

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**APPLICATION FOR PERMIT TO DRILL OR REENTER**

5. Lease Serial No.  
**UTU-77369**

6. If Indian, Allottee or Tribe Name  
N/A

7. If Unit or CA Agreement, Name and No.  
N/A

8. Lease Name and Well No.  
Federal 5-20-9-17

1a. Type of Work:  DRILL  REENTER

1b. Type of Well:  Oil Well  Gas Well  Other  Single Zone  Multiple Zone

2. Name of Operator  
**Newfield Production Company**

3a. Address  
**Route #3 Box 3630, Myton UT 84052**

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

9. API Well No.  
**43-013-33224**

10. Field and Pool, or Exploratory Monument Butte  
**105**

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)  
At surface **SW/NW 1981' FNL 723' FWL 532224X 40.01221**  
At proposed prod. zone **44300224 110.036512**

11. Sec., T., R., M., or Blk. and Survey or Area  
**SW/NW Sec. 20, T9S R17E**

14. Distance in miles and direction from nearest town or post office\*  
**Approximatley 18.8 miles southeast of Myton, Utah**

12. County or Parish  
**Duchesne**

13. State  
**UT**

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1981' f/lse, NA' f/unit  
**Approx. 1258'**

16. No. of Acres in lease  
**1189.60**

17. Spacing Unit dedicated to this well  
**40 Acres**

18. Distance from proposed location\* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1258'

19. Proposed Depth  
**5750'**

20. BLM/BIA Bond No. on file  
**UTB000192**

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
**5457' GL**

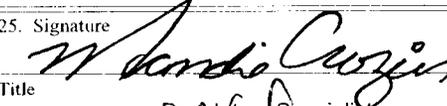
22. Approximate date work will start\*  
**4th Quarter 2006**

23. Estimated duration  
**Approximately seven (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, shall 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 shall 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 authorized officer.

25. Signature  Name (Printed/Typed) **Mandie Crozier** Date **6/20/06**

Title **Regulatory Specialist**

Approved by (Signature)  Name (Printed/Typed) **BRADLEY G. HILL** Date **06-29-06**

Title **ENVIRONMENTAL MANAGER**

Application approval does not warrant or certify the 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.

\*(Instructions on reverse)

**Federal Approval of this  
Action is Necessary**

**RECEIVED**

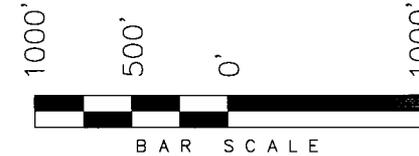
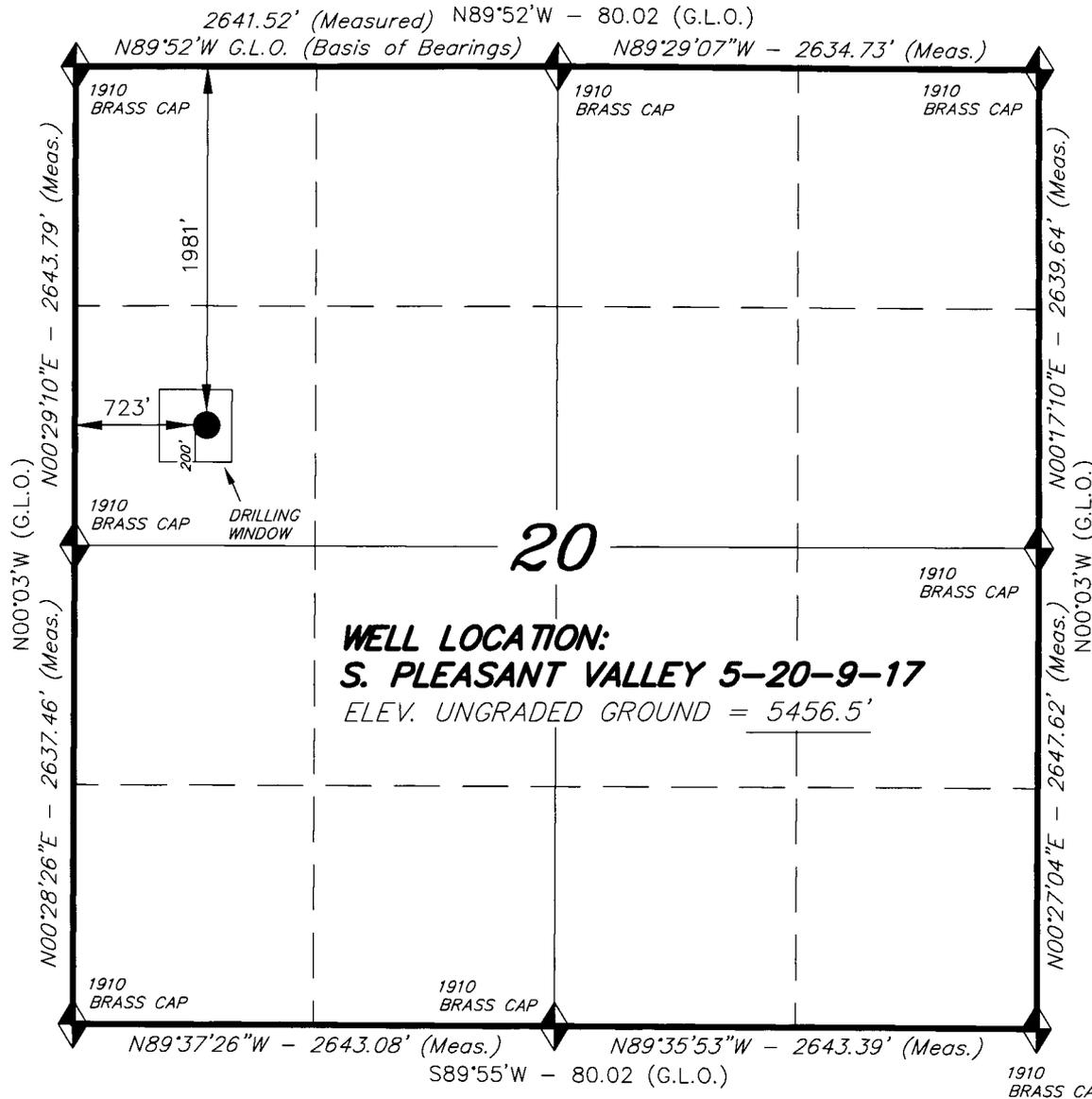
**JUN 26 2006**

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

# T9S, R17E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, S. PLEASANT VALLEY 5-20-9-17, LOCATED AS SHOWN IN THE SW 1/4 NW 1/4 OF SECTION 20, T9S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



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

REGISTERED LAND SURVEYOR  
 STACY W. STEWART  
 REGISTERED LAND SURVEYOR  
 REGISTRATION No. 189377  
 STATE OF UTAH

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;  
 U.S.G.S. 7-1/2 min QUAD (MYTON SE)

S. PLEASANT VALLEY 5-20-9-17  
 (Surface Location) NAD 83  
 LATITUDE = 40° 01' 05.66"  
 LONGITUDE = 110° 02' 14.15"

TRI STATE LAND SURVEYING & CONSULTING  
 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
 (435) 781-2501

|                            |                   |
|----------------------------|-------------------|
| DATE SURVEYED:<br>04-24-06 | SURVEYED BY: C.M. |
| DATE DRAWN:<br>F.T.M.      | DRAWN BY: F.T.M.  |
| REVISED:                   | SCALE: 1" = 1000' |



June 23, 2006

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

RE: Applications for Permit to Drill: Federal 5-20-9-17, 6-20-9-17, 7-20-9-17, 8-20-9-17, 9-20-9-17, 10-20-9-17, 11-20-9-17, 12-20-9-17, 13-20-9-17, 14-20-9-17, 15-20-9-17, and 16-20-9-17.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 9-20-9-17 and 14-20-9-17 are Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier  
Regulatory Specialist

mc  
enclosures

**RECEIVED**  
**JUN 26 2006**  
**DIV. OF OIL, GAS & MINING**

NEWFIELD PRODUCTION COMPANY  
FEDERAL #5-20-9-17  
SW/NW SECTION 20, T9S, R17E  
DUCHESNE 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' – 2065' |
| Green River | 2065'      |
| Wasatch     | 5750'      |

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

Green River Formation 2065' – 5750' - Oil

4. **PROPOSED CASING PROGRAM**

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

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

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

Please refer to the Monument Butte Field SOP.

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

Please refer to the Monument Butte Field SOP.

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

Please refer to the Monument Butte Field SOP.

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

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

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

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY  
FEDERAL #5-20-9-17  
SW/NW SECTION 20, T9S, R17E  
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 Federal #5-20-9-17 located in the SW 1/4 NW 1/4 Section 20, T9S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 11.7 miles  $\pm$  to it's junction with an existing dirt road to the southwest; proceed southwesterly - 3.8 miles  $\pm$  to it's junction with an existing two track road to be upgraded; proceed northeasterly along this existing two track road - 1.0 miles  $\pm$  to it's junction with the beginning of the proposed access road; proceed southwesterly - 0.5 miles  $\pm$  to it's junction with the proposed access road to the east; proceed northeasterly along the proposed access road - 990'  $\pm$  to the proposed well location.

**2. PLANNED ACCESS ROAD**

See Topographic Map "B" for the location of the proposed access road.

**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 Monument Butte Field Standard Operating Procedure (SOP).

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

Please refer to the Monument Butte Field SOP. See Exhibit "A".

**6. SOURCE OF CONSTRUCTION MATERIALS**

Please refer to the Monument Butte Field SOP.

**7. METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

**8. ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management (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 #04-206, 6/15/05 Paleontological Resource Survey prepared by, Wade E. Miller, 6/2/05 attached report cover pages, Exhibit "D".

For the Federal #5-20-9-17 Newfield Production Company requests 8,720' of disturbed area be granted in Lease UTU-77369 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 3,420' of disturbed area be granted in Lease UTU-77369 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. 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 Monument Butte Field SOP.

Newfield Production Company requests 4,170' of disturbed area be granted in Lease UTU-77369 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

**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) or at State of Utah approved surface disposal facilities.

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

**Mountain Plover:** If new construction or surface disturbing activities are scheduled to occur between May 1 and June 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities will be allowed between March 15 and August 15 within a 0.5 mile radius of any documented mountain plover nest site.

**Burrowing Owl:** Due to the proximity of the location to active prairie dog towns, there is the potential to encounter nesting burrowing owls between April 1 and August 15. If new construction or surface disturbing activities are scheduled between April 1 and August 15, pre-construction surveys will be conducted to detect the presence of nesting burrowing owls within 0.5 mile of any new construction or surface disturbing activity (see Vernal BLM Field Office Protocol). No new construction or surface disturbing activities will be allowed between April 1 and August 15 within a 0.5 mile radius of any active burrowing owl nest.

**Reserve Pit Liner**

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field 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)

|                    |                           |            |
|--------------------|---------------------------|------------|
| Western Wheatgrass | <i>Pascopyrum Smithii</i> | 6 lbs/acre |
| Galletta Grass     | <i>Hilaria Jamesii</i>    | 6 lbs/acre |

**Details of the On-Site Inspection**

The proposed Federal #5-20-9-17 was on-sited on 4/27/06. The following were present; Shon Mckinnon (Newfield Production), Chris Carusona (Bureau of Land Management), and Brandon McDonald (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

**13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

Representative

Name: Shon Mckinnon  
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 #5-20-9-17 SW/NW Section 20, Township 9S, Range 17E; Lease UTU-77369 Duchesne County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

I hereby certify that the proposed drillsite 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.

6/23/06

Date

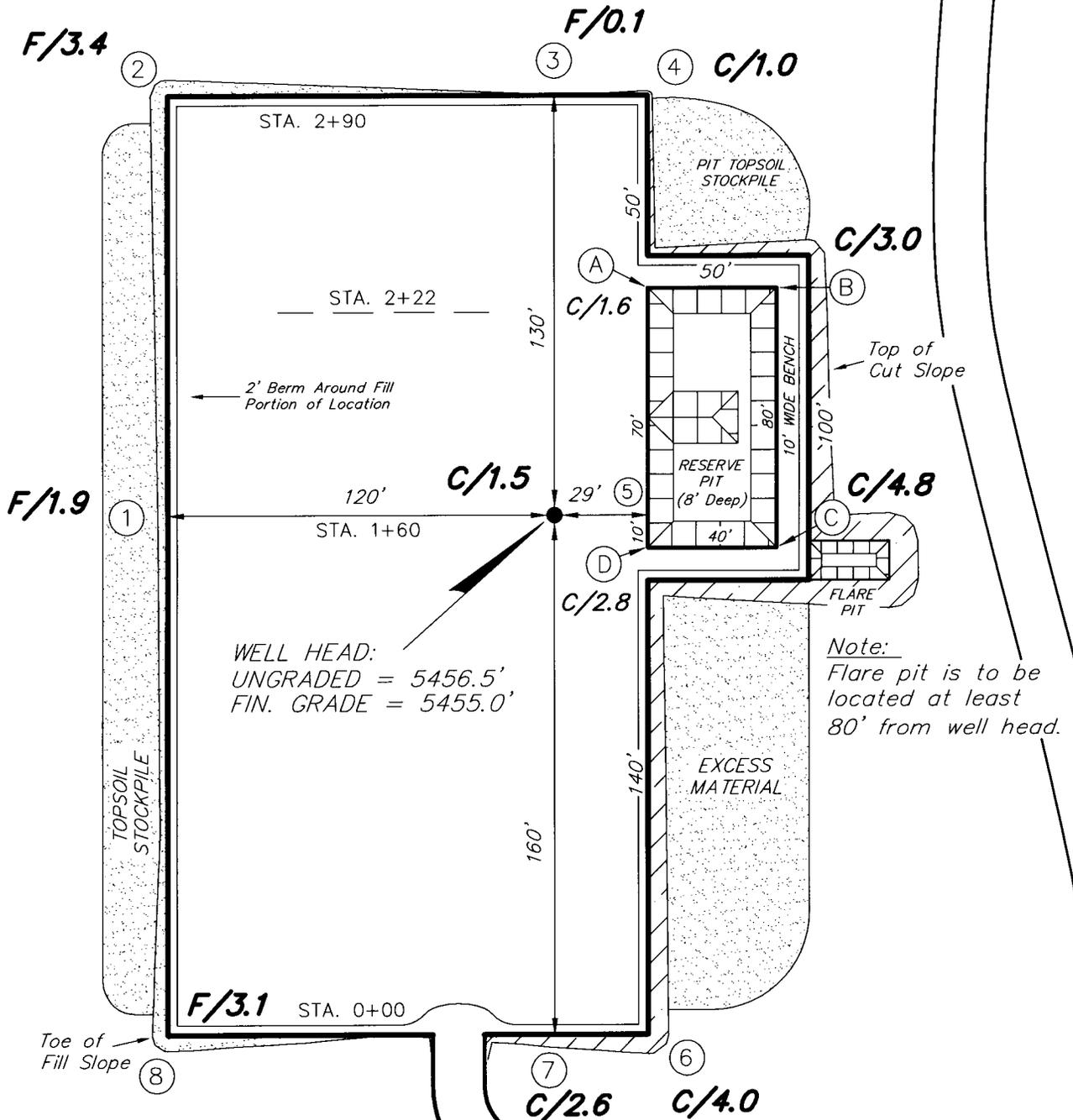
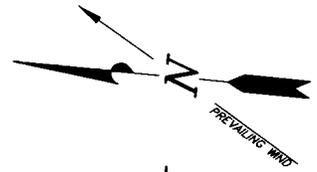


Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

# NEWFIELD PRODUCTION COMPANY

S. PLEASANT VALLEY 5-20-9-17

Section 20, T9S, R17E, S.L.B.&M.



