

NEWFIELD



October 7, 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: West Point Federal 7-18-9-16, Federal 9-18-9-16, 10-18-9-16, and 16-18-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 16-18-9-16 location is also 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
OCT 11 2005
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
UTU-64379

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

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

8. Lease Name and Well No.
Federal 10-18-9-16

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/SE 1988' FSL 1938' FEL 571-773X 40.029186
At proposed prod. zone 4431155Y -110.158845

14. Distance in miles and direction from nearest town or post office*
Approximatley 13.1 miles southwest of Myton, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 652' f/lse, NA' f/unit

16. No. of Acres in lease
1626.36

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. 1534'

19. Proposed Depth
5930'

20. BLM/BIA Bond No. on file
UT0056

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5921' GL

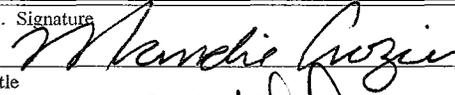
22. Approximate date work will start*
2nd Quarter 2006

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

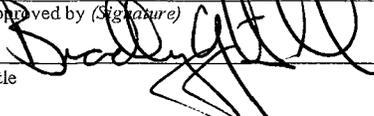
24. Attachments

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

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

25. Signature  Name (Printed/Typed) Mandie Crozier Date 10/7/05

Title Regulatory Specialist

Approved by  Name (Printed/Typed) BRADLEY G. HILL Date 10-12-05

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)

**Federal Approval of this
Action is Necessary**

RECEIVED
OCT 11 2005
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
FEDERAL #10-18-9-16
NW/SE SECTION 18, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2350'
Green River	2350'
Wasatch	5930'

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

Green River Formation 2350' – 5930' - Oil

4. PROPOSED CASING PROGRAM

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

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

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

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY
FEDERAL #10-18-9-16
NW/SE SECTION 18, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #10-18-9-16 located in the NW 1/4 SE 1/4 Section 18, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 1.8 miles \pm to it's junction with an existing road to the southwest; proceed southwesterly - 9.7 miles \pm to it's junction with the beginning of the proposed access road; proceed southeasterly along the proposed access road - 120' \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 surfaces 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 #04-328, 1/19/05. Paleontological Resource Survey prepared by, Wade E. Miller, 5/11/05. See attached report cover pages, Exhibit "D".

For the Federal #10-18-9-16 Newfield Production Company requests 120' of disturbed area be granted in Lease UTU-64379 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 120' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 6" gas gathering line, and a buried 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

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

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

Threatened, Endangered, And Other Sensitive Species

Golden Eagle and Prairie Falcon: Due to this proposed well access roads proximity (less than 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between March 1 and May 15. If the nest remains inactive on May 15th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location between May 15 and March 1 of the following year. If the nest site becomes active prior to May 15, 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.

Sage Grouse: If new construction or surface disturbing activities are scheduled to occur between March 1 and June 30, detailed surveys of the area within 0.5 mile of the proposed location must be conducted to detect the presence of sage grouse. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. 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
Indian Ricegrass	<i>Oryzopsis Hymenoides</i>	4 lbs/acre
Fourwing Saltbush	<i>Atriplex Canescens</i>	3 lbs/acre
Wyoming Big Sage		1 lbs/acre

Details of the On-Site Inspection

The proposed Federal #10-18-9-16 was on-sited on 7/12/05. The following were present; Shon Mckinnon (Newfeild Production), 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

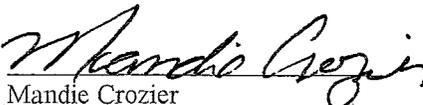
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #10-18-9-16 NW/SE Section 18, Township 9S, Range 16E: Lease UTU-64379 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by 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.

10/7/05

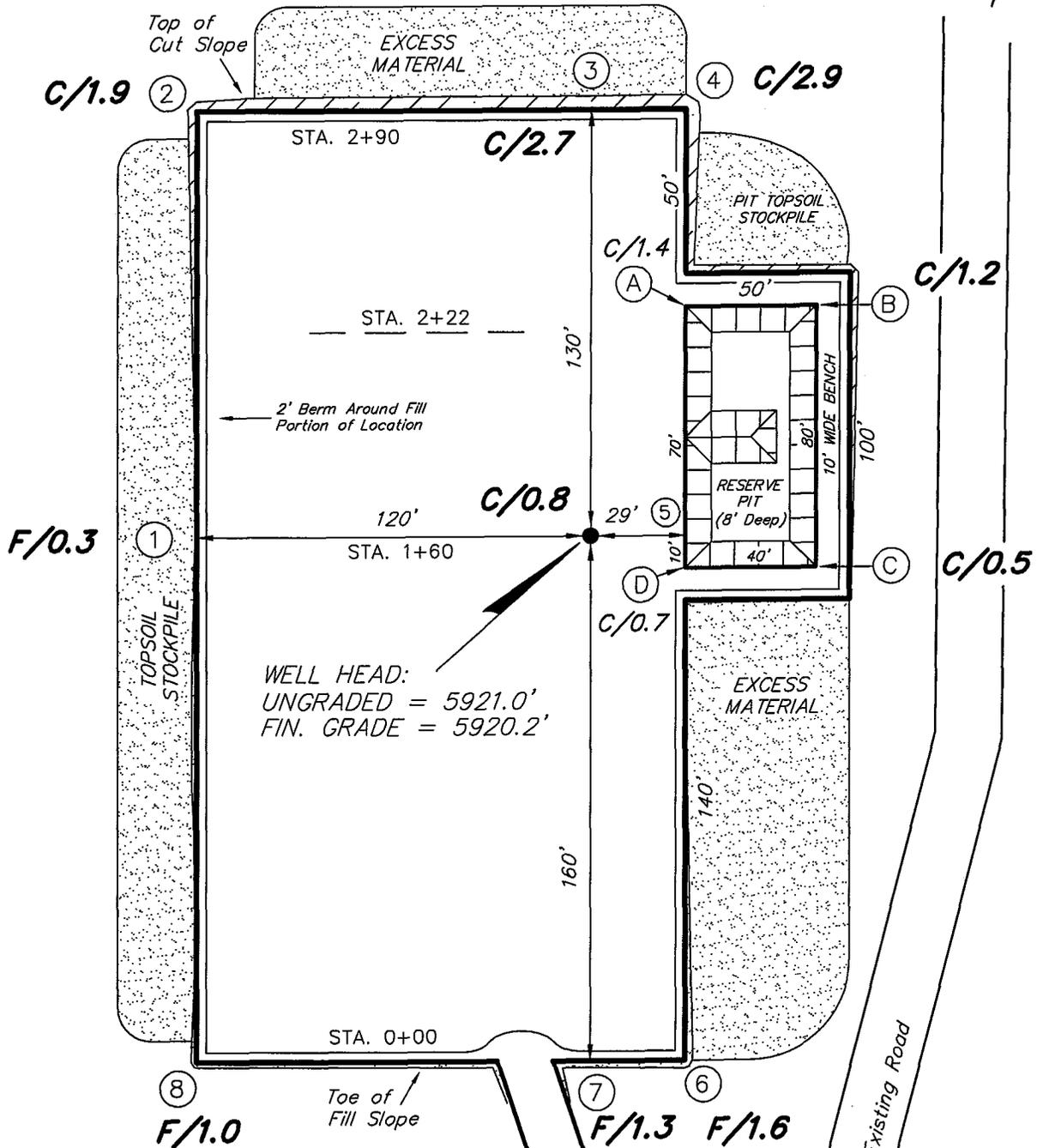
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 10-18-9-16

Section 18, T9S, R16E, S.L.B.&M.



REFERENCE POINTS

- 180' SOUTHEAST = 5924.0'
- 230' SOUTHEAST = 5924.9'
- 170' NORTHEAST = 5920.2'
- 220' NORTHEAST = 5920.7'

PROPOSED ACCESS ROAD (Max. 6% Grade)

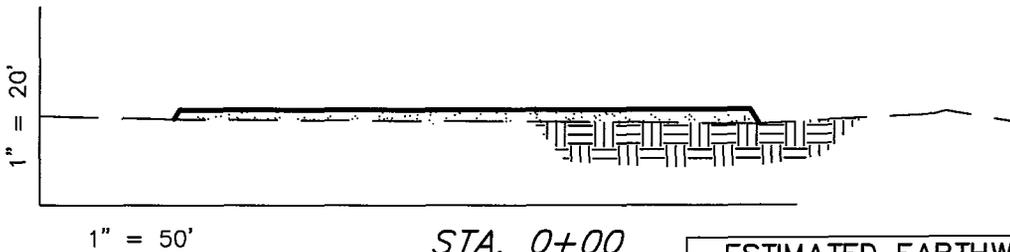
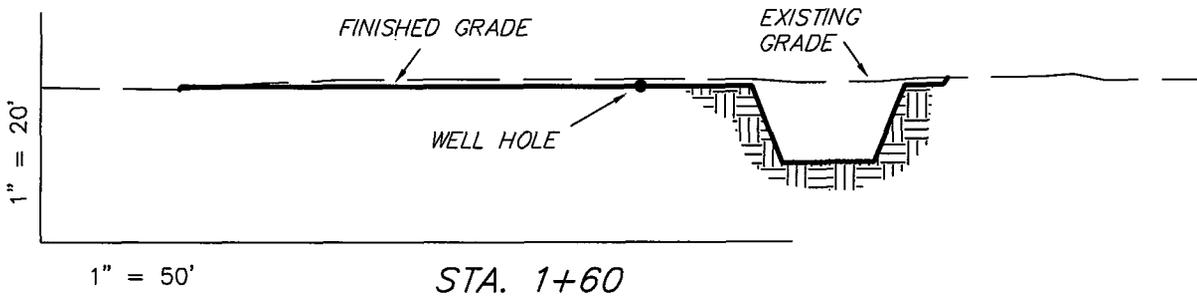
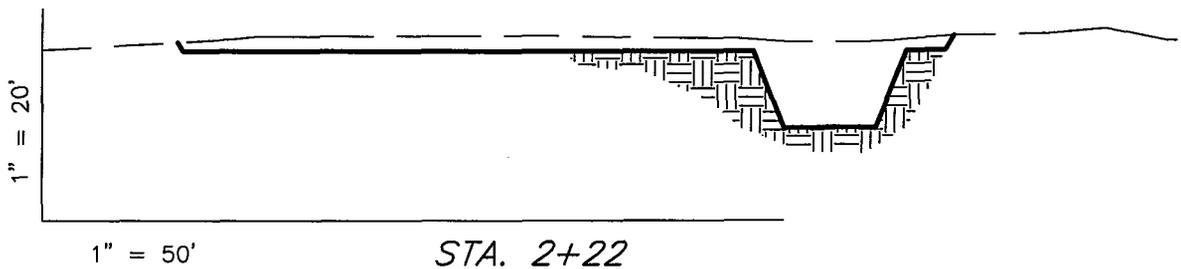
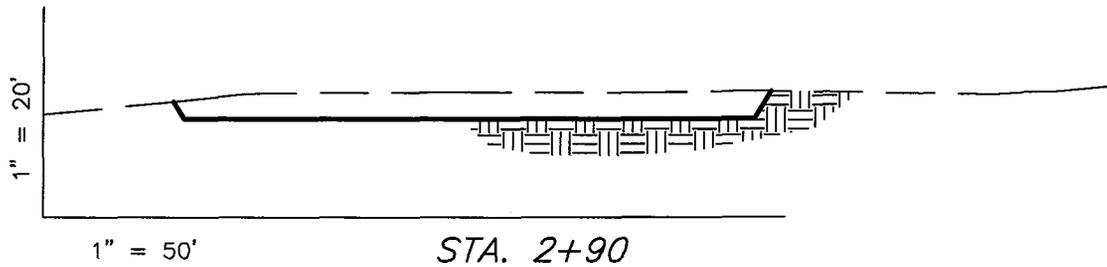
SURVEYED BY: D.P.	SCALE: 1" = 50'
DRAWN BY: F.T.M.	DATE: 8-23-05

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

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 10-18-9-16



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	850	840	Topsoil is not included in Pad Cut	10
PIT	640	0		640
TOTALS	1,490	840	930	650

SURVEYED BY: D.P.

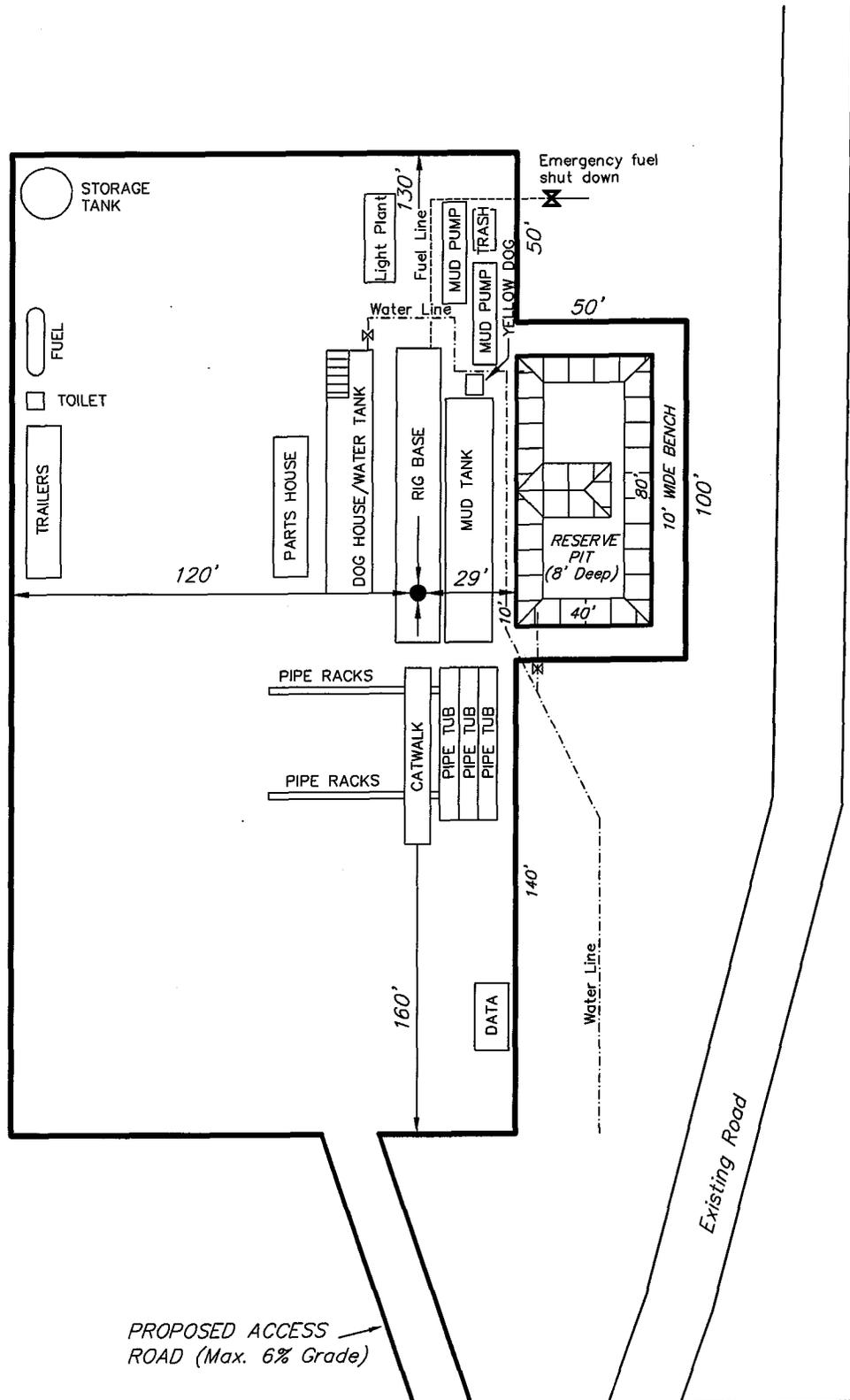
SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 8-23-05

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

NEWFIELD PRODUCTION COMPANY
TYPICAL RIG LAYOUT
9 MILE 10-18-9-16



SURVEYED BY: D.P.

SCALE: 1" = 50'

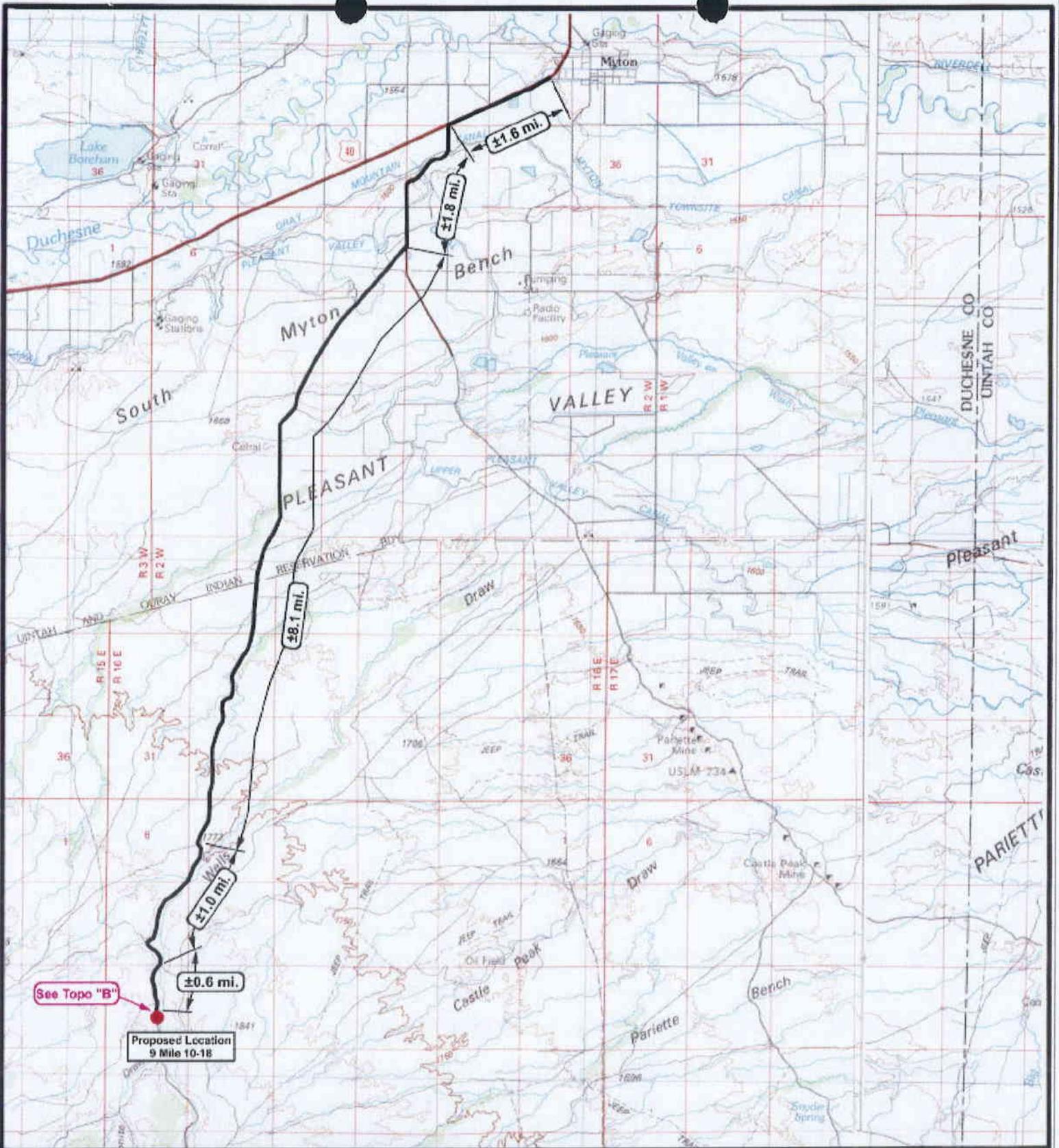
DRAWN BY: F.T.M.

DATE: 8-23-05

Tri State
Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078



See Topo "B"

Proposed Location
9 Mile 10-18

NEWFIELD
Exploration Company

9 Mile 10-18-9-16
SEC. 18, T9S, R16E, S.L.B.&M.



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

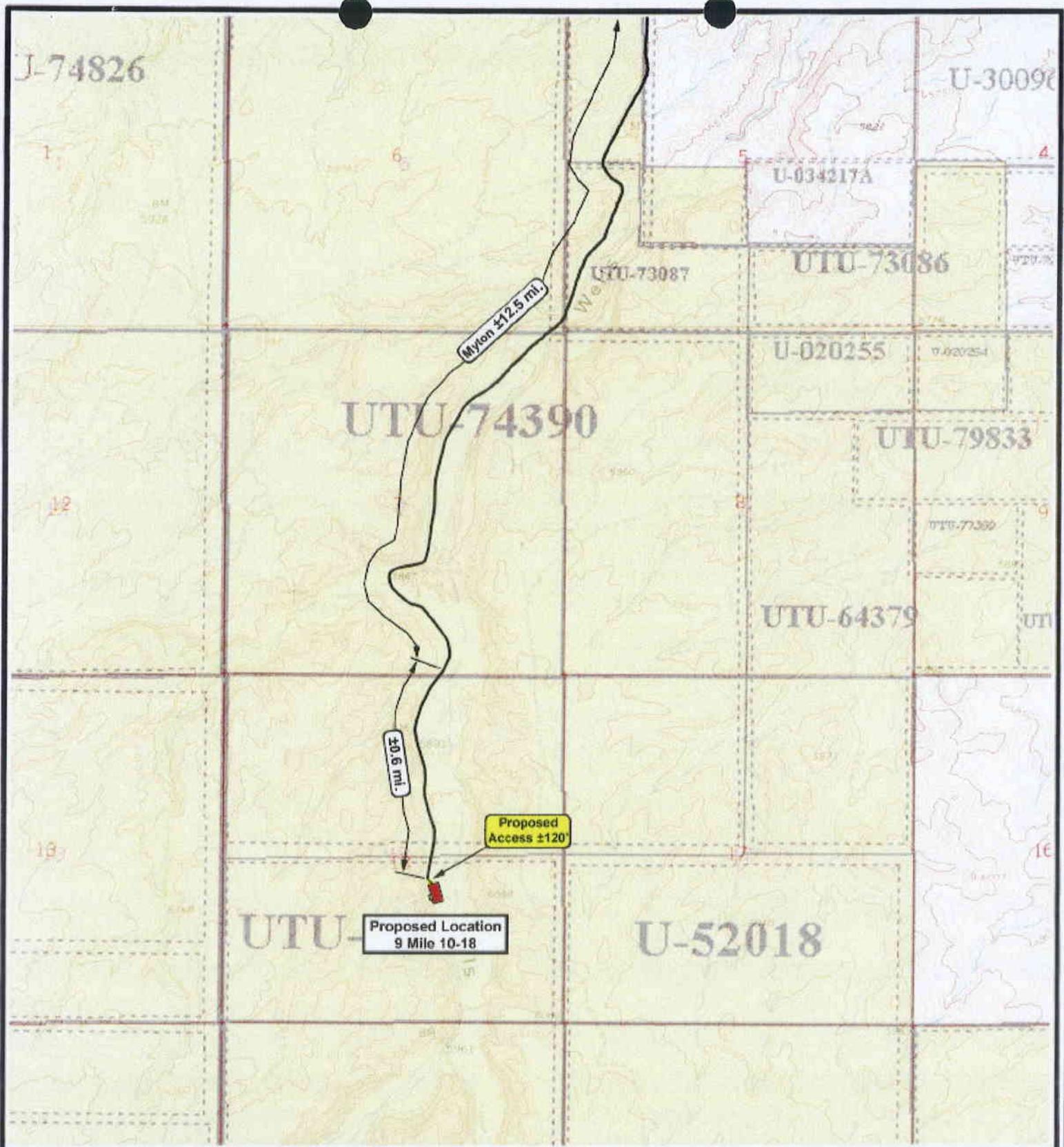
SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 09-01-2005

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

9 Mile 10-18-9-16
SEC. 18, T9S, R16E, S.L.B.&M.



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

SCALE: 1" = 2000'

DRAWN BY: mw

DATE: 09-01-2005

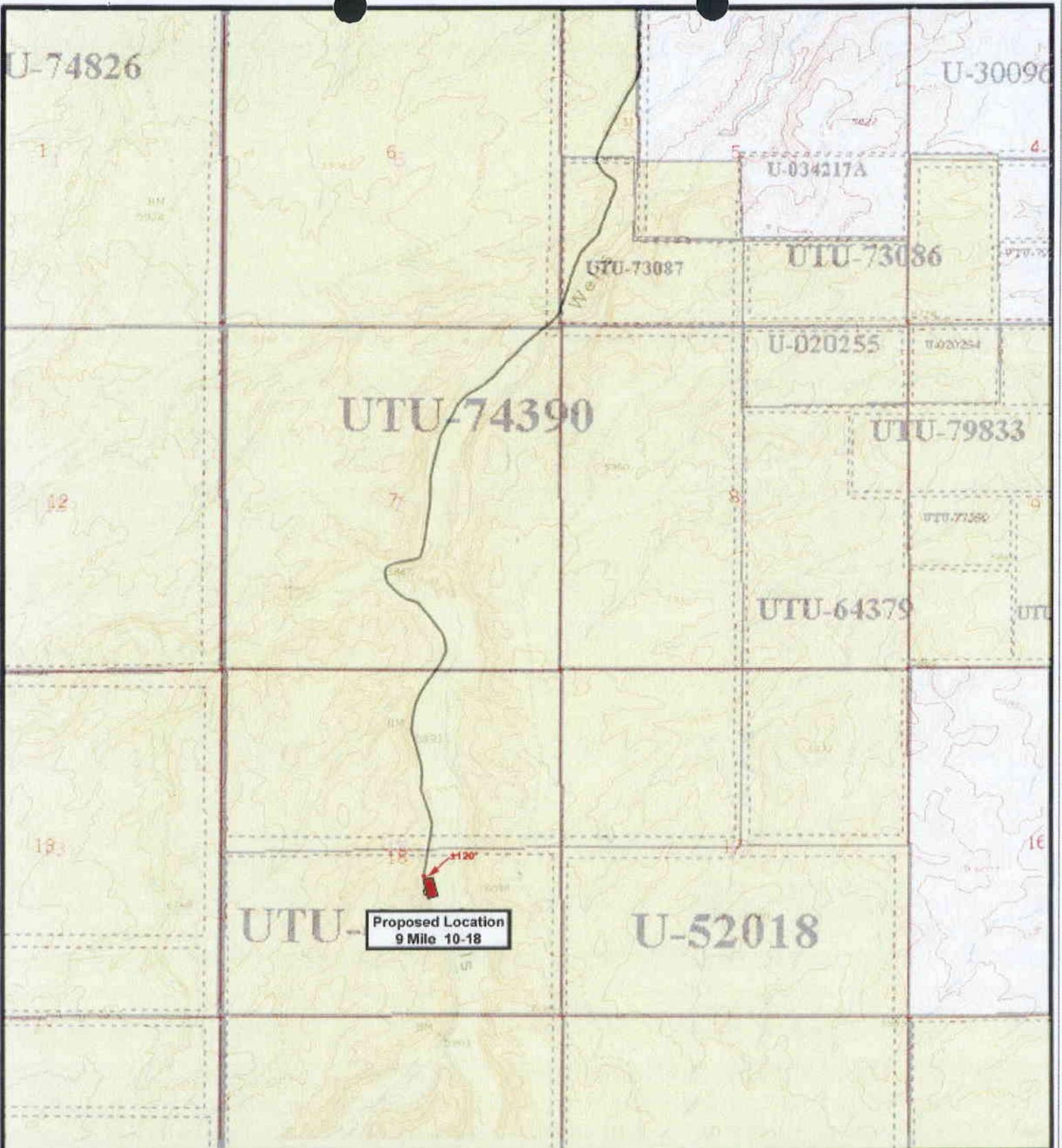
Legend

Existing Road

Proposed Access

TOPOGRAPHIC MAP

"B"



