



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**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**APPLICATION FOR PERMIT TO DRILL OR REENTER**

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

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 12-20-9-17**

9. API Well No.  
**43013-33231**

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

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

12. County or Parish  
**Duchesne**

13. State  
**UT**

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**

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)  
At surface **NW/SW 1876' FSL 674' FWL 582215X 40.017365**  
At proposed prod. zone **4429526Y 110.036070**

14. Distance in miles and direction from nearest town or post office\*  
**Approximatley 17.2 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. 1876' f/lease, NA' f/unit  
**Approx. 1410'**

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. 1410'

19. Proposed Depth  
**5750'**

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

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
**5437' GL**

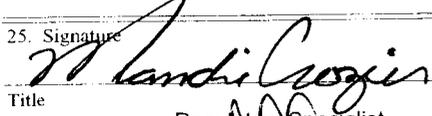
22. Approximate date work will start\*  
**4th Quarter 2006**

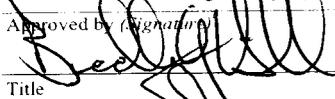
23. Estimated duration  
**Approximately seven (7) days from spud to rig release.**

**24. Attachments**

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

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
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).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. 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)

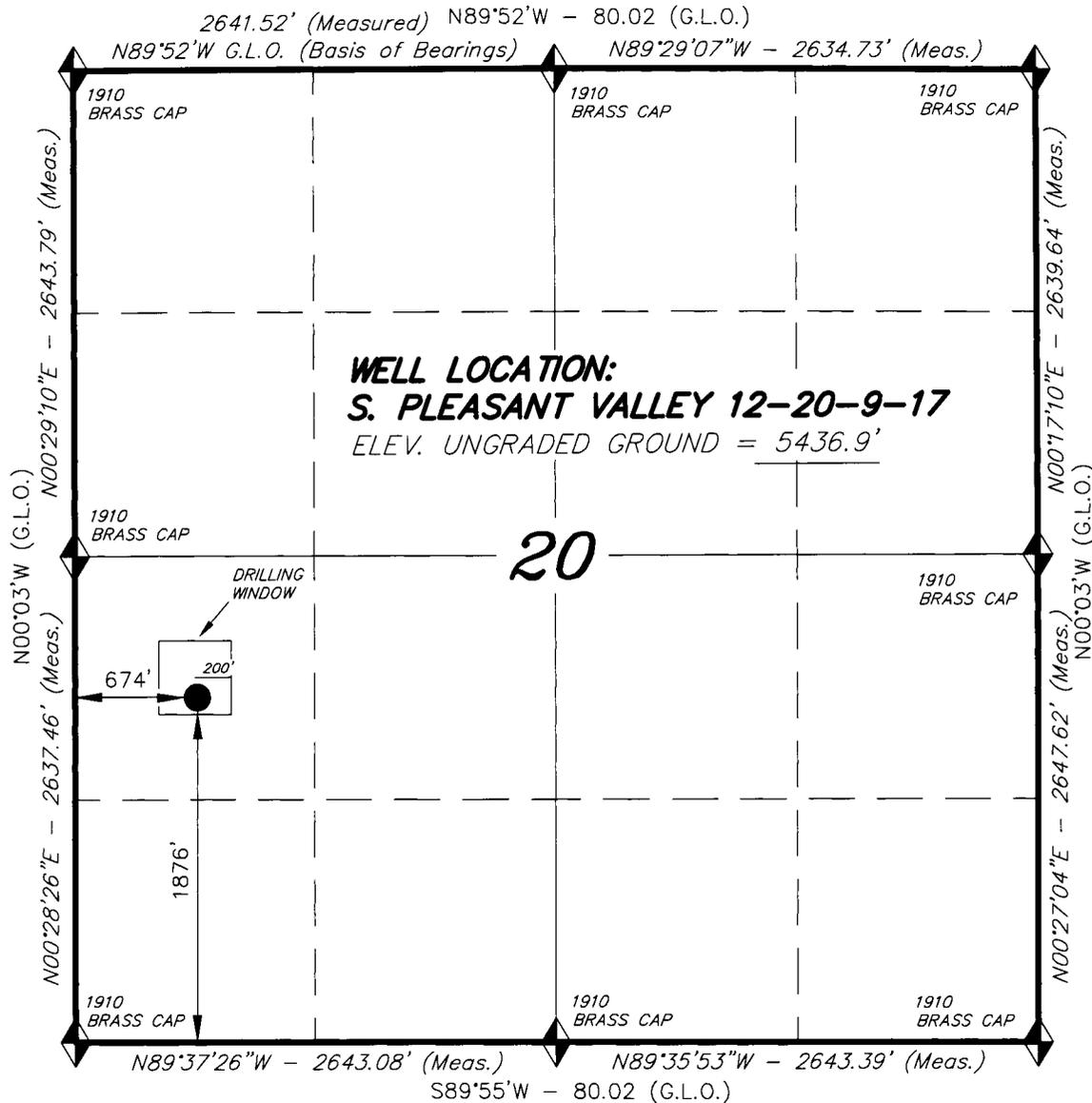
**Federal Approval of this  
Action Is Necessary**

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

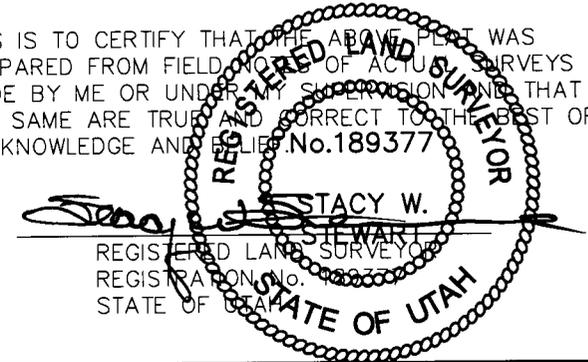
# T9S, R17E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, S. PLEASANT VALLEY  
12-20-9-17, LOCATED AS SHOWN IN THE  
NW 1/4 SW 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



◆ = SECTION CORNERS LOCATED

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

S. PLEASANT VALLEY 12-20-9-17  
(Surface Location) NAD 83  
LATITUDE = 40° 00' 51.53"  
LONGITUDE = 110° 02' 14.81"

## TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 04-26-06	SURVEYED BY: D.P.
DATE DRAWN: 05-01-06	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

**NEWFIELD PRODUCTION COMPANY  
FEDERAL #12-20-9-17  
NW/SW 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' – 2434'
Green River	2434'
Wasatch	5750'

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

Green River Formation 2434' – 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 #12-20-9-17  
NW/SW 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 #12-20-9-17 located in the NW 1/4 SW 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 - 0.9 miles  $\pm$  to it's junction with an existing road to the southeast; proceed southeasterly - 1.7 miles  $\pm$  to it's junction with an existing road to the west; proceed westerly - 0.2 miles  $\pm$  to it's junction with the beginning of the proposed access road; proceed southwesterly along the proposed access road - 5,750'  $\pm$  to it's junction with the proposed access road to the northwest; proceed northwesterly - 190'  $\pm$  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. See attached report cover pages, Exhibit "D".

For the Federal #12-20-9-17 Newfield Production Company requests a 640' ROW be granted in Lease UTU-75036 and 5,300' 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 16,320' 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 buried 6" gas gathering line, and a buried 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.

**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 #12-20-9-17 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

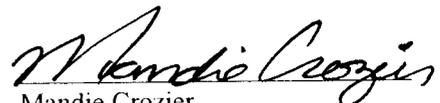
Name: Shon Mckinnon  
Address: Route #3 Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #12-20-9-17 NW/SW 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.

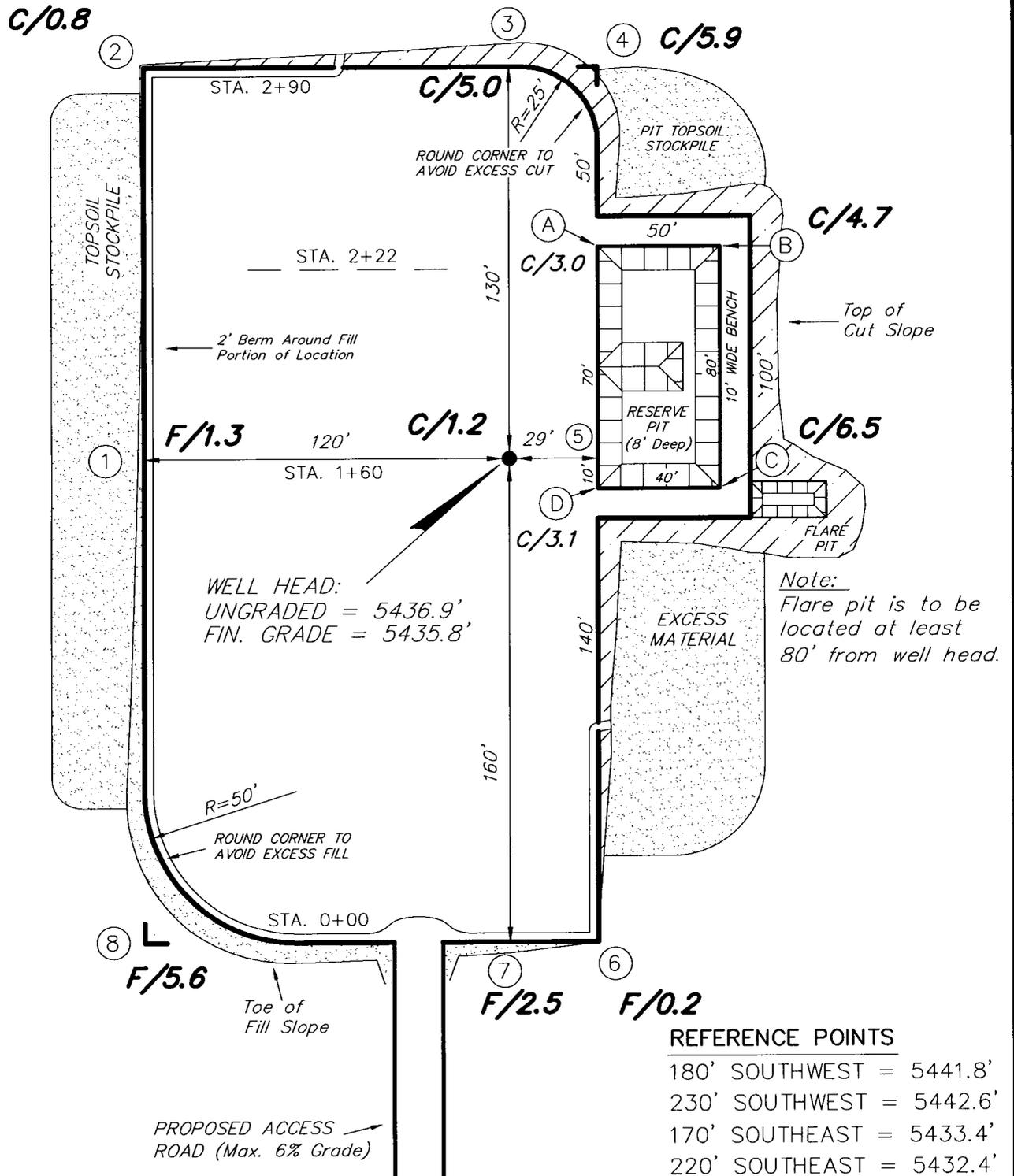
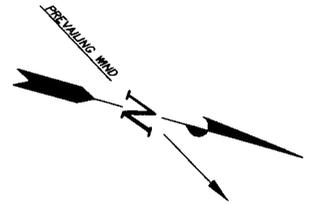
\_\_\_\_\_  
6/23/06  
Date

