

NEWFIELD



November 22, 2005

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 2-22-9-16, 8-22-9-16, 5-23-9-16, 8-23-9-16, 6-24-9-16, and Sundance Federal 12-1-9-17.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 8-22-9-16 is an Exception Location. Our Land Department will send you the required Exception Location Letter. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

  
Mandie Crozier  
Regulatory Specialist

mc  
enclosures

RECEIVED  
NOV 23 2005  
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-79014

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

7. If Unit or CA Agreement, Name and No.  
Sundance

8. Lease Name and Well No.  
Sundance Federal 12-1-9-17

9. API Well No.  
43-047-37419

10. Field and Pool, or Exploratory  
Monument Butte Eight Mile Flat North

11. Sec., T., R., M., or Blk. and Survey or Area  
NW/SW Sec. 1, T9S R17E

12. County or Parish  
Uintah

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 2040' FSL 607' FWL 589571 X 40.05826  
At proposed prod. zone 4434530-y -109.96153

14. Distance in miles and direction from nearest town or post office\*  
Approximatley 16.8 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. 600' f/lse, 607' f/unit

16. No. of Acres in lease  
440.09

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. 1577'

19. Proposed Depth  
6030'

20. BLM/BIA Bond No. on file  
UT0056

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
5036' GL

22. Approximate date work will start\*  
1st 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 *Mandie Crozier* Name (Printed/Typed) Mandie Crozier Date 11/22/05

Title Regulatory Specialist

Approved by *Bradley G. Hill* Name (Printed/Typed) BRADLEY G. HILL Date 11-29-05

Title ENVIRONMENTAL SCIENTIST III

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)

RECEIVED

NOV 23 2005

DIV. OF OIL, GAS & MINING

Federal Approval of this  
Action is Necessary



NEWFIELD PRODUCTION COMPANY  
SUNDANCE FEDERAL #12-1-9-17  
NW/SW SECTION 1, T9S, R17E  
UINTAH COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' - 2175'
Green River	2175'
Wasatch	6030'

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

Green River Formation 2175' - 6030' - 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  
SUNDANCE FEDERAL #12-1-9-17  
NW/SW SECTION 1, T9S, R17E  
UINTAH COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Sundance Federal #12-1-9-17 located in the NW 1/4 SW 1/4 Section 1, T9S, R17E, Uintah 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 - 14.2 miles  $\pm$  to it's junction with an existing dirt road to the northeast; proceed northeasterly - 1.0 miles  $\pm$  to it's junction with the beginning of the proposed access road; proceed along the proposed access road - 1,380'  $\pm$  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

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report # 03-58, 5/19/03. Paleontological Resource Survey prepared by, Wade E. Miller, 5/8/03. See attached report cover pages, Exhibit "D".

For the Sundance Federal #12-1-9-17 Newfield Production Company requests a 840' ROW be granted in Lease ML-45555 and 540' of disturbed area be granted in Lease UTU-79014 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 a 840' ROW in Lease ML-45555 and 540' of disturbed area be granted in Lease UTU-79014 to allow for construction of the proposed gas lines. It is proposed that the ROW and 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**

**Ferruginous Hawk:** Due to this proposed well location's proximity (less than 0.5 mile) to an existing inactive ferruginous hawk nest site, no new construction or surface disturbing activities will be allowed between March 1 and June 31. If the nest remains inactive on May 30<sup>th</sup> (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location after that date. If the nest site becomes active prior to May 30, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

**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)

Crested Wheatgrass	<i>Agropyron Cristatum</i>	4 lbs/acre
Garners Saltbush	<i>Atriplex Gardneri</i>	4 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	4 lbs/acre

**Details of the On-Site Inspection**

The proposed Sundance Federal #12-1-9-17 was on-sited on 7/12/05. The following were present; Shon Mckinnon (Newfeild Production), Byron Tolman (Bureau of Land Management), Melissa Hawk (Bureau of Land Management), and Amy Torres (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 #12-1-9-17 NW/SW Section 1, Township 9S, Range 17E: Lease UTU-79014 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

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.

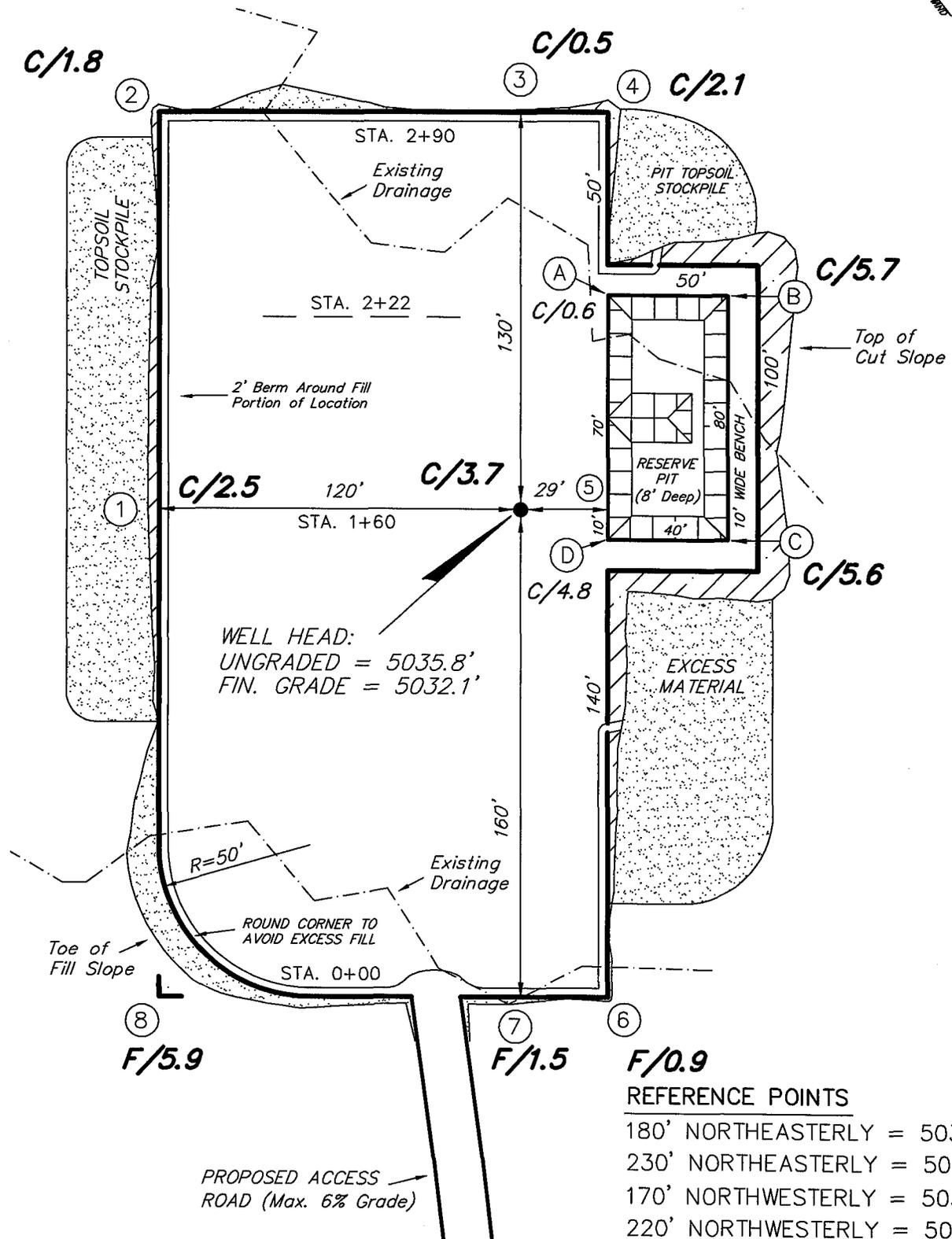
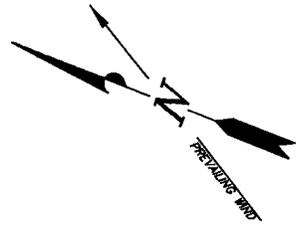
\_\_\_\_\_  
November 22, 2005  
Date

  
 Mandie Crozier  
 Regulatory Specialist  
 Newfield Production Company

# NEWFIELD PRODUCTION COMPANY

SUNDANCE 12-1-9-17

Section 1, T9S, R17E, S.L.B.&M.

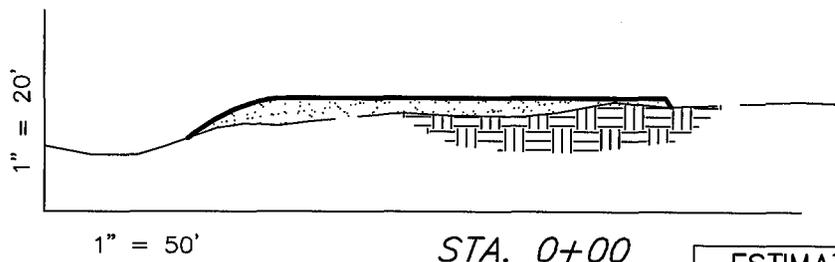
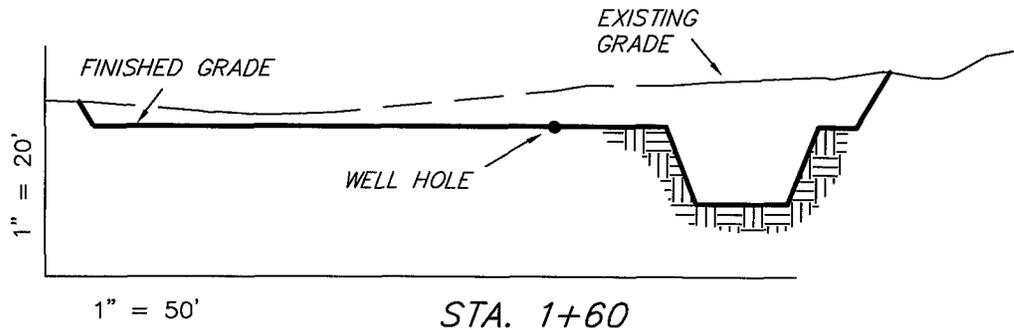
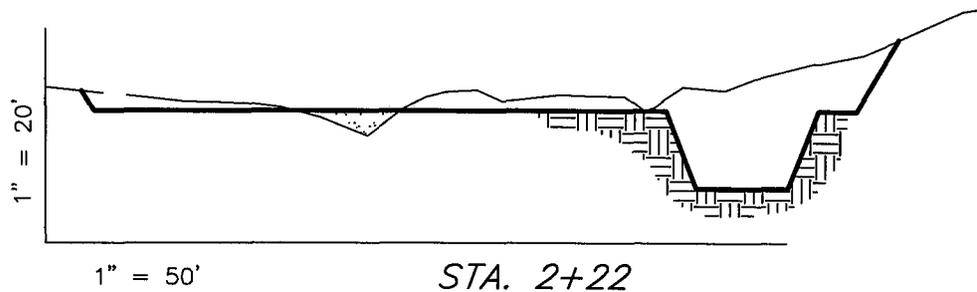
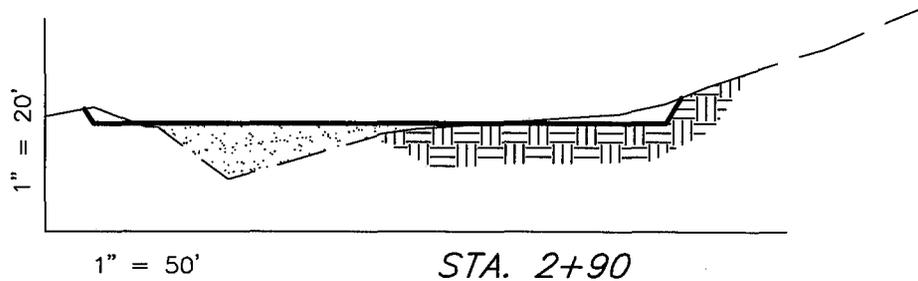


SURVEYED BY: C.M.	SCALE: 1" = 50'	 Tri State Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078 (435) 781-2501
DRAWN BY: F.T.M.	DATE: 9-19-05	

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS

SUNDANCE 12-1-9-17



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	2,130	2,120	Topsoil is not included in Pad Cut	10
PIT	640	0		640
TOTALS	2,770	2,120	970	650

SURVEYED BY: C.M.

