hole with brine, and TOOH with tubing to lay down chomp bit. Tripped into hole with production tubing and rods. PWOP at 6:30 pm with 120" stroke length and 5 spm on 5/25/11. - Crew travel and safety meeting on setting the tubing anchor. Pressure on casing at 450 psi and pressure on tubing at 590 psi. Pump 35 bbls down tubing. Run into hole to PBTD at 7331' and circulate well with 250 bbls of brine. No new fill. Lay down extra tubing and trip out of hole with 158 joints. Wait on hot oiler and pump 35 bbls down casing at 200 degF. Continue to trip out of well with tubing and lay down chomp bit. Pick up and trip into hole with BHA and tubing as follows: bull plug, (3) joints 2-7/8" tubing, PBGA, (1) joint 2-7/8" tubing, PSN, (1) joint 2-7/8" tubing, TAC, and (222) joints 2-7/8" tubing. Nipple down BOPs and set TAC with 18,000 lbs of tension. - Land tubing to place TAC at 6964.27', PSN at 6998.75', and EOT at 7132.10'. Nipple up B-1 adaptor flange and cross-over to rod equipment. Flush tubing with 60 bbls. Pick up and prime Central Hydraulic 25-150-RHAC-20-4-21-24 pump with 230" max stroke length. Pick up and run into hole with rods as follows: (1) 1" x 4' stabilizer bar, (6) 1-1/2" weight bars, (165) 3/4" 4per guided rods, (108) 7/8" 4per guided rods, (1) 7/8" x 8' pony rod, (1) 7/8" x 4' pony rod, (1) 7/8" x 2' pony

rod, and (1) 1-1/2" x 26' polish rod. Seat pump, rig up pumping unit, and hang off rods with hole full. Stroke pumping unit to 800 psi. Pump tested good. PWOP at 6:30 pm with 120" stroke length and 5 spm. RDMO with 1947 BWTR. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$278,855

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**Pertinent Files:** Go to File List

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

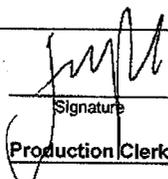
OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
E	17989	17989	4304751309	UTE TRIBAL 13-3-4-1E	SWSW	3	4S	1E	UINTAH	3/23/2011	5/5/11
WELL 1 COMMENTS: <u>Change formation to GR-WS</u>											
<u>7/20/11</u>											
E	17985	17985	4301350452	UTE TRIBAL 8-16-4-1W	SWNE	16	4S	1W	DUCHESNE	6/22/2011	5/25/11
Change formation to GR-WS											
<i>note corrected location - ER</i>											
<u>7/20/11</u>											
E	18019	18019	4304751294	UTE TRIBAL 7-11-4-1E	SWNE	11	4S	1E	UINTAH	4/12/2011	6/3/11
Change formation to GR-WS											
<u>7/20/11</u>											

- ACTION CODES (See instructions on back of form)
- A - 1 new entity for new well (single well only)
  - B - 1 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  
JUL 20 2011

  
Signature  
Jentri Park  
Production Clerk  
07/20/11

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. 20G0005609

6. If Indian, Allottee or Tribe Name UTE

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. Ute Tribal 8-16-4-1W

9. AFI Well No. 43-013-50452

10. Field and Pool or Exploratory

11. Sec., T., R., M., on Block and Survey or Area SEC. 16, T4S, R1W

12. County or Parish DUCHESNE

13. State UT

14. Date Spudded 03/18/2011

15. Date T.D. Reached 04/15/2011

16. Date Completed 05/25/2011  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\* 5078' GL 5090' KB

18. Total Depth: MD 7385'  
TVD

19. Plug Back T.D.: MD 7331'  
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)

2. Name of Operator NEWFIELD EXPLORATION COMPANY

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

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface 1776' FNL & 641' FEL (SE/NE) SEC. 16, T4S, R1W  
At top prod. interval reported below  
At total depth 7385'