 **NEWFIELD**
Exploration Company

9 Mile 10-18-9-16
SEC. 18, T9S, R16E, S.L.B.&M.



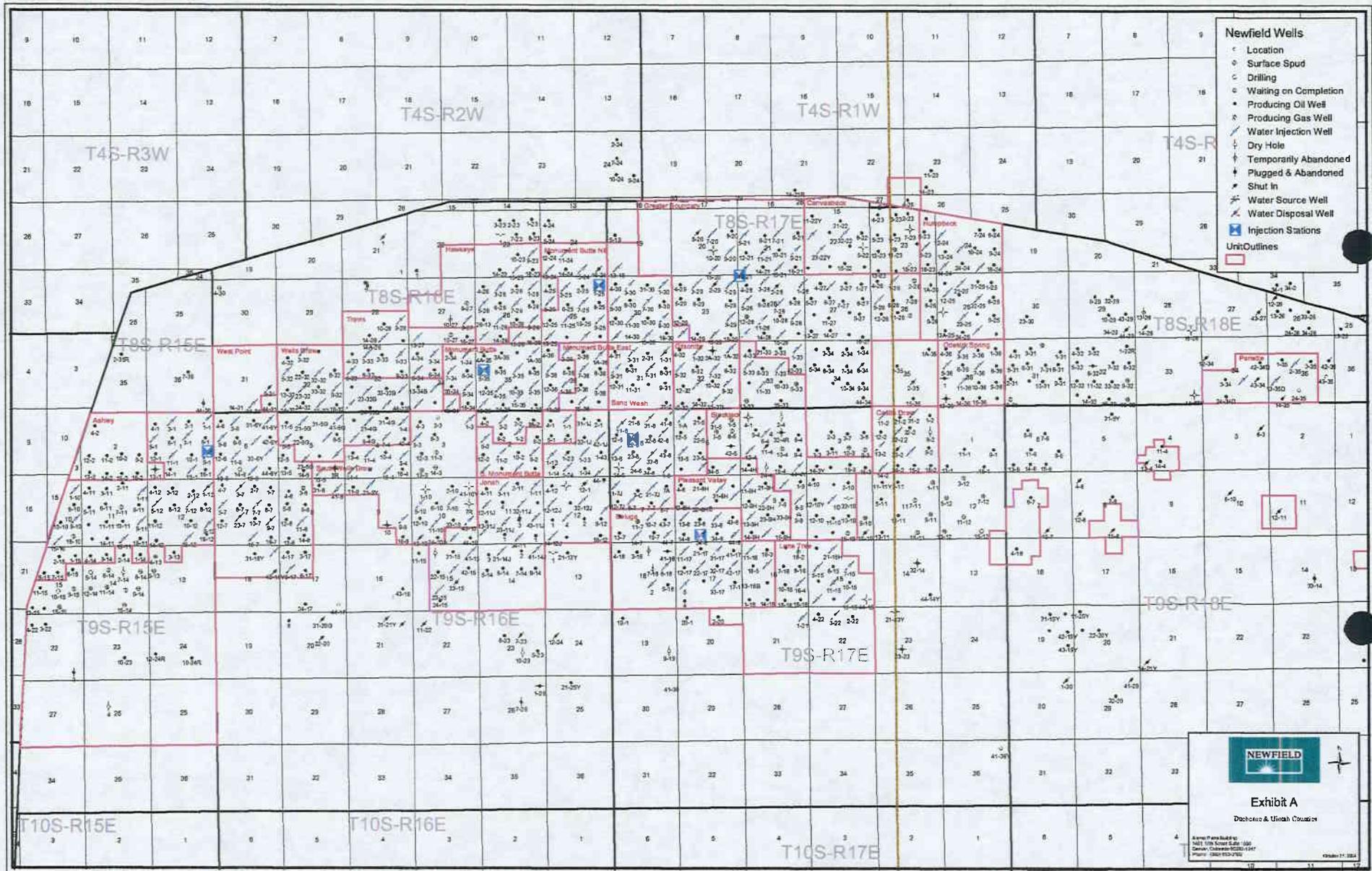
Tri-State
Land Surveying Inc.
(435) 781-2501
38 West 100 North Vernal, Utah 84078

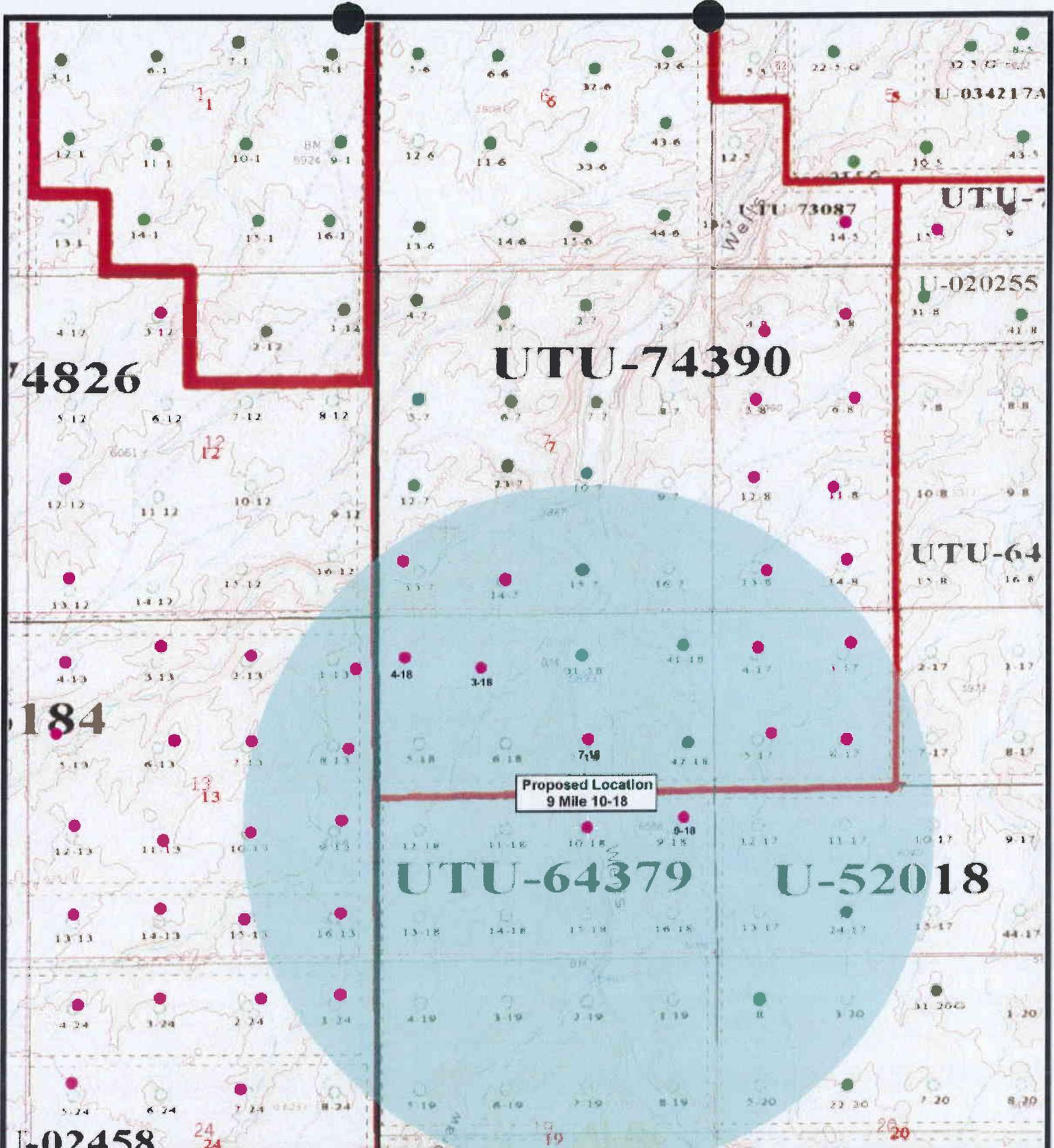
SCALE: 1" = 2000'
DRAWN BY: mw
DATE: 09-01-2006

Legend

 Roads
 Proposed Gas Line

TOPOGRAPHIC MAP
"C"





4826

UTU-74390

U-020255

UTU-64

184

Proposed Location
9 Mile 10-18

UTU-64379

U-52018

U-02458

NEWFIELD
Exploration Company

9 Mile 10-18-9-16
SEC. 18, T9S, R16E, S.L.B.&M.



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

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 09-01-2005

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

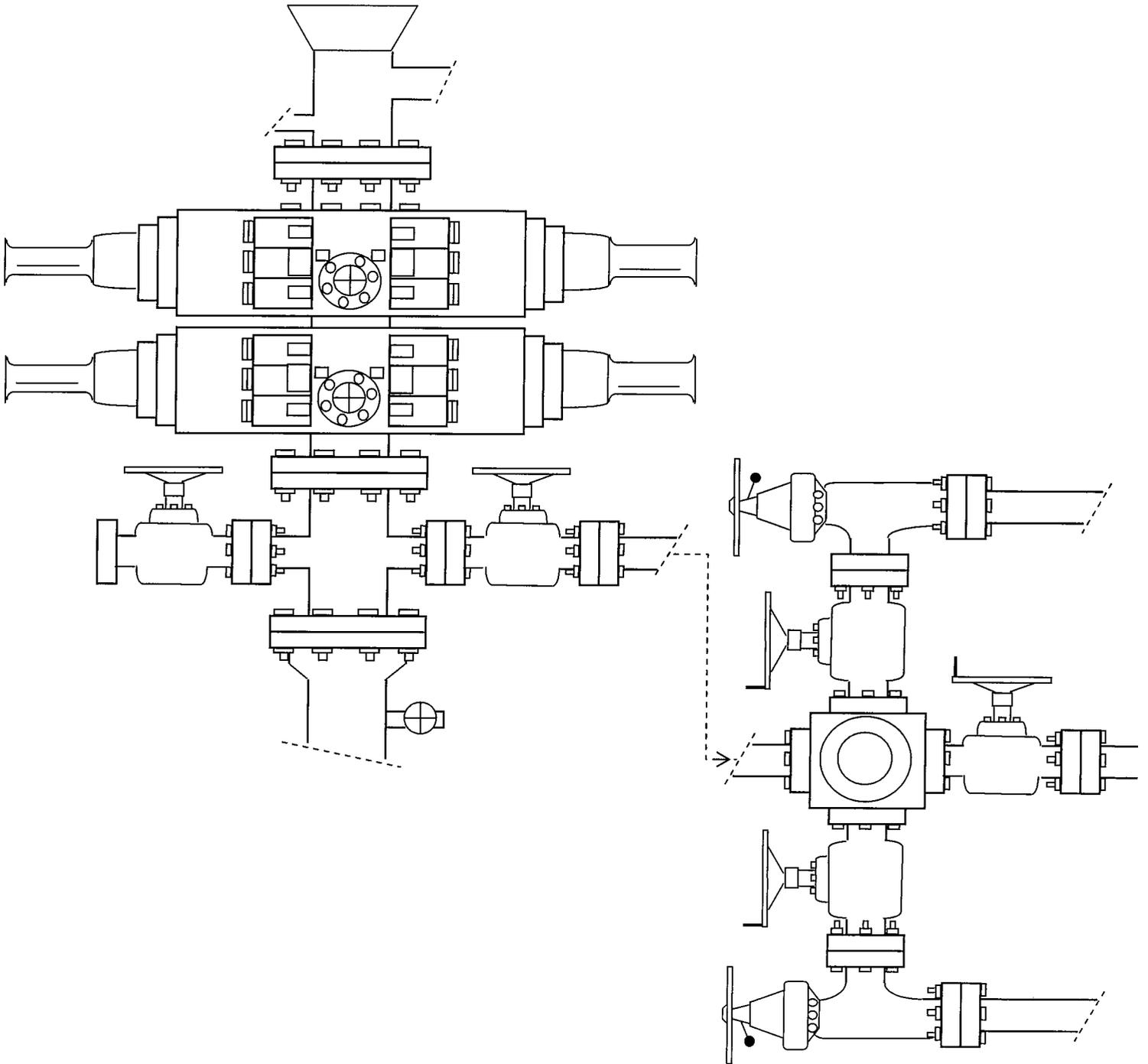


EXHIBIT C

Exhibit "D"
Page 1 of 4

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S BLOCK PARCEL
IN TOWNSHIP 9S, RANGE 16E, SECTION 18,
DUCHESNE COUNTY, UTAH

By:

Kylie Lower-Eskelson
and
Keith R. Montgomery

Prepared For:

Bureau fo Land Management
Vernal Field Office

Prepared Under Contract With:

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

Prepared By:

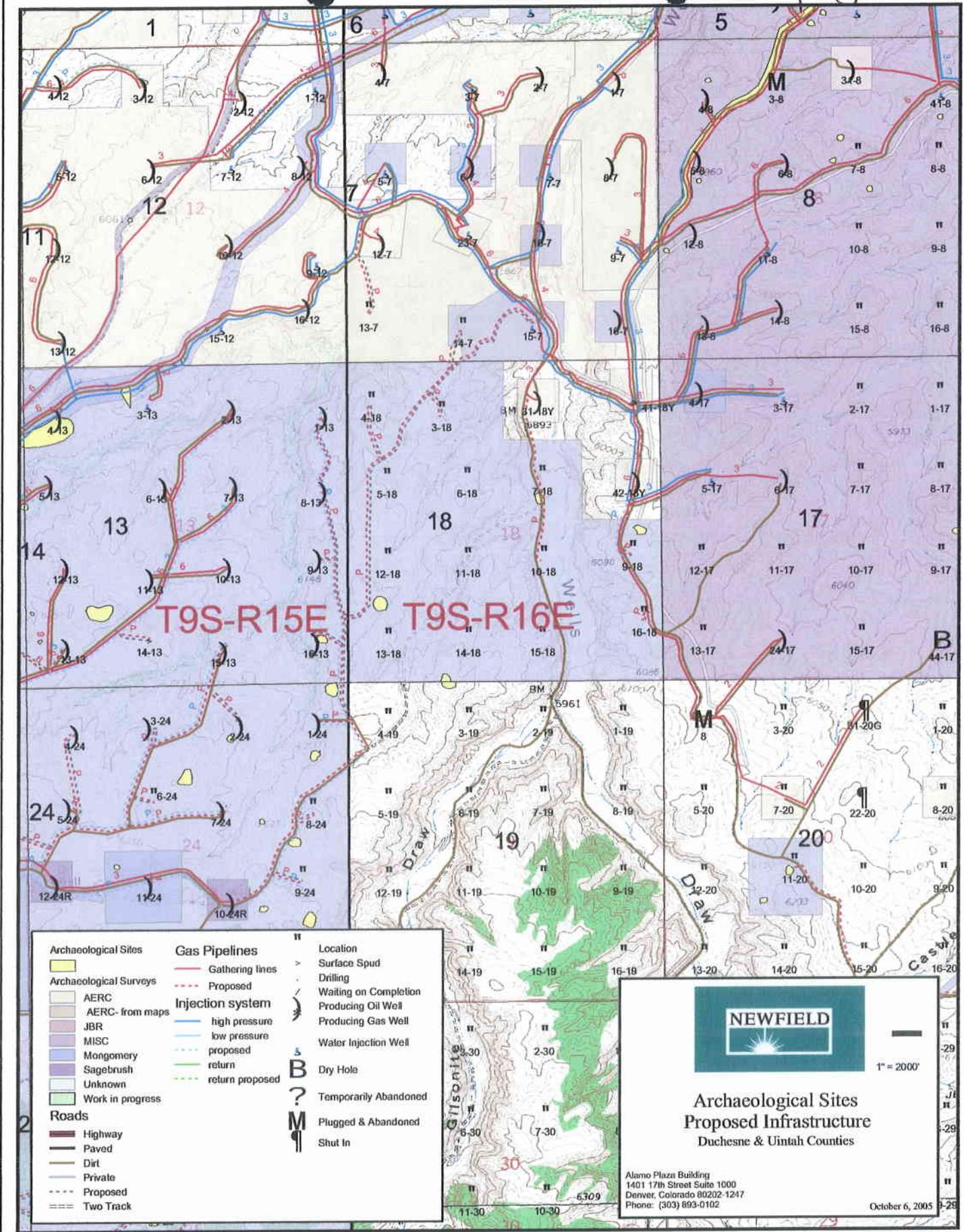
Montgomery Archaeological Consultants, Inc.
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 04-328

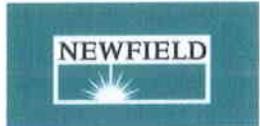
January 19, 2005

United States Department of Interior (FLPMA)
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-04-MQ-1477b



Archaeological Sites	Gas Pipelines	Location
Archaeological Surveys	Gathering lines	Surface Spud
AERC	Proposed	Drilling
AERC- from maps	Injection system	Waiting on Completion
JBR	high pressure	Producing Oil Well
MISC	low pressure	Producing Gas Well
Montgomery	proposed	Water Injection Well
Sagebrush	return	Dry Hole
Unknown	return proposed	Temporarily Abandoned
Work in progress		Plugged & Abandoned
Roads		Shut In
Highway		
Paved		
Dirt		
Private		
Proposed		
Two Track		



NEWFIELD

Archaeological Sites
Proposed Infrastructure
Duchesne & Uintah Counties

Alamo Plaza Building
1401 17th Street Suite 1000
Denver, Colorado 80202-1247
Phone: (303) 893-0102

October 6, 2005

NEWFIELD PRODUCTION COMPANY

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

Section 3, T 9 S, R 17 E [NE 1/4 & NW 1/4, NE 1/4 and NE 1/4, NW 1/4
& SW 1/4, NW 1/4, and NE 1/4 & NW 1/4, SE 1/4]; Section 18, T 9 S, R 16 E
[excluding NE 1/4, NW 1/4, & SE 1/4, NE 1/4]; Section 15, T 9 S, R 17 E [SE 1/4/ NE 1/4];
Section 18, T 9 S, R 17 E [western half of section plus SE 1/4 & SW 1/4, SE 1/4];
Section 33, T 8 S, R 16 E [NW 1/4, NW 1/4 and SW 1/4, NE 1/4]

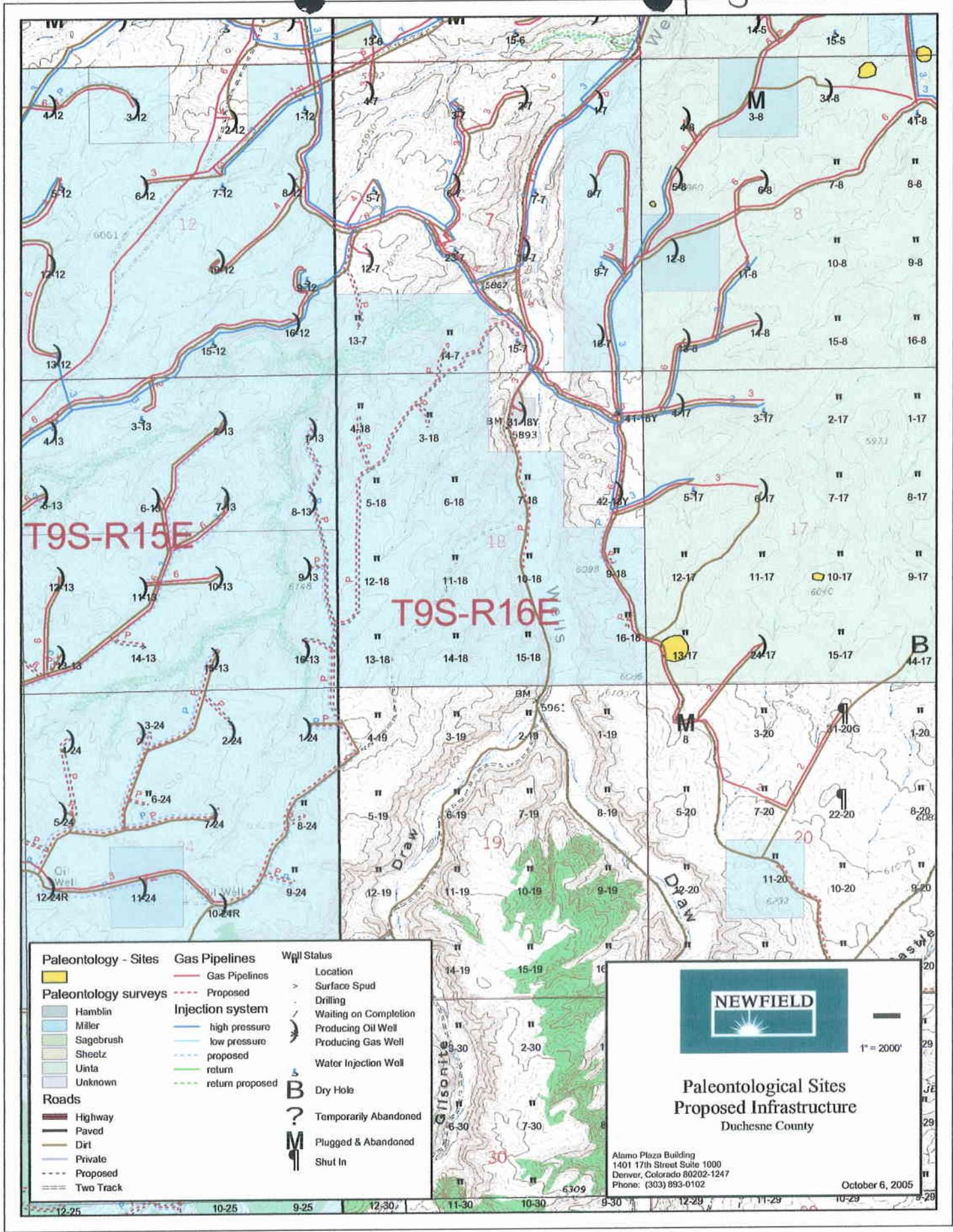
REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
May 11, 2005



Paleontology - Sites	Gas Pipelines	Well Status
Paleontology sites	Gas Pipelines	Location
Paleontology surveys	Proposed	Surface Spud
Hamblin	Injection system	Drilling
Miller	high pressure	Waiting on Completion
Sagebrush	low pressure	Producing Oil Well
Sheetz	proposed	Producing Gas Well
Uinta	return	Water Injection Well
Unknown	return proposed	Dry Hole
Roads		Temporarily Abandoned
Highway		Plugged & Abandoned
Paved		Shut In
Dirt		
Private		
Proposed		
Two Track		



**Paleontological Sites
Proposed Infrastructure**
Duchesne County

Alamo Plaza Building
1401 17th Street Suite 1000
Denver, Colorado 80202-1247
Phone: (303) 893-0102

October 6, 2005

1" = 2000'

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 10/11/2005

API NO. ASSIGNED: 43-013-32921

WELL NAME: FEDERAL 10-18-9-16
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWSE 18 090S 160E
 SURFACE: 1988 FSL 1938 FEL
 BOTTOM: 1988 FSL 1938 FEL
 DUCHESNE
 MONUMENT BUTTE (105)

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-64379
 SURFACE OWNER: 1 - Federal
 PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

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

LATITUDE: 40.02919
 LONGITUDE: -110.1589

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

COMMENTS:

Sup, Separate file

STIPULATIONS:

- 1- Fed. Approval
- 2- Spacing Sup



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

October 12, 2005

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

Re: Federal 10-18-9-16 Well, 1988' FSL, 1938' FEL, NW SE, Sec. 18, T. 9 South,
R. 16 East, Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32921.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Newfield Production Company

Well Name & Number Federal 10-18-9-16

API Number: 43-013-32921

Lease: UTU-64379

Location: NW SE Sec. 18 T. 9 South R. 16 East

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

UTU-64379

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

8. Well Name and No.

FEDERAL 10-18-9-16

9. API Well No.

43-013-32921

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

11. County or Parish, State

DUCHESNE COUNTY, UT.

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1988 FSL 1938 FEL NW/SE Section 18, T9S R16E

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other **Permit Extension**

Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

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

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

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 10/12/05 (expiration 10/12/06).

This APD has not been approved yet by the BLM.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 10-05-06
By: [Signature]

COPY SENT TO OPERATOR
Date: 10-10-06
Initials: RM

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

Signed

[Signature]
Mandie Crozier

Title

Regulatory Specialist

Date

9/29/2006

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes 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.