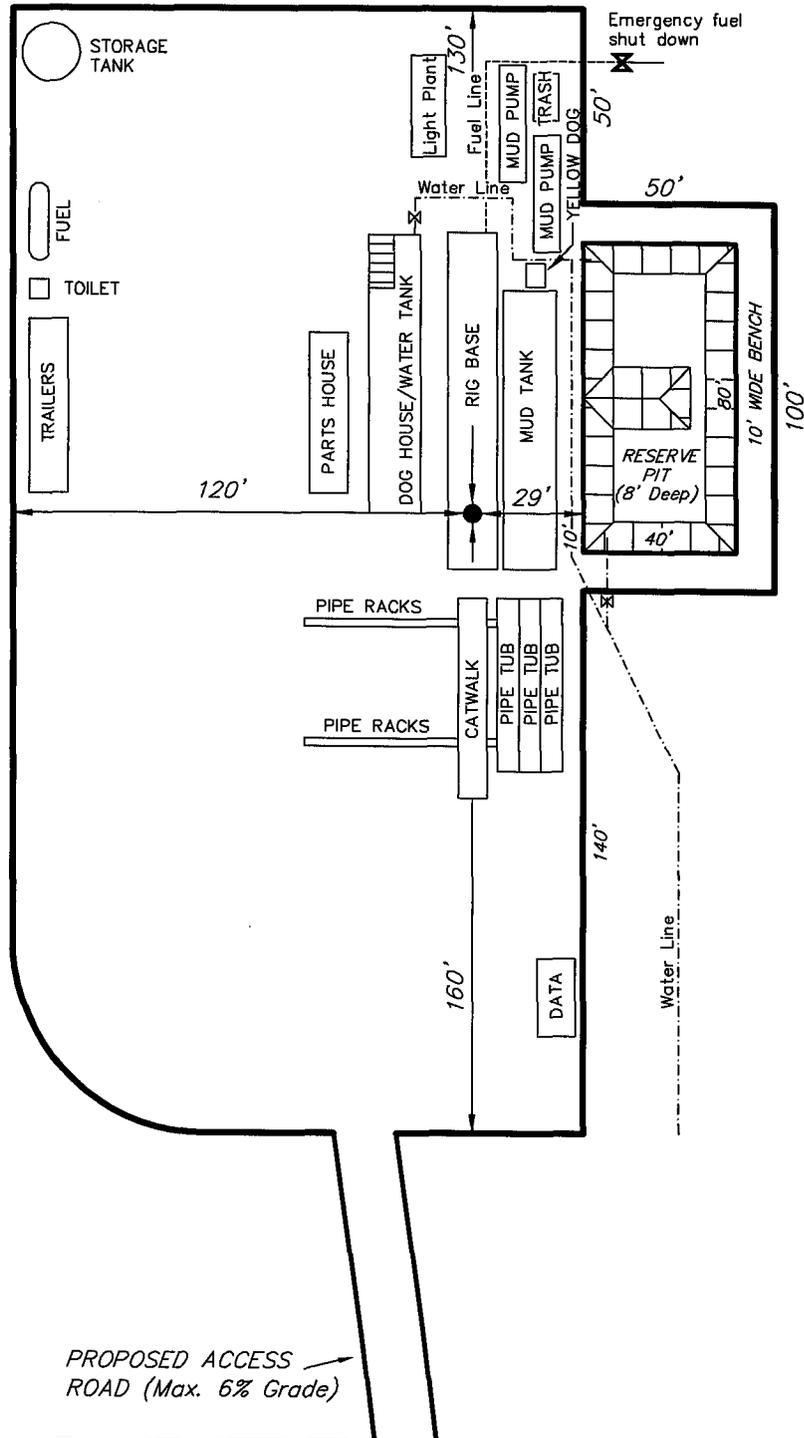
SCALE: 1" = 50'

DRAWN BY: F.T.M.

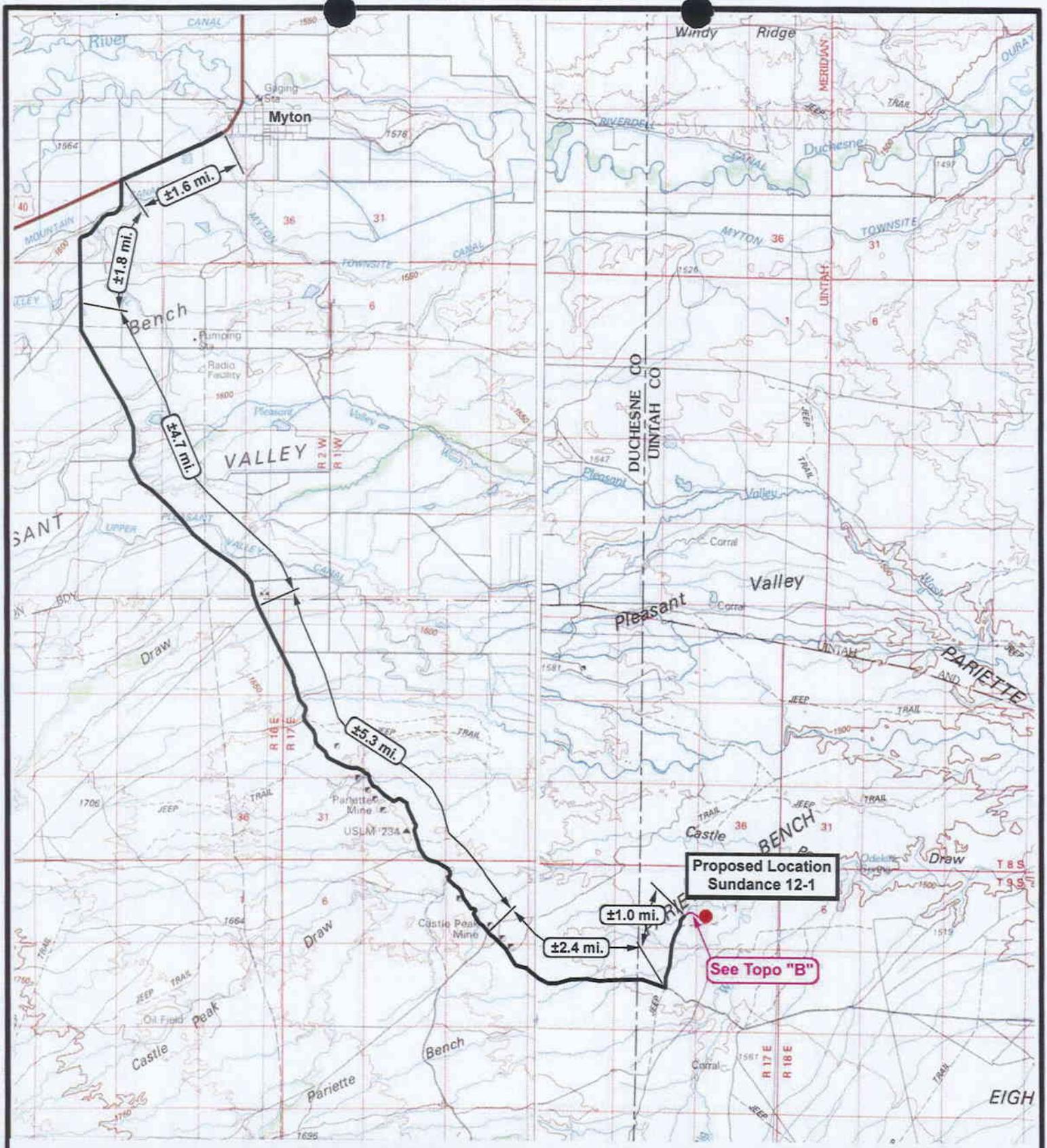
DATE: 9-19-05

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

**NEWFIELD PRODUCTION COMPANY**  
**TYPICAL RIG LAYOUT**  
**SUNDANCE 12-1-9-17**



SURVEYED BY: C.M.	SCALE: 1" = 50'	<b>Tri State</b> <b>Land Surveying, Inc.</b> 180 NORTH VERNAL AVE. VERNAL, UTAH 84078 (435) 781-2501
DRAWN BY: F.T.M.	DATE: 9-19-05	



**NEWFIELD**  
Exploration Company

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**Sundance 12-1-9-17**  
**SEC. 1, 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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SCALE: 1 = 100,000  
DRAWN BY: mw  
DATE: 09-20-2005