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	310'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	7374'		290 PRIMLITE		0' (Surface)	
						425 50/50 POZ			

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Wasatch	7187'	7218'	7187-7218'	.36"	21	
B) Green River	5300'	6872'	5300-6872'	.34"	144	
C)						
D)						

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
5/26/11	6/7/11	24	→	108	42	31			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

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	

Depth Interval	Amount and Type of Material
5300-7218'	Frac w/ 292737#s 20/40 white sand in 2189 bbls of Lightning 17 fluid in 6 stages

28. Production - Interval A

28a. Production - Interval B

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

**RECEIVED**  
**JUN 30 2011**  
DIV. OF OIL, GAS & MINING

28b. Production - Interval C

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

28c. Production - Interval D

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

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

SOLD AND 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
WASATCH GREEN RIVER	7187'	7218'		GARDEN GULCH MRK	4761'
	5300'	6872'		GARDEN GULCH 1	4962'
				GARDEN GULCH 2 POINT 3	5091' 5396'
				X MRKR Y MRKR	5631' 5662'
				DOUGLAS CREEK MRK BI CARBONATE MRK	5798' 6124'
				B LIMESTON MRK CASTLE PEAK	6234' 6640'
				BASAL CARBONATE WASATCH	7017' 7144'

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) Jennifer Peatross Title Production Technician  
 Signature *Jennifer Peatross* Date 06/17/2011

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****UTE TRIBAL 8-16-4-1W****1/1/2011 To 5/30/2011****UTE TRIBAL 8-16-4-1W****Waiting on Cement****Date:** 3/21/2011

Ross #29 at 310. Days Since Spud - On 3/18/11 Ross #29 spud and drilled 310' of 12 1/4" hole, P/U and run 7 jts of 8 5/8" casing set - yield. Returned 2bbls to pit, bump plug to 580 psi, BLM and State were notified of spud via email. - @ 309.89'KB. On 3/21/11 cement w/BJ w/160 sks of class G+2%kcl+.25#CF mixed @ 15.8ppg and 1.17

**Daily Cost:** \$0**Cumulative Cost:** \$73,704**UTE TRIBAL 8-16-4-1W****Rigging down****Date:** 4/10/2011

NDSI #2 at 310. 0 Days Since Spud - rig down and prepare for rig move

**Daily Cost:** \$0**Cumulative Cost:** \$74,054**UTE TRIBAL 8-16-4-1W****Drill 7 7/8" hole with fresh water****Date:** 4/11/2011

NDSI #2 at 1754. 1 Days Since Spud - No H2S or flow in last 24 hours - Drill 7 7/8" hole F/ 270' to 1754' w/ 18K WOB,TRPM-175,GPM-375,Avg ROP-148 ft/hr - Rig up B&C test Kelly,pipe & blinds, choke to 2000#/10 min and casing to 1500#/30 min - Move rig 19 miles, set equipment and rig up. - Work on light plant, (lights going off) - Pick up bit,mud motor,directional tools ,drill collars and tag @ 270'

**Daily Cost:** \$0**Cumulative Cost:** \$96,133**UTE TRIBAL 8-16-4-1W****Drill 7 7/8" hole with fresh water****Date:** 4/12/2011

NDSI #2 at 4003. 2 Days Since Spud - rig service, check crownomatic and BOP - Drill 7 7/8" hole F/2515 to4003 w/ 18K WOB,TRPM-175,GPM-375,Avg ROP-85 ft/hr - Drill 7 7/8" hole F/ 1754 to 2515 w/ 18K WOB,TRPM-175,GPM-375,Avg ROP-127 ft/hr

**Daily Cost:** \$0**Cumulative Cost:** \$125,415**UTE TRIBAL 8-16-4-1W****Drill 7 7/8" hole with fresh water****Date:** 4/13/2011