## REFERENCE POINTS

- 170' NORTHERLY = 5451.7'
- 220' NORTHERLY = 5450.2'
- 180' EASTERLY = 5454.1'
- 230' EASTERLY = 5453.5'

PROPOSED ACCESS ROAD (Max. 6% Grade)

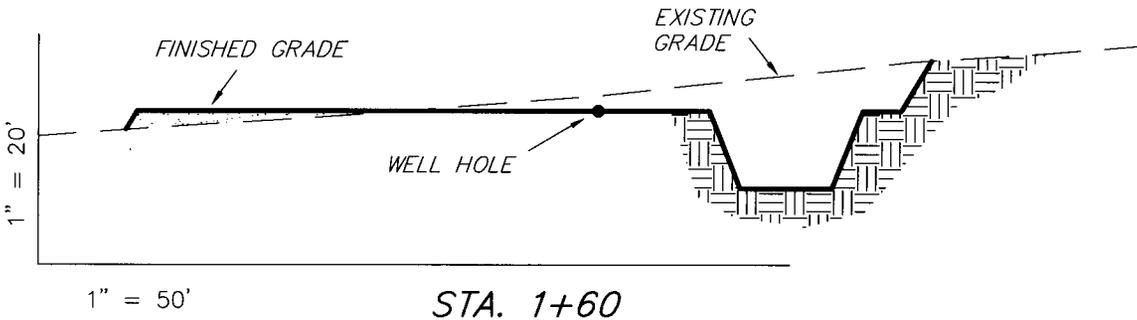
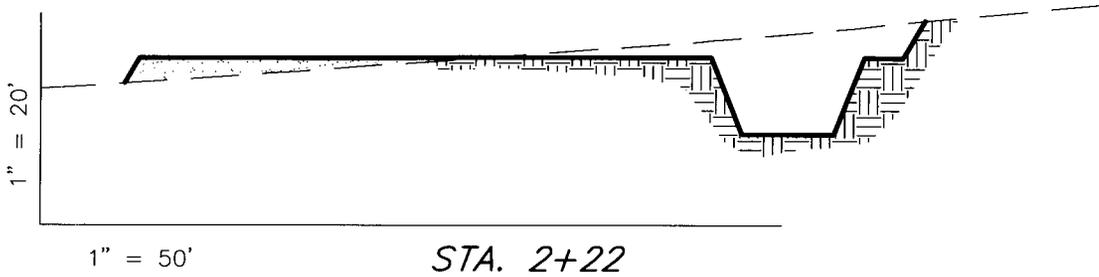
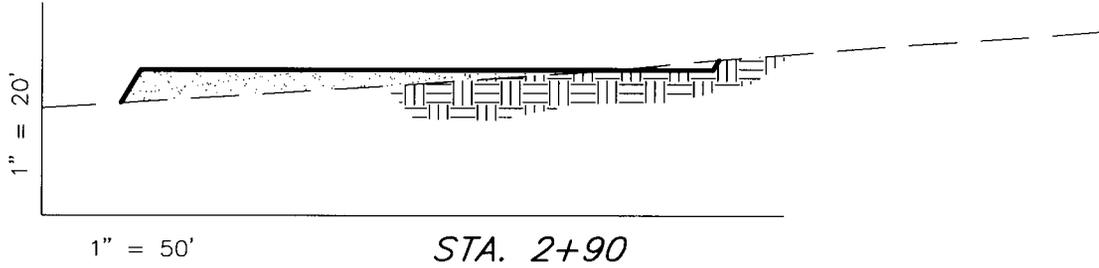
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|-------------------|-----------------|--|
| SURVEYED BY: C.M. | SCALE: 1" = 50' | <p>Tri State Land Surveying, Inc.<br/>180 NORTH VERNAL AVE. VERNAL, UTAH 84078</p> |
| DRAWN BY: F.T.M.  | DATE: 05-09-06  |  |

(435) 781-2501

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS

### S. PLEASANT VALLEY 5-20-9-17



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

#### ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

| ITEM   | CUT   | FILL  | 6" TOPSOIL                         | EXCESS |
|--------|-------|-------|------------------------------------|--------|
| PAD    | 1,560 | 1,560 | Topsoil is not included in Pad Cut | 0      |
| PIT    | 640   | 0     |                                    | 640    |
| TOTALS | 2,200 | 1,560 | 980                                | 640    |

SURVEYED BY: C.M.

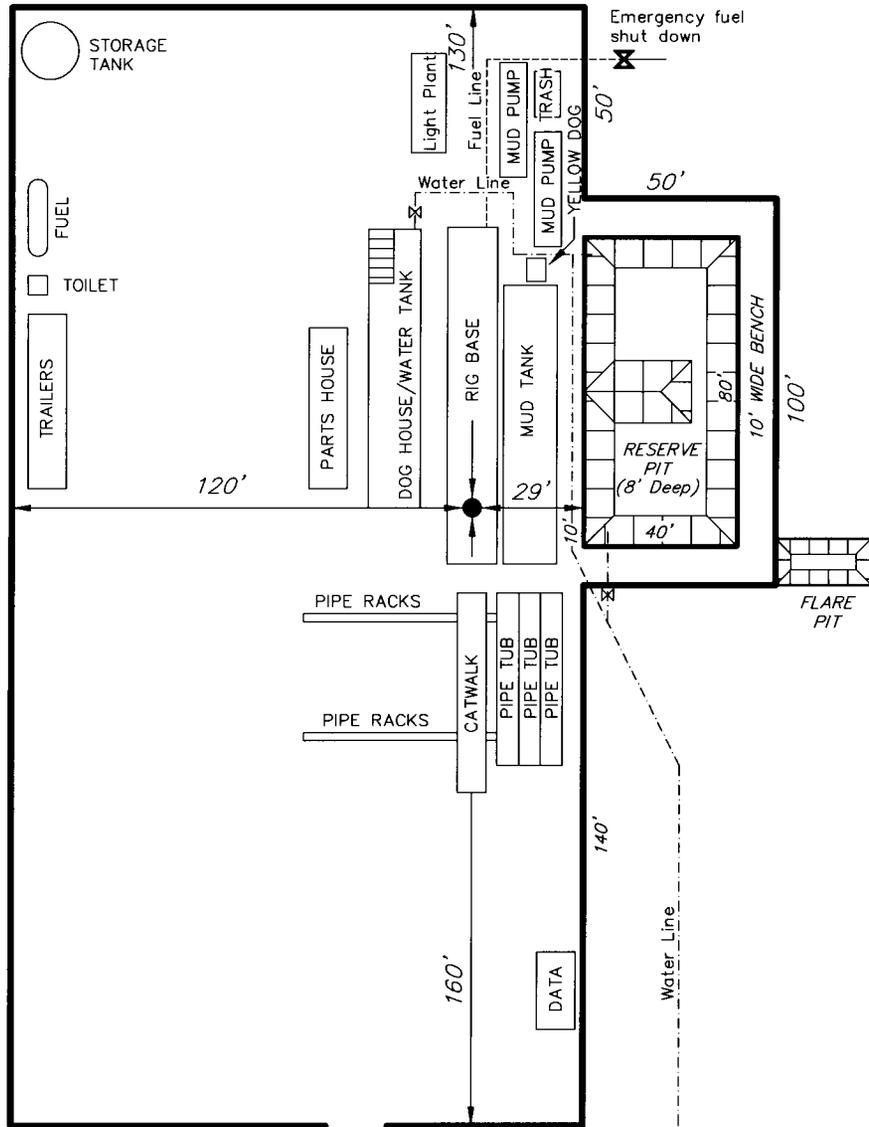
SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 05-09-06

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

**NEWFIELD PRODUCTION COMPANY**  
**TYPICAL RIG LAYOUT**  
**S. PLEASANT VALLEY 5-20-9-17**



|                   |                 |
|-------------------|-----------------|
| SURVEYED BY: C.M. | SCALE: 1" = 50' |
| DRAWN BY: F.T.M.  | DATE: 05-09-06  |


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

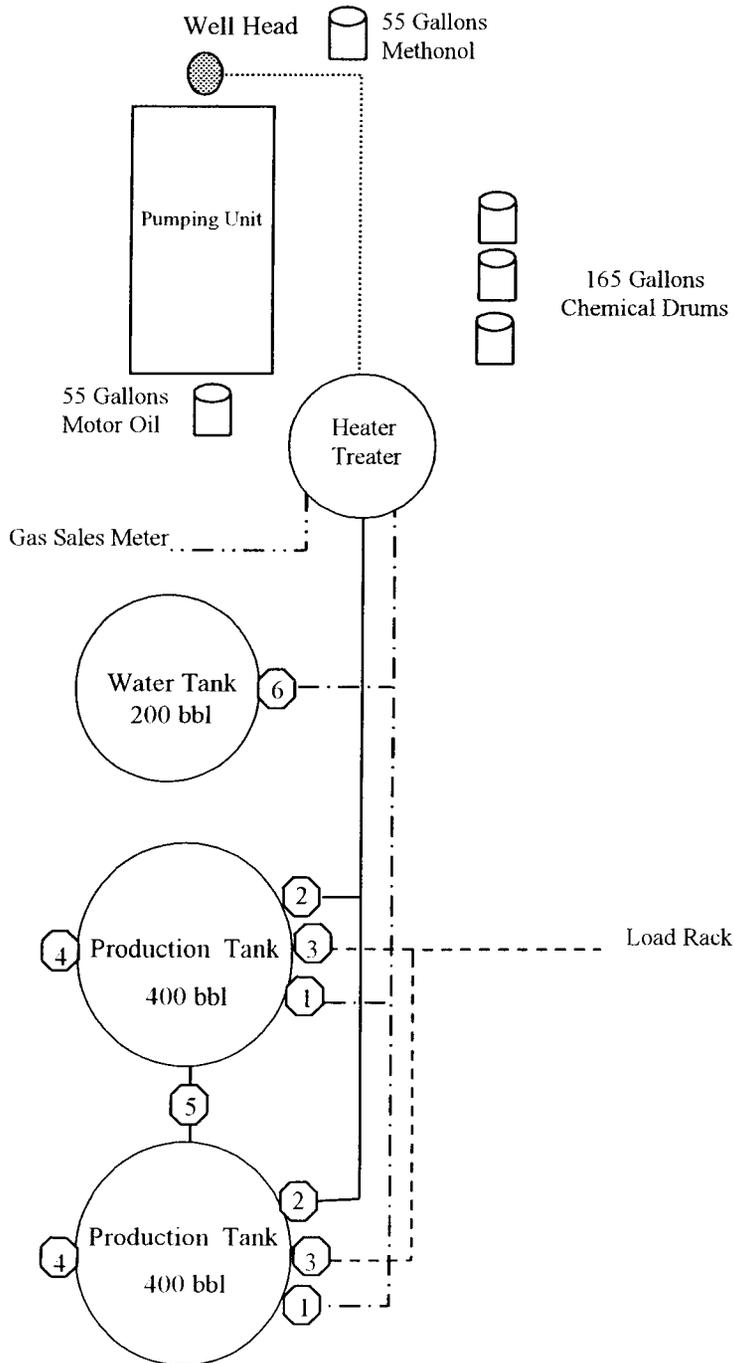
# Newfield Production Company Proposed Site Facility Diagram

Federal 5-20-9-17

SW/NW Sec. 20, T9S, 17E

Duchesne County, Utah

UTU-77369



## Legend

|                      |             |
|----------------------|-------------|
| <b>Emulsion Line</b> | .....       |
| <b>Load Rack</b>     | -----       |
| <b>Water Line</b>    | - - - - -   |
| <b>Gas Sales</b>     | - · - · - · |
| <b>Oil Line</b>      | —————       |

