

# NEWFIELD



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

January 22, 2009

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

RE: Applications for Permit to Drill  
**Ute Tribal 3-30-4-1E**  
**Ute Tribal 4-30-4-1E**  
**Ute Tribal 7-30-4-1E**  
**Ute Tribal 8-30-4-1E**

Dear Diana:

Enclosed find APD's on the above referenced wells. These are for Tribal Surface/Tribal Mineral locations. If you have any questions, feel free to give me a call.

Sincerely,

Mandie Crozier  
Regulatory Specialist

mc  
enclosures

RECEIVED  
JAN 26 2009  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**APPLICATION FOR PERMIT TO DRILL OR REENTER**

|   |  |   |                                 |
|---|--|---|---------------------------------|
| 5a. Address: Route #3 Box 3630, Myton UT 84052  |  | 3b. Phone No. (include area code): (435) 646-3721               | 5. Lease Serial No.: 20G0005609 |
| 6. Name of Operator: Newfield Production Company  |  | 6. If Indian, Allottee or Tribe Name: UTE                       |                                 |
| 7. Location of Well (Report location clearly and in accordance with any State requirements.):<br>At surface: SE/NE 1793' FNL 528' FEL 592249X 40.10808<br>At proposed prod. zone: 44401044 -109.91762 |  | 7. If Unit or CA Agreement, Name and No.: NA                    |                                 |
| 8. Distance in miles and direction from nearest town or post office*: Approximately 13.7 miles southeast of Myton, UT   |  | 8. Lease Name and Well No.: Ute Tribal 8-30-4-1E                |                                 |
| 9. Distance from proposed* location to nearest property or lease line, ft. Approx. NA' f/lse, NA' f/unit (Also to nearest drig. unit line, if any)  |  | 9. API Well No.: 43-047-40501                                   |                                 |
| 10. Distance from proposed* location to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1596'  |  | 10. Field and Pool, or Exploratory: Undesignated                |                                 |
| 11. Elevations (Show whether DF, KDB, RT, GL, etc.): 4942' GL   |  | 11. Sec., T. R. M. or Blk. and Survey or Area: Sec. 30, T4S R1E |                                 |
| 12. No. of acres in lease: NA   |  | 12. County or Parish: Uintah                                    |                                 |
| 13. Spacing Unit dedicated to this well: 40 Acres   |  | 13. State: UT   |                                 |
| 14. Proposed Depth: 6,555'  |  | 14. BLM/BIA Bond No. on file: WYB000493                         |                                 |
| 15. Approximate date work will start*: 2nd Qtr. 2009  |  | 15. Estimated duration: (7) days from SPUD to rig release       |                                 |
| 16. Attachments   |  |   |                                 |

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

- |  |   |
|--|---|
| 1. Well plat certified by a registered surveyor.   | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan.  | 5. Operator certification   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM.             |

|   |                                       |                |
|---|---------------------------------------|----------------|
| 25. Signature: <i>Mandie Crozier</i>            | Name (Printed/Typed): Mandie Crozier  | Date: 1/20/09  |
| Title: Regulatory Specialist                    |                                       |                |
| Approved by (Signature): <i>Bradley G. Hill</i> | Name (Printed/Typed): BRADLEY G. HILL | Date: 01-28-09 |
| Title: ENVIRONMENTAL MANAGER                    |                                       |                |

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.

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)

**Federal Approval of this  
Action is Necessary**

**RECEIVED  
JAN 26 2009  
DIV. OF OIL, GAS & MINING**

# T4S, R1E, U.S.B.&M.

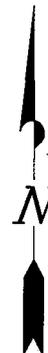
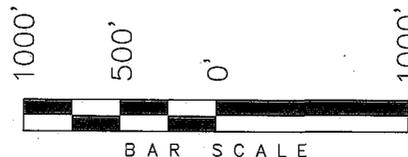
## NEWFIELD PRODUCTION COMPANY

### WELL LOCATION: UTE TRIBAL 8-30-4-1E

ELEV. UNGRADED GROUND = 4941.8'

UTE TRIBAL 8-30-4-1E  
(Surface Location) NAD 83  
LATITUDE = 40° 06' 29.82"  
LONGITUDE = 109° 55' 00.01"

WELL LOCATION, UTE TRIBAL  
8-30-4-1E, LOCATED AS SHOWN IN  
THE SE 1/4 NE 1/4 OF SECTION 30,  
T4S, R1E, U.S.B.&M. UINTAH COUNTY,  
UTAH.

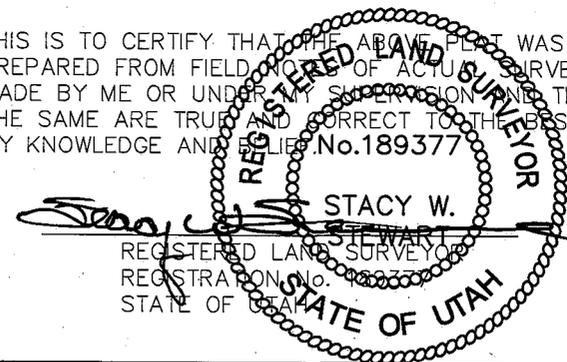


#### Notes:

1. The footages are measured perpendicular to section line.
2. The Proposed Well head bears S49°49'36"E 2770.48' from the North 1/4 Corner of Section 30.

◆ = SECTION CORNERS LOCATED

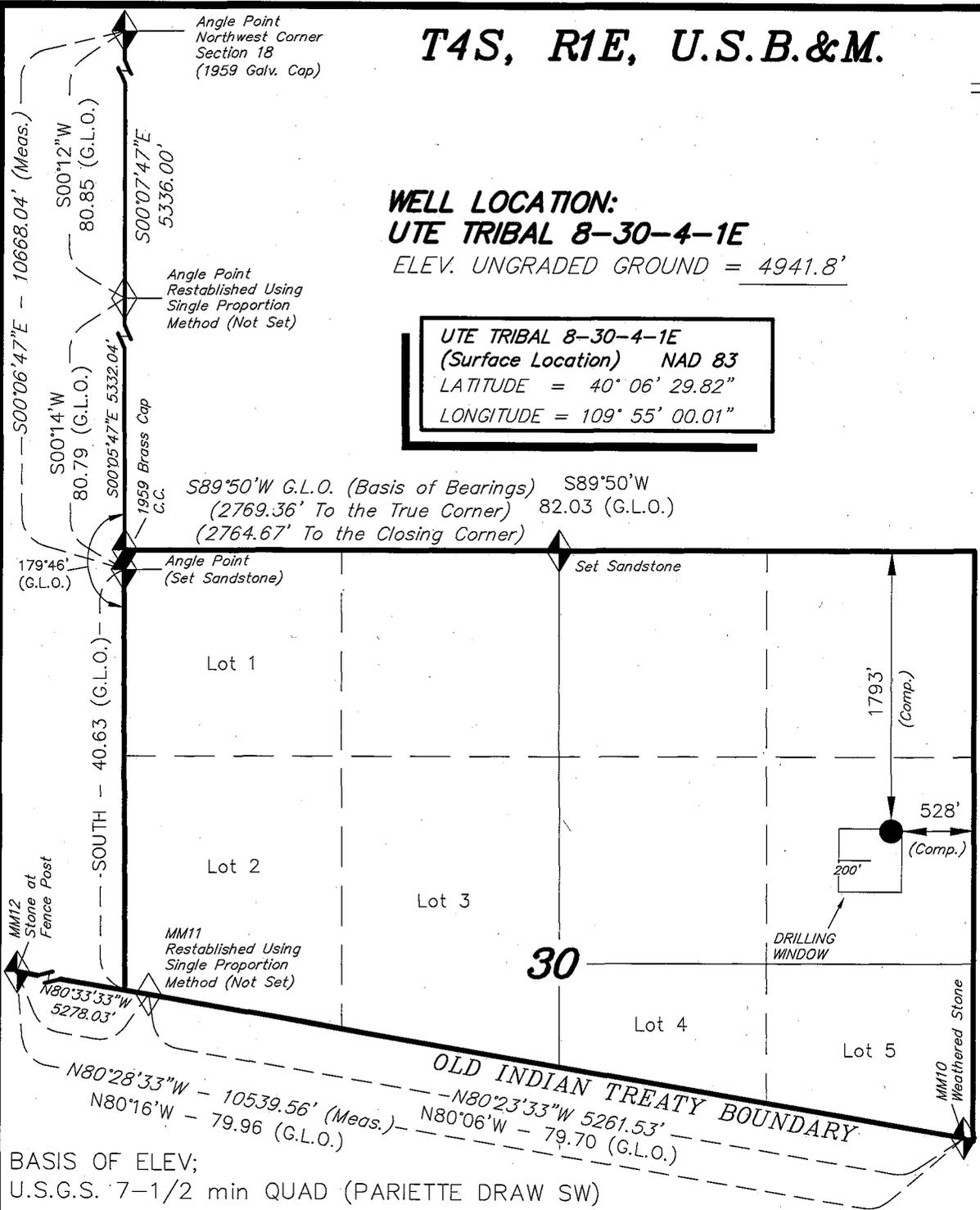
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. No. 189377



### TRI STATE LAND SURVEYING & CONSULTING

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

|                            |                   |
|----------------------------|-------------------|
| DATE SURVEYED:<br>06-13-08 | SURVEYED BY: C.M. |
| DATE DRAWN:<br>06-19-08    | DRAWN BY: F.T.M.  |
| REVISED:                   | SCALE: 1" = 1000' |



BASIS OF ELEV;  
U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

NEWFIELD PRODUCTION COMPANY  
UTE TRIBAL 8-30-4-1E  
SE/NE SECTION 30, T4S, R1E  
UINTAH COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

|             |            |
|-------------|------------|
| Uinta       | 0' – 1865' |
| Green River | 1865'      |
| Wasatch     | 6555'      |

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

Green River Formation 1865' – 6555' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Ute Tribe Green River Development Program Standard Operating Practices (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Ute Tribe Green River Development Program Standard Operating Practices (SOP). See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Ute Tribe Green River Development Program Standard Operating Practices (SOP).

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Ute Tribe Green River Development Program Standard Operating Practices (SOP).