RECEIVED

OCT 03 2006

DIV. OF OIL, GAS & MINING

RESET

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

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

API: 43-013-32921
Well Name: Federal 10-18-9-16
Location: NW/SE Section 18, T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 10/12/2005

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 (N)

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

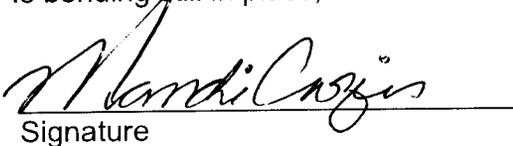
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

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

9/29/2006
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED

OCT 03 2006

DIV. OF OIL, GAS & MINING

RECEIVED

OCT 11 2005

BLM VERNAL, UTAH

Form 3160-3
(September 2001)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-64379
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 10-18-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SE 1988' FSL 1938' FEL At proposed prod. zone		9. API Well No. 43.013.32921
14. Distance in miles and direction from nearest town or post office* Approximatley 13.1 miles southwest of Myton, Utah		10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 652' f/lse, NA' f/unit	16. No. of Acres in lease 1626.36	11. Sec., T., R., M., or Blk. and Survey or Area NW/SE Sec. 18, T9S R16E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1534'	19. Proposed Depth 5930'	12. County or Parish Duchesne
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5921' GL	22. Approximate date work will start* 2nd Quarter 2006	13. State UT
23. Estimated duration Approximately seven (7) days from spud to rig release.		17. Spacing Unit dedicated to this well 40 Acres
20. BLM/BIA Bond No. on file UT0056		24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 10/7/05
Title Regulatory Specialist		

Approved by (Signature) 	Name (Printed/Typed) JERRY KENZLA	Date 2-9-2007
Title Assistant Field Manager Lands & Mineral Resources		
Office VERNAL FIELD OFFICE		

Application approval does not warrant or certify 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

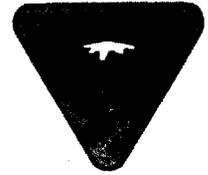
FEB 13 2007

DIV. OF OIL, GAS & MINING



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

170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Federal 10-18-9-16
API No: 43-013-32921

Location: NWSE, Sec 18, T9S, R16E
Lease No: UTU-64379
Agreement: N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	435-781-4490	435-828-4470
Petroleum Engineer:	Michael Lee	435-781-4432	435-828-7875
Petroleum Engineer:	James Ashley	435-781-4470	435-828-7874
Petroleum Engineer:	Ryan Angus	435-781-4430	
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)**

DRILLING AND CONSTRUCTION

- All applicable local, state, and/or federal laws, regulations, and/or statutes must be complied with.
- Prior to construction the operator must consult with the U.S. Army Corps of Engineers regarding compliance with Section 404 of the Clean Water Act.
- In accordance with the Migratory Bird Treaty Act if a nest is found the operator shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer.
- Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel shall not be allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. may be needed to control the erosion. The operator shall submit a proposal to control erosion to the BLM.
- The reserve pit shall be double lined with felt and a 12 ml or greater liner.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The liner is to be cut at the level of the cuttings or treated to prevent the reemergence of the pit liner and pit material to the surface or its interference with long-term successful re-vegetation. Any excess liner material removed from the pit is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.
- Drill cuttings and mud shall remain in the reserve pit until DRY. The reserve pit must be free of oil and other liquid and solid wastes, allowed to dry, be pumped dry, or solidified in-situ prior to filling. The reserve pit shall not be "squeezed," (filled with soil while still containing fluids) or "cut" (puncturing the pit liner while still containing fluids to allow pit fluids to drain from the pit).
- Prevent fill and stock piles from entering drainages.
- **CULTURAL AND PALEONTOLOGICAL RESOURCES** - Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery shall be made by the authorized officer to determine appropriate actions to prevent the loss of

significant cultural or scientific values. The holder shall be responsible for the cost of evaluation and a decision as to proper mitigation measures shall be made by the authorized officer after consulting with the holder.

- The access road shall be crowned and ditched. Flat-bladed roads are NOT allowed.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.
- Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil respread over the surface; and, the surface revegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeding.
- Noxious weeds and any undesirable plants, as determined by the BLM, shall be controlled by the operator. The operator shall submit a pesticide use proposal to control weeds if they develop on the location or access road.
- Trees must be removed from the location must be piled separately off location and saved for final reclamation purposes.

INTERIM RECLAMATION

- Where possible, strip six inches of topsoil from the location as shown on the cut sheet. After the well is completed, the topsoil shall be spread and re-contoured on the location and immediately seeded with the seed mix below. Topsoil shall not be piled deeper than 2 feet.

Interim Reclamation Seed Mix for location:

Crested wheatgrass	Agropyron cristatum	4 lbs/acre
	Per Live Seed Total	4 lbs/acre

- Certified weed free seed and straw shall be used for final and interim reclamation. The operator shall submit a receipt with certification for the seed and any straw used on location.
- The topsoil from the reserve pit should be stripped and piled separately near the reserve pit. When the reserve pit is closed it should be re-contoured, then the area should be seeded in the same manner as the topsoil.
- There shall be no primary or secondary noxious weeds in the seed mixture.
- The above listed seed mix shall be used to seed all unused portions of the pad including the topsoil and stock piles, and the reserve pits. Re-seeding may be required if the first seeding is not successful.
- The seed shall be drilled or disked into the ground or hand broadcast onto the ground. Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixture shall be doubled and the area raked or chained to cover the seed. Seeding shall be conducted in fall.

COMPLETION AND PRODUCTION

- All Blow back fluids from completion operations shall be contained in such a manner that no oil reaches the reserve pit.
- During all road building, pad construction, drilling, well completion, producing and abandonment activities, all gasoline, diesel powered equipment used must be equipped with approved spark arresters or mufflers.
- The dikes for the production facilities will be constructed of compacted subsoil, be impervious, hold 110% the capacity of the largest tank with (one) 1 foot of freeboard and be independent of the backcut. All galvanized material used for dikes shall be painted on the inside and outside. Dikes shall be installed before production starts. Diking of the entire location will only be used as a secondary means of containment.
- Production facilities (including dikes) shall be placed on cut and a minimum of 20' from the toe of the backcut.
- Pesticides may not be used to control undesirable woody and herbaceous vegetation, aquatic plants, insects, rodents, trash fish, etc., without the prior written approval of the BLM. A request for approval of planned uses of pesticides shall be submitted 4 months prior to the proposed starting date.
- No production pits shall be allowed on the location.
- Load outs shall be inside the dike. A drip barrel shall be installed under the end of the loadout line.
- All production facilities, i.e. pump, pump house, storage tanks, oil-water separator, galvanized dikes, propane tanks, etc. shall be painted with a lusterless color (see well stipulations for color specific to each well). All facilities shall be painted within twelve (12) months of installation.
- The well location shall be maintained in a clean environmentally friendly manner, using good house keeping practices.
- Equipment not being used for production shall not be stored on the well location.
- All oil and chemical barrels shall be labeled and have a spill containment device to protect soils from possible contamination.

ABANDONED WELL – FINAL RECLAMATION

- A sundry notice shall be submitted to the BLM prior to abandonment, a final reclamation seed mix shall be designated at the time the sundry is approved.
- The cut and fill slopes shall be recontoured to original contours. The entire disturbed area shall then be back-filled with topsoil, landscaped, seeded and fenced to exclude livestock. The fence shall remain in place. It shall be removed prior to approval of final abandonment.
- The seed shall be drilled or hand broadcast and harrowed into the ground during September of

the year following earthwork for initial or final reclamation. Planting depth shall not exceed one-half inch using a seed drill. Weed free mulch shall also be applied to the planting area sufficiently to uniformly cover 80% of the seeded area. Hydroseeding and mulching can also be used, but seeding rates will need to be doubled.

- When seeding *Artemisia* spp or shrubs broadcast seed and chain the area.
- Final reclamation shall be a stage process.
- If invasive or undesirable species are present in the area the location to be reclaimed will be sprayed with a pesticide in fall preferably October. (pesticide determined by the Vernal Field Office).
- 30 days after treatment drill seed the location with 4 lbs/acre Crested wheatgrass.
- Once the desired pioneer species has established (2 yrs +) the seeded area shall be sprayed in a mosaic pattern with the above determined pesticide.
- Reseed within 30 days with an approved native final reclamation seed mix.
- Final reclamation will be considered complete once desired plants are > 5 plants per square meter and invasive or un-desirable species are < 100 plants per square meter.
- No drilling or construction from April 1 through July 15 to protect nesting Prairie Falcons. Sage Grouse Lek Nest Area—No surface use is allowed within the lek nesting areas March 1 through June 30. No surface use November 1 through April 30 to protect big game seasonal wildlife habitat. All production facilities shall be painted Olive Drab. 6" and 4" surface poly gas lines.

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 Peter Sokolosky or another geologist of the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- 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 Production Company**

Well Name: **Federal 10-18-9-16**

API No: **43-013-32921** Lease Type: **Federal**

Section **18** Township **09S** Range **16E** County **Duchesne**

Drilling Contractor **NDSI** Rig # **NS#1**

SPUDDED:

Date **5-18-07**

Time **10:30 AM**

How **Dry**

Drilling will Commence: _____

Reported by **Troy**

Telephone # **435-823-6013**

Date **5-21-07** Signed **RM**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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



1. Type of Well
 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)
 1988 FSL 1938 FEL
 NWSE Section 18 T9S R16E

5. Lease Serial No.
 USA UTU-64379

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
 FEDERAL 10-18-9-16

9. API Well No.
 4301332921

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

11. County or Parish, State
 DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INIDICATE 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 5/18/07 MIRU NDSI NS # 1.Spud well @ 11:00 AM. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 324.33 KB On 5/20/07 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.

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

Title
 Drilling Foreman

Date
 05/21/2007



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)

RECEIVED
MAY 22 2007
 DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

_____ **8 5/8** _____ CASING SET AT _____ **324.33** _____

LAST CASING 8 5/8" set @ 324.33
 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 10-18-9-16
 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 44.70'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	312.48
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			314.33
TOTAL LENGTH OF STRING		314.33	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			324.33
TOTAL		312.48	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		312.48	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.	Spud	5/18/2007	11:00 AM	GOOD CIRC THRU JOB <u>YES</u>			
CSG. IN HOLE		5/19/2007	11:00 AM	Bbls CMT CIRC TO SURFACE <u>2</u>			
BEGIN CIRC		5/20/2007	12:26 PM	RECIPROCATED PIPE FOR <u>N/A</u>			
BEGIN PUMP CMT		5/20/2007	12:41 PM				
BEGIN DSPL. CMT		5/20/2007	12:55 PM	BUMPED PLUG TO <u>450</u> PSI			
PLUG DOWN		5/20/2007	1:03 PM				
CEMENT USED		CEMENT COMPANY- B. J.					
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 Don Bastiar DATE 5/20/2007

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

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 2638
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	16137	4301333066	FEDERAL 1-20-9-16	NENW	20	9S	16E	DUCHESNE	5/17/2007	5/30/07
WELL 1 COMMENTS: <i>GRW</i>											
B	99999	14844	4304738193	<i>Sundance</i> FEDERAL 14-1-9-17	NENW	12	9S	17E	DUCHESNE	5/18/2007	5/30/07
<i>GRW</i> <i>BHL = SESW SEC 1</i>											
A	99999	16138	4301332921	FEDERAL 10-18-9-16	NWSE	18	9S	16E	DUCHESNE	5/18/2007	5/30/07
<i>GRW</i>											
A	99999	16139	4301333136	FEDERAL 13-15-9-16	SWSW	15	9S	16E	DUCHESNE	5/22/2007	5/30/07
<i>GRW</i>											
B	99999	12418	4301332919	FEDERAL 7-18-9-16	SWNE	18	9S	16E	DUCHESNE	5/22/2007	5/30/07
WELL 5 COMMENTS: <i>GRW</i> <i>West Point</i>											
A	99999	16140	4301333164	FEDERAL 15-21-9-16	SWSE	21	9S	16E	DUCHESNE	5/16/2007	5/30/07
WELL 5 COMMENTS: <i>GRW</i>											

ACTION CODES (See instructions on back of form)

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

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

RECEIVED

MAY 23 2007

DIV. OF OIL, GAS & MINING

Jentri Park
Signature
Jentri Park
Production Clerk
April 18, 2007
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

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-64379

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
FEDERAL 10-18-9-16

9. API Well No.
4301332921

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, 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)
1988 FSL 1938 FEL
NWSE Section 18 T9S R16E

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	

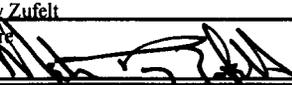
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths 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 5/22/2007 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 @ 278'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5,900'. 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 @ 5882.14' / KB. Cement with 325sks cement mixed @ 11.0 ppg & 3.49 yld. The 425 sks cement mixed @ 14.4 ppg & 1.24 yld. With 49 bbls returned to pit. Nipple down Bop's. Drop slips @ 92,000 #'s tension. Release rig 7:00 pm on 5/27/2007.

RECEIVED
MAY 30 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
05/28/2007

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

5 1/2" CASING SET AT 5882.14

Flt clr @ 5878.30

LAST CASING 8 5/8" Set @ 324.33

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Federal 10-18-9-16

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # Patterson-UTI Rig # 155

TD DRILLER 5900' TD loggers _____

HOLE SIZE 7 7/8"

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 6.22' @ 3842.16'					
134	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5864.30
							0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	20.52
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5900.07
TOTAL LENGTH OF STRING		5900.07	135	LESS CUT OFF PIECE			29.93
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		423.07	10	CASING SET DEPTH			5882.14
TOTAL		6307.89	145	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6307.89	145				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		6:30 AM	5/27/2007	GOOD CIRC THRU JOB			YES
CSG. IN HOLE		10:30 AM	5/27/2007	Bbls CMT CIRC to surface			49
BEGIN CIRC		10:40 AM	5/27/2007	RECIPROCATED PIPE FOR <u>THRUSTROKE</u>			
BEGIN PUMP CMT		12:07 PM	5/27/2007	DID BACK PRES. VALVE HOLD ? <u>YES</u>			
BEGIN DSPL. CMT		1:16 PM	5/27/2007	BUMPED PLUG TO			2051 PSI
PLUG DOWN		1:40 PM	5/27/2007				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	325	Premlite II w/ 10% gel + 3 % KCL, 5#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake mixed @ 11.0 ppg W / 3.49 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 5/27/2007

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.

SUBMIT IN TRIPlicate - 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)
 1988 FSL 1938 FEL
 NWSE Section 18 T9S R16E

5. Lease Serial No.
 USA UTU-64379

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
 FEDERAL 10-18-9-16

9. API Well No.
 4301332921

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

11. County or Parish, State
 DUCHESNE, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 06/29/2007

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:

USA UTU-64379

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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:

FEDERAL 10-18-9-16

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:

4301332921

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: 1988 FSL 1938 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSE, 18, T9S, R16E

STATE: UT

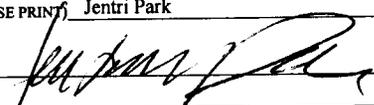
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 07/10/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
The above subject well was completed on 06/28/07, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE 

DATE 07/10/2007

(This space for State use only)

RECEIVED

JUL 11 2007

DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 10-18-9-16

4/1/2007 To 8/30/2007

6/13/2007 Day: 1

Completion

Rigless on 6/12/2007 - Instal 5K frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5830' & cement top @ 17'. Perforate stage #1, A3 sds @ 5001-13' w/ 3-1/8" Slick Guns (19 gram, .49"HE, 120°) w/ 4 spf for total of 48 shots. 139 bbls EWTR. SIFN.

6/19/2007 Day: 2

Completion

Rigless on 6/18/2007 - RU BJ Services "Ram Head" frac flange. RU BJ & frac A3 sds, stage #1 down casing w/ 50,726#'s of 20/40 sand in 445 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2270 psi. Treated @ ave pressure of 3230 @ ave rate of 24.2 bpm w/ 6.5 ppg of sand (didn't go to 8 ppg due to pressure). Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 3789. Leave pressure on well. RU Perforators LLC. WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" solid (6K) composite frac plug & 15' perf gun. Set plug @ 4900'. Perforate B2 sds @ 4785-4800' w/ 3-1/8" Slick Guns (19 gram, .49"HE, 120°) w/ 4 spf for total of 60 shots. BJ broke down for 2 hours. RU BJ & frac stage #2 w/ 70,146#'s of 20/40 sand in 555 bbls of Lightning 17 frac fluid. Open well w/ 2065 psi on casing. Perfs broke down @ 3414 psi. Treated @ ave pressure of 3230 @ ave rate of 24.2 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2160. 1151 bbls EWTR. Leave pressure on well RU WLT. RIH w/ solid frac plug & 8' perf gun. Set plug @ 4720'. Perforate C sds @ 4645-53' w/ 4 spf for total of 32 shots. RU BJ & frac stage #3 w/ 46,884#'s of 20/40 sand in 409 bbls of Lightning 17 frac fluid. Open well w/ 1327 psi on casing. Perfs broke down @ 1889 psi. Treated @ ave pressure of 3230 @ ave rate of 24.2 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2165. 1560 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ flow through frac plug & 12' perf gun. Set plug @ 4150'. Perforate GB6 sds @ 4014-26', GB4 sds @ 3967-84' w/ 4 spf for total of 116 shots. RU BJ & frac stage #4 w/ 106,590#'s of 20/40 sand in 762 bbls of Lightning 17 frac fluid. Open well w/ 1577 psi on casing. Perfs broke down @ 2440 psi. Treated @ ave pressure of 1767 @ ave rate of 24.8 bpm w/ 8 ppg of sand. ISIP was 1980. 2322 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 5 hours & died w/ 400 bbls rec'd. SIFN.

6/20/2007 Day: 3

Completion

NC #3 on 6/19/2007 - MIRUSU. ND frac head & BOP. NU production head & BOP. RU rig floor. X- over to tbg eq. PU TIH w/ 4 3/4 chomp bit & 134- jts 2 7/8. Tag Plg @ 4150'. No fill. RU 4-Star power swivel. Drill out Plg. TIH w/ tbg to fill @ 4656'. Clean out fill & drill out Plg @ 4720'. TIH w/ tbg to fill @ 4810'. Clean out fill & drill out Plg @ 4900'. CWC. SDFD @ 6:30.

6/21/2007 Day: 4

Completion

NC #3 on 6/20/2007 - RU rig pump & CWC. TIH w/ tbg to fill @ 5713'. Clean out fill to PBDT @ 5860'. CWC. LD 3- jts 2 7/8. EOT @ 5775'. RU sandline to swab. IFL @ surface. Made 12 swab runs & recovered 145 bbls water w/ trace oil & no sand. FFL @ 1200'. RD sandline. TIH w/ 3- jts 2 7/8. No new fill. CWC. LD 26- jts 2 7/8. TOH

w/ 162- jts 2 7/8, & chomp bit. PU TIH w/ NC, 2- jts 2 7/8, SN, 1- jt 2 7/8, TA, 159- jts 2 7/8. SDFD @ 6:30.

6/22/2007 Day: 5

Completion

NC #3 on 6/21/2007 - RU rig pump & CWC. RD rig floor. ND BOP. Set TA w/ 15000 tension. NU wellhead. X- over to rod eq. PU TIH w/ 2 1/2 x 1 1/2 x 20 x 20 1/2 RHAC, 6- 1 1/2 wt bars, 20- 3/4 guided rods, 74- 3/4 plain rods, 98- 3/4 guided rods, 6', 4', x 3/4 pony rods, 1 1/2 x 26' polish rod. RU pumping unit. W/ tbg full stroke test rod pump w/ rig to 800 psi. Good test. RDMOSU @ 5:30. DID NOT POP DUE TO MECHANICAL PROBLEMS!

6/29/2007 Day: 6

Completion

NC #3 on 6/28/2007 - Mechanic repaired Ajax. POP 6/22/07. PLACED WELL ON PRODUCTION FINAL REPORT

Pertinent Files: Go to File List

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

<p>1a. TYPE OF WORK</p> <p>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____</p> <p>1b. TYPE OF WELL</p> <p>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR. <input type="checkbox"/> Other _____</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. UTU-64379</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA</p> <p>7. UNIT AGREEMENT NAME Federal</p> <p>8. FARM OR LEASE NAME, WELL NO. Federal 10-18-9-16</p>
---	---

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 **1988' FSL & 1938' FEL (NW/SE) Sec. 18, T9S, R16E**
At top prod. Interval reported below

14. API NO. 43-013-32921	DATE ISSUED 10/12/06	12. COUNTY OR PARISH Duchesne	13. STATE UT
------------------------------------	--------------------------------	---	------------------------

15. DATE SPUDDED 05/18/07	16. DATE T.D. REACHED 05/26/07	17. DATE COMPL. (Ready to prod.) 06/21/07	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5921' GL 5933' KB	19. ELEV. CASINGHEAD
-------------------------------------	--	---	--	----------------------

20. TOTAL DEPTH, MD & TVD 5900'	21. PLUG BACK T.D., MD & TVD 5860'	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 3967'-5013'

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#	324'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5882'	7-7/8"	325 sx Premlite II and 425 sx 50/50 Poz	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5071'	TA @ 4972'

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	
(A3) 5001'-5013'	.49"	4/48	5001'-5013'	Frac w/ 50,726# 20/40 sand in 445 bbls fluid	
(B2) 4785'-4800'	.49"	4/60	4785'-4800'	Frac w/ 70,146# 20/40 sand in 555 bbls fluid	
(C) 4645'-4653', 4603'-4616'	.43"	4/84	4603'-4653'	Frac w/ 46,884# 20/40 sand in 409 bbls fluid	
(GB6 & 4) 4014'-4026', 3967'-3984'	.43"	4/116	3967'-4026'	Frac w/ 106,590# 20/40 sand in 762 bbls fluid	

33.* PRODUCTION

DATE FIRST PRODUCTION 06/21/07	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 20' x 20 1/2 RHAC SM Plunger Pump	WELL STATUS (Producing or shut-in) PRODUCING					
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
			----->	12	6	21	500
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

JUL 18 2007

TEST WITNESSED BY _____

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 *[Signature]* TITLE **Production Clerk** DATE **7/11/2007**

Jentry Park

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 10-18-9-16	Garden Gulch Mkr	3500'	
				Garden Gulch 1	3723'	
				Garden Gulch 2	3828'	
				Point 3 Mkr	4080'	
				X Mkr	4344'	
				Y-Mkr	4378'	
				Douglas Creek Mkr	4485'	
				BiCarbonate Mkr	4698'	
				B Limestone Mkr	4818'	
				Castle Peak	5395'	
				Basal Carbonate	5830'	
				Total Depth (LOGGERS)	5903'	



September 17, 2012

RECEIVED

SEP 20 2012

Mr. Mark Reinbold
State of Utah
Division of Oil, Gas and Mining
1594 W North Temple
Salt Lake City, Utah 84114-5801

DIV. OF OIL, GAS & MINING

RE: Permit Application for Water Injection Well
Federal #10-18-9-16
Monument Butte Field, Lease #UTU-64379
Section 18-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #10-18-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg", written over a horizontal line.

Eric Sundberg
Regulatory Manager

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #10-18-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-64379
SEPTEMBER 17, 2012

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FEDERAL 10-18-9-16

Spud Date: 05/18/07
 Put on Production: 6/21/07
 GL: 5921' KB: 5933'

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (314.33')
 DEPTH LANDED: 324.33' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, circ 2 bbls to surf.

PRODUCTION CASING

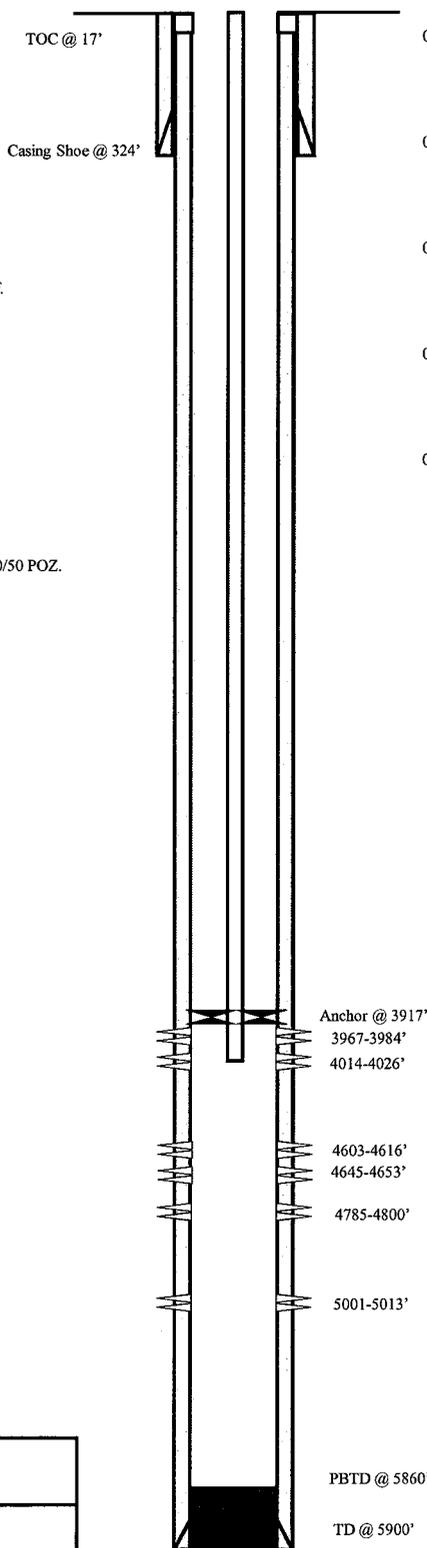
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 135 jts. (5900.07')
 DEPTH LANDED: 5882.14' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP: 17' per CBL 6/13/7

TUBING (GI 6/21/07)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 159 jts (4960.31')
 TUBING ANCHOR: 4960.3' KB
 NO. OF JOINTS: 1 jt (31.70')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4994.80' KB
 NO. OF JOINTS: 2 jts (63.10')
 TOTAL STRING LENGTH: EOT @ 5059' KB

FRAC JOB

06/18/07	5001-5013'	Frac A3 sands as follows: 50726# 20/40 sand in 445 bbls Lightning 17 frac fluid. Treated @ avg press of 3230 psi w/avg rate of 24.2 BPM. ISIP 3789 psi. Calc flush: 4999 gal. Actual flush: 4536 gal.
06/18/07	4785-4800'	Frac B2 sands as follows: 70146# 20/40 sand in 555 bbls Lightning 17 frac fluid. Treated @ avg press of 3230 psi w/avg rate of 24.2 BPM. ISIP 2160 psi. Calc flush: 4783 gal. Actual flush: 4326 gal.
06/18/07	4603-4653'	Frac D3&C sands as follows: 46884# 20/40 sand in 409 bbls Lightning 17 frac fluid. Treated @ avg press of 3230 psi w/avg rate of 24.2 BPM. ISIP 2165 psi. Calc flush: 4601 gal. Actual flush: 4116 gal.
06/18/07	3967-4026'	Frac GB4&6 sands as follows: 106590# 20/40 sand in 762 bbls Lightning 17 frac fluid. Treated @ avg press of 1767 psi w/avg rate of 24.8 BPM. ISIP 1980 psi. Calc flush: 3965 gal. Actual flush: 3864 gal
02/25/10		Pump Change. Rod & Tubing updated



PERFORATION RECORD

06/12/07	5001-5013'	4 JSPF	48 holes
06/18/07	4785-4800'	4 JSPF	60 holes
06/18/07	4645-4653'	4 JSPF	32 holes
06/18/07	4603-4616'	4 JSPF	52 holes
06/18/07	4014-4026'	4 JSPF	48 holes
06/18/07	3967-3984'	4 JSPF	68 holes

NEWFIELD
FEDERAL 10-18-9-16
1988'FSL & 1938' FEL
NW/SE Section 18-T9S-R16E
Duchesne Co, Utah
API #43-013-32921; Lease # UTU-64379

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**

2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**
 - 2.1 **The name and address of the operator of the project.**

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

 - 2.2 **A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

 - 2.3 **A full description of the particular operation for approval is requested.**

Approval is requested to convert the Federal #10-18-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

 - 2.4 **A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

 - 2.5 **The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Federal #10-18-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3827' - 5860'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3499' and the TD is at 5900'.

 - 2.6 **A copy of a log of a representative well completed in the pool.**

The referenced log for the Federal #10-18-9-16 is on file with the Utah Division of Oil, Gas and Mining.

2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.

See Attachment B.

2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.

See Attachment C.

2.10 Any additional information the Board may determine is necessary to adequately review the petition.

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.

This proposed injection well is on a Federal lease (Lease #UTU-64379) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

1. **Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
2. **The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 2.1 **A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.
 - 2.2 **Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.3 **A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
 - 2.4 **Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.5 **A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 324' KB, and 5-1/2", 15.5# casing run from surface to 5882' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
 - 2.6 **A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
 - 2.7 **Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1954 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Federal #10-18-9-16, for existing perforations (3967' - 5013') calculates at 0.93 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1954 psig. We may add additional perforations between 3499' and 5900'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Federal #10-18-9-16, the proposed injection zone (3827' - 5860') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-10.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.