## Production Phase:

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

## Sales Phase:

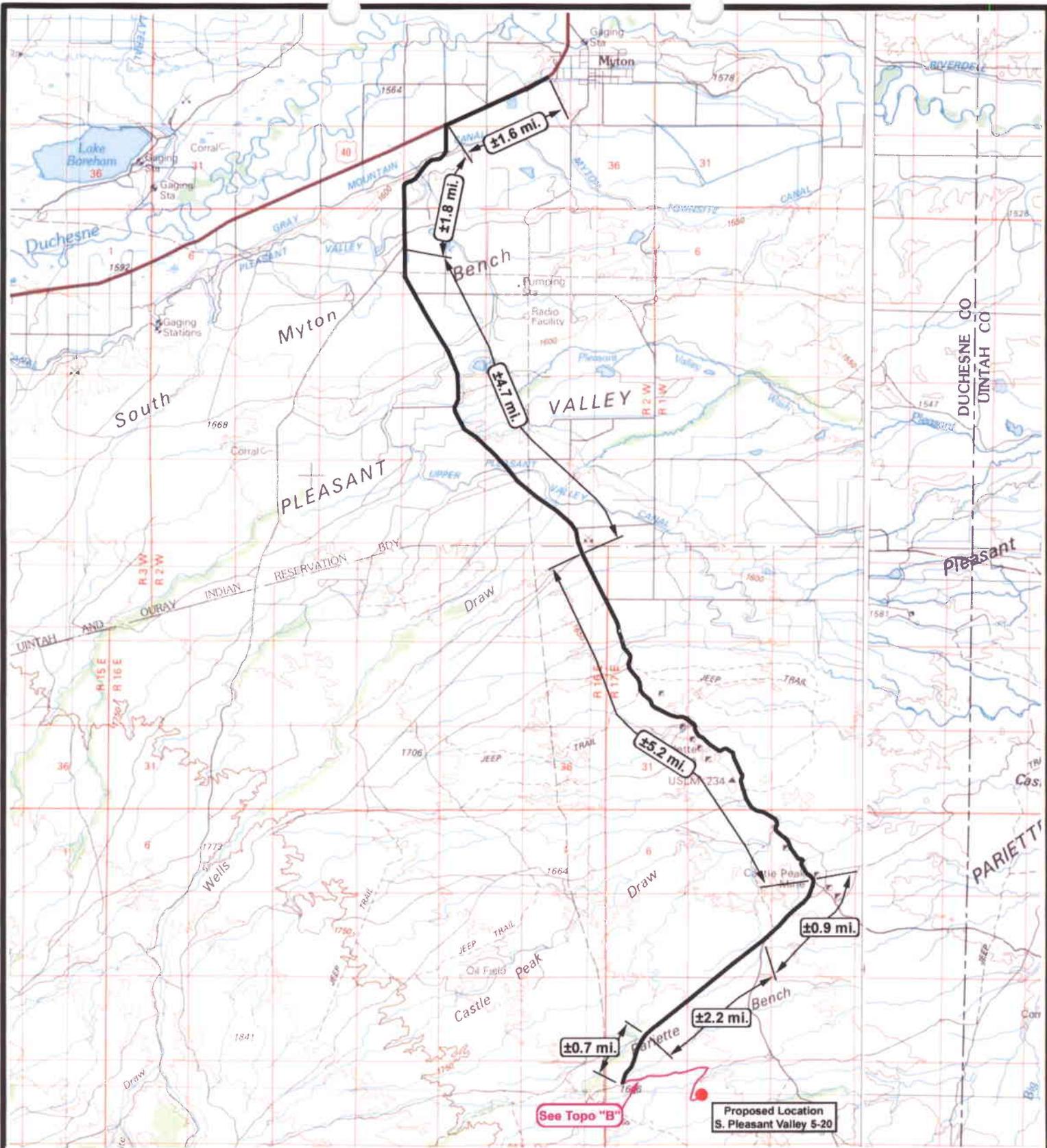
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

## Draining Phase:

- 1) Valves 1 and 6 open

Diked Section






**NEWFIELD**  
Exploration Company

**S. Pleasant Valley 5-20-9-17**  
**SEC. 20, T9S, R17E, S.L.B.&M.**



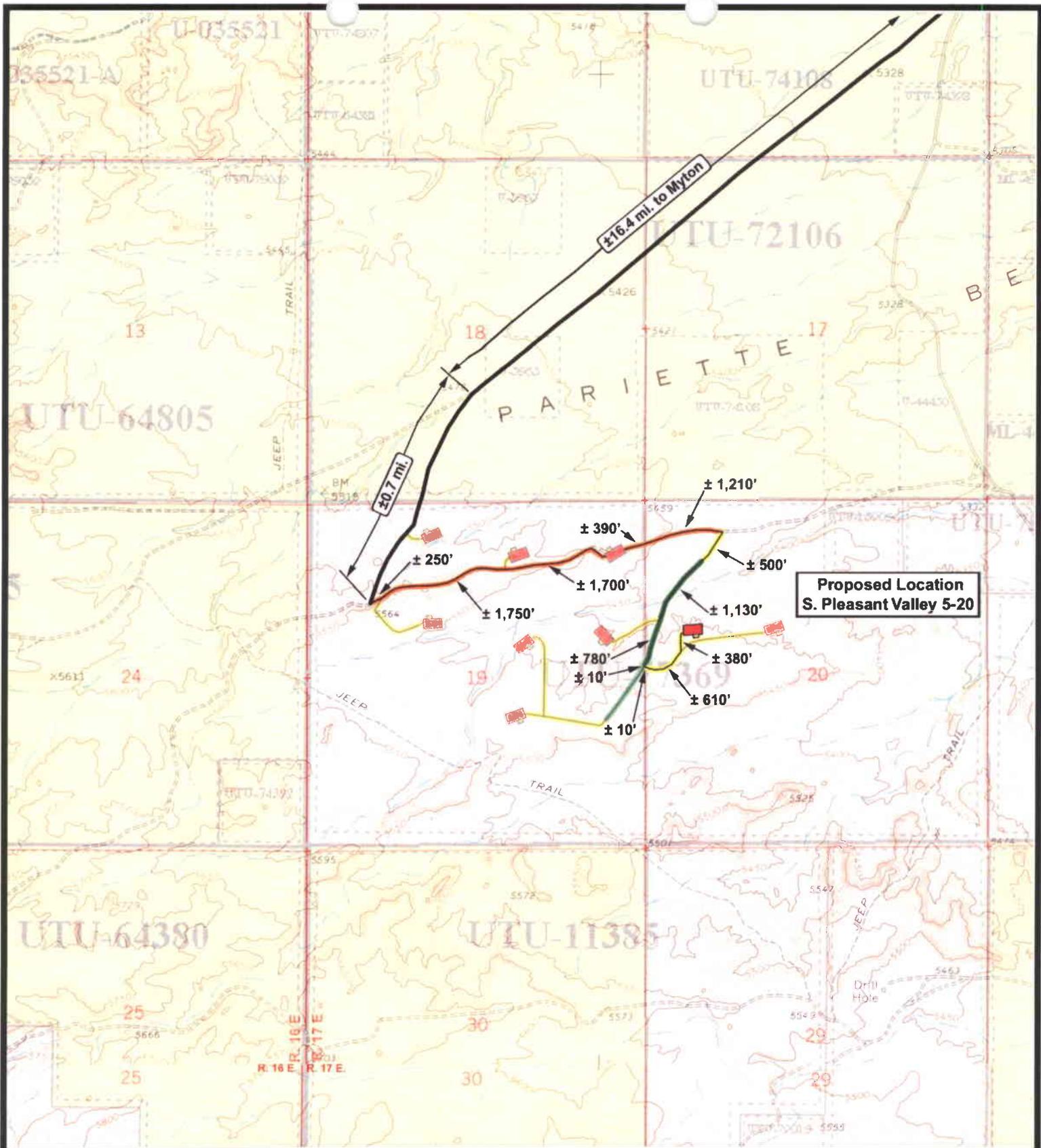

**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000  
DRAWN BY: mw  
DATE: 05-12-2006

**Legend**

-  Existing Road
-  Proposed Access

TOPOGRAPHIC MAP  
**"A"**




**NEWFIELD**  
 Exploration Company

**S. Pleasant Valley 5-20-9-17**  
**SEC. 20, T9S, R17E, S.L.B.&M.**



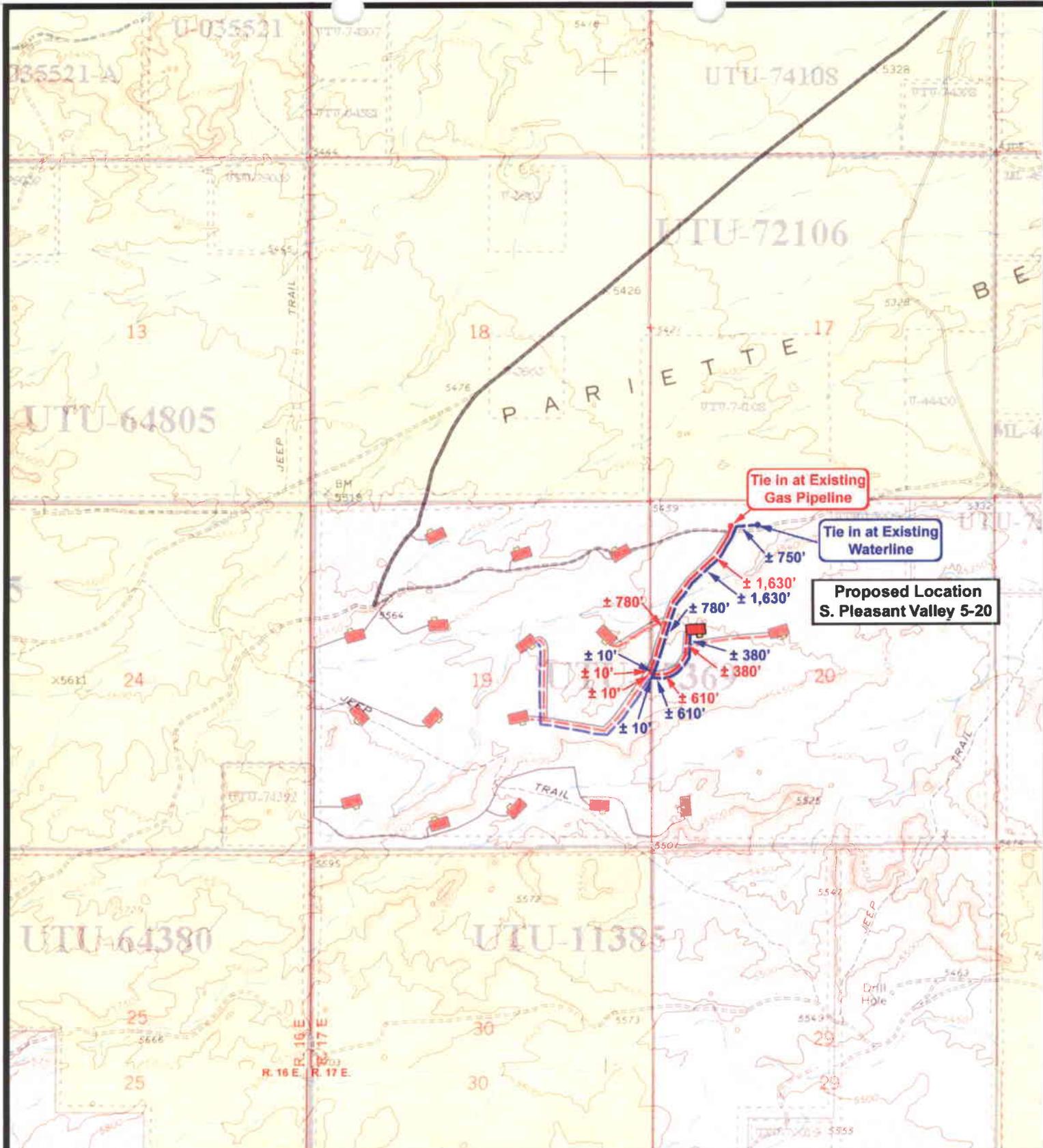
  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
 DRAWN BY: mw  
 DATE: 05-12-2006

