

NEWFIELD



February 10, 2006

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

RE: Applications for Permit to Drill: 7-8-9-16, 8-8-9-16, 9-8-9-16, 10-8-9-16, 15-8-9-16, and 16-8-9-16.

Dear Diana:

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

Sincerely,

A handwritten signature in cursive script that reads "Mandie Crozier".

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED

FEB 15 2006

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 15-8-9-16

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

9. API Well No.
43-013-33060

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

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

10. Field and Pool, or Exploratory
Monument Butte

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface SW/SE 703' FSL 1952' FEL 573358X 40.040088
At proposed prod. zone 4432351Y -110.140128

11. Sec., T., R., M., or Blk. and Survey or Area
SW/SE Sec. 8, T9S R16E

14. Distance in miles and direction from nearest town or post office*
Approximatley 13.5 miles southwest of Myton, Utah

12. County or Parish
Duchesne

13. State
UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 688' ff/lease, NA' ff/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. 1176'

19. Proposed Depth
6170'

20. BLM/BIA Bond No. on file
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5922' 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 *Mandie Crozier* Name (Printed/Typed) Mandie Crozier Date 2/10/06

Title Regulatory Specialist

Approved by (Signature) *Bradley G. Hill* Name (Printed/Typed) BRADLEY G. HILL Date 02-21-06

Title OFFICE ENVIRONMENTAL MANAGER

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

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

*(Instructions on reverse)

FEB 15 2006

Federal Approval of this
Action is Necessary

DIV. OF OIL, GAS & MIN.

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

NEWFIELD PRODUCTION COMPANY

N89°54'W - 80.06 (G.L.O.)

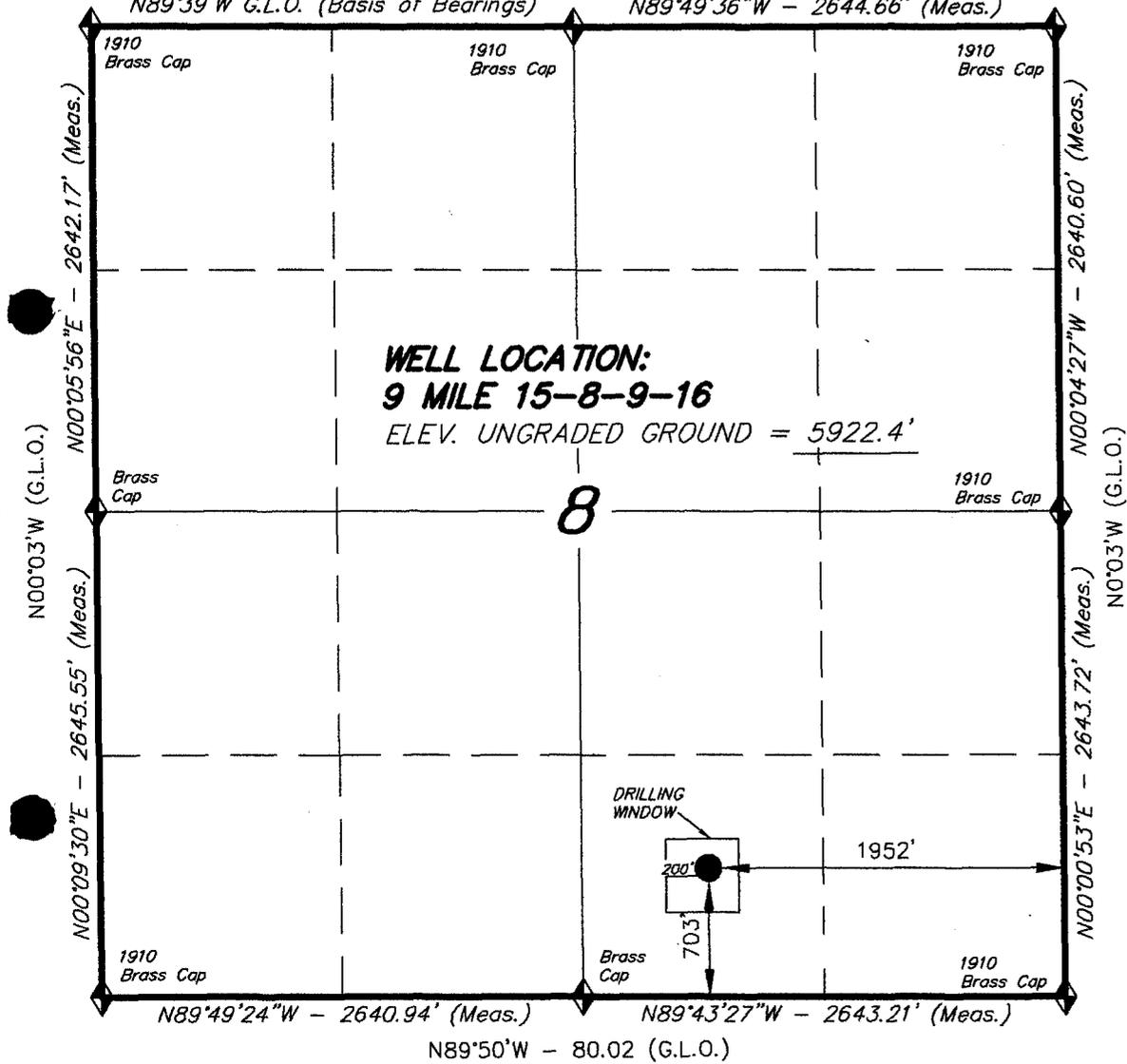
2648.63' (Measured)

N89°39'W G.L.O. (Basis of Bearings)

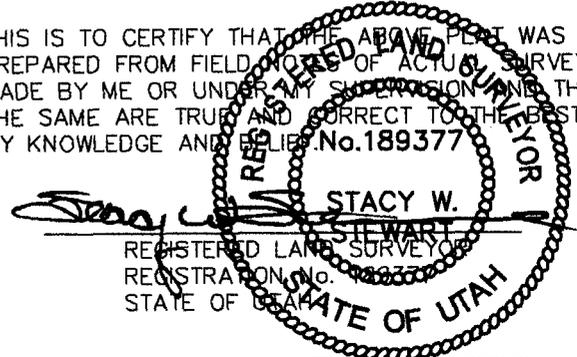
N89°49'36"W - 2644.66' (Meas.)

WELL LOCATION, 9 MILE 15-8-9-16,

LOCATED AS SHOWN IN THE SW 1/4 SE 1/4 OF SECTION 8, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



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



◆ = SECTION CORNERS LOCATED

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

9 MILE 15-8-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 02' 24.30"
 LONGITUDE = 110° 08' 26.67"

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

| | |
|---------------------------|-------------------|
| DATE SURVEYED: 1-20-06 | SURVEYED BY: C.M. |
| DATE DRAWN: 1-25-06 | DRAWN BY: M.W. |
| REVISED: | SCALE: 1" = 1000' |

NEWFIELD PRODUCTION COMPANY
FEDERAL #15-8-9-16
SW/SE SECTION 8, 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' – 2680' |
| Green River | 2680' |
| Wasatch | 6170' |

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

Green River Formation 2680' – 6170' - 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 #15-8-9-16
SW/SE SECTION 8, T9S, R18E
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 #15-8-9-16 located in the SW 1/4 SE 1/4 Section 8, 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 - 10.9 miles \pm to its junction with an existing road to the southeast; proceed southeasterly - 0.3 miles \pm to its junction with an existing road to the east; proceed easterly - 0.4 miles \pm to its junction with the beginning of the proposed access road; proceed northeasterly along the proposed access road - 1,570' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon.
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

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

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. Archaeological Report #1030-01, 4/23/98. Paleontological Resource Survey prepared by, Wade E. Miller, 11/10/05. See attached report cover pages, Exhibit "D".

For the Federal #15-8-9-16 Newfield Production Company requests a 640' ROW be granted in Lease UTU-74390 and 930' 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 a 640' ROW be granted in Lease UTU-74390 and 930' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed gas lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests a 640' ROW be granted in Lease UTU-74390 and 930' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

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

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

Threatened, Endangered, And Other Sensitive Species

Golden Eagle: Lease Notice Only.

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

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> | 12 lbs/acre |
|--------------------|----------------------------|-------------|

Details of the On-Site Inspection

The proposed Federal #15-8-9-16 was on-sited on 10/25/05. The following were present; Shon Mckinnon (Newfeild Production), Byron Tolman (Bureau of Land Management), and Todd MaGrath (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 #15-8-9-16 SW/SE Section 8, 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.

2/10/06

Date

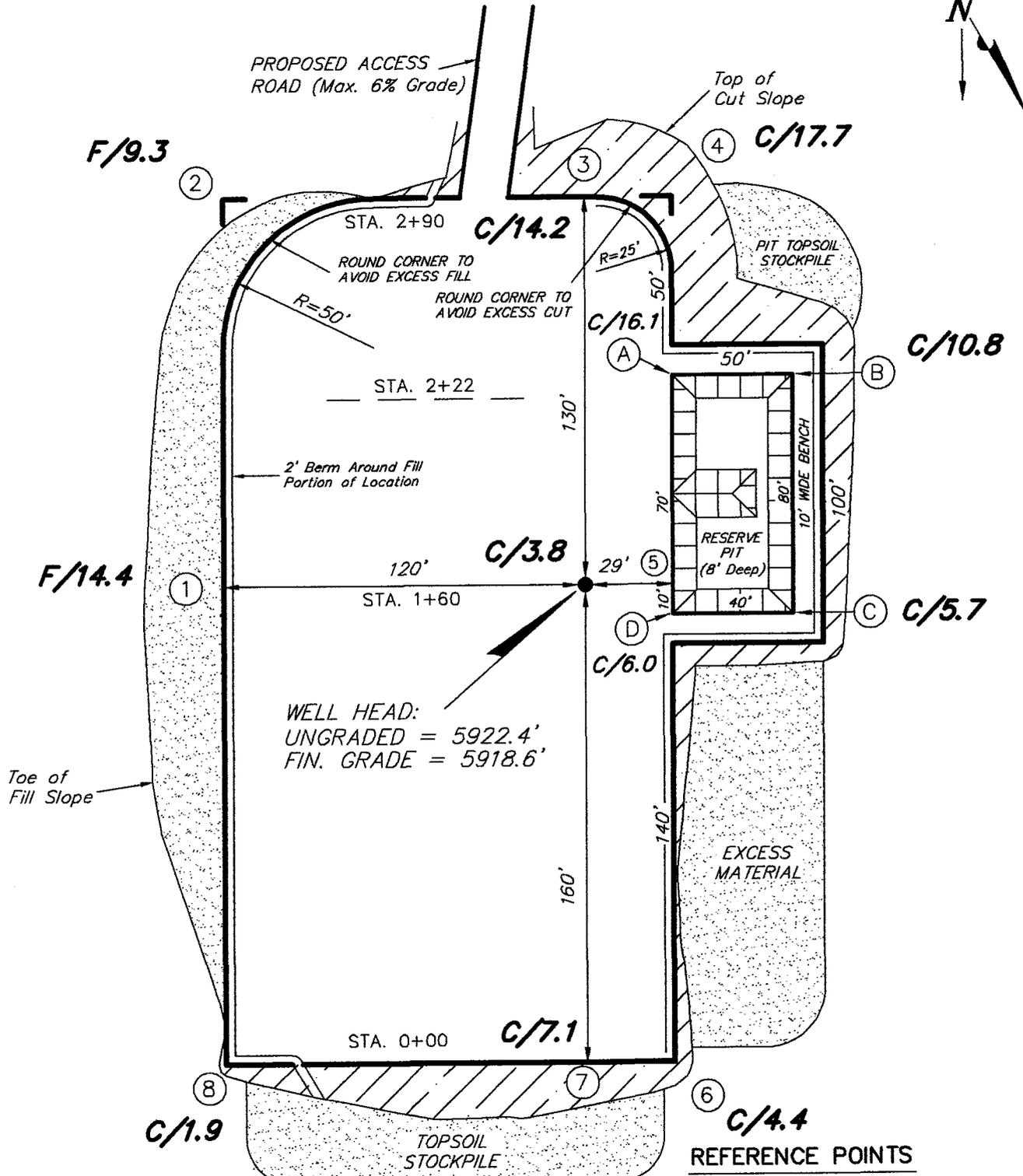
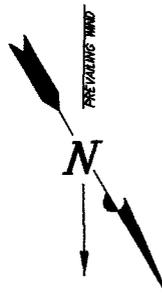


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 15-8-9-16

Section 8, T9S, R16E, S.L.B.&M.



REFERENCE POINTS

| | |
|--------------------|-----------|
| 210' NORTHEASTERLY | = 5934.0' |
| 260' NORTHEASTERLY | = 5936.7' |
| 170' SOUTHEASTERLY | = 5898.1' |
| 220' SOUTHEASTERLY | = 5892.6' |

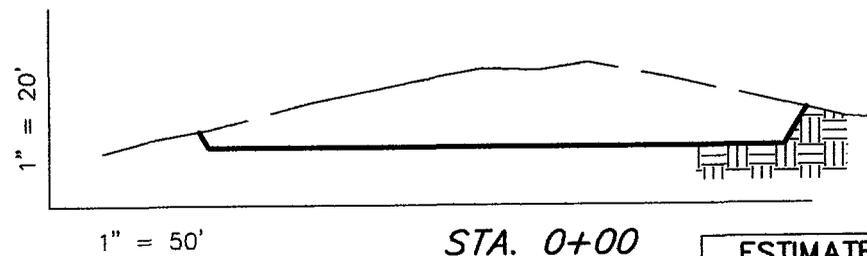
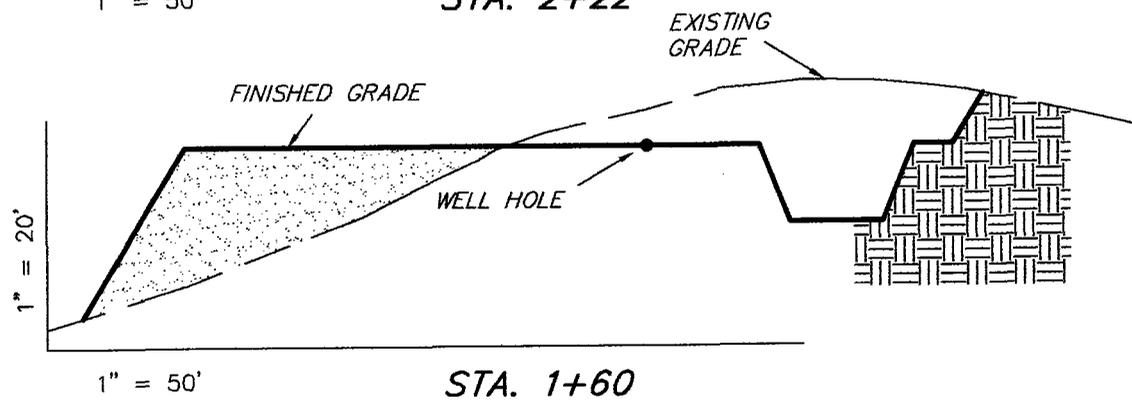
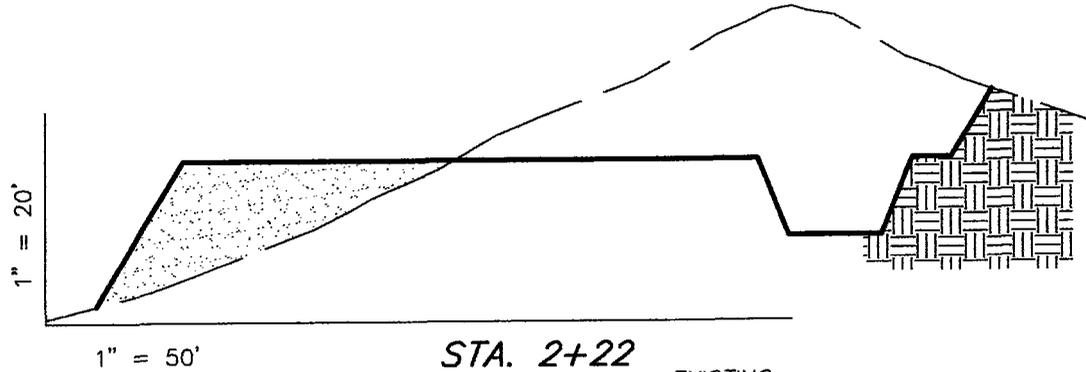
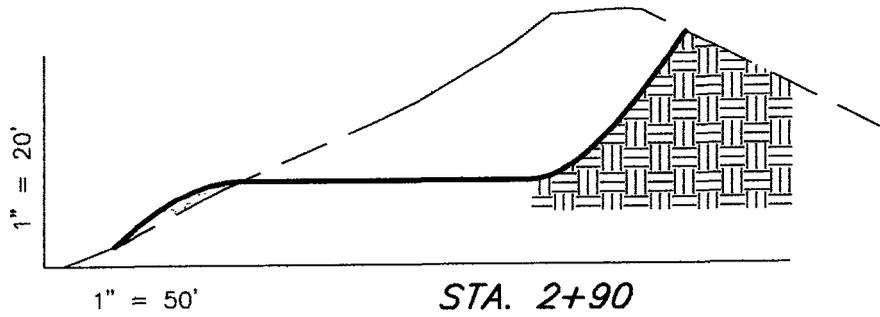
| | |
|-------------------|-----------------|
| SURVEYED BY: C.M. | SCALE: 1" = 50' |
| DRAWN BY: M.W. | DATE: 1-25-06 |

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

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 15-8-9-16



| ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards) | | | | |
|---|--------------|--------------|--|------------|
| ITEM | CUT | FILL | 6" TOPSOIL | EXCESS |
| PAD | 6,490 | 6,470 | Topsoil is not included in Pad Cut | 20 |
| PIT | 640 | 0 | | 640 |
| TOTALS | 7,130 | 6,470 | 1,120 | 660 |

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

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: M.W.

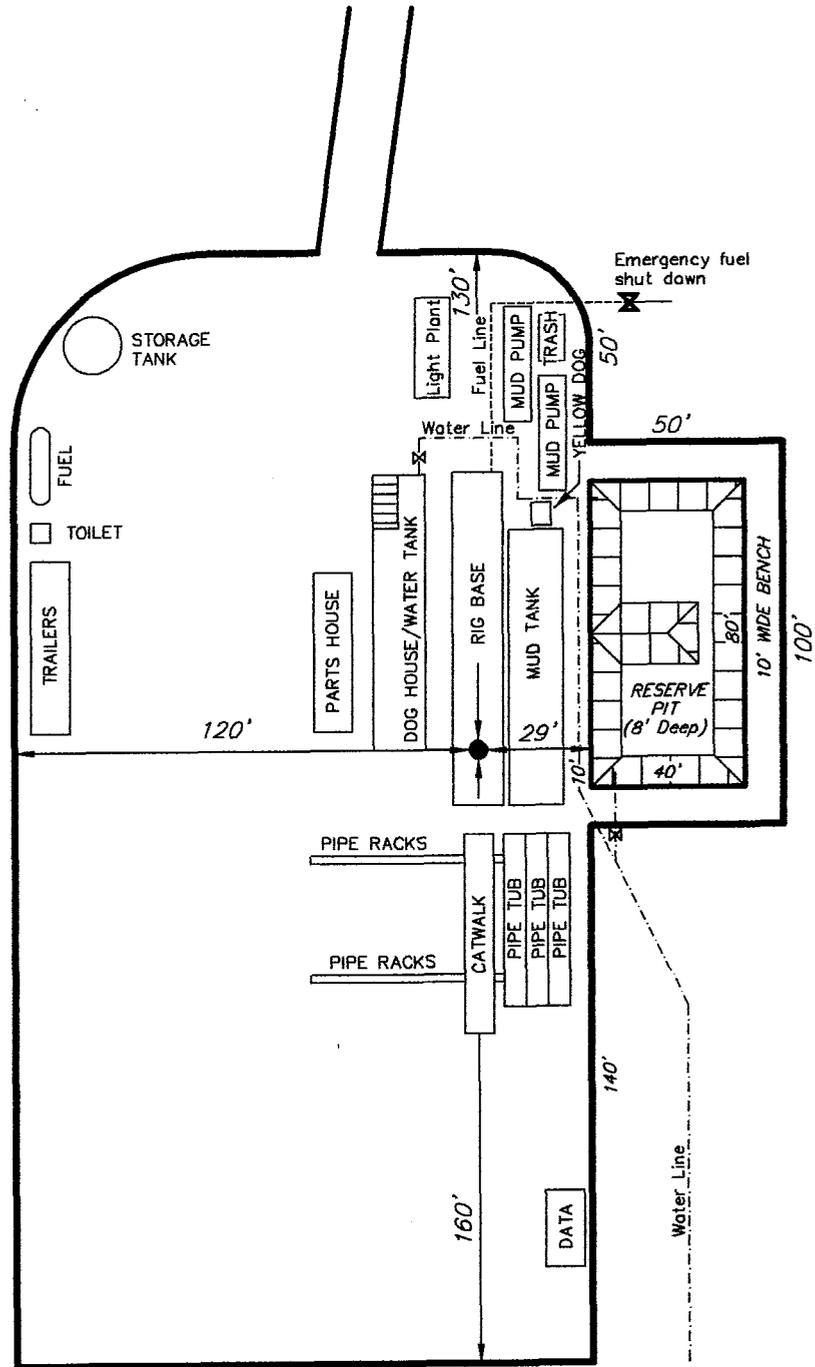
DATE: 1-25-06

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

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

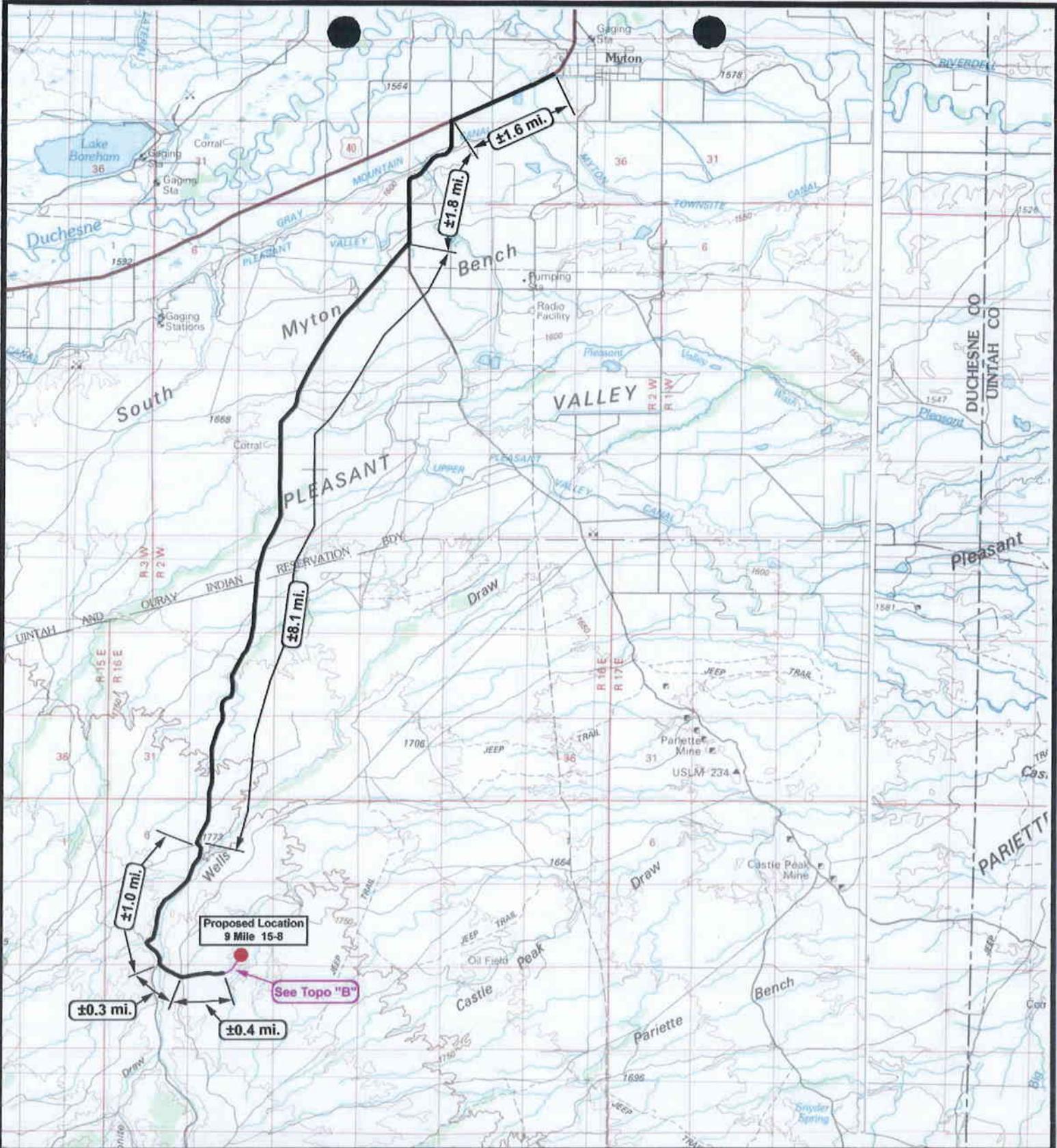
9 MILE 15-8-9-16



| | |
|-------------------|-----------------|
| SURVEYED BY: C.M. | SCALE: 1" = 50' |
| DRAWN BY: M.W. | DATE: 1-25-06 |

(435) 781-2501

Tri State
 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078



NEWFIELD
Exploration Company

9 Mile 15-8-9-16
SEC. 8, T9S, R16E, S.L.B.&M.



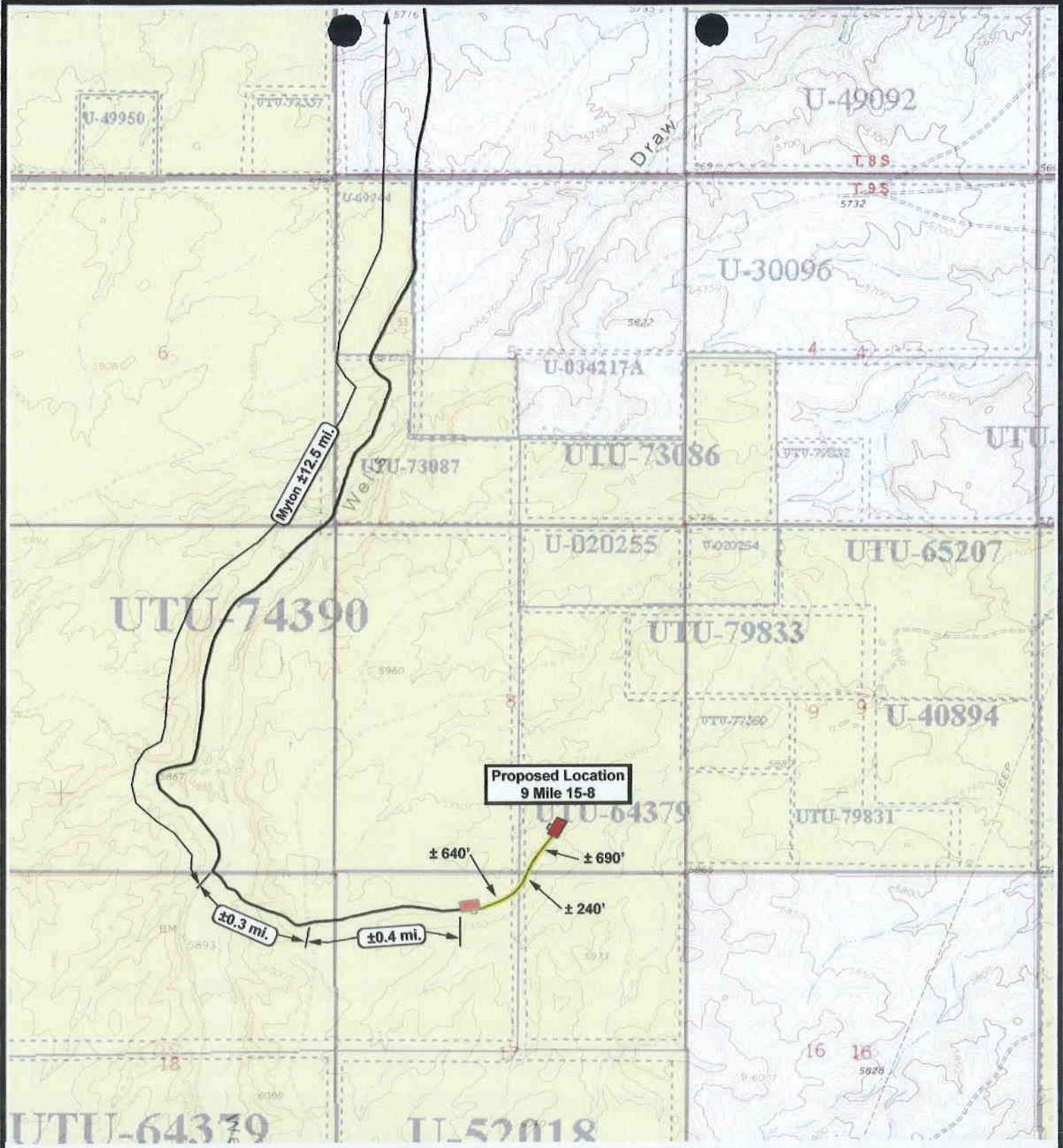
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 01-26-2006

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP
"A"



 **NEWFIELD**
Exploration Company

9 Mile 15-8-9-16
SEC. 8, T9S, R16E, S.L.B.&M.



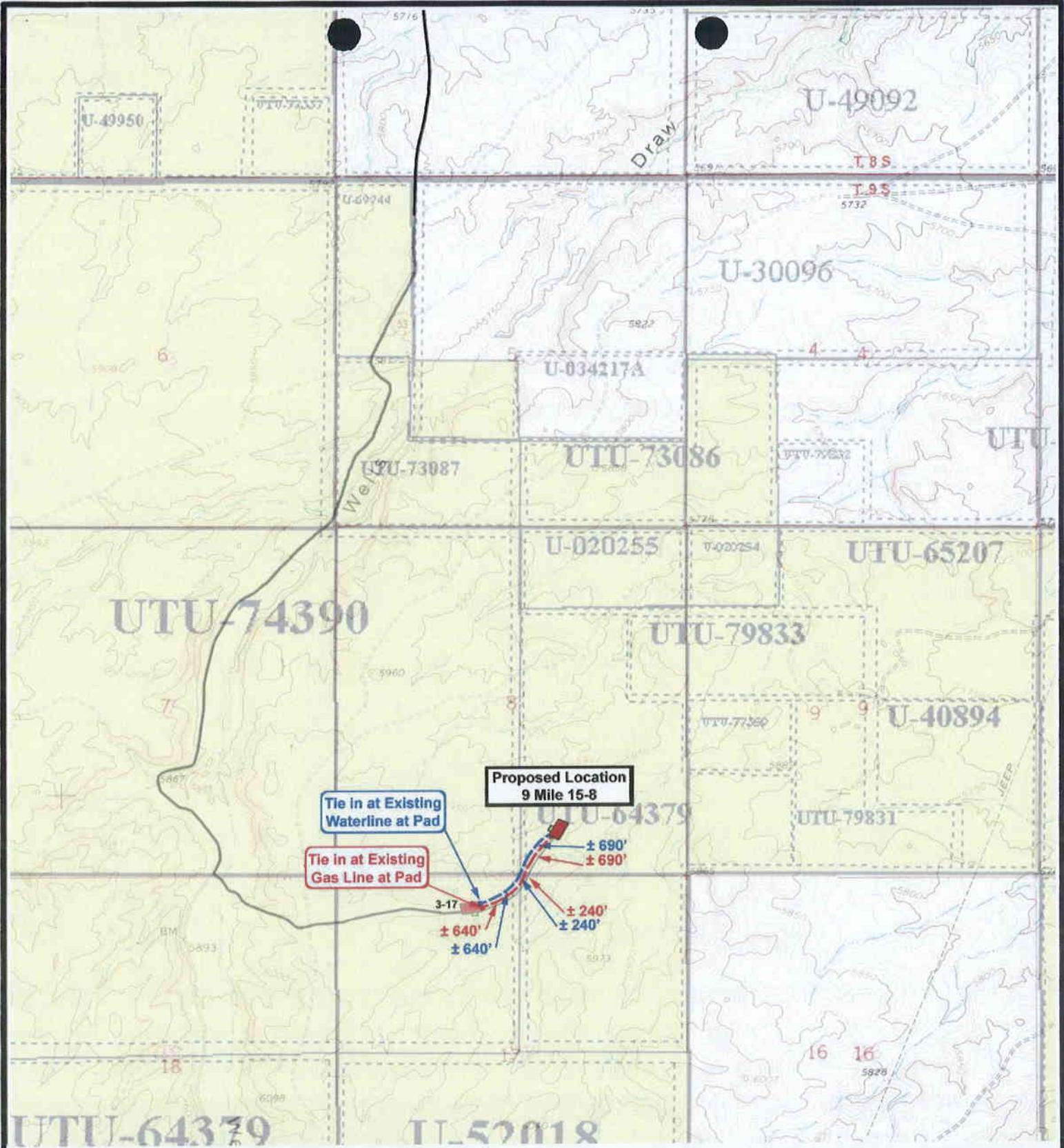

Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'
DRAWN BY: mw
DATE: 01-26-2006