EXHIBIT B

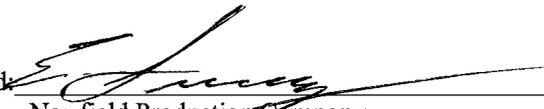
#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, LOTS 3, 4 Section 19: NE, E2NW, LOTS 1, 2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corp	USA
2	T9S-R16E SLM Section 17: S2 Section 20: N2	USA UTU-52018 HBP	Newfield Production Company Newfield RMI LLC	USA
3	T9S-R16E SLM Section 6: All Section 7: All Section 8: W2 Section 17: NW Section 18: NE, E2NW, Lots 1,2	USA UTU- 74390 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #10-18-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: 
Newfield Production Company
Eric Sundberg
Regulatory Manager

Sworn to and subscribed before me this 17th day of September, 2012.

Notary Public in and for the State of Colorado: Candice L. Kowalski

My Commission Expires
02/10/2013

My Commission Expires: _____



FEDERAL 10-18-9-16

Spud Date: 05/18/07
 Put on Production: 6/21/07
 GL: 5921' KB: 5933'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (314.33')
 DEPTH LANDED: 324.33' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, circ 2 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 135 jts. (5900.07')
 DEPTH LANDED: 5882.14' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP: 17' per CBL 6/13/7

TUBING (GI 6/21/07)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 159 jts (4960.31')
 TUBING ANCHOR: 4960.3' KB
 NO. OF JOINTS: 1 jt (31.70')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4994.80' KB
 NO. OF JOINTS: 2 jts (63.10')
 TOTAL STRING LENGTH: EOT @ 5059' KB

SUCKER RODS (GI 2/23/10)

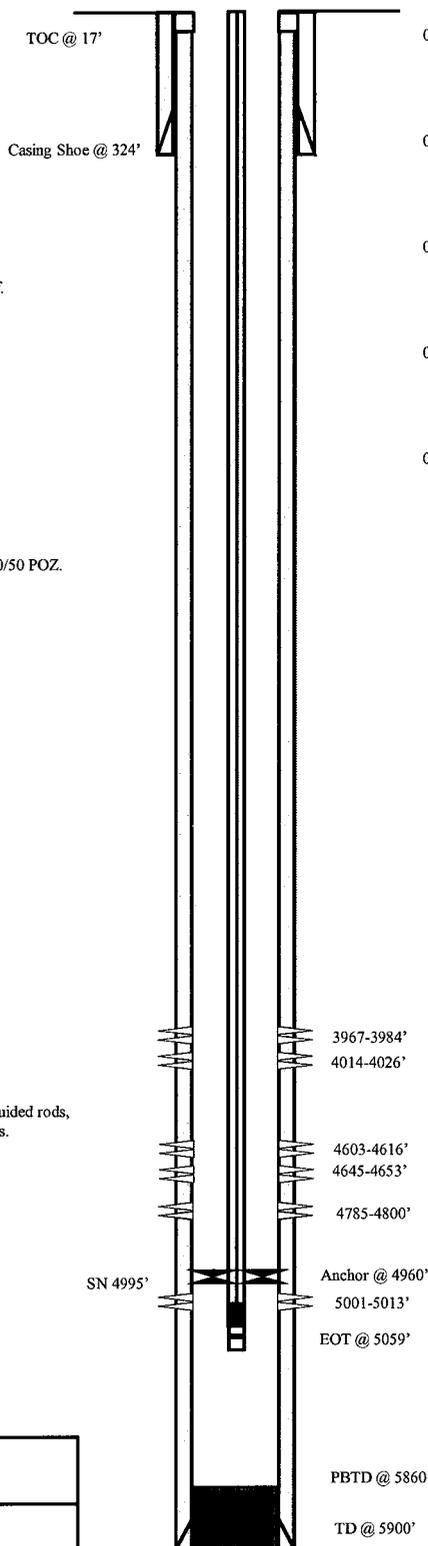
POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 1-2', 1-4', 1-6' x 3/8" pony rods, 99-3/4" guided rods, 74-3/4" sucker rods, 20-3/4" guided rods, 6-1 1/2" weight rods.
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16' X 21' RHAC
 STROKE LENGTH: 102.5"
 PUMP SPEED, SPM: 5
 PUMPING UNIT: DARCO C-320-256-120

FRAC JOB

06/18/07	5001-5013'	Frac A3 sands as follows: 50726# 20/40 sand in 445 bbls Lightning 17 frac fluid. Treated @ avg press of 3230 psi w/avg rate of 24.2 BPM. ISIP 3789 psi. Calc flush: 4999 gal. Actual flush: 4536 gal.
06/18/07	4785-4800'	Frac B2 sands as follows: 70146# 20/40 sand in 555 bbls Lightning 17 frac fluid. Treated @ avg press of 3230 psi w/avg rate of 24.2 BPM. ISIP 2160 psi. Calc flush: 4783 gal. Actual flush: 4326 gal.
06/18/07	4603-4653'	Frac D3&C sands as follows: 46884# 20/40 sand in 409 bbls Lightning 17 frac fluid. Treated @ avg press of 3230 psi w/avg rate of 24.2 BPM. ISIP 2165 psi. Calc flush: 4601 gal. Actual flush: 4116 gal.
06/18/07	3967-4026'	Frac GB4&6 sands as follows: 106590# 20/40 sand in 762 bbls Lightning 17 frac fluid. Treated @ avg press of 1767 psi w/avg rate of 24.8 BPM. ISIP 1980 psi. Calc flush: 3965 gal. Actual flush: 3864 gal
02/25/10		Pump Change. Rod & Tubing updated

PERFORATION RECORD

06/12/07	5001-5013'	4 JSPF	48 holes
06/18/07	4785-4800'	4 JSPF	60 holes
06/18/07	4645-4653'	4 JSPF	32 holes
06/18/07	4603-4616'	4 JSPF	52 holes
06/18/07	4014-4026'	4 JSPF	48 holes
06/18/07	3967-3984'	4 JSPF	68 holes



NEWFIELD

FEDERAL 10-18-9-16

1988'FSL & 1938' FEL

NW/SE Section 18-T9S-R16E

Duchesne Co, Utah

API #43-013-32921; Lease # UTU-64379

Federal 12-17-9-16

Spud Date: 8-17-06
 Put on Production: 9-19-06
 GL: 6046' KB: 6058'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (311.66')
 DEPTH LANDED: 323.51' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts. (6012.04')
 DEPTH LANDED: 6025.87' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 324 sxs Prem. Lite II mixed & 451 sxs 50/50 POZ.
 CEMENT TOP AT: 190'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 165 jts (5190.4')
 TUBING ANCHOR: 5190.4' KB
 NO. OF JOINTS: 1 jts (31.60')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5224.8' KB
 NO. OF JOINTS: 2 jts (63.3')
 TOTAL STRING LENGTH: EOT @ 5290' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 10 - 3/4" guided rods, 93 - 3/4" plain rods,
 101 - 3/4" guided rods, 6 - 1 1/2" weight rods.
 PUMP SIZE: 2-1/2" x 1-3/4" x 16' x 20' RHAC
 STROKE LENGTH: 84"
 PUMP SPEED, SPM: 5 SPM

FRAC JOB

09-13-06 5113-5247' **Frac LODC sands as follows:**
 174414# 20/40 sand in 1154 bbls Lightning
 17 frac fluid. Treated @ avg press of 1707 psi
 w/avg rate of 24.9 BPM. ISIP 2050 psi. Calc
 flush: 5111 gal. Actual flush: 4620 gal.

09-13-06 4980-4990' **Frac A1 sands as follows:**
 34935# 20/40 sand in 386 bbls Lightning 17
 frac fluid. Treated @ avg press of 2372 psi
 w/avg rate of 24.9 BPM. ISIP 2550 psi. Calc
 flush: 4978 gal. Actual flush: 4746 gal.

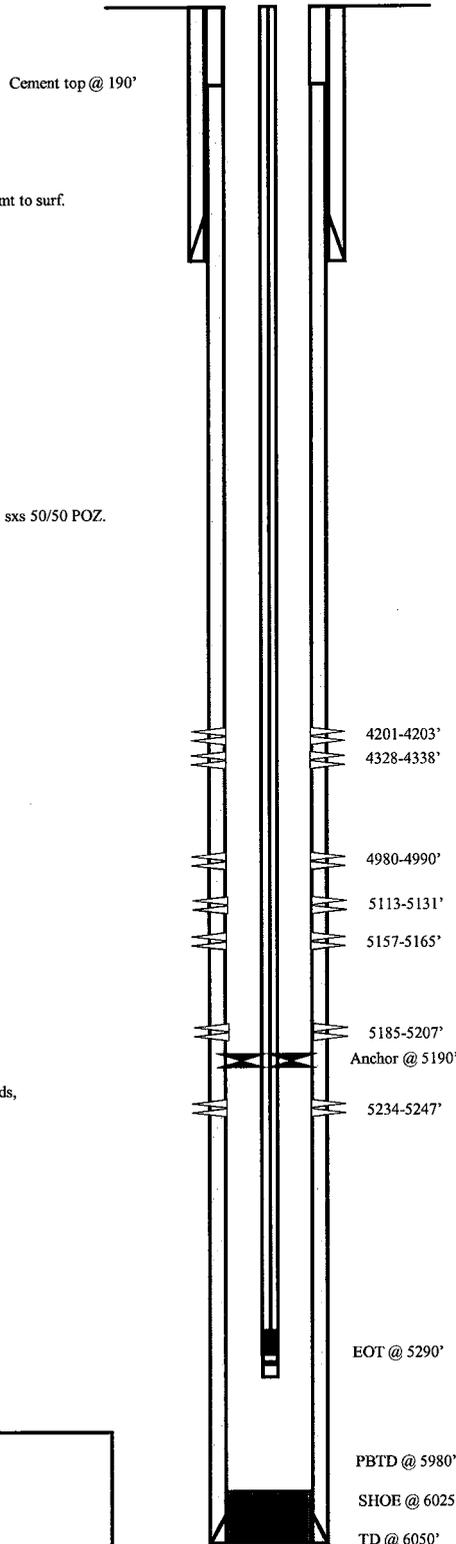
02/19/07 **Pump Change.** Update rod and tubing details.
 03/30/07 **Pump Change.** Rod & Tubing detail updated

02/11/11 4201-4338' **Frac PB8 & GB6 sands as follows:** 47662#
 20/40 sand in 294 bbls Lightning 17 fluid.

02/15/11 **Recompletion Finalized** - update rod and tbg
 detail.

PERFORATION RECORD

Date	Interval	JSPF	Holes
09-08-06	5234-5247'	4 JSPF	52 holes
09-08-06	5185-5207'	4 JSPF	88 holes
09-08-06	5157-5165'	4 JSPF	32 holes
09-08-06	5113-5131'	4 JSPF	72 holes
09-13-06	4980-4990'	4 JSPF	40 holes
02-11-11	4328-4338'	3 JSPF	30 holes
02-11-11	4201-4203'	3 JSPF	6 holes





Federal 12-17-9-16
 1919' FSL & 668' FWL
 NW/SW Section 17-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33035; Lease # UTU-52018

FED. 9-18-9-16

Spud Date: 7/31/08
 Put on Production: 9/23/08
 GL: 5306' KB: 5318'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (296.14')
 DEPTH LANDED: 307.99'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: To surface with 160 sx Class 'G' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 153 jts (6222.42')
 DEPTH LANDED: 6076.98'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sx Premlite II and 450 sx 50/50 poz
 CEMENT TOP : 137'

TUBING

SIZE/GRADE/WT.: 2 7/8 J-55
 NO. OF JOINTS: 170 jts 5347'
 TUBING ANCHOR: 5359' KB
 NO. OF JOINTS: 2 jts 62.5'
 SEATING NIPPLE: 1.10'
 SN LANDED AT: 5424.3'
 NO. OF JOINTS: 2 jts. 63'
 TOTAL STRING LENGTH: 5489' W/ 12' KB

SUCKER RODS

POLISHED ROD: 1 1/2" X 26' polished rod
 SUCKER RODS: 1-6' X 3/4" pony rod, 99-3/4"=2475' guided rods, 62-3/4"=1550' sucker rods, 50-3/4"=1250' guided rods, 6- 1 1/2"=150' weight rods, 1- 1"=2.5' sinker bar.
 PUMP SIZE: CDI 2 1/2"x1 1/4" x 12' x 16' RHAC pump
 STROKE LENGTH: 72"
 PUMP SPEED, SPM: 5

FRAC JOB

9/18/07 5394-5415' **Frac LODC sds as follows:**
 85,173#'s of 20/40 sand in 688 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2345 psi w/ ave rate of 24.8 BPM. ISIP 2500 psi.

9/18/07 5166-5182' **Frac A3 sds as follows:**
 98,499#'s of 20/40 sand in 773 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1870 psi w/ ave rate of 24.8 BPM. ISIP 2315 psi.

05/28/08 **Pump change.** Updated rod and tubing details

8/25/08 5052-5064' **RU BJ & frac A.5 sds as follows:**
 49,743#'s of 20/40 sand in 459 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2143 w/ ave rate of 22.9 bpm w/ 8 ppg of sand. ISIP was 2486.

8/25/08 4958-4962' **RU BJ & frac stage #2 as follows:**
 29,943#'s of 20/40 sand in 390 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1986 w/ ave rate of 23 bpm w/ 6 ppg of sand. ISIP was 1955.

8/25/08 4682-4688' **RU BJ & frac stage #3 as follows:**
 24,780#'s of 20/40 sand in 344 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1984 w/ ave rate of 23 bpm w/ 6 ppg of sand. ISIP was 2000.

8/25/08 4352-4358' **RU BJ & frac stage #4 as follows:**
 40,471#'s of 20/40 sand in 390 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2224 w/ ave rate of 23 bpm w/ 8 ppg of sand. ISIP was 2177.

8/25/08 4212-4226' **RU BJ & frac stage #5 as follows:**
 40,033#'s of 20/40 sand in 391 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1474 w/ ave rate of 23 bpm w/ 8 ppg of sand. ISIP was 1715.

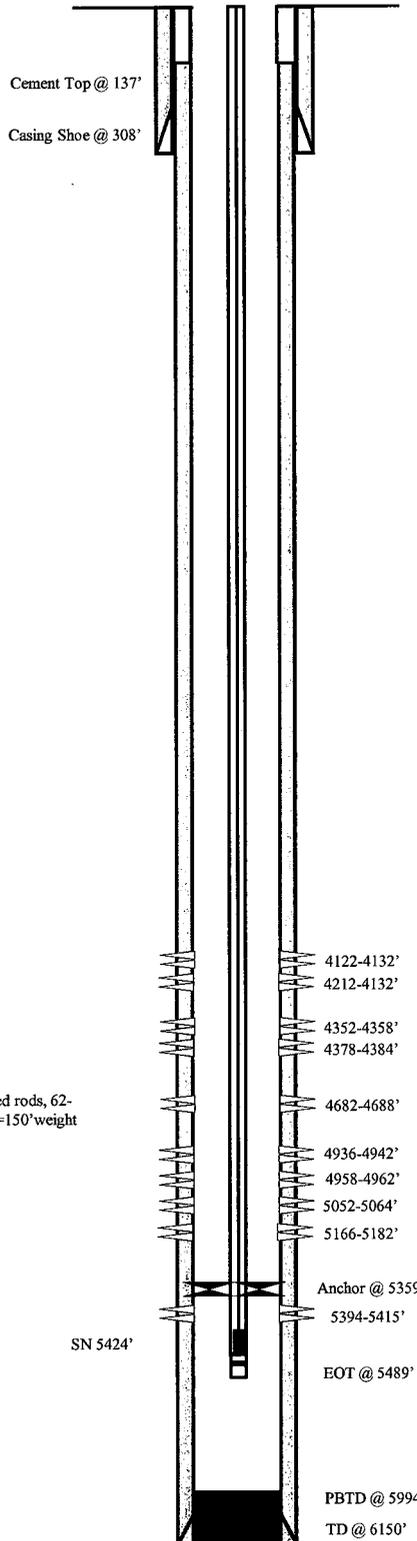
8/25/08 4122-4132' **RU BJ & frac stage #5 as follows:**
 40,033#'s of 20/40 sand in 391 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1474 w/ ave rate of 23 bpm w/ 8 ppg of sand. ISIP was 1715.

6/12/09 **Tubing Leak.** Updated rod & tubing details.

11/18/2010 **Pump Change.** Update rod and tubing details

11/29/2011 **Pump Change.** Updated rod & tubing detail.

2/17/12 **Pump Chage:** updated rod & tubing detail



PERFORATION RECORD

Date	Depth Range	Tool	Holes
8/25/08	4122-4132'	4 JSPF	40 holes
8/25/08	4212-4226'	4 JSPF	56 holes
8/25/08	4352-4358'	4 JSPF	24 holes
8/25/08	4378-4384'	4 JSPF	24 holes
8/25/08	4682-4688'	4 JSPF	24 holes
8/25/08	4958-4962'	4 JSPF	16 holes
8/25/08	4936-4942'	4 JSPF	24 holes
8/22/08	5052-5064'	4 JSPF	48 holes
9/18/07	5166-5182'	4 JSPF	84 holes
9/18/07	5394-5415'	4 JSPF	84 holes



FED. 9-18-9-16

2054' FSL & 470' FEL

NE/SE Section 18-T9S-R16E

Duchesne Co, Utah

API #43-013-32920; Lease # UTU-64379

Federal 12-18-9-16

Spud Date: 10-11-07
 Put on Production: 11-9-07
 GL: 6120' KB: 6132'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (309')
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 320.05'
 CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 155 jts. (6015') Includes Shoe Jt (39 35')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 6029'
 CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 133'

TUBING

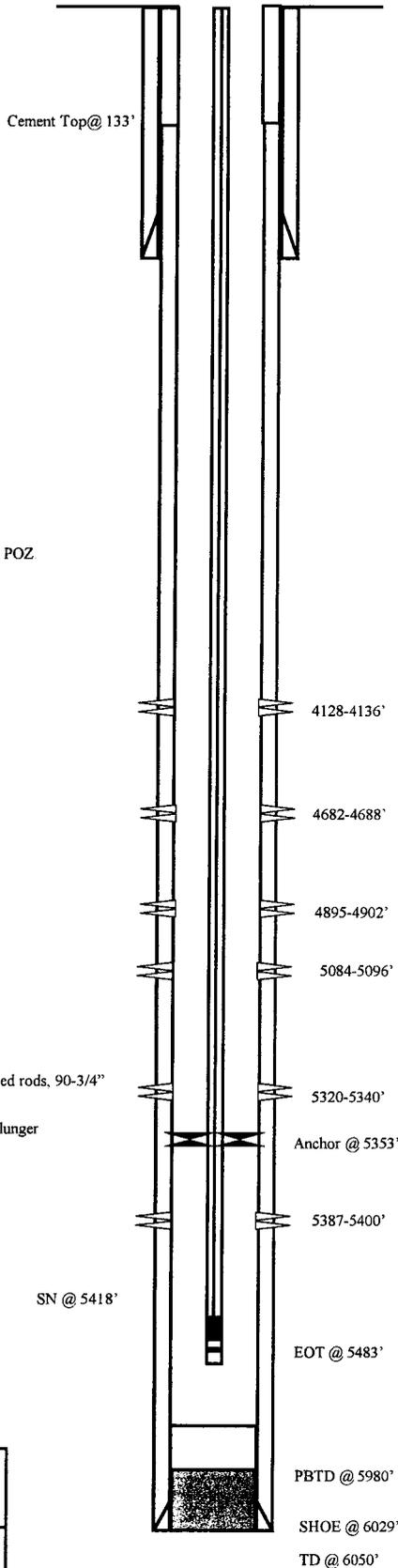
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 172 jts (5341 4')
 TUBING ANCHOR: 5353 4'
 NO. OF JOINTS: 2 jts (62.6')
 SEATING NIPPLE: 2-7/8" (1 10')
 SN LANDED AT: 5418.8' KB
 NO. OF JOINTS: 2 jts (62.2')
 TOTAL STRING LENGTH: EOT @ 5483'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 1-2', 1-4', 1-8 x 3/4" pony rod, 99-3/4" guided rods, 90-3/4" sucker rods, 20-3/4" guided rods, 6-1" weight rods
 PUMP SIZE: 2-1/2" x 1-1/2" x 16" X 20' RHAC pump w/SM plunger
 STROKE LENGTH: 102"
 PUMP SPEED, SPM: 5

FRAC JOB

- 11-1-07 5320-5400' **Frac LODC sands as follows:**
 218,841# 20/40 sand in 1483 bbls
 Lightning 17 fluid. Treat at 2227 psi @
 24.8 BPM. ISIP 2451/psi. Calc flush:
 5318 gal. Actual flush: 4813 gal
- 11-6-07 5084-5096' **Frac A1 sands as follows:**
 45,166# 20/40 sand in 448 bbls Lightning
 17 fluid. Treat at 2174 psi @ 24.8
 BPM. ISIP 2509 psi. Calc flush: 5082
 gal. Actual flush: 4578 gal
- 11-6-07 4895-4902' **Frac B.5 sands as follows:**
 Frac with 25,406 # 20/40 sand in 352
 bbls Lightning 17 fluid. Treat at 2034 psi
 @ 24.8BPM. ISIP1836 psi. Calc
 flush: 4893 gal. Actual flush: 4989 gal.
- 11-6-07 4682-4688' **Frac D1 sand as follows:**
 Frac with 15,5400 # 20/40 sand in 264
 bbls Lightning 17 fluid. Treat at 2207 psi
 @ 24.8 BPM. ISIP 2197 psi. Calc
 flush: 4680 gal. Actual flush: 4175 gal
- 11-6-07 4128-4136' **Frac GB-2 sands as follows:**
 Frac with 28,328 # 20/40 sand in 368
 bbls Lightning 17 fluid. Treat at 1986 psi
 @ 24.9 BPM. ISIP 2058 psi. Calc
 flush: 4126 gal. Actual flush: 4032 gal.
- 3/15/12 Tubing Leak: Updated rod & tubing
 detail



PERFORATION RECORD

4128-4136'	4 JSPF	32 holes
4682-4688'	4 JSPF	24 holes
4895-4902'	4 JSPF	28 holes
5084-5096'	4 JSPF	48 holes
5320-5340'	4 JSPF	80 holes
5387-5400'	4 JSPF	52 holes

NEWFIELD

Federal 12-18-9-16
 1980' FSL & 560' FWL
 NWSW Section 18-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32998; Lease #UTU-64379

FEDERAL 14-18-9-16

Spud Date: 09/17/07
 Put on Production: 10/26/07
 GL: 6117' KB: 6129'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (309.62')
 DEPTH LANDED: 321.47' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 155 jts. (5943.54')
 DEPTH LANDED: 5956.79' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP: 114'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 169 jts (5256.4')
 TUBING ANCHOR: 5268.4' KB
 NO. OF JOINTS: 2 jts (60.80')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5332.0' KB
 NO. OF JOINTS: 2 jts (61.60')
 TOTAL STRING LENGTH: EOT @ 5396.' KB

SUCKER RODS

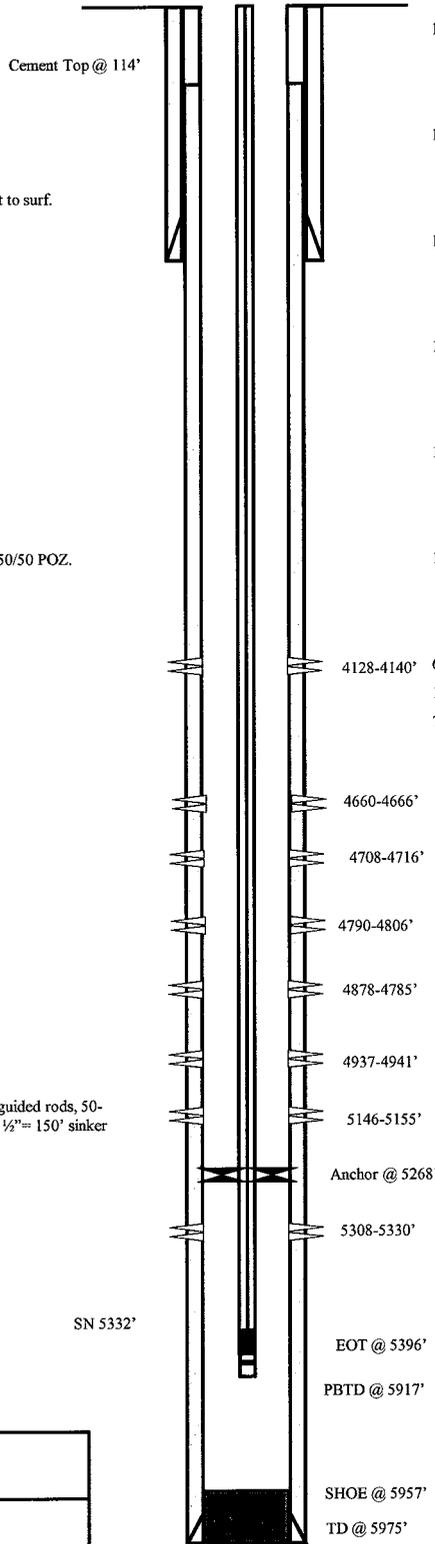
POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 1- 2' x 3/4" pony rods, 100-3/4" = 2500' guided rods, 50-3/4" = 1250' guided rods, 56-3/4" = 1400' guided rods, 6-1 1/2" = 150' sinker rods.
 PUMP SIZE: CDI 2-1/2" x 1-1/4" x 14' x 18' 'RHAC
 STROKE LENGTH: 102"
 PUMP SPEED, 5 SPM:

FRAC JOB

10/17/07	5308-5330'	Frac LODC sands as follows: 100563# 20/40 sand in 746 bbls Lightning 17 frac fluid. Treated @ avg press of 1698 psi w/avg rate of 23 BPM. ISIP 2105 psi. Calc flush: 5306 gal. Actual flush: 4796 gal.
10/17/07	5146-5155'	Frac A3 sands as follows: 60790# 20/40 sand in 549 bbl Lightning 17 frac fluid. Treated @ avg press of 2146 psi w/avg rate of 23 BPM. ISIP 2344 psi. Calc flush: 5144 gal. Actual flush: 2344 gal.
10/17/07	4878-4941'	Frac B2 & B.5 sands as follows: 24732# 20/40 sand in 353 bbls Lightning 17 frac fluid. Treated @ avg press of 2039 psi w/avg rate of 23 BPM. ISIP 1949 psi. Calc flush: 4876 gal. Actual flush: 4389 gal.
10/17/07	4790-4806'	Frac C sands as follows: 95455# 20/40 sand in 728 bbls Lightning 17 frac fluid. Treated @ avg press of 1858 psi w/avg rate of 23 BPM. ISIP 1858 psi. Calc flush: 4788 gal. Actual flush: 4305 gal.
10/17/07	4660-4716'	Frac D1 & D2 sands as follows: 70174# 20/40 sand in 571 bbls Lightning 17 frac fluid. Treated @ avg press of 2111 psi w/avg rate of 23 BPM. ISIP 2427 psi. Calc flush: 4658 gal. Actual flush: 4154 gal.
10/17/07	4128-4140'	Frac GB4 sands as follows: 88281# 20/40 sand in 658 bbls Lightning 17 frac fluid. Treated @ avg press of 1695 psi w/avg rate of 23 BPM. ISIP 1814 psi. Calc flush: 4126 gal. Actual flush: 4032 gal.
4128-4140'	6/28/08	Hole in tubing. Rod & tubing updated.
11/07/10		Pump change. Rod & Tubing updated
7/13/2011		Tubing leak. Rod & tubing updated.