  
Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

# NEWFIELD PRODUCTION COMPANY

S. PLEASANT VALLEY 12-20-9-17

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



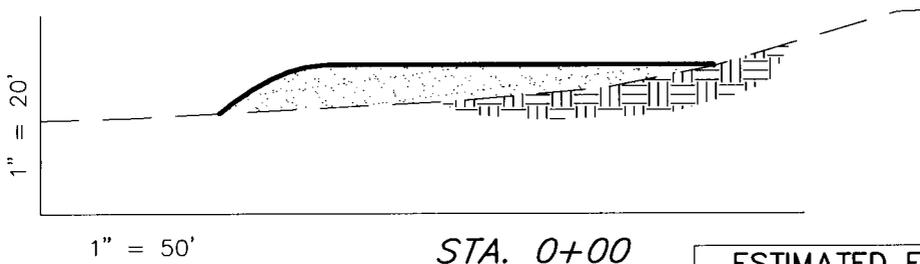
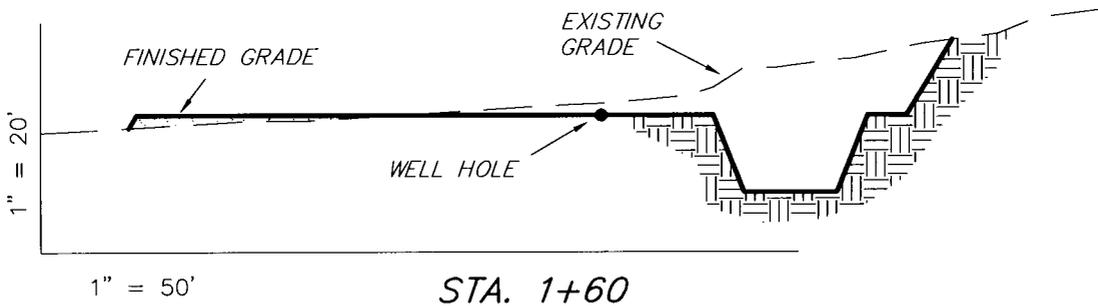
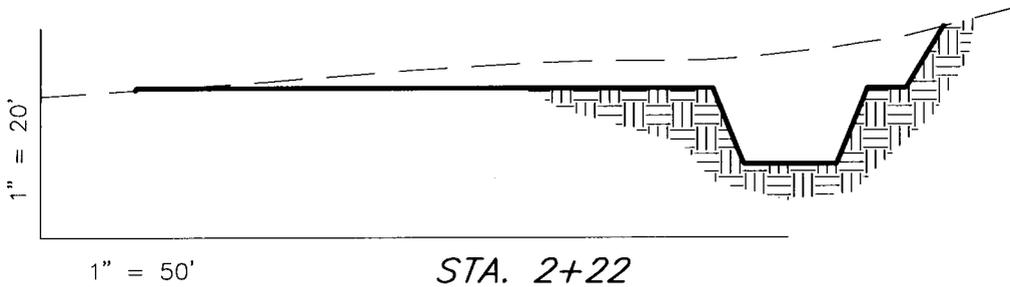
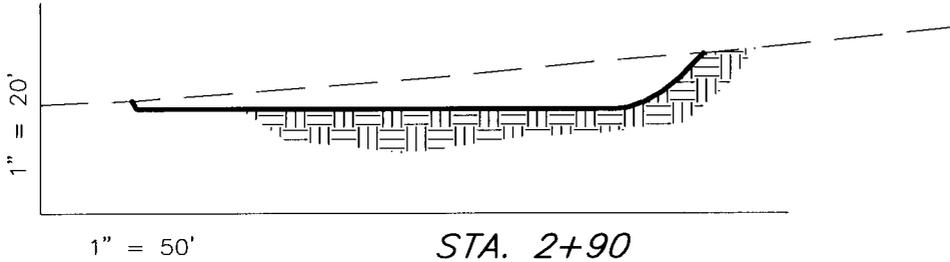
SURVEYED BY: D.P.	SCALE: 1" = 50'
DRAWN BY: F.T.M.	DATE: 05-01-06

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

# NEW FIELD PRODUCTION COMPANY

## CROSS SECTIONS

S. PLEASANT VALLEY 12-20-9-17



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	2,190	2,180	Topsoil is not included in Pad Cut	10
PIT	640	0		640
TOTALS	2,830	2,180	980	650

SURVEYED BY: D.P.

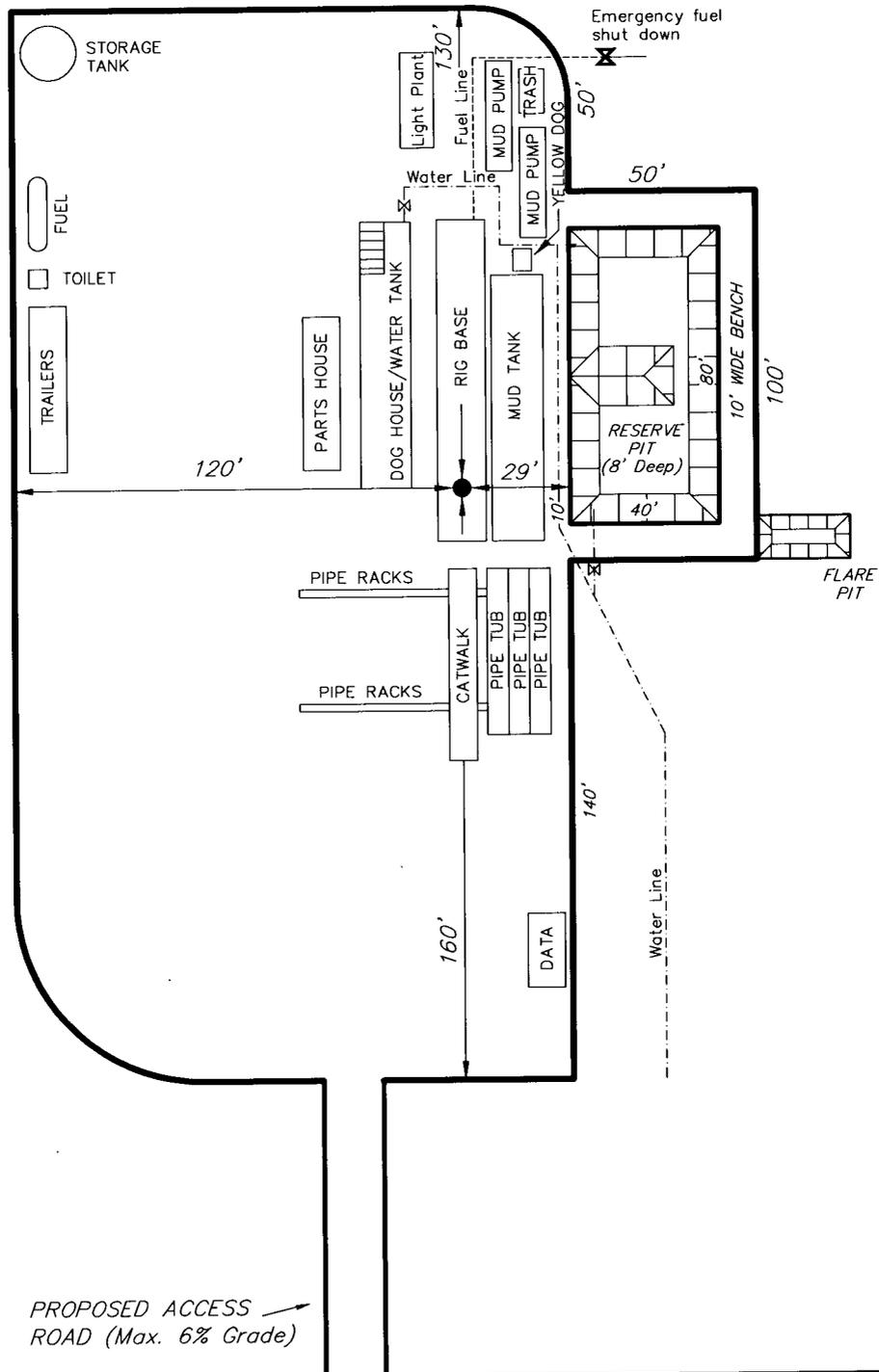
SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 05-01-06

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

**NEWFIELD PRODUCTION COMPANY**  
**TYPICAL RIG LAYOUT**  
**S. PLEASANT VALLEY 12-20-9-17**



PROPOSED ACCESS ROAD (Max. 6% Grade)

SURVEYED BY: D.P.	SCALE: 1" = 50'	<p><b>Tri State</b>          Land Surveying, Inc.          180 NORTH VERNAL AVE. VERNAL, UTAH 84078</p>	(435) 781-2501
DRAWN BY: F.T.M.	DATE: 05-01-06		