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Ute Tribe Green River Development Program Standard Operating Practices (SOP).

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:**

Please refer to the Ute Tribe Green River Development Program Standard Operating Practices (SOP).

**NEWFIELD PRODUCTION COMPANY  
UTE TRIBAL 8-30-4-1E  
SE/NE SECTION 30, T4S, R1E  
UINTAH COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

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

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Newfield Production Company well location site Ute Tribal 8-30-4-1E located in the SE 1/4 NE 1/4 Section 30, T4S, R1E, Uintah County, Utah:

Proceed in a southwesterly direction out of Myton, approximately 3.0 miles to the junction of this road and an existing road to the east; proceed southeasterly approximately 1.9 miles to it's junction with an existing road to the south; proceed southerly approximately 1.3 miles to it's junction with an existing road to the east; proceed in a southeasterly direction approximately 3.2 miles to it's junction with an existing road to the east; proceed easterly approximately 2.5 miles to it's junction with the beginning of the proposed access road; proceed in a southeasterly direction along the proposed access road approximately 9,721' to the propose well location.

**2. PLANNED ACCESS ROAD**

See Topographic Map "B" for the location of the proposed access road. Please refer to the Ute Tribe Green River Development Program Standard Operating Practices (SOP)

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

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

All permanent surface equipment will be painted Carlsbad Canyon.  
Please refer to the Ute Tribe Green River Development Program Standard Operating Practices (SOP).

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

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District  
Water Right : 43-7478

Neil Moon Pond  
Water Right: 43-11787

Maurice Harvey Pond  
Water Right: 47-1358

Newfield Collector Well  
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

Please refer to the Ute Tribe Green River Development Program Standard Operating Practices (SOP). See Exhibit "A".

6. **SOURCE OF CONSTRUCTION MATERIALS**

Please refer to the Ute Tribe Green River Development Program Standard Operating Practices (SOP).

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Ute Tribe Green River Development Program Standard Operating Practices (SOP).

8. **ANCILLARY FACILITIES**

Please refer to the Ute Tribe Green River Development Program Standard Operating Practices (SOP).

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Ute Tribe Green River Development Program Standard Operating Practices (SOP).

11. **SURFACE OWNERSHIP** – Ute Tribe (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #07-282f, 8/7/08. Paleontological Resource Survey prepared by, SWCA, 7/24/08. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 9,721' of disturbed area be granted to allow for construction of the planned access road. **Refer to Topographic Map "B"**. A permanent width of 30' and a running surface of 18' is proposed for the planned access road. The construction phase of the planned access road will last approximately (5) days. The planned access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 408' of disturbed area be granted to allow for construction of the proposed surface gas lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a 10" or smaller gas gathering line, and a 3" poly fuel gas line and 30' wide upon completion of the proposed gas lines. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Ute Tribe Green River Development Program Standard Operating Practices (SOP).

Newfield Production Company requests 408' of disturbed area be granted to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Ute Tribe Green River Development Program Standard Operating Practices (SOP). In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

#### **Water Disposal**

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), State of Utah approved surface disposal facilities, or Federally approved surface disposal facilities.

#### **Threatened, Endangered, And Other Sensitive Species**

None for the proposed Ute Tribal 8-30-4-1E.

#### **Reserve Pit Liner**

A 16 mil liner with felt is required. Please refer to the Ute Tribe Green River Development Program Standard Operating Practices (SOP).

#### **Location and Reserve Pit Reclamation**

Please refer to the Ute Tribe Green River Development Program Standard Operating Practices (SOP).

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

|                     |                               |               |
|---------------------|-------------------------------|---------------|
| Squirrell Tail      | <i>Elymus Elymoides</i>       | 6 lbs/acre    |
| Siberian Wheatgrass | <i>Agropyron Fragile</i>      | 2 lbs/acre    |
| Gardner Saltbush    | <i>Atriplex Gardneri</i>      | 1 lbs/acre    |
| Shadscale           | <i>Atriplex Confertifolia</i> | 1 lbs/acre    |
| Fourwing Saltbush   | <i>Atriplex Canescens</i>     | 1 lbs/acre    |
| Scarlet Globemallow | <i>Sphaeralcea Conccinea</i>  | 0.20 lbs/acre |
| Forage Kochia       | <i>Kochia Prostrata</i>       | 0.20 lbs/acre |

#### **Details of the On-Site Inspection**

The proposed Ute Tribal 8-30-4-1E was onsite on 7/31/08. The following were present; Kevan Stevens (Newfield Production), Audi Apawoo (Ute Tribe ), Bucky Sukacacu (Bureau of Indian Affairs), Anna Figeroa (Bureau of Land Management ), Cory Miller (Tri-State Land Surveying and Consulting), Brian O'hearn (S.W.C.A), Margaret Imhof (S.W.C.A), and Keith Montgomery (Montgomery Archaeological Consultants). Weather conditions were clear and ground cover was 100% open.

#### **LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

##### Representative

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

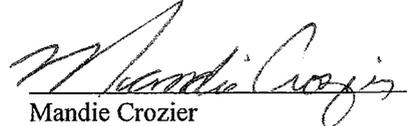
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #8-30-4-1E SE/NE Section 30, Township 4S, Range 1E: Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

1/22/09

Date



Mandie Crozier

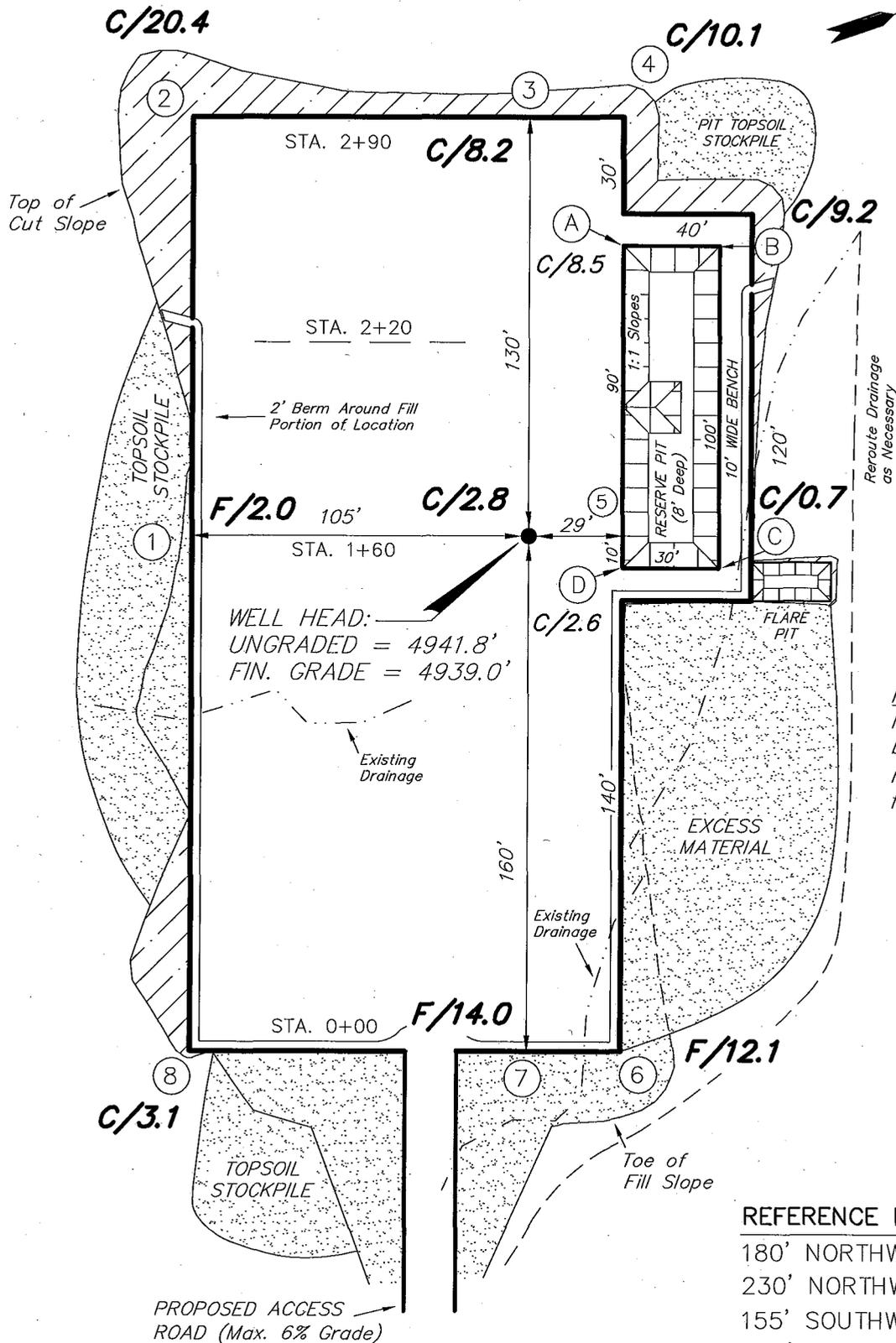
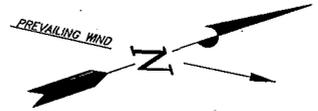
Regulatory Specialist

Newfield Production Company

# NEWFIELD PRODUCTION COMPANY

UTE TRIBAL 8-30-4-1E

Section 30, T4S, R1E, U.S.B.&M.