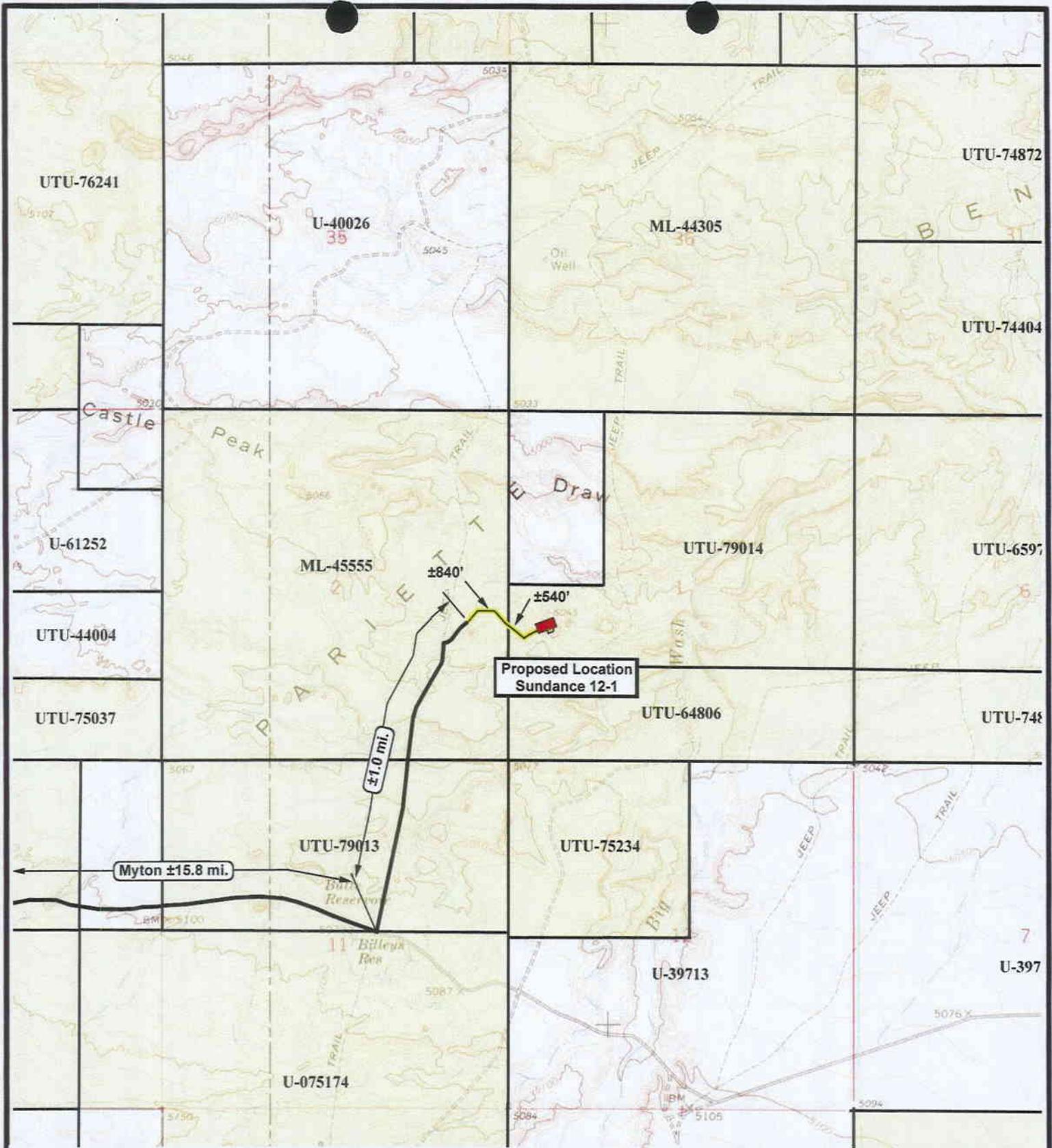
**Legend**

- Existing Road
- Proposed Access

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TOPOGRAPHIC MAP

**"A"**



**NEWFIELD**  
Exploration Company

**Sundance 12-1-9-17**  
**SEC. 1, T9S, R17E, S.L.B.&M.**

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

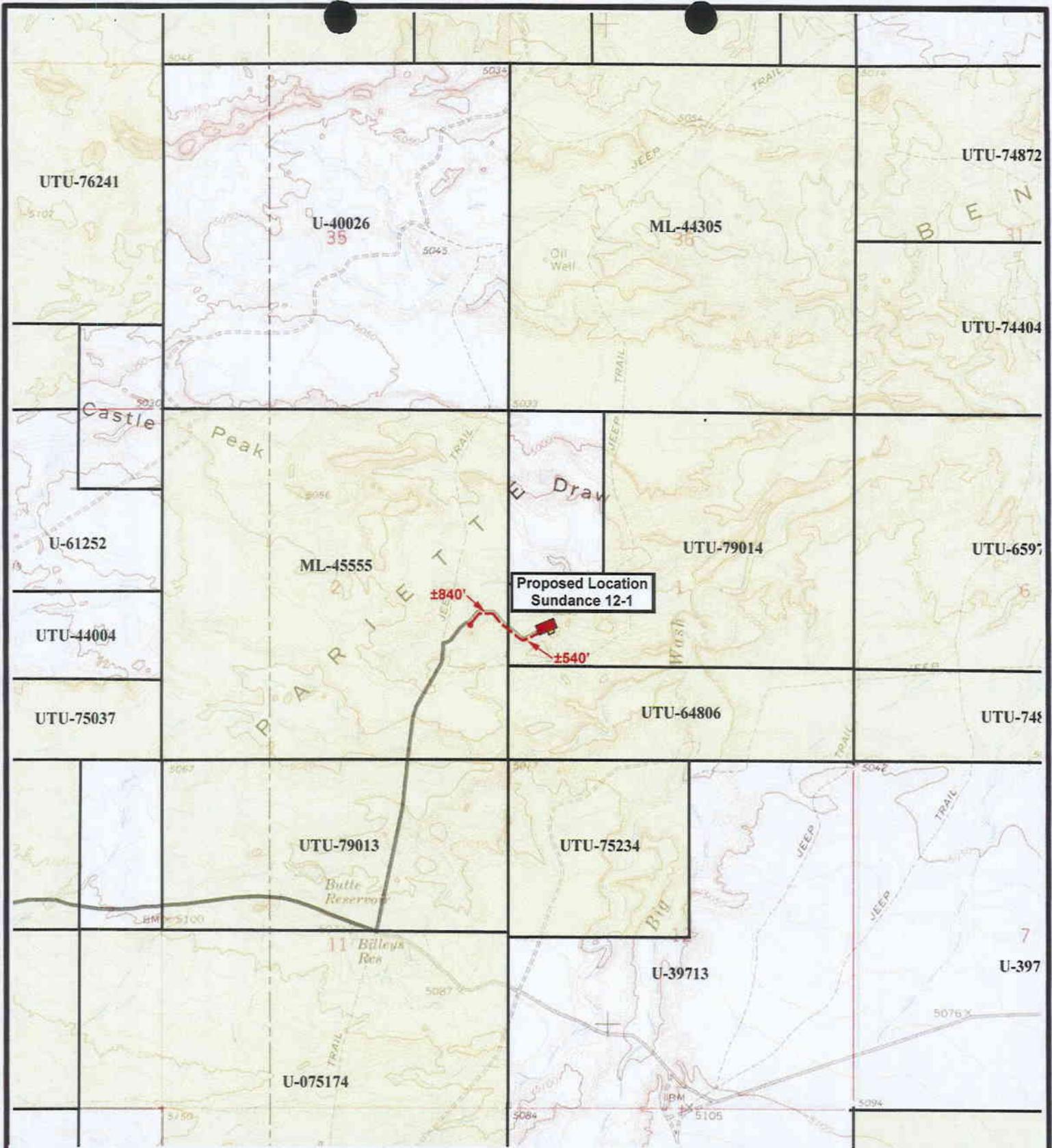
SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 9-20-2005

**Legend**

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

**"B"**



**NEWFIELD**  
Exploration Company

**Sundance 12-1-9-17**  
**SEC. 1, T9S, R17E, S.L.B.&M.**



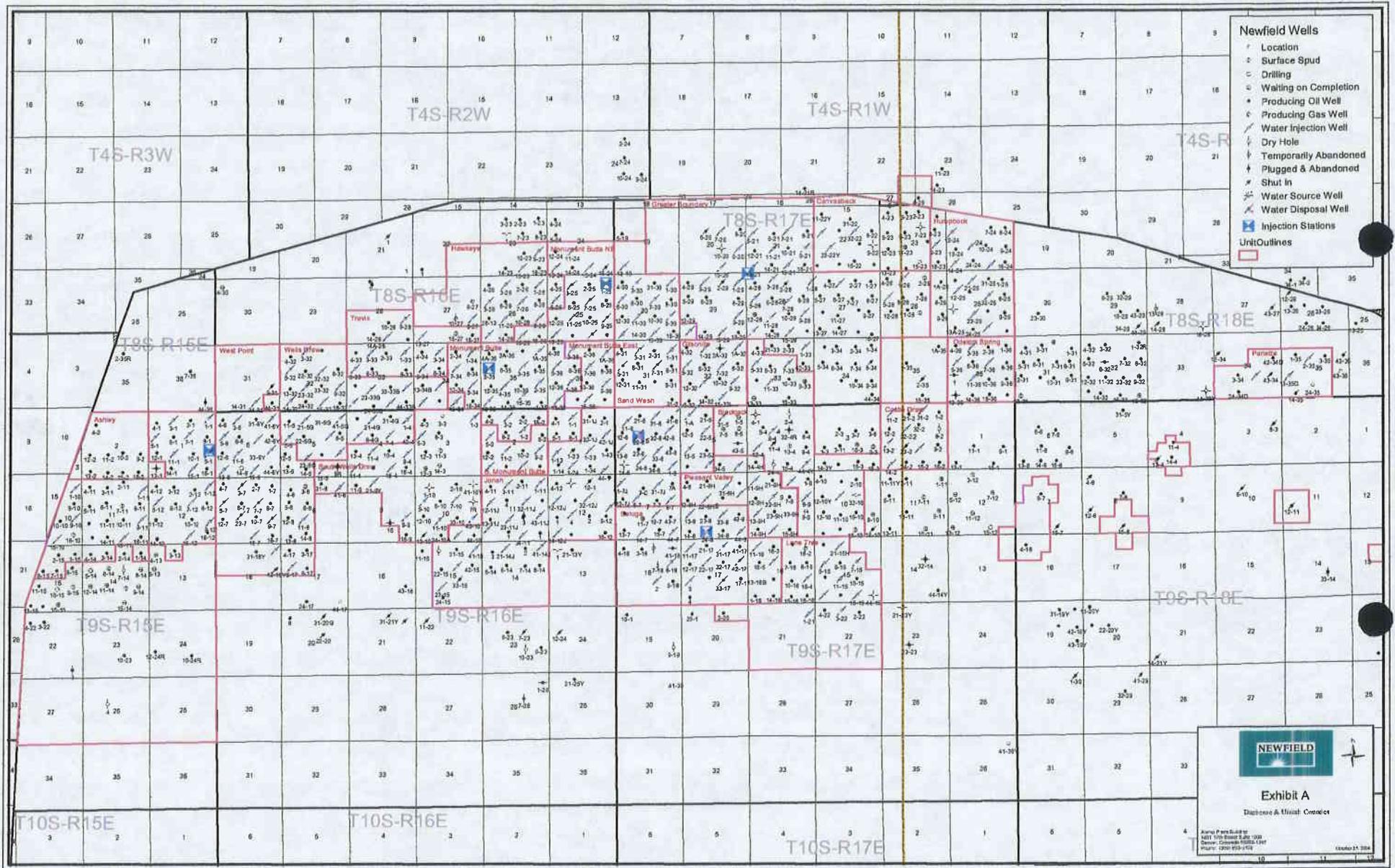
*Tri-State*  
*Land Surveying Inc.*  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 09-20-2005