Legend

-  Existing Road
-  Proposed Access

TOPOGRAPHIC MAP
"B"



Tie in at Existing Waterline at Pad

Tie in at Existing Gas Line at Pad

Proposed Location
9 Mile 15-8

± 690'
± 690'
± 240'
± 240'
± 640'
± 640'

NEWFIELD
Exploration Company

9 Mile 15-8-9-16
SEC. 8, T9S, R16E, S.L.B.&M.



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

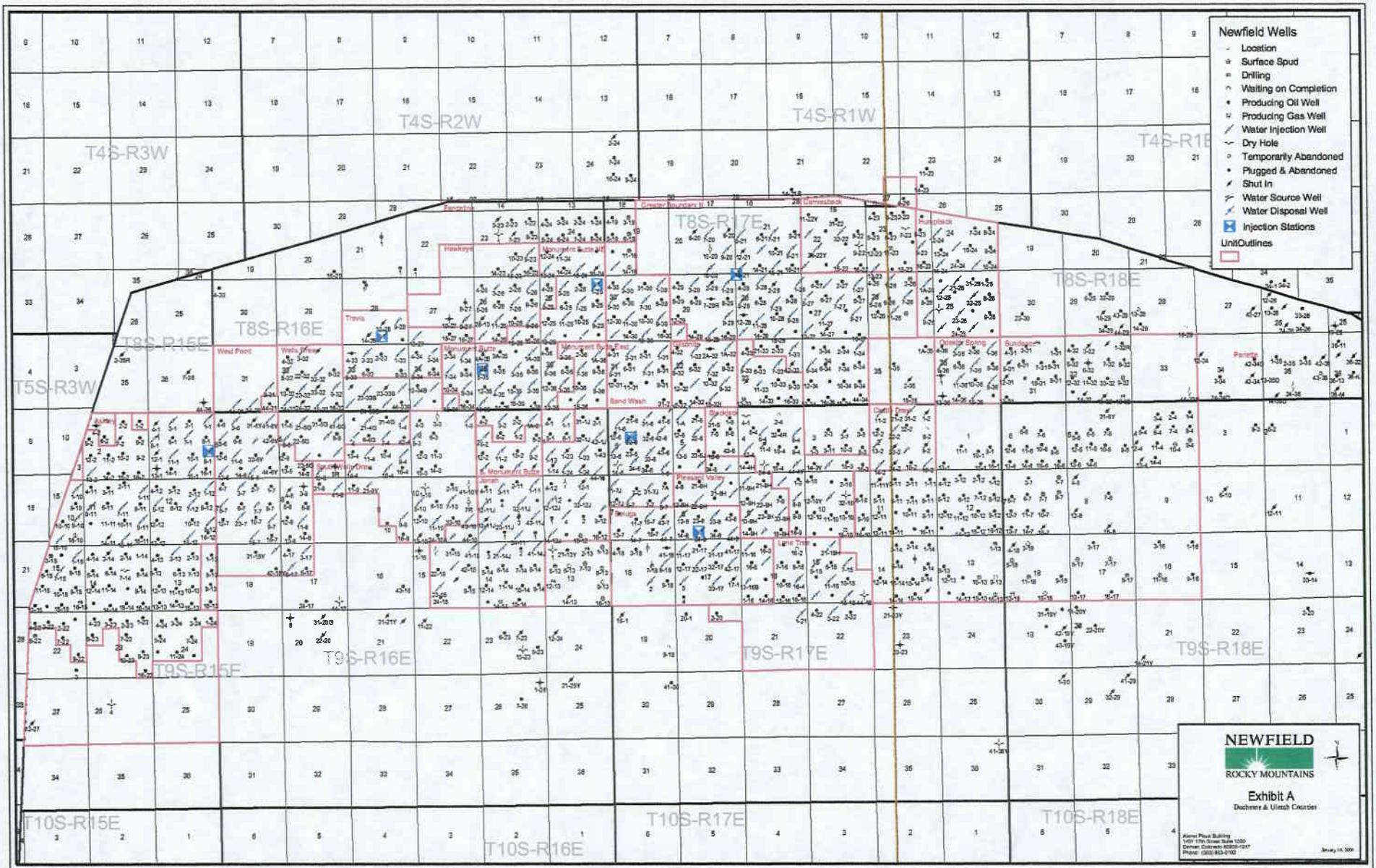
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DRAWN BY: mw
DATE: 01-26-2006

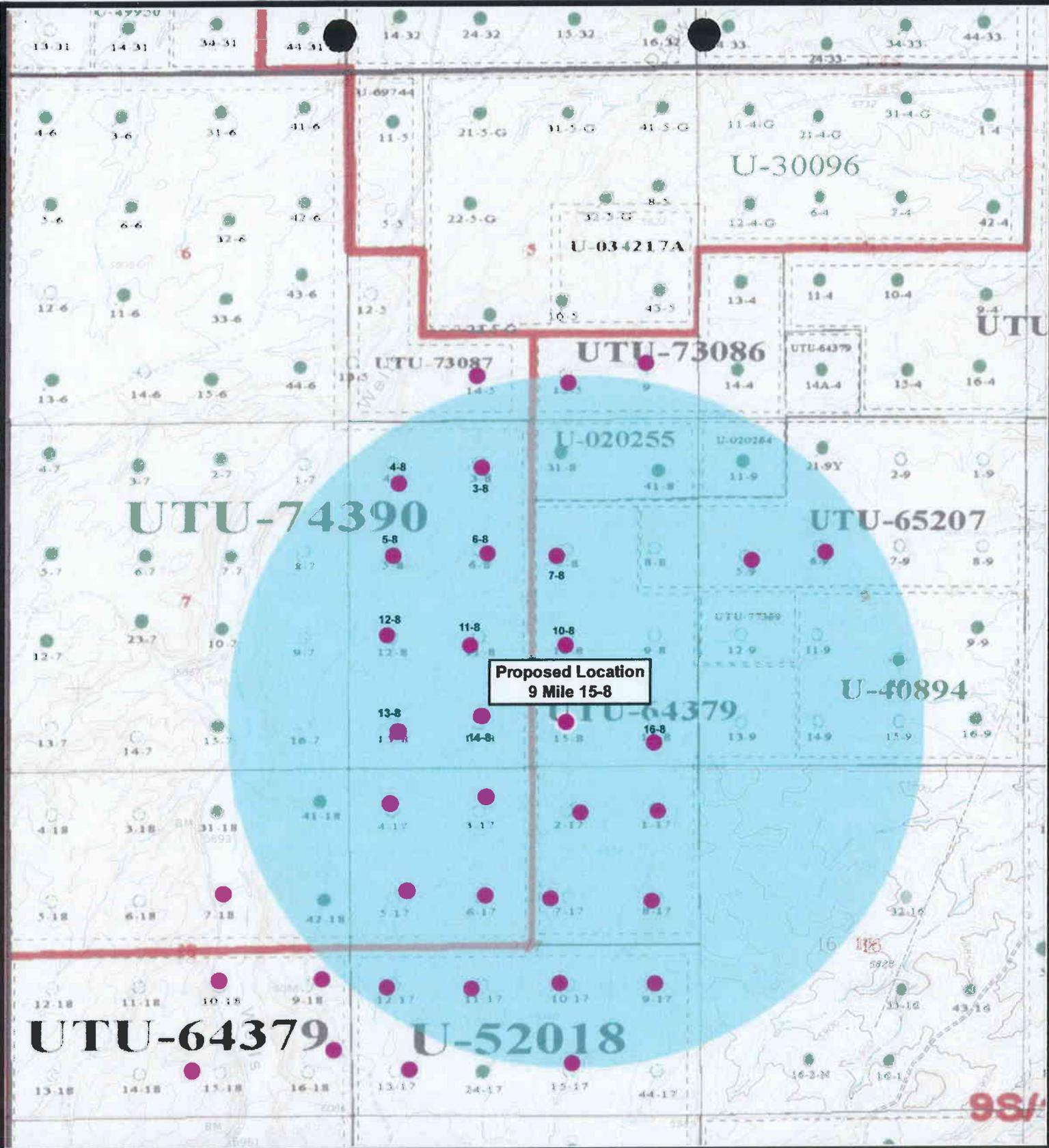
Legend

- Roads
- Proposed Gas Line
- Proposed Water Line

TOPOGRAPHIC MAP

"C"





**Proposed Location
9 Mile 15-8**



NEWFIELD
Exploration Company

9 Mile 15-8-9-16
SEC. 8, T9S, R16E, S.L.B.&M.



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

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 01-26-2006

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

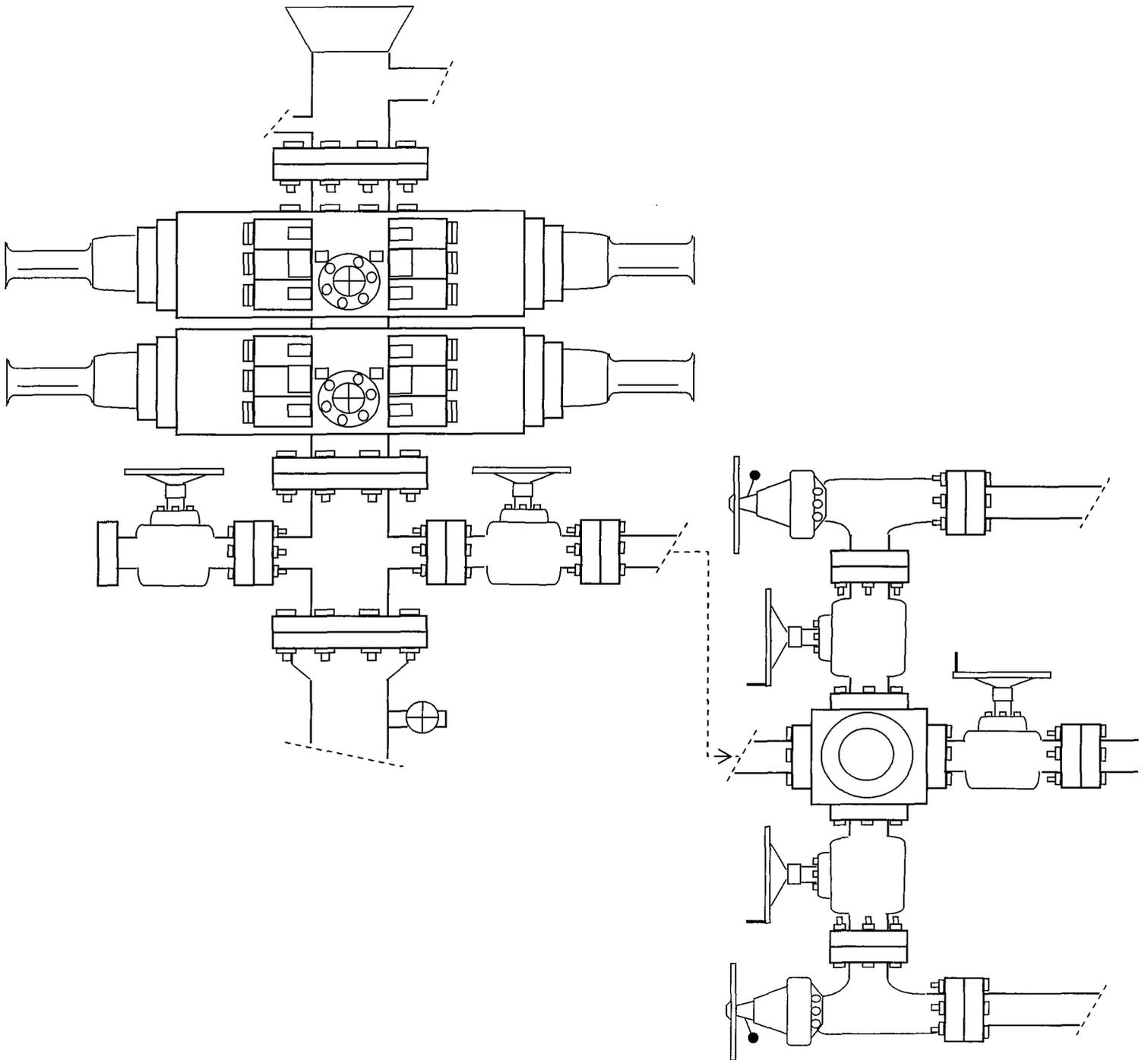


EXHIBIT C

A CULTURAL RESOURCE SURVEY OF THE SOUTH WELLS DRAW UNIT,

DUCHESNE COUNTY, UTAH

by

Ann Polk
and
Danielle Diamond

Prepared for:

Inland Production Company
P.O. Box 790233
Vernal, Utah 84079-0233

Prepared by:

Sagebrush Consultants, L.L.C.
3670 Quincy Avenue, Suite 203
Ogden, Utah 84403

Under Authority of Cultural Resources Use Permit No. 97-UT-54630

and

Utah State Antiquities Permit No. U-97-SJ-0780b.

Archaeological Report No. 1030-01

April 23, 1998

NEWFIELD PRODUCTION COMPANY

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

Section 8, T 9 S, R 16 E [SW 1/4 & SE 1/4, NE 1/4; and SE 1/4]; Section 17, T 9 S, R 16 E [NE 1/4; NE 1/4, NW 1/4 & SW 1/4, SE 1/4; NE 1/4, NW 1/4, & SW 1/4, SW 1/4]; Section 19, T 9 S, R 16 E [entire section]; Section 20, T 9 S, R 16 E [excluding NW 1/4, NE 1/4; and NW 1/4 & SE 1/4, NW 1/4]; Section 21, T 9 S, R 16 E [excluding NE 1/4 & NW 1/4, NE 1/4]

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
November 10, 2005

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 02/15/2006

API NO. ASSIGNED: 43-013-33060

WELL NAME: FEDERAL 15-8-9-16
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWSE 08 090S 160E
 SURFACE: 0703 FSL 1952 FEL
 BOTTOM: 0703 FSL 1952 FEL
 COUNTY: DUCHESNE
 LATITUDE: 40.04009 LONGITUDE: -110.1401
 UTM SURF EASTINGS: 573358 NORTHINGS: 4432351
 FIELD NAME: MONUMENT BUTTE (105)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-64379
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

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

LOCATION AND SITING:

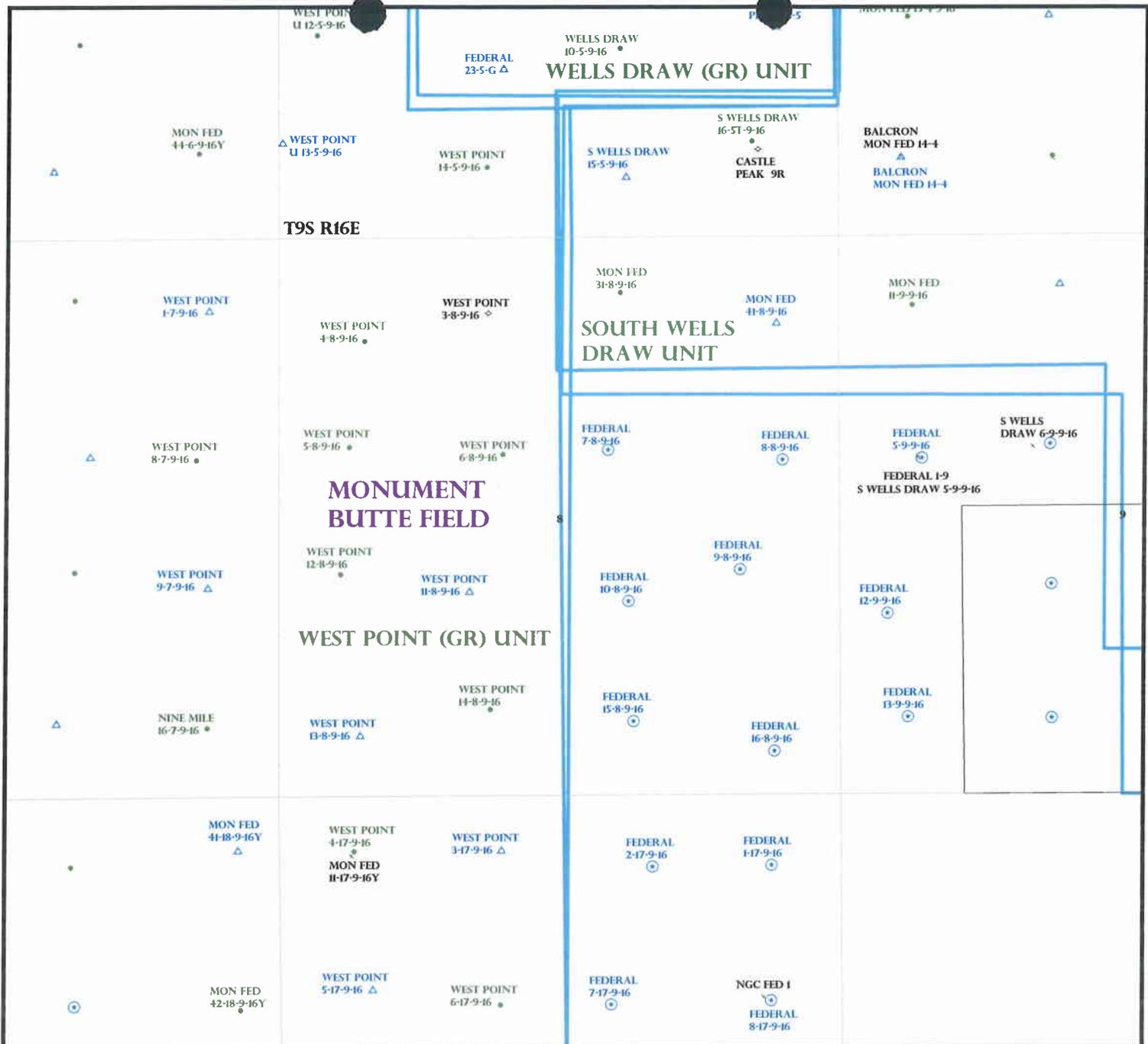
- R649-2-3.
- Unit: _____
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: _____
- Eff Date: _____
- Siting: _____
- R649-3-11. Directional Drill

COMMENTS:

Sep. Separate HW

STIPULATIONS:

*1- Federal Approval
2- Spacing Strip*

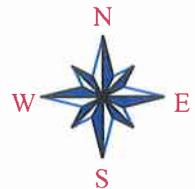


OPERATOR: NEWFIELD PROD CO (N2695)
SEC: 8 **T.** 9S **R.** 16E
FIELD: MONUMENT BUTTE (105)
COUNTY: DUCHESNE
SPACING: R649-3-2 / GENERAL SITING

| Field Status | Unit Status |
|--------------|--------------|
| ABANDONED | EXPLORATORY |
| ACTIVE | GAS STORAGE |
| COMBINED | NF PP OIL |
| INACTIVE | NF SECONDARY |
| PROPOSED | PENDING |
| STORAGE | PI OIL |
| TERMINATED | PP GAS |
| | PP GEOTHERML |
| | PP OIL |
| | SECONDARY |
| | TERMINATED |

Wells Status

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



PREPARED BY: DIANA WHITNEY
DATE: 17-FEBRUARY-2006



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

February 21, 2006

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

Re: Federal 15-8-9-16 Well, 703' FSL, 1952' FEL, SW SE, Sec. 8, 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 43-013-33060.

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 15-8-9-16

API Number: 43-013-33060

Lease: UTU-64379

Location: SW SE Sec. 8 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.

RECEIVED

FEB 15 2006

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. Case 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 15-8-9-16 |
| 4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/SE 703' FSL 1952' FEL At proposed prod. zone | | 9. API Well No. 43-013-33060 |
| 14. Distance in miles and direction from nearest town or post office* Approximatley 13.5 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. 688' f/lse, NA' f/unit | 16. No. of Acres in lease 1626.36 | 11. Sec., T., R., M., or Blk. and Survey or Area SW/SE Sec. 8, T9S R16E |
| 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. 1176' | 12. County or Parish Duchesne |
| 19. Proposed Depth 6170' | 20. BLM/BIA Bond No. on file UTB000192 | 13. State UT |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5922' 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. | 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 <i>Mandie Crozier</i> | Name (Printed/Typed) Mandie Crozier | Date 2/10/06 |
| Title Regulatory Specialist | | |
| Approved by (Signature) <i>Jerry Kenczka</i> | Name (Printed/Typed) JERRY KENCZKA | Date 12-7-2006 |
| Title Assistant Field Manager Lands & Mineral Resources | Office | |

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to operations thereon.
Conditions of approval, if any, are attached

CONDITIONS OF APPROVAL ATTACHED

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

*(Instructions on reverse)

NOTICE OF APPROVAL

RECEIVED

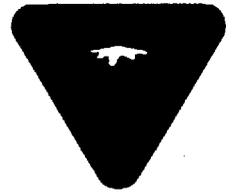
DEC 21 2006

DIV. OF OIL, GAS & MINING

UDOGM



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company **Location:** SWSE, Sec 1, T9S, R16E
Well No: Federal 15-8-9-16 **Lease No:** UTU-64379
API No: 43-013-33060 **Agreement:** N/A

| | | | |
|------------------------------------|---------------------|--------------------------|--------------------|
| Petroleum Engineer: | Matt Baker | Office: 435-781-4490 | Cell: 435-828-4470 |
| Petroleum Engineer: | Michael Lee | Office: 435-781-4432 | Cell: 435-828-7875 |
| Petroleum Engineer: | Jim Ashley | Office: 435-781-4470 | Cell: 435-828- |
| Supervisory Petroleum Technician: | Jamie Sparger | Office: 435-781-4502 | Cell: 435-828-3913 |
| Environmental Scientist: | Paul Buhler | Office: 435-781-4475 | Cell: 435-828-4029 |
| Environmental Scientist: | Karl Wright | Office: 435-781-4484 | |
| Natural Resource Specialist: | Holly Villa | Office: 435-781-4404 | |
| Natural Resource Specialist: | Melissa Hawk | Office: 435-781-4476 | |
| Natural Resource Specialist: | Scott Ackerman | Office: 435-781-4437 | |
| 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 Karl Wright) - Forty-Eight (48) hours prior to construction of location and access roads.
- Location Completion (Notify Karl Wright) - Prior to moving on the drilling rig.
- Spud Notice (Notify Jim Ashley) - Twenty-Four (24) hours prior to spudding the well.
- Casing String & Cementing (Notify Jamie Sparger) - Twenty-Four (24) hours prior to running casing and cementing all casing strings.
- BOP & Related Equipment Tests (Notify Jamie Sparger) - Twenty-Four (24) hours prior to initiating pressure tests.
- First Production Notice (Notify Jim Ashley) - 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)***

1. This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed November 21, 2005. If the well has not been spudded by November 21, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
2. All applicable local, state, and/or federal laws, regulations, and/or statutes must be complied with.
3. Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel will not be allowed.
4. The proposed action is in Sage Grouse nesting habitat. According to the 43 CFR 3101.1-2, surface disturbing activities and drilling may be prohibited during the year to minimize adverse impacts to nesting raptors. During the period of **March 1st through June 30th**, no new drilling or surface disturbing activities will be allowed. If a request for an exception to this limitation is desired, the request must be made in writing to the Vernal Field Office Manager two weeks prior to the anticipated construction, and approved prior to drilling or surface disturbing activities.
5. No drilling or surface disturbing activities are allowed 600' or less from live water.
6. If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
7. The reserve pit will be lined with a 16 ml or greater liner prior to spudding.
8. 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.
9. The liner is to be cut 5 feet below ground or at the level of the cuttings, whichever is deeper and the excess liner material is to be disposed of at an authorized disposal site.
10. When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.
11. The well pad and access/pipeline require monitoring by a qualified Paleontologist prior to and during any surface disturbing activities.

12. Prevent fill and stock piles from entering drainages.
13. **CULTURAL AND PALEONTOLOGICAL RESOURCES STIPULATION.** 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 will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will 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.
14. The access road will be crowned and ditched. Flat-bladed roads are **NOT** allowed.
15. Notify the Authorized Officer 48 hours prior to surface disturbing activities.
16. All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
17. The boulders >3' found at the surface or above ground will be saved for final reclamation.
18. Interim Reclamation (see below):

1. Where possible, strip six inches of topsoil from the location as shown on the cut sheet. After the well is converted to an injection well, the topsoil will be spread and re-contoured on the location and immediately seeded with the seed mix below.

Interim Reclamation Seed Mix for location:

| | | |
|--------------------|---------------------------|-------------------|
| Galleta grass | <i>Hilaria jamesil</i> | 6 lbs/acre |
| Western wheatgrass | <i>Pascopyrum smithii</i> | <u>6 lbs/acre</u> |
| | Per Live Seed Total | 12 lbs/acre |

The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed it shall be re-contoured, then the area shall be seeded in the same manner as the topsoil.

There shall be no primary or secondary noxious weeds in the seed mixture.

Once the location is plugged and abandoned contact the Authorized Officer for final reclamation plans.

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 will be doubled and the area raked or chained to cover the seed.

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

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

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

7. The lessee/operator must report encounters of all non oil & gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to 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.
8. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
9. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

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

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

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

10. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Wellogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

11. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

12. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
13. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
14. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.

- g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
 16. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
 17. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
 18. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 15-8-9-16

Api No: 43-013-33060 Lease Type: FEDERAL

Section 08 Township 09S Range 16E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 01/11/07

Time 3:00 PM

How DRY

Drilling will Commence: _____

Reported by DON BASTIAN

Telephone # (435) 823-6012

Date 01/12/2007 Signed CHD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Serial No.
USA UTU-64379

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
FEDERAL 15-8-9-16

9. API Well No.
4301333060

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 area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
703 FSL 1952 FEL
SWSE Section 8 T9S R16E

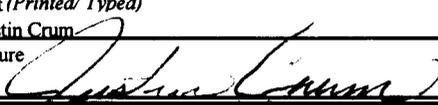
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

| 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 2/3/07 MIRU NDSI Rig # 1. 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 @ 304'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6160'. 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, 139 jt's of 5.5 J-55, 15.5# csgn. Set @ 6133' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 10 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 90,000 #'s tension. Release rig @ 9:00 PM on 2/8/07.

I hereby certify that the foregoing is true and correct (Printed/ Typed)
Justin Crum

Signature 

Title
Drilling Foreman

Date
02/17/2007

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
FEB 22 2007
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6133.3

Flt cllr @ 6074.54

LAST CASING 8 5/8" SET AT 305'

OPERATOR Newfield Production Company

DATUM 12

WELL Federal 15-8-9-16

DATUM TO CUT OFF CASING 12

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # NDSI Rig # 1

TD DRILLER 6160' LOGGER _____

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 @ 40.30" 6.05' | | | | | |
| 138 | 5 1/2" | ETC LT & C casing | 15.5# | J-55 | 8rd | A | 6074.54 |
| | | | | | | | 0.6 |
| 1 | 5 1/2" | ETC LT&C csg | 15.5# | J-55 | 8rd | A | 45.51 |
| | | GUIDE shoe | | | 8rd | A | 0.65 |
| CASING INVENTORY BAL. | | FEET | JTS | TOTAL LENGTH OF STRING | | | 6135.3 |
| TOTAL LENGTH OF STRING | | 6135.3 | 139 | LESS CUT OFF PIECE | | | 14 |
| LESS NON CSG. ITEMS | | 15.25 | | PLUS DATUM TO T/CUT OFF CSG | | | 12 |
| PLUS FULL JTS. LEFT OUT | | 265.98 | 6 | CASING SET DEPTH | | | 6133.3 |
| TOTAL | | 6386.03 | 145 | } COMPARE | | | |
| TOTAL CSG. DEL. (W/O THRDS) | | 6386.03 | 145 | | | | |
| TIMING | | 1ST STAGE | 2nd STAGE | | | | |
| BEGIN RUN CSG. | | 2/8/2007 | 10:00 AM | GOOD CIRC THRU JOB <u>Yes</u> | | | |
| CSG. IN HOLE | | 2/8/2007 | 1:00 PM | Bbls CMT CIRC TO SURFACE <u>10</u> | | | |
| BEGIN CIRC | | 2/8/2007 | 1:00 PM | RECIPROCATED PIPE FOR <u>THRUSTROKE</u> | | | |
| BEGIN PUMP CMT | | 2/8/2007 | 3:01 PM | DID BACK PRES. VALVE HOLD ? <u>Yes</u> | | | |
| BEGIN DSPL. CMT | | 2/8/2007 | 4:02 PM | BUMPED PLUG TO <u>1949</u> PSI | | | |
| PLUG DOWN | | 2/8/2007 | 4:30 PM | | | | |
| CEMENT USED | | CEMENT COMPANY- B. J. | | | | | |
| STAGE | # SX | CEMENT TYPE & ADDITIVES | | | | | |
| 1 | 300 | Premiite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake mixed @ 11.0 ppg W / 3.43 cf/sk yield | | | | | |
| 2 | 450 | 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 Justin Crum

DATE 2/8/2007

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.



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)
703 FSL 1952 FEL
SWSE Section 8 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 15-8-9-16

9. API Well No.
4301333060

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 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.)

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 03/12/2007 |

| | | |
|---|--------|------|
| 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
MAR 15 2007

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-64379

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 703 FSL 1952 FEL COUNTY: DUCHESNE
OTR/OTR SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSE, 8, T9S, R16E STATE: UT

8. WELL NAME and NUMBER:
FEDERAL 15-8-9-16

9. API NUMBER:
4301333060

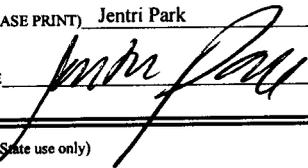
10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

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: 03/26/2007 | <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 03/09/07, attached is a daily status completion report.

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk

SIGNATURE  DATE 03/26/2007

(This space for State use only)

RECEIVED
MAR 28 2007
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 15-8-9-16

12/1/2006 To 4/28/2007

2/22/2007 Day: 1

Completion

Rigless on 2/21/2007 - Install 5M frac head. NU Cameron BOP. RU H/O truck & pressure test casing, frac head, blind rams & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6056' & cement top @ 64'. Perforate stage #1 W/ 4" ported gun as follows: CP5 sds @ 5986- 5994' W/ 4 JSPF for total of 32 shots. RD WLT. SIFN W/ est 142 BWTR.