PERFORATION RECORD

10/15/07	5308-5330'	4 JSPF	88 holes
10/17/07	5146-5155'	4 JSPF	36 holes
10/17/07	4937-4941'	4 JSPF	16 holes
10/17/07	4878-4785'	4 JSPF	28 holes
10/17/07	4790-4806'	4 JSPF	64 holes
10/17/07	4708-4716'	4 JSPF	32 holes
10/17/07	4660-4666'	4 JSPF	24 holes
10/17/07	4128-4140'	4 JSPF	48 holes





FEDERAL 14-18-9-16
 1040' FSL & 2047' FWL
 SE/SW Section 18-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33000; Lease # UTU-64379

FEDERAL 15-18-9-16

Spud Date: 09/18/07
 Put on Production: 10/16/07
 GL: 6049' KB: 6061'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.36')
 DEPTH LANDED: 324.21' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, 2-300 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 154 jts. (5986.37')
 DEPTH LANDED: 5999.62' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP: 30'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 182 jts (5610.75')
 TUBING ANCHOR: 5610.75' KB
 NO. OF JOINTS: 2 jts (62.42')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5675.97' KB
 NO. OF JOINTS: 2 jts (61.58')
 TOTAL STRING LENGTH: EOT @ 5739.10' KB

SUCKER RODS

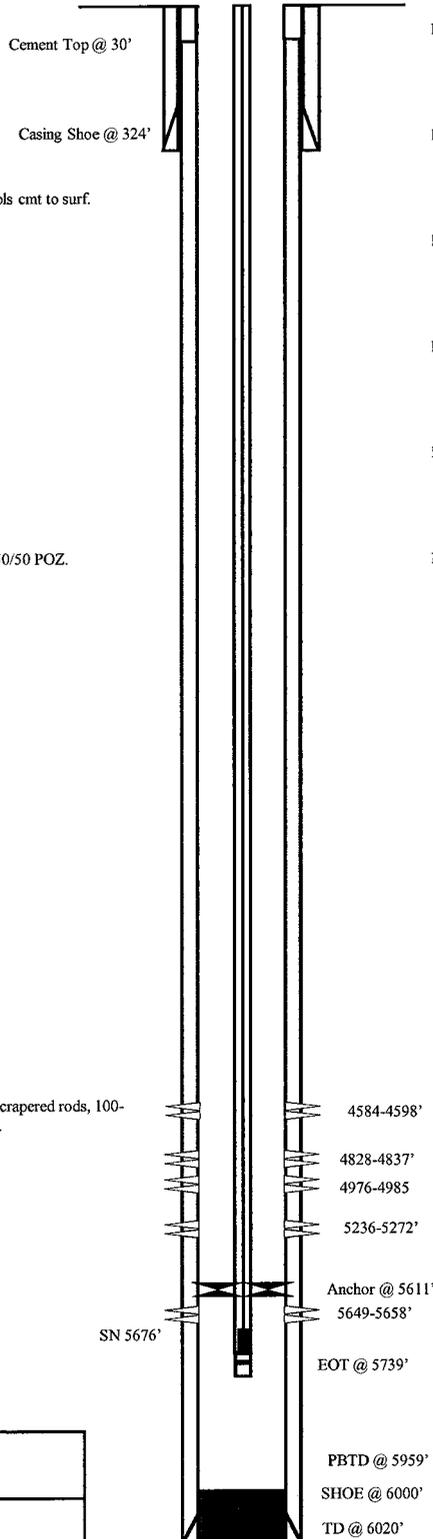
POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 1-2', & 1-6' x 3/4" pony rods, 100-3/4" scraped rods, 100-3/4" plain rods, 20-3/4" scraped rods, 6-1 1/2" weight rods.
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 14' x 18 1/2" RHAC
 STROKE LENGTH: 102"
 PUMP SPEED, 4.5 SPM:

FRAC JOB

10/11/07	5649-5658'	Frac CP3 sands as follows: 15067# 20/40 sand in 290 bbls Lightning 17 frac fluid. Treated @ avg press of 2158 psi w/avg rate of 24.8 BPM. ISIP 1805 psi. Calc flush: 5647 gal. Actual flush: 5166 gal.
10/11/07	5236-5272'	Frac LODC sands as follows: 159885# 20/40 sand in 1115 bbl Lightning 17 frac fluid. Treated @ avg press of 1955 psi w/avg rate of 24.8 BPM. ISIP 2340 psi. Calc flush: 5234 gal. Actual flush: 4746 gal.
10/11/07	4976-4985'	Frac A1 sands as follows: 34607# 20/40 sand in 423 bbls Lightning 17 frac fluid. Treated @ avg press of 2543 psi w/avg rate of 29.9 BPM. ISIP 3582 psi. Calc flush: 4974 gal. Actual flush: 4494 gal.
10/11/07	4828-4837'	Frac B1 sands as follows: 15082# 20/40 sand in 267 bbls Lightning 17 frac fluid. Treated @ avg press of 2075 psi w/avg rate of 24.8 BPM. ISIP 1935 psi. Calc flush: 4826 gal. Actual flush: 4326 gal.
10/11/07	4584-4598'	Frac D1 sands as follows: 47763# 20/40 sand in 455 bbls Lightning 17 frac fluid. Treated @ avg press of 1975 psi w/avg rate of 24.8 BPM. ISIP 2078 psi. Calc flush: 4582 gal. Actual flush: 4491 gal.
12-31-07		Pump Change. Updated rod & tubing details.

PERFORATION RECORD

10/11/07	4584-4598'	4 JSPF	56 holes
10/11/07	4828-4837'	4 JSPF	36 holes
10/11/07	4976-4985'	4 JSPF	36 holes
10/11/07	5236-5272'	4 JSPF	144 holes
10/11/07	5649-5658'	4 JSPF	36 holes





NEWFIELD

BELUGA FEDERAL 15-18-9-16

657'FSL & 2350' FEL

SW/SE Section 18-T9S-R16E

Duchesne Co, Utah

API #43-013-33001; Lease # UTU-64379

FEDERAL 16-18-9-16

Spud Date: 06/27/07
 Put on Production: 09/13/07
 GL: 6111' KB: 6123'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (305.53')
 DEPTH LANDED: 317.38' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 139 jts. (6028.19')
 DEPTH LANDED: 6041.44' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP: 70'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 167 jts (5259.32')
 TUBING ANCHOR: 5271.32' KB
 NO. OF JOINTS: 1 jts (31.54')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5305.66' KB
 NO. OF JOINTS: 2 jts (62.65')
 TOTAL STRING LENGTH: EOT @ 5369.86' KB

SUCKER RODS

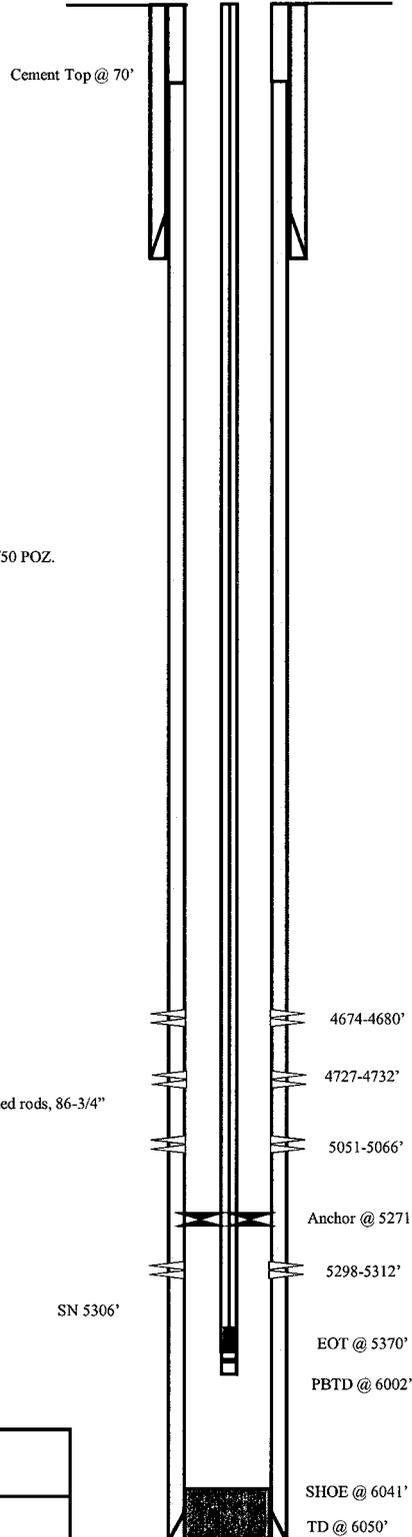
POLISHED ROD: 1-1/2" x 22' SM polished rods
 SUCKER RODS: 1-2", & 1-8" x 3/4" pony rods, 99-3/4" guided rods, 86-3/4" slick rods, 20-3/4" guided rods, 6-1 1/2" weight rods.
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12 x 15" RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, 5 SPM:

FRAC JOB

09/10/07	5704-5716'	Frac LODC sands as follows: 49689# 20/40 sand in 465 bbls Lightning 17 frac fluid. Treated @ avg press of 1986 psi w/avg rate of 24.7 BPM. ISIP 2376 psi. Calc flush: 5702 gal. Actual flush: 4830 gal.
09/10/07	5051-5066'	Frac A1 sands as follows: 79844# 20/40 sand in 628 bbls Lightning 17 frac fluid. Treated @ avg press of 2030 psi w/avg rate of 24.8 BPM. ISIP 2400 psi. Calc flush: 4999 gal. Actual flush: 4578 gal.
09/12/07	4674-4732'	Frac D2 & D1 sands as follows: 31828# 20/40 sand in 394 bbls Lightning 17 frac fluid. Treated @ avg press of 1974 psi w/avg rate of 24.8 BPM. ISIP 1974 psi. Calc flush: 4672 gal. Actual flush: 4578 gal.
1-10-08		Pump Change. Updated rod & tubing details.
1/14/09		Pump Change. Updated rod & tubing details.

PERFORATION RECORD

09/11/07	5298-5312'	4 JSPF	56 holes
09/11/07	5051-5066'	4 JSPF	60 holes
09/11/07	4727-4732'	4 JSPF	20 holes
09/11/07	4674-4680'	4 JSPF	24 holes



NEWFIELD

FEDERAL 16-18-9-16

964'FSL & 297' FEL

SE/SE Section 18-T9S-R16E

Duchesne Co, Utah

API #43-013-32922; Lease # UTU-64379

WEST POINT FED 6-18-9-16

Spud Date: 10/11/2007
 Put on Production: 11/21/2007
 GL: 6084' KB: 6096'

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (307.26')
 DEPTH LANDED: 319'
 HOLE SIZE: 12 1/4"
 CEMENT DATA: To Surface w/160 sx class 'G' cement

PRODUCTION CASING

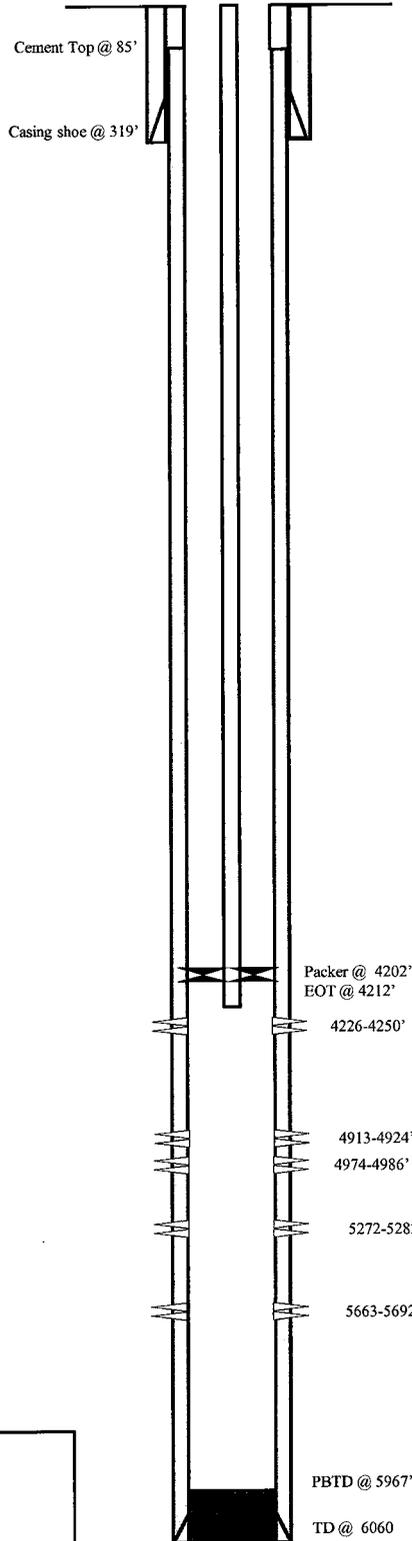
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH:
 DEPTH LANDED: 6007'
 HOLE SIZE: 7 7/8"
 CEMENT DATA: 300 sx primlite II and 400 sx 50/50 poz
 CEMENT TOP: 85'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 133 jts (4183.7')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4195.7' KB
 ON/OFF TOOL AT: 4196.8'
 PACKER CE @ 4201.89'
 XO AT: 4205.6'
 TBG PUP AT: 4206.1'
 XN NIPPLE AT: 4210.1'
 TOTAL STRING LENGTH: EOT @ 4212' KB

FRAC JOB

11/13/07	5663-5692'	Frac CPI sds w/ 130,809#s of 20/40 sand in 968 bbls of Lightning 17 fluid. Broke @ 1459 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1872 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2168 psi Calc Flush: ? Actual Flush: 5153 gals.
11/14/07	5272-5282'	Frac A3 sds w/ 34,743#s of 20/40 sand in 417 bbls of Lightning 17 fluid. Broke @ 3550 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1937 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2347 psi Calc Flush: ? Actual Flush: 4767 gals.
11/14/07	4974-4986'	Frac B.5 sds w/ 80,129#s of 20/40 sand in 625 bbls of Lightning 17 fluid. Broke @ 3658 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1721 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 1899 psi Calc Flush: ? Actual Flush: 4553 gals.
11/14/07	4913-4924'	Frac C sds w/ 40,150#s of 20/40 sand in 408 bbls of Lightning 17 fluid. Broke @ 1850 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2084 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 2483 psi Calc Flush: ? Actual Flush: 4368 gals.
11/14/07	4226-4250'	Frac GB4 sds w/ 124,267#s of 20/40 sand in 914 bbls of Lightning 17 fluid. Broke @ 1250 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1676 psi @ ave rate of 24.8 BPM. ISIP 1895 psi. Calc Flush: ? Actual Flush: 4158 gals.
08/03/12		Convert to Injection Well
08/06/12		Conversion MIT Finalized - update tbg detail



PERFORATION RECORD

11/08/07	5663-5692'	4 JSPF	116 holes
11/13/07	5272-5282'	4 JSPF	40 holes
11/14/07	4974-4986'	4 JSPF	48 holes
11/14/07	4913-4924'	4 JSPF	44 holes
11/14/07	4226-4250'	4 JSPF	96 holes

NEWFIELD

WEST POINT FEDERAL 6-18-9-16

1971' FNL & 1947' FWL
 SE/NW Section 18-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32997; Lease # UTU-74390

Attachment E-8

WEST POINT FED. 7-18-9-16

Spud Date: 05/22/07
 Put on Production: 06/29/07
 GL: 5902' KB: 5914'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (306.52')
 DEPTH LANDED: 318.37' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, cst 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 136 jts. (5935.87')
 DEPTH LANDED: 5949 12' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP: .41'

TUBING

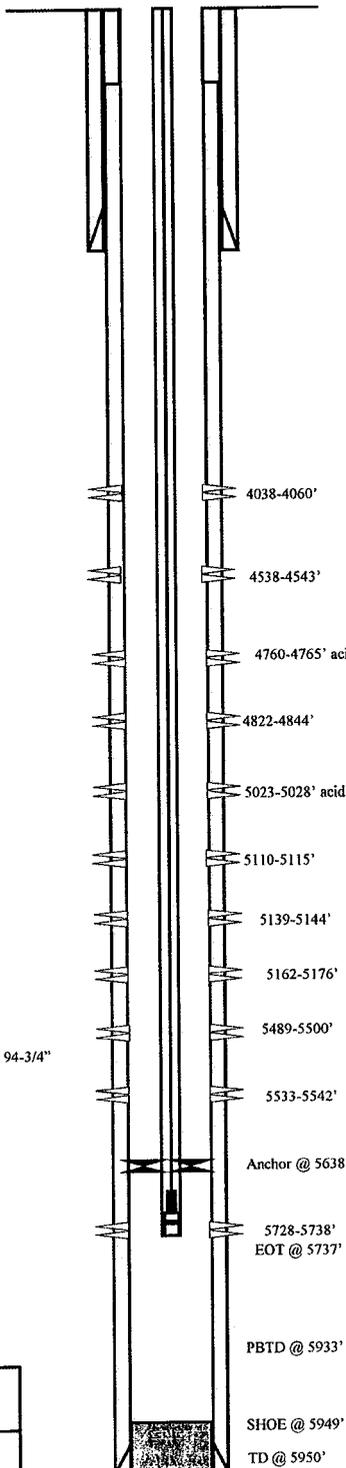
SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 181 jts (5638.00')
 TUBING ANCHOR: 5638' KB
 NO. OF JOINTS: 1 jts (31.7')
 SEATING NIPPLE: 2-7/8" (1 10')
 SN LANDED AT: 5673' KB
 NO. OF JOINTS: 2 jts (63.3')
 TOTAL STRING LENGTH: EOT @ 5737' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 1-2' & 1-6' x 3/4" pony rods, 98-3/4" guided rods, 94-3/4" sucker rods, 28-3/4" guided rods, 6-1 1/2" sinker bars.
 PUMP SIZE: CDI 2-1/2" x 1-1/4" x 16' x 20' RHAC
 STROKE LENGTH: 120"
 PUMP SPEED: 4 SPM.

FRAC JOB

06/21/07	5728-5738'	Frac CP5 sands as follows: 18787# 20/40 sand in 302 bbls Lightning 17 frac fluid. Treated @ avg press of 2145 psi w/avg rate of 24.7 BPM. ISIP 2180 psi. Calc flush: 5726 gal. Actual flush: 5250 gal.
06/21/07	5489-5542'	Frac CP2 & CPI sands as follows: 79580# 20/40 sand in 611 bbls Lightning 17 frac fluid. Treated @ avg press of 2144 psi w/avg rate of 24.7 BPM. ISIP 2255 psi. Calc flush: 5531 gal. Actual flush: 4998 gal.
06/21/07	5110-5176'	Frac LODC sands as follows: 90131# 20/40 sand in 670 bbls Lightning 17 frac fluid. Treated @ avg press of 2615 psi w/avg rate of 24 BPM. ISIP 2629 psi. Calc flush: 5108 gal. Actual flush: 4662 gal.
06/21/07	5023-5028'	Perf. A3 sands/Acid. Spotted acid twice on perf's, perf's still won't break down.
06/21/07	4822-4844'	Frac B2 sands as follows: 125067# 20/40 sand in 861 bbls Lightning 17 frac fluid. Treated @ avg press of 1972 psi w/avg rate of 24.8 BPM. ISIP 2227 psi. Calc flush: 4820 gal. Actual flush: 4368 gal
06/21/07	4760-4765'	Perf. B.5 sands/Acid. Spotted acid on perf's, perf's still won't break down.
06/22/07	4538-4543'	Frac D1 sands as follows: 15108# 20/40 sand in 239 bbls Lightning 17 frac fluid. Treated @ avg press of 2126 psi w/avg rate of 24.7 BPM. ISIP 1935 psi. Calc flush: 4536 gal. Actual flush: 4074 gal
06/22/07	4760-4765' acid	FracCB4 sands as follows: 88792# 20/40 sand in 618 bbls Lightning 17 frac fluid. Treated @ avg press of 1713 psi w/avg rate of 24.8 BPM. ISIP 2050 psi. Calc flush: 4036 gal. Actual flush: 4032 gal
12/16/11		Pump Change. Rods & tubing updated



PERFORATION RECORD

Date	Interval	Tool	Holes
06/21/07	5728-5738'	4 JSPF	40 holes
06/21/07	5533-5542'	4 JSPF	36 holes
06/21/07	5489-5500'	4 JSPF	44 holes
06/21/07	5162-5176'	4 JSPF	56 holes
06/21/07	5139-5144'	4 JSPF	20 holes
06/21/07	5110-5115'	4 JSPF	20 holes
06/21/07	5023-5028'	4 JSPF	20 holes
06/21/07	4822-4844'	4 JSPF	88 holes
06/21/07	4760-4765'	4 JSPF	20 holes
06/22/07	4538-4543'	4 JSPF	20 holes
06/22/07	4038-4060'	4 JSPF	88 holes

NEWFIELD

WEST POINT FED. 7-18-9-16

1962'FNL & 1941' FEL
 SW/NE Section 18-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32919; Lease # UTU-74390

Monument Federal 42-18-9-16Y

Spud Date: 03/10/97
 Put on Production: 4/10/97
 GL: 6064' KB: 6078'

Initial Production: 23.5 BOPD,
 13.5 MCFPD, 1 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 DEPTH LANDED: 261'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" + 2% CaCl₂ + 1/4#/sx Cello Flake

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 138 jts (5859')
 DEPTH LANDED: 5869'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 145 sxs Prem Lite Plus + 10% gel₆/sx BA-981 + .5% sod met + 2#/sx Kol seal + 1/4#/sx Cello Flake

TUBING

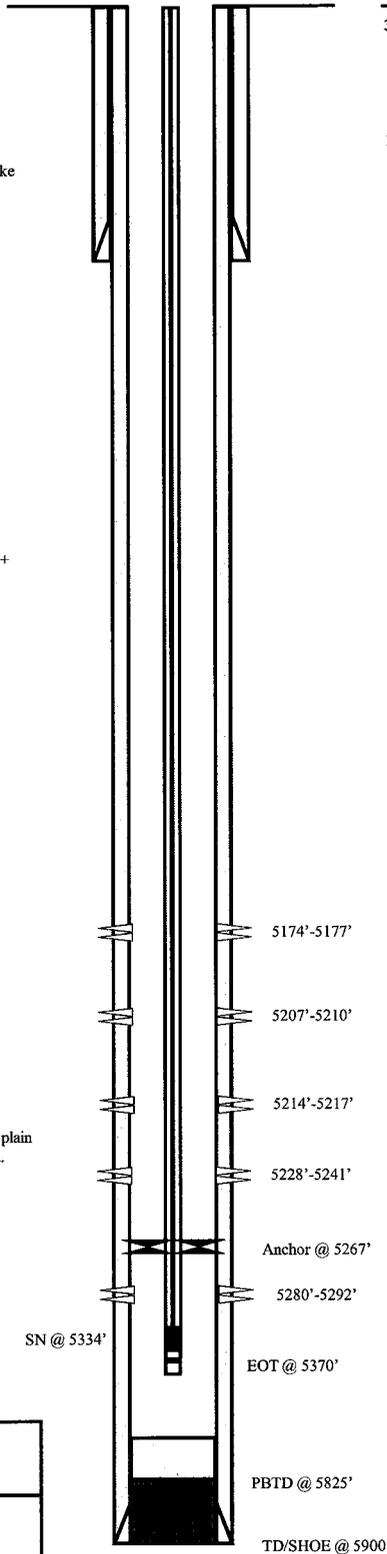
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 170 jts (5258.81')
 TUBING ANCHOR: 5268.81'
 NO. OF JOINTS: 2 jts (62.02')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5333.63' KB
 NO. OF JOINTS: 1 Perf sub (4.0')
 TOTAL STRING LENGTH: EOT @ 5370.19'

ROD STRING

POLISHED ROD: 1-1/4" x 22' SM
 SUCKER RODS: 4-1 1/2" weight bars; 10-3/4" scraped rods; 153-3/4" plain rods, 50-3/4" scraped rods, 1-3/4" plain rods, 2-4", 1-6' x 3/4" pony rod.
 PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 4
 LOGS: DLL, CNL/LDT, CBL/GR

FRAC JOB

3/27/97 5174'-5292' Frac G3, G4 sands as follows:
 30,600# 20/40 sand and 69,200# 16/30 sand in 719 bbl 2% KCL water. Avg. Treating pressure of 1850 psi @ 34.5 BPM, ISIP 1900 psi.
 10/27/04 Tubing Leak. Update rod and tubing details.



PERFORATION RECORD

3/26/97	5280'-5292'	2 JSPF	06 holes
3/26/97	5228'-5241'	2 JSPF	06 holes
3/26/97	5214'-5217'	2 JSPF	06 holes
3/26/97	5207'-5210'	2 JSPF	26 holes
3/26/97	5174'-5177'	2 JSPF	24 holes

NEWFIELD

Monument Federal 42-18-9-16Y
 2007 FNL & 388 FEL
 SE/NE Sec. 18, T9S R16E
 Duchesne, County
 API# 43-013-31724; Lease# UTU-74390

Monument Federal 31-18-9-16

Spud Date: 02/13/97
 Put on Production: 3/17/97
 GL: 5884' KB: 5895'

Initial Production: 50 BOPD,
 58 MCFPD, 0 BWPD

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6 jts. (249.75')
 DEPTH LANDED: 260' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 185 sxs Class "G". Circulate 4 bbls. cement to surface.