**Legend**

-  Existing Road
-  Proposed Access
-  Existing Two-Track
-  Reclaimed Road

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



 **NEWFIELD**  
Exploration Company

**S. Pleasant Valley 5-20-9-17**  
**SEC. 20, T9S, R17E, S.L.B.&M.**



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

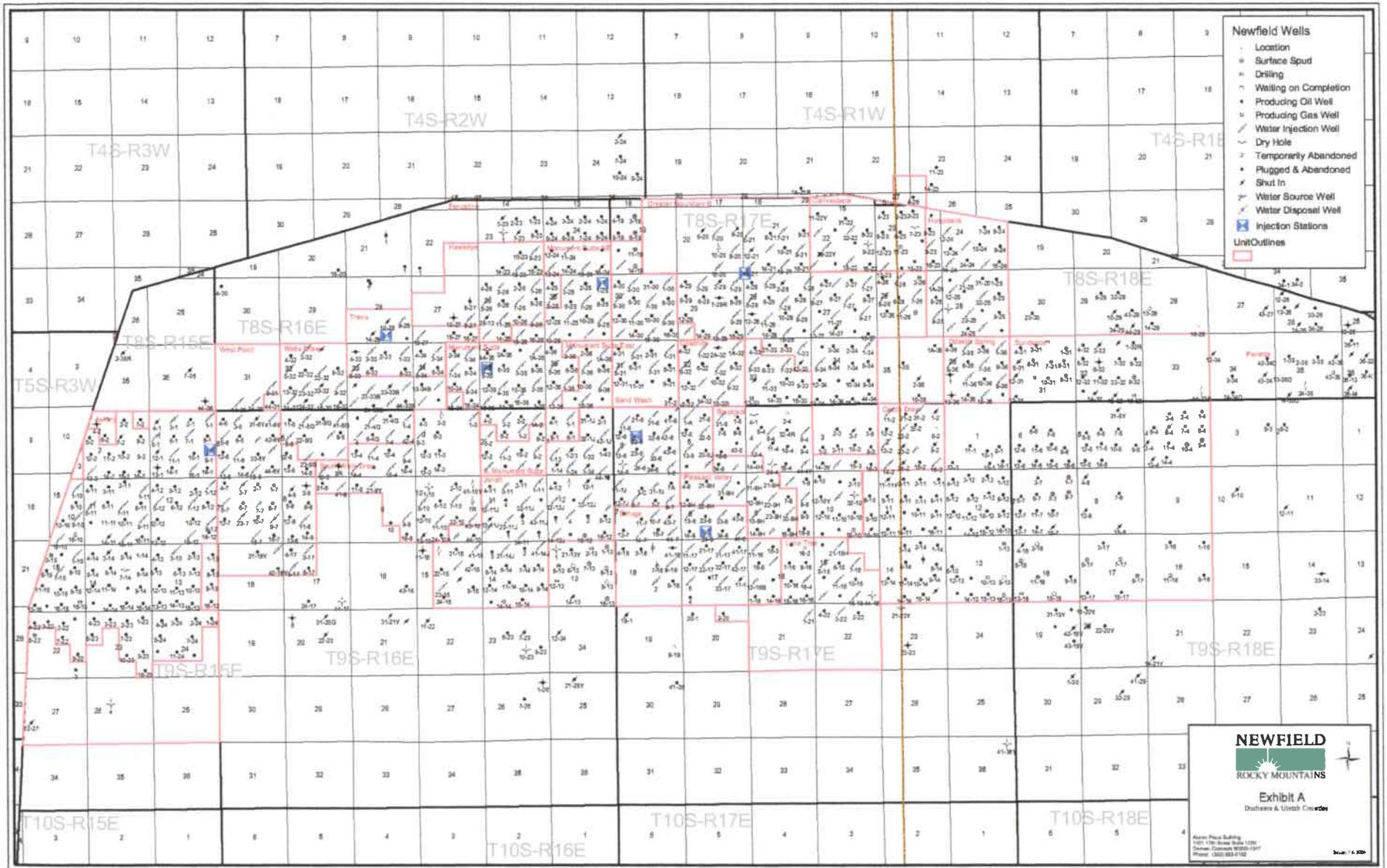
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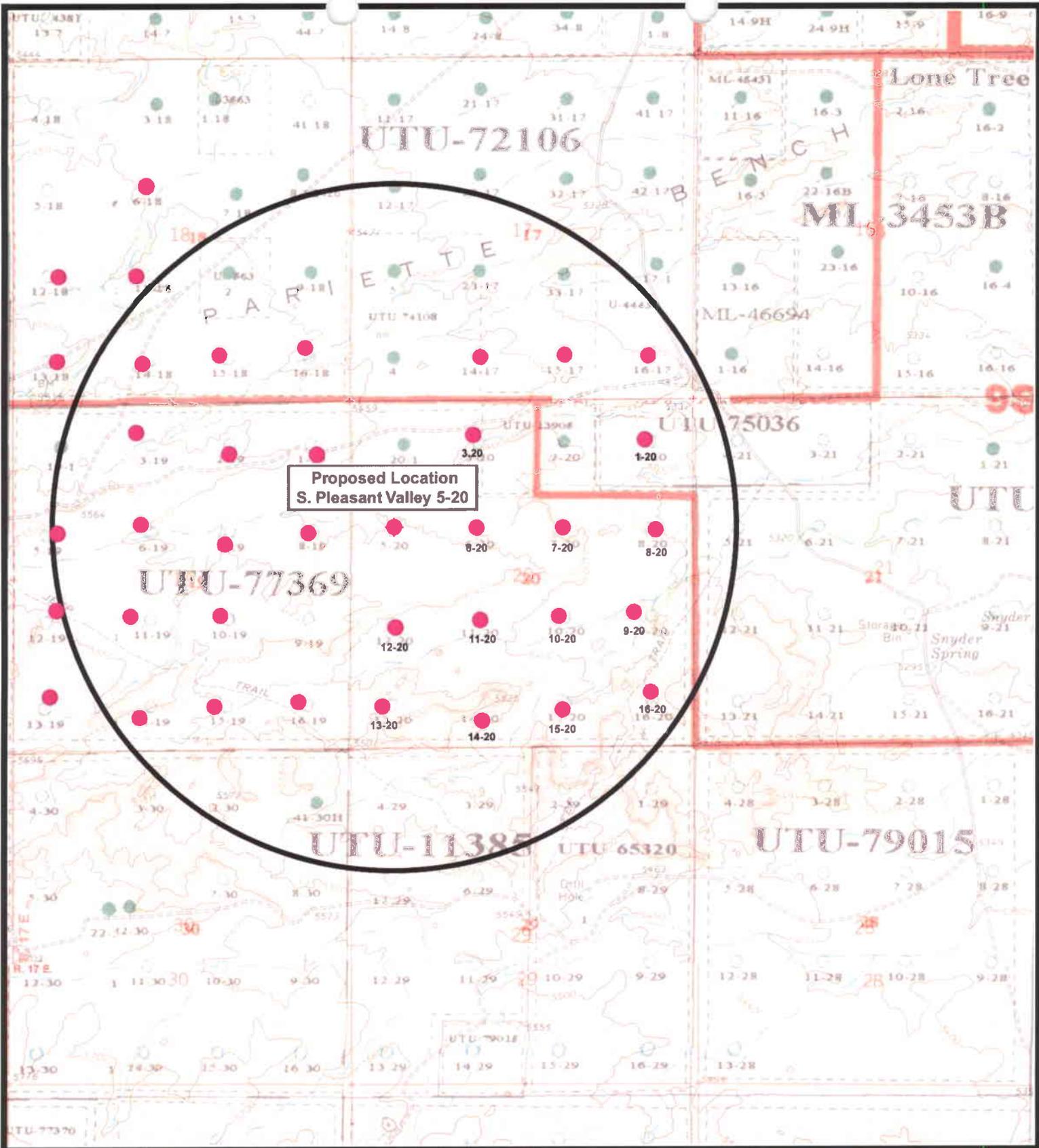
**Legend**

-  Roads
-  Proposed Gas Line
-  Proposed Water Line

**TOPOGRAPHIC MAP**

**"C"**





**NEWFIELD**  
Exploration Company

**S. Pleasant Valley 5-20-9-17**  
**SEC. 20, T9S, R17E, S.L.B.&M.**

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

SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 05-09-2006

**Legend**

- Location
- One-Mile Radius

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

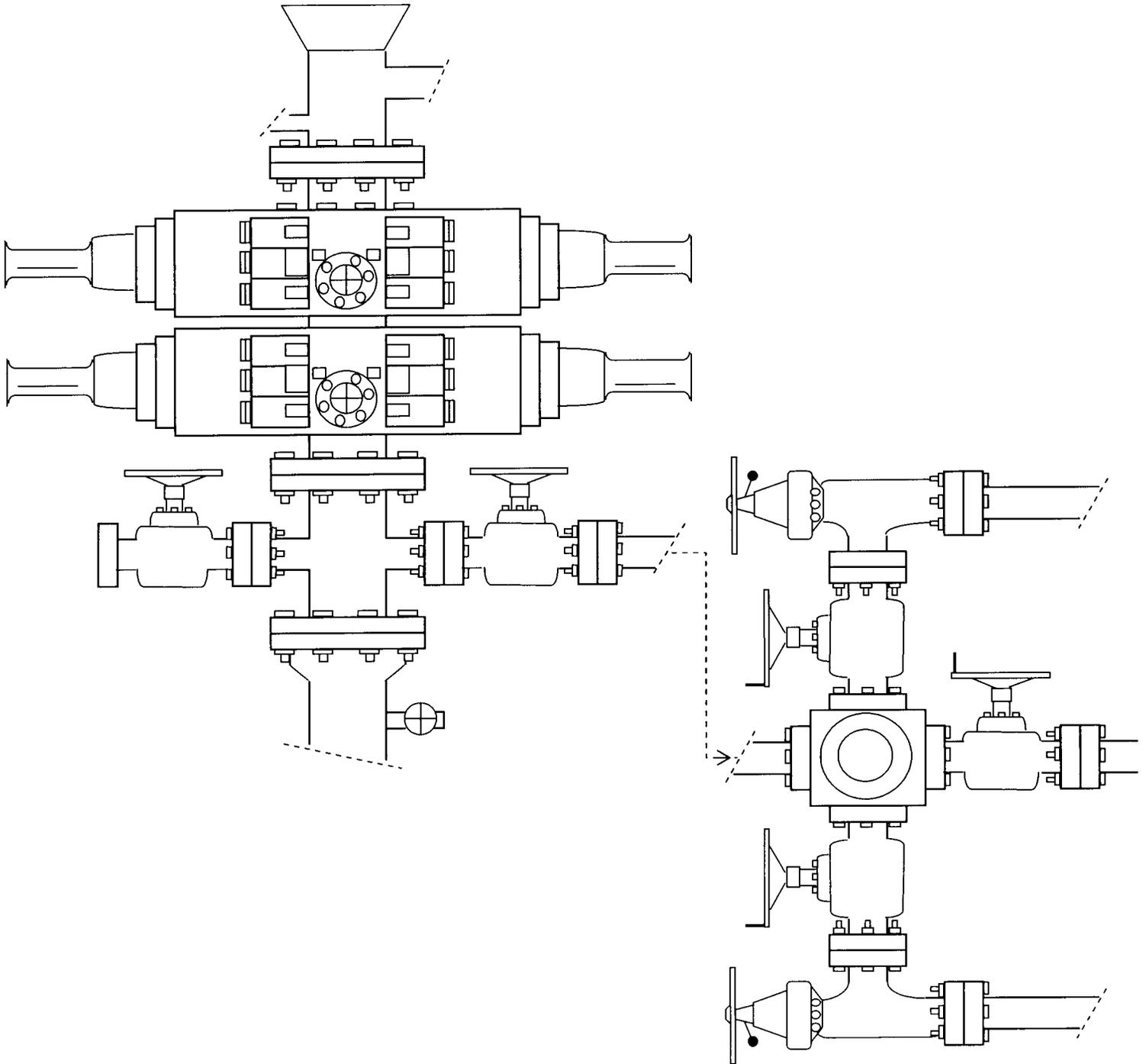


EXHIBIT C

Exhibit "D"

1 of 2

CULTURAL RESOURCE INVENTORY OF  
NEWFIELD EXPLORATION'S BLOCK PARCELS  
IN T9S, R17E, SEC. 19, 20, 21 & 22  
DUCHESNE COUNTY, UTAH

Katie Simon

Prepared For:

Bureau of Land Management  
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company  
Route 3 Box 3630  
Myton, Utah 84052

Prepared By:

Montgomery Archaeological Consultants  
P.O. Box 147  
Moab, Utah 84532

MOAC Report No. 04-206

June 15, 2005

United States Department of Interior (FLPMA)  
Permit No. 05-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-05-MQ-0516b

**NEWFIELD PRODUCTION COMPANY**

**PALEONTOLOGICAL SURVEY OF PROPOSED  
PRODUCTION DEVELOPMENT AREAS,  
DUCHESNE COUNTY, UTAH**

Section 20, T 9 S, R 17 E [entire section excluding the NE 1/4, NE 1/4; NW 1/4, NE 1/4; NE 1/4, NW 1/4; and NW 1/4, NW 1/4]; Section 21, T 9 S, R 17 E [entire section excluding the NE 1/4, NE 1/4], and Section 3, T 9 S, R 16 E, the following parcels [NW 1/4, NE 1/4; SW 1/4, NE 1/4; SE 1/4, NE 1/4; NE 1/4, SE 1/4; NW 1/4, SE 1/4; SW 1/4, SE 1/4 and SE 1/4, SE 1/4].

**REPORT OF SURVEY**

Prepared for:

**Newfield Production Company**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
June 2, 2005

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 06/26/2006

API NO. ASSIGNED: 43-013-33224

WELL NAME: FEDERAL 5-20-9-17  
 OPERATOR: NEWFIELD PRODUCTION ( N2695 )  
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

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

SWNW 20 090S 170E  
 SURFACE: 1981 FNL 0723 FWL  
 BOTTOM: 1981 FNL 0723 FWL  
 COUNTY: DUCHESNE  
 LATITUDE: 40.01829 LONGITUDE: -110.0365  
 UTM SURF EASTINGS: 582224 NORTHINGS: 4430022  
 FIELD NAME: MONUMENT BUTTE ( 105 )

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-77369  
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

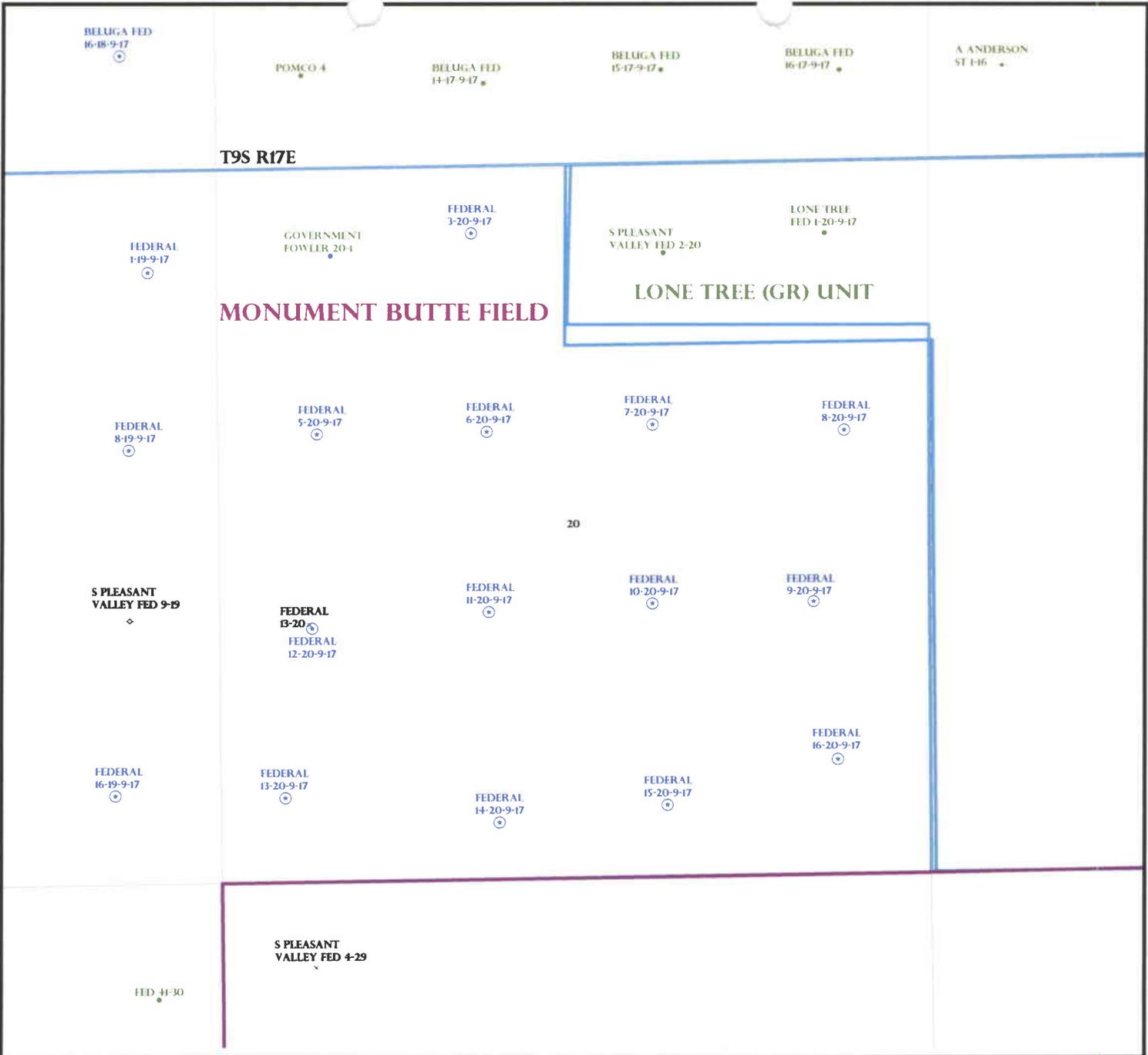
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UTB000192 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. MUNICIPAL )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