### REFERENCE POINTS

- 180' NORTHWEST = 4940.4'
- 230' NORTHWEST = 4933.7'
- 155' SOUTHWEST = 4931.8'
- 205' SOUTHWEST = 4938.6'

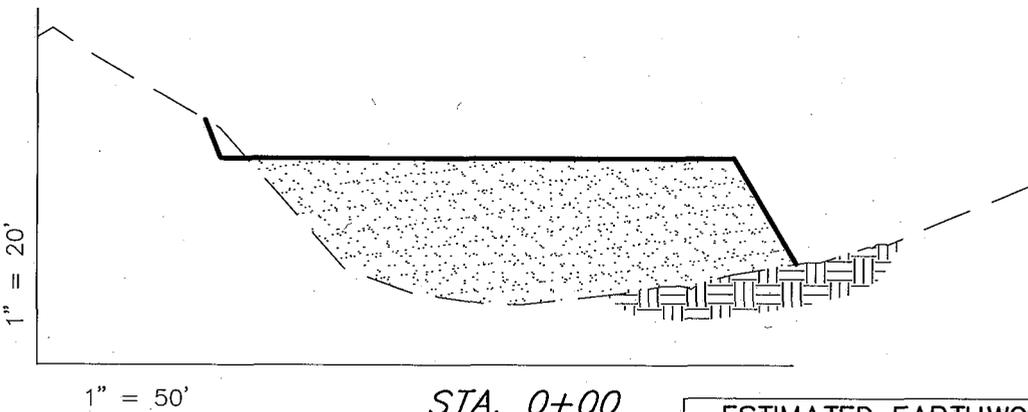
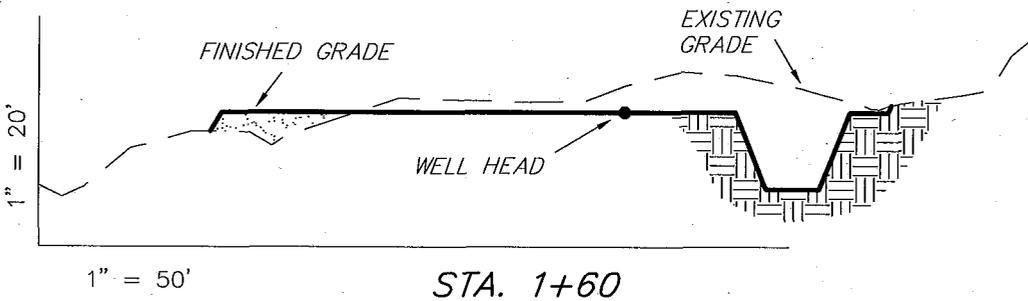
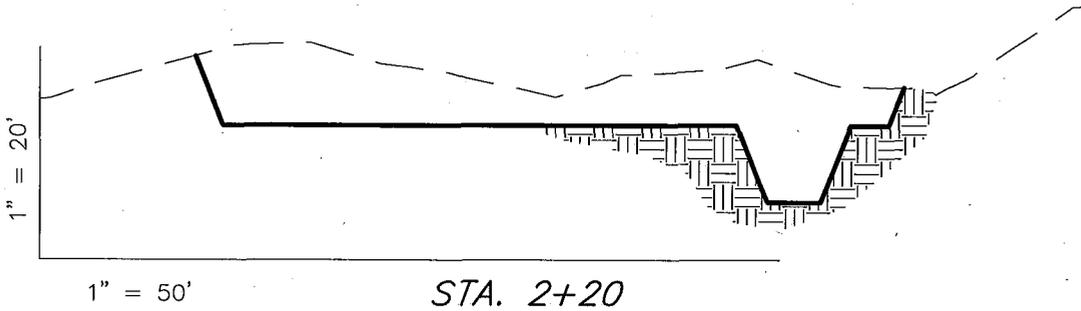
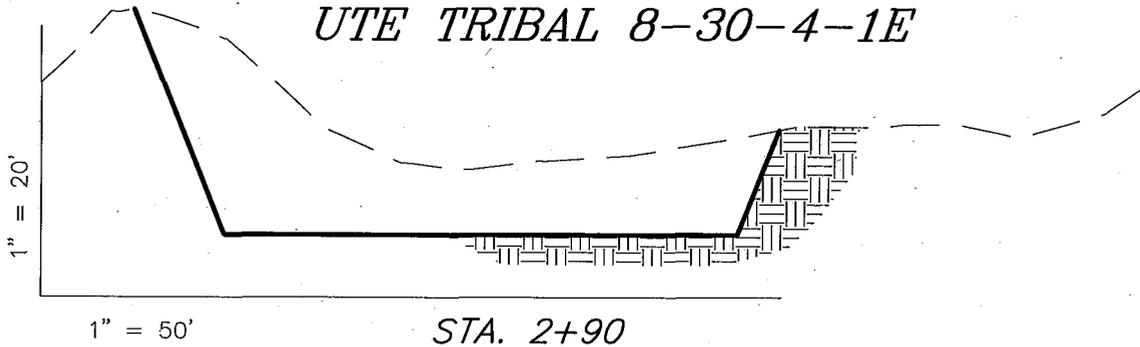
|                   |                         |
|-------------------|-------------------------|
| SURVEYED BY: C.M. | DATE SURVEYED: 06-13-08 |
| DRAWN BY: F.T.M.  | DATE DRAWN: 06-18-08    |
| SCALE: 1" = 50'   | REVISED:                |

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

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS

### UTE TRIBAL 8-30-4-1E



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

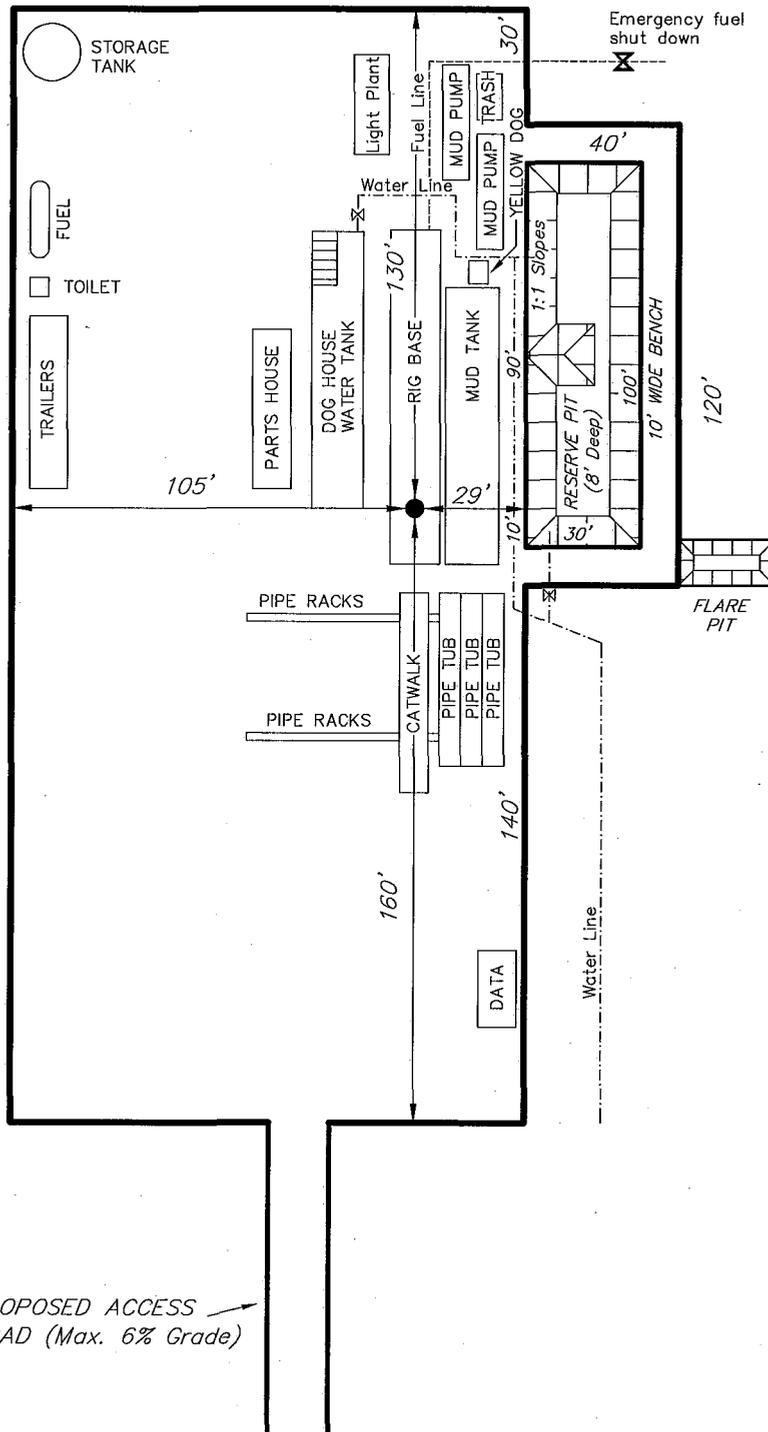
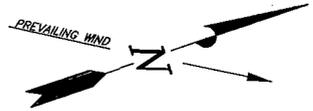
| ESTIMATED EARTHWORK QUANTITIES<br>(No Shrink or swell adjustments have been used)<br>(Expressed in Cubic Yards) |       |       |                                    |        |
|---|-------|-------|------------------------------------|--------|
| ITEM  | CUT   | FILL  | 6" TOPSOIL                         | EXCESS |
| PAD   | 5,560 | 5,560 | Topsoil is not included in Pad Cut | 0      |
| PIT   | 590   | 0     |                                    | 590    |
| TOTALS  | 6,150 | 5,560 | 1,000                              | 590    |

|                   |                         |
|-------------------|-------------------------|
| SURVEYED BY: C.M. | DATE SURVEYED: 06-13-08 |
| DRAWN BY: F.T.M.  | DATE DRAWN: 06-18-08    |
| SCALE: 1" = 50'   | REVISED:                |

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180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT UTE TRIBAL 8-30-4-1E



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

|                   |                         |
|-------------------|-------------------------|
| SURVEYED BY: C.M. | DATE SURVEYED: 06-13-08 |
| DRAWN BY: F.T.M.  | DATE DRAWN: 06-18-08    |
| SCALE: 1" = 50'   | REVISED:                |