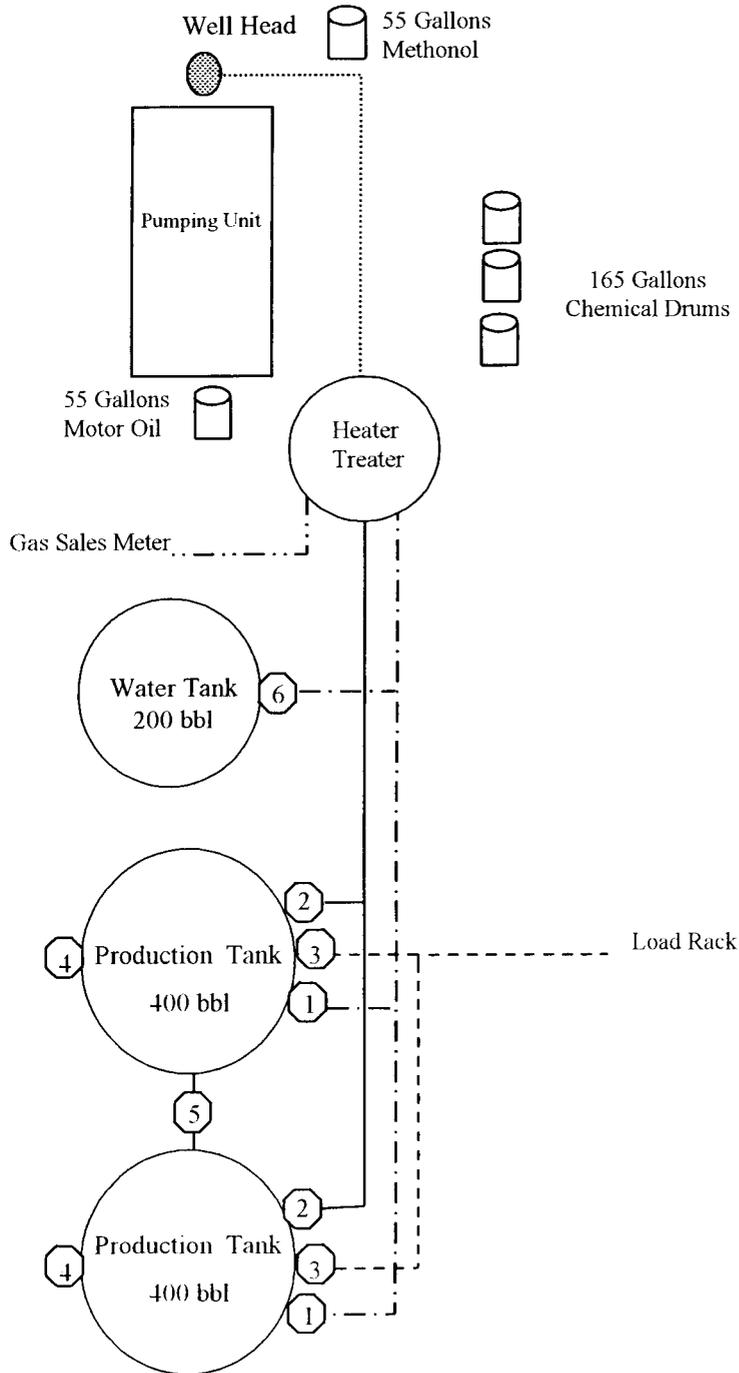
# Newfield Production Company Proposed Site Facility Diagram

Federal 12-20-9-17

NW/SW 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

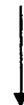
**Sales Phase:**

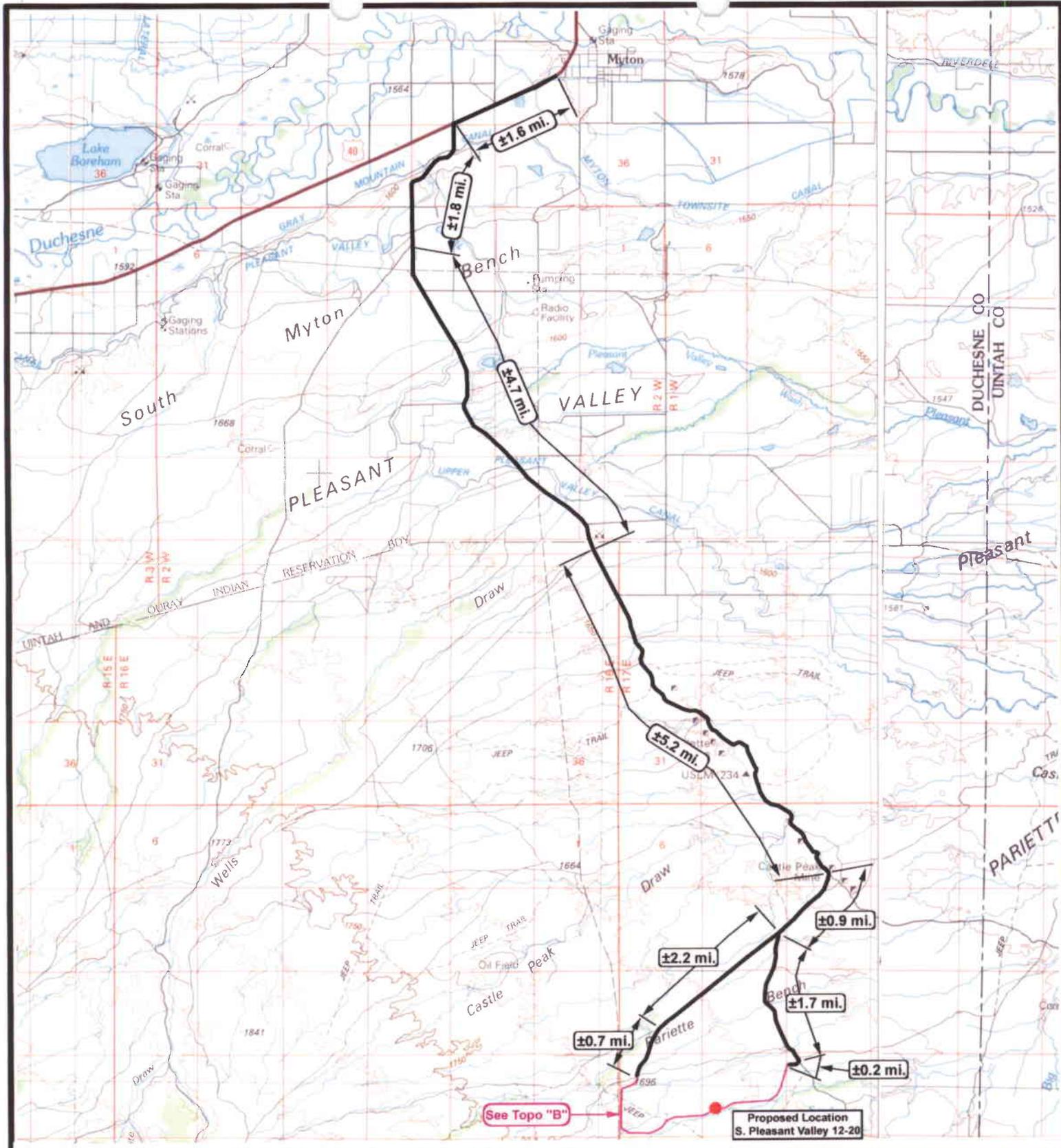
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