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- Federal Approval  
2- Spacing Strip



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 20 T. 9S R. 17E

FIELD: MONUMENT BUTTE (105)

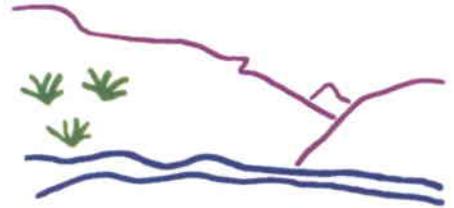
COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

- Field Status**
- ABANDONED
  - ACTIVE
  - COMBINED
  - INACTIVE
  - PROPOSED
  - STORAGE
  - TERMINATED

- Unit Status**
- EXPLORATORY
  - GAS STORAGE
  - NF PP OIL
  - NF SECONDARY
  - PENDING
  - PI OIL
  - PP GAS
  - PP GEOTHERML
  - PP OIL
  - SECONDARY
  - TERMINATED

- Wells Status**
- GAS INJECTION
  - GAS STORAGE
  - LOCATION ABANDONED
  - NEW LOCATION
  - PLUGGED & ABANDONED
  - PRODUCING GAS
  - PRODUCING OIL
  - SHUT-IN GAS
  - SHUT-IN OIL
  - TEMP. ABANDONED
  - TEST WELL
  - WATER INJECTION
  - WATER SUPPLY
  - WATER DISPOSAL
  - DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 28-JUNE-2006



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

June 29, 2006

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

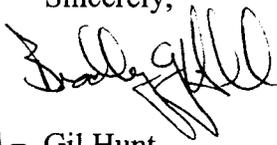
Re: Federal 5-20-9-17 Well, 1981' FNL, 723' FWL, SW NW, Sec. 20, T. 9 South,  
R. 17 East, Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33224.

Sincerely,

  
for Gil Hunt  
Associate Director

pab  
Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal District Office



# RECEIVED

Form 3160-3  
(September 2001)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JUN 26 2006

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

### APPLICATION FOR PERMIT TO DRILL OR REENTER

|  |                         |
|--|-------------------------|
| 5. Lease Serial No.                              | UTU-77369               |
| 6. If Indian, Allottee or Tribe Name             | N/A                     |
| 7. If Unit or CA Agreement, Name and No.         | N/A                     |
| 8. Lease Name and Well No.                       | Federal 5-20-9-17       |
| 9. API Well No.                                  | 43-013-33224            |
| 10. Field and Pool, or Exploratory               | Monument Butte          |
| 11. Sec., T., R., M., or Blk. and Survey or Area | SW/NW Sec. 20, T9S R17E |
| 12. County or Parish                             | Duchesne                |
| 13. State  | UT                      |

|  |   |
|--|---|
| 1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER   |   |
| 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 |   |
| 2. Name of Operator<br>Newfield Production Company   |   |
| 3a. Address<br>Route #3 Box 3630, Myton UT 84052   | 3b. Phone No. (include area code)<br>(435) 646-3721       |
| 4. Location of Well (Report location clearly and in accordance with any State requirements. *)<br>At surface SW/NW 1981' FNL 723' FWL<br>At proposed prod. zone  |   |
| 14. Distance in miles and direction from nearest town or post office*<br>Approximatley 18.8 miles southeast of Myton, Utah   |   |
| 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1981' f/ise, NA' f/unit  | 16. No. of Acres in lease<br>1189.60                      |
| 17. Spacing Unit dedicated to this well<br>40 Acres  |   |
| 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1258'   | 19. Proposed Depth<br>5750'                               |
| 20. BLM/BIA Bond No. on file<br>UTB000192  |   |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.)<br>5457' GL  | 22. Approximate date work will start*<br>4th Quarter 2006 |
| 23. Estimated duration<br>Approximately seven (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, shall be attached to this form:

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

|  |  |                   |
|--|--|-------------------|
| 25. Signature<br>  | Name (Printed/Typed)<br>Mandie Crozier | Date<br>6/20/06   |
| Title<br>Regulatory Specialist   |  |                   |
| Approved by (Signature)<br>  | Name (Printed/Typed)<br>JERRY KENCZKA  | Date<br>2-15-2007 |
| Title<br>Assistant Director<br>Bureau of Land Management<br>Department of the Interior | Office                                 |                   |

Application approval does not warrant or certify the 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.

\*(Instructions on reverse)



## NOTICE OF APPROVAL

# RECEIVED

FEB 21 2007

DIV. OF OIL, GAS & MINING

01BM4868A



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**

Company: Newfield Production Company Location: SWNW, Sec 20, T9S, R17E  
Well No: Federal 5-20-9-17 Lease No: UTU-77369  
API No: 43-013-33224 Agreement: N/A

|                                   |                 |                      |                    |
|-----------------------------------|-----------------|----------------------|--------------------|
| Petroleum Engineer:               | Ryan Angus      | Office: 435-781-4430 | Cell: 435-828-     |
| Petroleum Engineer:               | James Ashley    | Office: 435-781-4470 | Cell: 435-828-7874 |
| Petroleum Engineer:               | Matt Baker      | Office: 435-781-4490 | Cell: 435-828-4470 |
| Petroleum Engineer:               | Michael Lee     | Office: 435-781-4432 |                    |
| Supervisory Petroleum Technician: | Jamie Sparger   | Office: 435-781-4502 | Cell: 435-828-3913 |
| NRS/Environmental Scientist:      | Scott Ackerman  | Office: 435-781-4437 |                    |
| NRS/Environmental Scientist:      | Paul Buhler     | Office: 435-781-4475 | Cell: 435-828-4029 |
| NRS/Environmental Scientist:      | Jannice Cutler  | Office: 435-781-3400 |                    |
| NRS/Environmental Scientist:      | Michael Cutler  | Office: 435-781-3401 |                    |
| NRS/Environmental Scientist:      | Anna Figueroa   | Office: 435-781-3407 |                    |
| NRS/Environmental Scientist:      | Melissa Hawk    | Office: 435-781-4476 |                    |
| NRS/Environmental Scientist:      | Chuck Macdonald | Office: 435-781-4441 |                    |
| NRS/Environmental Scientist:      | Nathan Packer   | Office: 435-781-3405 |                    |
| NRS/Environmental Scientist:      | Verlyn Pindell  | Office: 435-781-3402 |                    |
| NRS/Environmental Scientist:      | Holly Villa     | Office: 435-781-4404 |                    |
| NRS/Environmental Scientist:      | Darren Williams | Office: 435-781-4447 |                    |
| NRS/Environmental Scientist:      | Karl Wright     | Office: 435-781-4484 |                    |

After Hours Contact Number: 435-781-4513 Fax: 435-781-4410

**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 one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

- Location Construction (Notify NRS) - Forty-Eight (48) hours prior to construction of location and access roads.
- Location Completion (Notify NRS) - Prior to moving on the drilling rig.
- Spud Notice (Notify Petroleum Engineer) - Twenty-Four (24) hours prior to spudding the well.
- Casing String & Cementing (Notify Supervisory Petroleum Technician) - Twenty-Four (24) hours prior to running casing and cementing all casing
- BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician) - Twenty-Four (24) hours prior to initiating pressure tests.
- First Production Notice (Notify 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)***

**STIPULATIONS:**

1. The proposed area contains Mountain Plover habitat. With this occurrence there will be a timing restriction from May 15 – June 15.
2. White-tailed prairie dog burrows (Burrowing Owl habitat) were found around the area of the drill site. With the occurrence of the prairie dog burrows (Burrowing Owl habitat) there will be a time restriction from April 1 – August 15.
3. Lease Notices (field review and RMP): Lessee/operator is given notice the area has been identified as containing Golden Eagle habitat. Modifications may be required in the Surface Use Plan to protect the Golden and/or their habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
4. Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.

**Comments:**

The proposed area contains Mountain Plover habitat.

The proposed area contains Burrowing Owl habitat.

If it is anticipated that construction or drilling will occur during the given timing restrictions for any wildlife, a BLM or qualified biologist shall be notified so surveys can be conducted.

Depending upon the results of the surveys, permission to proceed may or may not be recommended or granted (depending on the species being surveyed and the condition of the habitat).

**CONDITIONS OF APPROVAL:**

1. All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
2. All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
3. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
4. The access road will be crowned and ditched. Flat-bladed roads are not allowed.
5. If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
6. Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
7. Pipelines will be buried at all major drainage crossings.

8. Prevent fill and stock piles from entering drainages.
9. The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
10. The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
11. When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
12. If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.
13. If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
14. The interim seed mix for this location shall be:

|  |            |
|--|------------|
| Crested wheatgrass ( <i>Agropyron cristatum</i> ):     | 4 lbs/acre |
| Needle and Threadgrass ( <i>Hesperostipa comata</i> ): | 4 lbs/acre |
| Indian Ricegrass ( <i>Achnatherum hymenoides</i> ):    | 4 lbs/acre |

  - All pounds are in pure live seed.
  - Rates are set for drill seeding; double the rate if broadcasting.
  - Reseeding may be required if initial seeding is not successful.
15. The operator will be responsible for treatment and control of invasive and noxious weeds.
16. The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
17. Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding shall take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
18. The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
19. The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.

20. All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
21. All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
22. Notify the Authorized Officer 48 hours prior to surface disturbing activities.

## ***DOWNHOLE CONDITIONS OF APPROVAL***

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

### **SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

1. A Cement Bond Log (CBL) shall be run from the TD to the top of cement. A field copy of the CBL shall be submitted to the BLM Vernal Field Office for review.

### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. 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. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. 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.

5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

7. The lessee/operator must report encounters of all non oil & gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to a geologist of 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.
8. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover 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.
9. 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.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. 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 pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

10. 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.

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe 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.**

11. 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.  
  
All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
12. Oil and gas meters shall be calibrated in place prior to any deliveries. The 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.
13. 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.
14. This APD is approved subject to the requirement that, 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:
  - a. Operator name, address, and telephone number.
  - b. Well name and number.
  - c. Well location (1/4 1/4, Sec., Twn, Rng, and P.M.).
  - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
  - e. 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).
  - f. 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.

- g. Unit agreement and / or participating area name and number, if applicable.
  - h. Communitization agreement number, if applicable.
15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
  16. 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
  17. 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.
  18. 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.

# DIVISION OF OIL, GAS AND MINING

## **SPUDDING INFORMATION**

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 5-20-9-17

Api No: 43-013-33224 Lease Type: FEDERAL

Section 20 Township 09S Range 17E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

### **SPUDDED:**

Date 03/01/07

Time 10:30 AM

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by RAY HERRERA

Telephone # (435) 823-1990

Date 03/01/07 Signed CHD

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

OPERATOR: NEWFIELD PRODUCTION COMPANY  
 ADDRESS: RT. 3 BOX 3830  
MYTON, UT 84062

OPERATOR ACCT. NO. N2685

| 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              | 12187          | 43-013-33261 | HAWKEYE FEDERAL S-23-8-16 | NW/SE         | 23 | 8S | 18E | DUCHESNE | 3/2/2007  | 3/12/07        |
| WELL 1 COMMENTS:<br>D GRUV BHL = CSE |                    |                |              |                           |               |    |    |     |          |           |                |
| B                                    | 99999              | 12187          | 43-013-33260 | HAWKEYE FEDERAL V-23-8-16 | SE/SE         | 23 | 8S | 16E | DUCHESNE | 3/7/2007  | 3/12/07        |
| D GRUV                               |                    |                |              |                           |               |    |    |     |          |           |                |
| A                                    | 99999              | 15971          | 43-013-33224 | FEDERAL 5-20-9-17         | SW/NW         | 20 | 9S | 17E | DUCHESNE | 3/1/2007  | 3/12/07        |
| GRUV 33224                           |                    |                |              |                           |               |    |    |     |          |           |                |
| A                                    | 99999              | 15972          | 43-013-33193 | FEDERAL 7-19-8-17         | SW/NE         | 19 | 9S | 17E | DUCHESNE | 3/3/2007  | 3/12/07        |
| GRUV                                 |                    |                |              |                           |               |    |    |     |          |           |                |
| A                                    | 99999              | 15973          | 43-013-33194 | FEDERAL 8-19-9-17         | SE/NE         | 19 | 9S | 17E | DUCHESNE | 3/5/2007  | 3/12/07        |
| WELL 5 COMMENTS:<br>GRUV             |                    |                |              |                           |               |    |    |     |          |           |                |
| A                                    | 99999              | 15974          | 43-047-36282 | FEDERAL 11-20-8-18        | NE/SW         | 20 | 8S | 18E | UINTAH   | 3/6/2007  | 3/12/07        |
| WELL 5 COMMENTS:<br>GRUV             |                    |                |              |                           |               |    |    |     |          |           |                |

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

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

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 MAR 07 2007

*Lana Nebeker*  
 Signature LANA NEBEKER  
 Production Analyst  
 Title  
 March 7, 2007  
 Date



# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 324

LAST CASING 8 5/8" set @ 324  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 320' LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

OPERATOR **Newfield Production Company**  
 WELL Federal 5-20-9-17  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # NDSI NS # 1