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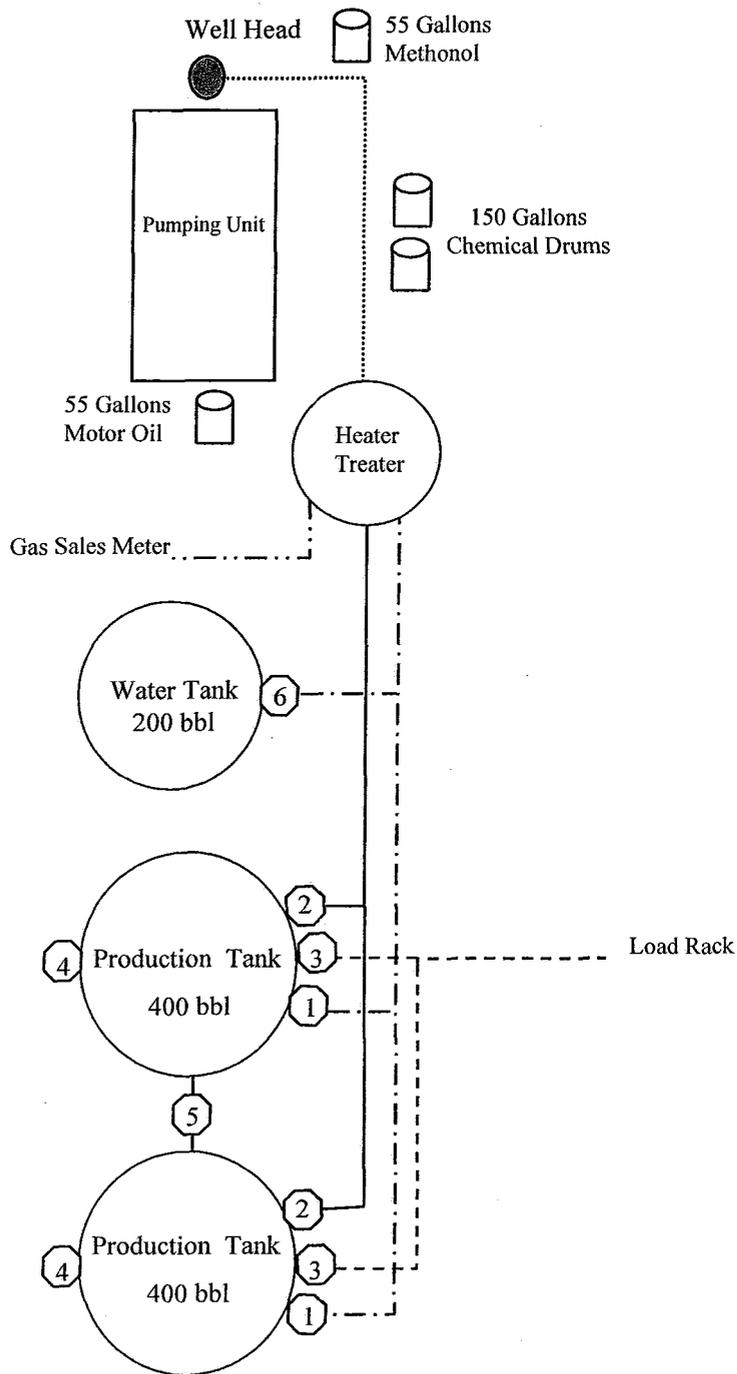
# Newfield Production Company Proposed Site Facility Diagram

Ute Tribal 8-30-4-1E

SE/NE Sec. 30, T4S, R1E

Uintah County, Utah

2OG0005609



## Legend

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

## Production Phase:

- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5, and 6 sealed open

## Sales Phase:

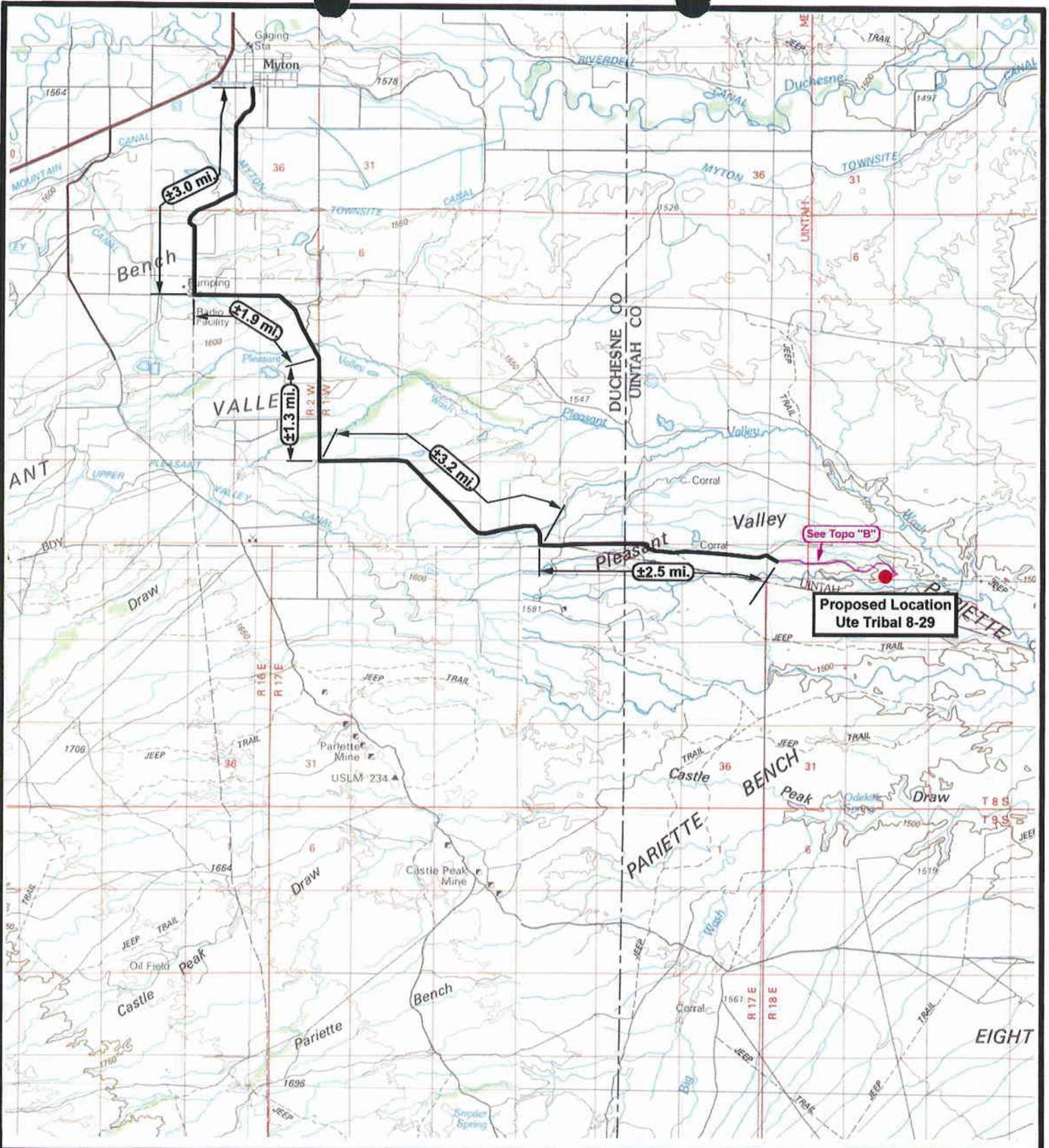
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

## Draining Phase:

- 1) Valves 1 and 6 open

Diked Section





See Topo "B"  
**Proposed Location  
 Ute Tribal 8-29**

**NEWFIELD**  
 Exploration Company

**Ute Tribal 8-30-4-1E  
 SEC. 30, T4S, R1E, U.S.B.&M.**



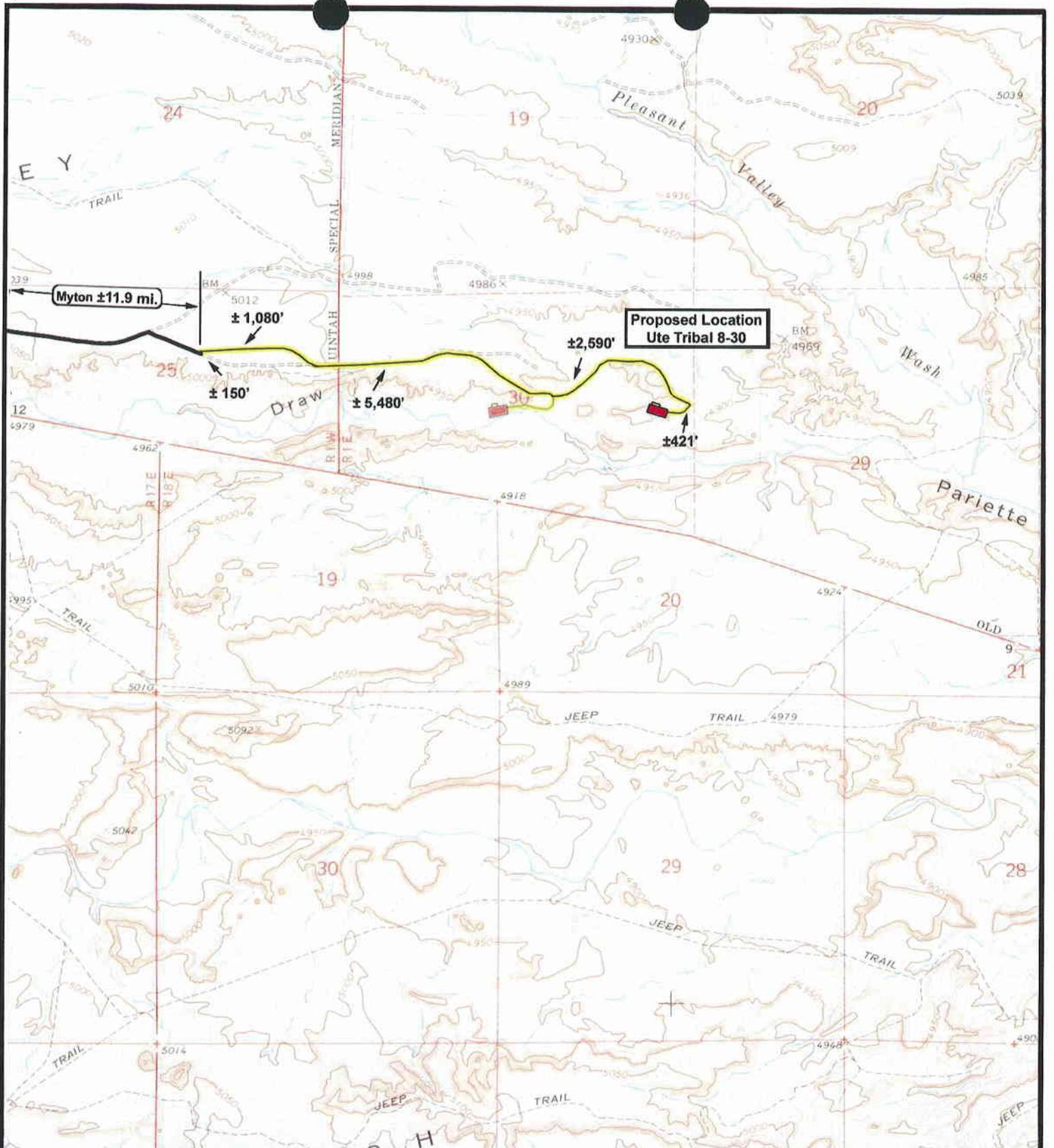
**Tri-State**  
 Land Surveying Inc.  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000  
 DRAWN BY: JAS  
 DATE: 07-01-2008