PRODUCTION CASING

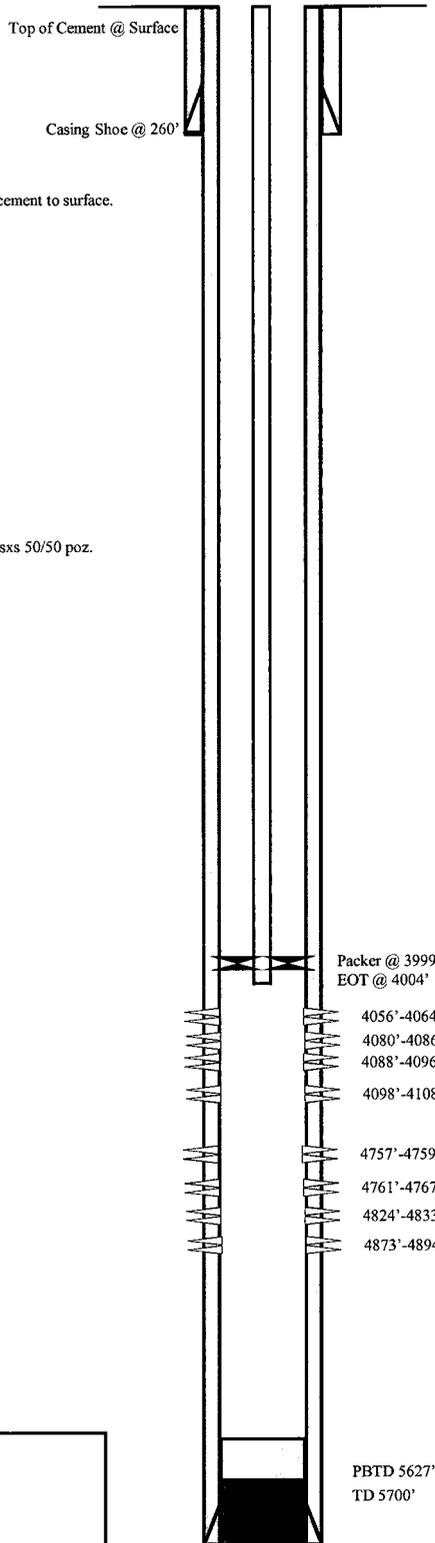
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 133 jts. (5664.68')
 DEPTH LANDED: 5675' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 250 sxs Prem Lite Plus. Tail w/ 570 sxs 50/50 poz. Circulate 15 bbls. cement to surface.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 128 jts (3985.1')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 3995.1'
 CE @ 3999.47'
 TOTAL STRING LENGTH: EOT @ 4004'

FRAC JOB

3/03/97	4757'-4894'	Frac as follows: 116,740# 16/30 sand in 839 bbl 2% KCL frac fluid. Average treating press. 2300 psi @ 41 bpm. ISIP 2250 psi.
3/06/97	4056'-4108'	Frac as follows: 110,110# 16/30 sand in 730 bbl 2% KCL frac fluid. Average treating press. 1950 psi @ 26.7 bpm. ISIP 2100 psi.
8/28/00		Pump change. Update rod and tubing details.
11/9/05		Pump change. Update rod and tubing details.
8/17/07		Pump change. Update rod & tubing detail.
03/22/12		Convert to Injection Well
03/28/12		Conversion MIT Finalized -- update tbg detail



PERFORATION RECORD

Date	Interval	Tool	Holes
3/01/96	4873'-4894'	2 JSPF	22 holes
3/01/96	4824'-4833'	2 JSPF	18 holes
3/01/96	4761'-4767'	2 JSPF	12 holes
3/01/96	4757'-4759'	2 JSPF	06 holes
3/05/96	4098'-4108'	4 JSPF	40 holes
3/05/96	4088'-4096'	4 JSPF	32 holes
3/05/96	4080'-4086'	4 JSPF	24 holes
3/05/96	4056'-4064'	4 JSPF	32 holes



Monument Federal 31-18-9-16
 648' FNL & 1992' FEL
 NWNE Section 18-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31725; Lease #UTU-74390

GMBU V-7-9-16

Spud Date: 11/18/2011
 PWOP: 01/06/2012
 GL: 5887' KB: 5897'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (317.3')
 DEPTH LANDED: 327.61' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

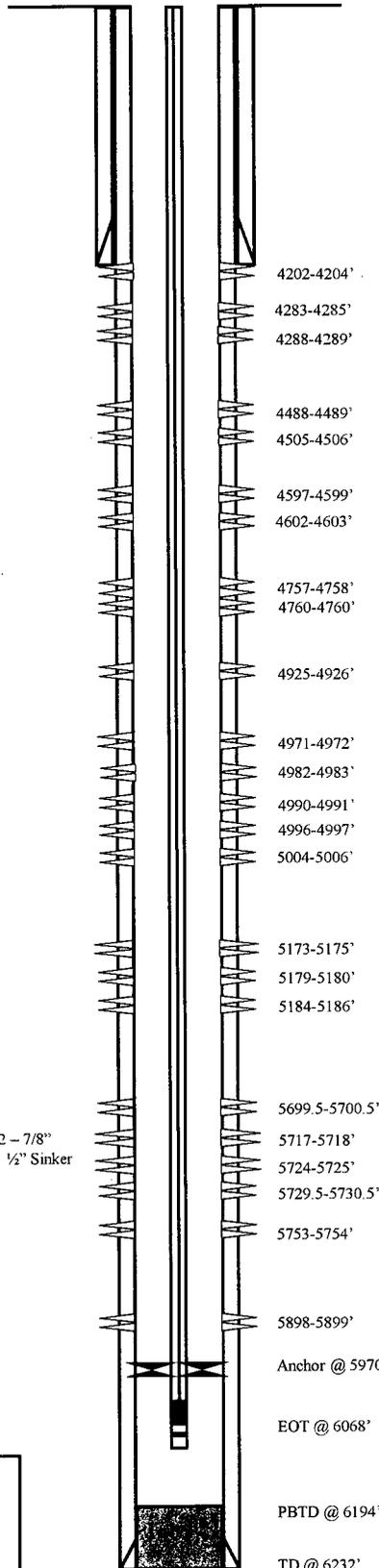
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 147 jts. (6203.21') Includes Shoe Joint (21.74')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 6218.82' KB
 CEMENT DATA: 235 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 67'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 188 jts. (5960.)
 TUBING ANCHOR: 5970.' KB
 NO. OF JOINTS: 1 jt. (31.3')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 6004.1' KB
 NO. OF JOINTS: 2 jts. (62.6')
 NOTCHED COLLAR: 6067.8' KB
 TOTAL STRING LENGTH: EOT @ 6068'

SUCKER RODS

POLISHED ROD: 1-1/2" x 30' Spray Metal Polished Rod
 SUCKER RODS: 1 - 7/8" x 2' Pony Rod, 1 - 7/8" x 6' Pony Rod, 72 - 7/8" 8per Guided Rods (1800'), 156 - 3/4" 4per Guided Rods (3900'), 5 - 1 1/2" Sinker Bars (125'), 5 - 1" Stabilizer Bars (20')
 PUMP SIZE: 2 1/2" x 1 3/4" x 20" x 24' RHAC
 STROKE LENGTH: 144"
 PUMP SPEED: 5 SPM



FRAC JOB

12/14/2011 5700-5899' **Frac CP1, CP2 & CP4, sands as follows:**
 Frac with 39522# 20/40 white sand in 487 bbls lightning 17 fluid; 691 bbls total fluid to recover.

12/22/2011 5173-5186' **Frac A1, sands as follows:**
 Frac with 30094# 20/40 white sand in 242 bbls lightning 17 fluid; 386 bbls total fluid to recover.

12/22/2011 4925-5006' **Frac B.5, Bi-Carb & C, sands as follows:**
 Frac with 60536# 20/40 white sand in 471 bbls lightning 17 fluid; 589 bbls total fluid to recover.

12/22/2011 4488-4760' **Frac D1, PB10 & X-stray, sands as follows:**
 Frac with 90078# 20/40 white sand in 660 bbls lightning 17 fluid; 767 bbls total fluid to recover.

12/22/2011 4202-4289' **Frac GB2 & GB6, sands as follows:**
 Frac with 36666# 20/40 white sand in 307 bbls lightning 17 fluid; 385 bbls total fluid to recover.

PERFORATION RECORD

Depth	Tool Joint	Perforation Type	Holes
5898-5899'	3	JSPF	3 holes
5753-5754'	3	JSPF	3 holes
5729.5-5730.5'	3	JSPF	3 holes
5724-5725'	3	JSPF	3 holes
5717-5718'	3	JSPF	3 holes
5699.5-5700.5'	3	JSPF	3 holes
5184-5186'	3	JSPF	6 holes
5179-5180'	3	JSPF	3 holes
5173-5175'	3	JSPF	6 holes
5004-5006'	3	JSPF	6 holes
4996-4997'	3	JSPF	3 holes
4990-4991'	3	JSPF	3 holes
4982-4983'	3	JSPF	3 holes
4971-4972'	3	JSPF	3 holes
4925-4926'	3	JSPF	3 holes
4760-4760'	3	JSPF	3 holes
4757-4758'	3	JSPF	3 holes
4602-4603'	3	JSPF	3 holes
4597-4599'	3	JSPF	6 holes
4505-4506'	3	JSPF	3 holes
4488-4489'	3	JSPF	3 holes
4288-4289'	3	JSPF	3 holes
4283-4285'	3	JSPF	6 holes
4202-4204'	3	JSPF	6 holes

NEWFIELD



GMBU V-7-9-16

661' FNL & 1979' FEL (NW/NE)
 Section 18, T9S, R16E
 Duchesne County, Utah
 API #43-013-50700; Lease # UTU-74390

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
 Well Name: **BELUGA INJECTION**
 Sample Point: **Comingled**
 Sample Date: **1/16/2012**
 Sample ID: **WA-205556**

Sales Rep: **Darren Betts**
 Lab Tech: **John Keel**

Scaling potential predicted using ScaleSoftPitzer from
 Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations	mg/L	Anions	mg/L
Test Date:	1/16/2012	Sodium (Na):	2975.08	Chloride (Cl):	3800.00
System Temperature 1 (°F):	300.00	Potassium (K):	10.00	Sulfate (SO4):	374.00
System Pressure 1 (psig):	1300.00	Magnesium (Mg):	12.50	Bicarbonate (HCO3):	1049.00
System Temperature 2 (°F):	70.00	Calcium (Ca):	28.00	Carbonate (CO3):	0.00
System Pressure 2 (psig):	14.70	Strontium (Sr):		Acetic Acid (CH3COO)	0.00
Calculated Density (g/ml):	1.00	Barium (Ba):	2.20	Propionic Acid (C2H5COO)	0.00
pH:	8.20	Iron (Fe):	0.50	Butanoic Acid (C3H7COO)	0.00
Calculated TDS (mg/L):	8252.18	Zinc (Zn):	0.40	Isobutyric Acid ((CH3)2CHCOO)	0.00
CO2 in Gas (%):	0.00	Lead (Pb):	0.30	Fluoride (F):	
Dissolved CO2 (mg/L):	0.00	Ammonia NH3:		Bromine (Br):	
H2S in Gas (%):		Manganese (Mn):	0.20	Silica (SiO2):	
H2S in Water (mg/L):	55.00				

Notes:

P=2.8

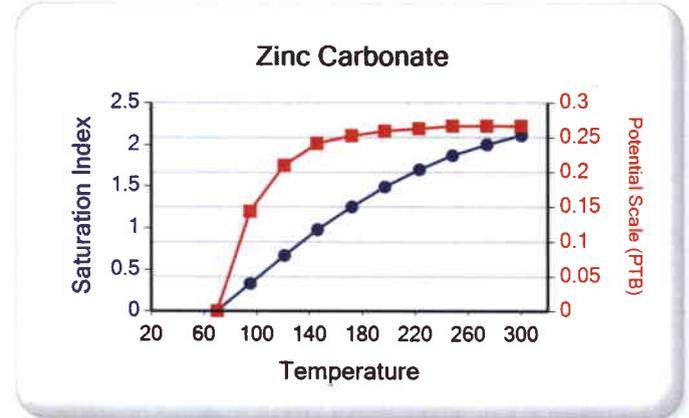
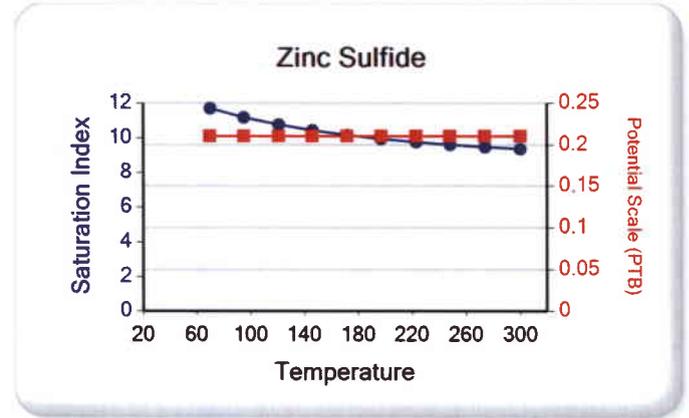
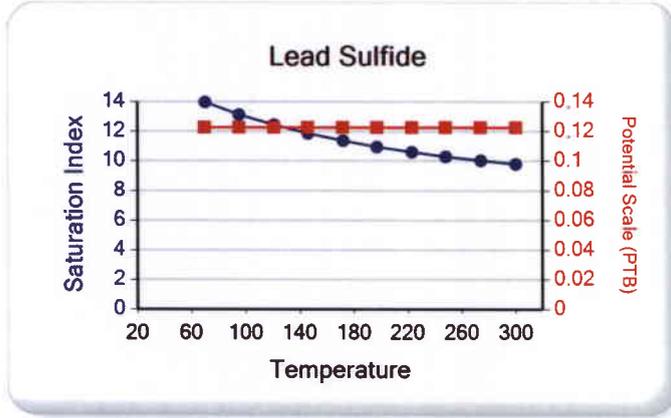
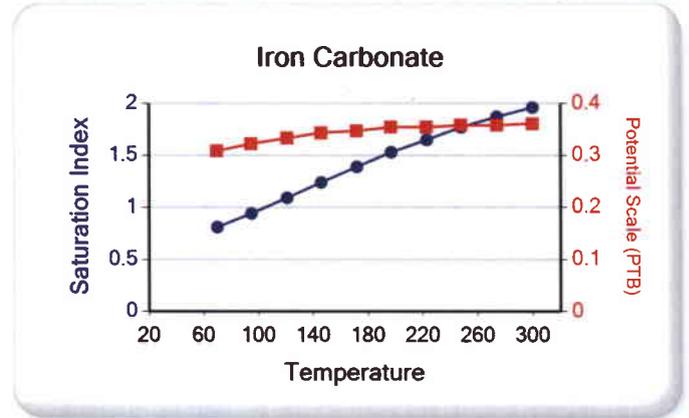
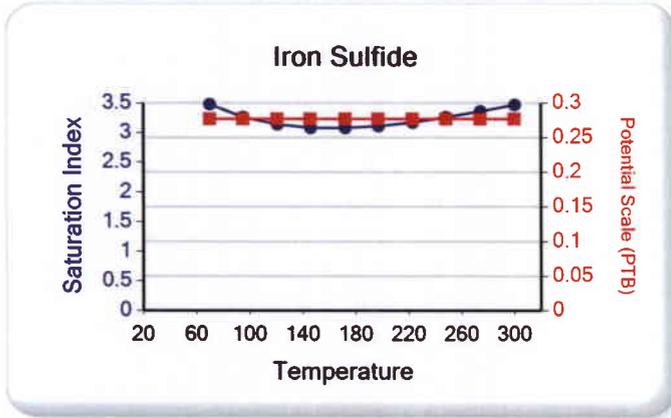
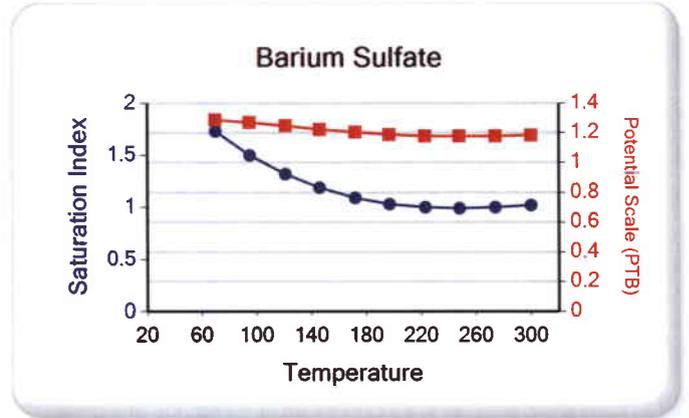
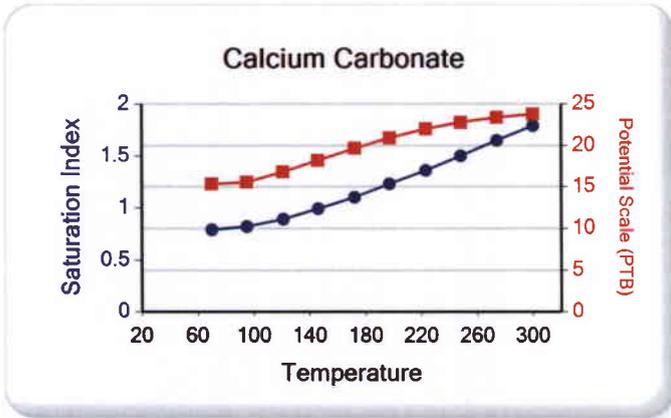
(PTB = Pounds per Thousand Barrels)

Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.79	15.32	1.73	1.29	3.48	0.28	0.81	0.31	0.00	0.00	0.00	0.00	0.00	0.00	11.70	0.21
95	157	0.82	15.56	1.50	1.27	3.26	0.28	0.94	0.32	0.00	0.00	0.00	0.00	0.00	0.00	11.18	0.21
121	300	0.89	16.81	1.32	1.25	3.14	0.28	1.09	0.33	0.00	0.00	0.00	0.00	0.00	0.00	10.77	0.21
146	443	0.99	18.22	1.19	1.22	3.08	0.28	1.24	0.34	0.00	0.00	0.00	0.00	0.00	0.00	10.44	0.21
172	585	1.10	19.64	1.09	1.21	3.08	0.28	1.39	0.35	0.00	0.00	0.00	0.00	0.00	0.00	10.16	0.21
197	728	1.23	20.92	1.03	1.19	3.11	0.28	1.53	0.35	0.00	0.00	0.00	0.00	0.00	0.00	9.94	0.21
223	871	1.36	21.98	1.00	1.18	3.17	0.28	1.65	0.35	0.00	0.00	0.00	0.00	0.00	0.00	9.76	0.21
248	1014	1.50	22.79	0.99	1.18	3.26	0.28	1.77	0.36	0.00	0.00	0.00	0.00	0.00	0.00	9.60	0.21
274	1157	1.65	23.37	1.00	1.18	3.36	0.28	1.87	0.36	0.00	0.00	0.00	0.00	0.00	0.00	9.47	0.21
300	1300	1.79	23.76	1.02	1.18	3.47	0.28	1.96	0.36	0.00	0.00	0.00	0.00	0.00	0.00	9.36	0.21

Temp (°F)	PSI	Hemihydrate CaSO4·0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.98	0.12	0.00	0.00	0.00	0.00	0.00	0.00
95	157	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.14	13.13	0.12	0.00	0.00	0.00	0.00	0.00	0.00
121	300	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.21	12.45	0.12	0.00	0.00	0.00	0.00	0.00	0.00
146	443	0.00	0.00	0.00	0.00	0.00	0.00	0.98	0.24	11.87	0.12	0.00	0.00	0.00	0.00	0.00	0.00
172	585	0.00	0.00	0.00	0.00	0.00	0.00	1.25	0.25	11.38	0.12	0.00	0.00	0.00	0.00	0.00	0.00
197	728	0.00	0.00	0.00	0.00	0.00	0.00	1.49	0.26	10.96	0.12	0.00	0.00	0.00	0.00	0.00	0.00
223	871	0.00	0.00	0.00	0.00	0.00	0.00	1.70	0.26	10.61	0.12	0.00	0.00	0.00	0.00	0.00	0.00
248	1014	0.00	0.00	0.00	0.00	0.00	0.00	1.87	0.27	10.30	0.12	0.00	0.00	0.00	0.00	0.00	0.00
274	1157	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.27	10.04	0.12	0.00	0.00	0.00	0.00	0.00	0.00
300	1300	0.00	0.00	0.00	0.00	0.00	0.00	2.11	0.27	9.80	0.12	0.00	0.00	0.00	0.00	0.00	0.00

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Lead Sulfide

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide



4 of 5

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
 Well Name: **FEDERAL 10-18-9-16**
 Sample Point: **Treater**
 Sample Date: **8/15/2012**
 Sample ID: **WA-222522**

Sales Rep: **Michael McBride**
 Lab Tech: **Gary Peterson**

Scaling potential predicted using ScaleSoftPitzer from
 Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations		Anions	
		mg/L		mg/L	
Test Date:	8/21/2012	Sodium (Na):	8296.24	Chloride (Cl):	12000.00
System Temperature 1 (°F):	120.00	Potassium (K):	37.00	Sulfate (SO4):	65.00
System Pressure 1 (psig):	60.0000	Magnesium (Mg):	6.10	Bicarbonate (HCO3):	1464.00
System Temperature 2 (°F):	210.00	Calcium (Ca):	7.80	Carbonate (CO3):	
System Pressure 2 (psig):	60.0000	Strontium (Sr):		Acetic Acid (CH3COO)	
Calculated Density (g/ml):	1.012	Barium (Ba):	18.80	Propionic Acid (C2H5COO)	
pH:	9.00	Iron (Fe):	23.10	Butanoic Acid (C3H7COO)	
Calculated TDS (mg/L):	21918.54	Zinc (Zn):	0.00	Isobutyric Acid ((CH3)2CHCOO)	
CO2 in Gas (%):		Lead (Pb):	0.00	Fluoride (F):	
Dissolved CO2 (mg/L):	0.00	Ammonia NH3:		Bromine (Br):	
H2S in Gas (%):		Manganese (Mn):	0.50	Silica (SiO2):	
H2S in Water (mg/L):	5.00				

Notes:

(PTB = Pounds per Thousand Barrels)

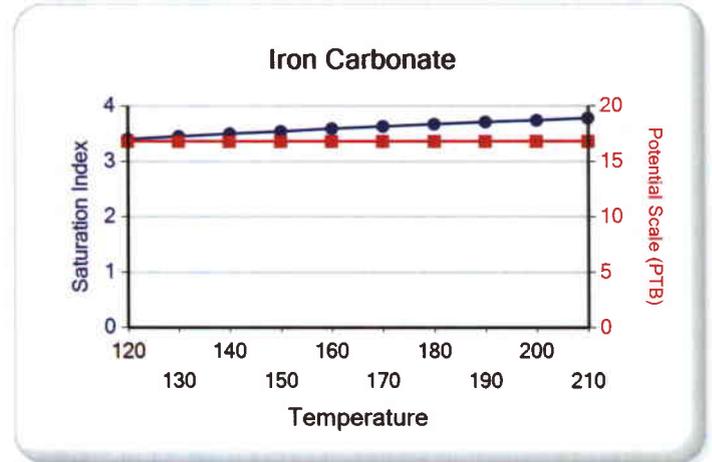
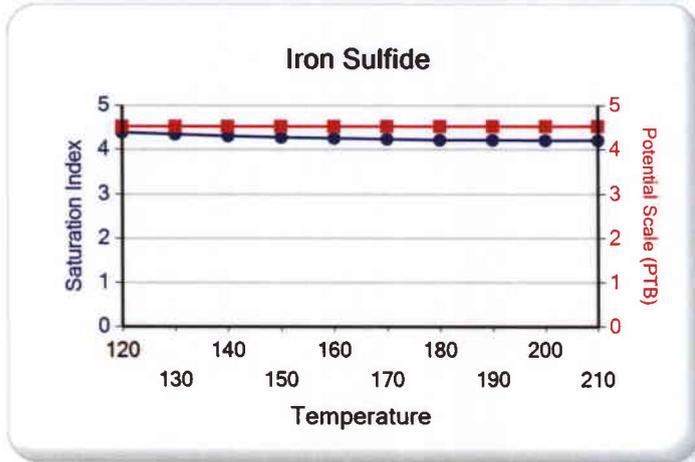
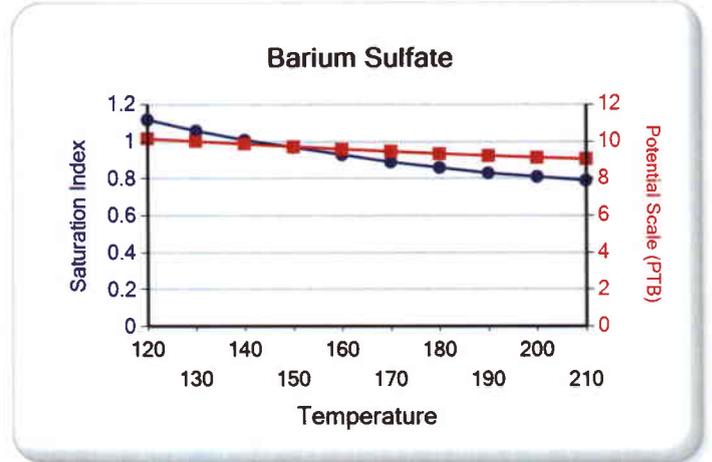
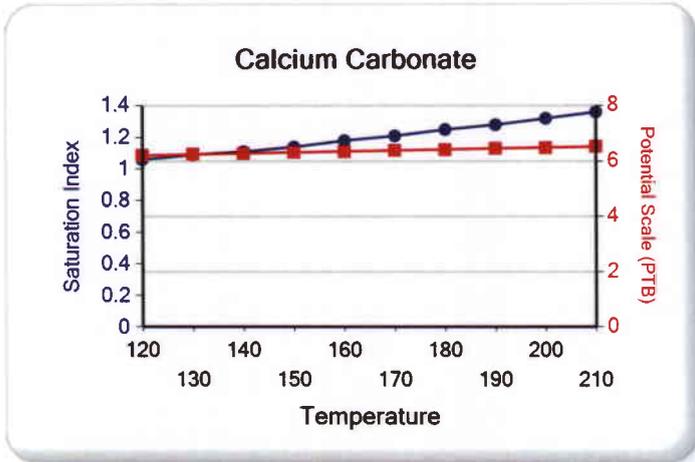
Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	1.36	6.51	0.79	9.05	4.21	4.52	3.78	16.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	60.00	1.32	6.48	0.81	9.13	4.21	4.52	3.74	16.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	60.00	1.28	6.45	0.83	9.23	4.22	4.52	3.71	16.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	60.00	1.25	6.42	0.86	9.34	4.22	4.52	3.67	16.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	1.21	6.38	0.89	9.46	4.24	4.52	3.63	16.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	1.18	6.35	0.93	9.59	4.26	4.52	3.59	16.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	60.00	1.14	6.31	0.97	9.73	4.28	4.52	3.54	16.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	60.00	1.11	6.27	1.01	9.87	4.31	4.52	3.50	16.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	60.00	1.09	6.24	1.06	10.01	4.35	4.52	3.45	16.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	1.06	6.20	1.12	10.16	4.39	4.52	3.40	16.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Temp (°F)	PSI	Hemihydrate CaSO4·0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Water Analysis Report

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate



Attachment "G"

**Federal #10-18-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5001	5013	5007	3789	1.19	3757
4785	4800	4793	2160	0.88	2129
4603	4653	4628	2165	0.90	2135
3967	4026	3997	1980	0.93	1954 ←
				Minimum	<u><u>1954</u></u>

Calculation of Maximum Surface Injection Pressure

$$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$$
 where pressure gradient for the fresh water is .433 psi/ft and specific gravity of the injected water is 1.015.

$$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.