**Legend**

- Roads
- Proposed Gas Line

TOPOGRAPHIC MAP  
**"C"**

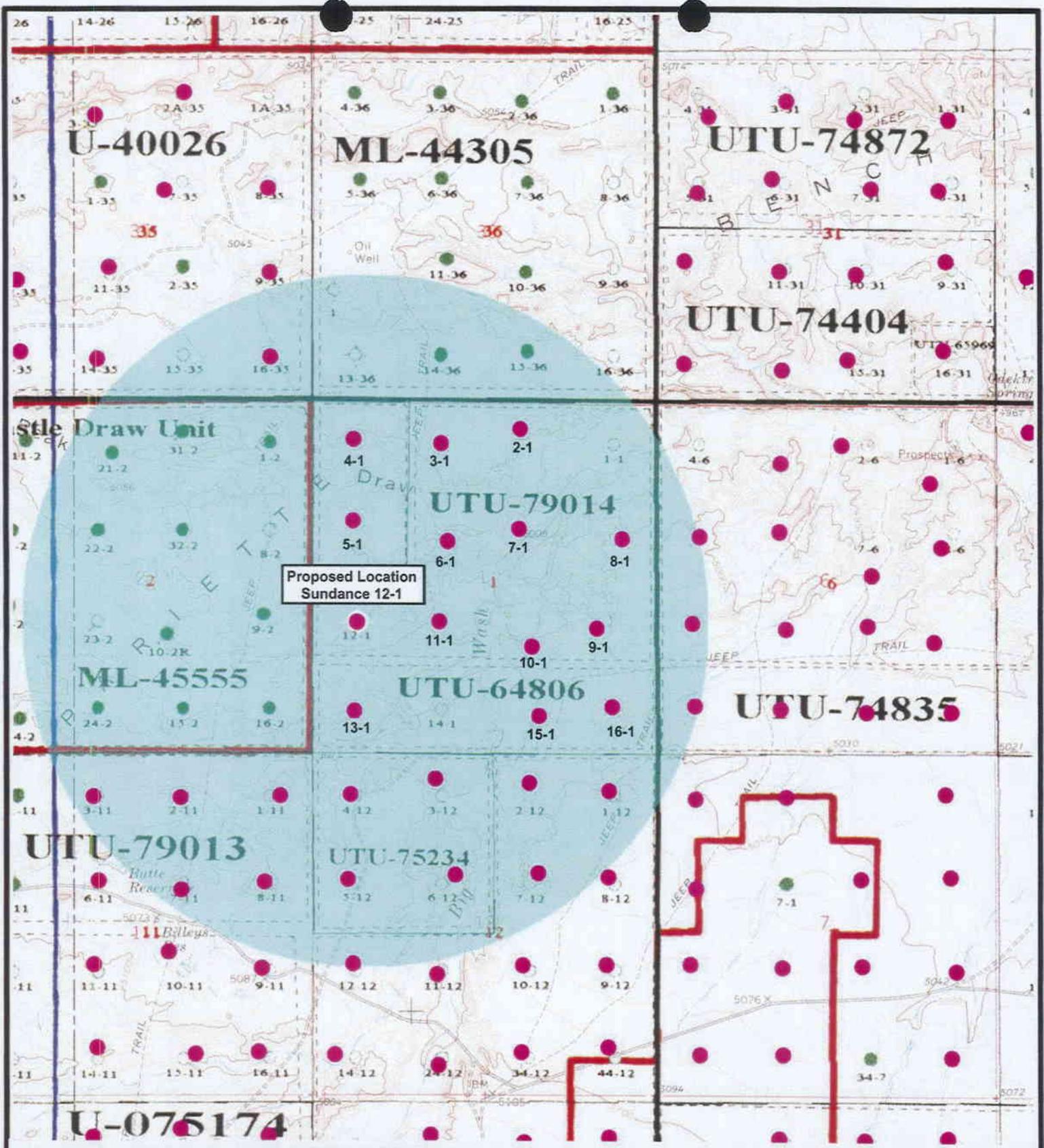


- Newfield Wells**
- Location
  - Surface Spud
  - Drilling
  - Waiting on Completion
  - Producing Oil Well
  - Producing Gas Well
  - Water Injection Well
  - Dry Hole
  - Temporarily Abandoned
  - Plugged & Abandoned
  - Shut In
  - Water Source Well
  - Water Disposal Well
  - Injection Stations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



**Exhibit A**  
District & Unit Connect

Alamo Permian Basin  
 4801 11th Street, Suite 1000  
 Denver, Colorado 80202-1397  
 Phone: (303) 955-1124  
 October 24, 2004



Proposed Location  
Sundance 12-1

**NEWFIELD**  
Exploration Company

**Sundance 12-1-9-17**  
**SEC. 1, 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: 09-20-2005

**Legend**

- Well Locations
- One-Mile Radius

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

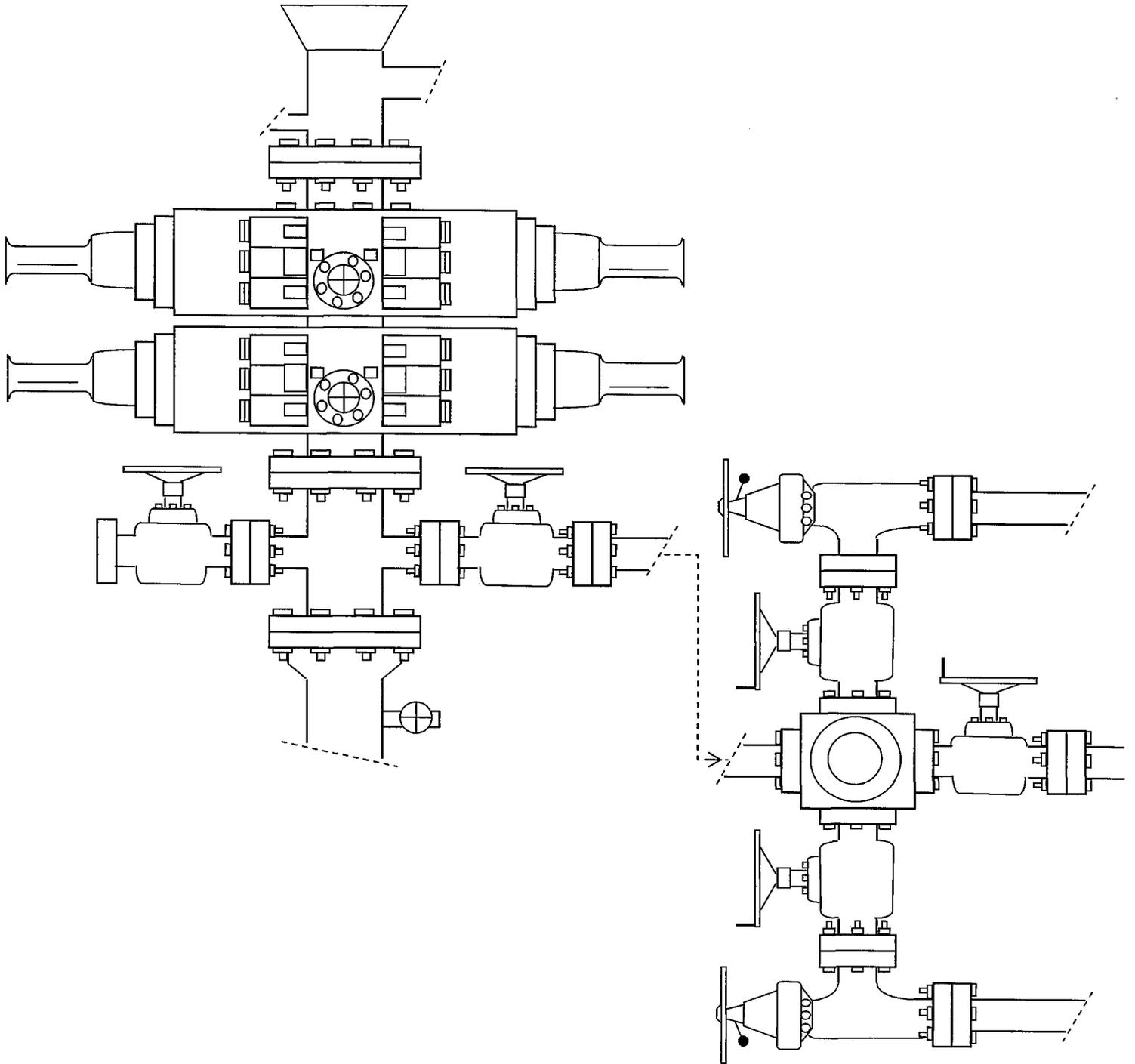


EXHIBIT C

Exhibit "D"  
Page 1 of 2

CULTURAL RESOURCE INVENTORY OF  
INLAND RESOURCES' BLOCK PARCELS IN  
T 9S, R 17E, SECTIONS 1 AND 12  
Uintah County, Utah

BY:

Mark C. Bond

Prepared For:

Bureau of Land Management  
Vernal Field Office

Prepared Under Contract With:

Jon D. Holst & Company  
for  
Inland Resources  
2507 Flintridge Place  
Fort Collins, CO 80521

Prepared By:

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

MOAC Report No. 03-58

May 19, 2003

United States Department of Interior (FLPMA)  
Permit No. 03-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-03-MQ-0328b

**INLAND RESOURCES, INC.**

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED  
PRODUCTION DEVELOPMENT AREAS,  
DUCHESNE AND Uintah COUNTIES, UTAH**

(South ½ Section 6, T 9 S, R 18 E; South ½ Section 1, T 9 S, 17 R E;  
all of Sections 11 and 12, the NW, SE & NE quarters of the SW ¼ Section 10,  
the NE ¼ & SE ¼ of the SE ¼ Section 9, T 9 S, R 17 E and the SE ¼, SW ¼,  
NE ¼ and SE ¼ of the SE ¼, Section 33, T 8 S, R 17 E.)

**REPORT OF SURVEY**

Prepared for:

**Inland Resources, Inc.**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
May 8, 2003

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/23/2005

API NO. ASSIGNED: 43-047-37419

WELL NAME: SUNDANCE FED 12-1-9-17  
 OPERATOR: NEWFIELD PRODUCTION ( N2695 )  
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWSW 01 090S 170E  
 SURFACE: 2040 FSL 0607 FWL  
 BOTTOM: 2040 FSL 0607 FWL  
 UINTAH  
 8 MILE FLAT NORTH ( 590 )

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-79014  
 SURFACE OWNER: 1 - Federal  
 PROPOSED FORMATION: GRRV  
 COALBED METHANE WELL? NO

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

LATITUDE: 40.05826  
 LONGITUDE: -109.9615

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UT0056 )
- 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:

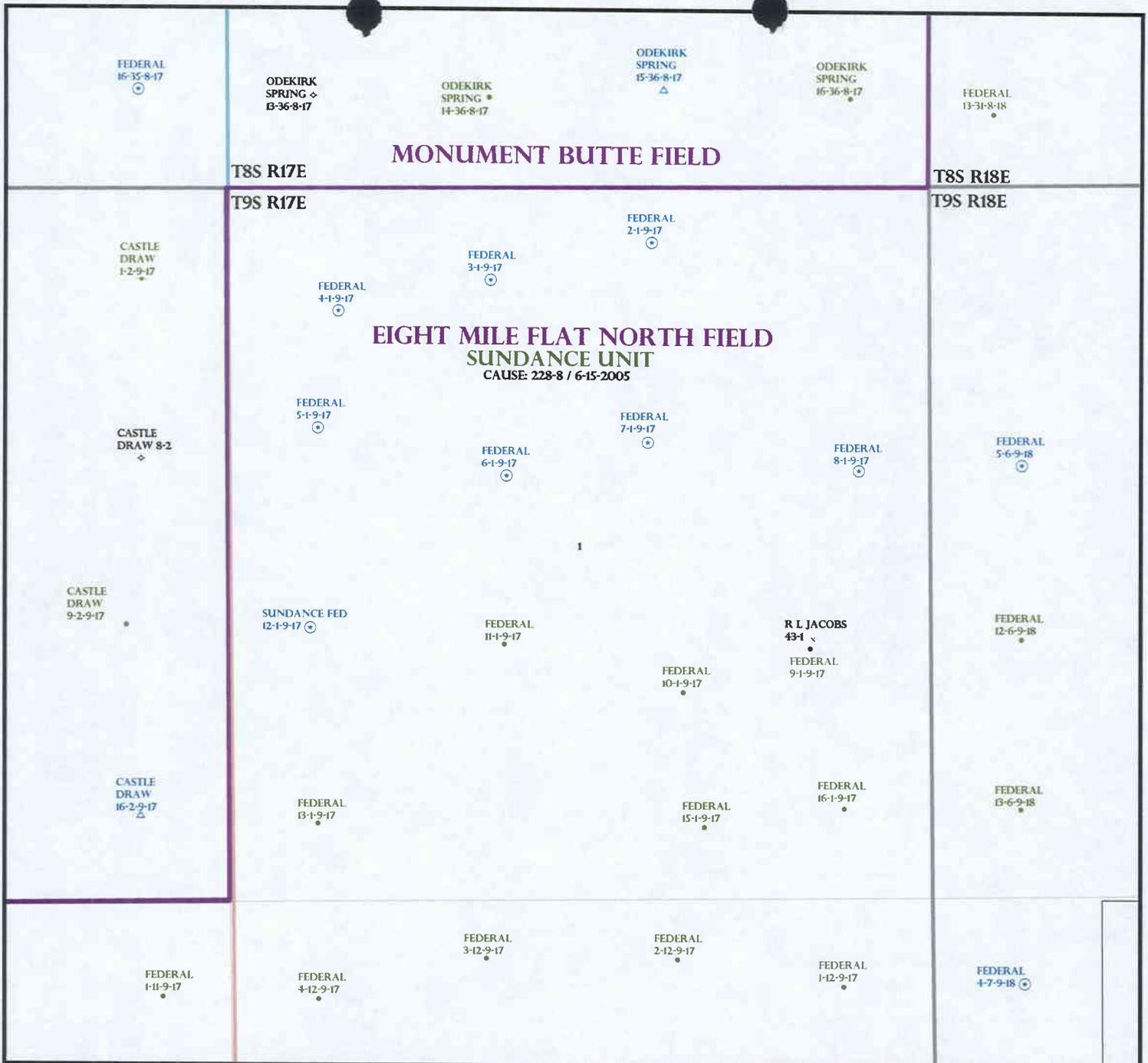
- R649-2-3.
- Unit SUNDANCE (GRRV)
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: 228-08  
Eff Date: 10-15-2005  
Siting: Suspends General Siting
- R649-3-11. Directional Drill

COMMENTS:

Sep, Separate file

STIPULATIONS:

1-federal Approval



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 1 T. 9S R. 17E

FIELD: EIGHT MILE FLAT NORTH (590)

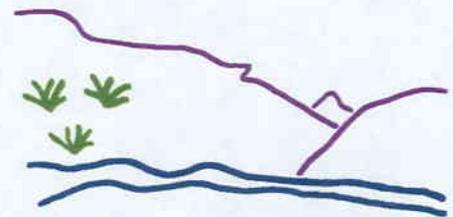
COUNTY: UINTAH

CAUSE: 228-8 / 6-15-2005

- 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: 29-NOVEMBER-2005

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

November 29, 2005

### Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2005 Plan of Development Sundance Unit, Uintah County,  
Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well is planned for calendar year 2005 within the Sundance Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
	(Proposed PZ Green River)	
43-047-37419	Sundance Federal	12-1-9-17 Sec 1 T09S R17E 2040 FSL 0607 FWL

This office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

bcc: File – Sundance Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:11-29-05



**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*

November 29, 2005

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

Re: Sundance Federal 12-1-9-17 Well, 2040' FSL, 607' FWL, NW SW, Sec. 1,  
T. 9 South, R. 17 East, Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37419.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

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

Operator: Newfield Production Company

Well Name & Number Sundance Federal 12-1-9-17

API Number: 43-047-37419

Lease: UTU-79014

Location: NW SW                      Sec. 1                      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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1995

**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-79014**

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

7. If Unit or C/A, Agreement Designation  
**SUNDANCE**

8. Well Name and No.  
**FEDERAL 12-1-9-17**

9. API Well No.  
**43-047-37419**

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

11. County or Parish, State

**UINTAH 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)  
**2040 FSL 607 FWL NW/SW Section 1, T9S R17E**

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>Permit Extension</u>
	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion or Well Completion or Recompletion Report and Log form.)</small>

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 11/29/05 (expiration 11/29/06).

This APD has not been approved yet by the BLM.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 10-30-06  
By: [Signature]

COPIES SENT TO OPERATOR  
DATE: 10-31-06  
TIME: PM

I hereby certify that the foregoing is true and correct  
 Signed: Mandie Crozier Title: Regulatory Specialist Date: 10-27-2006  
 Mandie Crozier

CC: UTAH DOGM  
 (This space for Federal or State office use)  
 Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

**RECEIVED**  
**OCT 30 2006**  
DIV. OF OIL, GAS & MINING



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

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

**API:** 43-047-37419  
**Well Name:** Federal 12-1-9-17  
**Location:** NW/SW Section 1, T9S R17E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 11/29/2005

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  (A)

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

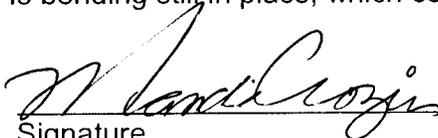
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  No

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

10/27/2006  
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

**RECEIVED**

**OCT 30 2006**

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

NOV 28 2005

VERNAL, UTAH

Form 3160-3  
(September 2001)

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-79014

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

7. If Unit or CA Agreement, Name and No.  
Sundance

8. Lease Name and Well No.  
Sundance Federal 12-1-9-17

9. API Well No.  
43-047-37419

10. Field and Pool, or Exploratory  
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area  
NW/SW Sec. 1, T9S R17E

12. County or Parish  
Uintah

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 2040' FSL 607' FWL  
At proposed prod. zone

14. Distance in miles and direction from nearest town or post office\*  
Approximatley 16.8 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. 600' flse, 607' fl/unit

16. No. of Acres in lease  
440.09

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. 1577'

19. Proposed Depth  
6030'

20. BLM/BIA Bond No. on file  
UT0056

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
5036' GL

22. Approximate date work will start\*  
1st 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 *Mandie Crozier* Name (Printed/Typed) Mandie Crozier Date 11/22/05  
Title Regulatory Specialist

Approved by (Signature) *Jerry Kenczka* Name (Printed/Typed) Jerry Kenczka Date 2/23/2007  
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.

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 CONDITIONS OF APPROVAL ATTACHED RECEIVED

FEB 28 2007

DIV. OF OIL, GAS & MINING  
018M 4772A



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:** Sundance Federal 12-1-9-17  
**API No:** 43-047-37419

**Location:** NWSW, Sec 1, T9S, R17E  
**Lease No:** UTU-79014  
**Agreement:** Sundance Unit

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	
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	
NRS/Enviro Scientist:	Holly Villa	435-781-4404	
NRS/Enviro Scientist:	Melissa Hawk	435-781-4476	435-828-7381
NRS/Enviro Scientist:	Chuck MacDonald	435-781-4441	
NRS/Enviro Scientist:	Jannice Cutler	435-781-3400	
NRS/Enviro Scientist:	Michael Cutler	435-781-3401	
NRS/Enviro Scientist:	Anna Figueroa	435-781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	435-781-3402	
NRS/Enviro Scientist:	Darren Williams	435-781-4447	
NRS/Enviro Scientist:	Nathan Packer	435-781-3405	

**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/Enviro Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS/Enviro 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 Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings
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)**

- 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 Prairie Falcon habitats. Modifications to the Surface Use Plan of Operations may be required in order to protect the Mountain Plover and Prairie Falcon 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 July 15 – to protect Prairie Falcon nesting season.

**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.

840 feet by 30 feet width for access road – Lease ML-45555  
840 feet by 50 feet width for pipe lines – Lease ML-45555

- 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 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.
- 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:

Crested Wheat grass (Agropyron cristatum)	4 lbs/acre
Shadscale (Atriplex confertifolia)	4 lbs/acre
Gardner Saltbush (Atriplex gardneri)	4 lb/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.

**General Surface COA**

**Operator shall notify any active Gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.**

## **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**

- None

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

- 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.
- 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 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).
- All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

- The lessee/operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, 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.
- All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- 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.
- 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.
- 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\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- 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.
- 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.
- 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.
- 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:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and / or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- 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.

- 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 Exploration Company**

Well Name: **Sundance Federal 12-1-9-17**

API No: **43-047-37419** Lease Type: **Federal**

Section **01** Township **09S** Range **17E** County **Uintah**

Drilling Contractor **NDSI** RIG # **NS#1**

### **SPUDDED:**

Date **4-04-07**

Time **10:00 AM**

How **Dry**

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

Reported by **Don Bastian**

Telephone # **435-823-6012**

Date **4-4-07** Signed **RM**

STATE OF UTAH  
 DIVISION OF OIL, GAS AND MINING  
 ENTITY ACTION FORM - FORM 8

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

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RS	COUNTY		
A	99999	16034	43-013-32771	FEDERAL 4-34-9-16	NE/NW	34	9S	16E	DUCHESNE	3/31/2007	4/5/07
WELL 1 COMMENTS: <i>mncs</i>											
A	99999	16018	43-013-33603	FEDERAL 14A-19-9-17	SE/SW	19	9S	17E	DUCHESNE	3/31/2007	4/5/07
WELL 2 COMMENTS: <i>GRRV</i>											
A	1463	14844	43-047-31405	FEDERAL 16-6R-9-18	SW/SE	5	9S	18E	UINTAH	4/2/2007	4/4/07
WELL 3 COMMENTS: <i>GRRV Sundance</i>											
A	99999	14844	43-047-37419	<i>SUNDANCE</i> FEDERAL 12-1-9-17	NW/SW	1	9S	17E	UINTAH	4/4/2007	4/5/07
WELL 4 COMMENTS: <i>GRRV</i>											
WELL 5 COMMENTS:											
WELL 6 COMMENTS:											

- ACTION CODES (see instructions on back of form)
- A - entry for new well (single well only)
  - B - to existing entity (group or unit well)
  - C - to existing entity to another existing entity
  - D - in an case relating entry to a new entity
  - E - see item 10 comments section

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

RECEIVED  
 APR 04 2007

DIV. OF OIL, GAS & MINING

*Lana Nabeker*  
 Signature  
 Lana Nabeker  
 Production Clerk

April 4, 2007  
 Date

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.