**Draining Phase:**

- 1) Valves 1 and 6 open

Diked Section





**NEWFIELD**  
Exploration Company

**S. Pleasant Valley 12-20-9-17  
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

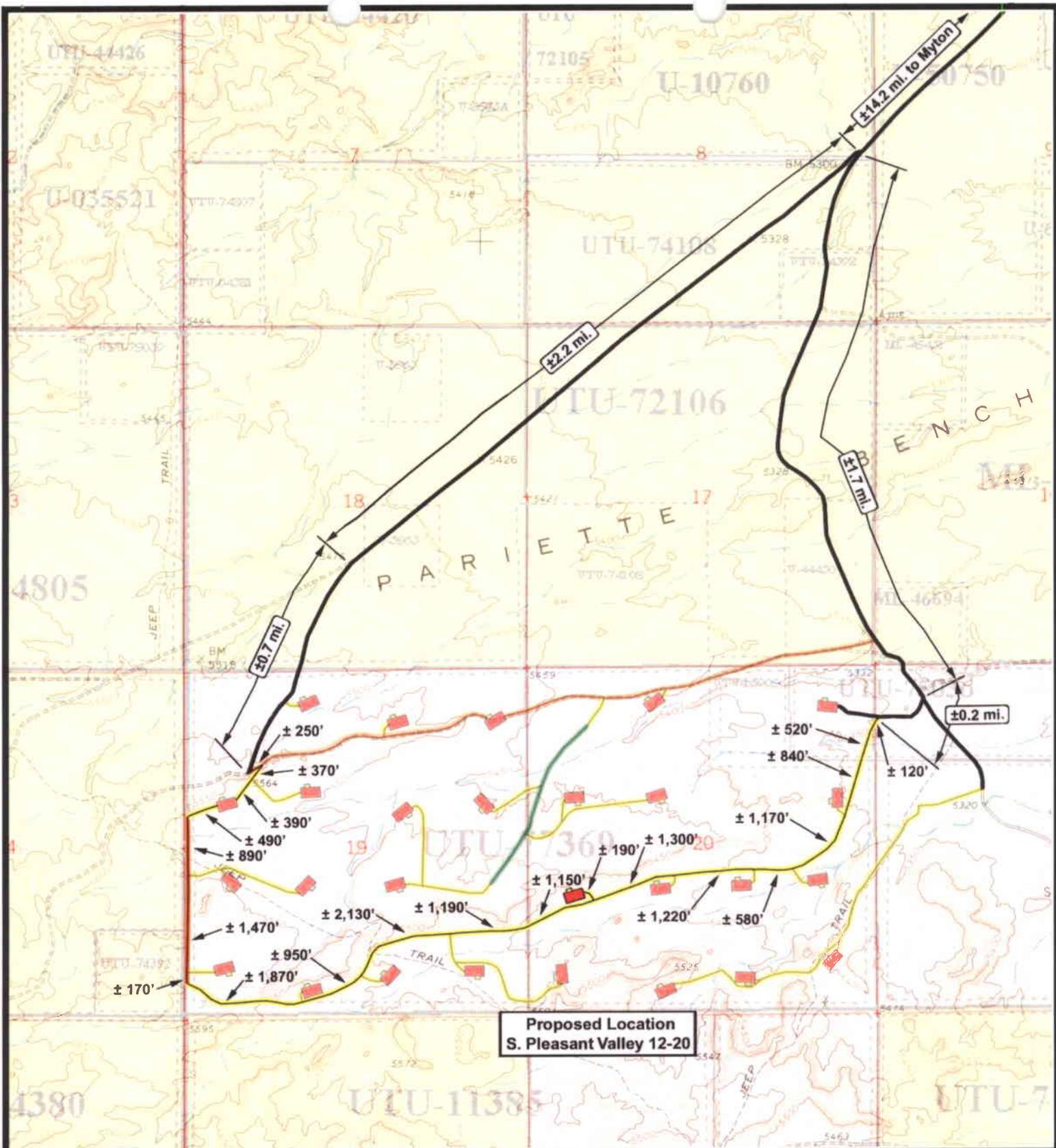
DATE: 05-10-2006

**Legend**

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

**"A"**



Proposed Location  
S. Pleasant Valley 12-20

 **NEWFIELD**  
Exploration Company

**S. Pleasant Valley 12-20-9-17**  
**SEC. 20, T9S, R17E, S.L.B.&M.**



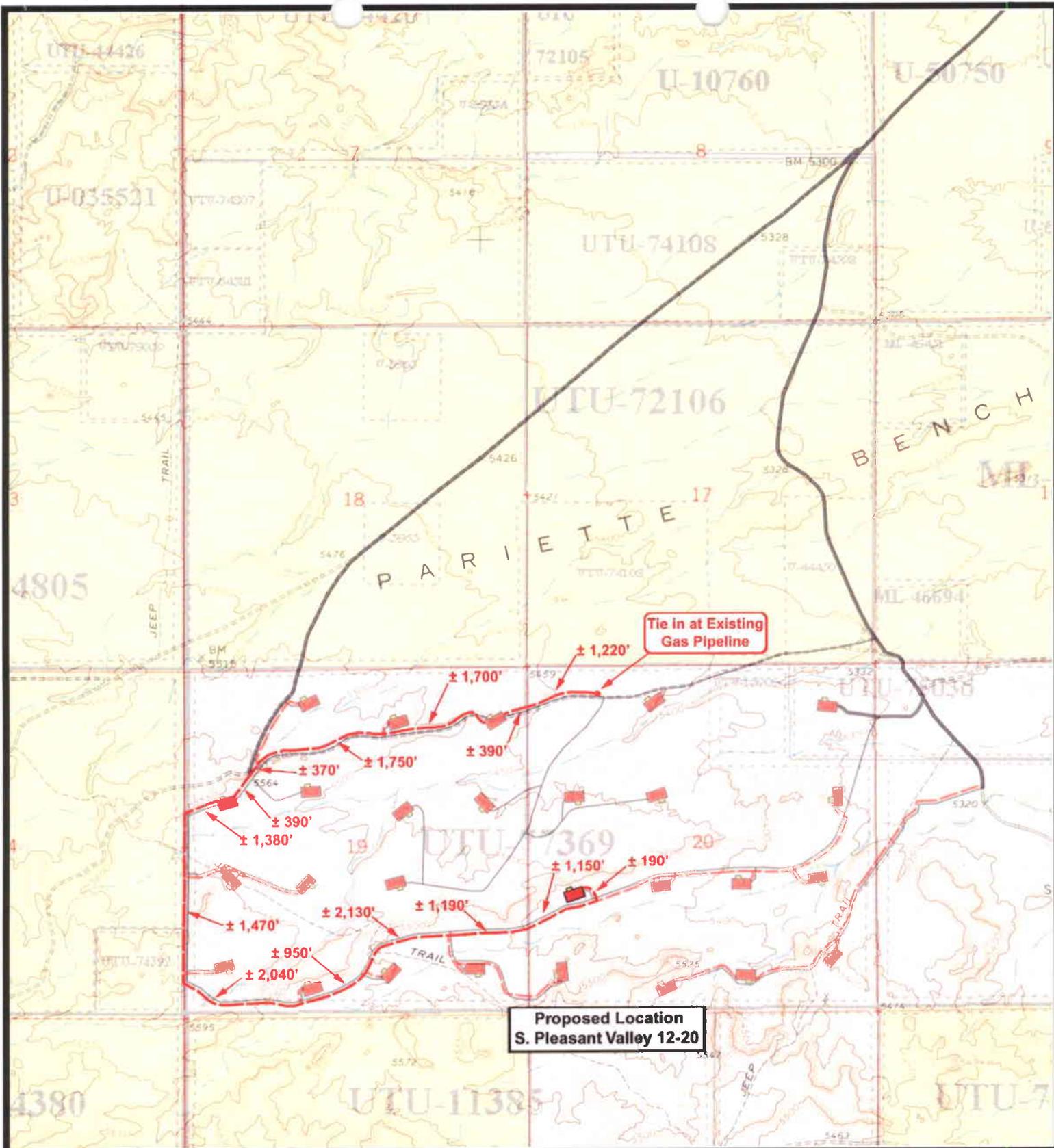
 **Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 05-10-2006

**Legend**

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

TOPOGRAPHIC MAP  
**"B"**




**NEWFIELD**  
 Exploration Company

**S. Pleasant Valley 12-20-9-17**  
**SEC. 20, T9S, R17E, S.L.B.&M.**



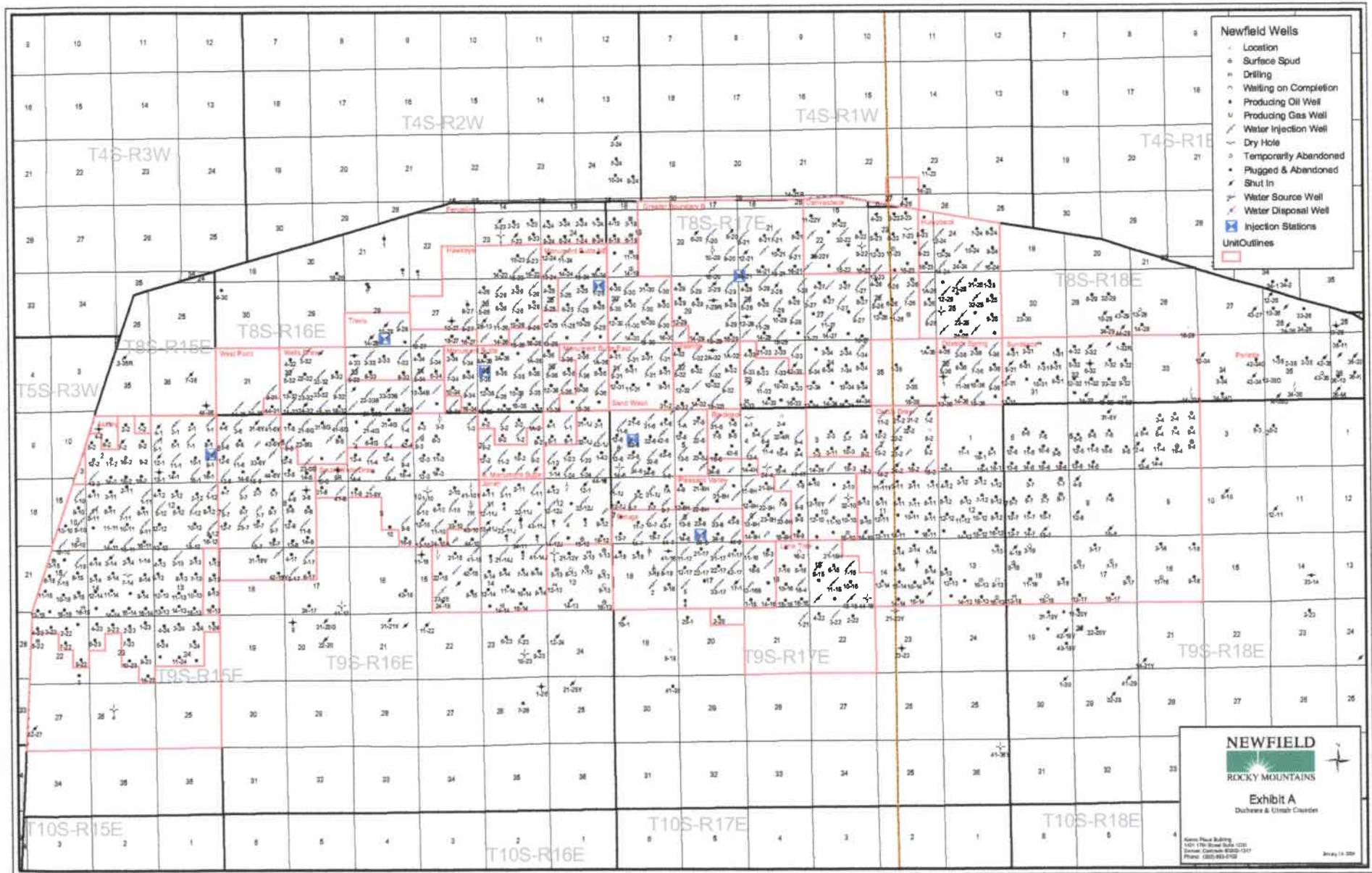
  
**Tri-State**  
*Land Surveying Inc.*  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

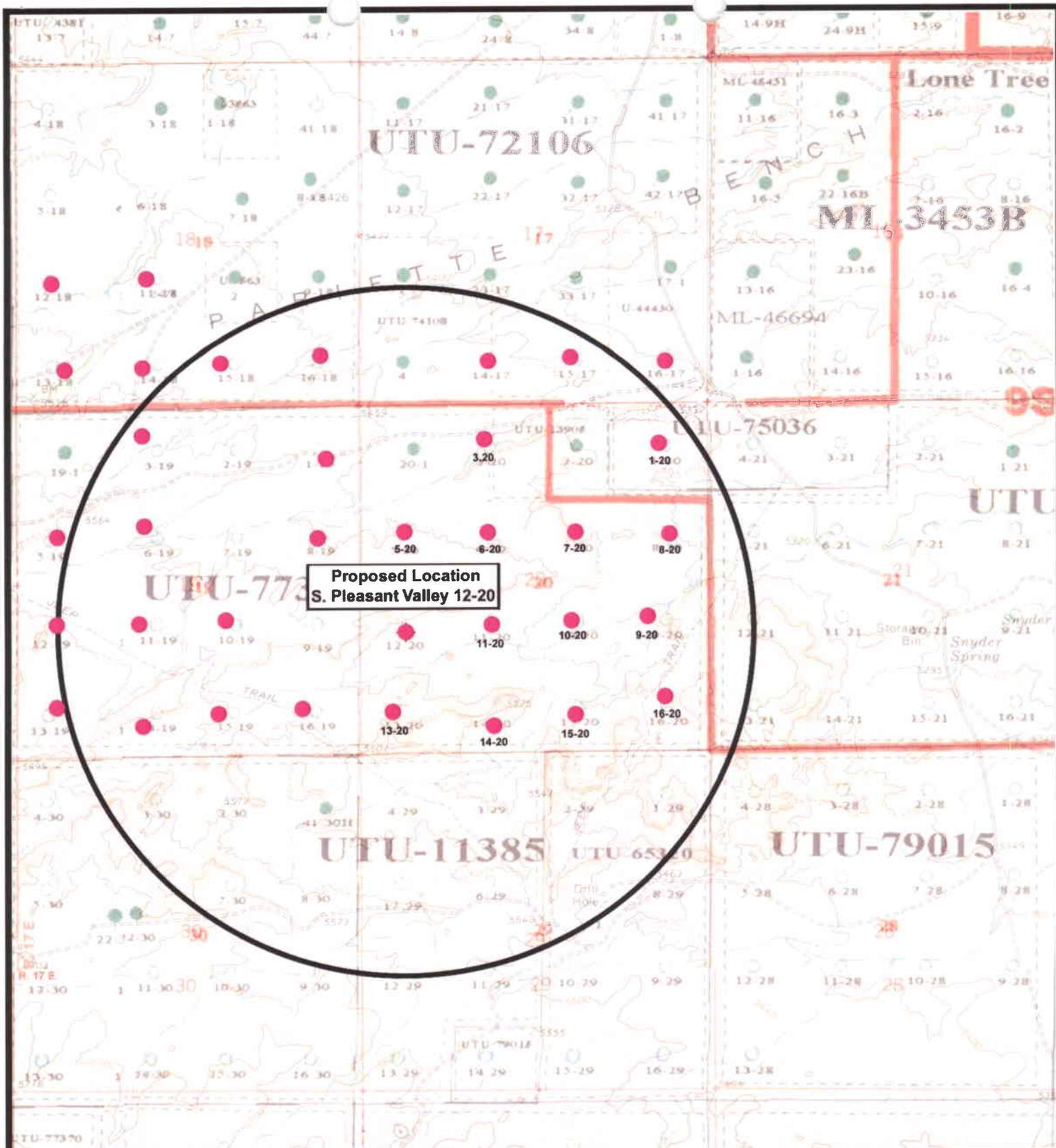
SCALE: 1" = 2,000'  
 DRAWN BY: mw  
 DATE: 05-10-2006