**LOG OF CASING STRING:**

| PIECES  | OD     | ITEM - MAKE - DESCRIPTION   | WT / FT | GRD   | THREAD | CONDT | LENGTH     |
|---|--------|---|---------|---|--------|-------|------------|
|   |        | Shoe Joint 44.61'   |         |   |        |       |            |
|   |        | WHI - 92 csg head   |         |   | 8rd    | A     | 0.95       |
| 7   | 8 5/8" | Maverick ST&C csg   | 24#     | J-55  | 8rd    | A     | 312.15     |
|   |        | <b>GUIDE</b> shoe   |         |   | 8rd    | A     | 0.9        |
| CASING INVENTORY BAL.                                 |        | FEET  | JTS     | TOTAL LENGTH OF STRING                                    |        |       | 314        |
| TOTAL LENGTH OF STRING                                |        | 314   | 7       | LESS CUT OFF PIECE  |        |       | 2          |
| LESS NON CSG. ITEMS                                   |        | 1.85  |         | PLUS DATUM TO T/CUT OFF CSG                               |        |       | 12         |
| PLUS FULL JTS. LEFT OUT                               |        | 0   |         | CASING SET DEPTH  |        |       | <b>324</b> |
| TOTAL   |        | 312.15  | 7       | } COMPARE   |        |       |            |
| TOTAL CSG. DEL. (W/O THRDS)                           |        | 312.15  | 7       |   |        |       |            |
| TIMING  |        | 1ST STAGE   |         |   |        |       |            |
| BEGIN RUN CSG.  | Spud   | 3/1/2007  | 10:30am | GOOD CIRC THRU JOB <u>Yes</u>                             |        |       |            |
| CSG. IN HOLE  |        | 3/1/2007  | 4:00pm  | Bbls CMT CIRC TO SURFACE <u>8</u>                         |        |       |            |
| BEGIN CIRC  |        | 3/5/2007  | 9:31am  | RECIPROCATED PIPE FOR <u>N/A</u>                          |        |       |            |
| BEGIN PUMP CMT  |        | 3/5/2007  | 9:41am  |   |        |       |            |
| BEGIN DSPL. CMT                                       |        | 3/5/2007  | 9:58am  | BUMPED PLUG TO <u>Did not bump left 138 psi on casing</u> |        |       |            |
| PLUG DOWN   |        | 3/5/2007  |         |   |        |       |            |
| CEMENT USED   |        | CEMENT COMPANY- <b>B. J.</b>  |         |   |        |       |            |
| STAGE   | # SX   | CEMENT TYPE & ADDITIVES   |         |   |        |       |            |
| 1   | 160    | Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield |         |   |        |       |            |
| CENTRALIZER & SCRATCHER PLACEMENT                     |        | SHOW MAKE & SPACING   |         |   |        |       |            |
| Centralizers - Middle first, top second & third for 3 |        |   |         |   |        |       |            |

COMPANY REPRESENTATIVE Jim Smith DATE 3/6/2007

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.

|  |  |   |
|--|--|---|
| 1. Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other |  | 5. Lease Serial No.<br>USA UTU-77369                      |
| 2. Name of Operator<br>NEWFIELD PRODUCTION COMPANY   |  | 6. If Indian, Allottee or Tribe Name.                     |
| 3a. Address    Route 3 Box 3630<br>Myton, UT 84052   | 3b. Phone    (include area code)<br>435.646.3721 | 7. If Unit or CA/Agreement, Name and/or                   |
| 4. Location of Well    (Footage, Sec., T., R., M., or Survey Description)<br>1981 FNL 723 FWL<br><br>SWNW Section 20 T9S R17E    |  | 8. Well Name and No.<br>FEDERAL 5-20-9-17                 |
|  |  | 9. API Well No.<br>4301333224                             |
|  |  | 10. Field and Pool, or Exploratory Area<br>MONUMENT BUTTE |
|  |  | 11. County or Parish, State<br>DUCHESNE, UT               |

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

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

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

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

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

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

**RECEIVED  
APR 18 2007  
DIV. OF OIL, GAS & MINING**

|  |                                |
|--|--------------------------------|
| I hereby certify that the foregoing is true and correct (Printed/ Typed)<br>Mandie Crozier | Title<br>Regulatory Specialist |
| Signature<br><i>Mandie Crozier</i>   | Date<br>04/16/2007             |

|   |        |      |
|---|--------|------|
| 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.

(Instructions on reverse)

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-77369

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE 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.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
FEDERAL 5-20-9-17

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301333224

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:  
MONUMENT BUTTE

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 1981 FNL 723 FWL COUNTY: DUCHESNE  
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNW, 20, T9S, R17E STATE: UT

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

| TYPE OF SUBMISSION  | TYPE OF ACTION  |   |   |
|---|---|---|---|
| <input type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br>Approximate date work will<br>_____                             | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION            |
|   | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL                 |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br>Date of Work Completion:<br><u>04/26/2007</u> | <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 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 04/13/07, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk  
SIGNATURE  DATE 04/26/2007

(This space for State use only)

**RECEIVED**  
**APR 27 2007**  
DIV. OF OIL, GAS & MINING

## Daily Activity Report

Format For Sundry

**FEDERAL 5-20-9-17**

2/1/2007 To 6/30/2007

**4/4/2007 Day: 1**

**Completion**

Rigless on 4/3/2007 - Instal 5K frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ crane & run CBL under pressure. WLTD @ 5620' & cement top @ 54'. Perforate stage #1, LODC sds @ 5020-43' w/ 3-1/8" Slick Guns (23 gram, .49"HE, 120°) w/ 4 spf for total of 92 shots. 134 bbls EWTR. SIFN.

**4/6/2007 Day: 2**

**Completion**

Rigless on 4/5/2007 - RU BJ Services. 19 psi on well. Frac LODC sds w/ 70,092#'s of 20/40 sand in 550 bbls of Lightning 17 fluid. Broke @ 3024 psi. Treated w/ ave pressure of 2680 psi @ ave rate of 23.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2610 psi. Leave pressure on well. 684 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 7', 7' & 10' perf gun. Set plug @ 5800'. Perforate A.5 sds @ 4697-4704', B1 sds @ 4649- 4656', 4610- 4620' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 96 shots. RU BJ Services. 1867 psi on well. Frac A.5 & B1 sds w/ 64,966#'s of 20/40 sand in 504 bbls of Lightning 17 fluid. Broke @ 3920 psi. Treated w/ ave pressure of 1685 psi @ ave rate of 25.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2040 psi. Leave pressure on well. 1188 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 6' perf gun. Set plug @ 4510'. Perforate D2 sds @ 4407-4413' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 24 shots. RU BJ Services. 1450 psi on well. Pressured up to 4200 psi, Would not breakdown. RU Lonew Wolf WL & dump bail acid. RU BJ Services. 1280 psi on well. Frac D2 sds w/ 15,807#'s of 20/40 sand in 235 bbls of Lightning 17 fluid. Broke @ 2080 psi. Treated w/ ave pressure of 1983 psi @ ave rate of 25.1 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 1630 psi. Leave pressure on well. 1423 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 10' perf gun. Set plug @ 3960'. Perforate GB4 sds @ 3853-3863' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 40 shots. RU BJ Services. 1365 psi on well. Frac GB4 sds w/ 63,748#'s of 20/40 sand in 499 bbls of Lightning 17 fluid. Broke @ 3593 psi. Treated w/ ave pressure of 1805 psi @ ave rate of 25.1 BPM. ISIP 2192 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 5 hrs & died. Rec 300 BTF. SIWFN w/ 1623 BWTR.

**4/12/2007 Day: 3**

**Completion**

Western #4 on 4/11/2007 - MIRU Western #4. No pressure on well. ND Cameron BOP & 5M frac head. Install 3M production tbg head & NU Weatherford Schaeffer BOP. Talley, drift, PU & TIH W/ used Weatherford 4 3/4" "Chomp" bit, bit sub & new 2 7/8 8rd 6.5# J-55 tbg. Tag sd @ 3928'. Tbg displaced 9 BW on TIH. RU power swivel. C/O sd & drill out composite bridge plugs as follows (using conventional circulation): sd @ 3928', plug @ 3960' in 22 minutes; sd @ 4454', plug @ 4510' in 18 minutes; sd @ 4790', plug @ 4800' in 26 minutes. Hang back swivel & con't PU tbg. Tag fill @ 5474'. PU swivel. Drill plug remains & sd to PBD @ 5654'. Circ hole clean W/ no fluid loss. RD swivel. Pull EOT to 5587'. RU swab equipment. IFL @ sfc. Made 9 swb runs rec 106 BTF W/ sm tr sd. FFL @ 800'. SIFN W/ est 1508 BWTR.

**4/13/2007 Day: 4****Completion**

Western #4 on 4/12/2007 - No pressure on well. TIH W/ bit and tbg f/ 5587'. Tag sd @ 5646' (8' new fill). C/O sd to PBD @ 5654'. Circ hole clean. Lost est 25 BW & rec sm tr oil. LD excess tbg. TOH W/ tbg--LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 2 jts tbg, new CDI 5 1/2" TA (45K) & 151 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 4995' W/ SN @ 5064' & EOT @ 5131'. Land tbg W/ 16,000# tension. NU wellhead. RU & flush tbg W/ 60 BW (circulated). PU & TIH W/ pump and "A" grade rod string to 2400'. PU polished rod & SIFN. Est 1533 BWTR

---

**4/14/2007 Day: 5****Completion**

Western #4 on 4/13/2007 - Con't PU & TIH W/ pump and rod string f/ 2400' (complete as follows): new CDI 2 1/2" X 1 1/2" X 20' RHAC pump, 6-1 1/2" weight rods, 10-3/4" scraped rods, 86-3/4" plain rods, 99-3/4" scraped rods, 1-8', 1-6', 1-4' & 1-2' X 3/4" pony rods and 1 1/2" X 22' polished rod. Seat pump & RU pumping unit. W/ tbg full, pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 1533 BWTR. Place well on production @ 9:00 AM 4/13/2007 W/ 120" SL @ 5 SPM. FINAL REPORT!!

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**Pertinent Files: Go to File List**

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

5. LEASE DESIGNATION AND SERIAL NO.

**UTU-77369**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
align="center">**NA**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

1a. TYPE OF WORK

OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

7. UNIT AGREEMENT NAME

**Federal**

1b. TYPE OF WELL

NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF RESVR.  Other \_\_\_\_\_

8. FARM OR LEASE NAME, WELL NO.

**Federal 5-20-9-17**

2. NAME OF OPERATOR

**Newfield Exploration Company**

9. WELL NO.

**43-013-33224**

3. ADDRESS AND TELEPHONE NO.

**1401 17th St. Suite 1000 Denver, CO 80202**

10. FIELD AND POOL OR WILDCAT

**Monument Butte**

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.\*)

At Surface **1981" FNL & 723' FWL (SW/NW) Sec. 20, T9S, R17E**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

**Sec. 20, T9S, R17E**

At top prod. Interval reported below

At total depth

14. API NO. **43-013-33224** DATE ISSUED **06/29/06**

12. COUNTY OR PARISH

**Duchesne**

13. STATE

**UT**

15. DATE SPUNDED

**03/01/07**

16. DATE T.D. REACHED

**03/23/07**

17. DATE COMPL. (Ready to prod.)

**04/13/07**

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

**5457' GL**

19. ELEV. CASINGHEAD

**5469' KB**

20. TOTAL DEPTH, MD & TVD

**5700'**

21. PLUG BACK T.D., MD & TVD

**5654'**

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY  
----->

ROTARY TOOLS

**X**

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

**Green River 3853'-5043'**

25. WAS DIRECTIONAL SURVEY MADE

**No**

26. TYPE ELECTRIC AND OTHER LOGS RUN

**Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log**

27. WAS WELL CORED

**No**

23. CASING RECORD (Report all strings set in well)

| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD         | AMOUNT PULLED |
|-------------------|-----------------|----------------|-----------|---|---------------|
| 8-5/8" - J-55     | 24#             | 324'           | 12-1/4"   | To surface with 160 sx Class "G" cmt    |               |
| 5-1/2" - J-55     | 15.5#           | 5700'          | 7-7/8"    | 300 sx Premlite II and 400 sx 50/50 Poz |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          |             |               |             | 2-7/8" | EOT @ 5131'    | TA @ 4995'      |

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

| INTERVAL                                  | SIZE | SPF/NUMBER | DEPTH INTERVAL (MD) | ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.   |
|---|------|------------|---------------------|--|
| (LODC) 5020'-5043'                        | .49" | 4/92       | 5020'-5043'         | Frac w/ 70,092# 20/40 sand in 550 bbls fluid |
| B1) 4697'-4704', 4649'-4656', 4610'-4620' | .43" | 4/96       | 4610'-4704'         | Frac w/ 64,966# 20/40 sand in 504 bbls fluid |
| (D2) 4407'-4413'                          | .43" | 4/24       | 4407'-4413'         | Frac w/ 15,807# 20/40 sand in 235 bbls fluid |
| (GB4) 3853'-3863'                         | .43" | 4/40       | 3853'-3863'         | Frac w/ 63,748# 20/40 sand in 499 bbls fluid |

33.\* PRODUCTION

|  |  |  |                                   |                        |                        |                          |                             |
|--|--|--|-----------------------------------|------------------------|------------------------|--------------------------|-----------------------------|
| DATE FIRST PRODUCTION<br><b>04/13/07</b> | PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)<br><b>2-1/2" x 1-1/2" x 20' RHAC SM Plunger Pump</b> | WELL STATUS (Producing or shut-in)<br><b>PRODUCING</b> |                                   |                        |                        |                          |                             |
| DATE OF TEST<br><b>10 day ave</b>        | HOURS TESTED   | CHOKE SIZE   | PROD'N. FOR TEST PERIOD<br>-----> | OIL--BBL.<br><b>35</b> | GAS--MCF.<br><b>22</b> | WATER--BBL.<br><b>38</b> | GAS-OIL RATIO<br><b>629</b> |
| FLOW. TUBING PRESS.                      | CASING PRESSURE  | CALCULATED 24-HOUR RATE<br>----->                      | OIL--BBL.                         | GAS--MCF.              | WATER--BBL.            | OIL GRAVITY-API (CORR.)  |                             |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

**Sold & Used for Fuel**

TEST WITNESSED BY  
**MAY 02 2007**

35. LIST OF ATTACHMENTS

DIV. OF OIL, GAS & MINING

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED *Jentri Park* TITLE **Production Clerk** DATE **5/1/2007**