Daily Activity Report

ATTACHMENT G-1

1 of 2

Format For Sundry

FEDERAL 10-18-9-16

4/1/2007 To 8/30/2007

6/13/2007 Day: 1

Completion

Rigless on 6/12/2007 - Instal 5K frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5830' & cement top @ 17'. Perforate stage #1, A3 sds @ 5001-13' w/ 3-1/8" Slick Guns (19 gram, .49"HE, 120°) w/ 4 spf for total of 48 shots. 139 bbls EWTR. SIFN.

6/19/2007 Day: 2

Completion

Rigless on 6/18/2007 - RU BJ Services "Ram Head" frac flange. RU BJ & frac A3 sds, stage #1 down casing w/ 50,726#'s of 20/40 sand in 445 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2270 psi. Treated @ ave pressure of 3230 @ ave rate of 24.2 bpm w/ 6.5 ppg of sand (didn't go to 8 ppg due to pressure). Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 3789. Leave pressure on well. RU Perforators LLC. WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" solid (6K) composite frac plug & 15' perf gun. Set plug @ 4900'. Perforate B2 sds @ 4785-4800' w/ 3-1/8" Slick Guns (19 gram, .49"HE, 120°) w/ 4 spf for total of 60 shots. BJ broke down for 2 hours. RU BJ & frac stage #2 w/ 70,146#'s of 20/40 sand in 555 bbls of Lightning 17 frac fluid. Open well w/ 2065 psi on casing. Perfs broke down @ 3414 psi. Treated @ ave pressure of 3230 @ ave rate of 24.2 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2160. 1151 bbls EWTR. Leave pressure on well RU WLT. RIH w/ solid frac plug & 8' perf gun. Set plug @ 4720'. Perforate C sds @ 4645-53' w/ 4 spf for total of 32 shots. RU BJ & frac stage #3 w/ 46,884#'s of 20/40 sand in 409 bbls of Lightning 17 frac fluid. Open well w/ 1327 psi on casing. Perfs broke down @ 1889 psi. Treated @ ave pressure of 3230 @ ave rate of 24.2 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2165. 1560 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ flow through frac plug & 12' perf gun. Set plug @ 4150'. Perforate GB6 sds @ 4014-26', GB4 sds @ 3967-84' w/ 4 spf for total of 116 shots. RU BJ & frac stage #4 w/ 106,590#'s of 20/40 sand in 762 bbls of Lightning 17 frac fluid. Open well w/ 1577 psi on casing. Perfs broke down @ 2440 psi. Treated @ ave pressure of 1767 @ ave rate of 24.8 bpm w/ 8 ppg of sand. ISIP was 1980. 2322 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 5 hours & died w/ 400 bbls rec'd. SIFN.

6/20/2007 Day: 3

Completion

NC #3 on 6/19/2007 - MIRUSU. ND frac head & BOP. NU production head & BOP. RU rig floor. X- over to tbg eq. PU TIH w/ 4 3/4 chomp bit & 134- jts 2 7/8. Tag Plg @ 4150'. No fill. RU 4-Star power swivel. Drill out Plg. TIH w/ tbg to fill @ 4656'. Clean out fill & drill out Plg @ 4720'. TIH w/ tbg to fill @ 4810'. Clean out fill & drill out Plg @ 4900'. CWC. SDFD @ 6:30.

6/21/2007 Day: 4

Completion

NC #3 on 6/20/2007 - RU rig pump & CWC. TIH w/ tbg to fill @ 5713'. Clean out fill to PBTD @ 5860'. CWC. LD 3- jts 2 7/8. EOT @ 5775'. RU sandline to swab. IFL @ surface. Made 12 swab runs & recovered 145 bbls water w/ trace oil & no sand. FFL @ 1200'. RD sandline. TIH w/ 3- jts 2 7/8. No new fill. CWC. LD 26- jts 2 7/8. TOH

w/ 162- jts 2 7/8, & chomp bit. PU TIH w/ NC, 2- jts 2 7/8, SN, 1- jt 2 7/8, TA, 159- jts 2 7/8. SDFD @ 6:30. 2 of 2

6/22/2007 Day: 5

Completion

NC #3 on 6/21/2007 - RU rig pump & CWC. RD rig floor. ND BOP. Set TA w/ 15000 tension. NU wellhead. X- over to rod eq. PU TIH w/ 2 1/2 x 1 1/2 x 20 x 20 1/2 RHAC, 6- 1 1/2 wt bars, 20- 3/4 guided rods, 74- 3/4 plain rods, 98- 3/4 guided rods, 6', 4', x 3/4 pony rods, 1 1/2 x 26' polish rod. RU pumping unit. W/ tbg full stroke test rod pump w/ rig to 800 psi. Good test. RDMOSU @ 5:30. DID NOT POP DUE TO MECHANICAL PROBLEMS!

6/29/2007 Day: 6

Completion

NC #3 on 6/28/2007 - Mechanic repaired Ajax. POP 6/22/07. PLACED WELL ON PRODUCTION FINAL REPORT

Pertinent Files: Go to File List

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 3917'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 177' balance plug using 22 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 45 sx Class "G" cement down 5 ½" casing to 374'

The approximate cost to plug and abandon this well is \$42,000.

FEDERAL 10-18-9-16

Spud Date: 05/18/07
 Put on Production: 6/21/07
 GL: 5921' KB: 5933'

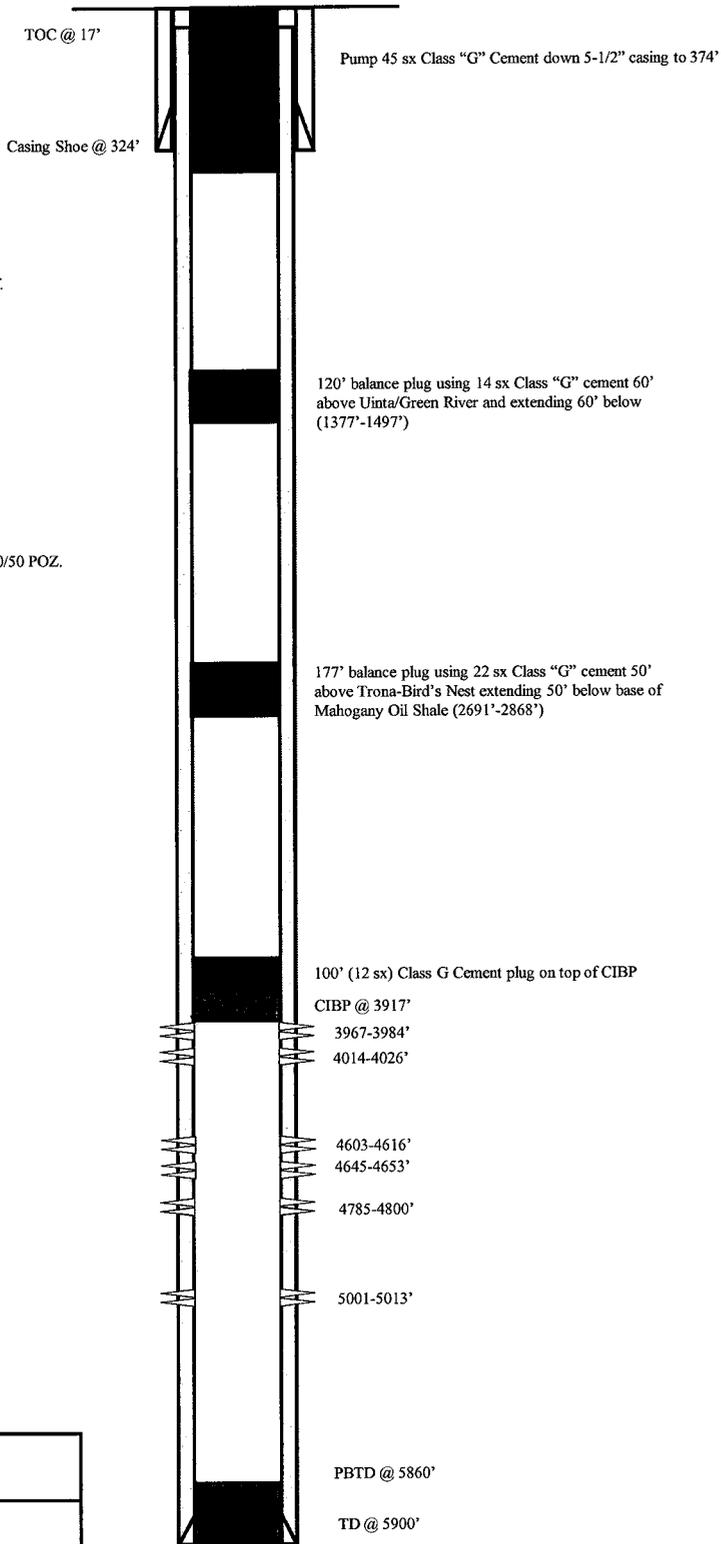
Proposed P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (314.33')
 DEPTH LANDED: 324.33' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, circ 2 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 135 jts. (5900.07')
 DEPTH LANDED: 5882.14' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP: 17' per CBL 6/13/7




FEDERAL 10-18-9-16 1988'FSL & 1938' FEL NW/SE Section 18-T9S-R16E Duchesne Co, Utah API #43-013-32921; Lease # UTU-64379

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC- 399

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 18 AND 21, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone (303) 893-0102 for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Federal 10-18-9-16 well located in NW/4 SE/4, Section 18, Township 9 South, Range 16 East
API 43-013-32921

Federal 6-21-9-16 well located in SE/4 NW/4, Section 21, Township 9 South, Range 16 East
API 43-013-33021

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 15th day of October 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

Newfield Production Company
Federal 10-18-9-16, Federal 6-21-9-16
Cause No. UIC-399

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

SITLA
675 East 500 South, Suite 500
Salt Lake City, UT 84102-2818

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail legals@ubstandard.com

Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052



Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-399

From: Cindy Kleinfelter <classifieds@ubstandard.com>
To: Jean Sweet <jsweet@utah.gov>
Date: 10/17/2012 9:41 AM
Subject: Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-399

On 10/15/2012 1:53 PM, Jean Sweet wrote:

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary
Utah Div. of Oil, Gas & Mining
1594 West Temple, Suite 1210
Salt Lake City, UT
801-538-5329
jsweet@utah.gov

Received. Thanks. It will publish Oct. 23.
Cindy



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

October 15, 2012

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-399

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

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Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



From: "Fultz, Mark" <naclegal@mediaoneutah.com>
To: <jsweet@utah.gov>
Date: 10/15/2012 2:08 PM
Subject: Proof for Public Notice
Attachments: OrderConf.pdf

AD# 831104
Run SL Trib & Des News 10/17
Cost \$206.60
Thank You

Order Confirmation for Ad #000831104-01

Client	DIV OF OIL-GAS & MINING	Payor Customer	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	9001402352	Payor Account	9001402352
Address	1594 W NORTH TEMP #1210,P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	Payor Address	1594 W NORTH TEMP #1210,P.O. BO SALT LAKE CITY, UT 84114
Fax	801-359-3940	Ordered By	Acct. Exec
EMAIL	earlenerussell@utah.gov	Jean	kstowe

Total Amount	\$206.60			
Payment Amt	\$0.00			
Amount Due	\$206.60	Tear Sheets	Proofs	Affidavits
		0	0	1

Payment Method **PO Number** No. UIC-399

Confirmation Notes:

Text: Jean

Ad Type	Ad Size	Color
Legal Liner	2.0 X 60 Li	<NONE>

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	10/17/2012	
Product	Placement	Position
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	10/17/2012	
Product	Placement	Position
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	10/17/2012	
Product	Placement	Position
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	10/17/2012	

Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC- 399

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 18 AND 21, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone (303) 893-0102 for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:
Federal 10-18-9-16 well located in NW/4 SE/4, Section 18, Township 9 South, Range 16 East
API 43-013-32921
Federal 6-21-9-16 well located in SE/4 NW/4, Section 21, Township 9 South, Range 16 East
API 43-013-33021

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 15th day of October 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager
831104

UPAKLP



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

October 15, 2012

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-399

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



4770 S. 5600 W.
 P.O. BOX 704005
 WEST VALLEY CITY, UTAH 84170
 FED. TAX I.D.# 87-0217663

The Salt Lake Tribune

MEDIAONE

Deseret News

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	10/17/2012

RECEIVED
 OCT 18 2012
 DIV. OF OIL, GAS & MINING

ACCOUNT NAME			
DIV OF OIL-GAS & MINING,			
TELEPHONE		ADORDER# / INVOICE NUMBER	
8015385340		0000831104 /	
SCHEDULE			
Start 10/17/2012		End 10/17/2012	
CUST. REF. NO.			
No. UIC-399			
CAPTION			
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES			
SIZE			
60	Lines	2.00	COLUMN
TIMES		RATE	
4			
MISC. CHARGES		AD CHARGES	
TOTAL COST			
206.60			

BEFORE THE DIVISION OF OIL, GAS AND MINING
 DEPARTMENT OF NATURAL RESOURCES
 STATE OF UTAH
 NOTICE OF AGENCY ACTION
 CAUSE NO. UIC-399

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 18 AND 21, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Dated this 15th day of October 2012.

STATE OF UTAH
 DIVISION OF OIL, GAS & MINING
 /s/ _____

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-399 IN THE MATTER OF THE APPLIC FOR DIV OF OIL-GAS & MINING, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAH.LEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAH.LEGALS.COM INDEFINATELY.

PUBLISHED ON Start 10/17/2012 End 10/17/2012

SIGNATURE [Signature]

10/17/2012

VIRGINIA CRAFT
 Notary Public, State of Utah
 Commission # 581489
 My Commission Expires
 January 12, 2014

[Signature]

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
 PLEASE PAY FROM BILLING STATEMENT

Send Payments to:
 Uintah Basin Standard
 268 S 200 E
 Roosevelt, Utah 84066
 Phone: 435-722-5131
 Fax: 435-722-4140



Invoice Number	36775	Invoice Date	10/23/2012
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Advertiser No.	2080	Invoice Amount	\$105.05	Due Date	11/22/2012
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DIVISION OF OIL GAS & MINING
 Rose Nolton
 1594 W. N.TEMPLE STE 121
 PO BOX 145801
 SALT LAKE CITY, UT 84114-5801

RECEIVED

OCT 26 2012

DIV. OF OIL GAS & MINING

1 1/2% fee will be charged to all past due balances.

Amount Enclosed

Please detach top portion and return with your payment.

INVOICE

Uintah Basin Standard		DIVISION OF OIL GAS & MINING			Invoice No. 36775	10/23/2012
Date	Order	Description	Ad Size	SubTotal	Sales Tax	Amount
10/23/2012	18491	UBS	UBS Legal Notice: Notice of Agency Action: Newfield , UIC-399 Pub. Oct. 23, 2012			\$105.05
					Sub Total:	\$105.05
					Total Transactions: 1	Total: \$105.05

SUMMARY Advertiser No. 2080 Invoice No. 36775

1 1/2% fee will be charged to all past due balances.

Thank You for your business!

Thank you for advertising with us, we appreciate your business!

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 23 day of October, 20 12, and that the last publication of such notice was in the issue of such newspaper dated the 23 day of October, 20 12, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

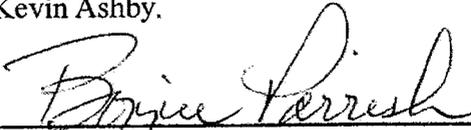


Publisher

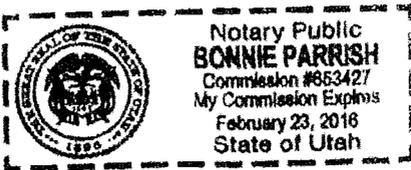
Subscribed and sworn to before me on this

24 day of October, 20 12

by Kevin Ashby.



Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC- 399

Continued from
previous page

STATE OF UTAH
DIVISION OF OIL,
GAS & MINING

/s/

Brad Hill
Permitting Manager
Published in the
Uintah Basin Standard
October 23, 2012.

BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH.

IN THE MATTER OF THE APPLICATION OF NEW-FIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 18 AND

21, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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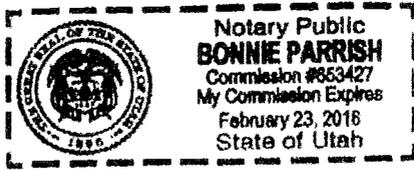
API 43-013-32921

Federal 6-21-9-16 well located in SE/4 NW/4, Section 21, Township 9 South, Range 16 East

API 43-013-33021

The proceeding will be conducted in accordance with Utah Admin. R649-10. Ad-

Notary Public



wells located in Garfield
County, Utah, for
conversion to Class II
injection wells:

Greater Monument
Butte Unit:

Federal 10-18-9-
16 well located in
NW/4 SE/4, Section
18, Township 9 South,
Range 16 East

API 43-013-32921

Federal 6-21-9-16
well located in SE/4
NW/4, Section 21,
Township 9 South,
Range 16 East

API 43-013-33021

The proceeding will
be conducted in ac-
cordance with Utah
Admin. R649-10, Ad-
ministrative Proce-
dures.

Selected zones in the
Green River Formation
will be used for water
injection. The maxi-
mum requested injec-
tion pressures and rates
will be determined
based on fracture gra-
dient information sub-
mitted by Newfield
Production Company.

Any person desir-
ing to object to the
application or oth-
erwise intervene in
the proceeding, must
file a written protest
or notice of interven-
tion with the Division
within fifteen days
following publication
of this notice. The Di-
vision's Presiding Of-
ficer for the proceeding
is Brad Hill, Permitting
Manager, at P.O. Box
145801, Salt Lake City,
UT 84114-5801, phone
number (801) 538-
5340. If such a protest
or notice of interven-
tion is received, a hear-
ing will be scheduled
in accordance with
the aforementioned
administrative pro-
cedural rules. Protes-
tants and/or interven-
ers should be prepared
to demonstrate at the
hearing how this matter
affects their interests.

Dated this 15th day
of October 2012.

Continued on next page

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Federal 10-18-9-16

Location: 18/9S/16E **API:** 43-013-32921

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 324 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,882 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 2,892 feet. A 2 7/8 inch tubing with a packer will be set at 3,917 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. Based on surface locations, there are 8 producing wells, 2 injection wells, and 1 temporarily abandoned well in the AOR. One of the producing wells is directionally drilled, with a surface location inside the AOR and a bottom hole location outside the AOR. In addition, there is 1 currently drilling directional well, with a surface location inside the AOR and a bottom hole location outside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2100 feet. Injection shall be limited to the interval between 3,827 feet and 5,860 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 10-18-9-16 well is 0.93 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,954 psig. The requested maximum pressure is 1,954 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Federal 10-18-9-16
page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date: 10/25/2012



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

November 26, 2012

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Federal 10-18-9-16, Section 18, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-32921

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 3,827 feet in the Federal 10-18-9-16 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

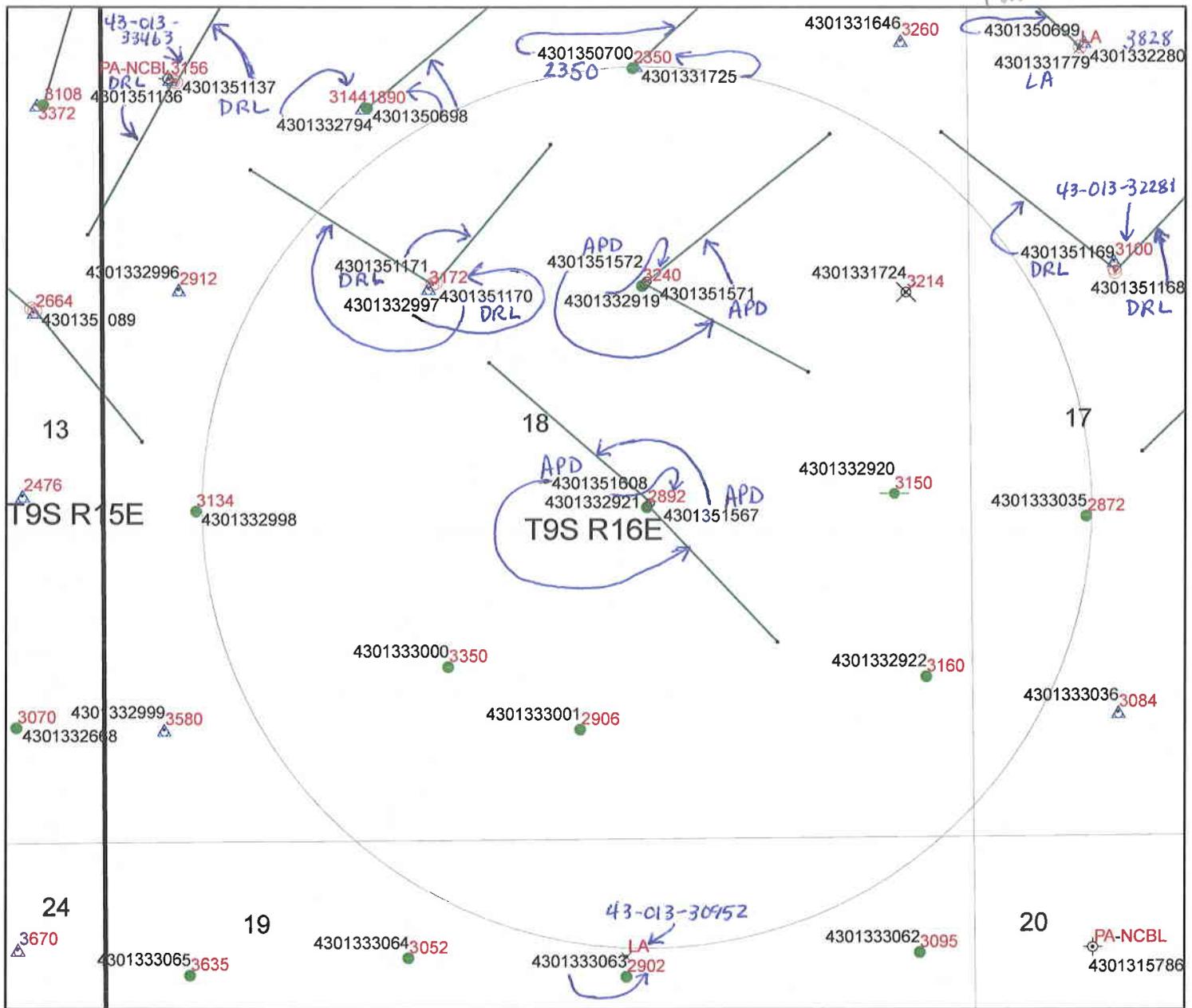
John Rogers
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton
Well File

N:\O&G Reviewed Docs\ChronFile\UIC





Cement Bond Tops
 FEDERAL 10-18-9-16
 API #43-013-32921
 UIC 399.1

Legend

- | | |
|--|---|
| Buffer_of_SGID93_ENERGY_DNROilGasWells_171 | PGW |
| SGID93_ENERGY_DNROilGasWells | POW |
| SGID93_ENERGY_DNROilGasWells | RET |
| GIS_STAT_TYPE | SGW |
| APD | SOW |
| DRL | TA |
| GIW | TW |
| GSW | WDW |
| LA | WIW |
| LOC | WSW |
| OPS | SGID93 BOUNDARIES Counties |
| PA | • SGID93_ENERGY_DNROilGasWells_HDBottom |
| | — SGID93_ENERGY_DNROilGasWells_HDPath |
| | • Wells-CbftopsMaster10_24_12 |



1870calc = approx cement top calculated from well completion report



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-399

Operator: Newfield Production Company
Well: Federal 10-18-9-16
Location: Section 18, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-32921
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on November 26, 2012.
2. Maximum Allowable Injection Pressure: 1,954 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,827' – 5,860')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:


John Rogers
Associate Director

10/21/2013
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
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.	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	8. WELL NAME and NUMBER: FEDERAL 10-18-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1988 FSL 1938 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 18 Township: 09.0S Range: 16.0E Meridian: S	9. API NUMBER: 43013329210000
PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE	STATE: UTAH

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

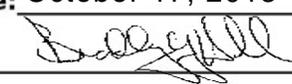
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/8/2013	<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="New Perforation"/>

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 10/07/2013. New interval perforated, D1 sands - 4515-4530' 3 JSPF. On 10/07/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/08/2013 the casing was pressured up to 1680 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 State representative available to witness the test.