**Legend**

-  Roads
-  Proposed Gas Line

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





**Proposed Location  
S. Pleasant Valley 12-20**

**NEWFIELD**  
Exploration Company

**S. Pleasant Valley 12-20-9-17  
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

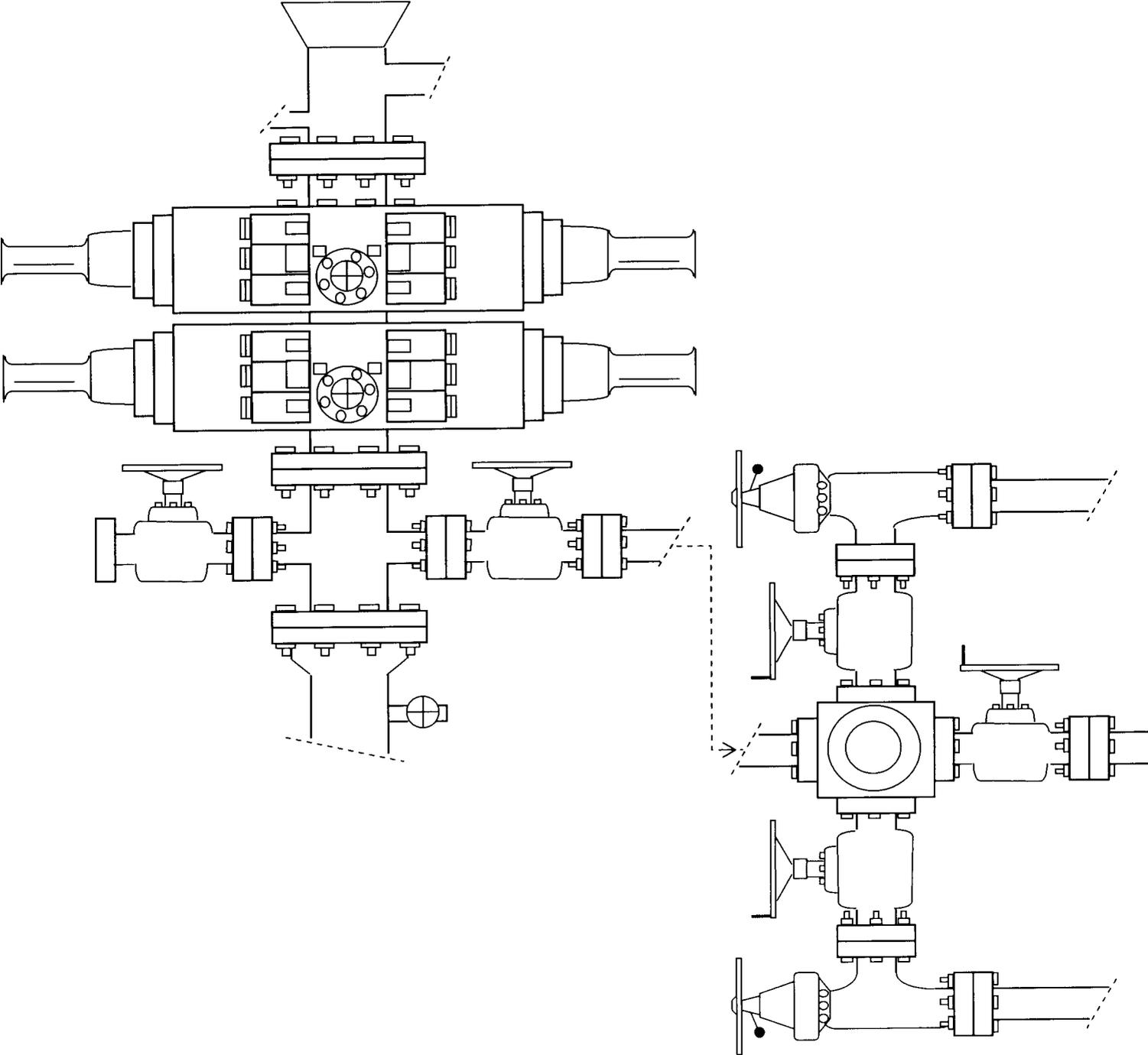


EXHIBIT C

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

2 of 2

**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: 43-013-33231

WELL NAME: FEDERAL 12-20-9-17

OPERATOR: NEWFIELD PRODUCTION ( N2695 )

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

PROPOSED LOCATION:

NWSW 20 090S 170E

SURFACE: 1876 FSL 0674 FWL

BOTTOM: 1876 FSL 0674 FWL

COUNTY: DUCHESNE

LATITUDE: 40.01436 LONGITUDE: -110.0367

UTM SURF EASTINGS: 582215 NORTHINGS: 4429586

FIELD NAME: MONUMENT BUTTE ( 105 )

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

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-77369

PROPOSED FORMATION: GRRV

SURFACE OWNER: 1 - Federal

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: Sop, Separati file

STIPULATIONS: 1- Federal Approval

2- Spacing Strip



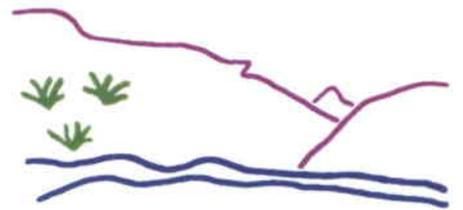
OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 20 T. 9S R. 17E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING



Utah Oil Gas and Mining



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

- 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



**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

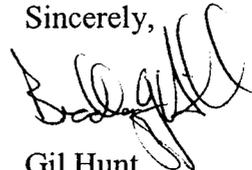
Re: Federal 12-20-9-17 Well, 1876' FSL, 674' FWL, NW SW, Sec. 20, T. 9 South,  
R. 17 East, Duchesne County, Utah

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 43-013-33231.

Sincerely,

  
for Gil Hunt  
Associate Director

pab  
Enclosures

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

**Operator:** Newfield Production Company

**Well Name & Number** Federal 12-20-9-17

**API Number:** 43-013-33231

**Lease:** UTU-77369

**Location:** NW SW                      **Sec.** 20                      **T.** 9 South                      **R.** 17 East

### **Conditions of Approval**

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

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

6. If Indian, Allottee or Tribe Name  
**NA**

7. If Unit or CA, Agreement Designation  
**NA**

8. Well Name and No.  
**FEDERAL 12-20-9-17**

9. API Well No.  
**43-013-33231**

10. Field and Pool, or Exploratory Area  
**MONUMENT BUTTE**

11. County or Parish, State  
**DUCHESNE COUNTY, UT.**

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**NEWFIELD PRODUCTION COMPANY**

3. Address and Telephone No.  
**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**1876 FSL 674 FWL      NW/SW Section 20, T9S R17E**

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

**TYPE OF SUBMISSION**

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

**TYPE OF ACTION**

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other Permit Extension
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 6/29/06 (expiration 6/29/07).

This APD has not been approved yet by the BLM.

Approved by the  
Utah Division of  
Oil, Gas and Mining

RECEIVED  
MAY 31 2007

DIV. OF OIL, GAS & MINING

Date: 05-30-07

By: [Signature]

SUPPLEMENT TO CHECKLIST  
TYPE 33107  
DATE PM

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]  
Mandie Crozier

Title

Regulatory Specialist

Date

5/29/2007

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

CC: Utah DOGM

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-013-33231  
**Well Name:** Federal 12-20-9-17  
**Location:** NW/SW Section 20, T9S R17E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 6/29/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes  No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes  No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes  No

Has the approved source of water for drilling changed? Yes  No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes  No

Is bonding still in place, which covers this proposed well? Yes  No

  
Signature

5/29/2007  
Date

**Title:** Regulatory Specialist

**Representing:** Newfield Production Company

# RECEIVED

Form 3160-3  
(September 2001)

JUN 26 2006

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

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 12-20-9-17

9. API Well No.  
43-013-33231

10. Field and Pool, or Exploratory  
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area  
NWSW Sec. 20, T9S R17E

12. County or Parish  
Duchesne

13. State  
UT

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

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)  
At surface NW/SW 1876' FSL 674' FWL  
At proposed prod. zone

14. Distance in miles and direction from nearest town or post office\*  
Approximatley 17.2 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. 1876' f/ise, NA' f/unit

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. 1410'

19. Proposed Depth  
5750'

20. BLM/BIA Bond No. on file  
UTB000192 WYB000493

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
5437' GL

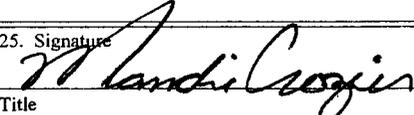
22. Approximate date work will start\*  
4th Quarter 2006