Jentri Park

JP

\*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (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);

38. GEOLOGIC MARKERS

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC.    | NAME                  | TOP         |                  |
|-----------|-----|--------|--------------------------------|-----------------------|-------------|------------------|
|           |     |        |                                |                       | MEAS. DEPTH | TRUE VERT. DEPTH |
|           |     |        | Well Name<br>Federal 5-20-9-17 | Garden Gulch Mkr      | 3365'       |                  |
|           |     |        |                                | Garden Gulch 1        | 3560'       |                  |
|           |     |        |                                | Garden Gulch 2        | 3675'       |                  |
|           |     |        |                                | Point 3 Mkr           | 3935'       |                  |
|           |     |        |                                | X Mkr                 | 4178'       |                  |
|           |     |        |                                | Y-Mkr                 | 4212'       |                  |
|           |     |        |                                | Douglas Creek Mkr     | 4334'       |                  |
|           |     |        |                                | BiCarbonate Mkr       | 4557'       |                  |
|           |     |        |                                | B Limestone Mkr       | 4663'       |                  |
|           |     |        |                                | Castle Peak           | 5170'       |                  |
|           |     |        |                                | Basal Carbonate       | 5615'       |                  |
|           |     |        |                                | Total Depth (LOGGERS) | 5702'       |                  |

RECEIVED  
MAY 02 2007  
DIV. OF OIL, GAS & MINING

| STATE OF UTAH<br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING   |  | FORM 9  |
|--|--|---|
|  |  | <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>UTU-77369   |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b>   |  | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  |
| Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.   |  | <b>7. UNIT or CA AGREEMENT NAME:</b><br>GMBU (GRRV)   |
| <b>1. TYPE OF WELL</b><br>Oil Well   |  | <b>8. WELL NAME and NUMBER:</b><br>FEDERAL 5-20-9-17  |
| <b>2. NAME OF OPERATOR:</b><br>NEWFIELD PRODUCTION COMPANY   |  | <b>9. API NUMBER:</b><br>43013332240000   |
| <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>MONUMENT BUTTE  |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>1981 FNL 0723 FWL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: SWNW Section: 20 Township: 09.0S Range: 17.0E Meridian: S  |  | <b>COUNTY:</b><br>DUCHESNE  |
|  |  | <b>STATE:</b><br>UTAH   |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  |  |   |
| <b>TYPE OF SUBMISSION</b>  | <b>TYPE OF ACTION</b>  |   |
| <input type="checkbox"/> NOTICE OF INTENT<br>Approximate date work will start:<br><br><input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>Date of Work Completion:<br>1/22/2013<br><br><input type="checkbox"/> SPUD REPORT<br>Date of Spud:<br><br><input type="checkbox"/> DRILLING REPORT<br>Report Date:  | <input type="checkbox"/> ACIDIZE<br><input type="checkbox"/> ALTER CASING<br><input type="checkbox"/> CASING REPAIR<br><input type="checkbox"/> CHANGE TO PREVIOUS PLANS<br><input type="checkbox"/> CHANGE TUBING<br><input type="checkbox"/> CHANGE WELL NAME<br><input checked="" type="checkbox"/> CHANGE WELL STATUS<br><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS<br><input checked="" type="checkbox"/> CONVERT WELL TYPE<br><input type="checkbox"/> DEEPEN<br><input type="checkbox"/> FRACTURE TREAT<br><input type="checkbox"/> NEW CONSTRUCTION<br><input type="checkbox"/> OPERATOR CHANGE<br><input type="checkbox"/> PLUG AND ABANDON<br><input type="checkbox"/> PLUG BACK<br><input type="checkbox"/> PRODUCTION START OR RESUME<br><input type="checkbox"/> RECLAMATION OF WELL SITE<br><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION<br><input type="checkbox"/> REPERFORATE CURRENT FORMATION<br><input type="checkbox"/> SIDETRACK TO REPAIR WELL<br><input type="checkbox"/> TEMPORARY ABANDON<br><input type="checkbox"/> TUBING REPAIR<br><input type="checkbox"/> VENT OR FLARE<br><input type="checkbox"/> WATER DISPOSAL<br><input type="checkbox"/> WATER SHUTOFF<br><input type="checkbox"/> SI TA STATUS EXTENSION<br><input type="checkbox"/> WILDCAT WELL DETERMINATION<br><input type="checkbox"/> OTHER<br><input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/> |   |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.   |  |   |
| <p>The subject well has been converted from a producing oil well to an injection well on 01/21/2013. Initial MIT on the above listed well. On 01/22/2013 the casing was pressured up to 1265 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 10 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-09776</p> |  | <p><b>Accepted by the<br/>Utah Division of<br/>Oil, Gas and Mining<br/>FOR RECORD ONLY<br/>January 28, 2013</b></p> |
| <b>NAME (PLEASE PRINT)</b><br>Lucy Chavez-Naupoto  | <b>PHONE NUMBER</b><br>435 646-4874  | <b>TITLE</b><br>Water Services Technician   |
| <b>SIGNATURE</b><br>N/A  |  | <b>DATE</b><br>1/25/2013  |

## Mechanical Integrity Test

### Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 1 / 22 / 13

Test conducted by: Brendan Curry

Others present: \_\_\_\_\_

|  |                                   |                  |
|--|-----------------------------------|------------------|
| Well Name: <u>Federal 5-20-9-17</u>  | Type: ER SWD                      | Status: AC TA UC |
| Field: <u>Greater Monument Butte</u>                                       |                                   |                  |
| Location: <u>5</u> Sec: <u>20</u> T <u>9</u> N <u>10</u> R <u>17</u> E / W | County: <u>Duchesne</u>           | State: <u>UT</u> |
| Operator: <u>Newfield Production Company</u>                               |                                   |                  |
| Last MIT: _____ / _____ / _____  | Maximum Allowable Pressure: _____ | PSIG             |

097716

Is this a regularly scheduled test?     Yes     No  
 Initial test for permit?                 Yes     No  
 Test after well rework?                  Yes     No  
 Well injecting during test?              Yes     No      If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: \_\_\_\_\_ psig

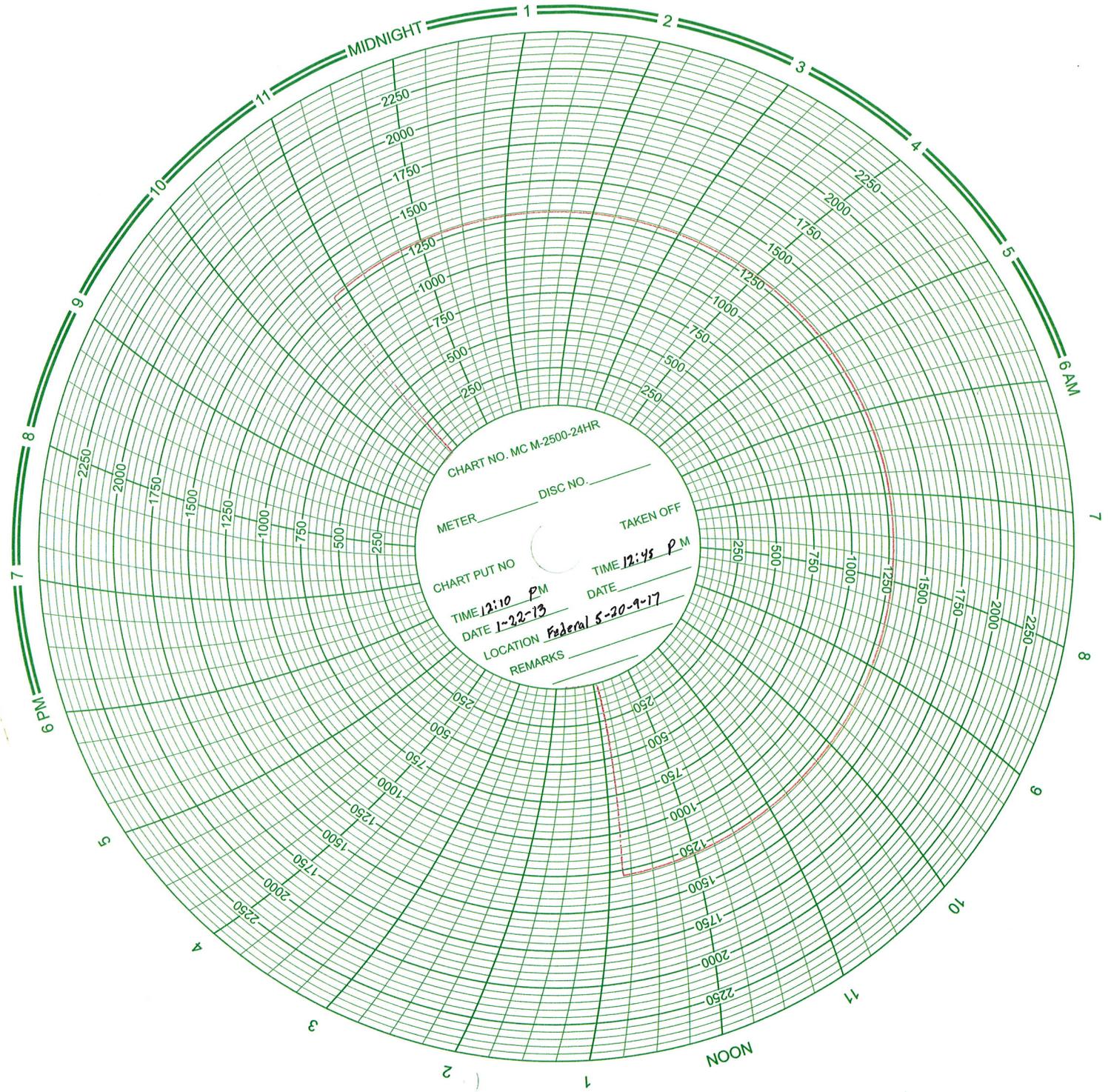
| MIT DATA TABLE                          | Test #1  | Test #2   | Test #3   |
|---|--|---|---|
| <b>TUBING PRESSURE</b>                  |  |   |   |
| Initial Pressure                        | 10      psig   | psig  | psig  |
| End of test pressure                    | 10      psig   | psig  | psig  |
| <b>CASING / TUBING ANNULUS PRESSURE</b> |  |   |   |
| 0 minutes                               | 1265      psig   | psig  | psig  |
| 5 minutes                               | 1265      psig   | psig  | psig  |
| 10 minutes                              | 1265      psig   | psig  | psig  |
| 15 minutes                              | 1265      psig   | psig  | psig  |
| 20 minutes                              | 1265      psig   | psig  | psig  |
| 25 minutes                              | 1265      psig   | psig  | psig  |
| 30 minutes                              | 1265      psig   | psig  | psig  |
| _____ minutes                           | psig   | psig  | psig  |
| _____ minutes                           | psig   | psig  | psig  |
| <b>RESULT</b>                           | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail | <input type="checkbox"/> Pass <input type="checkbox"/> Fail | <input type="checkbox"/> Pass <input type="checkbox"/> Fail |

Does the annulus pressure build back up after the test?     Yes     No

## MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: \_\_\_\_\_



## Daily Activity Report

Format For Sundry

FEDERAL 5-20-9-17

11/1/2012 To 3/28/2013

1/18/2013 Day: 1

Conversion

Wildcat Enregy Services #2 on 1/18/2013 - MOVED RIG FROM 3-30-9-18 TO LOCATION CLEANED HARD OIL AWAY FROM WELHEAD, SPOT IN AND RIGGED UP SERVICE UNIT, SDFN - MOVED RIG FROM 3-30-9-18 TO LOCATION CLEANED HARD OIL AWAY FROM WELHEAD, SPOT IN AND RIGGED UP SERVICE UNIT, SDFN