NDSI #2 at 5837. 3 Days Since Spud - Rig service , check crownomatic and BOP - Drill 7 7/8" hole F/ 4003' to 4856' w/ 18K WOB,TRPM-175,GPM-375,Avg ROP-95 ft/hr - No H2S or flow reported in last 24 hours - Drill 7 7/8" hole F/ 4856' to 5837' w/ 18K WOB,TRPM-175,GPM-375,Avg ROP- 68 ft/hr

**Daily Cost:** \$0**Cumulative Cost:** \$156,068**UTE TRIBAL 8-16-4-1W****Drill 7 7/8" hole with fresh water****Date:** 4/14/2011

NDSI #2 at 7326. 4 Days Since Spud - Rig Service , check crownomatic and BOP - Drill 7 7/8"

hole f 6217' to 7326' w/ 18K WOB,TRPM-175,GPM-275,Avg ROP-63 ft/hr - No H2S reported, well flowing 3 gpm - Drill 7 7/8" hole f 7326' to 7385' w/ 18K WOB,TRPM-175,GPM-275,Avg ROP- ft/hr - Circulate - Lay down DP to 4000'. Check flow. Well flowing at 5 gal/min - Spot 200bbls of 10# brine water - Lay down DP and BHA - Rig up PSI and log well. Tripple combo suite. 30'/min TD to 5000'. - Rig up Quicktest and test 5 1/2" pipe rams to 2000 psi for ten minutes. Test good - R/U and run 177 jts of 5 1/2" 15.50# J-55 casing set at 7373'/KB. - R/U up BJ hard lines, circulate and land casing mandrell with 85,000# tension - Pump 290 sacks of PL11+3%KCL+5#Cf+5#KOL+.5SMS+FP+SF. Mixed at 11ppg and 3.43 yield. Then pump - 425 sack 50:50:2+3%KCL+.5%EC-1+.25#CF+.05#SF+.3SMS+FP-6L. Mixed at 14.4 ppg 1.24 yield. Returned - a trace of cement to pit. - Clean mud tanks - Drill 7 7/8" hole F/ 5837' to 6217 w/ 18K WOB,TRPM-175,GPM-375,Avg ROP-63 ft/hr - Clean mud tanks - a trace of cement to pit. - 425 sack 50:50:2+3%KCL+.5%EC-1+.25#CF+.05#SF+.3SMS+FP-6L. Mixed at 14.4 ppg 1.24 yield. Returned - Pump 290 sacks of PL11+3% KCL+5#Cf+5#KOL+.5SMS+FP+SF. Mixed at 11ppg and 3.43 yield. Then pump - R/U up BJ hard lines, circulate and land casing mandrell with 85,000# tension - R/U and run 177 jts of 5 1/2" 15.50# J-55 casing set at 7373'/KB. - Rig up Quicktest and test 5 1/2" pipe rams to 2000 psi for ten minutes. Test good - Rig up PSI and log well. Tripple combo suite. 30'/min TD to 5000'. - Lay down DP and BHA - Spot 200bbls of 10# brine water - Lay down DP to 4000'. Check flow. Well flowing at 5 gal/min - Circulate - Drill 7 7/8" hole f 7326' to 7385' w/ 18K WOB,TRPM-175,GPM-275,Avg ROP- ft/hr - No H2S reported, well flowing 3 gpm - Drill 7 7/8" hole f 6217' to 7326' w/ 18K WOB,TRPM-175,GPM-275,Avg ROP-63 ft/hr - Rig Service , check crownomatic and BOP - Drill 7 7/8" hole F/ 5837' to 6217 w/ 18K WOB,TRPM-175,GPM-375,Avg ROP-63 ft/hr

**Daily Cost:** \$0

**Cumulative Cost:** \$229,287

**UTE TRIBAL 8-16-4-1W**

**Wait on Completion**

**Date:** 4/15/2011

NDSI #2 at 7385. 6 Days Since Spud - Finish cleaning mud tanks. Release rig at 0800

4/15/2011 **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$407,071

**Pertinent Files:** [Go to File List](#)