23. Estimated duration  
Approximately seven (7) days from spud to rig release.

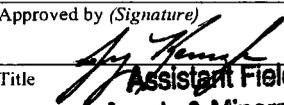
#### 24. Attachments

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

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>1. Well plat certified by a registered surveyor.</li> <li>2. A Drilling Plan.</li> <li>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).</li> </ul> | <ul style="list-style-type: none"> <li>4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).</li> <li>5. Operator certification.</li> <li>6. Such other site specific information and/or plans as may be required by the authorized officer.</li> </ul> |
|--|---|

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

Title Regulatory Specialist

Approved by (Signature)  Name (Printed/Typed) Jean Kevick Date 10-29-2007

Title Assistant Field Manager Office VERNAL FIELD OFFICE  
Lands & Mineral Resources

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. **CONDITIONS OF APPROVAL ATTACHED**

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

\*(Instructions on reverse)

## NOTICE OF APPROVAL

NOV 02 2007

DIV. OF OIL, GAS & MINING

# UDOGM

07CX50038A

No NOS



**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  
**Well No:** Federal 12-20-9-17  
**API No:** 43-013-33231

**Location:** NWSW, Sec. 20, T9S, R17E  
**Lease No:** UTU-77369  
**Agreement:** N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

**Fax: (435) 781-3420**

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

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

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	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 Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	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)**

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

### **LEASE STIPULATIONS AND NOTICES**

- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- Lands in this lease have been identified as containing Mountain Plover and Burrowing Owl habitats. Modifications to the Surface Use Plan of Operations may be required in order to protect the Mountain Plover and Burrowing Owl habitats from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- Timing Limitations (for construction and drilling) – **May 15 through June 15** – in order to protect Mountain Plover habitat, and – **April 1 through August 15** – to protect Burrowing Owl habitat.

### **CONDITIONS OF APPROVAL**

- This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed August 24, 2005. If the well has not been spudded by August 24, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- Right of way (ROW) will be required for approximately 640 feet by 30 feet width in Lease UTU-75036 for construction of access road.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- 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 three inches deep, the soil shall be deemed too wet to adequately support construction equipment.

- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- 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.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- 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.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- 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.
- The following seed mix (PLS formula) will be used for interim reclamation:

Western Wheatgrass ( <i>Pascopyrum smithii</i> )	6 lbs/acre
Galleta Grass ( <i>Hilaria jamesii</i> )	6 lbs/acre

  - Rates are set for drill seeding; double the rate if broadcasting.
  - Reseeding may be required if initial seeding is not successful.
- The operator will be responsible for treatment and control of invasive and noxious weeds.
- 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.
- 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 should 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.
- 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.
- 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.

- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- 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.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

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

**SITE SPECIFIC DOWNHOLE COAs:**

- None.

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

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## **OPERATING REQUIREMENT REMINDERS:**

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

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or 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.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

# DIVISION OF OIL, GAS AND MINING

## **SPUDDING INFORMATION**

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 12-20-9-17

Api No: 43-013-33231 Lease Type: FEDERAL

Section 20 Township 09S Range 17E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

## **SPUDDED:**

Date 05/12/08

Time 3:30 PM

How DRY

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

Reported by BRANDON HALL

Telephone # (435) 828-6110

Date 05/13//08 Signed CHD

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

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

OPERATOR ACCT. NO. **N2695**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	16874	4301333231	FEDERAL 12-20-9-17	NWSW	20	9S	17E	DUCHESNE	5/12/2008	5/29/08
WELL 1 COMMENTS: <i>GRRV</i>											
A	99999	16875	4301333728	UTE TRIBAL 9-20-4-1	NESE	20	4S	1W	DUCHESNE	5/12/2008	5/29/08
WELL 2 COMMENTS: <i>GRRV</i>											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
WELL 5 COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - 1 new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

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

RECEIVED

MAY 14 2008

DIV. OF OIL, GAS & MINING

*Jentri Park*  
Signature: \_\_\_\_\_ Jentri Park  
Production Clerk \_\_\_\_\_ 05/14/08  
Date

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

5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-77369
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:

**SUNDRY NOTICES AND REPORTS ON WELLS**

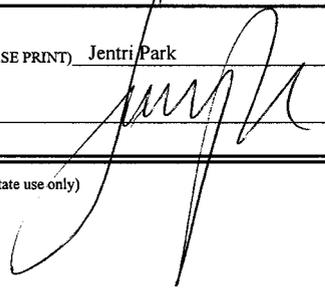
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		8. WELL NAME and NUMBER: FEDERAL 12-20-9-17
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 4301333231
3. ADDRESS OF OPERATOR: Route 3 Box 3630	CITY Myton STATE UT ZIP 84052	10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1876 FSL 674 FWL		COUNTY: DUCHESNE
OTR/OTR SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSW, 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 (Submit in Duplicate)  Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: 07/08/2008	<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 06/17/08, attached is a daily completion status report.

NAME (PLEASE PRINT) <u>Jentri Park</u>	TITLE <u>Production Clerk</u>
SIGNATURE 	DATE <u>07/08/2008</u>

(This space for State use only)

**RECEIVED**  
**JUL 14 2008**  
**DIV. OF OIL, GAS & MINING**

## Daily Activity Report

Format For Sundry

**FEDERAL 12-20-9-17****4/1/2008 To 8/30/2008****6/7/2008 Day: 1****Completion**

Rigless on 6/6/2008 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5538' & cement top @ 50'. Perforate stage #1. CP3 sds @ 5250-60', CP1 sds @ 5130-40', CP.5 sds @ 5076- 85' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 116 shots. 133 BWTR. SIFN.

---

**6/13/2008 Day: 2****Completion**

Rigless on 6/12/2008 - Stage #1 CP.5/CP1/CP3 sds. RU BJ Services. 0 psi on well. Frac CP.5/CP1/CP3 sds w/ 44,647#'s of 20/40 sand in 466 bbls of Lightning 17 fluid. Broke @ 2380 psi. Treated w/ ave pressure of 1829 psi w/ ave rate of 25.5 BPM. ISIP 1868 psi. Leave pressure on well. 610 BWTR. Stage #2 LODC sds. RU Phoenix Surverys, inc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite solid frac plug & 20' perf gun. Set plug @ 4980'. Perforate LODC sds @ 4878-98' w/ 3-1/8" Slick Guns (.39"EH, 19 gram, 120°) w/ 4 spf for total of 80 shots. RU BJ Services. 200 psi on well. Perfs would not break. Dump bail acid on perfs. SWIFN.

---

**6/14/2008 Day: 3****Completion**

Rigless on 6/13/2008 - RU BJ & frac stage #2 w/ 89,730#'s of 20/40 sand in 677 bbls of Lightning 17 frac fluid. Open well w/ 71 psi on casing. Perfs broke down @ 2516 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 2042 w/ ave rate of 27.2 bpm w/ 8 ppg of sand. ISIP was 2100. 1287 bbls EWTR. Leave pressure on well. RIH w/ frac plug (solid 6K) & 24' perf gun. Set plug @ 4790'. Perforate A1 sds @ 4672-96' w/ 4 spf for total of 96 shots. RU BJ & frac stage #3 w/ 113,269#'s of 20/40 sand in 818 bbls of Lightning 17 frac fluid. Open well w/ 310 psi on casing. Perfs broke down @ 2427 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 1828 w/ ave rate of 25.6 bpm w/ 8 ppg of sand. ISIP was 1990. 2105 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 4 hours & died w/ 335 bbls rec'd. SIFN.

---

**6/17/2008 Day: 4****Completion**

Leed #712 on 6/16/2008 - MIRUSU. Open well w/ 0 psi on casing. RD Cameron BOP's & frac head. Instal production tbg head & Schaffer BOP's. Tally, pickup & TIH w/ new J-55 2-7/8" 6.5# tbg. RU NC, 2 jts tbg, SN, 1 jt tbg, TA CDI (new w/ 45,000 shear), 151 jts tbg to tag sand @ 4740'. RU pump & tanks. C/O to plug @ 4774'. Circulate well clean. LD 2 jts of tbg. Leave EOT @ 4704'. RU swab equipment. Made 8 runs to rec'd 110 bbls of fluid. IFL was surface. FFL was 1300'. Last run showed trace of oil w/ trace of sand. SIFN.

---

**6/18/2008 Day: 5****Completion**

Leed #712 on 6/17/2008 - Bleed gas off well. Con't swabbing well for cleanup. IFL @ 800'. Made 4 swb runs rec 40 BTF W/ light gas & oil--no sd. FFL @ 1300'. TIH W/ tbg f/ 4704'. Tag solid composite plug @ 4790' (no new fill). LD excess tbg. ND BOP.

**Set TA @ 4600' W/ SN @ 4634' & EOT @ 4698'. Land tbg W/ 15,000# tension. NU wellhead. Flush tbg W/ 60 BW (returned 20 bbls). PU & TIH W/ pump and "A" grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 16' RHAC pump, 6-1 1/2" weight rods, 20-3/4" scraped rods, 71-3/4" plain rods, 87-3/4" scraped rods, 1-8', 1-6', 1-4' & 2-2' X 3/4" pony rods and 1 1/2" X 22' polished rod. Seat pump & RU pumping unit. Fill tbg W/ 4 BW. Pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 1656 BWTR. Place A1 sds on pump test @ 6:00 PM 6/17/2008 W/ 97" SL @ 4 SPM.**

---

**Pertinent Files: Go to File List**

(See other instructions on reverse side)

OMB NO. 1004-0137  
Expires: February 28, 1995

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

5. LEASE DESIGNATION AND SERIAL NO.

UTU-77369

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NA

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 12-20-9-17

2. NAME OF OPERATOR

Newfield Exploration Company

9. WELL NO.

43-013-33231

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 1876' FSL & 674' FWL (NW/SW) 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. 43-013-33231 DATE ISSUED 06/29/07

12. COUNTY OR PARISH  
Duchesne

13. STATE  
UT

15. DATE SPUNDED  
05/12/08

16. DATE T.D. REACHED  
05/22/08

17. DATE COMPL. (Ready to prod.)  
06/17/08

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*  
5437'GL

19. ELEV. CASINGHEAD  
5449'KB

20. TOTAL DEPTH, MD & TVD  
5625'

21. PLUG BACK T.D., MD & TVD  
5538'

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 4672'-5260'