3/3/2007 Day: 2

Completion

Rigless on 3/2/2007 - RU BJ Services. 17 psi on well. Frac CP5 sds w/ 20,494#'s of 20/40 sand in 312 bbls of Lightning 17 fluid. Broke @ 2209 psi. Treated w/ ave pressure of 2232 psi @ ave rate of 24.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2044 psi. Leave pressure on well. 454 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug, 13, 4' & 11' perf gun. Set plug @ 5850'. Perforate CP2 sds @ 5728- 5741', CP1 sds @ 5700- 5704', 5669- 5680' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 112 shots. RU BJ Services. 1712 psi on well. Pressured up to 4200 psi, Would not breakdown. RU Lone Wolf WL & dump bail acid. RU BJ Services. 1681 psi on well. Frac CP1&2 sds w/ 80,764#'s of 20/40 sand in 604 bbls of Lightning 17 fluid. Broke @ 3912 psi. Treated w/ ave pressure of 1494 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 1909 psi. Leave pressure on well. 1058 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 18' perf gun. Set plug @ 5345'. Perforate A1 sds @ 5222- 5240' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 72 shots. RU BJ Services. 1475 psi on well. Pressured up to 4200 psi, Would not breakdown. RU Lone Wolf WL & dump bail acid. RU BJ Services. 1362 psi on well. Frac A1 sds w/ 161,764#'s of 20/40 sand in 1071 bbls of Lightning 17 fluid. Broke @ 3969 psi. Treated w/ ave pressure of 1500 psi @ ave rate of 24.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 1944 psi. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 10' perf gun. Set plug @ 5150'. Perforate B2 sds @ 5054- 5064' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 40 shots. Leave pressure on well. 2129 BWTR.

3/6/2007 Day: 3

Completion

Rigless on 3/5/2007 - RU BJ Services. 100 psi on well. Frac B2 sds, stage #4 w/ 29,798#'s of 20/40 sand in 385 bbls of Lightning 17 fluid. Broke @ 3867 psi. Treated w/ ave pressure of 1628 psi @ ave rate of 25.2 BPM. Pumped 504 gals of 15% HCL in flush for next stage. ISIP 1839 psi. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 7' perf gun. Set plug @ 5010'. Perforate C sds @ 4942-49' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 28 shots. Leave pressure on well. 2514 BWTR. SIFN.

3/7/2007 Day: 4

Completion

Rigless on 3/6/2007 - Open well w/ 228 psi on well. RU BJ & perfs won't break down. RIH & spot 10 gals 15% HCL acid on perfs. RU BJ & frac C sds, stage #5 w/ 29,152#'s of 20/40 sand in 371 bbls of Lightning 17 fluid. Broke @ 4233 psi. Treated w/ ave pressure of 2111 psi @ ave rate of 24.9 BPM. Pumped 504 gals of 15% HCL

in flush for next stage. ISIP 1839 psi. RU WLT. RIH w/ plug & 14' perf gun. Set plug @ 4870'. Perforate D1 sds @ 4774-88' w/ 4 SPF for total of 56 shots. Leave pressure on well. Open well w/ 1300 psi on well. RU BJ & frac D1 sds, stage #6 w/ 79,970#'s of 20/40 sand in 595 bbls of Lightning 17 fluid. Broke @ 2429 psi. Treated w/ ave pressure of 1620 psi @ ave rate of 25.1 BPM w/ 8 ppg of sand. Spot 504 gals of 15% HCL acid in flush for next stage. ISIP 2065 psi. RU WLT. RIH w/ plug & 6' & 6' perf gun. Set plug @ 4380'. Perforate GB4 sds @ 4270-76' & GB2 sds @ 4208-14' w/ 4 SPF for total of 48 shots. Leave pressure on well. 3480 BWTR. 2885 BWTR. Open well w/ 1487 psi on well. RU BJ & frac GB sds, stage #7 w/ 42,220#'s of 20/40 sand in 360 bbls of Lightning 17 fluid. Broke @ 3955 psi. Treated w/ ave pressure of 2038 psi @ ave rate of 24.9 BPM w/ 8 ppg of sand. ISIP 1970 psi. 3840 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 4 hours & died w/ 240 bbls rec'd. SIFN.

3/8/2007 Day: 5

Completion

Rigless on 3/7/2007 - MIRUSU. Open well w/ 0 psi on casing. RD Cameron BOP's & 5K frac head. Instal 3K production tbg head & Schaefer BOP's. RU Chomp bit, bit sub. Tally & pickup new J-55, 2-7/8", 6.5# tbg. TIH to tag sand @ 4017' (127 jts). RU pump & swivel. C/O to plug @ 4380'. SIFN.

3/9/2007 Day: 6

Completion

Western #4 on 3/8/2007 - Open well w/ 0 psi on casing. TIH w/ tbg & tag plug. Drlg up plug #1. TIH w/ tbg to tag plug @ 4870'. Drlg up plug #2. TIH w/ tbg to tag plug @ 5010'. Drlg up plug #3. TIH w/ tbg to tag plug @ 5150'. Drlg up plug #4.. TIH w/ tbg to tag plug @ 5345'. Drlg up plug #5. TIH w/ tbg to tag plug @ 5850'. Drlg up plug #6. TIH w/ tbg to tag sand @ 6087'. C/O to PBSD @ 6089'. TOOH w/ 3 jts tbg, EOT @ 5987'. SIFN. Lost 245 bbls wtr today.

3/10/2007 Day: 7

Completion

Western #4 on 3/9/2007 - Open well w/ 0 psi on casing. RU Swab equipment. IFL @ 400'. Made 13 swab runs. Rec 131 BTF. FFL @ 2400', Trace of oil, No sand. TIH w/ 3 jts of tbg & tag sand @ 6081. Circulate clean to PBSD @ 6089' (Lost 25 BW). LD 3 jts of tbg. TOH w/ 189 jts of tbg. LD 4 3/4" chomp bit. PU & TIH w/ NC, 1- jt, 2 7/8" SN, 1- jt, 5 1/2" TA & 187 jt of 2 7/8" J-55 tbg. ND BOP. Set TA w/ 16,000#'s of tension @ 5928', SN @ 5962' & EOT @ 5996'. NU WH. PU & RIH w/ rod detail as follows: New CDI 2 1/2" X 1 1/2" X 15 1/2' RHAC pump, 6-1 1/2" weight rods, 10-3/4" scraped rods, 122-3/4" plain rods, 99- 3/4" scraped rods, 1-8', 1-6', 2-4' X 3/4" pony rods, 1 1/2" X 22' polish rod. Hang head, Space out rods. Fill tbg w/ 4 bbls of wtr. Pressure test to 800 psi w/ unit. RDMOSU. POP @ 7:00 PM w/ 86" SL @ 5 SPM w/ 3743 BWTR. 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*

| | |
|--|---|
| 1a. TYPE OF WORK OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____ | 5. LEASE DESIGNATION AND SERIAL NO. <p align="center">UTU-64379</p> |
| 1b. TYPE OF WELL 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 _____ | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME <p align="center">NA</p> |
| | 7. UNIT AGREEMENT NAME <p align="center">Federal</p> |
| | 8. FARM OR LEASE NAME, WELL NO. <p align="center">Federal 15-8-9-16</p> |

| | |
|--|--|
| 2. NAME OF OPERATOR <p align="center">Newfield Exploration Company</p> | 9. WELL NO. <p align="center">43-013-33060</p> |
|--|--|

| | |
|--|--|
| 3. ADDRESS AND TELEPHONE NO. <p align="center">1401 17th St. Suite 1000 Denver, CO 80202</p> | 10. FIELD AND POOL OR WILDCAT <p align="center">Monument Butte</p> |
|--|--|

| | |
|--|---|
| 4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)* At Surface 703' FSL & 1952' FEL (SW/SE) Sec. 8, T9S, R16E At top prod. Interval reported below | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <p align="center">Sec. 8, T9S, R16E</p> |
|--|---|

| | | | |
|--|--|---|--|
| 14. API NO. <p align="center">43-013-33060</p> | DATE ISSUED <p align="center">02/21/06</p> | 12. COUNTY OR PARISH <p align="center">Duchesne</p> | 13. STATE <p align="center">UT</p> |
|--|--|---|--|

| | | | | |
|--|--|---|--|----------------------|
| 15. DATE SPUNTED <p align="center">1/11/07</p> | 16. DATE T.D. REACHED <p align="center">02/07/07</p> | 17. DATE COMPL. (Ready to prod.) <p align="center">03/09/07</p> | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <p align="center">5922' GL 5934' KB</p> | 19. ELEV. CASINGHEAD |
|--|--|---|--|----------------------|

| | | | | | |
|---|--|-----------------------------------|---|--|-------------|
| 20. TOTAL DEPTH, MD & TVD <p align="center">6160'</p> | 21. PLUG BACK T.D., MD & TVD <p align="center">6089'</p> | 22. IF MULTIPLE COMPL., HOW MANY* | 23. INTERVALS DRILLED BY <p align="center">-----></p> | ROTARY TOOLS <p align="center">X</p> | CABLE TOOLS |
|---|--|-----------------------------------|---|--|-------------|

| | |
|--|--|
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* <p align="center">Green River 4208'-5994'</p> | 25. WAS DIRECTIONAL SURVEY MADE <p align="center">No</p> |
|--|--|

| | |
|---|---|
| 26. TYPE ELECTRIC AND OTHER LOGS RUN <p align="center">Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log</p> | 27. WAS WELL CORED <p align="center">No</p> |
|---|---|

| 32. 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# | 306' | 12-1/4" | To surface with 160 sx Class "G" cmt | |
| 5-1/2" - J-55 | 15.5# | 6133' | 7-7/8" | 300 sx Premlite II and 450 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 @ 5996' | TA @ 5928' |

| 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 | |
| (CP5) 5986'-5994' | .46" | 4/32 | 5986'-5994' | Frac w/ 20,494# 20/40 sand in 312 bbls fluid | |
| &1) 5728'-5741', 5700'-5704', 5669'-5680' | .43" | 4/112 | 5669'-5741' | Frac w/ 80,764# 20/40 sand in 604 bbls fluid | |
| (A1) 5222'-5240' | .43" | 4/72 | 5222'-5240' | Frac w/ 161,764# 20/40 sand in 1071 bbls fluid | |
| (B2) 5054'-5064' | .43" | 4/40 | 5054'-5064' | Frac w/ 29,798# 20/40 sand in 385 bbls fluid | |
| (C) 4942'-4949' | .43" | 4/28 | 4942'-4949' | Frac w/ 29,152# 20/40 sand in 371 bbls fluid | |
| (D1) 4774'-4788' | .43" | 4/56 | 4774'-4788' | Frac w/ 79,970# 20/40 sand in 595 bbls fluid | |
| (GB4 &2) 4270'-76', 4208', 14' | .43" | 4/48 | 4208'-4276' | Frac w/ 42,220# 20/40 sand in 360 bbls fluid | |

| 33.* PRODUCTION | | | | | | | |
|--|-----------------|--|-----------------------------------|------------------------|------------------------|--|-----------------------------|
| DATE FIRST PRODUCTION 03/09/07 | | PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 15 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. 59 | GAS--MCF. 22 | WATER--BBL. 20 | GAS-OIL RATIO 373 |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE -----> | OIL-BBL. | GAS--MCF. | WATER--BBL. | OIL GRAVITY-API (CORR.) | |

| | |
|---|--|
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <p align="center">Sold & Used for Fuel</p> | TEST WITNESSED BY <p align="center">APR U 3 2007</p> |
|---|--|

| | |
|---|--|
| 35. LIST OF ATTACHMENTS <p align="center">DIV. OF OIL, GAS & MINING</p> | |
|---|--|

| | | |
|---|-------------------------------|-----------------------|
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records | | |
| SIGNED <u>Jennifer Park</u> Jennifer Park | TITLE <u>Production Clerk</u> | DATE <u>3/30/2007</u> |

| 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 15-8-9-16 | Garden Gulch Mkr | 3748' | |
| | | | | Garden Gulch 1 | 3954' | |
| | | | | Garden Gulch 2 | 4073' | |
| | | | | Point 3 Mkr | 4328' | |
| | | | | X Mkr | 4596' | |
| | | | | Y-Mkr | 4628' | |
| | | | | Douglas Creek Mkr | 4742' | |
| | | | | BiCarbonate Mkr | | |
| | | | | B Limestone Mkr | 5092' | |
| | | | | Castle Peak | 5618' | |
| | | | | Basal Carbonate | 6058' | |
| | | | | Total Depth (LOGGERS) | 6150' | |



June 7, 2012

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

RE: Permit Application for Water Injection Well
Federal #15-8-9-16
Monument Butte Field, Lease #UTU-64379
Section 8-Township 9S-Range 16E
Duchesne County, Utah

RECEIVED
JUN 12 2012
DIV. OF OIL, GAS & MINING

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #15-8-9-16 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 Lead

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #15-8-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-64379
JUNE 7, 2012

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Federal 15-8-9-16

Spud Date: 01/11/07
 Put on Production: 03/09/07
 K.B.: 5934, G.L.: 5922

Initial Production: BOPD,
 MCFD, BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (294.01')
 DEPTH LANDED: 305.86' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

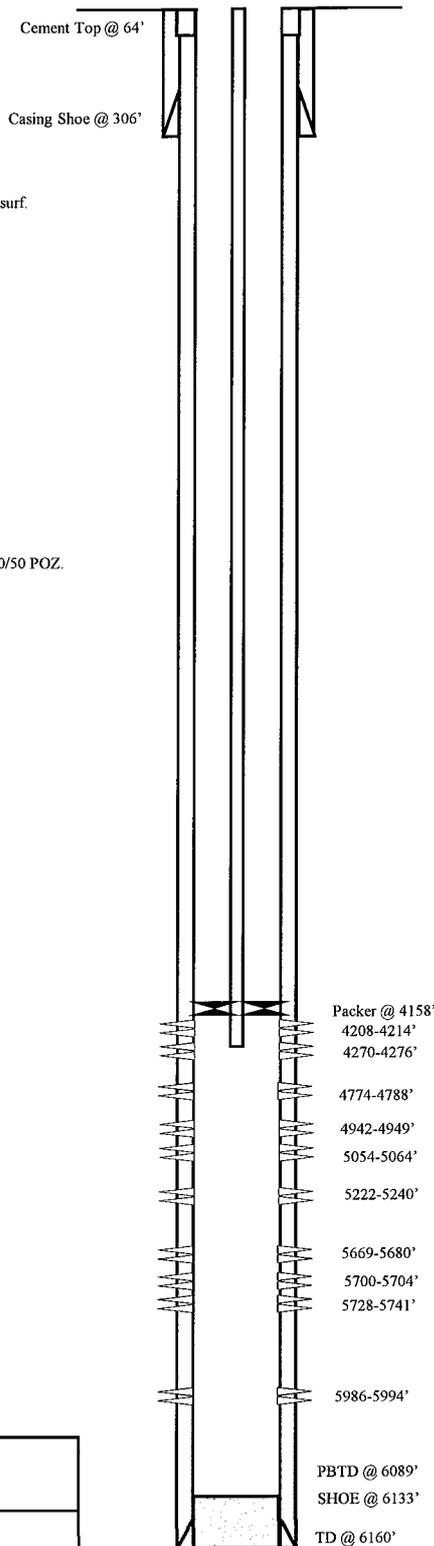
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 139 jts. (6120.05')
 DEPTH LANDED: 6133.30' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP: 64'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 187 jts (5925.9')
 TUBING ANCHOR: 5935.9' KB
 NO. OF JOINTS: 1 jts (31.8')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5970.5' KB
 NO. OF JOINTS: 1 jts (31.6')
 TOTAL STRING LENGTH: EOT @ 6004' KB

FRAC JOB

| | | |
|-----------|------------|---|
| 03/02/07 | 5986-5994' | Frac CP5 sands as follows: 20494# 20/40 sand in 312 bbls Lightning 17 frac fluid. Treated @ avg press of 2232 psi w/avg rate of 24.9 BPM. ISIP 2044 psi. Calc flush: 5992 gal. Actual flush: 5477 gal. |
| 03/02/07 | 5669-5741' | Frac CP1,CP2 sands as follows: 80764# 20/40 sand in 604 bbls Lightning 17 frac fluid. Treated @ avg press of 1494 psi w/avg rate of 24.8 BPM. ISIP 1909 psi. Calc flush: 5739 gal. Actual flush: 5124 gal. |
| 03/02/07 | 5222-5240' | Frac A1 sands as follows: 161764# 20/40 sand in 1071 bbls Lightning17 frac fluid. Treated @ avg press of 1500 psi w/avg rate of 24.9 BPM. ISIP 1944 psi. Calc flush: 5238 gal. Actual flush: 5250 gal. |
| 03/05/07 | 5054-5064' | Frac B2 sands as follows: 29798# 20/40 sand in 385 bbls Lightning 17 frac fluid. Treated @ avg press of 1628 psi w/avg rate of 25.2 BPM. ISIP 1839 psi. Calc flush: 5062 gal. Actual flush: 4578gal. |
| 03/06/07 | 4942-4949' | Frac C sands as follows: 29152# 20/40 sand in 371 bbls Lightning 17 frac fluid. Treated @ avg press of 2111 psi w/avg rate of 24.9 BPM. ISIP 1839psi. Calc flush: 4947 gal. Actual flush: 4452 gal. |
| 03/06/07 | 4774-4788' | Frac D1 sands as follows: 79970# 20/40 sand in 595 bbls Lightning 17 frac fluid. Treated @ avg press of 1620 psi w/avg rate of 25.1 BPM. ISIP 2065 psi. Calc flush: 4786 gal. Actual flush: 4242 gal. |
| 03/06/07 | 4208-4276' | Frac GB2, GB4 sands as follows: 42220# 20/40 sand in 360 bbls Lightning 17 frac fluid. Treated @ avg press of 2038 psi w/avg rate of 24.9 BPM. ISIP 1970 psi. Calc flush: 4274 gal. Actual flush: 4116 gal. |
| 2/24/09 | | Pump Change. Updated rod & tubing details. |
| 11/25/09 | | Parted rods. Updated rod and tubing detail |
| 9/7/2010 | | Parted rods. Updated rod and tubing detail. |
| 10/1/2010 | | Pump change. Updated rod and tubing detail. |



PERFORATION RECORD

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|----------|------------|--------|----------|
| 02/21/07 | 5986-5994' | 4 JSPF | 32 holes |
| 03/02/07 | 5728-5741' | 4 JSPF | 52 holes |
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NEWFIELD

Federal 15-8-9-16

703' FSL & 1952' FEL
 SW/SE Section 8-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33060; 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 #15-8-9-16 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 #15-8-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (4071' - 6089'). 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 3743' and the TD is at 6160'.

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

The referenced log for the Federal #15-8-9-16 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 306' KB, and 5-1/2", 15.5# casing run from surface to 6133' 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 1806 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 #15-8-9-16, for existing perforations (4208' - 5994') calculates at 0.80 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 1806 psig. We may add additional perforations between 3743' and 6160'. 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 #15-8-9-16, the proposed injection zone (4071' - 6089') 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-15.

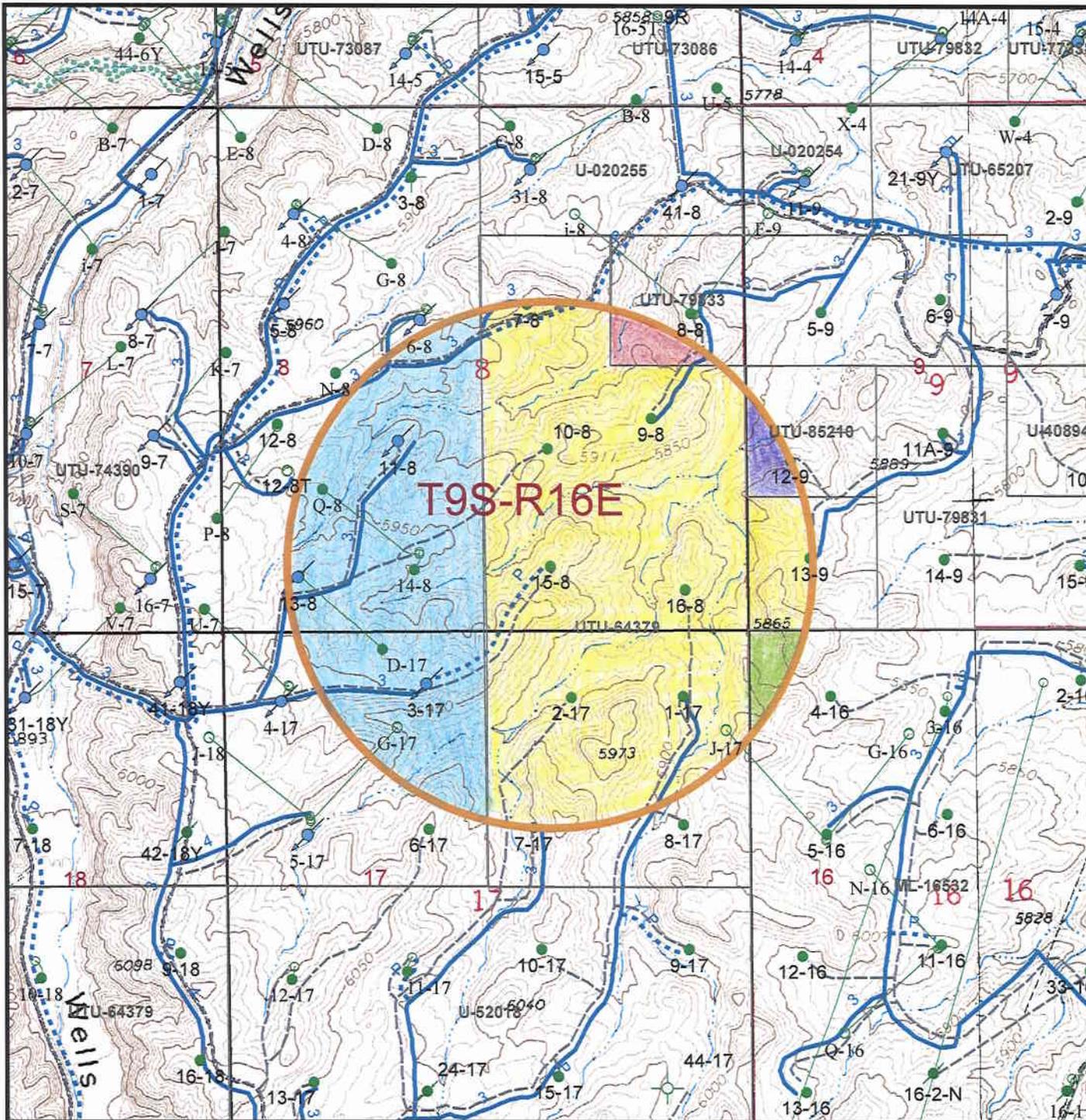
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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



| | | | |
|-------------------------|----------------------------|--|----------------------|
| | WellStatus_HalfMile_Buffer | | UTU-64379 |
| Well Status | | | |
| | Location | | UTU-74390 |
| | CTI | | UTU-79833 |
| | Surface Spud | | UTU-85210 |
| | Drilling | | ST of UT ML-16532 |
| | Waiting on Completion | | |
| | Producing Oil Well | | |
| | Producing Gas Well | | |
| | Water Injection Well | | |
| | Dry Hole | | |
| | Temporarily Abandoned | | |
| | Plugged & Abandoned | | |
| | Shut In | | |
| | Countyline | | |
| Injection system | | | |
| | high pressure | | |
| | low pressure | | |
| | proposed | | |
| | return | | |
| | return proposed | | |
| | Leases | | |
| | Mining tracts | | |

Federal 15-8
Section 8, T 9S-R16E

NEWFIELD
ROCKY MOUNTAINS 1 in = 1,500 feet

1/2 Mile Radius Map
Duchesne & Uintah Counties

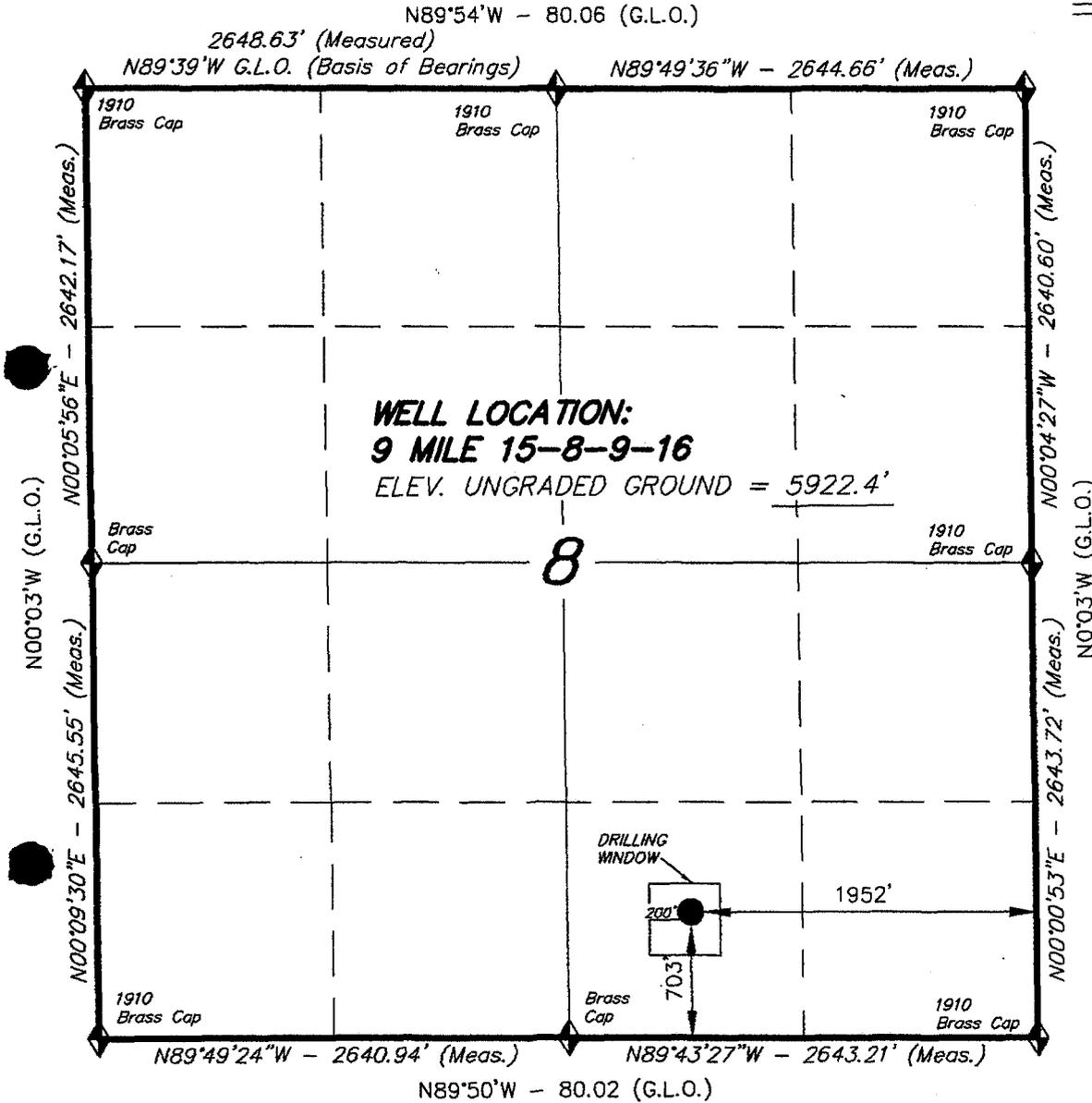
1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

May 2, 2012

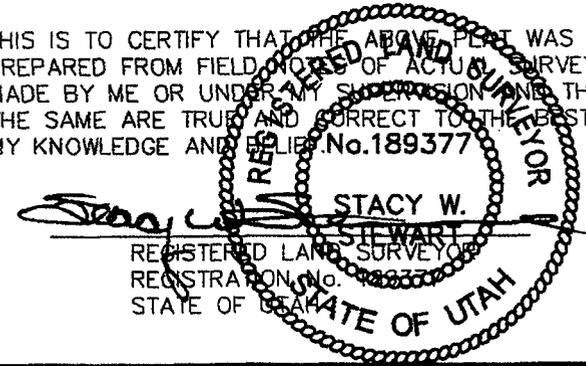
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 15-8-9-16,
 LOCATED AS SHOWN IN THE SW 1/4 SE
 1/4 OF SECTION 8, T9S, R16E, S.L.B.&M.
 DUCHESNE COUNTY, UTAH.



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



◆ = SECTION CORNERS LOCATED

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

9 MILE 15-8-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 02' 24.30"
 LONGITUDE = 110° 08' 26.67"

TRI STATE LAND SURVEYING & CONSULTING

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

| | |
|---------------------------|-------------------|
| DATE SURVEYED: 1-20-06 | SURVEYED BY: C.M. |
| DATE DRAWN: 1-25-06 | DRAWN BY: M.W. |
| REVISED: | SCALE: 1" = 1000' |

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 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 Corp Yates Petroleum Corp | USA |
| 3 | T9S-R16E SLM Section 8: SENE Section 9: S2NW | USA UTU-79833 HBP | Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Corp Yates Petroleum Corp | USA |
| 4 | T9S-R16E SLM Section 9: NWSW | USA UTU-85210 HBP | Newfield Production Company | USA |

5 T9S-616E SLM
Section 16: All

State of Utah
ML 16532
HBP

Newfield RMI LLC
QEP Energy Company
El Paso E&P Company LP
American Petroleum Corp
Brave River Production
Trans Republic Resources Inc

State of Utah

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #15-8-9-16

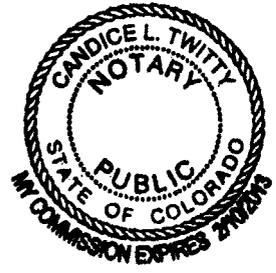
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: 
Newfield Production Company
Eric Sundberg
Regulatory Lead

Sworn to and subscribed before me this 7th day of June, 2012.