5. Lease Serial No.  
USA UTU-79014

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
SUNDANCE UNIT

8. Well Name and No.  
SUNDANCE FEDERAL 12-1-9-17

9. API Well No.  
4304737419

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
UINTAH, UT

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)  
435 646 3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2040 FSL 607 FWL  
NWSW Section 1 T9S R17E

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

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

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

On 4/4/2007 MIRU NDSI NS # 1. Spud well @ 10:00 AM. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 321.63'/ KB On 4/7/2007 cement with 160 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 2 bbls cement to pit. WOC.

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APR 12 2007

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed)  
Troy Zufelt

Signature 

Title  
Drilling Foreman

Date  
04/08/2007

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)

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

\_\_\_\_\_ **8 5/8** \_\_\_\_\_ CASING SET AT \_\_\_\_\_ **321.63** \_\_\_\_\_

LAST CASING **8 5/8"** set @ **321.63**  
 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 12-1-9-17**  
 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 44.40'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	309.78
		<b>GUIDE</b> shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			311.63
TOTAL LENGTH OF STRING		311.63	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>321.63</b>
TOTAL		309.78	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		309.78	7				
TIMING		1ST STAGE		GOOD CIRC THRU JOB <u>yes</u>			
BEGIN RUN CSG.		Spud	4/4/2007	10:00 AM	Bbls CMT CIRC TO SURFACE <u>2</u>		
CSG. IN HOLE			4/5/2007	9:00 AM	RECIPROCATED PIPE FOR <u>N/A</u>		
BEGIN CIRC			4/7/2007	9:58 AM			
BEGIN PUMP CMT			4/7/2007	10:16 AM			
BEGIN DSPL. CMT			4/7/2007	10:40 AM	BUMPED PLUG TO <u>150</u> PSI		
PLUG DOWN			4/7/2007	10:55 AM			
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 Troy Zufelt DATE 4/7/2007

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.

5. Lease Serial No.  
USA UTU-79014

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
SUNDANCE UNIT

8. Well Name and No.  
SUNDANCE FEDERAL 12-1-9-17

9. API Well No.  
4304737419

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
UINTAH, UT

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2040 FSL 607 FWL  
NWSW Section 1 T9S R17E

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 recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

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

I hereby certify that the foregoing is true and correct (Printed/ Typed) Mandie Crozier	Title Regulatory Specialist
Signature <i>Mandie Crozier</i>	Date 05/17/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

(Instructions on reverse)

RECEIVED

MAY 18 2007

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

5. Lease Serial No.  
USA UTU-79014

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
SUNDANCE UNIT

8. Well Name and No.  
SUNDANCE FEDERAL 12-1-9-17

9. API Well No.  
4304737419

10. Field and Pool, or Exploratory Area  
MONUMENT BUTE

11. County or Parish, State  
UINTAH, UT

**REPRODUCTION PROHIBITED - Other Instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)  
435.646.3721

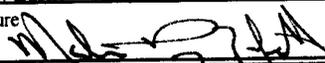
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2040 FSL 607 FWL  
NWSW Section 1 T9S R17E

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

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

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

On 4/13/2007 MIRU Patterson Rig # 155. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 285'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5,975'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 135 jt's of 5.5 J-55, 15.5# csgn. Set @ 5961.03' / KB. Cement with 350sks cement mixed @ 11.0 ppg & 3.49 yld. The 425 sks cement mixed @ 14.4 ppg & 1.24 yld. With 15 bbls cmt returned to pit. Nipple down Bop's. Drop slips @ 94,000 #'s tension. Release rig 4:00 pm on 4/19/2007.

I hereby certify that the foregoing is true and correct (Printed/ Typed)  
Troy Zufelt  
Signature 

Title  
Drilling Foreman

Date  
04/20/2007

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

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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

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

(Instructions on reverse)

**RECEIVED**  
**APR 24 2007**  
DIV. OF OIL, GAS & MINING

**NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT**

5 1/2" CASING SET AT 5961.03

Fit cllr @ 5915.27'

LAST CASING 8 5/8" SET # 321.63'

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Federal 12-1-9-17

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE \_\_\_\_\_

CONTRACTOR & RIG # Patterson #155

TD DRILLER 5975' Loggers 5976'

HOLE SIZE 7 7/8"

**LOG OF CASING STRING:**

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		<b>Short jt</b> 4106.30(6.20)					
134	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5903.27
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	44.51
		<b>GUIDE</b> shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5963.03
TOTAL LENGTH OF STRING		5963.03	135	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		390.34	9	CASING SET DEPTH			<b>5961.03</b>
TOTAL		<b>6338.12</b>	144	} COMPARE			
TOTAL CSG. DEL. (W/O THRS)		6338.12	144				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		4/19/2007	1:30 AM	GOOD CIRC THRU JOB <u>YES</u>			
CSG. IN HOLE		4/19/2007	5:30 AM	Bbls CMT CIRC TO SURFACE <u>15</u>			
BEGIN CIRC		4/19/2007	6:00 AM	RECIPROCATED PIPE FOR <u>THRUSTROKE NA</u>			
BEGIN PUMP CMT		4/19/2007	9:28 AM	DID BACK PRES. VALVE HOLD ? <u>YES</u>			
BEGIN DSPL. CMT		4/19/2007	10:31 AM	BUMPED PLUG TO <u>1510</u> PSI			
PLUG DOWN		4/19/2007	10:56 AM				
CEMENT USED		CEMENT COMPANY- <b>B. J.</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	350	Premlite II w/ 10% gel + 3 % KCL, 3#'s /sk CSE + 2# sk/kolseal + 1/2#'s/sk Cello Flake mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2	425	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Troy Zufelt

DATE 4/19/2007

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

5. LEASE DESIGNATION AND SERIAL NUMBER:

USA UTU-79014

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

SUNDANCE UNIT

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

1. TYPE OF WELL:

OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:

SUNDANCE FEDERAL 12-1-9-17

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

9. API NUMBER:

4304737419

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: 2040 FSL 607 FWL

COUNTY: UINTAH

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSW, 1, 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  <hr/>	<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 (Submit Original Form Only)  Date of Work Completion:  <u>06/06/2007</u>	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY 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	

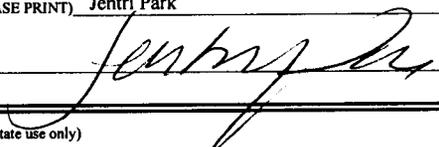
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 05/15/07, attached is a daily completion status report.

**RECEIVED**  
**JUN 08 2007**  
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE 

DATE 06/06/2007

(This space for State use only)

## Daily Activity Report

Format For Sundry

**FEDERAL 12-1-9-17**

**3/1/2007 To 7/30/2007**

**5/1/2007 Day: 1**

**Completion**

Rigless on 4/30/2007 - 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 @ 5882' & cement top @ 104'. Perforate stage #1. CP2 sds @ 5582- 88' w/ 3 1/8" Slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 24 shots. 141 BWTR. SIFN.

**5/10/2007 Day: 2**

**Completion**

Rigless on 5/9/2007 - RU BJ Services "Ram Head" frac flange. RU BJ & frac CP2 sds, stage #1 down casing w/ 19,897#'s of 20/40 sand in 307 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 3338 psi. Treated @ ave pressure of 1656 @ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1380. 448 bbls EWTR. Leave pressure on well. RU Perforators LLC. WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" composite (6K) solid frac plug @ 9' perf gun. Set plug @ 5460'. Perforate LODC sds @ 5349-58' w/ 3-1/8" Slick Guns ( 19 gram, .49"HE, 120°) w/ 4 spf for total of 36 shots. RU BJ & frac stage #2 w/ 24,777#'s of 20/40 sand in 346 bbls of Lightning 17 frac fluid. Open well w/ 310 psi on casing. Perfs broke down @ 2455 psi. Treated @ ave pressure of 2349 @ ave rate of 25 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2210. 794 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ solid frac plug @ 6' perf gun. Set plug @ 5230'. Perforate A1 sds @ 5128-34' w/ 4 spf for total of 24 shots. RU BJ & frac stage #3 w/ 19,821#'s of 20/40 sand in 294 bbls of Lightning 17 frac fluid. Open well w/ 1400 psi on casing. Perfs broke down @ 1953 psi. Treated @ ave pressure of 1712 @ ave rate of 25 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1685. 1088 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ flow through frac plug @ 16' perf gun. Set plug @ 4860'. Perforate D2 sds @ 4745-61' w/ 4 spf for total of 64 shots. RU BJ & frac stage #4 w/ 89,957#'s of 20/40 sand in 672 bbls of Lightning 17 frac fluid. Open well w/ 1489 psi on casing. Perfs broke down @ 2820 psi. Treated @ ave pressure of 1556 @ ave rate of 25 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1780. 1760 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ solid frac plug @ 9' perf gun. Set plug @ 4700'. Perforate DS3 sds @ 4628-37' w/ 4 spf for total of 36 shots. RU BJ & frac stage #5 w/ 50,111#'s of 20/40 sand in 422 bbls of Lightning 17 frac fluid. Open well w/ 500 psi on casing. Perfs broke down @ 3996 psi. Treated @ ave pressure of 1793 @ ave rate of 25 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1963. 2182 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ Flow through frac plug @ 5', 8' perf guns. Set plug @ 4360'. Perforate GB6 sds @ 4255-60' & GB4 sds @ 4198-4206' in 2 runs due to mis fire on guns, w/ 4 spf for total of 52 shots. RU BJ & frac stage #6 w/ 38,017#'s of 20/40 sand in 356 bbls of Lightning 17 frac fluid. Open well w/ 1448 psi on casing. Perfs broke down @ 1587 psi. Treated @ ave pressure of 1895 @ ave rate of 25 bpm w/ 8 ppg of sand. ISIP was 1912. 2538 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 4 hours & died w/ 320 bbls rec'd. SIFN.

**5/11/2007 Day: 3**

**Completion**

NC #3 on 5/10/2007 - MIRUSU. ND BOP & frac head. NU production head & BOP. RU rig floor. X- over to tbg eq. PU TIH w/ 4 3/4 chomp bit & 136- jts 2 7/8. EOT @ 4300'. CWC. SDFD @ 6:00.

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**5/12/2007 Day: 4**

**Completion**

NC #3 on 5/11/2007 - TIH w/ tbg to Plg @ 4360'. RU Nabors power swivel. Drill out Plg. TIH w/ tbg to fill @ 4607'. Clean out fill & drill out Plg @ 4700'. TIH w/ tbg to fill @ 4808'. Clean out fill & drill out Plg @ 4860'. TIH w/ tbg to fill @ 5200'. Clean out fill & drill out Plg @ 5230'. TIH w/ tbg to fill @ 5404'. Clean out fill & drill out Plg @ 5460'. TIH w/ tbg to fill @ 5818'. Clean out fill to PBTD @ 5910'. CWC. LD 3-jts 2 7/8. EOT @ 5818'. RD power swivel. SDFD @ 6:00.