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#	325'	12-1/4"	To surface with 260 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5624'	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 @ 4698'	TA @ 4600'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
CP3, 1 & .5) 5250'-60', 5130'-40', 5076'-85'	.49"	4/116	5076'-5260'	Frac w/ 44,647# 20/40 sand in 466 bbls fluid
(LODC) 4878'-98'	.39"	4/80	4878'-4898'	Frac w/ 89,720# 20/40 sand in 677 bbs fluid
(A1) 4672'-96'	.39"	4/96	4672'-4696'	Frac w/ 113,269# 20/40 sand in 818 bbls fluid

33.\* PRODUCTION

DATE FIRST PRODUCTION 06-18-08	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 16' RHAC SM Plunger Pump				WELL STATUS (Producing or shut-in) PRODUCING		
DATE OF TEST 07/12/08	HOURS TESTED	CHOKE SIZE	PRODN. FOR TEST PERIOD ----->	OIL--BBL. 7	GAS--MCF. 27	WATER--BBL. 125	GAS-OIL RATIO 186
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.) AUG 04 2008	

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

Used for-Fuel

TEST WITNESSED BY

DIV. OF OIL, GAS & MINING

35. LIST OF ATTACHMENTS

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 Tech

DATE 8/1/2008

\*(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.	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch Mkr Garden Gulch 1 Garden Gulch 2 Point 3 Mkr X Mkr Y-Mkr Douglas Creek Mkr BiCarbonate Mkr B Limestone Mkr Castle Peak Basal Carbonate Total Depth (LOGGERS)				<b>Well Name Federal 12-20-9-17</b>	3292'	
					3488'	
					3599'	
					3838'	
					4097'	
					4130'	
					4251'	
					4482'	
					4585'	
					5074'	
					5530'	
			5625'			

# NEWFIELD



Well Name: Federal 12-20-9-17

Spud Date: 5-12-08

LOCATION: S20, T9S, R17E

TD: 5625'

COUNTY/STATE: Duchesne

CSG: 5-23-08

API: 43-013-33231

POP: 6-17-08

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	SPM	Comments
6/17/2008				1656				POP @ 6:00 P.M. w/ 97" SL @ 4 SPM. 1656 Total water to recover.
6/18/2008	12	0	60	1596	0	0	4 1/2	
6/19/2008	24	0	100	1496	0	0	5 1/2	
6/20/2008	24	0	100	1396	0	0	5 1/2	
6/21/2008	24	0	0	1396	0	0	4 1/2	Lowered rods to tag.
6/22/2008	24	0	118	1278	0	0	5 3/4	
6/23/2008	24	0	27	1251	0	0	5 1/2	
6/24/2008	24	0	110	1141	0	0	5 1/2	
6/25/2008	24	0	120	1021	0	0	5 1/2	
6/26/2008	24	0	88	933	0	0	5 1/2	
6/27/2008	24	0	113	820	0	0	5 1/2	
6/28/2008	24	0	124	696	0	0	5 1/2	
6/29/2008	24	0	140	556	0	30	5 1/2	
6/30/2008	24	0	123	433	0	30	5 1/2	
7/1/2008	24	0	123	310	0	32	5 1/2	
7/2/2008	24	24	135	175	0	60	5 1/2	
7/3/2008	24	0	124	51	0	30	3 1/4	
7/4/2008	6	0	35	16	0	25	0	Down - faulty wiring
7/5/2008	24	0	65	-49	0	30	5	
7/6/2008	18	0	60	-109	0	30	5 1/2	
7/7/2008	20	0	81	-190	0	30	5 1/2	Down - clutch problems
7/8/2008	24	0	88	-278	0	20	5	
7/9/2008	24	0	92	-370	0	20	5 1/2	
7/10/2008	24	0	76	-446	13	62	5 1/2	
7/11/2008	24	5	106	-552	13	62	5 1/2	
7/12/2008	24	7	125	-677	27	62	5 1/2	
7/13/2008	24	3	129	-806	23	58	5 1/2	
7/14/2008	24	3	136	-942	19	62	5 1/2	
7/15/2008	24	5	132	-1074	26	63	5 1/2	
7/16/2008	24	2	134	-1208	38	59	5 1/2	
7/17/2008	12	1	137	-1345	0	15	5	Clutched - waiting on water haul
7/18/2008				-1345				
		<b>50</b>	<b>3001</b>		<b>159</b>			

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</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>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-77369
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Oil Well		<b>8. WELL NAME and NUMBER:</b> FEDERAL 12-20-9-17
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>9. API NUMBER:</b> 43013332310000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1876 FSL 0674 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 20 Township: 09.0S Range: 17.0E Meridian: S		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> 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 Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/9/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<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"/> WILDCAT WELL DETERMINATION	
	<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 05/08/2014. Initial MIT on the above listed well. On 05/09/2014 the casing was pressured up to 1526 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10332</p>		
		<b>Accepted by the          Utah Division of          Oil, Gas and Mining</b> <b>FOR RECORD ONLY</b> May 27, 2014
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A		<b>DATE</b> 5/20/2014

## 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: 5 / 9 / 2014  
 Test conducted by: Shannon Lazenby  
 Others present: \_\_\_\_\_

-10332

Well Name: <u>Federal 12-20-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Greater Monument Butte</u>		
Location: <u>12-20-9-17</u> Sec: <u>20</u> T <u>9</u> S N/S R <u>17</u> E/W County: <u>Duchesne</u> State: <u>ut</u>		
Operator: <u>Shannon Lazenby</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: _____	PSIG

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: 1506 / 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	0 psig	psig	psig
End of test pressure	0 psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	1506 psig	psig	psig
5 minutes	1512 psig	psig	psig
10 minutes	1516 psig	psig	psig
15 minutes	1519 psig	psig	psig
20 minutes	1521 psig	psig	psig
25 minutes	1523 psig	psig	psig
30 minutes	1526 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

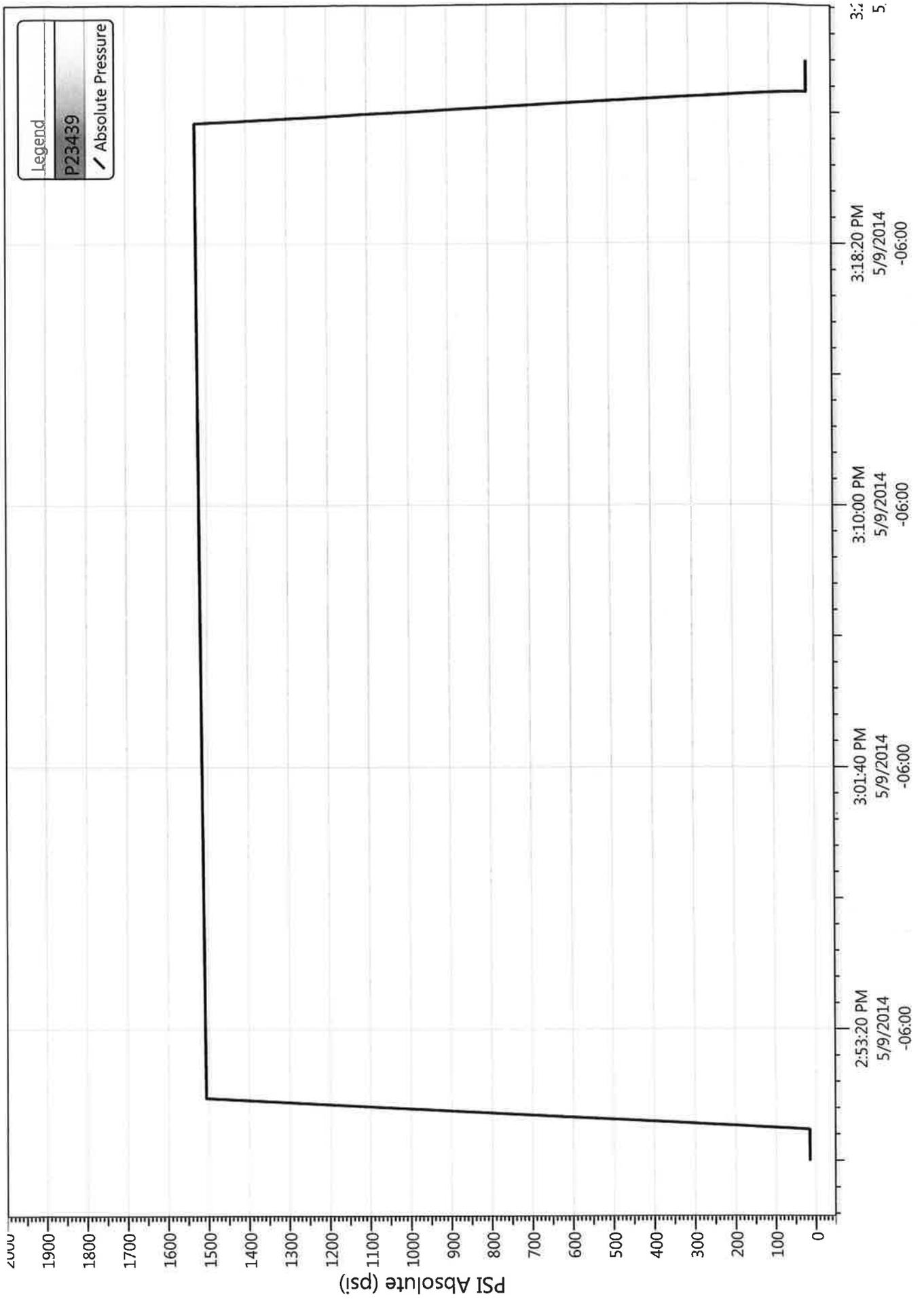
### MECHANICAL INTEGRITY PRESSURE TEST

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: \_\_\_\_\_

# 12-20-9-17 conversion MIT

5/9/2014 2:48:35 PM





Well Name: Federal 12-20-9-17

### Job Detail Summary Report

Primary Job Type Conversion	Job Start Date 5/8/2014	Job End Date 5/8/2014
--------------------------------	----------------------------	--------------------------