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

My Commission Expires 02/10/2013



Federal 15-8-9-16

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 MCFD, BWPD

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SUCKER RODS

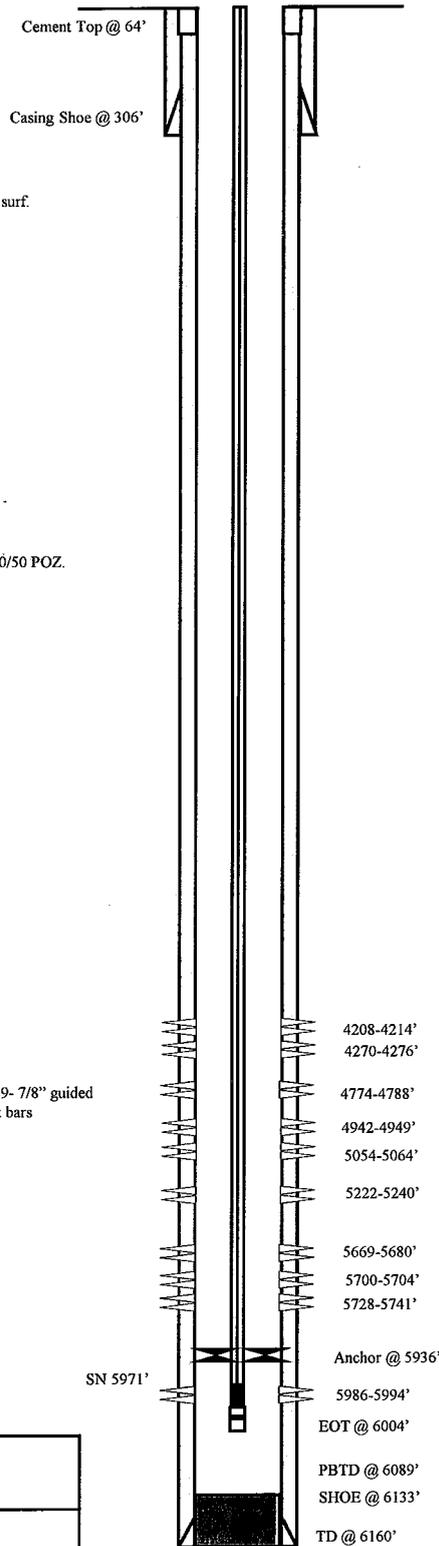
POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-2' x 7/8" pony rod, 1-8' x 3/4" pony rods, 89- 7/8" guided rods, 119- 3/4" sucker rods, 23- 3/4" guided rods, 6- 1 1/2" weight bars
 PUMP SIZE: 2-1/2" x 1-1/2" x 14' x 16' RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5

FRAC JOB

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NEWFIELD

Federal 15-8-9-16

703' FSL & 1952' FEL

SW/SE Section 8-T9S-R16E

Duchesne Co, Utah

API #43-013-33060; Lease #UTU-64379

Federal 7-8-9-16

Attachment E-1

Spud Date: 1-16-07
 Put on Production: 3-28-07
 GL: 5889' KB: 5901'

Wellbore Diagram

Initial Production: BOPD,
 MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (311.5')
 DEPTH LANDED: 323.35' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

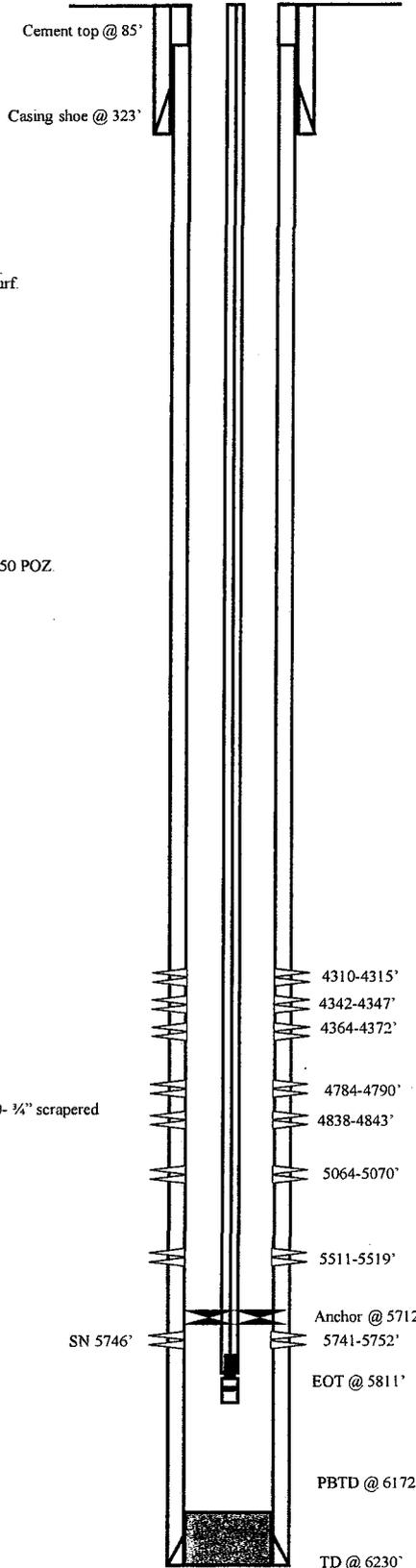
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 141 jts (6204.07') Includes Shoe Jt. (44.36')
 DEPTH LANDED: 6217.32' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 85'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 181 jts (5699.88')
 TUBING ANCHOR: 5711.88' KB
 NO. OF JOINTS: 1 jts (31.61')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5746.29' KB
 NO. OF JOINTS: 2 jts (63.22')
 TOTAL STRING LENGTH: EOT @ 5811' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 99- 3/4" scraped rods, 114- 1/4" plain rods, 10- 1/4" scraped rods, 6- 1 1/2" weight rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM



FRAC JOB

| | | |
|----------|------------|--|
| 04-19-07 | 5741-5752' | Frac CP1 sands as follows: 14783# 20/40 sand in 265 bbls Lightning 17 frac fluid. Treated @ avg press of 1736 psi w/avg rate of 25.2 BPM. ISIP 1660 psi. Calc flush: 5739 gal. Actual flush: 5208 gal. |
| 04-19-07 | 5860-5870' | Frac LODC sands as follows: 35135# 20/40 sand in 375 bbls Lightning 17 frac fluid. Treated @ avg press of 2009 psi w/avg rate of 25.2 BPM. ISIP 2220 psi. Calc flush: 5858 gal. Actual flush: 5006 gal. |
| 04-19-07 | 5064-5070' | Frac B1 sands as follows: 19832# 20/40 sand in 300 bbls Lightning 17 frac fluid. Treated @ avg press of 1820 psi w/avg rate of 25.5 BPM. ISIP 1850 psi. Calc flush: 5062 gal. Actual flush: 4553 gal. |
| 04-19-07 | 4784-4843' | Frac DS3 sands as follows: 29693# 20/40 sand in 360 bbls Lightning 17 frac fluid. Treated @ avg press of 2140 w/ avg rate of 25.4 BPM. ISIP 1980 psi. Calc flush: 4782 gal. Actual flush: 4242 gal. |
| 04-19-07 | 4310-4372' | Frac GB6, & GB4 sands as follows: 71931# 20/40 sand in 538 bbls Lightning 17 frac fluid. Treated @ avg press of 2566 w/ avg rate of 25.6 BPM. ISIP 1840 psi. Calc flush: 4308 gal. Actual flush: 4246 gal. |

PERFORATION RECORD

| | | | |
|----------|------------|--------|----------|
| 04-16-07 | 5741-5752' | 4 JSPF | 44 holes |
| 04-19-07 | 5511-5519' | 4 JSPF | 32 holes |
| 04-19-07 | 5064-5070' | 4 JSPF | 24 holes |
| 04-19-07 | 4838-4843' | 4 JSPF | 20 holes |
| 04-19-07 | 4784-4790' | 4 JSPF | 24 holes |
| 04-19-07 | 4364-4372' | 4 JSPF | 32 holes |
| 04-19-07 | 4342-4347' | 4 JSPF | 20 holes |
| 04-19-07 | 4310-4315' | 4 JSPF | 20 holes |

NEWFIELD

Federal 7-8-9-16

2003' FNL & 2179' FEL (NW/NE)
 Section 8, T9S, R16E
 Duchesne County, Utah
 API #43-013-33056; Lease # UTU-64379

Spud Date: 3-14-07
 Put on Production: 4-23-07
 GL: 5892' KB: 5904'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE 8-5/8"
 GRADE J-55
 WEIGHT 24#
 LENGTH 7 jts (312 93')
 DEPTH LANDED: 323.83' KB
 HOLE SIZE 12-1/4"
 CEMENT DATA. 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

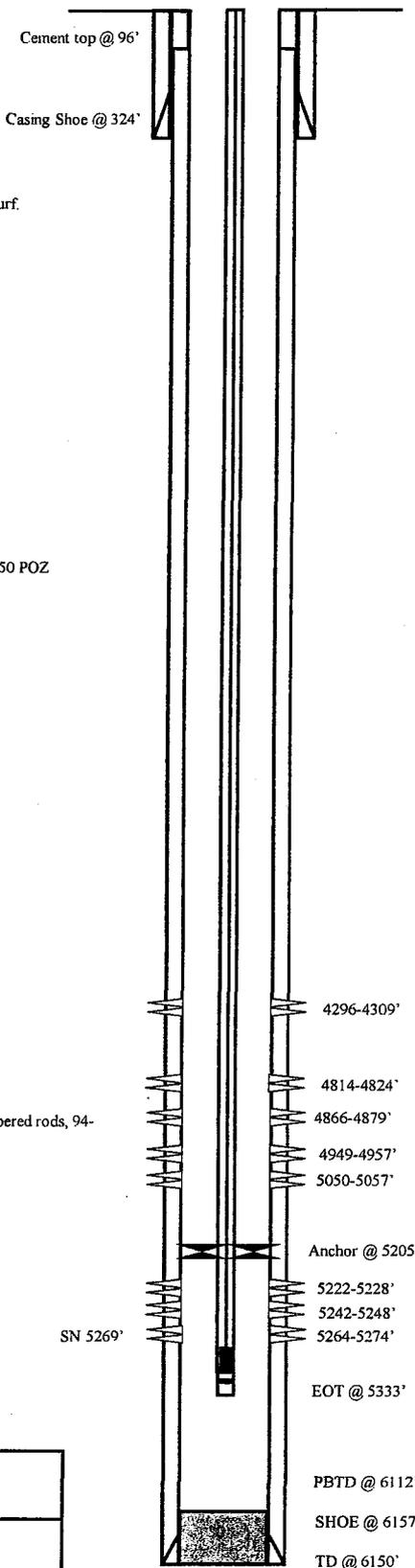
CSG SIZE 5-1/2"
 GRADE J-55
 WEIGHT 15.5#
 LENGTH 139 jts (6053 57')
 DEPTH LANDED: 6157.35' KB
 HOLE SIZE 7-7/8"
 CEMENT DATA 325 sxs Prem Lite II mixed & 450 sxs 50/50 POZ
 CEMENT TOP AT 96'

TUBING

SIZE/GRADE/WT : 2-7/8" / J-55 / 6.5#
 NO OF JOINTS 168 jts (5193 30')
 TUBING ANCHOR: 5205.30' KB
 NO OF JOINTS 2 jts (60 72')
 SEATING NIPPLE 2-7/8" (1 10')
 SN LANDED AT 5268 82' KB
 NO OF JOINTS 2 jts (63 08')
 TOTAL STRING LENGTH. EOT @ 5333.45' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
 SUCKER RODS 1-8", 6", 4", 2' X 1/4" pony rods, 98- 3/4" scraped rods, 94- 3/4" plain rods, 10- 3/4" scraped rods, 6- 1 1/2" weight rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 20' RHAC w/SM plunger
 STROKE LENGTH 120"
 PUMP SPEED, SPM. 5 SPM



FRAC JOB

| | | |
|----------|------------|---|
| 04-19-07 | 5222-5274' | Frac A3, & A1 sands as follows: 100620# 20/40 sand in 712 bbls Lightning 17 frac fluid Treated @ avg press of 1866 psi w/avg rate of 25.2 BPM ISIP 2198 psi Calc flush: 5220 gal Actual flush: 4746 gal |
| 04-19-07 | 5050-5057' | Frac B1 sands as follows: 24901# 20/40 sand in 341 bbls Lightning 17 frac fluid Treated @ avg press of 1844 psi w/avg rate of 25.6 BPM ISIP 1903 psi Calc flush: 5048 gal Actual flush: 4578 gal |
| 04-19-07 | 4949-4957' | Frac C sands as follows: 15025# 20/40 sand in 268 bbls Lightning 17 frac fluid Treated @ avg press of 2058 psi w/avg rate of 25.5 BPM ISIP 3687 psi Calc flush: 4947 gal Actual flush: 4494 gal |
| 04-19-07 | 4814-4879' | Frac D2, & D1 sands as follows: 140271# 20/40 sand in 940 bbls Lightning 17 frac fluid Treated @ avg press of 1825 w/ avg rate of 25.5 BPM ISIP 2118 psi Calc flush: 4812 gal Actual flush: 4326 gal |
| 04-20-07 | 4296-4309' | Frac GB4 sands as follows: 75560# 20/40 sand in 560 bbls Lightning 17 frac fluid Treated @ avg press of 1672 w/ avg rate of 25.4 BPM ISIP 1958 psi Calc flush 4294 gal Actual flush 4200 gal |

PERFORATION RECORD

| | | | |
|----------|------------|--------|----------|
| 04-13-07 | 5264-5274' | 4 JSPF | 40 holes |
| 04-13-07 | 5242-5248' | 4 JSPF | 24 holes |
| 04-13-07 | 5222-5228' | 4 JSPF | 24 holes |
| 04-19-07 | 5050-5057' | 4 JSPF | 28 holes |
| 04-19-07 | 4949-4957' | 4 JSPF | 32 holes |
| 04-19-07 | 4866-4879' | 4 JSPF | 52 holes |
| 04-19-07 | 4814-4824' | 4 JSPF | 40 holes |
| 04-19-07 | 4296-4309' | 4 JSPF | 52 holes |

NEWFIELD

Federal 9-8-9-16

2136' FSL & 944' FEL

NE/SE Section 8-T9S-R16E

Duchesne Co, Utah

API # 43-013-33058; Lease # UTU-64379

FEDERAL 10-8-9-16

Spud Date: 1/10/07
 Put on Production: 03/20/07
 GL: 5883' KB: 5895'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (291.07')
 DEPTH LANDED: 302.92' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 140 jts. (6164.87')
 DEPTH LANDED: 6178.12' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite il mixed & 450 sxs 50/50 POZ.
 CEMENT TOP: 48'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 181 jts (5652')
 TUBING ANCHOR: 5664'
 NO. OF JOINTS: 2 jts (63.2')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5730'
 NO. OF JOINTS: 2 jts (60.4')
 TOTAL STRING LENGTH: EOT @ 5792'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-2', 1-4', 1-8' x 3/4" ponies, 99-3/4" scraped rods, 93-3/4" plain rods, 30-3/4" scraped rods 6-1 1/2" weight rods.
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16' RHAC w/ sm Plunger
 STROKE LENGTH: 86"
 PUMP SPEED, 5 SPM

FRAC JOB

03/14/07 5689-5705' **Frac C P1 sands as follows:**
 70351# 20/40 sand in 534 bbls Lightning 17 frac fluid. Treated @ avg press of 1715 psi w/avg rate of 25.3 BPM. ISIP 1865 psi. Calc flush: 5687 gal. Actual flush: 5166 gal.

02/26/07 5227-5242' **Frac A1 sands as follows:**
 70779# 20/40 sand in 576 bbls Lightning 17 frac fluid. Treated @ avg press of 1820 psi w/avg rate of 25.3 BPM. ISIP 2700 psi. Calc flush: 5225 gal. Actual flush: 4746 gal.

03/15/07 5039-4948' **Frac C & B1 sands as follows:**
 60243# 20/40 sand in 479 bbls Lightning 17 frac fluid. Treated @ avg press of 1637 psi w/avg rate of 25.2 BPM. ISIP 1750 psi. Calc flush: 5037 gal. Actual flush: 4444 gal.

03/15/07 4787-4792' **Frac D1 sands as follows:**
 14960# 20/40 sand in 232 bbls Lightning 17 frac fluid. Treated @ avg press of 1709 psi w/avg rate of 25.3 BPM. ISIP 1740 psi. Calc flush: 4785 gal. Actual flush: 4240 gal

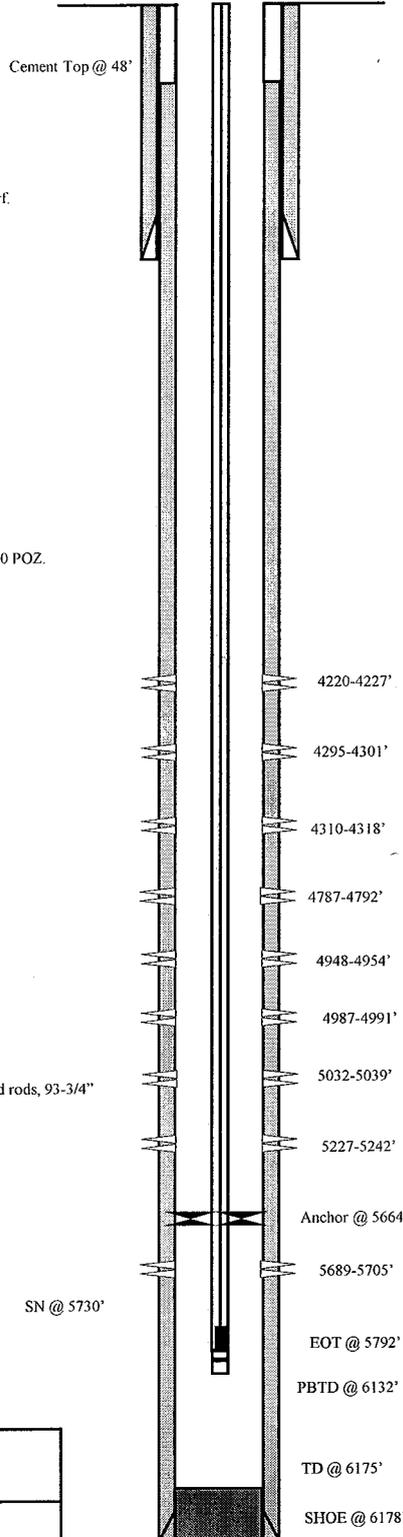
03/15/07 4318-4295' **Frac CB6 sands as follows:**
 40023# 20/40 sand in 358 bbls Lightning 17 frac fluid. Treated @ avg press of 1617 psi w/avg rate of 14.7 BPM. ISIP 2025 psi. Calc flush: 4316 gal. Actual flush: 3822 gal

03/01/07 4220-4227' **Frac CB4 sands as follows:**
 23024# 20/40 sand in 251 bbls Lightning 17 frac fluid. Treated @ avg press of 2030 psi w/avg rate of 25.2 BPM. ISIP 2030 psi. Calc flush: 4218 gal. Actual flush: 4116 gal

11-30-07 Pump Change. Updated rod & tubing details.
 2/22/08 Pump change. Updated rod & tubing details.
 3/23/09 Pump change. Updated r & t details.
 10/8/09 Parted rods. Updated rod & tubing details.
 1/23/2010 Tubing Leak. Update rod and tubing details.

PERFORATION RECORD

| | | | |
|----------|------------|--------|----------|
| 03/07/07 | 5689-5705' | 4 JSPF | 64 holes |
| 03/14/07 | 5227-5242' | 4 JSPF | 60 holes |
| 03/14/07 | 5032-5039' | 4 JSPF | 28 holes |
| 03/14/07 | 4987-4991' | 4 JSPF | 16 holes |
| 03/14/07 | 4948-4954' | 4 JSPF | 24 holes |
| 03/14/07 | 4787-4792' | 4 JSPF | 20 holes |
| 03/15/07 | 4310-4318' | 4 JSPF | 32 holes |
| 03/15/07 | 4295-4301' | 4 JSPF | 24 holes |
| 03/15/07 | 4220-4227' | 4 JSPF | 28 holes |





FEDERAL 10-8-9-16
 1837' FSL & 1994' FEL
 NW/SE Section 8-T9S-R16E
 Duchesne Co, Utah
 API #43-047-33059; Lease # UTU-64379

Federal 16-8-9-16

Spud Date: 02/06/07
Put on Production: 03/21/07

K.B.: 5876, G.L.: 5864

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (308.18')
DEPTH LANDED: 320.03' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 138 jts. (6054.21')
DEPTH LANDED: 6104.47' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 301 sxs Prem. Lite II mixed & 449 sxs 50/50 POZ.

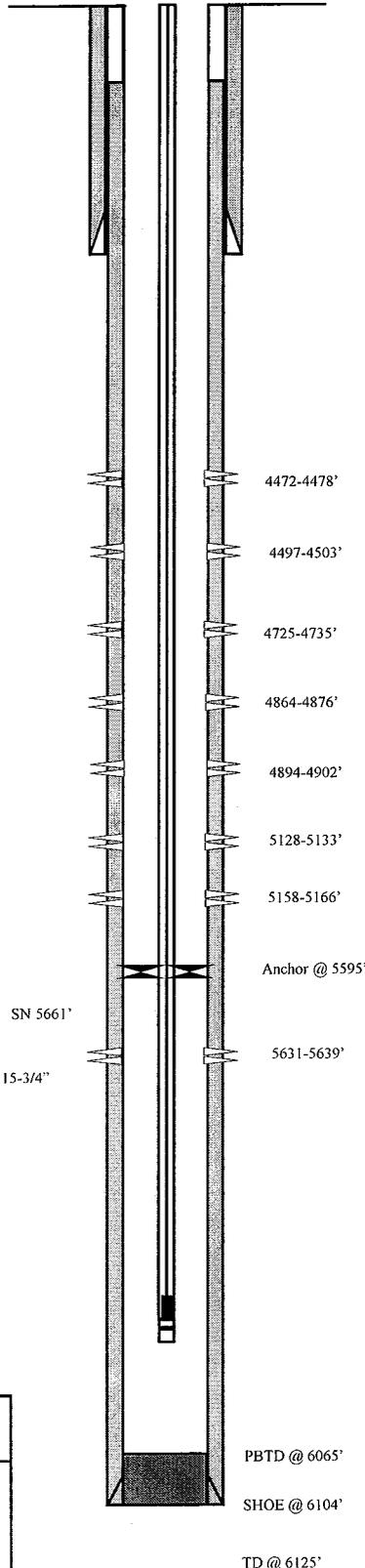
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 177 jts (5583.61')
TUBING ANCHOR: 5595.61' KB
NO. OF JOINTS: jts (63.06')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5661.42' KB
NO. OF JOINTS: 2 jts (63.12')
TOTAL STRING LENGTH: EOT @ 5726.09' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-8", 1-4" 1-2" x 3/4" pony rod, 94-3/4" guided rods, 115-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 14.5" RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, 5 SPM:

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

| | | |
|----------|------------|---|
| 03/13/07 | 5627-5732' | Frac CP2, sands as follows: 26883# 20/40 sand in 357 bbls Lightning 17 frac fluid. Treated @ avg press of 2479 psi w/avg rate of 25.2 BPM. ISIP 2080 psi. Calc flush: 5730 gal. Actual flush: 5124 gal. |
| 03/13/07 | 5128-5166' | Frac A3 sands as follows: 24821# 20/40 sand in 347bbls Lightning 17 frac fluid. Treated @ avg press of 2094psi w/avg rate of 25.2 BPM. ISIP 2080 psi. Calc flush: 5164 gal. Actual flush: 4624 gal. |
| 03/13/07 | 4864-4902' | Frac C sands as follows: 95479# 20/40 sand in 684 bbls Lightning 17 frac fluid. Treated @ avg press of 1795 psi w/avg rate of 25.2 BPM. ISIP 2133 psi. Calc flush: 4900 gal. Actual flush: 4364 gal. |
| 03/13/07 | 4725-4735' | Frac D1 sands as follows: 45323# 20/40 sand in 377 bbls Lightning 17 frac fluid. Treated @ avg press of 1834 psi w/avg rate of 25.2 BPM. ISIP 2100 psi. Calc flush: 4733 gal. Actual flush: 4204 gal. |
| 03/13/07 | 4472-4503' | Frac PB10, PB11 sands as follows: 22086# 20/40 sand in 270 bbls Lightning 17 frac fluid. Treated @ avg press of 2550 psi w/avg rate of 25.3 BPM. ISIP 2425 psi. Calc flush: 4501 gal. Actual flush: 4368 gal. |

PERFORATION RECORD

| | | | |
|----------|------------|--------|----------|
| 03/01/07 | 5631-5639' | 4 JSPF | 32 holes |
| 03/13/07 | 5158-5166' | 4 JSPF | 32 holes |
| 03/13/07 | 5128-5133' | 4 JSPF | 20 holes |
| 03/13/07 | 4894-4902' | 4 JSPF | 32 holes |
| 03/13/07 | 4864-4876' | 4 JSPF | 48 holes |
| 03/13/07 | 4725-4735' | 4 JSPF | 40 holes |
| 03/13/07 | 4497-4503' | 4 JSPF | 24 holes |
| 03/13/07 | 4472-4478' | 4 JSPF | 24 holes |



NEWFIELD

Federal 16-8-9-16
418' FSL & 629' FEL
SE/SE Section 8-T9S-R16E
Duchesne Co, Utah
API #43-013-33061; Lease #UTU-64379

Spud Date: 07/26/2009
 Put on Production: 08/28/2009
 GL: 5827' KB: 5839'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (300')
 DEPTH LANDED: 312'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 210 sxs Class "G" cmt.

PRODUCTION CASING

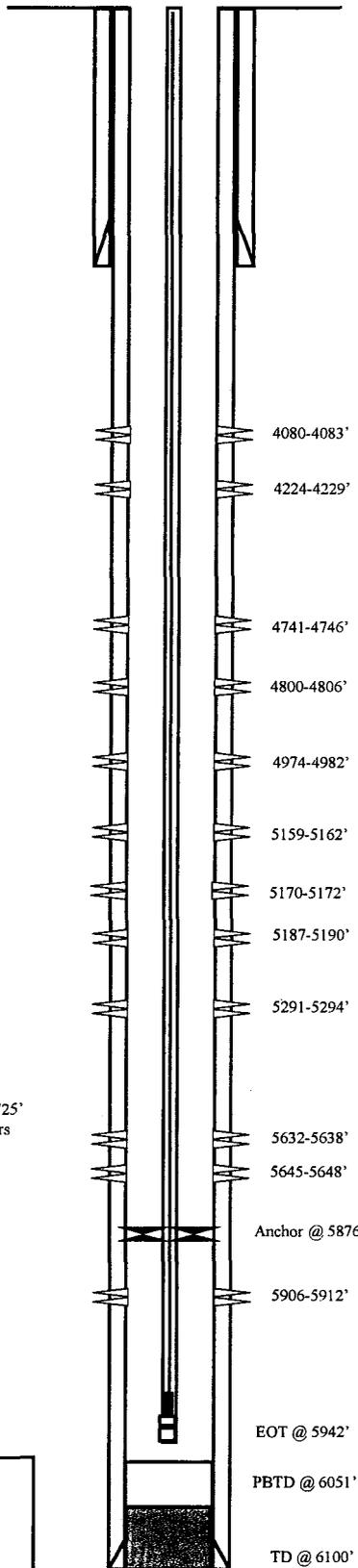
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 155 jts (6039')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 6093.01'
 CEMENT DATA: 265 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 40'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 185 jts (5832.3')
 TUBING ANCHOR: 5876'
 NO. OF JOINTS: 1 jts (31.5')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5879.7' KB
 NO. OF JOINTS: 2 jts (62')
 TOTAL STRING LENGTH: EOT @ 5941.75'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 100 - 3/4" = 2500' 4 per guided rods, 109 - 3/4" = 2725' sucker rod, 20 - 3/4" = 500' 4 per guided rods, 6-1 1/2" = 150' weight bars
 PUMP SIZE: 2 1/2" x 1 1/2" x 16' x 20' RHAC pump
 STROKE LENGTH: 120
 PUMP SPEED, SPM 5



FRAC JOB

| | | |
|----------|--------------|---|
| 08-31-09 | 5906 - 5912' | Frac CP4 sands as follows: Frac with 15001# 20/40 sand in 125 bbls Lightning 17 fluid. |
| 08-31-09 | 5632 - 5648' | Frac CP1 sands as follows: Frac with 71037# 20/40 sand in 426 bbls Lightning 17 fluid. |
| 08-31-09 | 5159 - 5294' | Frac A3 & LODC sands as follows: Frac with 116748# 20/40 sand in 700 bbls Lightning 17 fluid. |
| 08-31-09 | 4974 - 4982' | Frac B1 sands as follows: Frac with 50899# 20/40 sand in 307 bbls Lightning 17 fluid. |
| 08-31-09 | 4741 - 4806' | Frac D1 & D2 sands as follows: Frac with 136468# 20/40 sand in 834 bbls Lightning 17 fluid. |
| 08-31-09 | 4080 - 4229' | Frac GB4 & GB2 sands as follows: Frac with 43808# 20/40 sand in 291 bbls Lightning 17 fluid. |
| 10-28-09 | | Tubing Leak. Updated rod & tubing details. |
| 10-09-10 | | Pump Change. Rod & tubing updated. |
| 5/26/11 | | Tubing Leak. Updated rod and tubing detail. |

PERFORATION RECORD

| | | |
|--------------|--------|----------|
| 5906 - 5912' | 3 JSPF | 18 holes |
| 5645 - 5648' | 3 JSPF | 9 holes |
| 5632 - 5638' | 3 JSPF | 18 holes |
| 5291 - 5294' | 3 JSPF | 9 holes |
| 5187 - 5190' | 3 JSPF | 9 holes |
| 5170 - 5172' | 3 JSPF | 6 holes |
| 5159 - 5162' | 3 JSPF | 9 holes |
| 4974 - 4982' | 3 JSPF | 24 holes |
| 4800 - 4806' | 3 JSPF | 18 holes |
| 4741 - 4746' | 3 JSPF | 15 holes |
| 4224 - 4229' | 3 JSPF | 15 holes |
| 4080 - 4083' | 3 JSPF | 9 holes |

NEWFIELD

Federal 12-9-9-16
 1710' FSL & 443' FWL NW/SW
 Section 9-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33969; Lease #UTU-85210

FEDERAL 13-9-9-16

Spud Date: 04/21/07
 Put on Production: 5/31/07
 GL: 5878' KB: 5890'

Initial Production: 63 BOPD,
 11 MCFD, 56 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (313.03')
 DEPTH LANDED: 323.03' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts. (6018.39')
 DEPTH LANDED: 6014.39' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 TOP OF CEMENT: Surface

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 179 jts (5597.6')
 TUBING ANCHOR: 5609.6' KB
 NO. OF JOINTS: 2 jts (62.6')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5675.0' KB
 NO. OF JOINTS: 2 jts (62.7')
 TOTAL STRING LENGTH: EOT @ 5739' KB

SUCKER RODS

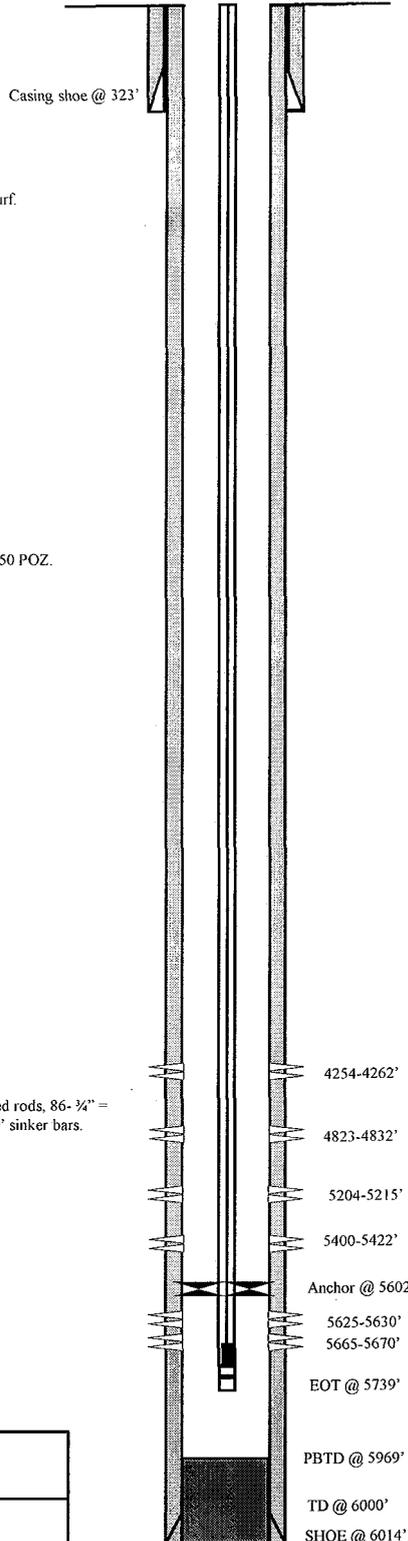
POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 1 x 3/4" = 4' pony rod, 89-3/4" = 2250' guided rods, 86-3/4" = 2150' sucker rods, 44-3/4" = 1100' guided rods, 6- 1 1/2" = 150' sinker bars.
 PUMP SIZE: CDI 2-1/2" x 1-1/4" x 16' x 20' RHAC
 STROKE LENGTH: 102"
 PUMP SPEED, SPM: 5

FRAC JOB

| | | |
|------------|------------|---|
| 05/25/07 | 5625-5670' | Frac CP.5 & CP2 sands as follows: 14942# 20/40 sand in 271 bbls Lightning 17 frac fluid. Treated @ avg press of 2299 psi w/avg rate of 24.6 BPM. ISIP 2063 psi. Calc flush: 5623 gal. Actual flush: 5120 gal. |
| 05/25/07 | 5400-5422' | Frac LODC sands as follows: 138714# 20/40 sand in 970 bbls Lightning 17 frac fluid. Treated @ avg press of 2903 psi w/avg rate of 24.7 BPM. ISIP 3560 psi. Calc flush: 5398 gal. Actual flush: 4893 gal. |
| 05/25/07 | 5204-5215' | Frac A3 sands as follows: 55148# 20/40 sand in 467 bbls Lightning 17 frac fluid. Treated @ avg press of 2274 psi w/avg rate of 24.6 BPM. ISIP 2052 psi. Calc flush: 5202 gal. Actual flush: 4696 gal. |
| 05/25/07 | 4823-4832' | Frac D2 sands as follows: 50506# 20/40 sand in 419 bbls Lightning 17 frac fluid. Treated @ avg press of 1952 psi w/avg rate of 24.7 BPM. ISIP 2034 psi. Calc flush: 4821 gal. Actual flush: 4284 gal. |
| 05/25/07 | 4254-4262' | Frac GB4 sands as follows: 13089# 20/40 sand in 202 bbls Lightning 17 frac fluid. Treated @ avg press of 1894 psi w/avg rate of 24.5 BPM. ISIP 1700 psi. Calc flush: 4252 gal. Actual flush: 4200 gal. |
| 2/24/09 | | Tubing Leak. Updated r & t details. |
| 1/29/10 | | Tubing Leak. Updated rod and tubing detail. |
| 8/1/2010 | | Parted rods. Updated rod and tubing detail. |
| 11/24/2010 | | Parted rods. Updated rod and tubing detail. |
| 5/20/11 | | Tubing leak. Updated rod and tubing detail. |

PERFORATION RECORD

| | | | |
|----------|------------|--------|----------|
| 05/14/07 | 5665-5670' | 4 JSPF | 20 holes |
| 05/14/07 | 5625-5630' | 4 JSPF | 20 holes |
| 05/25/07 | 5400-5422' | 4 JSPF | 88 holes |
| 05/25/07 | 5204-5215' | 4 JSPF | 44 holes |
| 05/25/07 | 4823-4832' | 4 JSPF | 36 holes |
| 05/25/07 | 4254-4262' | 4 JSPF | 32 holes |





FEDERAL 13-9-9-16

734'FSL & 625' FWL

SW/SW Section 9-T9S-R16E

Duchesne Co, Utah

API #43-013-33052; Lease # UTU-64379

Federal 1-17-9-16

Spud Date: 9-13-06
 Put on Production: 11-15-06
 GL: 5878' KB: 5890'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (311.97')
 DEPTH LANDED: 323.82' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

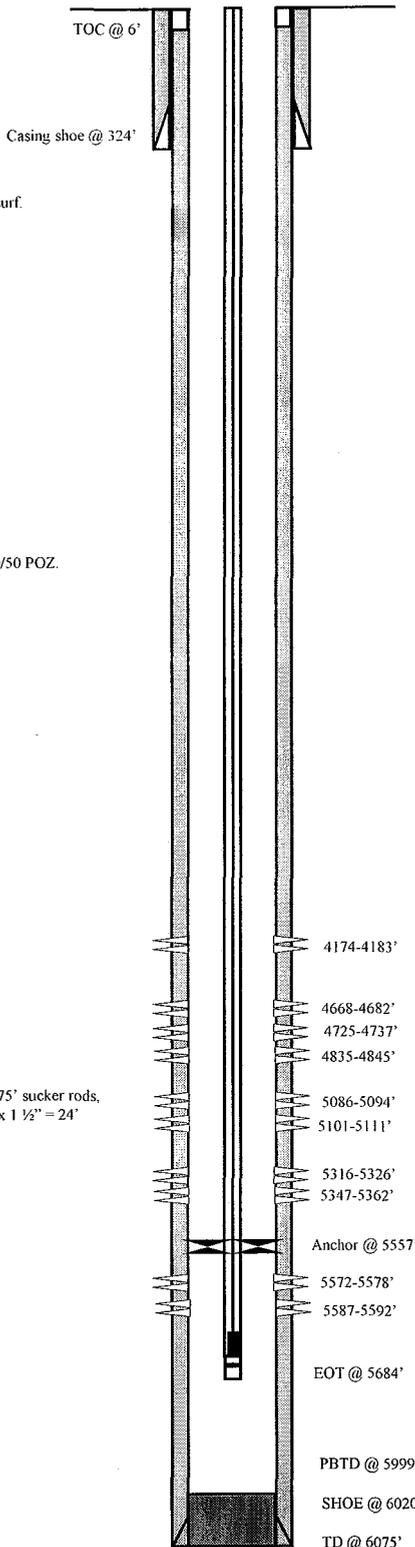
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts. (6007.66')
 DEPTH LANDED: 6020.91' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 6'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 183 jts (5544.7')
 TUBING ANCHOR: 5556.7' KB
 NO. OF JOINTS: 2 jts (63.1')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5622.6' KB
 NO. OF JOINTS: 2 jts (59.6')
 TOTAL STRING LENGTH: EOT @ 5684' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 99 x 3/4" = 2475' guided rods, 107 x 3/4" = 2675' sucker rods,
 10 x 3/4" = 250' guided rods, 6 x 1 1/2" = 150' weighted bars, 6 x 1 1/2" = 24'
 stabilizer rod
 PUMP SIZE: 2-1/2" x 1-1/4" x 12' x 16 RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM



FRAC JOB

11-07-06 5572-5592' **Frac CP1 sands as follows:**
 25276# 20/40 sand in 354 bbls Lightning 17
 frac fluid. Treated @ avg press of 2000 psi
 w/avg rate of 25.5 BPM. ISIP 2000 psi. Calc
 flush: 5107 gal. Actual flush: 5570 gal.