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**5/15/2007 Day: 5**

**Completion**

NC #3 on 5/14/2007 - RU sandline to swab. IFL @ 200'. Made 12 swab runs. Recovered 160 bbls water w/ trace oil & no sand. FFL @ 3700'. RD sandline. PU TIH w/ 3- jts 2 7/8. Tag fill @ 5890'. Clean out fill to PBTD @ 5910'. CWC. LD 8- jts 2 7/8. TOH w/ 179- jts 2 7/8, & chomp bit. PU TIH w/ NC, 2- jts 2 7/8, SN, 1- jt 2 7/8, TA, 176- jts 2 7/8. RD rig floor. ND BOP. Set TA w/ 15000 tension. NU wellhead. X- over to rod eq. Flush tbg w/ 60 bbls water. PU TIH w/ 2 1/2 x 1 1/2 x 16 x 20 RHAC, 6- 1 1/2 wt bars, 10- 3/4 guided rods, 108- 3/4 plain rods. SDFD @ 6:00.

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**5/16/2007 Day: 6**

**Completion**

NC #3 on 5/15/2007 - Cont TIH w/ 99- 3/4 guided rods, 1 1/2 x 26' polish rod. RU pumping unit. W/ tbg full stroke test rod pump to 800 psi. Good test. RDMOSU @ 10:30. POP @ 10:30 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**

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

5. LEASE DESIGNATION AND SERIAL NO.

**UTU-79014**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**NA**

7. UNIT AGREEMENT NAME

**Federal**

8. FARM OR LEASE NAME, WELL NO.

**Federal 12-1-9-17**

9. WELL NO.

**43-047-37419**

10. FIELD AND POOL OR WILDCAT

**Monument Butte**

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

**Sec. 1, T9S, R17E**

1a. TYPE OF WORK

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

1b. TYPE OF WELL

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

2. NAME OF OPERATOR

**Newfield Exploration Company**

3. ADDRESS AND TELEPHONE NO.

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

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

At Surface **2040' FSL & 607' FWL (NW/SW) Sec. 1, T9S, R17E**

At top prod. Interval reported below

At total depth

14. API NO. **43-047-37419** DATE ISSUED **11/29/06**

12. COUNTY OR PARISH **Duchesne**

13. STATE **UT**

15. DATE SPUNDED **04/04/07**

16. DATE T.D. REACHED **04/18/07**

17. DATE COMPL. (Ready to prod.) **05/15/07**

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **5036' GL**

**5048' KB**

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **5975'**

21. PLUG BACK T.D., MD & TVD **5910'**

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 4198'-5588'**

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**

**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#	322'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5961'	7-7/8"	350 sx Premlite II and 425 sx 50/50 Poz	

29. **LINER RECORD**

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. **TUBING RECORD**

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	EOT @ 5671'	TA @ 5572'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP2) 5582'-5588'	.49"	4/24	5582'-5588'	Frac w/ 19,897# 20/40 sand in 307 bbls fluid
(LODC) 5349'-5358'	.49"	4/36	5349'-5358'	Frac w/ 24,777# 20/40 sand in 346 bbls fluid
(A1) 5128'-5134'	.43"	4/24	5128'-5134'	Frac w/ 19,821# 20/40 sand in 294 bbls fluid
(D2) 4745'-4761'	.43"	4/64	4745'-4761'	Frac w/ 89,957# 20/40 sand in 672 bbls fluid
(DS3) 4628'-4637'	.43"	4/36	4628'-4637'	Frac w/ 50,111# 20/40 sand in 422 bbls fluid
(GB6 &4) 4255'-60', 4198'-4206'	.43"	4/52	4198'-4260'	Frac w/ 38,017# 20/40 sand in 356 bbls fluid

33.\* **PRODUCTION**

DATE FIRST PRODUCTION <b>05/15/07</b>	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) <b>2-1/2" x 1-1/2" x 16' x 20' RHAC SM Plunger Pump</b>	WELL STATUS (Producing or shut-in) <b>PRODUCING</b>					
DATE OF TEST <b>10 day ave</b>	HOURS TESTED	CHOKE SIZE	PROD. FOR TEST PERIOD	OIL--BBL. <b>63</b>	GAS--MCF. <b>18</b>	WATER--BBL. <b>9</b>	GAS-OIL RATIO <b>286</b>
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	

**RECEIVED**

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

**Sold & Used for Fuel**

TEST WITNESSED BY

**JUN 15 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 **6/12/2007**

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 Federal 12-1-9-17	Garden Gulch Mkr	3713'	
				Garden Gulch 1	3890'	
				Garden Gulch 2	4009'	
				Point 3 Mkr	4268'	
				X Mkr	4502'	
				Y-Mkr	4537'	
				Douglas Creek Mkr	4652'	
				BiCarbonate Mkr	4914'	
				B Limestone Mkr	5042'	
				Castle Peak	5482'	
				Basal Carbonate	5898'	
				Total Depth (LOGGERS)	5976'	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-79014	
<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)	
<b>8. WELL NAME and NUMBER:</b> SUNDANCE FED 12-1-9-17	
<b>9. API NUMBER:</b> 43047374190000	
<b>9. FIELD and POOL or WILDCAT:</b> 8 MILE FLAT NORTH	
<b>COUNTY:</b> Uintah	
<b>STATE:</b> UTAH	

**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.

<b>1. TYPE OF WELL</b> Oil Well	
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2040 FSL 0607 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 01 Township: 09.0S Range: 17.0E Meridian: S	

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: 5/18/2013	<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 style="width: 100px;" type="text"/>

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

The subject well has been converted from a producing oil well to an injection well on 05/17/2013. Initial MIT on the above listed well. On 05/18/2013 the casing was pressured up to 1145 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# UT22197-09981

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 May 23, 2013

<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> 5/20/2013	

## 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: 5 118 113  
 Test conducted by: Troy Lazenby  
 Others present: \_\_\_\_\_

Well Name: <u>Sundance Federal 12-1-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>MBIF</u>		
Location: <u>NW/SW</u> Sec: <u>1</u> T <u>9</u> N <u>(S)</u> R <u>17</u> <u>(E)</u> W	County: <u>Lincoln</u>	State: <u>UT</u>
Operator: <u>Brenden Curry</u>		
Last MIT: <u>  </u> / <u>  </u> / <u>  </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: 1145 / 0 psig

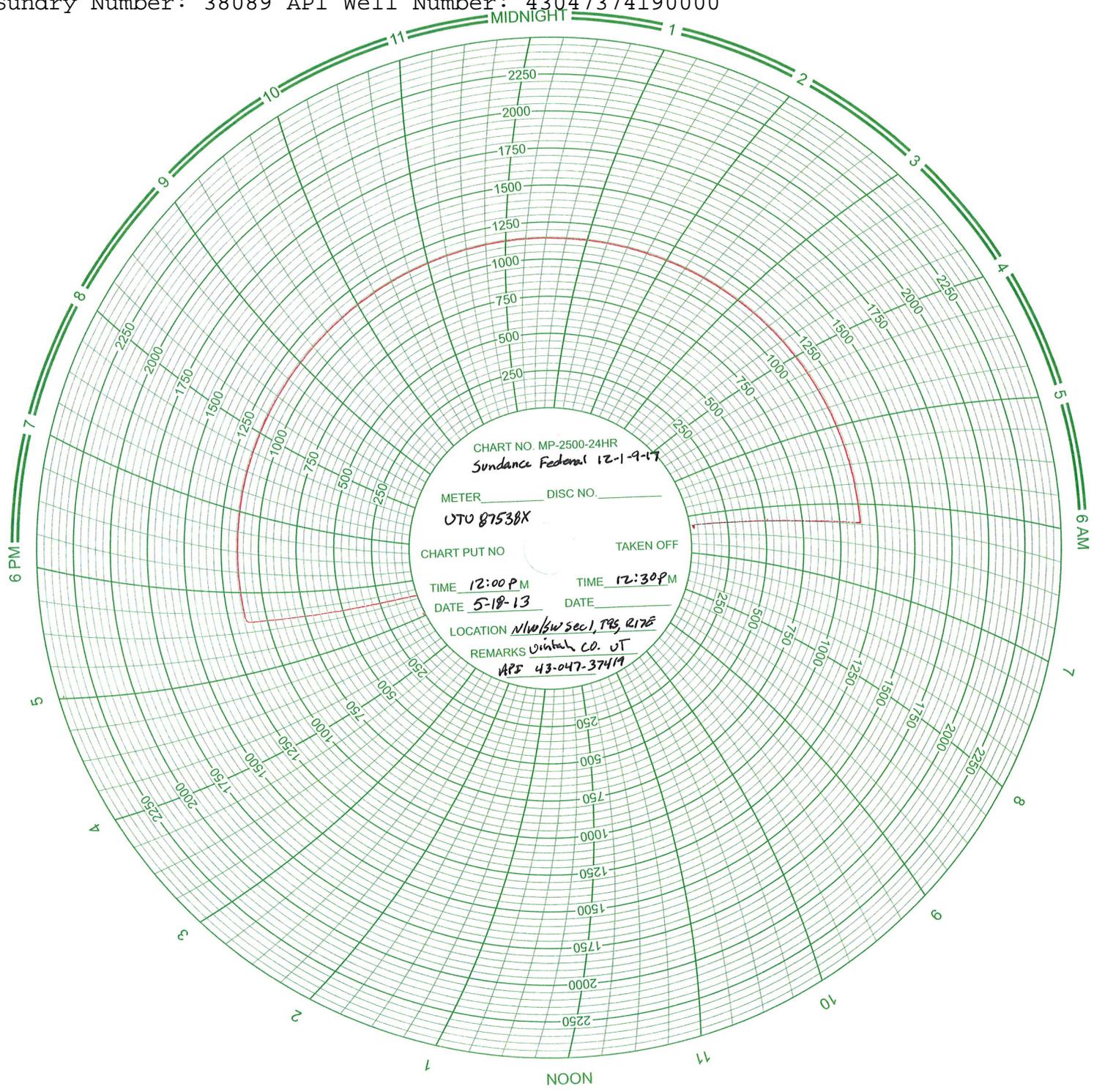
MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	0 psig	psig	psig
End of test pressure	0 psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	1145 / 0 psig	psig	psig
5 minutes	1145 / 0 psig	psig	psig
10 minutes	1145 / 0 psig	psig	psig
15 minutes	1145 / 0 psig	psig	psig
20 minutes	1145 / 0 psig	psig	psig
25 minutes	1145 / 0 psig	psig	psig
30 minutes	1145 / 0 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 12-1-9-17**