**Legend**

- Existing Road
- Proposed Access

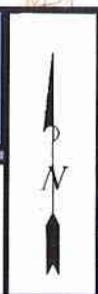
TOPOGRAPHIC MAP  
**"A"**



 **NEWFIELD**  
Exploration Company

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**Ute Tribal 8-30-4-1E**  
**SEC. 30, T4S, R1E, U.S.B.&M.**

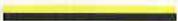


 **Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

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SCALE: 1" = 2,000'  
DRAWN BY: JAS  
DATE: 07-01-2008

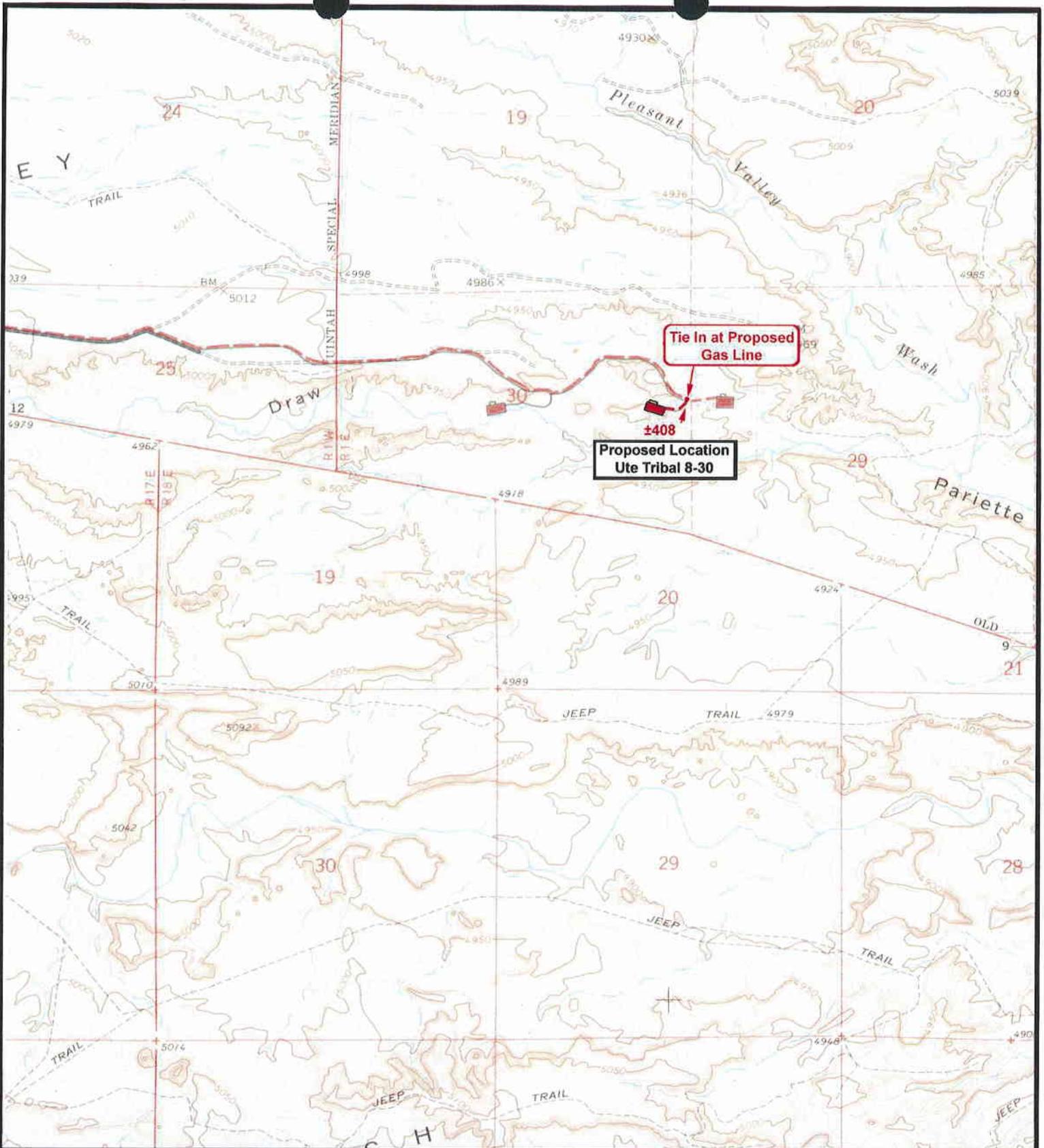
**Legend**

-  Existing Road
-  Proposed Access

---

TOPOGRAPHIC MAP

**"B"**



**NEWFIELD**  
Exploration Company

**Ute Tribal 8-30-4-1E**  
**SEC. 30, T4S, R1E, U.S.B.&M.**



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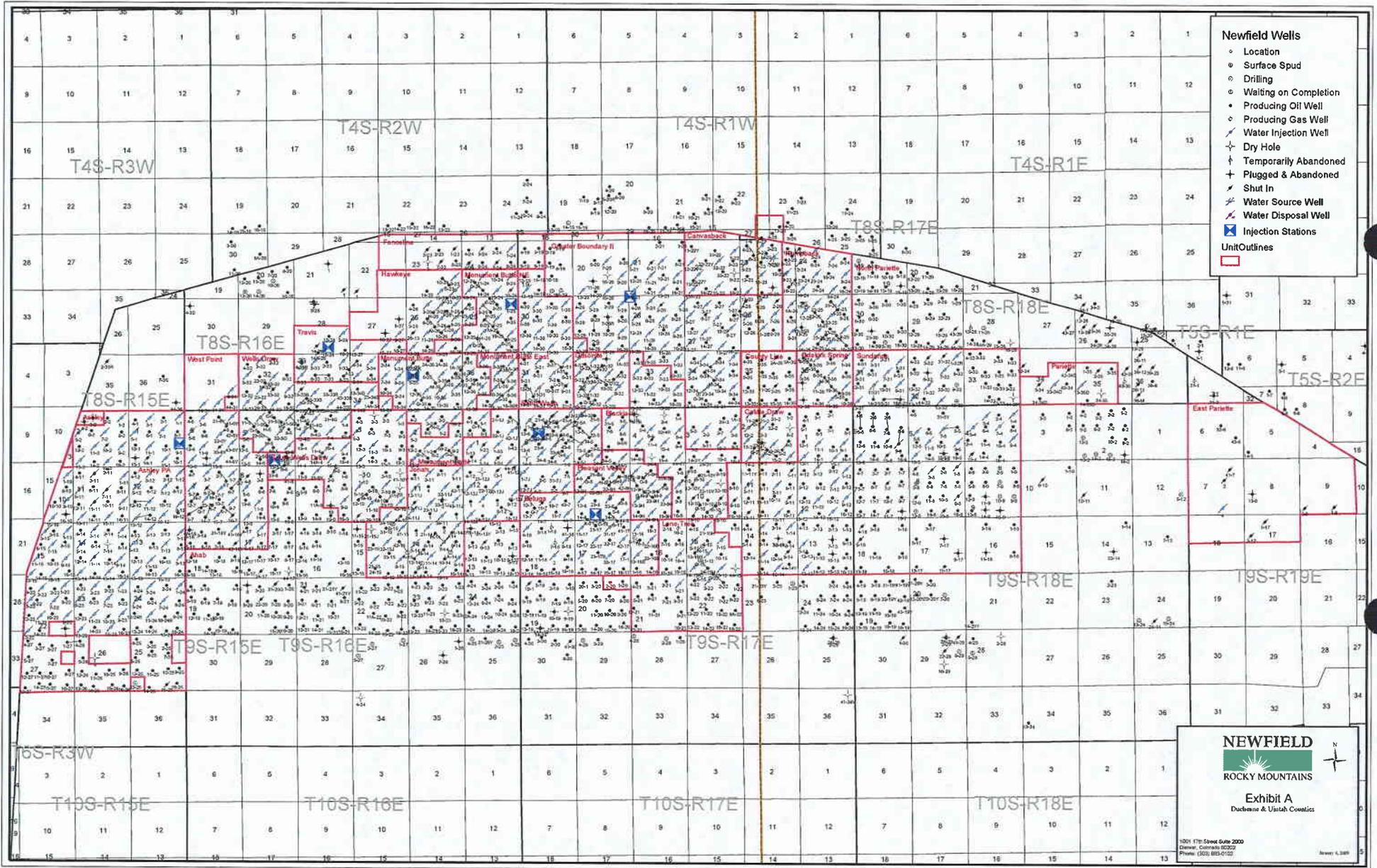
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DATE: 07-01-2008