Daily Operations		
Report Start Date	Report End Date	24hr Activity Summary
5/8/2014	5/8/2014	MIRU LD RODS NU BOP
Start Time	End Time	Comment
05:30	06:00	MOVED FROM S-9-9-17. CREW TRAVEL
06:00	20:00	MIRUSU, BMW H/O Pmped 60BW d/ Csg, RDPU, LD & Strip Polished Rod, US Rod Pmp, Flushed Rods w/ 40BW, Soft Seat & Test to 3000psi, 18BW to Fill, GOOD TEST!, LD Rod String on Trailer, LD & Inspect Pmp ( ), H/O Flushed w/ 20BW, ND WH, Release TAC, NU Weatherford BOP, RU Weatherford BOP, Tag Fill @5527' w/ Tbg (55' Fill on PB- 267' Below Bottom Perf), POOH w/ 118-Jts (3705') Breaking Collars & Applying Liquid O-Ring to Pins, LD 51- Jts on Trailer, MU & RIH w/ Weatherford AS1X Injection PKR & 30- Jts...SWIFN
20:00	20:30	CREW TRAVEL
Report Start Date	Report End Date	24hr Activity Summary
5/9/2014	5/9/2014	TIH TBG PT - GOOD TEST. PERFORM INITIAL MIT
Start Time	End Time	Comment
05:30	06:00	CREW TRAVEL
06:00	16:00	SICP 50psi SITP 50psi, OWU, TIH w/ 88- Jts, RU & RIH w/ SL to Seat Stnd Valv, 20BW to Fill Tbg, HB SL, PT Tbg to 3100psi, Observ Press, 125psi Loss in 30Min, Bleed Off Gas, Repressure to 3100psi, 20psi Loss in 15min, NO PRESSURE LOSS in 30min, GOOD TEST ON TBGI, Retrieve Stnd Valv, RD Workfloor, ND BOP, MU WH, H/O Pmped 60Bbls of Johnson Wtr w/ Multi-Chem PKR Fluids, Set AS1X PKR CE @ 3723', NU 3K Injection Tree, XO Ball Valvs, PT Annulus to 1480psi, Observ Press, 15psi Pressure Gain in 30Min, NO Movement in Press in 30Min, NEWFIELD Wtr Service Rep Performed MIT, GOOD TEST!...RDSU...FINAL RIG REPORT!
16:00	16:30	Initial MIT on the above listed well. On 05/09/2014 the casing was pressured up to 1526 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10332
16:30	17:00	CREW TRAVEL

**NEWFIELD**

**Schematic**

**Well Name: Federal 12-20-9-17**

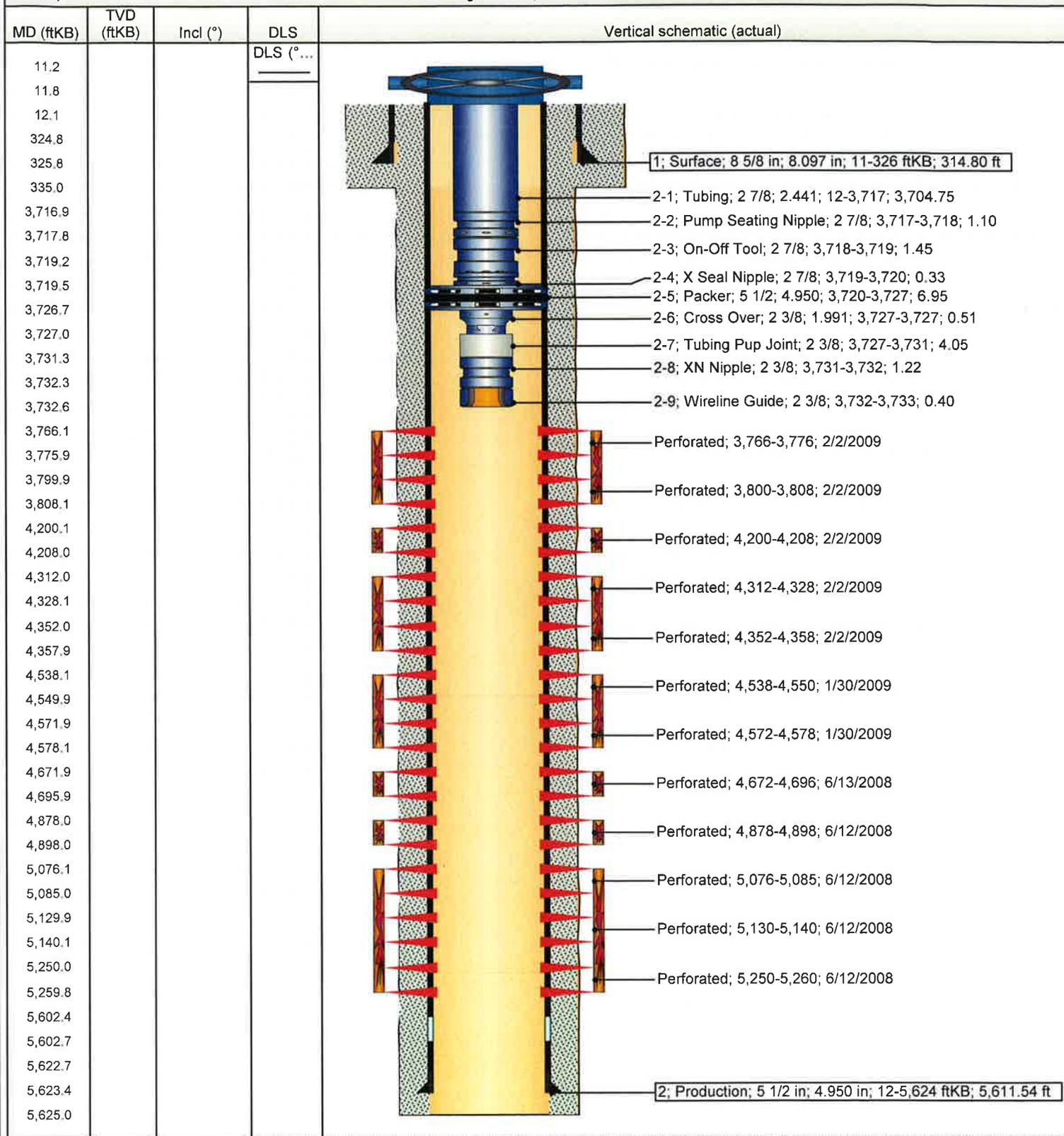
Surface Legal Location 20-9S-17E		API/UWI 43013332310000	Well RC 500159357	Lease	State/Province Utah	Field Name GMBU CTB6	County DUCHESNE
Spud Date	Rig Release Date	On Production Date 6/17/2008	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)	

**Most Recent Job**

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 5/8/2014	Job End Date
---------------------------------------	--------------------------------	-----------------------------	----------------------------	--------------

**TD: 5,625.0**

Vertical - Original Hole, 5/12/2014 1:55:37 PM



**NEWFIELD****Newfield Wellbore Diagram Data  
Federal 12-20-9-17**

Surface Legal Location 20-9S-17E		API/UWI 43013332310000		Lease	
County DUCHESNE		State/Province Utah		Basin	
Well Start Date 5/12/2008		Spud Date		Final Rig Release Date	
Original KB Elevation (ft)		Ground Elevation (ft)		Total Depth (ftKB) 5,625.0	
				Total Depth All (TVD) (ftKB)	
				PBTD (All) (ftKB)	
				On Production Date 6/17/2008	

**Casing Strings**

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	5/12/2008	8 5/8	8.097	24.00	J-55	326
Production	5/24/2008	5 1/2	4.950	15.50	J-55	5,624

**Cement****String: Surface, 326ftKB 5/12/2008**

Cementing Company		Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 335.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield		Fluid Type Lead	Amount (sacks) 260	Class G	Estimated Top (ftKB) 12.0

**String: Production, 5,624ftKB 5/24/2008**

Cementing Company		Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 5,625.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description Premilite II w/ 10% gel + 3% KCL, 3#'s /sk CSE + 2# sk/kolseal + 1/2#'s/sk Cello Flake		Fluid Type Lead	Amount (sacks) 300	Class PLII	Estimated Top (ftKB) 12.0
Fluid Description 50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM		Fluid Type Tail	Amount (sacks) 400	Class 50/50	Estimated Top (ftKB) 12.0

**Tubing Strings**

Tubing Description					Run Date	Set Depth (ftKB)			
Tubing					5/8/2014	3,732.8			
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)	
Tubing	118	2 7/8	2.441	6.50	J-55	3,704.75	12.0	3,716.8	
Pump Seating Nipple		2 7/8				1.10	3,716.8	3,717.9	
On-Off Tool		2 7/8				1.45	3,717.9	3,719.3	
X Seal Nipple		2 7/8				0.33	3,719.3	3,719.6	
Packer		5 1/2	4.950			6.95	3,719.6	3,726.6	
Cross Over		2 3/8	1.991			0.51	3,726.6	3,727.1	
Tubing Pup Joint		2 3/8				4.05	3,727.1	3,731.1	
XN Nipple		2 3/8				1.22	3,731.1	3,732.4	
Wireline Guide		2 3/8				0.40	3,732.4	3,732.8	

**Rod Strings**

Rod Description					Run Date	Set Depth (ftKB)				
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)			

**Perforation Intervals**

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
7	GB4, Original Hole	3,766	3,776	4	120		2/2/2009
7	GB6, Original Hole	3,800	3,808	4	120		2/2/2009
6	DS2, Original Hole	4,200	4,208	4	120		2/2/2009
5	D1, Original Hole	4,312	4,328	4	120		2/2/2009
5	D2, Original Hole	4,352	4,358	4	120		2/2/2009
4	B1, Original Hole	4,538	4,550	4	120		1/30/2009
4	B2, Original Hole	4,572	4,578	4	120		1/30/2009
3	A1, Original Hole	4,672	4,696				6/13/2008
2	LODC, Original Hole	4,878	4,898	4	120		6/12/2008
1	CP .5, Original Hole	5,076	5,085	4	120		6/12/2008
1	CP1, Original Hole	5,130	5,140	4	120		6/12/2008
1	CP3, Original Hole	5,250	5,260	4	120		6/12/2008

**Stimulations & Treatments**

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	1,868	0.8	27.2	2,188			
2	2,100	0.86	27.2	2,472			
3	1,990	0.86	25.9	2,113			
4	2,201	0.92					
5	1,977	0.89					

**NEWFIELD**

**Newfield Wellbore Diagram Data  
Federal 12-20-9-17**



Stimulations & Treatments							
Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
6	2,036	0.92					
7	1,852	0.92					

Proppant		
Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 44647 lbs
2		Proppant White Sand 89730 lbs
3		Proppant White Sand 113269 lbs
4		Proppant White Sand 46059 lbs
5		Proppant White Sand 54434 lbs
6		Proppant White Sand 34225 lbs
7		Proppant White Sand 55055 lbs

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</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>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-77369
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Water Injection Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> FEDERAL 12-20-9-17
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43013332310000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1876 FSL 0674 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 20 Township: 09.0S Range: 17.0E Meridian: S		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> 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 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 Date of Work Completion: 6/10/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT 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 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 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 9:15 AM on  
06/10/2014. EPA # UT22197-10332

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**  
June 16, 2014

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/16/2014	