11-07-06 5316-5362' **Frac LODC sands as follows:**
 140563# 20/40 sand in 964 bbls Lightning 17
 frac fluid. Treated @ avg press of 2425 psi
 w/avg rate of 25 BPM. ISIP 2450 psi. Calc
 flush: 4809 gal. Actual flush: 5314 gal.

11-08-06 5086-5111' **Frac A 1 sands as follows:**
 90538# 20/40 sand in 724 bbls Lightning 17
 frac fluid. Treated @ avg press of psi
 w/avg rate of BPM. ISIP 2190 psi. Calc
 flush: 4578 gal. Actual flush: 5084 gal.

11-08-06 4835-4845' **Frac C sands as follows:**
 30222# 20/40 sand in 404 bbls Lightning 17
 frac fluid. Treated @ avg press of 2105 w/
 avg rate of 25.5 BPM. ISIP 2060 psi. Calc
 flush: 4368 gal. Actual flush: 4833 gal.

11-08-06 4668-4737' **Frac D1, & D2 sands as follows:**
 80170# 20/40 sand in 587 bbls Lightning 17
 frac fluid. Treated @ avg press of 1932 w/
 avg rate of 25.5 BPM. ISIP 2090 psi. Calc
 flush: 4162 gal. Actual flush: 4666 gal.

11-08-06 4174-4183' **Frac GB4 sands as follows:**
 27661# 20/40 sand in 296 bbls Lightning 17
 frac fluid. Treated @ avg press of 1800 w/
 avg rate of 25.3 BPM. ISIP 1818 psi. Calc
 flush: 4032 gal. Actual flush: 4172 gal.

4/13/11 Tubing leak. Updated rod & tubing detail.

PERFORATION RECORD

| Date | Depth Range | Tool | Holes |
|----------|-------------|--------|----------|
| 11-01-06 | 5587-5592' | 4 JSPF | 20 holes |
| 11-01-06 | 5572-5578' | 4 JSPF | 24 holes |
| 11-07-06 | 5347-5362' | 4 JSPF | 60 holes |
| 11-07-06 | 5316-5326' | 4 JSPF | 40 holes |
| 11-07-06 | 5101-5111' | 4 JSPF | 40 holes |
| 11-07-06 | 5086-5094' | 4 JSPF | 32 holes |
| 11-08-06 | 4835-4845' | 4 JSPF | 40 holes |
| 11-08-06 | 4725-4737' | 4 JSPF | 48 holes |
| 11-08-06 | 4668-4682' | 4 JSPF | 56 holes |
| 11-08-06 | 4174-4183' | 4 JSPF | 36 holes |



Federal 1-17-9-16
 660' FNL & 660' FEL
 NE/NE Section 17-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33028; Lease # UTU-64379

Federal 2-17-9-16

Spud Date: 08/29/06
 Put on Production: 10/10/06
 K.B.: 5898, G.L.: 5886

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (311.30')
 DEPTH LANDED: 323.15' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 138 jts. (6063.92')
 DEPTH LANDED: 6063.17' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 180 jts (5692.60')
 TUBING ANCHOR: 5693' KB
 NO. OF JOINTS: 2 jts (63.23')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5759' KB
 NO. OF JOINTS: 2 jts (63.21')
 TOTAL STRING LENGTH: EOT @ 5823' KB

SUCKER RODS

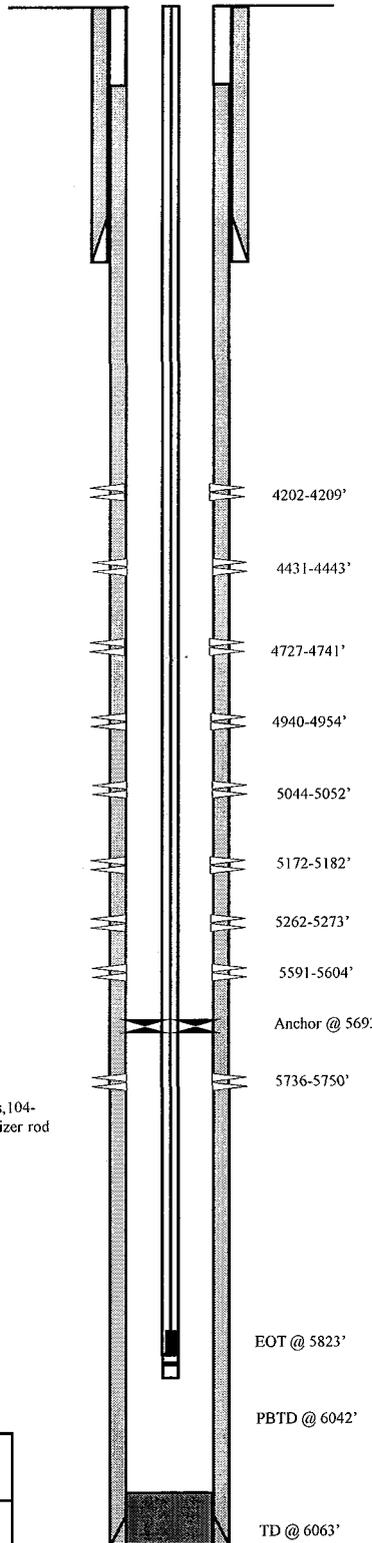
POLISHED ROD: 1-1/2" x 26' SM
 SUCKER RODS: 3-4", 1-6", 1-8" x 3/4" pony rod, 99-3/4" guided rods, 104-3/4" sucker rods, 20-3/4" guided rods, 6-1/2" weight rods, 1-1" Stabilizer rod
 PUMP SIZE: 2-1/2" x 1-1/2" x 14' x 16' RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, 5 SPM:

FRAC JOB

| | | |
|----------|------------|---|
| 10/03/06 | 5736-5750' | Frac CP3, sands as follows: 29681# 20/40 sand in 375 bbls Lightning 17 frac fluid. Treated @ avg press of 2184 psi w/avg rate of 24.9 BPM. ISIP 2000 psi. Calc flush: 5748 gal. Actual flush: 5250 gal. |
| 10/03/06 | 5591-5604' | Frac CP1 sands as follows: 34101# 20/40 sand in 395 bbls Lightning 17 frac fluid. Treated @ avg press of 2194 psi w/avg rate of 24.6 BPM. ISIP 2050 psi. Calc flush: 5602 gal. Actual flush: gal. |
| 10/03/06 | 5262-5273' | Frac LODC sands as follows: 49346# 20/40 sand 429 bbls Lightning 17 frac fluid. Treated @ avg press of 2882 psi w/avg rate of 24.6 BPM. ISIP 2700 psi. Calc flush: 5271 gal. Actual flush: 4788 gal. |
| 10/03/06 | 5172-5182' | Frac A3 sands as follows: 29420# 20/40 sand in 358 bbls Lightning 17 frac fluid. Treated @ avg press of 2296 psi w/avg rate of 24.7 BPM. ISIP 2150 psi. Calc flush: 5180 gal. Actual flush: 4662 gal. |
| 10/04/06 | 5044-5052' | Frac A1 sands as follows: 34720# 20/40 sand in 386 bbls Lightning 17 frac fluid. Treated @ avg press of 2198 psi w/avg rate of 24.8 BPM. ISIP 2600 psi. Calc flush: 5050 gal. Actual flush: 4578 gal. |
| 10/04/06 | 4940-4954' | Frac B2 sands as follows: 59969# 20/40 sand in 475 bbls Lightning 17 frac fluid. Treated @ avg press of 1792 psi w/avg rate of 24.9 BPM. ISIP 1900 psi. Calc flush: 4952 gal. Actual flush: 4368 gal. |
| 10/04/06 | 4727-4741' | Frac D2 sands as follows: 34580# 20/40 sand in 374 bbls Lightning 17 frac fluid. Treated @ avg press of 1871 psi w/avg rate of 24.9 BPM. ISIP 2050 psi. Calc flush: 4739 gal. Actual flush: 4242 gal. |
| 10/04/06 | 4431-4443' | Frac PB10 sands as follows: 50316# 20/40 sand in 406 bbls Lightning 17 frac fluid. Treated @ avg press of 2487 psi w/avg rate of 24.7 BPM. ISIP 2650 psi. Calc flush: 4441 gal. Actual flush: 3948 gal. |
| 10/04/06 | 4202-4209' | Frac GB6 sands as follows: 31683# 20/40 sand in 336 bbls Lightning 17 frac fluid. Treated @ avg press of 2175 psi w/avg rate of 24.9 BPM. ISIP 2200 psi. Calc flush: 4207 gal. Actual flush: 4074 gal. |
| 05/20/11 | | Pump Change. Rod & tubing details updated. |

PERFORATION RECORD

| | | | |
|----------|------------|--------|----------|
| 09/29/06 | 5736-5750' | 4 JSPF | 56 holes |
| 10/03/06 | 5591-5604' | 4 JSPF | 52 holes |
| 10/03/06 | 5262-5273' | 4 JSPF | 44 holes |
| 10/03/06 | 5172-5182' | 4 JSPF | 40 holes |
| 10/03/06 | 5044-5052' | 4 JSPF | 32 holes |
| 10/04/06 | 4940-4954' | 4 JSPF | 56 holes |
| 10/04/06 | 4727-4741' | 4 JSPF | 56 holes |
| 10/04/06 | 4431-4443' | 4 JSPF | 48 holes |
| 10/04/06 | 4202-4209' | 4 JSPF | 28 holes |





Federal 2-17-9-16
 669' FNL & 1785' FEL
 NW/NE Section 17-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33029; Lease #UTU-64379

Federal 7-17-9-16

Spud Date: 8-26-06
 Put on Production: 10-5-06
 GL: 5941' KB: 5953'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (310.66')
 DEPTH LANDED: 322.51' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

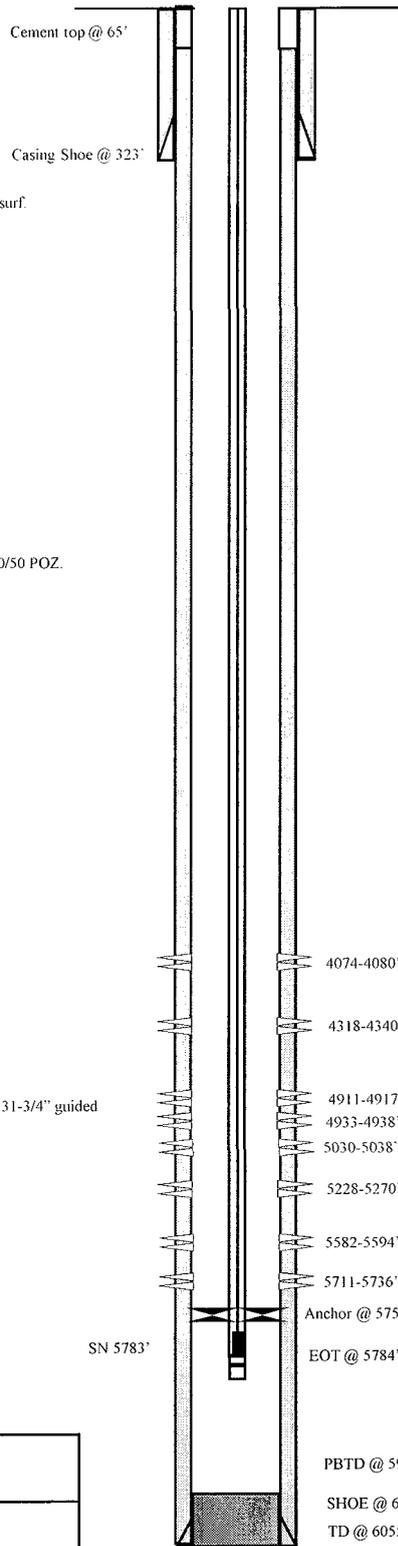
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts (6031.04')
 DEPTH LANDED: 6044.29' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 525 sxs 50/50 POZ.
 CEMENT TOP AT: 65'

TUBING

SIZE/GRADE/WT.: 2-7/8" J-55
 NO. OF JOINTS: 180 jts (5703.5')
 NO. OF JOINTS: 1 jt (32.6)
 TUBING ANCHOR: 5750.9'
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5783.5' KB
 NO. OF JOINTS: 1 jts (31.5')
 TOTAL STRING LENGTH: EOT @ 5784'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'
 SUCKER RODS: 1-4", x 3/4" pony rods, 192-3/4" guided rods, 31-3/4" guided rods, 6-1 1/2" wt bars
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' x 20'
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 4 SPM



FRAC JOB

| | | |
|-----------|-------------|--|
| 09-28-06 | 5711-5736' | Frac CP3 sands as follows: 60051# 20/40 sand in 542 bbls Lightning 17 frac fluid. Treated @ avg press of 1785 psi w/avg rate of 24.6 BPM. ISIP 2010 psi. Calc flush: 5709 gal. Actual flush: 5208 gal. |
| 09-28-06 | 5582-5594' | Frac CP1 sands as follows: 34140# 20/40 sand in 432 bbls Lightning 17 frac fluid. Treated @ avg press of 1965 psi w/avg rate of 25 BPM. ISIP 2520 psi. Calc flush: 5580 gal. Actual flush: 5053 gal. |
| 09-28-06 | 5228-5270' | Frac LODC sands as follows: 119568# 20/40 sand in 828 bbls Lightning 17 frac fluid. Treated @ avg press of 2275 psi w/avg rate of 25.3 BPM. ISIP 2420 psi. Calc flush: 5226 gal. Actual flush: 4713 gal. |
| 09-28-06 | 5030-5038' | Frac A1 sands as follows: 28464# 20/40 sand in 351 bbls Lightning 17 frac fluid. Treated @ avg press of 2205 w/ avg rate of 25 BPM. ISIP 2340 psi. Calc flush: 5028 gal. Actual flush: 4536 gal. |
| 09-29-06 | 4911-4938' | Frac B2, & B1 sands as follows: 29823# 20/40 sand in 349 bbls Lightning 17 frac fluid. Treated @ avg press of 1850 w/ avg rate of 25.2 BPM. ISIP 1815 psi. Calc flush: 4909 gal. Actual flush: 4326 gal. |
| 09-29-06 | 4318-4340' | Frac PB7 sands as follows: 73425# 20/40 sand in 552 bbls Lightning 17 frac fluid. Treated @ avg press of 2830 w/ avg rate of 24.9 BPM. ISIP 3290 psi. Calc flush: 4316 gal. Actual flush: 3822 gal. |
| 09-29-06 | 4074-4080' | Frac GB2 sands as follows: 20053# 20/40 sand in 289 bbls Lightning 17 frac fluid. Treated @ avg press of 1945 w/ avg rate of 25 BPM. ISIP 1770 psi. Calc flush: 4072 gal. Actual flush: 3990 gal. |
| 03-17-08 | | Major Workover |
| 03-14-08 | 5030'-5038' | Acidize and Squeeze A1 sands as follows: pump 7 bbls techni-hib 767, 4 drms acid ave pump press @ 1816psi @ 2.2 BPM. ISIP @ 2100psi. |
| 03-14-08 | 5228'-5270' | Acidize LODC sand as follows: 20 bbls techni-hib 767, 8 drms acid ave pump press 2128psi @ 4.3 BPM. ISIP @ 2000psi |
| 03-14-08 | 5582'-5594' | Acidize CP1 sands as follows: 20 bbls techni-hib, 5 drms acid. Ave pump press @ 2585psi @ 2.7 BPM. ISIP @ 2058psi |
| 03-14-08 | 5711'-5736' | Acidize CP3 sands as follows: 20 bbls techni-hib, 8 drms acid. Ave pump press @ 2307psi @ 3.9 BPM. ISIP @ 1655psi |
| 02-15-07 | | Pump Change: Update rod and tubing details. |
| 04-13-07 | | Tubing Leak: Updated rod and tubing detail. |
| 7-18-07 | | Tubing Leak: Updated rod & tubing detail. |
| 1/12/09 | | Tubing Leak: Updated rod & tubing details. |
| 8/26/09 | | Tubing Leak: Updated rod & tubing details. |
| 9/22/2010 | | Major Workover. Update rod and tubing details |
| 1/27/2011 | | Tubing Leak. Update rod and tubing details. |

PERFORATION RECORD

| | | | |
|----------|------------|--------|-----------|
| 09-20-06 | 5711-5736' | 4 JSPF | 100 holes |
| 09-28-06 | 5582-5594' | 4 JSPF | 48 holes |
| 09-28-06 | 5228-5270' | 4 JSPF | 84 holes |
| 09-28-06 | 5030-5038' | 4 JSPF | 32 holes |
| 09-28-06 | 4933-4938' | 4 JSPF | 20 holes |
| 09-28-06 | 4911-4917' | 4 JSPF | 24 holes |
| 09-29-06 | 4318-4340' | 4 JSPF | 88 holes |
| 09-29-06 | 4074-4080' | 4 JSPF | 24 holes |

NEWFIELD

Federal 7-17-9-16

1974' FNL & 2179' FEL

SW/NE Section 17-T9S-R16E

Duchesne Co, Utah

API # 43-013-33030; Lease # UTU-64379

West Point #11-8-9-16

Spud Date: 11/20/2001
 Put on Production: 1/10/2002
 GL: 5922' KB: 5932'

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (298.45')
 DEPTH LANDED: 306.45'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs Class "G" cmt, est 4 bbl cmt to surface.

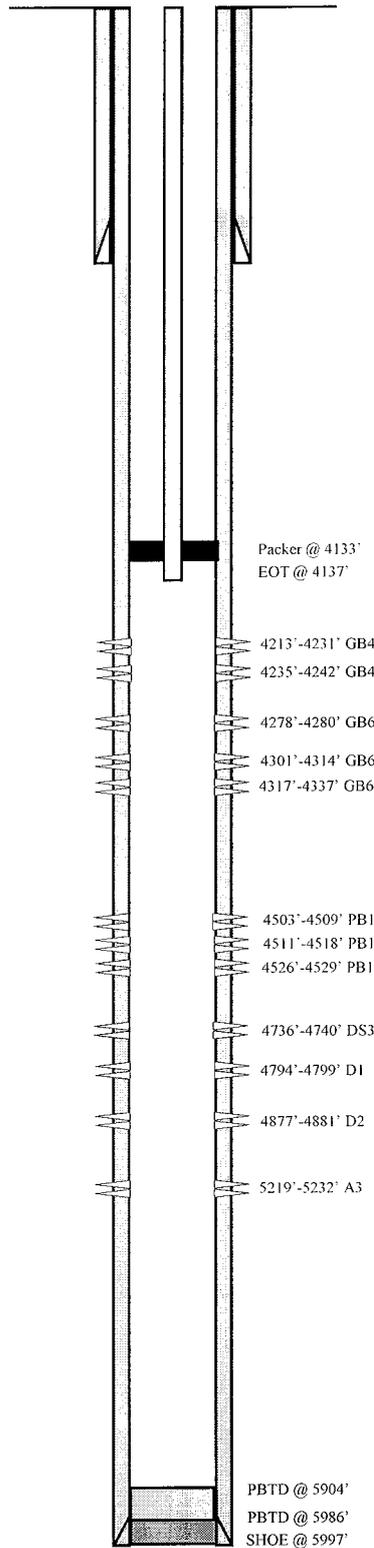
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 144 jts (6006.41')
 DEPTH LANDED: 5996.97'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 275 sk Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: Surface

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 128 jts (4118.67')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4128.67' KB
 PACKER: 4132.98'
 TOTAL STRING LENGTH: EOT @ 4137.08'

Injection Wellbore
Diagram



FRAC JOB

1/3/02 5219-5232' **Frac A-3 sand as follows:**
 38,000# 20/40 sand in 347 bbls Viking I-25 fluid. Treated @ avg press of 2200 psi w/avg rate of 28.5 BPM. ISIP 2180 psi. Calc. flush: 5219 gal., Act. flush: 5166 gal.

1/3/02 4736'-4881' **Frac D-1, D-2 sand as follows:**
 41,610# 20/40 sand in 385 bbls Viking I-25 fluid. Treated @ avg press of 1950 psi w/avg rate of 28.5 BPM. ISIP 2020 psi. Calc. flush: 4794 gal., Act. flush: 4662 gal.

1/3/02 4213'-4337' **Frac GB sand as follows:**
 193,610# 20/40 sand in 1267 bbls Viking I-25 fluid. Treated @ avg press of 1950 psi w/avg rate of 28.5 BPM. ISIP 2050 psi. Calc. flush: 4213 gal., Act. flush: 4116 gal.

4/25/03 Stuck Pump. Update rod details.
 4/21/04 Converted to injector. Ready for MIT.
 4/1/09 5 Year MIT completed and submitted.

PERFORATION RECORD

| Date | Interval | Tool | Holes |
|---------|-------------|--------|----------|
| 1/2/02 | 5219'-5232' | 4 JSPF | 32 holes |
| 1/3/02 | 4877'-4881' | 4 JSPF | 16 holes |
| 1/3/02 | 4794'-4799' | 4 JSPF | 20 holes |
| 1/3/02 | 4736'-4740' | 4 JSPF | 16 holes |
| 1/3/02 | 4526'-4529' | 4 JSPF | 12 holes |
| 1/3/02 | 4511'-4518' | 4 JSPF | 28 holes |
| 1/3/02 | 4503'-4509' | 4 JSPF | 24 holes |
| 1/3/02 | 4317'-4337' | 4 JSPF | 80 holes |
| 1/3/02 | 4301'-4314' | 4 JSPF | 52 holes |
| 1/3/02 | 4278'-4280' | 4 JSPF | 08 holes |
| 1/3/02 | 4235'-4242' | 4 JSPF | 28 holes |
| 1/3/02 | 4213'-4231' | 4 JSPF | 72 holes |
| 4/20/04 | 5802'-5816' | 4 JSPF | 56 holes |
| 4/20/04 | 5660'-5664' | 4 JSPF | 16 holes |



West Point #11-8-9-16
 1919' FSL & 1797' FWL
 NE/SW Section 8-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32285; Lease #UTU-74390

West Point #13-8-9-16

Spud Date: 11/19/2001
 Put on Production: 1/4/2002
 GL: 5982' KB: 5992'

Initial Production: 49.3 BOPD,
 1075.4 MCFD, 9.7 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (304.68')
 DEPTH LANDED: 312.68'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs Class "G" cmt. est 4 bbl cmt to surf

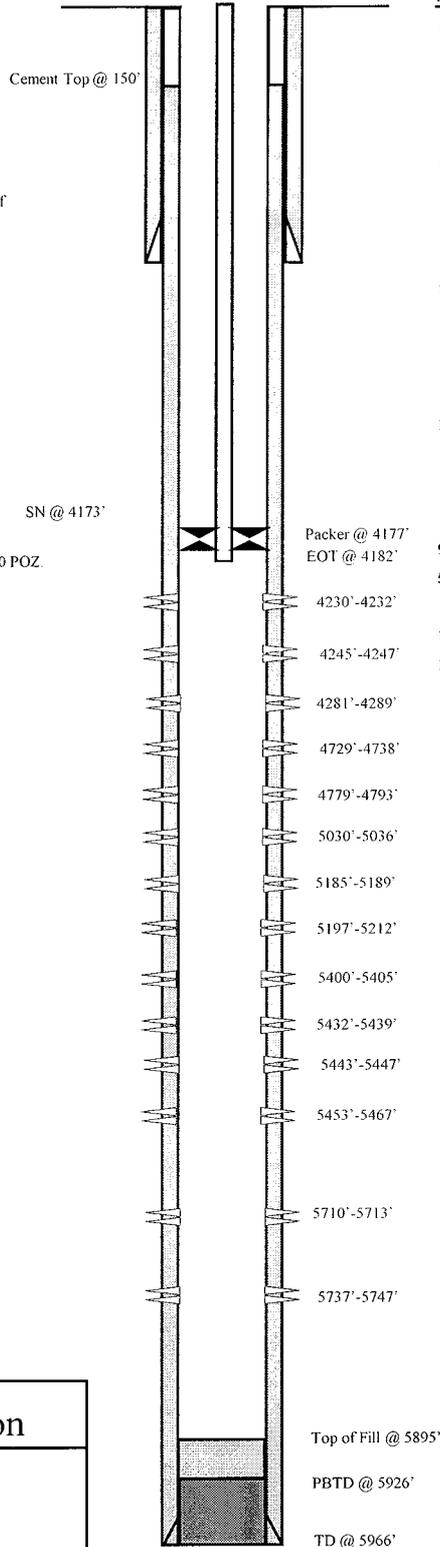
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 140 jts. (5968.64')
 DEPTH LANDED: 5966.14'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sk Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 150'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 133 jts (4163.07)
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4173.07' KB
 TOTAL STRING LENGTH: EOT @ 4181.57'

Injection Wellbore Diagram



FRAC JOB

| | | |
|----------|-------------|---|
| 12/20/01 | 5710'-5747' | Frac CP sand as follows: 36,520# 20/40 sand in 376 bbls Viking 1-25 fluid. Treated @ avg press of 1680 psi w/avg rate of 26.6 BPM. ISIP 2000 psi. Calc. flush: 5710 gal., Act. flush: 5628 gal. |
| 12/20/01 | 5400'-5467' | Frac LODC sand as follows: 84,320# 20/40 sand in 632 bbls Viking 1-25 fluid. Treated @ avg press of 2250 psi w/avg rate of 26.4 BPM. ISIP 2300 psi. Calc. flush: 5400 gal., Act. flush: 5334 gal. |
| 12/20/01 | 5030'-5212' | Frac A/B sands as follows: 76,320# 20/40 sand in 577 bbls Viking 1-25 fluid. Treated @ avg press of 2260 psi w/avg rate of 25.2 BPM. ISIP 2040 psi. Calc. flush: 5030 gal., Act. flush: 4914 gal. |
| 12/20/01 | 4729'-4793' | Frac D1/DS3 sand as follows: 81,320# 20/40 sand in 603 bbls Viking 1-25 fluid. Treated @ avg press of 1640 psi w/avg rate of 27.1 BPM. ISIP 2040 psi. Calc. flush: 4729 gal., Act. flush: 4663 gal. |
| 9/14/02 | | Stuck pump. Updated rod and tubing details. |
| 5/25/04 | | Pump change. Update rod details. Note: GB3 (4230'-4289') sands left un-fraced. |
| 1/12/06 | | Well converted to injector. |
| 1/26/06 | | MIT completed and submitted. |

PERFORATION RECORD

| | | | |
|----------|-------------|--------|----------|
| 12/20/01 | 5737'-5747' | 4 JSPF | 40 holes |
| 12/20/01 | 5710'-5713' | 4 JSPF | 12 holes |
| 12/20/01 | 5453'-5467' | 4 JSPF | 56 holes |
| 12/20/01 | 5443'-5447' | 4 JSPF | 16 holes |
| 12/20/01 | 5432'-5439' | 4 JSPF | 28 holes |
| 12/20/01 | 5400'-5405' | 4 JSPF | 20 holes |
| 12/20/01 | 5197'-5212' | 4 JSPF | 60 holes |
| 12/20/01 | 5185'-5189' | 4 JSPF | 16 holes |
| 12/20/01 | 5030'-5036' | 4 JSPF | 24 holes |
| 12/20/01 | 4779'-4793' | 4 JSPF | 56 holes |
| 12/20/01 | 4729'-4738' | 4 JSPF | 36 holes |
| 12/20/01 | 4281'-4289' | 4 JSPF | 32 holes |
| 12/20/01 | 4245'-4247' | 4 JSPF | 08 holes |
| 12/20/01 | 4230'-4232' | 4 JSPF | 08 holes |

NEWFIELD Newfield Production

West Point Unit #13-8-9-16
 779' FWL & 559' FSL
 SWSW Section 8-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32287; Lease #UTU-74390

West Point #14-8-9-16

Spud Date: 12/13/2001
 Put on Production: 1/15/2002
 GL: 5959' KB: 5969'

Initial Production: 78 BOPD,
 90 MCFD, 10 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 8 jts (310.63')
 DEPTH LANDED: 318.63'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs Class "G" cmt, est 2 bbls cmt to surface.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 142 jts (5957.29')
 DEPTH LANDED: 5954.79'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 275 sxs Prem Lite II mixed & 450 sxs 50/50 POZ
 CEMENT TOP AT: 1100' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 174 jts (5659.9')
 TUBING ANCHOR: 5193.23'
 NO. OF JOINTS: 2 jts (65.1')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5737 8'KB
 NO. OF JOINTS: 1 jts (31.5')
 TOTAL STRING LENGTH: EOT @ 5771'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
 SUCKER RODS: 1 x 3/4" = 2' pony rods, 1 x 3/4" = 4' pony rod, 1 x 3/4" = 6' pony rod, 1 x 3/4" = 8' pony rod, 89 x 3/4" = 2225' guided rods, 123 x 3/4" = 3075' guided rods, 10 x 3/4" = 250' guided rods, 6 x 1 1/2" = 150' weight bars
 PUMP SIZE: 2-1/2" x 1-1/4" x 15' RHAC
 STROKE LENGTH: "
 PUMP SPEED, SPM: SPM

FRAC JOB

1/10/02 5707'-5745' **Frac CP-3 sand as follows:**
 26,000# 20/40 sand in 297 bbls Viking I-25 fluid. Treated @ avg press of 1850 psi w/avg rate of 25 BPM. ISIP 1980 psi. Calc flush: 5707 gal., Act flush: 5628 gal

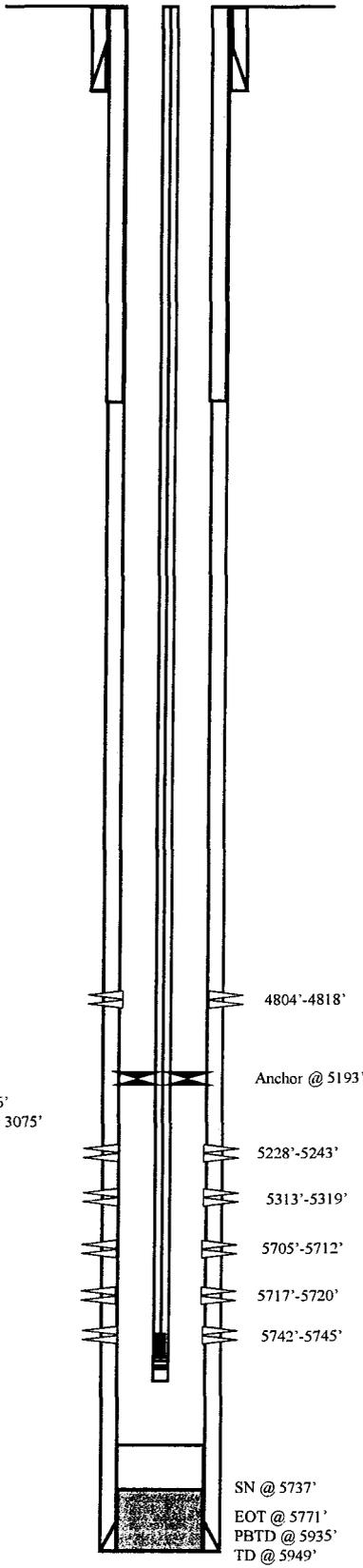
1/10/02 5228'-5319' **Frac A-3 sand as follows:**
 60,000# 20/40 sand in 483 bbls Viking I-25 fluid. Treated @ avg press of 2300 psi w/avg rate of 25 BPM. ISIP 2085 psi. Calc flush: 5228 gal., Act flush: 5166 gal.