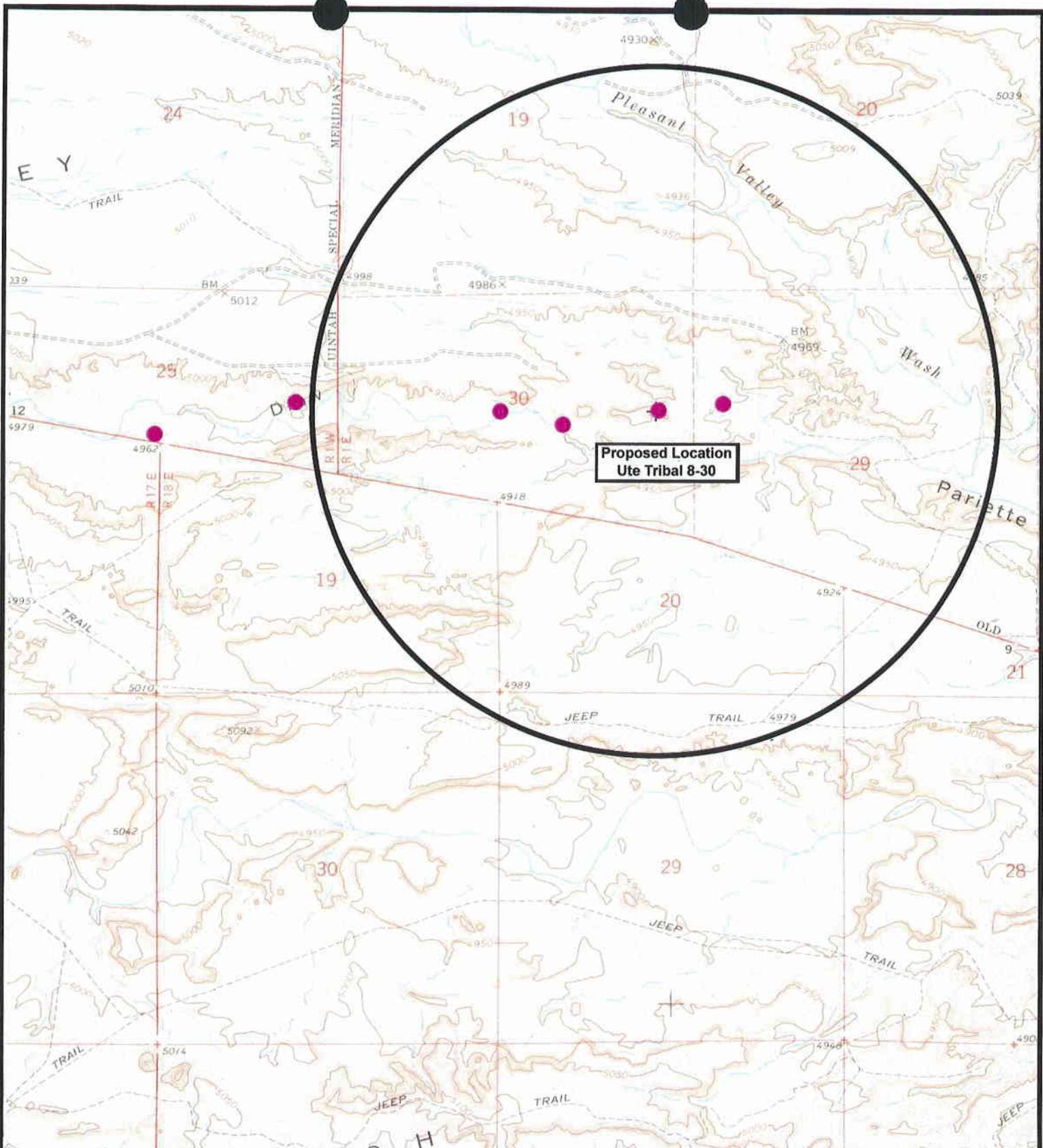
**Legend**

- Roads
- - - Proposed Gas Line

**TOPOGRAPHIC MAP**

**"C"**






**NEWFIELD**  
Exploration Company

**Ute Tribal 8-30-4-1E**  
**SEC. 30, T4S, R1E, U.S.B.&M.**




**Tri-State**  
*Land Surveying Inc.*  
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180 North Vernal Ave. Vernal, Utah 84078

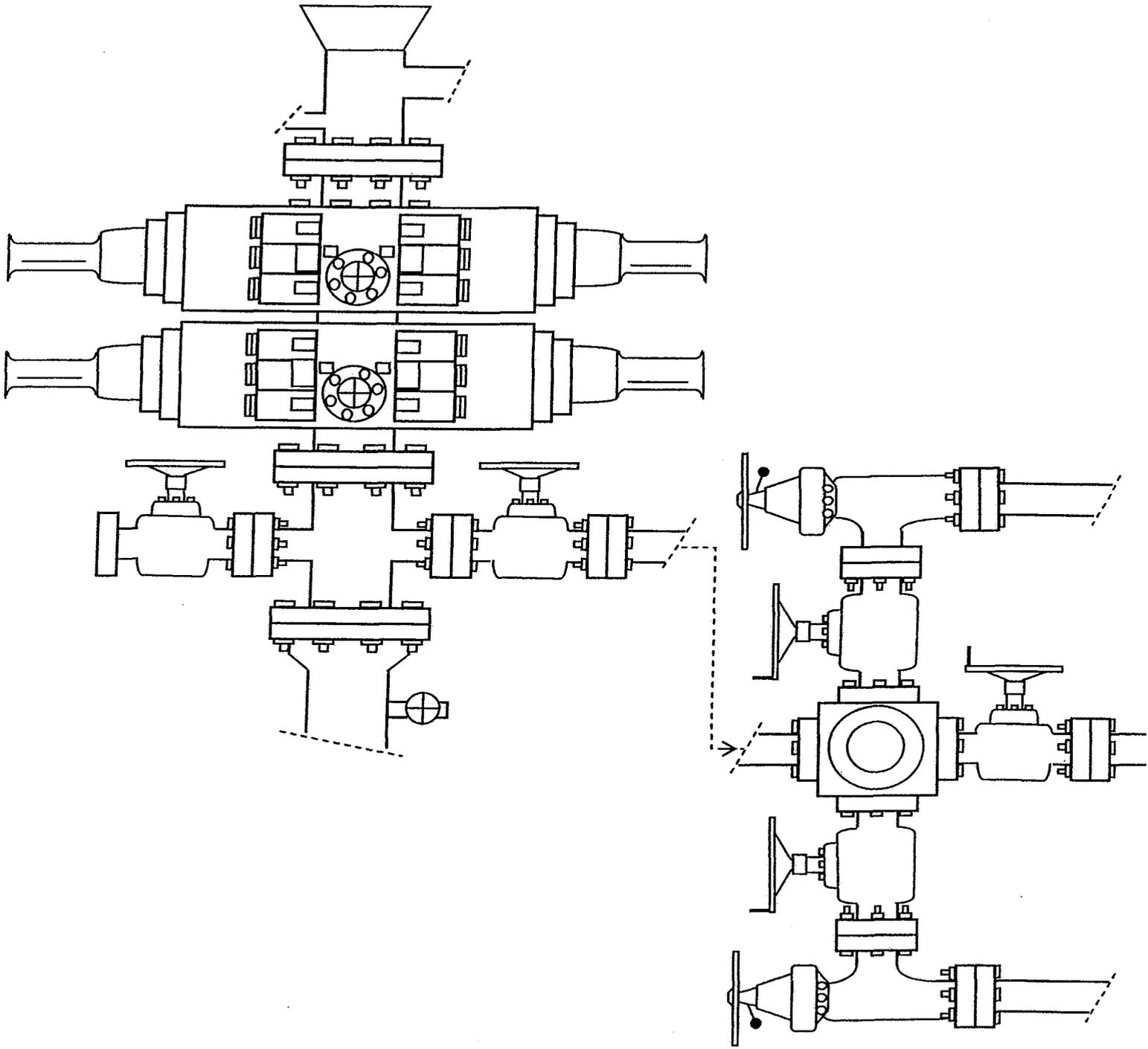
**SCALE: 1" = 2,000'**  
**DRAWN BY: JAS**  
**DATE: 07-01-2008**

**Legend**

- Location
- One-Mile Radius

**Exhibit "B"**

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



**EXHIBIT C**

Exhibit "D"

1 of 2

CLASS I REVIEW OF NEWFIELD EXPLORATION'S  
SEVEN PROPOSED WELL LOCATIONS: UTE TRIBAL  
#5-29-4-1E, #6-29-4-1E, #7-29-4-1E, #8-29-4-1E  
#7-30-4-1, #8-30-4-1, AND #6-35-4-1  
UINTAH COUNTY, UTAH

By:

Jacki A. Montgomery

Prepared For:

Ute Indian Tribe  
Uintah and Ouray Agency

Prepared Under Contract With:

Newfield Exploration Company  
Rt. 3 Box 3630  
Myton, Utah 84052

Prepared By:

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

MOAC Report No. 07-282f

August 7, 2008

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

State of Utah Antiquities Project (Survey)  
Permit No. U-07-MQ-0401i Part 2 of 2

Ute Tribal Permit No. A08-363

**Paleontological Assessment Preliminary Report for Newfield Well 8-30-4S-1E and  
Associated Infrastructure**

Prepared for

**Newfield Exploration Company**  
10530 South County Road #33  
Duchesne County, Utah 84052

and

**Ute Indian Tribe**  
**Energy and Minerals Department**  
P.O. Box 70  
988 S. 7500 E., Annex Building  
Fort Duchesne, UT 84026

Prepared by:

**Margaret Imhof, M.S. and Paul C. Murphey, Ph.D.**

SWCA Environmental Consultants  
2028 West 500 North  
Vernal, UT 84078-2645  
Phone: 435.789.9388  
Fax: 435.789.9385  
[www.swca.com](http://www.swca.com)

**July 24, 2008**

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 01/26/2009

API NO. ASSIGNED: 43-047-40501

WELL NAME: UTE TRIBAL 8-30-4-1E  
 OPERATOR: NEWFIELD PRODUCTION ( N2695 )  
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

| INSPECT LOCATN BY: / / |          |      |
|------------------------|----------|------|
| Tech Review            | Initials | Date |
| Engineering            |          |      |
| Geology                |          |      |
| Surface                |          |      |

SENE 30 040S 010E  
 SURFACE: 1793 FNL 0528 FEL  
 BOTTOM: 1793 FNL 0528 FEL  
 COUNTY: UINTAH  
 LATITUDE: 40.10808 LONGITUDE: -109.9176  
 UTM SURF EASTINGS: 592249 NORTHINGS: 4440104  
 FIELD NAME: UNDESIGNATED ( 2 )

LEASE TYPE: 2 - Indian  
 LEASE NUMBER: 20G0005609  
 SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: GRRV  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[2] Sta[] Fee[]  
(No. WYB000493 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 43-7478 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