**3/1/2013 To 7/30/2013**

**5/19/2013 Day: 1**

**Conversion**

WWS #7 on 5/19/2013 - MIRU rig RD PU unseat pump water flush rods with w/ 70 bble seat pump - MIRU rig RD PU unseat pump water flush rods with w/ 70 bble seat pump psi test tbg to 3000 psi w/2 bw good test LD 1-1/2 by 26 polish rod 2,2,6,8X 3/4 ponys 98-4 per 3/4 flush rods w/ 30 BW cont LD 88-Sik 3/4 30-4 per 3/4 6 1-1/2 wt bars & pump x10 to tbg eq NDWH unable to release TAC NU BOP RU TBG EQ work tbg for HR, realese TAC SW ready to TOOH w/ tbg in AM. - MIRU rig RD PU unseat pump water flush rods with w/ 70 bble seat pump psi test tbg to 3000 psi w/2 bw good test LD 1-1/2 by 26 polish rod 2,2,6,8X 3/4 ponys 98-4 per 3/4 flush rods w/ 30 BW cont LD 88-Sik 3/4 30-4 per 3/4 6 1-1/2 wt bars & pump x10 to tbg eq NDWH unable to release TAC NU BOP RU TBG EQ work tbg for HR, realese TAC SW ready to TOOH w/ tbg in AM. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$16,073

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**5/20/2013 Day: 3**

**Conversion**

Rigless on 5/20/2013 - Conduct initial MIT - Crew travel, saftey meeting. Flush tubing w 60 bw by 7am. Tooh talling tbg, breaking, inspecting redoping every connection w/131jts 2-7/8 j-55 tbg ld 45 jts, tacwt, sn, 2 jtsnc. Flushed 1 more time w 30 bw. Tih w/ 2-3/8 pup jt. Xover. 5-1/2 as-1x pkr, on-off-tool. 2-7/8 sn 131 jts. 2-7/8 j55 tbg pump 20 bw, drop sv, psi test tbg to3000 psi w/15 bw. 1hrto get good test. Ret sv with sandline. Mix 20 galpkr fluid w 60 bbls water. Circ 55 bbls down csg. Nd bop, set pkr @ 4152 for15,000# tension sn @ 4146 xn @ 4160 eot 4162, 36 above top perf. Nu inj treeLand tbgpsi test casing to 15000 psi sw to check on mon. - Crew travel, saftey meeting. Flush tubing w 60 bw by 7am. Tooh talling tbg, breaking, inspecting redoping every connection w/131jts 2-7/8 j-55 tbg ld 45 jts, tacwt, sn, 2 jtsnc. Flushed 1 more time w 30 bw. Tih w/ 2-3/8 pup jt. Xover. 5-1/2 as-1x pkr, on-off-tool. 2-7/8 sn 131 jts. 2-7/8 j55 tbg pump 20 bw, drop sv, psi test tbg to3000 psi w/15 bw. 1hrto get good test. Ret sv with sandline. Mix 20 galpkr fluid w 60 bbls water. Circ 55 bbls down csg. Nd bop, set pkr @ 4152 for15,000# tension sn @ 4146 xn @ 4160 eot 4162, 36 above top perf. Nu inj treeLand tbgpsi test casing to 15000 psi sw to check on mon. - Crew travel, saftey meeting. Flush tubing w 60 bw by 7am. Tooh talling tbg, breaking, inspecting redoping every connection w/131jts 2-7/8 j-55 tbg ld 45 jts, tacwt, sn, 2 jtsnc. Flushed 1 more time w 30 bw. Tih w/ 2-3/8 pup jt. Xover. 5-1/2 as-1x pkr, on-off-tool. 2-7/8 sn 131 jts. 2-7/8 j55 tbg pump 20 bw, drop sv, psi test tbg to3000 psi w/15 bw. 1hrto get good test. Ret sv with sandline. Mix 20 galpkr fluid w 60 bbls water. Circ 55 bbls down csg. Nd bop, set pkr @ 4152 for15,000# tension sn @ 4146 xn @ 4160 eot 4162, 36 above top perf. Nu inj treeLand tbgpsi test casing to 15000 psi sw to check on mon. - Initial MIT on the above listed well. On 05/18/2013 the casing was pressured up to 1145 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# UT22197-09981 - Initial MIT on the above listed well. On 05/18/2013 the casing was pressured up to 1145 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# UT22197-09981 - Crew travel, saftey meeting. Flush tubing w 60 bw by 7am. Tooh talling tbg, breaking, inspecting redoping every connection w/131jts 2-7/8 j-55 tbg ld 45 jts, tacwt, sn, 2 jtsnc. Flushed 1 more time w 30 bw. Tih w/ 2-3/8 pup jt. Xover. 5-1/2 as-1x pkr, on-off-tool. 2-7/8 sn 131 jts. 2-7/8 j55 tbg pump 20 bw, drop sv, psi test tbg to3000 psi w/15 bw. 1hrto get good test. Ret sv with sandline.

Mix 20 gal pkr fluid w 60 bbls water. Circ 55 bbls down csg. Nd bop, set pkr @ 4152 for 15,000# tension sn @ 4146 xn @ 4160 eot 4162, 36 above top perf. Nu inj tree Land tbgps test casing to 15000 psi sw to check on mon. - Initial MIT on the above listed well. On 05/18/2013 the casing was pressured up to 1145 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# UT22197-09981 - Initial MIT on the above listed well. On 05/18/2013 the casing was pressured up to 1145 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# UT22197-09981 **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$54,980

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

<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-79014
		<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> SUNDANCE FED 12-1-9-17
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43047374190000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> 8 MILE FLAT NORTH
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2040 FSL 0607 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 01 Township: 09.0S Range: 17.0E Meridian: S		<b>COUNTY:</b> UINTAH
		<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: 6/4/2013	<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 checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Commence Injection"/>

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 1:40 PM on  
06/04/2013. EPA # UT22197-09981

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
June 20, 2013**

<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> 6/4/2013	

# FEDERAL 12-1-9-17

Spud Date: 04/04/07

Put on Production: 05/15/07

GL: 5036' KB: 5048'

Initial Production: 63 BOPD,  
18 MCFD, 9 BWPD

## Injection Wellbore Diagram

### SURFACE CASING

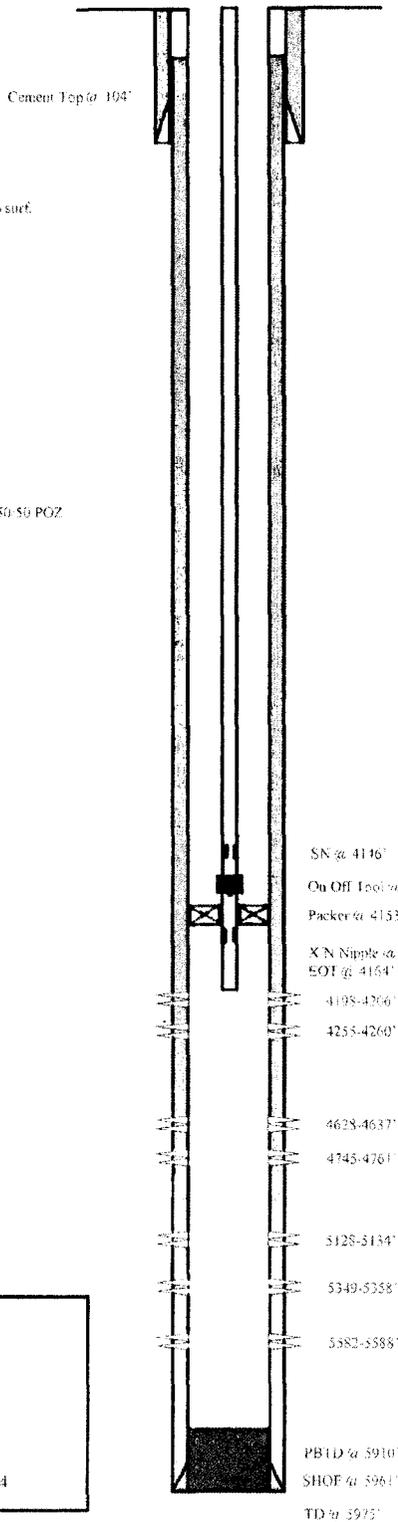
CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (311.63')  
DEPTH LANDED: 321.63' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cement, est 2 bbls cement to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 135 jts. (5963.05')  
DEPTH LANDED: 5961.03' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 350 sxs Prem Lite II mixed & 425 sxs 50-50 POZ  
CEMENT TOP: 104'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 131 jts. (4134.1')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4146.1' KB  
ON/OFF TOOL AT: 4147.2'  
ARROW #1 PACKER CE AT: 4153'  
XO 2-3/8 x 2-7/8 J-55 AT: 4155.4'  
TBG PUP 2-3/8 J-55 AT: 4155.9'  
X/N NIPPLE AT: 4163'  
TOTAL STRING LENGTH: EOT @ 4164.53'



### FRAC JOB

05/09/07 5582-5588' **Frac CP2 sands as follows:**  
19307# 20/40 sand in 307 bbls Lightning 17 frac fluid. Treated @ avg press of 1656 psi w/avg rate of 23.8 BPM. ISIP 1380 psi. Calc flush: 5580 gal. Actual flush: 5124 gal.

05/09/07 5349-5355' **Frac LODC sands as follows:**  
24777# 20/40 sand in 346 bbls Lightning 17 frac fluid. Treated @ avg press of 2349 psi w/avg rate of 25 BPM. ISIP 2210 psi. Calc flush: 5347 gal. Actual flush: 4872 gal.

05/09/07 5125-5134' **Frac A1 sands as follows:**  
19321# 20/40 sand in 294 bbls Lightning 17 frac fluid. Treated @ avg press of 1712 psi w/avg rate of 25 BPM. ISIP 1685 psi. Calc flush: 5126 gal. Actual flush: 4620 gal.

05/09/07 4745-4761' **Frac D2 sands as follows:**  
89957# 20/40 sand in 672 bbls Lightning 17 frac fluid. Treated @ avg press of 1556 psi w/avg rate of 23 BPM. ISIP 1780 psi. Calc flush: 4743 gal. Actual flush: 4284 gal.

05/09/07 4628-4637' **Frac DS3 sands as follows:**  
50111# 20/40 sand in 422 bbls Lightning 17 frac fluid. Treated @ avg press of 1793 psi w/avg rate of 23 BPM. ISIP 1963 psi. Calc flush: 4626 gal. Actual flush: 4158 gal.

05/09/07 4196-4260' **Frac GB4&6 sands as follows:**  
38017# 20/40 sand in 356 bbls Lightning 17 frac fluid. Treated @ avg press of 1395 psi w/avg rate of 25 BPM. ISIP 1912 psi. Calc flush: 4196 gal. Actual flush: 4209 gal.

6/17/08 **Tubing leak.** Updated rod and tubing detail.

05/17/13 **Convert to Injection Well**

05/18/13 **Conversion MIT Finalized** update the detail.

### PERFORATION RECORD

Date	Interval	ISPF	Holes
04/30/07	5582-5588'	4 ISPF	24 holes
05/09/07	5349-5355'	4 ISPF	36 holes
05/09/07	5125-5134'	4 ISPF	24 holes
05/09/07	4745-4761'	4 ISPF	64 holes
05/09/07	4628-4637'	4 ISPF	36 holes
05/09/07	4255-4260'	4 ISPF	20 holes
05/09/07	4195-4206'	4 ISPF	32 holes

**NEWFIELD**

**FEDERAL 12-1-9-17**  
2040' ESL & 607' FWL  
NW/SW Section 1-T9S-R17E  
Uintah Co. Utah  
API #43-047-37419; Lease # UTH-79014