Daily Cost: \$0

Cumulative Cost: \$13,330

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1/22/2013 Day: 3

Conversion

Wildcat Enregy Services #2 on 1/22/2013 - 55 TBG PUP, (1) 2 7/8 X 2 3/8 XOVER, (1) 5 1/2 ARROW SET 1X PACKER, - PUMPED 20 BW DOWN TBG @ 250 DEG, TALLY OUT OF HOLE (BREAKING AND APPLYING LIQUID O RING TO EVERY COLLAR) ANOTHER (40) JTS OF 2 7/8 J-55 TBG (E-GRD) INSPECT, THICK OIL PUMPED 30 BW DOWN TBG @ 250 DEG. CONT OUT OF HOLE ANOTHER(49) JTS OF 2 7/8 J-55 TBG (E-GRD) INSPECT, LAYED DOWN (37) JTS OF 2 7/8 J-55 TBG (E-GRD) INSPECT,(1) 2 7/8 TAC, (2) JTS OF 2 7/8 J-55 TBG (E-GRD) BAD, (1) 2 7/8 SN, (2) JTS OF 2 7/8 J-55 TBG (E-GRD) BAD, (1) 2 7/8 NC (E-GRD) INSPECT. MU (1) 2 3/8 WIRELINE RE-ENTRY GUIDE, (1) 2 3/8 X 1.875 XN PROFILE, (1) 2 3/8 J-55 TBG PUP, (1) 2 7/8 X 2 3/8 XOVER, (1) 5 1/2 ARROW SET 1X PACKER, (1) ON/OFF TOOL WITH 1.875 X PROFILE AND (1) 2 7/8 SEAT NIPPLE. RIH WITH (115) JTS OF 2 7/8 J-55 TBG PUMPED 10 BW DOWN TBG DROPPED 2 7/8 STANDING VALVE FILLED TBG WITH 15 BW PRESSURE TESTED TO 3K HELD FOR 30 MINUTES, FISHED STANDING VALVE, ND BOPS MIXED 60 BW WITH 3 BUCKETS OF CHEMICAL PUMPED THE MIX DOWN CSG, SET PACKER @ 3787' WITH 15K TENSION, FILLED CSG WITH 5 BW PRESSURED UP CSG TO 1400PSI LET SIT OVERNIGHT. - PUMPED 20 BW DOWN TBG @ 250 DEG, TALLY OUT OF HOLE (BREAKING AND APPLYING LIQUID O RING TO EVERY COLLAR) ANOTHER (40) JTS OF 2 7/8 J-55 TBG (E-GRD) INSPECT, THICK OIL PUMPED 30 BW DOWN TBG @ 250 DEG. CONT OUT OF HOLE ANOTHER(49) JTS OF 2 7/8 J-55 TBG (E-GRD) INSPECT, LAYED DOWN (37) JTS OF 2 7/8 J-55 TBG (E-GRD) INSPECT,(1) 2 7/8 TAC, (2) JTS OF 2 7/8 J-55 TBG (E-GRD) BAD, (1) 2 7/8 SN, (2) JTS OF 2 7/8 J-55 TBG (E-GRD) BAD, (1) 2 7/8 NC (E-GRD) INSPECT. MU (1) 2 3/8 WIRELINE RE-ENTRY GUIDE, (1) 2 3/8 X 1.875 XN PROFILE, (1) 2 3/8 J-55 TBG PUP, (1) 2 7/8 X 2 3/8 XOVER, (1) 5 1/2 ARROW SET 1X PACKER, (1) ON/OFF TOOL WITH 1.875 X PROFILE AND (1) 2 7/8 SEAT NIPPLE. RIH WITH (115) JTS OF 2 7/8 J-55 TBG PUMPED 10 BW DOWN TBG DROPPED 2 7/8 STANDING VALVE FILLED TBG WITH 15 BW PRESSURE TESTED TO 3K HELD FOR 30 MINUTES, FISHED STANDING VALVE, ND BOPS MIXED 60 BW WITH 3 BUCKETS OF CHEMICAL PUMPED THE MIX DOWN CSG, SET PACKER @ 3787' WITH 15K TENSION, FILLED CSG WITH 5 BW PRESSURED UP CSG TO 1400PSI LET SIT OVERNIGHT. - PUMPED 60 BW DOWN CSG @ 250 DEG. UNSEATED PUMP, PUMPED 40 BW DOWN TBG @ 250 DEG. SOFT SEATED PUMP, HOT OILER BROKE DOWN WAIT TO FIX PUMP (1 HOUR). PUMPED 20 BW PRESSURE TESTED TBG TO 3K. LAYED DOWN (1) 1 1/2" POLISH ROD 22', (1) 3/4" PONY ROD 2', (1) 3/4" PONY ROD 4', (1) 3/4" PONY ROD 6', (1) 3/4" PONY ROD 8', (90) 3/4" 4-PER RODS (E-GRD) INSPECT THICK OIL PUMPED 20 BW DOWN TBG @ 250 DEG. LAYED DOWN ANOTHER (17) 3/4" 4-PER RODS (E-GRD) INSPECT, LAYED DOWN (3) 3/4" 4-PER RODS (E-GRD) BAD, (2) 3/4" PLAIN RODS (E-GRD) BAD, (53) 3/4" PLAIN RODS (E-GRD) INSPECT. THICK OIL PUMPED 20 BW DOWN TBG @ 250 DEG. LAYED DOWN ANOTHER (11) 3/4" PLAIN RODS (E-GRD) INSPECT, (20) 3/4" 4-PER GUIDED RODS (E-GRD) INSPECT, (6) 1 1/2" SINKER BARS (E-GRD) INSPECT, (1) RHAC CDI ROD PUMP. ND WELHEAD RELEASED TAC, NU BOP'S. TALLY OUT OF HOLE (BREAKING AND APPLYING LIQUID O RING TO EVERY COLLAR)

26 JTS OF 2 7/8 J-55 TBG, SWIFN. TOTAL WATER PUMPED 160BBL - PUMPED 60 BW DOWN CSG @ 250 DEG. UNSEATED PUMP, PUMPED 40 BW DOWN TBG @ 250 DEG. SOFT SEATED PUMP, HOT OILER BROKE DOWN WAIT TO FIX PUMP (1 HOUR). PUMPED 20 BW PRESSURE TESTED TBG TO 3K. LAYED DOWN (1) 1 1/2" POLISH ROD 22', (1) 3/4" PONY ROD 2', (1) 3/4" PONY ROD 4', (1) 3/4" PONY ROD 6', (1) 3/4" PONY ROD 8', (90) 3/4" 4-PER RODS (E-GRD) INSPECT THICK OIL PUMPED 20 BW DOWN TBG @ 250 DEG. LAYED DOWN ANOTHER (17) 3/4" 4-PER RODS (E-GRD) INSPECT, LAYED DOWN (3) 3/4" 4-PER RODS (E-GRD) BAD, (2) 3/4" PLAIN RODS (E-GRD) BAD, (53) 3/4" PLAIN RODS (E-GRD) INSPECT. THICK OIL PUMPED 20 BW DOWN TBG @ 250 DEG. LAYED DOWN ANOTHER (11) 3/4" PLAIN RODS (E-GRD) INSPECT, (20) 3/4" 4-PER GUIDED RODS (E-GRD) INSPECT, (6) 1 1/2" SINKER BARS (E-GRD) INSPECT, (1) RHAC CDI ROD PUMP. ND WELHEAD RELEASED TAC, NU BOP'S. TALLY OUT OF HOLE (BREAKING AND APPLYING LIQUID O RING TO EVERY COLLAR) 26 JTS OF 2 7/8 J-55 TBG, SWIFN. TOTAL WATER PUMPED 160BBL

**Daily Cost:** \$0

**Cumulative Cost:** \$29,190

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**1/24/2013 Day: 4**

**Conversion**

Rigless on 1/24/2013 - Conduct initial MIT - Initial MIT on the above listed well. On 01/22/2013 the casing was pressured up to 1265 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 10 psig during the test. There was not an EPA representative available to witness// the test. EPA# UT22197-09776 **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$61,024

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

|  |  |   |
|--|--|---|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  |  | <b>FORM 9</b>   |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><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>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>UTU-77369 |
|  |  | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>                |
| <b>1. TYPE OF WELL</b><br>Water Injection Well   |  | <b>7. UNIT or CA AGREEMENT NAME:</b><br>GMBU (GRRV)         |
| <b>2. NAME OF OPERATOR:</b><br>NEWFIELD PRODUCTION COMPANY   |  | <b>8. WELL NAME and NUMBER:</b><br>FEDERAL 5-20-9-17        |
| <b>3. ADDRESS OF OPERATOR:</b><br>Rt 3 Box 3630 , Myton, UT, 84052   |  | <b>9. API NUMBER:</b><br>43013332240000                     |
| <b>PHONE NUMBER:</b><br>435 646-4825 Ext   |  | <b>9. FIELD and POOL or WILDCAT:</b><br>MONUMENT BUTTE      |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>1981 FNL 0723 FWL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: SWNW Section: 20 Township: 09.0S Range: 17.0E Meridian: S  |  | <b>COUNTY:</b><br>DUCHESNE                                  |
|  |  | <b>STATE:</b><br>UTAH                                       |

11.

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

| TYPE OF SUBMISSION  | TYPE OF ACTION   |   |   |
|---|--|---|---|
| <input type="checkbox"/> NOTICE OF INTENT<br>Approximate date work will start:                | <input type="checkbox"/> ACIDIZE                       | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> CASING REPAIR                  |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>Date of Work Completion:<br>2/6/2013 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS      | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> CHANGE WELL NAME               |
| <input type="checkbox"/> SPUD REPORT<br>Date of Spud:   | <input checked="" type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input checked="" type="checkbox"/> CONVERT WELL TYPE   |
| <input type="checkbox"/> DRILLING REPORT<br>Report Date:                                      | <input type="checkbox"/> DEEPEN                        | <input type="checkbox"/> FRACTURE TREAT                 | <input type="checkbox"/> NEW CONSTRUCTION               |
|   | <input type="checkbox"/> OPERATOR CHANGE               | <input type="checkbox"/> PLUG AND ABANDON               | <input type="checkbox"/> PLUG BACK                      |
|   | <input type="checkbox"/> PRODUCTION START OR RESUME    | <input type="checkbox"/> RECLAMATION OF WELL SITE       | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
|   | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL       | <input type="checkbox"/> TEMPORARY ABANDON              |
|   | <input type="checkbox"/> TUBING REPAIR                 | <input type="checkbox"/> VENT OR FLARE                  | <input type="checkbox"/> WATER DISPOSAL                 |
|   | <input type="checkbox"/> WATER SHUTOFF                 | <input type="checkbox"/> SI TA STATUS EXTENSION         | <input type="checkbox"/> APD EXTENSION                  |
|   | <input type="checkbox"/> WILDCAT WELL DETERMINATION    | <input type="checkbox"/> OTHER                          | OTHER: <input style="width: 100px;" type="text"/>       |

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

The above reference well was put on injection at 3:30 PM on  
02/06/2013. EPA # UT22197-09776

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
February 13, 2013**

|   |                                     |   |
|---|-------------------------------------|---|
| <b>NAME (PLEASE PRINT)</b><br>Lucy Chavez-Naupoto | <b>PHONE NUMBER</b><br>435 646-4874 | <b>TITLE</b><br>Water Services Technician |
| <b>SIGNATURE</b><br>N/A                           | <b>DATE</b><br>2/8/2013             |   |



Spud Date:03/01/07  
 Put on Production:04/13/07  
 GL: 5457' KB: 5469'

# Federal 5-20-9-17

## Injection Wellbore Diagram

### SURFACE CASING

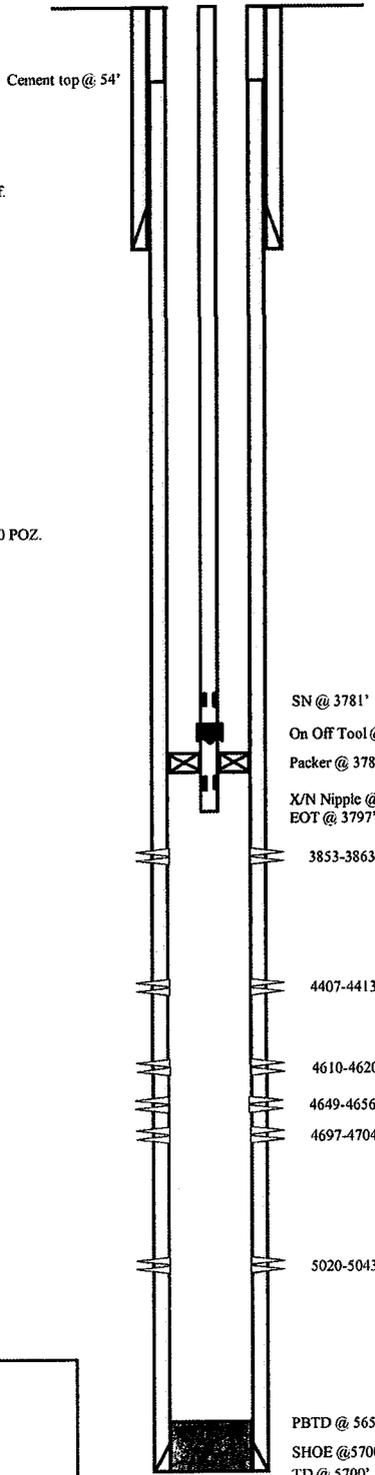
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (312.15')  
 DEPTH LANDED: 324.' KB  
 HOLE SIZE:12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 8 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 130 jts. (5686.56')  
 DEPTH LANDED: 5699.81' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 54'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 115 jts (3768.9')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 3780.9' KB  
 ON/OFF TOOL AT: 3782.0'  
 ARROW #1 PACKER CE AT: 3787.9'  
 XO 2-3/8 x 2-7/8 J-55 AT: 3791.0'  
 TBG PUP 2-3/8 J-55 AT: 3791.5'  
 X/N NIPPLE AT: 3795.7'  
 TOTAL STRING LENGTH: EOT @ 3797.17'



### FRAC JOB

04-05-07 5020-5043' **Frac LODC sands as follows:**  
 70092# 20/40 sand in 550 bbls Lightning 17 frac fluid. Treated @ avg press of 2680 psi w/avg rate of 23.7 BPM. ISIP 2610 psi. Calc flush: 5018 gal. Actual flush: 4523 gal.

04-05-07 4610-4704' **Frac A.5 & B1 sands as follows:**  
 64966# 20/40 sand in 504 bbls Lightning 17 frac fluid. Treated @ avg press of 1685 psi w/avg rate of 25.2 BPM. ISIP 2040 psi. Calc flush: 4608 gal. Actual flush: 4103 gal.

04-05-07 4407-4413' **Frac D2 sands as follows:**  
 15807# 20/40 sand in 235 bbls Lightning 17 frac fluid. Treated @ avg press of 1983 psi w/avg rate of 25.1 BPM. ISIP 1630 psi. Calc flush: 4405 gal. Actual flush: 3864 gal.

04-05-07 3853-3863' **Frac GB4 sands as follows:**  
 63748# 20/40 sand in 499 bbls Lightning 17 frac fluid. Treated @ avg press of 1805 psi w/avg rate of 25.1 BPM. ISIP 2192 psi. Calc flush: 3851 gal. Actual flush: 3780 gal.

06/07/07 **Tubing Leak.** Update rod and Tubing details.  
 11-12-07 **Pump Change.** Updated rod & tubing details.  
 05/23/08 **Updating rod and tubing details**  
 6/17/08 **Parted rods.** Updated rod and tubing detail  
 01/21/13 **Convert to Injection Well**  
 01/22/13 **Conversion MIT Finalized - update tbg detail**

### PERFORATION RECORD

| Date     | Well ID    | Depth (ft) | Direction | Holes    |
|----------|------------|------------|-----------|----------|
| 04/03/07 | 5020-5043' | 4 JSPF     |           | 92 holes |
| 04/05/07 | 4697-4704' | 4 JSPF     |           | 28 holes |
| 04/05/07 | 4649-4656' | 4 JSPF     |           | 28 holes |
| 04/05/07 | 4610-4620' | 4 JSPF     |           | 40 holes |
| 04/05/07 | 4407-4413' | 4 JSPF     |           | 24 holes |
| 04/05/07 | 3853-3863' | 4 JSPF     |           | 24 holes |

**NEWFIELD**

**Federal 5-20-9-17**  
 1981' FNL & 723' FWL  
 SW/NW Section 20-T9S-R17E  
 Duchesne Co, Utah  
 API #43-013-33224; Lease #UTU-77369