1/10/02 4804'-4818' **Frac D-1 sand as follows:**
 60,680# 20/40 sand in 486 bbls Viking I-25 fluid. Treated @ avg press of 1775 psi w/avg rate of 25 BPM. ISIP 2060 psi. Calc flush: 4804 gal., Act flush: 4707 gal.

07/11/06 Pump Change: Update rod and tubing details
 3/25/11 Pump Change: Updated rod & tubing details
 8/12/11 Pump Change: Updated rod & tubing details

PERFORATION RECORD

| | | | |
|---------|-------------|--------|----------|
| 1/08/02 | 5742'-5745' | 4 JSPF | 12 holes |
| 1/08/02 | 5717'-5720' | 4 JSPF | 12 holes |
| 1/08/02 | 5705'-5712' | 4 JSPF | 20 holes |
| 1/10/02 | 5313'-5319' | 4 JSPF | 24 holes |
| 1/10/02 | 5228'-5243' | 4 JSPF | 60 holes |
| 1/10/02 | 4804'-4818' | 4 JSPF | 56 holes |





West Point #14-8-9-16
 809' FSL & 1999' FWL
 SESW Section 8-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32288; Lease #UTU-74390

West Point #3-17-9-16

Spud Date: 11/12/2001
 Put on Production: 7/16/02
 GL: 5995' KB: 6005'

Initial Production: 97 BOPD,
 311 MCFD, 27 BWPD

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 8 jts. (290.19')
 DEPTH LANDED: 300.04' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 133 jts. (5924.13')
 DEPTH LANDED: 5921.73' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 275 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 360' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 128 jts (4137.93')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4147.97' KB
 PACKER AT: 4147.93'
 TOTAL STRING LENGTH: EOT @ 4156.38' KB

FRAC JOB

7/09/02 5180'-5386' **Frac A3/LODC sands as follows:**
 59,987# 20/40 sand in 468 bbls Viking 1-25 fluid. Treated @ avg press of 2275 psi w/avg rate of 26.2 BPM. Screened out w/ 54,387# sand in formation and 5,600# sand in casing. Calc flush: 5180 gal. Actual flush: 4158 gal. ISIP 3000 psi.

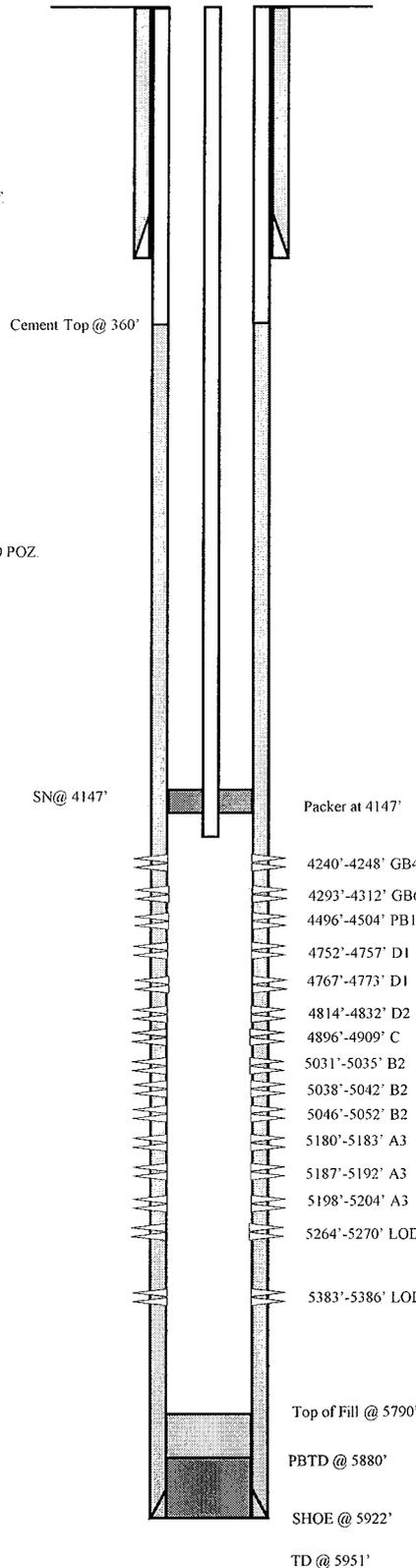
7/12/02 4896'-5052' **Frac C/B2 sands as follows:**
 59,386# 20/40 sand in 479 bbls Viking 1-25 fluid. Treated @ avg press of 1650 psi w/avg rate of 28 BPM. ISIP 1980 psi. Calc flush: 4896 gal. Actual flush: 4851 gal.

7/12/02 4752'-4832' **Frac D1/D2 sands as follows:**
 92,116# 20/40 sand in 656 bbls Viking 1-25 fluid. Treated @ avg press of 1790 psi w/avg rate of 28 BPM. ISIP 2130 psi. Calc flush: 4752 gal. Actual flush: 4662 gal.

7/12/02 4496'-4504' **Frac PB10 sands as follows:**
 25,900# 20/40 sand in 271 bbls Viking 1-25 fluid. Treated @ avg press of 2525 psi w/avg rate of 25.5 BPM. ISIP 2100 psi. Calc flush: 4496 gal. Actual flush: 4410 gal.

7/12/02 4240'-4312' **Frac GB4/GB6 sands as follows:**
 60,856# 20/40 sand in 462 bbls Viking 1-25 fluid. Treated @ avg press of 1775 psi w/avg rate of 25.5 BPM. ISIP 1950 psi. Calc flush: 4240 gal. Actual flush: 4158 gal.

2/28/05 **Injection Conversion**
 6/3/06 **Well Recompleted.**
 7/1/06 **MIT completed and submitted.**



PERFORATION RECORD

| Date | Interval | Tool | Holes |
|---------|-------------|--------|----------|
| 7/09/09 | 5383'-5386' | 4 JSPF | 12 holes |
| 7/09/09 | 5264'-5270' | 4 JSPF | 24 holes |
| 7/09/09 | 5198'-5204' | 4 JSPF | 24 holes |
| 7/09/09 | 5187'-5192' | 4 JSPF | 20 holes |
| 7/09/09 | 5180'-5183' | 4 JSPF | 12 holes |
| 7/12/09 | 5046'-5052' | 4 JSPF | 24 holes |
| 7/12/09 | 5038'-5042' | 4 JSPF | 16 holes |
| 7/12/09 | 5031'-5035' | 4 JSPF | 16 holes |
| 7/12/09 | 4896'-4909' | 4 JSPF | 52 holes |
| 7/12/09 | 4814'-4832' | 4 JSPF | 72 holes |
| 7/12/09 | 4767'-4773' | 4 JSPF | 24 holes |
| 7/12/09 | 4752'-4757' | 4 JSPF | 20 holes |
| 7/12/09 | 4496'-4504' | 4 JSPF | 32 holes |
| 7/12/09 | 4293'-4312' | 4 JSPF | 76 holes |
| 7/12/09 | 4240'-4248' | 4 JSPF | 32 holes |



West Point #3-17-9-16
 522' FNL & 2053' FWL
 NENW Section 17-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32278; Lease #UTU-74390

West Point Fed Q-8-9-16

Spud Date: 9/1/2009
 Put on Production: 10/12/2009
 GL: 5959' KB: 5971'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (309.05')
 DEPTH LANDED: 320.90'
 CEMENT DATA: 160 sx class 'g' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 156 jts (6554')
 DEPTH LANDED: 6273.90'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 270 sx primlite and 360 sx 50/50 poz
 CEMENT TOP AT: 0'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55
 NO OF JOINTS: 181 jts (5795.3')
 TUBING ANCHOR: 5807.3' KB
 NO. OF JOINTS: 2 jts (63.9')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5875' KB
 NO. OF JOINTS: 2 jts (64.7')
 TOTAL STRING LENGTH: EOT @ 5940'

SUCKER RODS

POLISHED ROD: 1 1/2" x 30'
 SUCKER RODS: 4-1 1/2" weight rods, 230- 7/8" (8 per) guided rods, 2', 4', 6' x 7/8" pony rods
 PUMP SIZE: TIH w/ 2-1/2" x 1-3/4" x 20' x 24' RHAC ctrl hydric pump
 STROKE LENGTH: 144"
 PUMP SPEED, SPM: 5

FRAC JOB

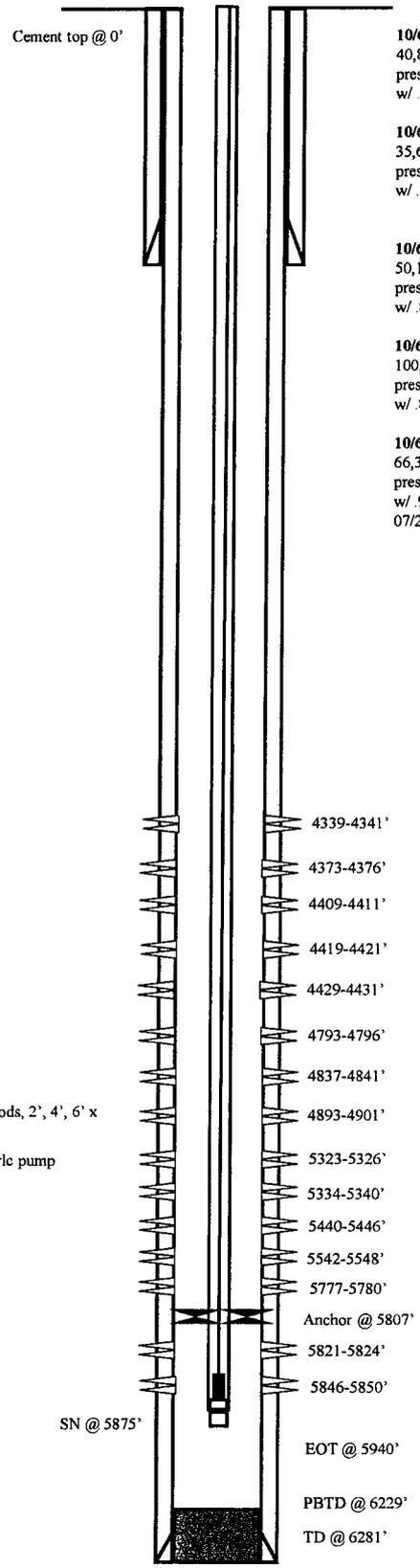
10/6/2009 5777-5850' Frac CP.5, CP1, CP2 sds as follows:
 40,866# sand in 438 bbbls of lightning 17 frac fluid. Treated @ ave pressure of 2228 w/ ave rate of 35 bpm w/ 8 ppg of sand. ISIP was 2061 w/ .80FG. 5 min was 1841. 10 min was 1774. 15 min was 1702

10/6/2009 5440-5548' Frac LODC sds as follows:
 35,697# sand in 400 bbbls of lightning 17 frac fluid. Treated @ ave pressure of 2801 w/ ave rate of 40 bpm w/ 8 ppg of sand. ISIP was 2446 w/ .89FG.

10/6/2009 5323-5340' Frac A3 sds as follows:
 50,130# sand in 469 bbbls of lightning 17 frac fluid. Treated @ ave pressure of 2548 w/ ave rate of 33 bpm w/ 8 ppg of sand. ISIP was 2192 w/ .85FG.

10/6/2009 4793-4901' Frac D1, DS3, DS1 sds as follows:
 100,980# sand in 752 bbbls of lightning 17 frac fluid. Treated @ ave pressure of 2396 w/ ave rate of 48 bpm w/ 8 ppg of sand. ISIP was 2080 w/ .87FG. 5 min was 1900. 10 min was 1841. 15 min was 1786.

10/6/2009 4339-4431' Frac GB6 GB4 sds as follows:
 66,307# sand in 557 bbbls of lightning 17 frac fluid. Treated @ ave pressure of 2396 w/ ave rate of 48 bpm w/ 8 ppg of sand. ISIP was 2001 w/ .90FG.
 07/24/10 Pump Change Rod & Tubing updated.



PERFORATION RECORD

| Date | Depth Range | Tool Joint | Holes |
|---------|-------------|------------|----------|
| 10/6/09 | 5846-5850' | 3 JSPF | 12 holes |
| 10/6/09 | 5821-5824' | 3 JSPF | 9 holes |
| 10/6/09 | 5777-5780' | 3 JSPF | 9 holes |
| 10/6/09 | 5542-5548' | 3 JSPF | 18 holes |
| 10/6/09 | 5440-5446' | 3 JSPF | 18 holes |
| 10/6/09 | 5334-5340' | 3 JSPF | 18 holes |
| 10/6/09 | 5323-5326' | 3 JSPF | 9 holes |
| 10/6/09 | 4893-4901' | 3 JSPF | 24 holes |
| 10/6/09 | 4837-4841' | 3 JSPF | 12 holes |
| 10/6/09 | 4793-4796' | 3 JSPF | 9 holes |
| 10/6/09 | 4429-4431' | 3 JSPF | 6 holes |
| 10/6/09 | 4419-4421' | 3 JSPF | 6 holes |
| 10/6/09 | 4409-4411' | 3 JSPF | 6 holes |
| 10/6/09 | 4373-4376' | 3 JSPF | 9 holes |
| 10/6/09 | 4339-4341' | 3 JSPF | 6 holes |

NEWFIELD

West Point Fed Q-8-9-16

785' FSL & 1998' FWL
 SE/SW Section 8-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33882; Lease # UTU-74390

GMBU D-17-9-16

Spud Date: 11/17/2011
 PWOP: 01/24/2012
 GL: 5984' KB: 5997'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (317.6')
 DEPTH LANDED: 330.92' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

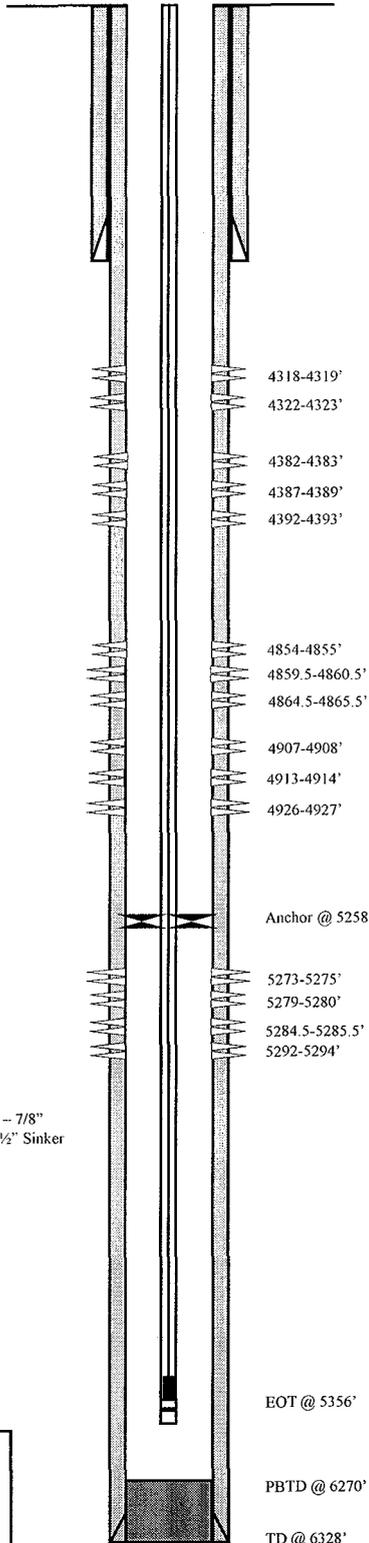
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 155 jts. (6296.11') Shoe Joint (41.83')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 6314.72' KB
 CEMENT DATA: 250 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP AT: 200'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 168 jts. (5245.1')
 TUBING ANCHOR: 5258.1' KB
 NO. OF JOINTS: 1 jt. (31.4')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5292.3' KB
 NO. OF JOINTS: 2 jts. (62.7')
 NOTCHED COLLAR: 5356.0' KB
 TOTAL STRING LENGTH: EOT @ 5356'

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 4' Pony Rod, 66 - 7/8" 4per Guided Rods (1650'), 138 - 3/4" 4per Guided Rods (3450'), 5 - 1 1/2" Sinker Bars (125'), 5 - 1" Guided Rods (20')
 PUMP SIZE: 2 1/2" x 1 3/4" x 20' x 21' x 24' RHAC
 STROKE LENGTH: 144"
 PUMP SPEED: 5 SPM



FRAC JOB

01/12/2012 5273-5294' **Frac A1, sands as follows:**
 Frac with 65477# 20/40 white sand in 519 bbbls lightning 17 fluid; 699 bbbls total fluid to recover.

01/14/2012 4854-4927' **Frac D1 & D2, sands as follows:**
 Frac with 130430# 20/40 white sand in 1025 bbbls lightning 17 fluid; 1141 bbbls total fluid to recover.

01/14/2012 4318-4393' **Frac GB4 & GB6, sands as follows:**
 Frac with 62853# 20/40 white sand in 510 bbbls lightning 17 fluid; 612 bbbls total fluid to recover.

PERFORATION RECORD

| Depth | Perforation Type | Holes |
|----------------|------------------|---------|
| 5292-5294' | 3 JSPF | 6 holes |
| 5284.5-5285.5' | 3 JSPF | 3 holes |
| 5279-5280' | 3 JSPF | 3 holes |
| 5273-5275' | 3 JSPF | 6 holes |
| 4926-4927' | 3 JSPF | 3 holes |
| 4913-4914' | 3 JSPF | 3 holes |
| 4907-4908' | 3 JSPF | 3 holes |
| 4864.5-4865.5' | 3 JSPF | 3 holes |
| 4859.5-4860.5' | 3 JSPF | 3 holes |
| 4854-4855' | 3 JSPF | 3 holes |
| 4392-4393' | 3 JSPF | 3 holes |
| 4387-4389' | 3 JSPF | 3 holes |
| 4382-4383' | 3 JSPF | 3 holes |
| 4322-4323' | 3 JSPF | 3 holes |
| 4318-4319' | 3 JSPF | 3 holes |

NEWFIELD



GMBU D-17-9-16
 578' FSL & 791' FWL (SW/SW)
 Section 8, T9S, R16E
 Duchesne County, Utah
 API #43-013-50701; Lease # UTU-74390

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
Well Name: **JIF**
Sample Point: **After production filter**
Sample Date: **12/9/2011**
Sample ID: **WA-204152**

Sales Rep: **Darren Betts**
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: | 12/9/2011 | Sodium (Na): | 7647.40 | Chloride (Cl): | 11000.00 |
| System Temperature 1 (°F): | 300.00 | Potassium (K): | 33.40 | Sulfate (SO4): | 190.00 |
| System Pressure 1 (psig): | 3000.00 | Magnesium (Mg): | 9.00 | Bicarbonate (HCO3): | 1390.80 |
| System Temperature 2 (°F): | 70.00 | Calcium (Ca): | 45.00 | Carbonate (CO3): | 0.00 |
| System Pressure 2 (psig): | 14.70 | Strontium (Sr): | 0.00 | Acetic Acid (CH3COO) | 0.00 |
| Calculated Density (g/ml): | 1.01 | Barium (Ba): | 9.80 | Propionic Acid (C2H5COO) | 0.00 |
| pH: | 8.40 | Iron (Fe): | 10.50 | Butanoic Acid (C3H7COO) | 0.00 |
| Calculated TDS (mg/L): | 20336.89 | Zinc (Zn): | 0.00 | Isobutyric Acid ((CH3)2CHCOO) | 0.00 |
| CO2 in Gas (%): | 0.00 | Lead (Pb): | 0.71 | Fluoride (F): | 0.00 |
| Dissolved CO2 (mg/L): | 0.00 | Ammonia NH3: | 0.00 | Bromine (Br): | 0.00 |
| H2S in Gas (%): | 0.00 | Manganese (Mn): | 0.28 | Silica (SiO2): | 0.00 |
| H2S in Water (mg/L): | 0.50 | | | | |

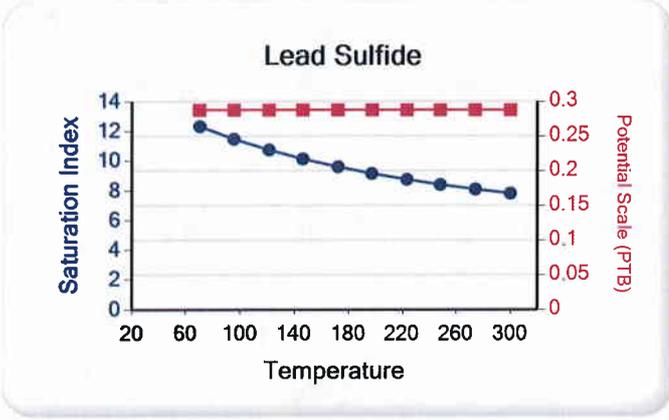
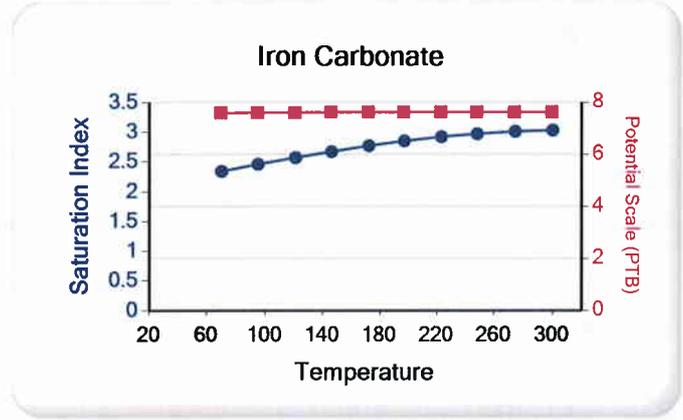
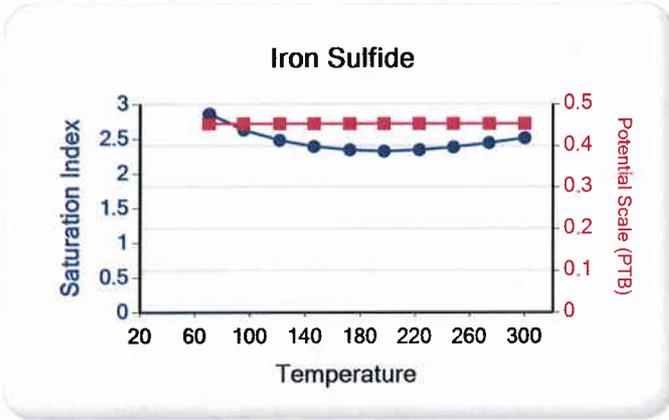
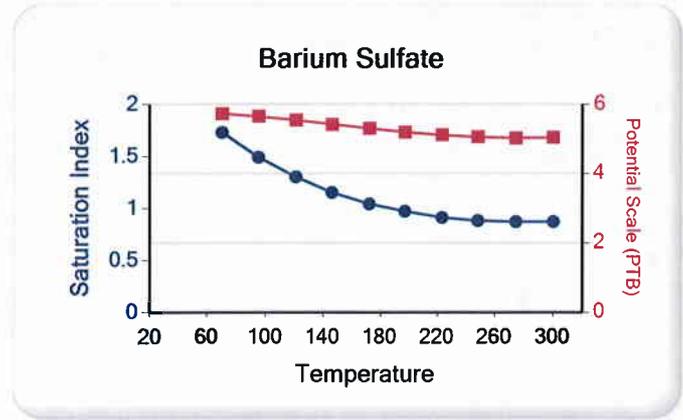
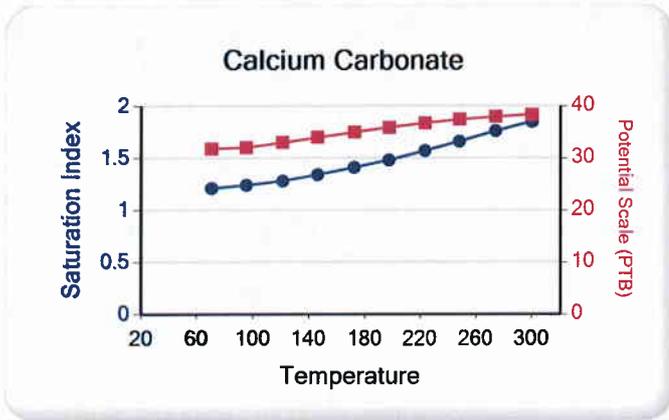
Notes:

(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 |
| 70 | 14 | 1.21 | 31.74 | 1.73 | 5.72 | 2.86 | 0.45 | 2.34 | 7.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 95 | 346 | 1.24 | 31.98 | 1.49 | 5.64 | 2.63 | 0.45 | 2.46 | 7.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 121 | 678 | 1.28 | 32.90 | 1.30 | 5.53 | 2.48 | 0.45 | 2.57 | 7.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 146 | 1009 | 1.34 | 33.89 | 1.15 | 5.42 | 2.39 | 0.45 | 2.67 | 7.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 172 | 1341 | 1.41 | 34.90 | 1.04 | 5.29 | 2.34 | 0.45 | 2.77 | 7.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 197 | 1673 | 1.48 | 35.84 | 0.97 | 5.19 | 2.32 | 0.45 | 2.85 | 7.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 223 | 2004 | 1.57 | 36.67 | 0.91 | 5.10 | 2.34 | 0.45 | 2.92 | 7.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 248 | 2336 | 1.66 | 37.35 | 0.88 | 5.05 | 2.38 | 0.45 | 2.97 | 7.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 274 | 2668 | 1.76 | 37.89 | 0.87 | 5.02 | 2.44 | 0.45 | 3.01 | 7.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 300 | 3000 | 1.85 | 38.30 | 0.87 | 5.03 | 2.51 | 0.45 | 3.03 | 7.63 | 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 |
| 70 | 14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12.33 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 95 | 346 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.48 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 121 | 678 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.75 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 146 | 1009 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.14 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 172 | 1341 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.61 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 197 | 1673 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.15 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 223 | 2004 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.75 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 248 | 2336 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.40 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 274 | 2668 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.09 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 300 | 3000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.81 | 0.29 | 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 Lead Sulfide



Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
 Well Name: **FEDERAL 15-8-9-16**
 Sample Point: **Treater**
 Sample Date: **5/20/2012**
 Sample ID: **WA-214851**

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 | | | | | |
|----------------------------|-----------|---|---------|-------------------------------|----------|--|------|
| Test Date: | 5/29/2012 | Cations | | mg/L | Anions | | mg/L |
| System Temperature 1 (°F): | 120.00 | Sodium (Na): | 7293.58 | Chloride (Cl): | 10600.00 | | |
| System Pressure 1 (psig): | 60.0000 | Potassium (K): | 55.00 | Sulfate (SO4): | 44.00 | | |
| System Temperature 2 (°F): | 185.00 | Magnesium (Mg): | 1.65 | Bicarbonate (HCO3): | 1220.00 | | |
| System Pressure 2 (psig): | 60.0000 | Calcium (Ca): | 14.60 | Carbonate (CO3): | 0.00 | | |
| Calculated Density (g/ml): | 1.010 | Strontium (Sr): | 0.00 | Acetic Acid (CH3COO) | 0.00 | | |
| pH: | 8.40 | Barium (Ba): | 1.30 | Propionic Acid (C2H5COO) | 0.00 | | |
| Calculated TDS (mg/L): | 19240.10 | Iron (Fe): | 9.70 | Butanoic Acid (C3H7COO) | 0.00 | | |
| CO2 in Gas (%): | 0.00 | Zinc (Zn): | 0.12 | Isobutyric Acid ((CH3)2CHCOO) | 0.00 | | |
| Dissolved CO2 (mg/L): | 0.00 | Lead (Pb): | 0.05 | Fluoride (F): | | | |
| H2S in Gas (%): | 0.00 | Ammonia NH3: | | Bromine (Br): | | | |
| H2S in Water (mg/L): | 0.00 | Manganese (Mn): | 0.10 | Silica (SiO2): | | | |

Notes:

(PTB = Pounds per Thousand Barrels)