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

COMMENTS: See Separate File

STIPULATIONS: 1- Local Approval  
2- Spacing Slip

API Number: 43-047-40501

Well Name: UTE TRIBAL 8-30-4-1E

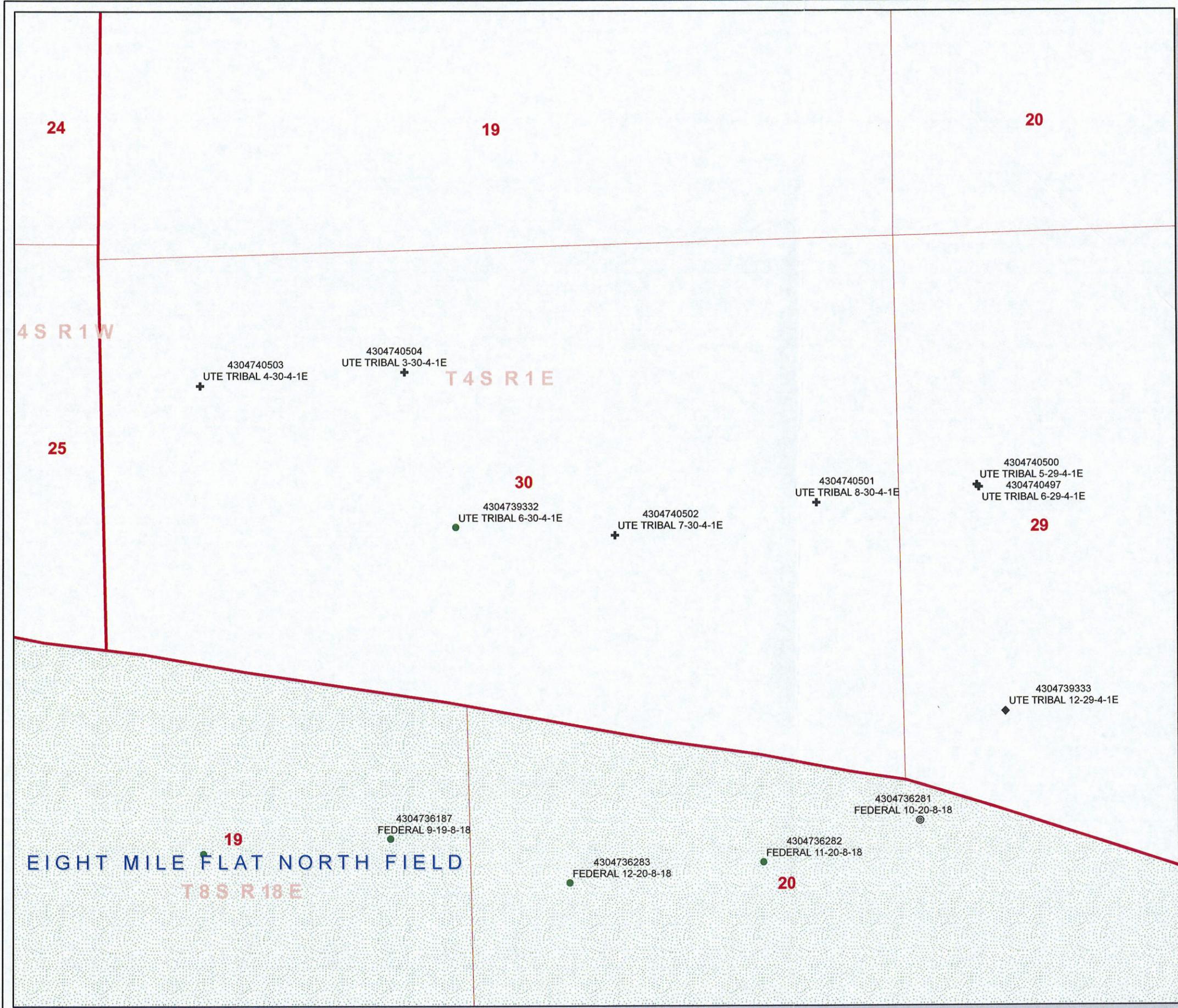
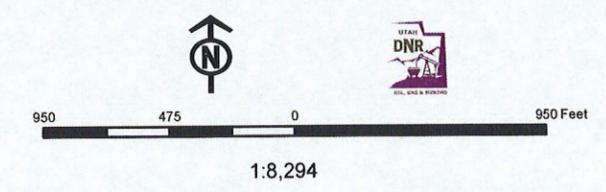
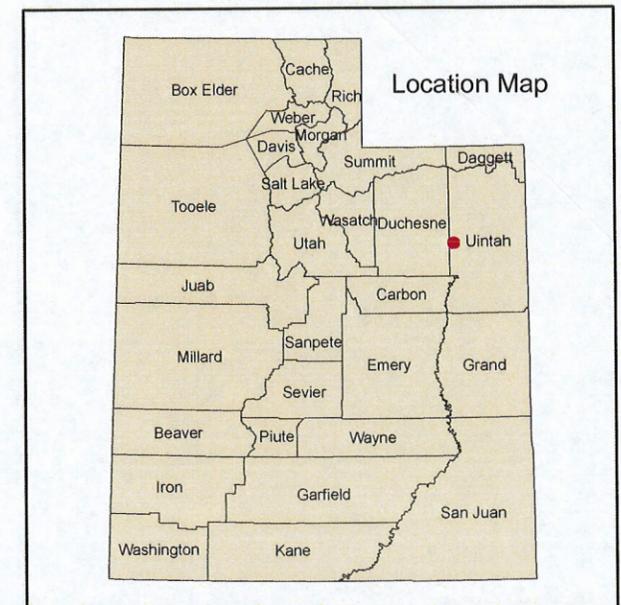
Township 04.0 S Range 01.0 E Section 30

Meridian: UBM

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:  
Map Produced by Diana Mason

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





JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

January 28, 2009

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

Re: Ute Tribal 8-30-4-1E Well, 1793' FNL, 528' FEL, SE NE, Sec. 30, T. 4 South, R. 1 East, Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-40501.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal Office



Operator: Newfield Production Company  
Well Name & Number Ute Tribal 8-30-4-1E  
API Number: 43-047-40501  
Lease: 2OG0005609

Location: SE NE                      Sec. 30                      T. 4 South                      R. 1 East

### Conditions of Approval

1. General

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

2. Notification Requirements

Notify the division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281    (801) 733-0983 home

3. Reporting Requirements

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

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

5. 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.

|   |   |
|---|---|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING | <b>FORM 9</b><br><br><b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>20G0005609 |
|---|---|

|  |   |
|--|---|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b><br>UTE<br><br><b>7. UNIT or CA AGREEMENT NAME:</b> |
|--|---|

|                                    |   |
|------------------------------------|---|
| <b>1. TYPE OF WELL</b><br>Oil Well | <b>8. WELL NAME and NUMBER:</b><br>UTE TRIBAL 8-30-4-1E |
|------------------------------------|---|

|  |   |
|--|---|
| <b>2. NAME OF OPERATOR:</b><br>NEWFIELD PRODUCTION COMPANY | <b>9. API NUMBER:</b><br>43047405010000 |
|--|---|

|  |  |  |
|--|--|--|
| <b>3. ADDRESS OF OPERATOR:</b><br>Rt 3 Box 3630 , Myton, UT, 84052 | <b>PHONE NUMBER:</b><br>435 646-4825 Ext | <b>9. FIELD and POOL or WILDCAT:</b><br>UNDESIGNATED |
|--|--|--|

|   |   |
|---|---|
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>1793 FNL 0528 FEL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: SENE Section: 30 Township: 04.0S Range: 01.0E Meridian: U | <b>COUNTY:</b><br>UINTAH<br><br><b>STATE:</b><br>UTAH |
|---|---|

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

| TYPE OF SUBMISSION  | TYPE OF ACTION  |   |   |
|---|---|---|---|
| <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b><br>Approximate date work will start:<br>1/26/2010<br><br><input type="checkbox"/> <b>SUBSEQUENT REPORT</b><br>Date of Work Completion:<br><br><input type="checkbox"/> <b>SPUD REPORT</b><br>Date of Spud:<br><br><input type="checkbox"/> <b>DRILLING REPORT</b><br>Report Date: | <input type="checkbox"/> ACIDIZE<br><input type="checkbox"/> CHANGE TO PREVIOUS PLANS<br><input type="checkbox"/> CHANGE WELL STATUS<br><input type="checkbox"/> DEEPEN<br><input type="checkbox"/> OPERATOR CHANGE<br><input type="checkbox"/> PRODUCTION START OR RESUME<br><input type="checkbox"/> REPERFORATE CURRENT FORMATION<br><input type="checkbox"/> TUBING REPAIR<br><input type="checkbox"/> WATER SHUTOFF<br><input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING<br><input type="checkbox"/> CHANGE TUBING<br><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS<br><input type="checkbox"/> FRACTURE TREAT<br><input type="checkbox"/> PLUG AND ABANDON<br><input type="checkbox"/> RECLAMATION OF WELL SITE<br><input type="checkbox"/> SIDETRACK TO REPAIR WELL<br><input type="checkbox"/> VENT OR FLARE<br><input type="checkbox"/> SI TA STATUS EXTENSION<br><input type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR<br><input type="checkbox"/> CHANGE WELL NAME<br><input type="checkbox"/> CONVERT WELL TYPE<br><input type="checkbox"/> NEW CONSTRUCTION<br><input type="checkbox"/> PLUG BACK<br><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION<br><input type="checkbox"/> TEMPORARY ABANDON<br><input type="checkbox"/> WATER DISPOSAL<br><input checked="" type="checkbox"/> APD EXTENSION<br>OTHER: |

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

Newfield requests to extend the permit to drill this well for one year.