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

Date: October 17, 2013

By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/10/2013	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 10/8/13 Time 9:00 am pm

Test Conducted by: Britt Jensen

Others Present: _____

Well: 10-18-9-16 Federal

Field: GMBU

Well Location: NW/SE Sec. 18, T9S, R16E

API No: 43-013-32921

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1680</u>	psig
5	<u>1680</u>	psig
10	<u>1680</u>	psig
15	<u>1680</u>	psig
20	<u>1680</u>	psig
25	<u>1680</u>	psig
30 min	<u>1680</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 0 psig

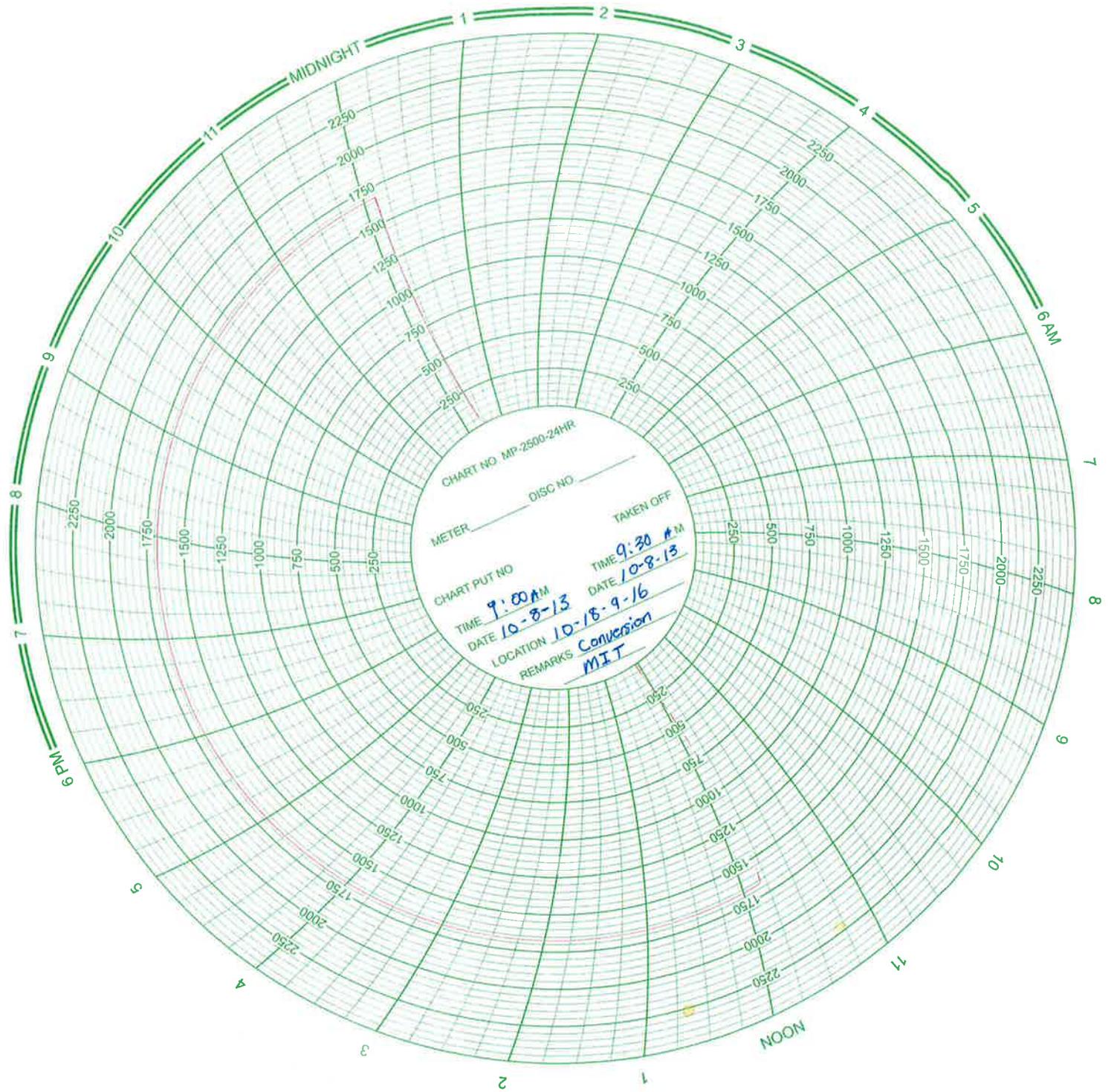
Result:

Pass

Fail

Signature of Witness: _____

Signature of Person Conducting Test: Britt Jensen



Daily Activity Report

Format For Sundry

FEDERAL 10-18-9-16**8/1/2013 To 12/30/2013****10/1/2013 Day: 1****Conversion**

on 10/1/2013 - MIRUSU, Soft seat & test tbg, Good test, TOO H w/ rods, ND wellhead, NU BOPs, Release TAC, Start out of hole breaking & doping. - Travel time / JSP MEETING - L.D. RODS - MOVE FROM THE 4-19-4-1E (23 MILES) - Travel time - POOH w/ 48-JNTS TBG, BREAKING, CLEANING, DOPING & TORQUING EACH CONNECTIONS, SWI, S.D.F.N. - N.D. WH & FLOWLINE, STRIP ON BOP'S, R.D. FLOOR, R.U. TONGS & HANDRAILS, HAD TROUBLE UNSETTING T/A, M.U. & RIH w/ 5-JNTS TBG TO MAKE SURE CLEAR BELOW BOTTOM PERFS, L.D. 5- JNTS TBG - L.D. POLISH ROD, 4'-6'-8' x 3/4" PONIES, 99-3/4" 4per, 74 -3/4" SLICK, 20-3/4" 4per, 6-1 1/2" WT BARS, PUMP - FLUSH TBG w/ 40 BW 250 DEG, SOFT SEAT PUMP, FILL TBG w/ 1 BW, PT TBG TO 3000#, GOOD TEST, UNSEAT PUMP - FLUSH CSG w/ 60 BW @ 250 DEG, SIRUSU, STRETCH LINES, UNHANG HORSE HEAD, UNSEAT PUMP - MOVE FROM THE 4-19-4-1E (23 MILES) - Travel time / JSP MEETING - L.D. RODS - Travel time - POOH w/ 48-JNTS TBG, BREAKING, CLEANING, DOPING & TORQUING EACH CONNECTIONS, SWI, S.D.F.N. - N.D. WH & FLOWLINE, STRIP ON BOP'S, R.D. FLOOR, R.U. TONGS & HANDRAILS, HAD TROUBLE UNSETTING T/A, M.U. & RIH w/ 5-JNTS TBG TO MAKE SURE CLEAR BELOW BOTTOM PERFS, L.D. 5- JNTS TBG - L.D. POLISH ROD, 4'-6'-8' x 3/4" PONIES, 99-3/4" 4per, 74 -3/4" SLICK, 20-3/4" 4per, 6-1 1/2" WT BARS, PUMP - FLUSH TBG w/ 40 BW 250 DEG, SOFT SEAT PUMP, FILL TBG w/ 1 BW, PT TBG TO 3000#, GOOD TEST, UNSEAT PUMP - FLUSH CSG w/ 60 BW @ 250 DEG, SIRUSU, STRETCH LINES, UNHANG HORSE HEAD, UNSEAT PUMP - MOVE FROM THE 4-19-4-1E (23 MILES) - Travel time / JSP MEETING - L.D. RODS - Travel time - POOH w/ 48-JNTS TBG, BREAKING, CLEANING, DOPING & TORQUING EACH CONNECTIONS, SWI, S.D.F.N. - N.D. WH & FLOWLINE, STRIP ON BOP'S, R.D. FLOOR, R.U. TONGS & HANDRAILS, HAD TROUBLE UNSETTING T/A, M.U. & RIH w/ 5-JNTS TBG TO MAKE SURE CLEAR BELOW BOTTOM PERFS, L.D. 5- JNTS TBG - L.D. POLISH ROD, 4'-6'-8' x 3/4" PONIES, 99-3/4" 4per, 74 -3/4" SLICK, 20-3/4" 4per, 6-1 1/2" WT BARS, PUMP - FLUSH CSG w/ 60 BW @ 250 DEG, SIRUSU, STRETCH LINES, UNHANG HORSE HEAD, UNSEAT PUMP - FLUSH TBG w/ 40 BW 250 DEG, SOFT SEAT PUMP, FILL TBG w/ 1 BW, PT TBG TO 3000#, GOOD TEST, UNSEAT PUMP **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$9,429**10/2/2013 Day: 2****Conversion**

on 10/2/2013 - Continue TOO H w/ prod. Tbg, RU perforators wireline & perf D-1 sands, Tally & PU N-80 tbg & WFT PKR & RBP, Test CSG & BOPs, TIH & isolate new D-1 pers & break down, Ready for frac - R.U. WIRELINE, RIH & PERFORATE D-1 SANDS, POOH & R.D. WIRELINE (PERFORATORS) - CONT TO POOH BREAKING, CLEANING, DOPING & TORQUING EACH CONNECTION (124 JNTS TOTAL), L.D. BOTTOM 35-JNTS TBG, T/A, 1-JNT TBG, S/N, 2-JNTS TBG, N/C - SPOT IN TBG TRAILER, PREP & TALLY TBG, M.U. & RIH w/ 5 1/2" RBP, ON/OFF RET. HEAD, 4' x 2 3/8" PUP JNT, 5 1/2" PKR, 2 7/8" S/N, 120-JNTS 2 7/8" N-80 WORK STRING, SET PLUG @ 3863' +/- TEST CSG & PIPE RAMS TO 1500#, GOOD TEST, UNSET PLUG, M.U. & RIH w/ TBG TO 4557' SET PLUG, STAND 2-JNTS BACK, SET PKR @ 4481' - Travel time / JSP MEETING - R.U. WIRELINE - Travel time / JSP MEETING - R.U. WIRELINE - Travel time - PSI UP TO # TO BREAK DOWN ZONE w/ HOT OILER, BLEED TBG OFF, PKR WOULDN'T RELEASE, POOH w/ 4-JNTS TRYING TO RELEASE PKR, PUMP DWN CSG UP TBG, FINALLY UNSET PKR, RIH w/ TBG, SWI, S.D.F.N. - Travel time - Travel time - PSI UP TO # TO BREAK DOWN ZONE w/ HOT OILER, BLEED TBG OFF, PKR WOULDN'T RELEASE, POOH w/ 4-JNTS TRYING TO RELEASE PKR, PUMP DWN CSG UP TBG, FINALLY UNSET PKR, RIH w/ TBG,

SWI, S.D.F.N. - SPOT IN TBG TRAILER, PREP & TALLY TBG, M.U. & RIH w/ 5 1/2" RBP, ON/OFF RET. HEAD, 4' x 2 3/8" PUP JNT, 5 1/2" PKR, 2 7/8" S/N, 120-JNTS 2 7/8" N-80 WORK STRING, SET PLUG @ 3863' +/- TEST CSG & PIPE RAMS TO 1500#, GOOD TEST, UNSET PLUG, M.U. & RIH w/ TBG TO 4557' SET PLUG, STAND 2-JNTS BACK, SET PKR @ 4481' - R.U. WIRELINE, RIH & PERFORATE D-1 SANDS, POOH & R.D. WIRELINE (PERFORATORS) - CONT TO POOH BREAKING, CLEANING, DOPING & TORQUING EACH CONNECTION (124 JNTS TOTAL), L.D. BOTTOM 35-JNTS TBG, T/A, 1-JNT TBG, S/N, 2-JNTS TBG, N/C - Travel time / JSP MEETING - R.U. WIRELINE - PSI UP TO # TO BREAK DOWN ZONE w/ HOT OILER, BLEED TBG OFF, PKR WOULDN'T RELEASE, POOH w/ 4-JNTS TRYING TO RELEASE PKR, PUMP DWN CSG UP TBG, FINALLY UNSET PKR, RIH w/ TBG, SWI, S.D.F.N. - SPOT IN TBG TRAILER, PREP & TALLY TBG, M.U. & RIH w/ 5 1/2" RBP, ON/OFF RET. HEAD, 4' x 2 3/8" PUP JNT, 5 1/2" PKR, 2 7/8" S/N, 120-JNTS 2 7/8" N-80 WORK STRING, SET PLUG @ 3863' +/- TEST CSG & PIPE RAMS TO 1500#, GOOD TEST, UNSET PLUG, M.U. & RIH w/ TBG TO 4557' SET PLUG, STAND 2-JNTS BACK, SET PKR @ 4481' - R.U. WIRELINE, RIH & PERFORATE D-1 SANDS, POOH & R.D. WIRELINE (PERFORATORS) - CONT TO POOH BREAKING, CLEANING, DOPING & TORQUING EACH CONNECTION (124 JNTS TOTAL), L.D. BOTTOM 35-JNTS TBG, T/A, 1-JNT TBG, S/N, 2-JNTS TBG, N/C

Daily Cost: \$0

Cumulative Cost: \$25,819

10/4/2013 Day: 3**Conversion**

Nabors #1450 on 10/4/2013 - Frac perfs 4515-30 w/ 35k - R/U HES Frac 4515-30' w/ 35k flow back recovered 210 bbls SWIFN - R/U HES Frac 4515-30' w/ 35k flow back recovered 210 bbls SWIFN - R/U HES Frac 4515-30' w/ 35k flow back recovered 210 bbls SWIFN **Finalized**

Daily Cost: \$0

Cumulative Cost: \$72,419

10/8/2013 Day: 5**Conversion**

Nabors #1450 on 10/8/2013 - N/D BOP N/U wellhead pump 75 bbls pkr fluid set pkr w/ 15k tension, test ann. To 1400# for 30 min. (good) RDSUMOL - WAIT ON & THAW WELL OUT w/ HOT OILER, TBG & CSG 0# SIP - WAIT ON & THAW WELL OUT w/ HOT OILER, TBG & CSG 0# SIP - UNSET PKR, RIH & TAG SAND @ 4493', CLEAN OUT TO TOP OF PLUG @ 4583', CIRC CLEAN - UNSET PKR, RIH & TAG SAND @ 4493', CLEAN OUT TO TOP OF PLUG @ 4583', CIRC CLEAN - POOH & L.D. 143-JNTS 2 7/8" L-80 TBG, L.D. PLUG & PKR - POOH & L.D. 143-JNTS 2 7/8" L-80 TBG, L.D. PLUG & PKR - M.U. & RIH w/ 2 3/8" RE-ENTRY SHOE, 2 3/8" "XN" NIPPLE, 2 3/8" PUP JNT, 2 3/8" x 2 7/8" X-OVER, 5 1/2" ARROWSET PKR, ON/OFF TOOL, 2 7/8" SEAT NIPPLE, 124-JNTS 2 7/8" J-55 6.5" EUE TBG - M.U. & RIH w/ 2 3/8" RE-ENTRY SHOE, 2 3/8" "XN" NIPPLE, 2 3/8" PUP JNT, 2 3/8" x 2 7/8" X-OVER, 5 1/2" ARROWSET PKR, ON/OFF TOOL, 2 7/8" SEAT NIPPLE, 124-JNTS 2 7/8" J-55 6.5" EUE TBG - R.U. H/O, FLUSH TBG w/ 20 BW @ 250 DEG, FOLLOWED w/ 15 BW COLD, DROP S/V, FOLLOWED w/ 22 BW, PSI UPTO 3000#, BLEED AIR OFF, PUMP BACK UPTO 3000#, SWI, S.D.F.N. - R.U. H/O, FLUSH TBG w/ 20 BW @ 250 DEG, FOLLOWED w/ 15 BW COLD, DROP S/V, FOLLOWED w/ 22 BW, PSI UPTO 3000#, BLEED AIR OFF, PUMP BACK UPTO 3000#, SWI, S.D.F.N. - CHECK PSI - TBG 2500 psi, BLEED AIR OFF, PUMP UPTO 3000# HELD FOR 30 MIN (good) - CHECK PSI - TBG 2500 psi, BLEED AIR OFF, PUMP UPTO 3000# HELD FOR 30 MIN (good) - M.U. & RIH w/ 2" TRI-CO & RET. S/V, POOH & R.D. SANDLINE - M.U. & RIH w/ 2" TRI-CO & RET. S/V, POOH & R.D. SANDLINE - R.D. TONGS & HANDRAILS, R.U. FLOOR, N.D. BOP'S, N.U.4' PUP JNT & WH, LAND ON B1 FLANGE - R.D. TONGS & HANDRAILS, R.U. FLOOR, N.D. BOP'S, N.U.4' PUP JNT & WH, LAND ON B1 FLANGE - CIRC 60 BW w/ PKR FLUID, P.U. & SET PKR w/ 15,000# LAND ON INJECTION TREE, PT CSG TO 1400#psi, HELD FOR 30 MIN 0 LOSS - CIRC 60 BW w/ PKR FLUID, P.U. & SET PKR w/ 15,000# LAND ON INJECTION TREE, PT CSG TO 1400#psi, HELD FOR 30 MIN 0 LOSS - DROP LINES, R.D. WRAP LINES - DROP LINES, R.D. WRAP LINES -

WAIT ON & THAW WELL OUT w/ HOT OILER, TBG & CSG 0# SIP - WAIT ON & THAW WELL OUT w/ HOT OILER, TBG & CSG 0# SIP - UNSET PKR, RIH & TAG SAND @ 4493', CLEAN OUT TO TOP OF PLUG @ 4583', CIRC CLEAN - UNSET PKR, RIH & TAG SAND @ 4493', CLEAN OUT TO TOP OF PLUG @ 4583', CIRC CLEAN - POOH & L.D. 143-JNTS 2 7/8" L-80 TBG, L.D. PLUG & PKR - POOH & L.D. 143-JNTS 2 7/8" L-80 TBG, L.D. PLUG & PKR - M.U. & RIH w/ 2 3/8" RE-ENTRY SHOE, 2 3/8" "XN" NIPPLE, 2 3/8" PUP JNT, 2 3/8" x 2 7/8" X-OVER, 5 1/2" ARROWSET PKR, ON/OFF TOOL, 2 7/8" SEAT NIPPLE, 124-JNTS 2 7/8" J-55 6.5" EUE TBG - M.U. & RIH w/ 2 3/8" RE-ENTRY SHOE, 2 3/8" "XN" NIPPLE, 2 3/8" PUP JNT, 2 3/8" x 2 7/8" X-OVER, 5 1/2" ARROWSET PKR, ON/OFF TOOL, 2 7/8" SEAT NIPPLE, 124-JNTS 2 7/8" J-55 6.5" EUE TBG - R.U. H/O, FLUSH TBG w/ 20 BW @ 250 DEG, FOLLOWED w/ 15 BW COLD, DROP S/V, FOLLOWED w/ 22 BW, PSI UPTO 3000#, BLEED AIR OFF, PUMP BACK UPTO 3000#, SWI, S.D.F.N. - R.U. H/O, FLUSH TBG w/ 20 BW @ 250 DEG, FOLLOWED w/ 15 BW COLD, DROP S/V, FOLLOWED w/ 22 BW, PSI UPTO 3000#, BLEED AIR OFF, PUMP BACK UPTO 3000#, SWI, S.D.F.N. - CHECK PSI - TBG 2500 psi, BLEED AIR OFF, PUMP UPTO 3000# HELD FOR 30 MIN (good) - CHECK PSI - TBG 2500 psi, BLEED AIR OFF, PUMP UPTO 3000# HELD FOR 30 MIN (good) - M.U. & RIH w/ 2" TRI-CO & RET. S/V, POOH & R.D. SANDLINE - M.U. & RIH w/ 2" TRI-CO & RET. S/V, POOH & R.D. SANDLINE - R.D. TONGS & HANDRAILS, R.U. FLOOR, N.D. BOP'S, N.U.4' PUP JNT & WH, LAND ON B1 FLANGE - R.D. TONGS & HANDRAILS, R.U. FLOOR, N.D. BOP'S, N.U.4' PUP JNT & WH, LAND ON B1 FLANGE - CIRC 60 BW w/ PKR FLUID, P.U. & SET PKR w/ 15,000# LAND ON INJECTION TREE, PT CSG TO 1400#psi, HELD FOR 30 MIN 0 LOSS - CIRC 60 BW w/ PKR FLUID, P.U. & SET PKR w/ 15,000# LAND ON INJECTION TREE, PT CSG TO 1400#psi, HELD FOR 30 MIN 0 LOSS - DROP LINES, R.D. WRAP LINES - DROP LINES, R.D. WRAP LINES - WAIT ON & THAW WELL OUT w/ HOT OILER, TBG & CSG 0# SIP - WAIT ON & THAW WELL OUT w/ HOT OILER, TBG & CSG 0# SIP - UNSET PKR, RIH & TAG SAND @ 4493', CLEAN OUT TO TOP OF PLUG @ 4583', CIRC CLEAN - UNSET PKR, RIH & TAG SAND @ 4493', CLEAN OUT TO TOP OF PLUG @ 4583', CIRC CLEAN - POOH & L.D. 143-JNTS 2 7/8" L-80 TBG, L.D. PLUG & PKR - POOH & L.D. 143-JNTS 2 7/8" L-80 TBG, L.D. PLUG & PKR - M.U. & RIH w/ 2 3/8" RE-ENTRY SHOE, 2 3/8" "XN" NIPPLE, 2 3/8" PUP JNT, 2 3/8" x 2 7/8" X-OVER, 5 1/2" ARROWSET PKR, ON/OFF TOOL, 2 7/8" SEAT NIPPLE, 124-JNTS 2 7/8" J-55 6.5" EUE TBG - M.U. & RIH w/ 2 3/8" RE-ENTRY SHOE, 2 3/8" "XN" NIPPLE, 2 3/8" PUP JNT, 2 3/8" x 2 7/8" X-OVER, 5 1/2" ARROWSET PKR, ON/OFF TOOL, 2 7/8" SEAT NIPPLE, 124-JNTS 2 7/8" J-55 6.5" EUE TBG - R.U. H/O, FLUSH TBG w/ 20 BW @ 250 DEG, FOLLOWED w/ 15 BW COLD, DROP S/V, FOLLOWED w/ 22 BW, PSI UPTO 3000#, BLEED AIR OFF, PUMP BACK UPTO 3000#, SWI, S.D.F.N. - R.U. H/O, FLUSH TBG w/ 20 BW @ 250 DEG, FOLLOWED w/ 15 BW COLD, DROP S/V, FOLLOWED w/ 22 BW, PSI UPTO 3000#, BLEED AIR OFF, PUMP BACK UPTO 3000#, SWI, S.D.F.N. - CHECK PSI - TBG 2500 psi, BLEED AIR OFF, PUMP UPTO 3000# HELD FOR 30 MIN (good) - CHECK PSI - TBG 2500 psi, BLEED AIR OFF, PUMP UPTO 3000# HELD FOR 30 MIN (good) - M.U. & RIH w/ 2" TRI-CO & RET. S/V, POOH & R.D. SANDLINE - M.U. & RIH w/ 2" TRI-CO & RET. S/V, POOH & R.D. SANDLINE - R.D. TONGS & HANDRAILS, R.U. FLOOR, N.D. BOP'S, N.U.4' PUP JNT & WH, LAND ON B1 FLANGE - R.D. TONGS & HANDRAILS, R.U. FLOOR, N.D. BOP'S, N.U.4' PUP JNT & WH, LAND ON B1 FLANGE - CIRC 60 BW w/ PKR FLUID, P.U. & SET PKR w/ 15,000# LAND ON INJECTION TREE, PT CSG TO 1400#psi, HELD FOR 30 MIN 0 LOSS - CIRC 60 BW w/ PKR FLUID, P.U. & SET PKR w/ 15,000# LAND ON INJECTION TREE, PT CSG TO 1400#psi, HELD FOR 30 MIN 0 LOSS - DROP LINES, R.D. WRAP LINES - DROP LINES, R.D. WRAP LINES **Finalized**

Daily Cost: \$0

Cumulative Cost: \$127,704

10/9/2013 Day: 6

Conversion

Rigless on 10/9/2013 - Conduct initial MIT - On 10/07/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/08/2013 the casing was pressured up to 1680 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 a State representative available to witness the test. - On 10/07/2013 Chris

Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/08/2013 the casing was pressured up to 1680 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 a State representative available to witness the test. - On 10/07/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/08/2013 the casing was pressured up to 1680 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 a State representative available to witness the test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$152,438

Pertinent Files: Go to File List

FEDERAL 10-18-9-16

Spud Date: 05/18/07
 Put on Production: 6/21/07
 GL: 5921' KB: 5933'

Injection Wellbore Diagram

SURFACE CASING

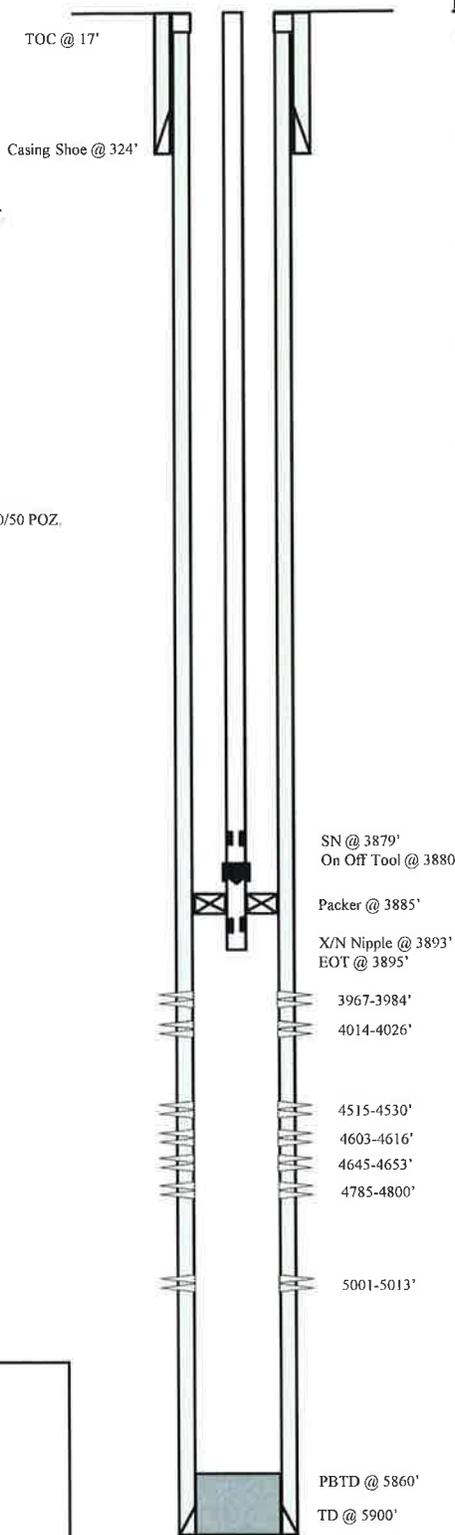
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (314.33')
 DEPTH LANDED: 324.33' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, circ 2 bbls to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 135 jts. (5900.07')
 DEPTH LANDED: 5882.14' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP: 17' per CBL 6/13/7

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 124 jts (3867.1')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 3879.1' KB
 ON/OFF TOOL AT: 3880.2'
 ARROW #1 PACKER CE AT: 3884.9'
 XO 2-3/8 x 2-7/8 J-55 AT: 3888.6'
 TBG PUP 2-3/8 J-55 AT: 3889.1'
 X/N NIPPLE AT: 3893.3'
 TOTAL STRING LENGTH: EOT @ 3894.89'



FRAC JOB

06/18/07 5001-5013' **Frac A3 sands as follows:**
 50726# 20/40 sand in 445 bbls Lightning 17 frac fluid. Treated @ avg press of 3230 psi w/avg rate of 24.2 BPM. ISIP 3789 psi. Calc flush: 4999 gal. Actual flush: 4536 gal.

06/18/07 4785-4800' **Frac B2 sands as follows:**
 70146# 20/40 sand in 555 bbls Lightning 17 frac fluid. Treated @ avg press of 3230 psi w/avg rate of 24.2 BPM. ISIP 2160 psi. Calc flush: 4783 gal. Actual flush: 4326 gal.

06/18/07 4603-4653' **Frac D3&C sands as follows:**
 46884# 20/40 sand in 409 bbls Lightning 17 frac fluid. Treated @ avg press of 3230 psi w/avg rate of 24.2 BPM. ISIP 2165 psi. Calc flush: 4601 gal. Actual flush: 4116 gal.

06/18/07 3967-4026' **Frac G4&6 sands as follows:**
 106590# 20/40 sand in 762 bbls Lightning 17 frac fluid. Treated @ avg press of 1767 psi w/avg rate of 24.8 BPM. ISIP 1980 psi. Calc flush: 3965 gal. Actual flush: 3864 gal.

02/25/10 **Pump Change** Rod & Tubing updated

10/03/13 4515-4530' **Frac D1 sands as follows:**
 35000# 20/40 sand in 314 bbls Lightning 17 frac fluid.

10/07/13 **Convert to Injection Well**

10/08/13 **Conversion MIT Finalized** - update tbg detail

PERFORATION RECORD

Date	Interval	JSPF	Holes
06/12/07	5001-5013'	4 JSPF	48 holes
06/18/07	4785-4800'	4 JSPF	60 holes
06/18/07	4645-4653'	4 JSPF	32 holes
06/18/07	4603-4616'	4 JSPF	52 holes
06/18/07	4014-4026'	4 JSPF	48 holes
06/18/07	3967-3984'	4 JSPF	68 holes
10/01/13	4515-4530'	3 JSPF	45 holes

NEWFIELD

FEDERAL 10-18-9-16
 1988'FSL & 1938' FEL
 NW/SE Section 18-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32921; Lease # UTU-64379

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
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.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: FEDERAL 10-18-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013329210000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1988 FSL 1938 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 18 Township: 09.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE COUNTY: DUCHESNE STATE: 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: 1/31/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The above reference well was put on injection at 8:40 AM on
01/31/2014.

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

Date: February 12, 2014
By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 2/10/2014