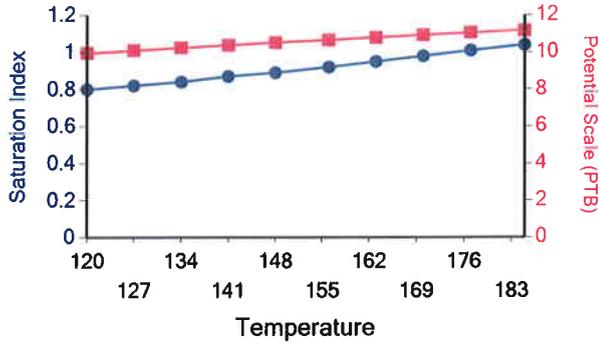
| Temp (°F) | PSI | Calcium Carbonate | | Barium Sulfate | | Iron Sulfide | | Iron Carbonate | | Gypsum CaSO4·2H2O | | Celestite SrSO4 | | Halite NaCl | | Zinc Sulfide | |
|-----------|-------|-------------------|-------|----------------|------|--------------|------|----------------|------|-------------------|------|-----------------|------|-------------|------|--------------|------|
| | | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB |
| 185.00 | 60.00 | 1.04 | 11.18 | 0.00 | 0.00 | 0.00 | 0.00 | 2.85 | 7.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 177.00 | 60.00 | 1.01 | 11.06 | 0.00 | 0.00 | 0.00 | 0.00 | 2.82 | 7.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 170.00 | 60.00 | 0.98 | 10.93 | 0.00 | 0.00 | 0.00 | 0.00 | 2.79 | 7.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 163.00 | 60.00 | 0.95 | 10.80 | 0.00 | 0.00 | 0.00 | 0.00 | 2.75 | 7.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 156.00 | 60.00 | 0.92 | 10.66 | 0.00 | 0.00 | 0.00 | 0.00 | 2.72 | 7.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 148.00 | 60.00 | 0.89 | 10.52 | 0.00 | 0.00 | 0.00 | 0.00 | 2.68 | 7.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 141.00 | 60.00 | 0.87 | 10.37 | 0.00 | 0.00 | 0.00 | 0.00 | 2.64 | 7.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 134.00 | 60.00 | 0.84 | 10.23 | 0.00 | 0.00 | 0.00 | 0.00 | 2.61 | 7.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 127.00 | 60.00 | 0.82 | 10.09 | 0.00 | 0.00 | 0.00 | 0.00 | 2.57 | 7.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 120.00 | 60.00 | 0.80 | 9.94 | 0.00 | 0.00 | 0.00 | 0.00 | 2.53 | 7.03 | 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 |
| 185.00 | 60.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.87 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 177.00 | 60.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.81 | 0.07 | 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 | 0.75 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 163.00 | 60.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.68 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 156.00 | 60.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.61 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 148.00 | 60.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.54 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 141.00 | 60.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.46 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 134.00 | 60.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.39 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 127.00 | 60.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.04 | 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 | 0.22 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

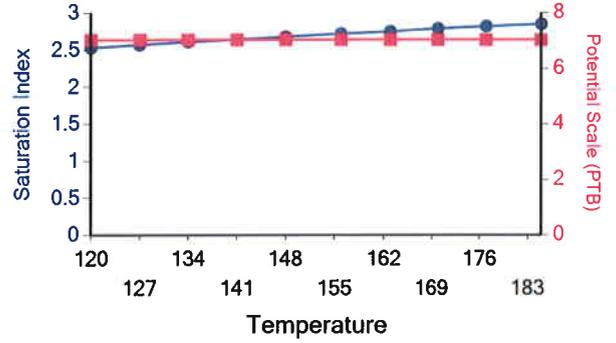
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Carbonate Zinc Carbonate

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

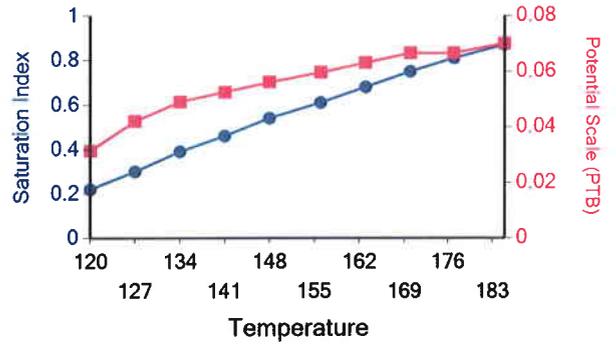
Calcium Carbonate



Iron Carbonate



Zinc Carbonate



Attachment "G"

**Federal #15-8-9-16
Proposed Maximum Injection Pressure**

| Frac Interval (feet) | | Avg. Depth (feet) | ISIP (psi) | Calculated Frac Gradient (psi/ft) | Pmax |
|-------------------------|--------|----------------------|---------------|--|--------------------|
| Top | Bottom | | | | |
| 5986 | 5994 | 5990 | 2044 | 0.77 | 2005 |
| 5669 | 5741 | 5705 | 1909 | 0.77 | 1872 |
| 5222 | 5240 | 5231 | 1944 | 0.81 | 1910 |
| 5054 | 5064 | 5059 | 1839 | 0.80 | 1806 ← |
| 4774 | 4788 | 4781 | 2065 | 0.87 | 2034 |
| 4208 | 4276 | 4242 | 1970 | 0.90 | 1943 |
| | | | | Minimum | <u><u>1806</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 COMPLETION REPORT

WELL NAME: Federal 15-8-9-16 Report Date: 22-Feb-07 Day: 1
Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8" @ 305' Prod Csg: 5 1/2" @ 6133' Csg PBTD: 6056' WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Includes entry for CP5 sds at 5986-5994' with 4/32 shots.

CHRONOLOGICAL OPERATIONS

Date Work Performed: 21-Feb-07 SITP: SICP:

Install 5M frac head. NU Cameron BOP. RU H/O truck & pressure test casing, frac head, blind rams & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6056' & cement top @ 64' Perforate stage #1 W/ 4" ported gun as follows: CP5 sds @ 5986- 5994' W/ 4 JSPF for total of 32 shots. RD WLT SIFN W/ est 142 BWTR.

FLUID RECOVERY (BLS)

Starting fluid load to be recovered: 142 Starting oil rec to date:
Fluid lost/recovered today: 0 Oil lost/recovered today:
Ending fluid to be recovered: 142 Cum oil recovered:
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Job Type:
Company:
Procedure or Equipment detail:

- Weatherford BOP
NPC NU crew
NDSI trucking
Perforators LLC
Drilling cost
Zubiate hot oil
Location preparation
NPC wellhead
Benco - anchors
Admin. Overhead
NPC supervision

Max TP: Max Rate: Total fluid pmpd:
Avg TP: Avg Rate: Total Prop pmpd:
ISIP: 5 min: 10 min: 15 min:

Completion Supervisor: Orson Barney

DAILY COST: \$0
TOTAL WELL COST:



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DAILY COMPLETION REPORT

WELL NAME: Federal 15-8-9-16 **Report Date:** 3-Mar-07 **Day:** 2c
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8" @ 305' **Prod Csg:** 5 1/2" @ 6133' **Csg PBTD:** 6056' WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** 5150'
BP: 5345', 5850'

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|--------|------------|------------|---------|------------|------------|
| | | | A1 sds | 5222-5240' | 4/72 |
| | | | CP1 sds | 5669-5680' | 4/44 |
| | | | CP1 sds | 5700-5704' | 4/16 |
| | | | CP2 sds | 5728-5741' | 4/52 |
| B2 sds | 5054-5064' | 4/40 | CP5 sds | 5986-5994' | 4/32 |

CHRONOLOGICAL OPERATIONS

Date Work Performed: 2-Mar-07 **SITP:** _____ **SICP:** 1475 psi

Day 2c. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 18' per gun. Set plug @ 5345'. Perforate A1 sds @ 5222- 5240' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 SPF for total of 72 shots. RU BJ Services. 1475 psi on well. Pressured up to 4200 psi, Would not breakdown. RU Lone Wol WL & dump bail acid. RU BJ Services. 1362 psi on well. Frac A1 sds w/ 161,764#'s of 20/40 sand in 1071 bbls o Lightning 17 fluid. Broke @ 3969 psi. Treated w/ ave pressure of 1500 psi @ ave rate of 24.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 1944 psi. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 10' perf gun. Set plug @ 5150'. Perforate B2 sds @ 5054- 5064' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 SPF for total of 40 shots. Leave pressure on well. 2129 BWTR.

FLUID RECOVERY (BLS)

Starting fluid load to be recovered: _____ **Starting oil rec to date:** _____
Fluid lost/recovered today: 1058 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 2129 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services
Procedure or Equipment detail: A1 sands

- 12100 gals of pad
- 8000 gals W/ 1-5 ppg of 20/40 sand
- 16000 gals W/ 5-8 ppg of 20/40 sand
- 3641 gals W/ 8 ppg of 20/40 sand
- Flush W/ 504 gals of 15% HCL acid
- Flush W/ 5250 gals of slick water

****Flush called @ blender--includes 2 bbls pump/line volume****

Max TP: 1710 **Max Rate:** 25.2 BPM **Total fluid pmpd:** 1071 bbls
Avg TP: 1500 **Avg Rate:** 24.9 BPM **Total Prop pmpd:** 161,764#'s
ISIP: 1944 **5 min:** _____ **10 min:** _____ **FG:** .81

Completion Supervisor: Orson Barney

COSTS

BJ Services-A1
CD wtr & trucking
NPC fuel gas
Weatherford tools/serv
Lone Wolf WL
NPC Supervisor
Lone Wolf WL- B2

DAILY COST: _____ **\$0**

TOTAL WELL COST: _____



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DAILY COMPLETION REPORT

WELL NAME: Federal 15-8-9-16 **Report Date:** 6-Mar-07 **Day:** 3
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8" @ 305' **Prod Csg:** 5 1/2" @ 6133' **Csg PBTD:** 6056' WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** 5010'
BP: 5345', 5850', 5150'

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|--------|------------|------------|---------|------------|------------|
| | | | A1 sds | 5222-5240' | 4/72 |
| | | | CP1 sds | 5669-5680' | 4/44 |
| | | | CP1 sds | 5700-5704' | 4/16 |
| C sds | 4942-4949' | 4/28 | CP2 sds | 5728-5741' | 4/52 |
| B2 sds | 5054-5064' | 4/40 | CP5 sds | 5986-5994' | 4/32 |

CHRONOLOGICAL OPERATIONS

Date Work Performed: 5-Mar-07 **SITP:** _____ **SICP:** 100

RU BJ Services. 100 psi on well. Frac B2 sds, stage #4 w/ 29,798#'s of 20/40 sand in 385 bbls of Lightning 17 fluid Broke @ 3867 psi. Treated w/ ave pressure of 1628 psi @ ave rate of 25.2 BPM. Pumped 504 gals of 15% HCL ir flush for next stage. ISIP 1839 psi. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 7' perf gun. Set plug @ 5010'. Perforate C sds @ 4942-49' w/ 3-1/8" Slick Guns (23 gram, .43"HE 90) w/ 4 SPF for total of 28 shots. Leave pressure on well. 2514 BWTR. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2129 **Starting oil rec to date:** _____
Fluid lost/recovered today: 385 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 2514 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services

Procedure or Equipment detail: A1 sands
882 gals to cross link
2982 gals of pad
2319 gals W/ 1-4 ppg of 20/40 sand
4905 gals W/ 4-6.5 ppg of 20/40 sand
Flush W/ 504 gals of 15% HCL acid
Flush W/ 4578 gals of slick water

COSTS

BJ Services-B2 sds
CD wtr & trucking
NPC fuel gas
Weatherford tools/serv
NPC Supervisor

****Flush called @ blender--includes 2 bbls pump/line volume****

Max TP: 1937 **Max Rate:** 25.4 **Total fluid pmpd:** 385 bbls
Avg TP: 1628 **Avg Rate:** 25.2 **Total Prop pmpd:** 29,798#'s
ISIP: 1839 **5 min:** _____ **10 min:** _____ **FG:** .80

Completion Supervisor: Ron Shuck

DAILY COST: _____ **\$0**

TOTAL WELL COST: _____



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DAILY COMPLETION REPORT

WELL NAME: Federal 15-8-9-16 **Report Date:** 7-Mar-07 **Day:** 4a
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8" @ 305' **Prod Csg:** 5 1/2" @ 6133' **Csg PBTD:** 6056' WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** 4870'
BP: 5345', 5850', 5150', 5010'

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|--------|------------|------------|---------|------------|------------|
| | | | A1 sds | 5222-5240' | 4/72 |
| | | | CP1 sds | 5669-5680' | 4/44 |
| D1 sds | 4774-4788' | 4/56 | CP1 sds | 5700-5704' | 4/16 |
| C sds | 4942-4949' | 4/28 | CP2 sds | 5728-5741' | 4/52 |
| B2 sds | 5054-5064' | 4/40 | CP5 sds | 5986-5994' | 4/32 |

CHRONOLOGICAL OPERATIONS

Date Work Performed: 6-Mar-07 **SITP:** _____ **SICP:** 228

Day4a.

Open well w/ 228 psi on well. RU BJ & perfs won't break down. RIH & spot 10 gals 15% HCL acid on perfs. RU BJ 8 frac C sds, stage #5 w/ 29,152#'s of 20/40 sand in 371 bbls of Lightning 17 fluid. Broke @ 4233 psi. Treated w/ ave pressure of 2111 psi @ ave rate of 24.9 BPM. Pumped 504 gals of 15% HCL in flush for next stage. ISIP 1839 psi RU WLT. RIH w/ plug & 14' perf gun. Set plug @ 4870'. Perforate D1 sds @ 4774-88' w/ 4 SPF for total of 56 shots. Leave pressure on well. 2885 BWTR. **See day4b.**

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2514 **Starting oil rec to date:** _____
Fluid lost/recovered today: 371 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 2885 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services

Procedure or Equipment detail: C sands
546 gals to cross link
2982 gals of pad
2319 gals W/ 1-4 ppg of 20/40 sand
4779 gals W/ 4-6.5 ppg of 20/40 sand
Flush W/ 504 gals of 15% HCL acid
Flush W/ 4452 gals of slick water

COSTS

BJ Services-C sds
CD wtr & trucking
NPC fuel gas
Weatherford tools/serv
NPC Supervisor
Lone Wolf C sds

****Flush called @ blender--includes 2 bbls pump/line volume****

Max TP: 2363 **Max Rate:** 25 **Total fluid pmpd:** 371 bbls
Avg TP: 2111 **Avg Rate:** 24.9 **Total Prop pmpd:** 29,158#'s
ISIP: 1891 **5 min:** _____ **10 min:** _____ **FG:** .82

Completion Supervisor: Ron Shuck

DAILY COST: _____ **\$0**
TOTAL WELL COST: _____



DAILY COMPLETION REPORT

WELL NAME: Federal 15-8-9-16 **Report Date:** 7-Mar-07 **Day:** 4b
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8" @ 305' **Prod Csg:** 5 1/2" @ 6133' **Csg PBTD:** 6056' WL
Tbg: Size: _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** 4380'
BP: 5345', 5850', 5150', 5010', 4870'

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|----------------|-------------------|-------------|----------------|-------------------|-------------|
| <u>GB2 sds</u> | <u>4208-4214'</u> | <u>4/24</u> | <u>A1 sds</u> | <u>5222-5240'</u> | <u>4/72</u> |
| <u>GB4 sds</u> | <u>4270-4276'</u> | <u>4/24</u> | <u>CP1 sds</u> | <u>5669-5680'</u> | <u>4/44</u> |
| <u>D1 sds</u> | <u>4774-4788'</u> | <u>4/56</u> | <u>CP1 sds</u> | <u>5700-5704'</u> | <u>4/16</u> |
| <u>C sds</u> | <u>4942-4949'</u> | <u>4/28</u> | <u>CP2 sds</u> | <u>5728-5741'</u> | <u>4/52</u> |
| <u>B2 sds</u> | <u>5054-5064'</u> | <u>4/40</u> | <u>CP5 sds</u> | <u>5986-5994'</u> | <u>4/32</u> |

CHRONOLOGICAL OPERATIONS

Date Work Performed: 6-Mar-07 **SITP:** _____ **SICP:** 1300

Day4b.

Open well w/ 1300 psi on well. RU BJ & frac D1 sds, stage #6 w/ 79,970#'s of 20/40 sand in 595 bbls of Lightning 17 fluid. Broke @ 2429 psi. Treated w/ ave pressure of 1620 psi @ ave rate of 25.1 BPM w/ 8 ppg of sand. Spot 504 gals of 15% HCL acid in flush for next stage. ISIP 2065 psi. RU WLT. RIH w/ plug & 6' & 6' perf gun. Set plug @ 4380'. Perforate GB4 sds @ 4270-76' & GB2 sds @ 4208-14' w/ 4 SPF for total of 48 shots. Leave pressure on well 3480 BWTR. **See day4c.**

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2885 **Starting oil rec to date:** _____
Fluid lost/recovered today: 595 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 3480 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services
Procedure or Equipment detail: D1 sands

- _____ 5964 gals of pad
- _____ 4000 gals W/ 1-5 ppg of 20/40 sand
- _____ 8000 gals W/ 5-8 ppg of 20/40 sand
- _____ 2280 gals w/ 8 ppg of 20/40 sand
- _____ 504 gals of 15% HCL acid
- _____ Flush w/ 4242 gals of slick water

****Flush called @ blender--includes 2 bbls pump/line volume****

Max TP: 1917 **Max Rate:** 25.8 **Total fluid pmpd:** 595 bbls
Avg TP: 1620 **Avg Rate:** 25.1 **Total Prop pmpd:** 79,970#'s
ISIP: 2065 **5 min:** _____ **10 min:** _____ **FG:** .87

Completion Supervisor: Ron Shuck

COSTS

BJ Services-D1 sds _____
CD wtr & trucking _____
NPC fuel gas _____
Weatherford tools/serv _____
Lone Wolf D1 sds _____

DAILY COST: _____ **\$0**
TOTAL WELL COST: _____



8 of 11

DAILY COMPLETION REPORT

WELL NAME: Federal 15-8-9-16 Report Date: 7-Mar-07 Day: 4c
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8" @ 305' Prod Csg: 5 1/2" @ 6133' Csg PBTD: 6056' WL
 Tbg: Size: _____ Wt: _____ Grd: _____ Pkr/EOT @: _____ BP/Sand PBTD: 4380'
 BP: 5345', 5850', 5150', 5010', 4870'

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|---------|-------------------|-------------|---------|-------------------|-------------|
| GB2 sds | <u>4208-4214'</u> | <u>4/24</u> | A1 sds | <u>5222-5240'</u> | <u>4/72</u> |
| GB4 sds | <u>4270-4276'</u> | <u>4/24</u> | CP1 sds | <u>5669-5680'</u> | <u>4/44</u> |
| D1 sds | <u>4774-4788'</u> | <u>4/56</u> | CP1 sds | <u>5700-5704'</u> | <u>4/16</u> |
| C sds | <u>4942-4949'</u> | <u>4/28</u> | CP2 sds | <u>5728-5741'</u> | <u>4/52</u> |
| B2 sds | <u>5054-5064'</u> | <u>4/40</u> | CP5 sds | <u>5986-5994'</u> | <u>4/32</u> |

CHRONOLOGICAL OPERATIONS

Date Work Performed: 6-Mar-07 SITP: _____ SICP: 1487

Day4c.

Open well w/ 1487 psi on well. RU BJ & frac GB sds, stage #7 w/ 42,220#'s of 20/40 sand in 360 bbls of Lightning 17 fluid. Broke @ 3955 psi. Treated w/ ave pressure of 2038 psi @ ave rate of 24.9 BPM w/ 8 ppg of sand. ISIP 1970 psi. 3840 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 4 hours & died w/ 240 bbls rec'd. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 3840 Starting oil rec to date: _____
 Fluid lost/recovered today: 240 Oil lost/recovered today: _____
 Ending fluid to be recovered: 3600 Cum oil recovered: _____
 IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac
 Company: BJ Services

Procedure or Equipment detail: GB4 & GB2 sands

- 630 gals to cross link
- 2772 gals of pad
- 2194 gals W/ 1-5 ppg of 20/40 sand
- 4902 gals W/ 5-8 ppg of 20/40 sand
- Flush w/ 4116 gals of slick water

COSTS

- BJ Services-GB sds
- CD wtr & trucking
- NPC fuel gas
- Weatherford tools/serv
- Lone Wolf GB sds
- C-D trkg wtr transfer

Max TP: 2456 Max Rate: 25.2 Total fluid pmpd: 360 bbls
 Avg TP: 2038 Avg Rate: 24.9 Total Prop pmpd: 42,220#'s
 ISIP: 1970 5 min: _____ 10 min: _____ FG: .90

Completion Supervisor: Ron Shuck

DAILY COST: _____ \$0
 TOTAL WELL COST: _____



DAILY COMPLETION REPORT

WELL NAME: Federal 15-8-9-16 **Report Date:** 8-Mar-07 **Day:** 5
Operation: Completion **Rig:** Western #4

WELL STATUS

Surf Csg: 8 5/8" @ 305' **Prod Csg:** 5 1/2" @ 6133' **Csg PBTD:** 6056' WL
Tbg: **Size:** 2-7/8" **Wt:** 6.5# **Grd:** J-55 **Pkr/EOT @:** _____ **BP/Sand PBTD:** 4380'
BP: 5345', 5850', 5150', 5010', 4870'

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|---------|------------|------------|---------|------------|------------|
| GB2 sds | 4208-4214' | 4/24 | A1 sds | 5222-5240' | 4/72 |
| GB4 sds | 4270-4276' | 4/24 | CP1 sds | 5669-5680' | 4/44 |
| D1 sds | 4774-4788' | 4/56 | CP1 sds | 5700-5704' | 4/16 |
| C sds | 4942-4949' | 4/28 | CP2 sds | 5728-5741' | 4/52 |
| B2 sds | 5054-5064' | 4/40 | CP5 sds | 5986-5994' | 4/32 |

CHRONOLOGICAL OPERATIONS

Date Work Performed: 7-Mar-07 **SITP:** _____ **SICP:** 1487

MIRUSU. Open well w/ 0 psi on casing. RD Cameron BOP's & 5K frac head. Instal 3K production tbg head & Schaefer BOP's. RU Chomp bit, bit sub. Tally & pickup new J-55, 2-7/8", 6.5# tbg. TIH to tag sand @ 4017' (127 jts) RU pump & swivel. C/O to plug @ 4380'. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 3600 **Starting oil rec to date:** _____
Fluid lost/recovered today: 0 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 3600 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

Base Fluid used: _____ **Job Type:** Sand frac

Company: _____

Procedure or Equipment detail: _____

COSTS

Western #4
Weatherford BOP's
B&L new tbg
NDSI wtr & trkg
Chemicals
Monks pit reclaim
NPC Surface equip.
Boren labor/welding
NDSI wtr disposal
NPC location cleanup
Mt West Sanitation
Weatherford swivel
NPC Supervisor

Max TP: _____ **Max Rate:** _____ **Total fluid pmpd:** _____
Avg TP: _____ **Avg Rate:** _____ **Total Prop pmpd:** _____
ISIP: _____ **5 min:** _____ **10 min:** _____ **FG:** _____

Completion Supervisor: Ron Shuck

DAILY COST: _____ **\$0**
TOTAL WELL COST: _____

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4158'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 210' balance plug using 28 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 43 sx Class "G" cement down 5 ½" casing to 356'

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

Federal 15-8-9-16

Spud Date: 01/11/07
 Put on Production: 03/09/07
 K.B.: 5934, G.L.: 5922

Initial Production: BOPD,
 MCFD, BWPD

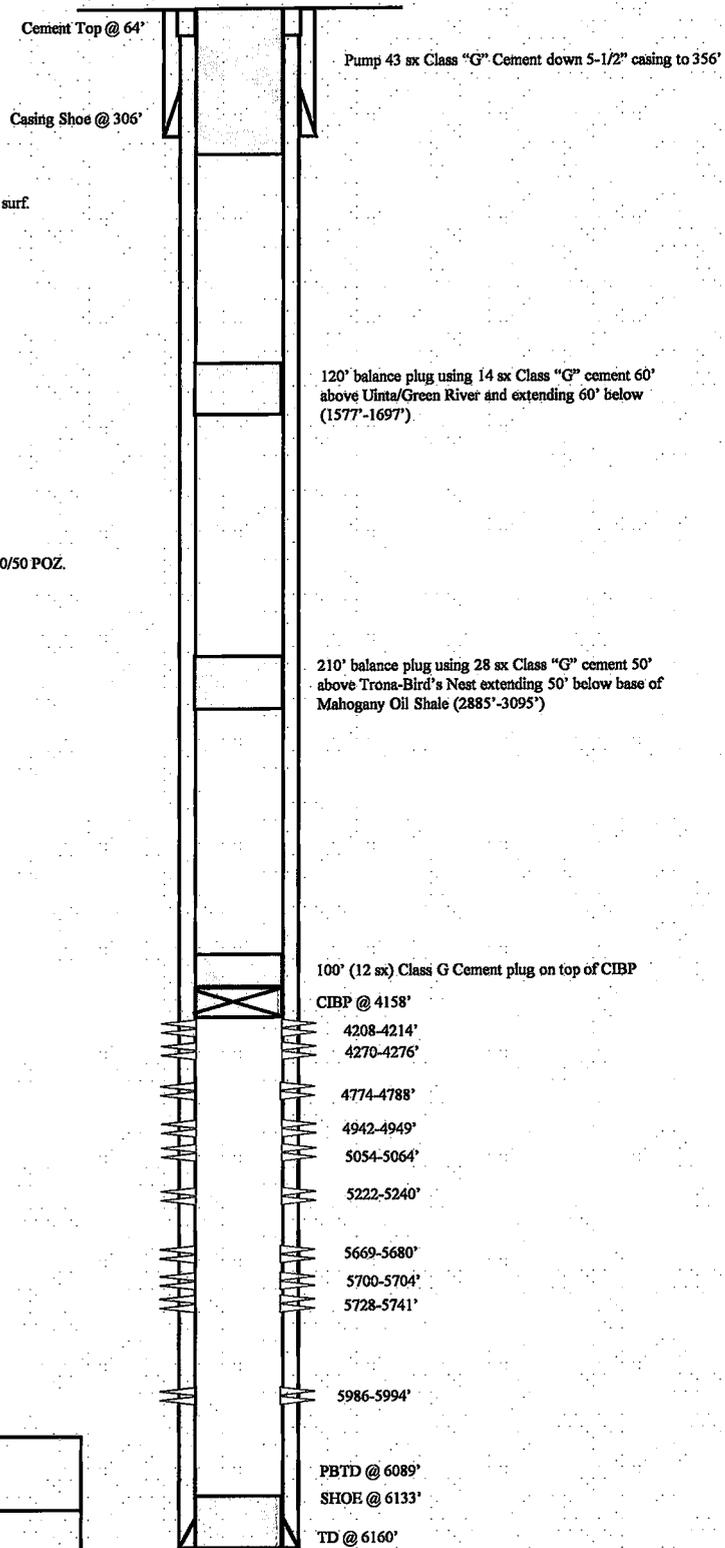
Proposed P & A Wellbore Diagram

SURFACE CASING

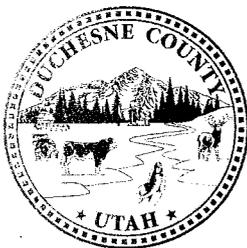
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (294.01')
 DEPTH LANDED: 305.86' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 139 jts. (6120.05')
 DEPTH LANDED: 6133.30' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP: 64'



| |
|---|
|  <p>NEWFIELD</p> |
| <p>Federal 15-8-9-16</p> <p>703' FSL & 1952' FEL</p> <p>SW/SE Section 8-T9S-R16E</p> <p>Duchesne Co, Utah</p> <p>API #43-013-33060; Lease #UTU-64379</p> |



*Duchesne County Planning, Zoning
& Community Development
734 North Center Street
P.O. Box 317
Duchesne, Utah 84021
(435) 738-1152
Fax (435) 738-5522*

June 26, 2012

Mr. Brad Hill, Permitting Manager
Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

RECEIVED

JUN 27 2012

DIV. OF OIL, GAS & MINING

RE: Newfield Production Company Injection Wells (Causes No UIC-395 & 396)

Dear Mr. Hill:

We are in receipt of your notice regarding Newfield Production Company's request to convert 30 wells, located in Sections 5, 8, 9, 11, 12, 13, 16, 17, 18, 19, 21, 22, 23, 24, 27, 29 and 30, Township 9 South, Range 16 East, Duchesne County, to Class II injection wells.

Duchesne County is supportive of this request and recommends approval under conditions that your agency deems appropriate.

Thank you for the opportunity to comment.

Sincerely,

Mike Hyde, AICP
Community Development Administrator

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

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-395

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 5, 8, 9, 11, 13, 17, 19, 22, 23, AND 30, 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:

West Point U 12-5-9-16 well located in NW/4 SW/4, Section 5, Township 9 South, Range 16 East
API 43-013-31933

Federal 7-8-9-16 well located in SW/4 NE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33056

Federal 9-8-9-16 well located in NE/4 SE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33058

West Point 12-8-9-16 well located in NW/4 SW/4, Section 8, Township 9 South, Range 16 East
API 43-013-32286

Federal 15-8-9-16 well located in SW/4 SE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33060

Federal 5-9-9-16 well located in SW/4 NW/4, Section 9, Township 9 South, Range 16 East
API 43-013-32916

Federal 11A-9-9-16 well located in NE/4 SW/4, Section 9, Township 9 South, Range 16 East
API 43-013-33050

Goates Fed 1 well located in SE/4 SW/4, Section 11, Township 9 South, Range 16 East
API 43-013-15789

Federal 13-13-9-16 well located in SW/4 SW/4, Section 13, Township 9 South, Range 16 East
API 43-013-32650

Federal 1-17-9-16 well located in NE/4 NE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33028

Federal 15-17-9-16 well located in SW/4 SE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33037

Federal 3-19-9-16 well located in NE/4 NW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33064

Federal 5-22-9-16 well located in SW/4 NW/4, Section 22, Township 9 South, Range 16 East
API 43-013-33025

Federal 16-22-9-16 well located in NE/4 SE/4, Section 22, Township 9 South, Range 16 East
API 43-013-33394

Federal 5-23-9-16 well located in SW/4 NW/4, Section 23, Township 9 South, Range 16 East
API 43-013-32960

Federal 9-23 well located in NE/4 SE/4, Section 23, Township 9 South, Range 16 East
API 43-013-30654

Federal 1-30-9-16 well located in NE/4 NE/4, Section 30, Township 9 South, Range 16 East
API 43-013-33452

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 20th day of June, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

Newfield Production Company

**WEST POINT U 12-5-9-16, FEDERAL 7-8-9-16, FEDERAL 9-8-9-16, WEST POINT 12-8-9-16,
FEDERAL 15-8-9-16, FEDERAL 5-9-9-16, FEDERAL 11A-9-9-16, GOATES FED 1,
FEDERAL 13-13-9-16, FEDERAL 1-17-9-16, FEDERAL 15-17-9-16, FEDERAL 3-19-9-16,
FEDERAL 5-22-9-16, FEDERAL 16-22-9-16, FEDERAL 5-23-9-16,
FEDERAL 9-23, FEDERAL 1-30-9-16**

Cause No. UIC-395

Publication Notices were sent to the following:

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

SITLA
675 E 500 S Ste 500
Salt Lake City, UT 84102-2818

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

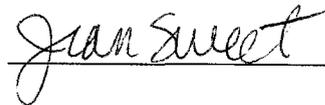
Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

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





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

June 21, 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-395

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

Enclosure

Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-395

From: Cindy Kleinfelter <classifieds@ubstandard.com>
To: Jean Sweet <jsweet@utah.gov>
Date: 6/22/2012 8:05 AM
Subject: Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-395

On 6/21/2012 5:07 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. Thank you. It will run June 26.
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

June 21, 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-395

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

From: "Fultz, Mark" <naclegal@mediaoneutah.com>
To: <jsweet@utah.gov>
Date: 6/22/2012 9:13 AM
Subject: Legal Notice - UIC 395
Attachments: OrderConf.pdf

AD# 802910
Run Trib/DNews - 6/26
Cost \$448.52
Thank you
Mark

Order Confirmation for Ad #0000802910-01

| | | | |
|---------------------|---|-----------------------|---|
| 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 |
| E-Mail | earlenerussell@utah.gov | Jean | mfultz |

| | | | | |
|-----------------------|-----------------|--------------------|---------------|-------------------|
| Total Amount | \$448.52 | | | |
| Payment Amt | \$0.00 | | | |
| Amount Due | \$448.52 | Tear Sheets | Proofs | Affidavits |
| | | 0 | 0 | 1 |
| Payment Method | | PO Number | UIC 395 | |

Confirmation Notes:

Text: Jean

| | | |
|----------------|----------------|--------------|
| Ad Type | Ad Size | Color |
| Legal Liner | 3.0 X 88 Li | <NONE> |

| | | |
|---------------------------|---------------------------|---------------------------------|
| Product | Placement | Position |
| Salt Lake Tribune:: | Legal Liner Notice - 0998 | Public Meeting/Hear-ing Notices |
| Scheduled Date(s): | 06/26/2012 | |
| Product | Placement | Position |
| Deseret News:: | Legal Liner Notice - 0998 | Public Meeting/Hear-ing Notices |
| Scheduled Date(s): | 06/26/2012 | |
| Product | Placement | Position |
| sltrib.com:: | Legal Liner Notice - 0998 | Public Meeting/Hear-ing Notices |
| Scheduled Date(s): | 06/26/2012 | |
| Product | Placement | Position |
| utahlegals.com:: | utahlegals.com | utahlegals.com |
| Scheduled Date(s): | 06/26/2012 | |

Order Confirmation for Ad #0000802910-01

Ad Content Proof Actual Size

Order Confirmation for Ad #0000802910-01

Ad Content Proof 135%

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-395

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 5, 8, 9, 11, 13, 17, 19, 22, 23, AND 30, 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:

West Point U 12-5-9-16 well located in NW/4 SW/4, Section 5, Township 9 South, Range 16

East

API 43-013-31933

Federal 7-8-9-16 well located in SW/4 NE/4, Section 8, Township 9 South, Range 16 East

API 43-013-33056

Federal 9-8-9-16 well located in NE/4 SE/4, Section 8, Township 9 South, Range 16 East

API 43-013-33058

West Point 12-8-9-16 well located in NW/4 SW/4, Section 8, Township 9 South, Range 16

East

API 43-013-32286

Federal 15-8-9-16 well located in SW/4 SE/4, Section 8, Township 9 South, Range 16 East

API 43-013-33060

Federal 5-9-9-16 well located in SW/4 NW/4, Section 9, Township 9 South, Range 16 East

API 43-013-32916

Federal 11A-9-9-16 well located in NE/4 SW/4, Section 9, Township 9 South, Range 16

East

API 43-013-33050

Coates Fed 1 well located in SE/4 SW/4, Section 11, Township 9 South, Range 16 East

API 43-013-15789

Federal 13-13-9-16 well located in SW/4 SW/4, Section 13, Township 9 South, Range 16

East

API 43-013-32650

Federal 1-17-9-16 well located in NE/4 NE/4, Section 17, Township 9 South, Range 16 East

API 43-013-33028

Federal 15-17-9-16 well located in SW/4 SE/4, Section 17, Township 9 South, Range 16

East

API 43-013-33037

Federal 3-19-9-16 well located in NE/4 NW/4, Section 19, Township 9 South, Range 16

East

API 43-013-33064

Federal 5-22-9-16 well located in SW/4 NW/4, Section 22, Township 9 South, Range 16

East

API 43-013-33025

Federal 16-22-9-16 well located in NE/4 SE/4, Section 22, Township 9 South, Range 16

East

API 43-013-33094

Federal 5-23-9-16 well located in SW/4 NW/4, Section 23, Township 9 South, Range 16

East

API 43-013-32960

Federal 9-23 well located in NE/4 SE/4, Section 23, Township 9 South, Range 16 East

API 43-013-30654

Federal 1-30-9-16 well located in NE/4 NE/4, Section 30, Township 9 South, Range 16 East

API 43-013-33452

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

Selected zones in the Greer 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) 528-5340. 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 20th day of June, 2012.