**Approved by the Utah Division of Oil, Gas and Mining**

**Date:** January 28, 2010

**By:**

|  |                                     |                                 |
|--|-------------------------------------|---------------------------------|
| <b>NAME (PLEASE PRINT)</b><br>Mandie Crozier | <b>PHONE NUMBER</b><br>435 646-4825 | <b>TITLE</b><br>Regulatory Tech |
| <b>SIGNATURE</b><br>N/A                      | <b>DATE</b><br>1/26/2010            |                                 |



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047405010000

API: 43047405010000

Well Name: UTE TRIBAL 8-30-4-1E

Location: 1793 FNL 0528 FEL QTR SENE SEC 30 TWP 040S RNG 010E MER U

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 1/28/2009

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

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

Approved by the Utah Division of Oil, Gas and Mining

Signature: Mandie Crozier

Date: 1/26/2010

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY

Date: January 28, 2010

By:

[Handwritten signature]

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.  
EDA 20G0005609

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
UTE TRIBAL 8-30-4-1E

9. AFI Well No.  
43-047-40501

10. Field and Pool or Exploratory  
MONUMENT BUTTE

11. Sec., T., R., M., on Block and  
Survey or Area SEC. 30, T4S, R1E

12. County or Parish  
UINTAH

13. State  
UT

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

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 1793' FNL & 528' FEL (SE/NE) SEC. 30, T4S, R1E  
At top prod. interval reported below  
At total depth 6821'

14. Date Spudded  
04/15/2010

15. Date T.D. Reached  
04/22/2010

16. Date Completed 05/11/2010  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
4942' GL 4954' KB

18. Total Depth: MD 6821'  
TVD

19. Plug Back T.D.: MD 6776'  
TVD

20. Depth Bridge Plug Set: MD  
TVD

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

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

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

| Hole Size | Size/Grade  | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cement Depth | No. of Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|-------------|-------------|----------|-------------|--------------------|-----------------------------|-------------------|-------------|---------------|
| 12-1/4"   | 8-5/8" J-55 | 24#         | 0        | 320'        |                    | 160 CLASS G                 |                   |             |               |
| 7-7/8"    | 5-1/2" J-55 | 15.5#       | 0        | 6821'       |                    | 301 PRIMLITE                |                   | 32'         |               |
|           |             |             |          |             |                    | 401 50/50 POZ               |                   |             |               |

24. Tubing Record

| Size   | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|--------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2-7/8" | EOT@ 6562'     | TA @ 6396'        |      |                |                   |      |                |                   |

25. Producing Intervals

| Formation      | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|----------------|-----|--------|---------------------|------|-----------|--------------|
| A) Green River |     |        | 6080-6145' CP1 CP2  | .36" | 3         | 39           |
| B) Green River |     |        | 5437-5470' C        | .36" | 3         | 39           |
| C) Green River |     |        | 5289-5311' D2       | .36" | 3         | 27           |
| D) Green River |     |        |                     |      |           |              |

26. Perforation Record

| Depth Interval | Amount and Type of Material                                    |
|----------------|--|
| 6080-6145'     | Frac w/ 69058#'s 20/40 sand in 429 bbls of Lightning 17 fluid. |
| 5437-5470'     | Frac w/ 59771#'s 20/40 sand in 330 bbls of Lightning 17 fluid. |
| 5289-5311'     | Frac w/ 71610#'s 20/40 sand in 457 bbls of Lightning 17 fluid. |

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

28. Production - Interval A

| Date First Produced | Test Date            | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method               |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|---------------------------------|
| 5-11-10             | 5-26-10              | 24           | →               | 129     | 0       | 13        |                       |             | 2-1/2" x 1-1/2" x 24' RHAC Pump |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                                 |
|                     |                      |              | →               |         |         |           |                       | PRODUCING   |                                 |

28a. Production - Interval B

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

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

RECEIVED  
JUL 01 2010  
DIV. OF OIL, GAS & MINING

28b. Production - Interval C

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

28c. Production - Interval D

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

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

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

GEOLOGICAL MARKERS

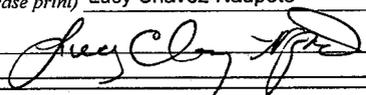
| Formation | Top | Bottom | Descriptions, Contents, etc. | Name                                  | Top            |
|-----------|-----|--------|------------------------------|---------------------------------------|----------------|
|           |     |        |                              |                                       | Meas. Depth    |
|           |     |        |                              | GARDEN GULCH MRK<br>GARDEN GULCH 1    | 4234'<br>4411' |
|           |     |        |                              | GARDEN GULCH 2<br>POINT 3             | 4531'<br>4817' |
|           |     |        |                              | X MRKR<br>Y MRKR                      | 5028'<br>5068' |
|           |     |        |                              | DOUGALS CREEK MRK<br>BI CARBONATE MRK | 5204'<br>5510' |
|           |     |        |                              | B LIMESTON MRK<br>CASTLE PEAK         | 5667'<br>6017' |
|           |     |        |                              | BASAL CARBONATE<br>WASATCH            | 6408'<br>6531' |

32. Additional remarks (include plugging procedure):

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

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

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

Name (please print) Lucy Chavez-Naupoto Title Administrative Assistant  
 Signature  Date 06/11/2010

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

**Daily Activity Report**

Format For Sundry

**UTE TRIBAL 8-30-4-1E****2/1/2010 To 6/30/2010****UTE TRIBAL 8-30-4-1E****Waiting on Cement****Date:** 4/17/2010

Ross #29 at 320. Days Since Spud - 8 5/8" casing w/ 160 sks Class "G" + 2% CaCl<sub>2</sub> + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield - casing (guide shoe, shoe jt, baffle plate, 6 jts) set @ 319.62' KB. On 4/17/10 BJ Services cemented - On 4/15/10 Ross Rig #29 spud UT 8-30-4-2, drilled 320' of 12 1/4" hole, and ran 7 jts 8 5/8" - Returned 5 bbls to pit.

**Daily Cost:** \$0**Cumulative Cost:** \$48,153**UTE TRIBAL 8-30-4-1E****Waiting on Cement****Date:** 4/19/2010

Ross #29 at 320. 0 Days Since Spud - Tear down

**Daily Cost:** \$0**Cumulative Cost:** \$48,503**UTE TRIBAL 8-30-4-1E****Drill 7 7/8" hole with fresh water****Date:** 4/20/2010

Capstar #329 at 2181. 1 Days Since Spud - Drill 7 7/8 hole with fresh water from 320' to 2181' WOB/18, GPM/420, TRPM/155, Avg ROP/201 - Install rotateing rubber - Drill cement and shoe - Ann 1500psi for 15min. Surface casing 1500psi for 30min. - Test BOP; Upper kelly valve, choke, inside and outside valves, Rams (blind & pipe), 2000psi for 10 min. - MIRU - Pick up BHA and scribe dir tools

**Daily Cost:** \$0**Cumulative Cost:** \$124,226**UTE TRIBAL 8-30-4-1E****Drill 7 7/8" hole with fresh water****Date:** 4/21/2010

Capstar #329 at 5327. 2 Days Since Spud - Rig service - Drill 7 7/8 hole with fresh water from 3966' to 5327' WOB/18, GPM/420, TRPM/155, Avg ROP/108 - Drill 7 7/8 hole with fresh water from 2181' to 3966' WOB/18, GPM/420, TRPM/155, Avg ROP/162

**Daily Cost:** \$0**Cumulative Cost:** \$147,900**UTE TRIBAL 8-30-4-1E****Wait on Completion****Date:** 4/22/2010

Capstar #329 at 6821. 4 Days Since Spud - Drill 7 7/8 hole with fresh water from 5327' to 5951' WOB/18, GPM/420, TRPM/155, Avg ROP/83.2 - Clean mud tanks. Release rig at 4:00 AM 4/23/2010 - Nipple down set 5.5 csg slips w/ 110,000# tention - Mixed @ 14.4 ppg yeild @ 1.24 return 10 bbls to pit Bump plug to 2100 psi - yield @ 3.54 Then tail of 401 sk 50:50:2+3%KCL+0.5%EC-1+.25# SK CF+.05#SF+.3SMS+FP-6L - CMT w/BJ Pump 301 sks PL II +3% KCL +5#CSE+0.5#CF+2#KOL+.5SMS+FP+SF mixed @ 11ppg - Circulate - R/U and run 156jt. 5 1/2" 15.50# J55 casing set at 6820.90'/KB. Float collar at 6775.99'/KB - R/U PSI and log. Dual Guard/ Compensated Density/ Compensated neutron Suite: 30 ft/HR. TD to surface - Finish pipe lay down - Criculate and pump brine - Well started flowing 10 gal/min. Pumped 180 bbls of brine. Checked Flow No flow. - Lay down pipe. - Circulate - Drill 7 7/8 hole with fresh water from 5951' to 6821' WOB/18, GPM/420, TRPM/155, Avg ROP/82.9 - Rig

service and function test crown-o-matic - Deveation went out to a 3.87 in 200'. Got DD out to knock it back down. Had to wait 1 hr. - Drill 7 7/8 hole with fresh water from 5327' to 5951' WOB/18,GPM/420,TRPM/155,Avg ROP/83.2 - Deveation went out to a 3.87 in 200'. Got DD out to knock it back down. Had to wait 1 hr. - Rig service and function test crown-o-matic - Drill 7 7/8 hole with fresh water from 5951' to 6821' WOB/18,GPM/420,TRPM/155,Avg ROP/82.9 - Circulate - Lay down pipe. - Well started flowing 10 gal/min. Pumped 180 bbls of brine. Checked Flow No flow. - Criculate and pump brine - Finish pipe lay down - R/U PSI and log. Dual Guard/ Compensated Density/ Compensated neutron Suite: 30 ft/HR. TD to surface - R/U and run 156jt. 5 1/2" 15.50# J55 casing set at 6820.90'/KB. Float collar at 6775.99'/KB - Circulate - CMT w/BJ Pump 301 sks PL II +3% KCL +5#CSE+0.5#CF+2#KOL+.5SMS+FP+SF mixed @ 11ppg - yield @ 3.54 Then tail of 401 sk 50:50:2+3%KCL+0.5%EC-1+.25# SK CF+.05#SF+.3SMS+FP-6L - Mixed @ 14.4 ppg yeild @ 1.24 return 10 bbls to pit Bump plug to 2100 psi - Clean mud tanks. Release rig at 4:00 AM 4/23/2010 - Nipple down set 5.5 csg slips w/ 110,000# tention **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$294,350

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**Pertinent Files: Go to File List**