STATE OF UTAH

DIVISION OF OIL, GAS & MINING

By:

Brad Hill
Permitting Manager
802910

UPAXLP

06/22/2012 9:06:58AM



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 1, 2012

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

Subject: Greater Monument Butte Unit Well: Federal 15-8-9-16, Section 8, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33060

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 4,071 feet in the Federal 15-8-9-16 well.

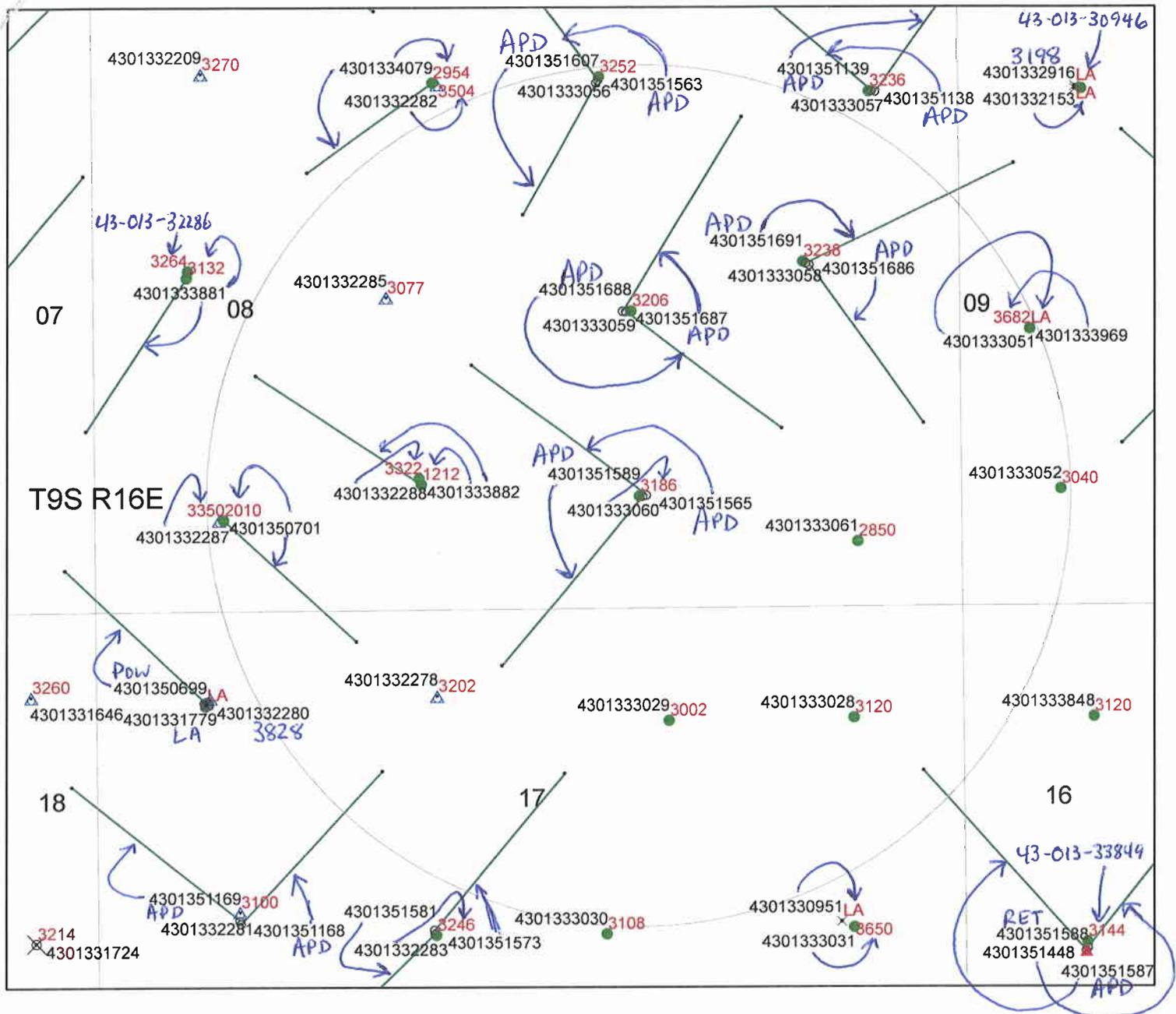
A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

John Rogers
Associate Director

JR/MLR/js
cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
SITLA
Newfield Production Company, Myton
Well File
N:\O&G Reviewed Docs\ChronFile\UIC

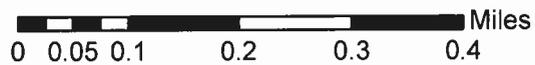




Cement Bond Tops
 FEDERAL 15-8-9-16
 API #43-013-33060
 UIC 395.5

Legend

- | | |
|--|---------------------------------------|
| Buffer_of_SGID93_ENERGY_DNROilGasWells_149 | 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-CbtopsMaster08_31_12 |



1870calc = approx cement top calculated from well completion report

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

Applicant: Newfield Production Company **Well:** Federal 15-8-9-16

Location: 8/9S/16E **API:** 43-013-33060

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 and the State of Utah. The Federal Government and the State of Utah are the mineral owners 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 306 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,133 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,186 feet. A 2 7/8 inch tubing with a packer will be set at 4,158 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 12 producing wells and 3 injection wells in the AOR. In addition, there are 2 currently permitted directional wells with surface locations inside the AOR and bottom hole locations outside the AOR, as well as 3 permitted directional wells with surface locations outside the AOR and bottom hole locations inside 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 4,071 feet and 6,089 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 15-8-9-16 well is 0.80 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,806 psig. The requested maximum pressure is 1,806 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 15-8-9-16

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 9/24/2012

| | |
|--|---|
| 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 Oil Well | 8. WELL NAME and NUMBER: FEDERAL 15-8-9-16 |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | 9. API NUMBER: 4301333060000 |
| 3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052 | PHONE NUMBER: 435 646-4825 Ext |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0703 FSL 1952 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 08 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: 10/22/2012 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> CHANGE WELL NAME |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input checked="" type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input checked="" type="checkbox"/> CONVERT WELL TYPE |
| <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> NEW CONSTRUCTION |
| | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> PLUG BACK |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | <input type="checkbox"/> TEMPORARY ABANDON |
| | <input type="checkbox"/> TUBING REPAIR | <input type="checkbox"/> VENT OR FLARE | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> WATER SHUTOFF | <input type="checkbox"/> SI TA STATUS EXTENSION | <input type="checkbox"/> APD EXTENSION |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> OTHER | OTHER: <input style="width: 100px;" type="text"/> |

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

The subject well has been converted from a producing oil well to an injection well on 10/19/2012. On 10/19/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/22/2012 the casing was pressured up to 1275 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 325 psig during the test. There was not a State representative available to witness the test.

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

Date: October 29, 2012
By: 

| | | |
|---|-------------------------------------|---|
| NAME (PLEASE PRINT) Lucy Chavez-Naupoto | PHONE NUMBER 435 646-4874 | TITLE Water Services Technician |
| SIGNATURE N/A | DATE 10/24/2012 | |

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: _____ Date 10/22/12 Time 2:15 am (pm)

Test Conducted by: Michael Jensen

Others Present: Everett Unruh

| | |
|-------------------------------------|--------------------------------------|
| Well: <u>Fed 15-8-9-16</u> | Field: <u>Greater Monument Butte</u> |
| Well Location: <u>Fed 15-8-9-16</u> | API No: <u>43-013-33060</u> |

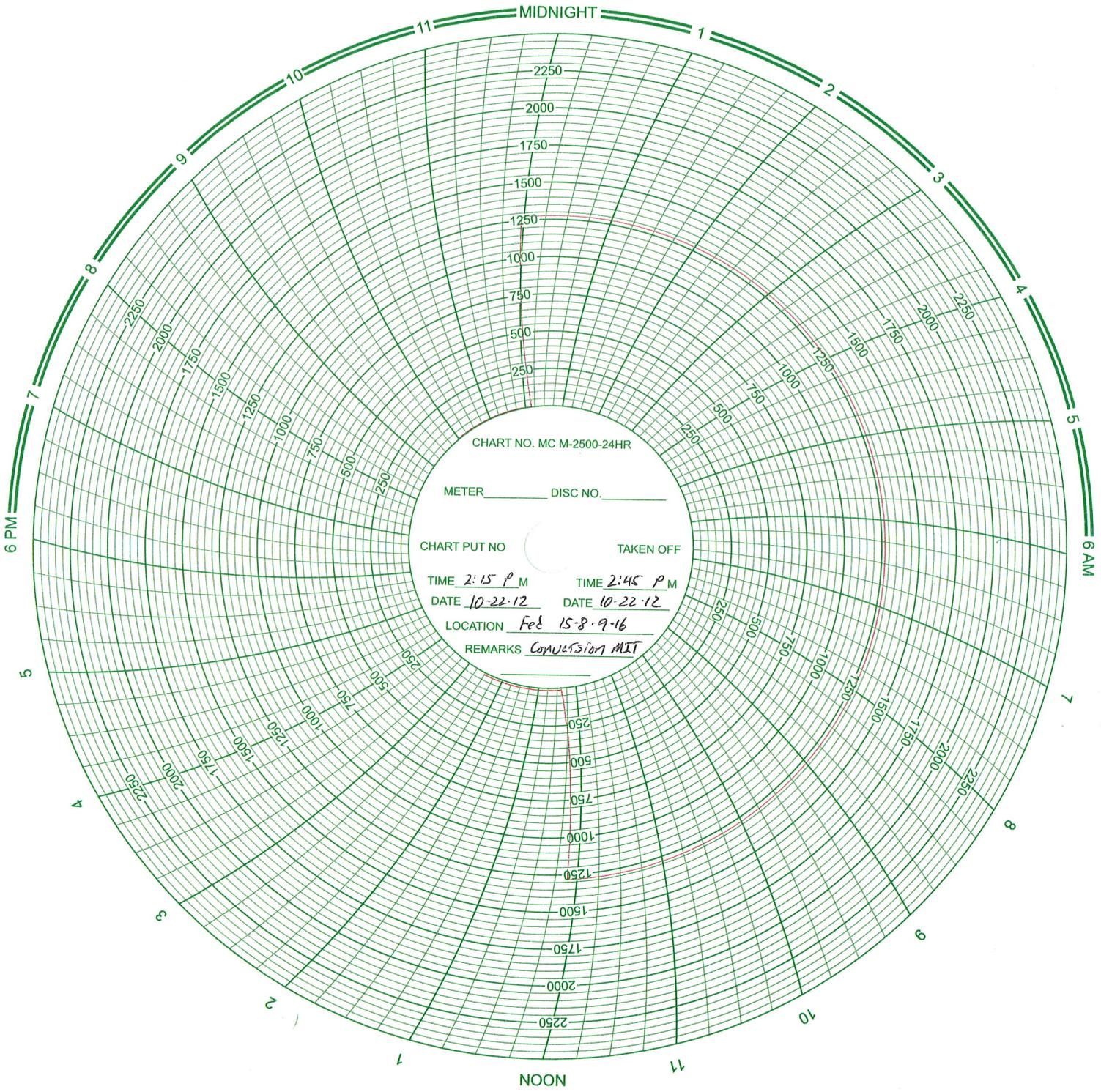
| <u>Time</u> | <u>Casing Pressure</u> | |
|-------------|------------------------|------|
| 0 min | <u>1275</u> | psig |
| 5 | <u>1275</u> | psig |
| 10 | <u>1275</u> | psig |
| 15 | <u>1275</u> | psig |
| 20 | <u>1275</u> | psig |
| 25 | <u>1275</u> | psig |
| 30 min | <u>1275</u> | psig |
| 35 | _____ | psig |
| 40 | _____ | psig |
| 45 | _____ | psig |
| 50 | _____ | psig |
| 55 | _____ | psig |
| 60 min | _____ | psig |

Tubing pressure: 325 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: Michael Jensen
Everett Unruh



Daily Activity Report**Format For Sundry****FEDERAL 15-8-9-16****8/1/2012 To 12/30/2012****10/16/2012 Day: 1****Conversion**

NC #1 on 10/16/2012 - MIRU NC#3, Flsh Tbg, Psr Tst To 3500psi, POOH & L/D Rod String - 10:00AM-11:00AM Move Rig, 6 Mile Rig Move, MIRU NC#3, R/U Hot Oiler, Pmp 60 BW Down Csg @ 250*(Pmp W/ 300psi For 40 BW) , L/D 22' P/Rod, Flsh Tbg W/ 40BW, Soft Seat & Tst Tbg To 3500psi, Fill W/ 18BW, Tst Good, R/U Rod Eqp, L/D Rods, L/D 1-22' P/Rod, 1-2'&8' 7/8 Ponys, 89 7/8 4 Pers, 119 3/4 Slicks, 23 3/4 4 Pers, & 6-1 1/2 Wt Bars, & 1 RHAC 2.5X1.5X14X16' Pmp. Flush W/ 20 BW During Trip. R/D Rod Eqp, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl - 10:00AM-11:00AM Move Rig, 6 Mile Rig Move, MIRU NC#3, R/U Hot Oiler, Pmp 60 BW Down Csg @ 250*(Pmp W/ 300psi For 40 BW) , L/D 22' P/Rod, Flsh Tbg W/ 40BW, Soft Seat & Tst Tbg To 3500psi, Fill W/ 18BW, Tst Good, R/U Rod Eqp, L/D Rods, L/D 1-22' P/Rod, 1-2'&8' 7/8 Ponys, 89 7/8 4 Pers, 119 3/4 Slicks, 23 3/4 4 Pers, & 6-1 1/2 Wt Bars, & 1 RHAC 2.5X1.5X14X16' Pmp. Flush W/ 20 BW During Trip. R/D Rod Eqp, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl - 10:00AM-11:00AM Move Rig, 6 Mile Rig Move, MIRU NC#3, R/U Hot Oiler, Pmp 60 BW Down Csg @ 250*(Pmp W/ 300psi For 40 BW) , L/D 22' P/Rod, Flsh Tbg W/ 40BW, Soft Seat & Tst Tbg To 3500psi, Fill W/ 18BW, Tst Good, R/U Rod Eqp, L/D Rods, L/D 1-22' P/Rod, 1-2'&8' 7/8 Ponys, 89 7/8 4 Pers, 119 3/4 Slicks, 23 3/4 4 Pers, & 6-1 1/2 Wt Bars, & 1 RHAC 2.5X1.5X14X16' Pmp. Flush W/ 20 BW During Trip. R/D Rod Eqp, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl - 10:00AM-11:00AM Move Rig, 6 Mile Rig Move, MIRU NC#3, R/U Hot Oiler, Pmp 60 BW Down Csg @ 250*(Pmp W/ 300psi For 40 BW) , L/D 22' P/Rod, Flsh Tbg W/ 40BW, Soft Seat & Tst Tbg To 3500psi, Fill W/ 18BW, Tst Good, R/U Rod Eqp, L/D Rods, L/D 1-22' P/Rod, 1-2'&8' 7/8 Ponys, 89 7/8 4 Pers, 119 3/4 Slicks, 23 3/4 4 Pers, & 6-1 1/2 Wt Bars, & 1 RHAC 2.5X1.5X14X16' Pmp. Flush W/ 20 BW During Trip. R/D Rod Eqp, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl - 10:00AM-11:00AM Move Rig, 6 Mile Rig Move, MIRU NC#3, R/U Hot Oiler, Pmp 60 BW Down Csg @ 250*(Pmp W/ 300psi For 40 BW) , L/D 22' P/Rod, Flsh Tbg W/ 40BW, Soft Seat & Tst Tbg To 3500psi, Fill W/ 18BW, Tst Good, R/U Rod Eqp, L/D Rods, L/D 1-22' P/Rod, 1-2'&8' 7/8 Ponys, 89 7/8 4 Pers, 119 3/4 Slicks, 23 3/4 4 Pers, & 6-1 1/2 Wt Bars, & 1 RHAC 2.5X1.5X14X16' Pmp. Flush W/ 20 BW During Trip. R/D Rod Eqp, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$6,838**10/17/2012 Day: 2****Conversion**

NC #1 on 10/17/2012 - N/U BOPs, L/D 10' Tbg Sub, TOOH, Brake & Dope Each Conn. W/ Lubon 404G, L/D Tbg, P/U & RIH W/ Pkr. - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, N/D W/H-D, N/D BOPs, R/U Rig Flr, R/U Tbg Eqp, T/A Was Not Set, L/D 10' Tbg Sub, TOOH W/ 132 Jts 2 7/8 J-55 Tbg, Brake & Dope Each Conn. W/ Lubon 404G Dope, L/D 55 Jts Tbg, T/A, 1 Jt, S/N, 1 Jt, & N/C. P/U & RIH W/ 2 3/8 Re-entry Guide, 2 3/8X1.87 Profile Nipple, 4' 2 3/8 Sub, 2 7/8x2 3/8 XO, 5 1/2 Arrow Set Pkr, On Off Tool, 2 7/8 S/N, & 122 Jts Tbg, Tally Tbg When Tripping, SWI, 7:00PM CSDFN, 7:00PM-7:30PM C/Tvl. - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, N/D W/H-D, N/D BOPs, R/U Rig Flr, R/U Tbg Eqp, T/A Was Not Set, L/D 10' Tbg Sub, TOOH W/ 132 Jts 2 7/8 J-55 Tbg, Brake & Dope Each Conn. W/ Lubon 404G Dope, L/D 55 Jts Tbg, T/A, 1 Jt, S/N, 1 Jt, & N/C. P/U & RIH W/ 2 3/8 Re-entry Guide, 2 3/8X1.87 Profile Nipple, 4' 2 3/8 Sub, 2 7/8x2 3/8 XO, 5 1/2 Arrow Set Pkr, On Off Tool, 2 7/8 S/N, & 122 Jts Tbg, Tally Tbg When Tripping, SWI, 7:00PM CSDFN, 7:00PM-7:30PM C/Tvl. - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, N/D W/H-D, N/D BOPs, R/U Rig Flr, R/U Tbg Eqp, T/A Was Not Set, L/D 10' Tbg Sub, TOOH W/ 132 Jts 2 7/8 J-55 Tbg, Brake & Dope Each Conn. W/ Lubon 404G Dope, L/D 55 Jts Tbg, T/A, 1 Jt, S/N, 1 Jt, & N/C. P/U & RIH W/ 2 3/8 Re-entry Guide, 2 3/8X1.87 Profile Nipple, 4' 2 3/8 Sub, 2 7/8x2 3/8 XO, 5 1/2 Arrow Set Pkr, On Off Tool, 2 7/8 S/N, & 122 Jts Tbg, Tally Tbg When Tripping, SWI, 7:00PM CSDFN, 7:00PM-7:30PM C/Tvl. - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, N/D W/H-D, N/D BOPs, R/U Rig Flr, R/U Tbg Eqp, T/A Was Not Set, L/D 10' Tbg Sub, TOOH W/ 132 Jts 2 7/8 J-55 Tbg, Brake & Dope Each Conn. W/ Lubon 404G Dope, L/D 55 Jts Tbg, T/A, 1 Jt, S/N, 1 Jt, & N/C. P/U & RIH W/ 2 3/8 Re-entry Guide, 2 3/8X1.87 Profile Nipple, 4' 2 3/8 Sub, 2 7/8x2 3/8 XO, 5 1/2 Arrow Set Pkr, On Off Tool, 2 7/8 S/N, & 122 Jts Tbg, Tally Tbg When Tripping, SWI, 7:00PM CSDFN, 7:00PM-7:30PM C/Tvl. - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, N/D W/H-D, N/D BOPs, R/U Rig Flr, R/U Tbg Eqp, T/A Was Not Set, L/D 10' Tbg Sub, TOOH W/ 132 Jts 2 7/8 J-55 Tbg, Brake & Dope Each Conn. W/ Lubon 404G Dope, L/D 55 Jts Tbg, T/A, 1 Jt, S/N, 1 Jt, & N/C. P/U & RIH W/ 2 3/8 Re-entry Guide, 2 3/8X1.87 Profile Nipple, 4' 2 3/8 Sub, 2 7/8x2 3/8 XO, 5 1/2 Arrow Set Pkr, On Off Tool, 2 7/8 S/N, & 122 Jts Tbg, Tally Tbg When Tripping, SWI, 7:00PM CSDFN, 7:00PM-7:30PM C/Tvl.

1420psi & Held For One Hour, Tst Good, R/D Hot Oiler, R/D Rig Eqp, R/D & M/O NC#3
@12:00PM . Well Ready For MIT. Final Report. **Finalized**
Daily Cost: \$0
Cumulative Cost: \$47,332

10/23/2012 Day: 5

Conversion

Rigless on 10/23/2012 - Conduct initial MIT - On 10/19/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/22/2012 the casing was pressured up to 1275 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 325 psig during the test. There was not a State representative available to witness the test. - On 10/19/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/22/2012 the casing was pressured up to 1275 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 325 psig during the test. There was not a State representative available to witness the test. - On 10/19/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/22/2012 the casing was pressured up to 1275 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 325 psig during the test. There was not a State representative available to witness the test. - On 10/19/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/22/2012 the casing was pressured up to 1275 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 325 psig during the test. There was not a State representative available to witness the test. **Finalized**
Daily Cost: \$0
Cumulative Cost: \$120,666

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

| | |
|--|--|
| 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 Oil Well | 8. WELL NAME and NUMBER: FEDERAL 15-8-9-16 |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | 9. API NUMBER: 4301333060000 |
| 3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052 | PHONE NUMBER: 435 646-4825 Ext |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0703 FSL 1952 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 08 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: 11/27/2012 | <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 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="Put on Injection"/> |

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

The above reference well was put on injection at 12:30 PM on 11/27/2012.

Accepted by the Utah Division of Oil, Gas and Mining

Date: December 12, 2012

By:

| | | |
|--|------------------------------|------------------------------------|
| NAME (PLEASE PRINT) Lucy Chavez-Naupoto | PHONE NUMBER 435 646-4874 | TITLE Water Services Technician |
| SIGNATURE N/A | DATE 11/30/2012 | |

Spud Date: 01/11/07
 Put on Production: 03/09/07
 K.B.: 5934, G.L.: 5922

Federal 15-8-9-16

Injection Wellbore Diagram

SURFACE CASING

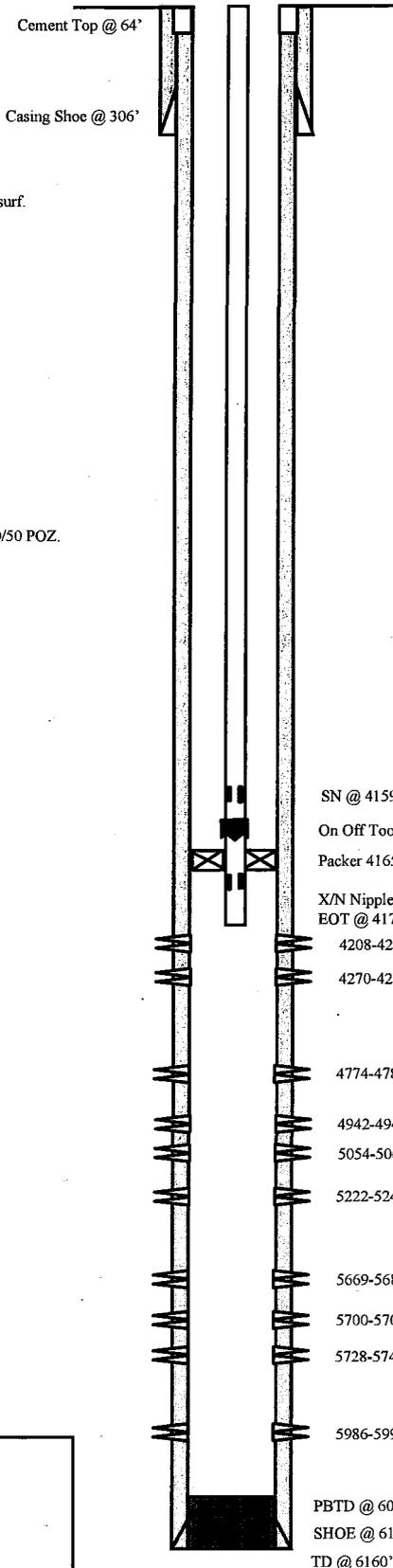
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (294.01')
 DEPTH LANDED: 305.86' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 139 jts. (6120.05')
 DEPTH LANDED: 6133.30' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP: 64'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 131 jts (4146.8')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4158.8' KB
 ON/OFF TOOL AT: 4159.9'
 ARROW #1 PACKER CE AT: 4165.1'
 XO 2-3/8 x 2-7/8 J-55 AT: 4168.8'
 TBG PUP 2-3/8 J-55 AT: 4169.4'
 X/N NIPPLE AT: 4173.5'
 TOTAL STRING LENGTH: EOT @ 4175'



FRAC JOB

03/02/07 5986-5994' **Frac CP5 sands as follows:**
 20494# 20/40 sand in 312 bbls Lightning 17 frac fluid. Treated @ avg press of 2232 psi w/avg rate of 24.9 BPM. ISIP 2044 psi. Calc flush: 5992 gal. Actual flush: 5477 gal.

03/02/07 5669-5741' **Frac CP1,CP2 sands as follows:**
 80764# 20/40 sand in 604 bbls Lightning 17 frac fluid. Treated @ avg press of 1494 psi w/avg rate of 24.8 BPM. ISIP 1909 psi. Calc flush: 5739 gal. Actual flush: 5124 gal.

03/02/07 5222-5240' **Frac A1 sands as follows:**
 161764# 20/40 sand in 1071 bbls Lightning 17 frac fluid. Treated @ avg press of 1500 psi w/avg rate of 24.9 BPM. ISIP 1944 psi. Calc flush: 5238 gal. Actual flush: 5250 gal.

03/05/07 5054-5064' **Frac B2 sands as follows:**
 29798# 20/40 sand in 385 bbls Lightning 17 frac fluid. Treated @ avg press of 1628 psi w/avg rate of 25.2 BPM. ISIP 1839 psi. Calc flush: 5062 gal. Actual flush: 4578 gal.

03/06/07 4942-4949' **Frac C sands as follows:**
 29152# 20/40 sand in 371 bbls Lightning 17 frac fluid. Treated @ avg press of 2111 psi w/avg rate of 24.9 BPM. ISIP 1839 psi. Calc flush: 4947 gal. Actual flush: 4452 gal.

03/06/07 4774-4788' **Frac D1 sands as follows:**
 79970# 20/40 sand in 595 bbls Lightning 17 frac fluid. Treated @ avg press of 1620 psi w/avg rate of 25.1 BPM. ISIP 2065 psi. Calc flush: 4786 gal. Actual flush: 4242 gal.

03/06/07 4208-4276' **Frac GB2, GB4 sands as follows:**
 42220# 20/40 sand in 360 bbls Lightning 17 frac fluid. Treated @ avg press of 2038 psi w/avg rate of 24.9 BPM. ISIP 1970 psi. Calc flush: 4274 gal. Actual flush: 4116 gal.

2/24/09
 11/25/09
 9/7/2010
 10/1/2010
 10/19/12

Pump Change. Updated rod & tubing details.
Parted rods. Updated rod and tubing detail
Parted rods. Updated rod and tubing detail.
Pump change. Updated rod and tubing detail.
Convert to Injection Well

Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

| Date | Wellbore Interval | Number of JSPF | Number of Holes |
|----------|-------------------|----------------|-----------------|
| 02/21/07 | 5986-5994' | 4 JSPF | 32 holes |
| 03/02/07 | 5728-5741' | 4 JSPF | 52 holes |
| 03/02/07 | 5700-5704' | 4 JSPF | 16 holes |
| 03/02/07 | 5669-5680' | 4 JSPF | 44 holes |
| 03/02/07 | 5222-5240' | 4 JSPF | 72 holes |
| 03/02/07 | 5054-5064' | 4 JSPF | 40 holes |
| 03/05/07 | 4942-4949' | 4 JSPF | 28 holes |
| 03/06/07 | 4774-4788' | 4 JSPF | 56 holes |
| 03/06/07 | 4270-4276' | 4 JSPF | 24 holes |
| 03/06/07 | 4208-4214' | 4 JSPF | 24 holes |

NEWFIELD



Federal 15-8-9-16

703' FSL & 1952' FEL
 SW/SE Section 8-T9S-R16E
 Duchesne Co, Utah

API #43-013-33060; Lease #UTU-64379

PBTD @ 6089'
 SHOE @ 6133'
 TD @ 6160'



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-395

Operator: Newfield Production Company
Well: Federal 15-8-9-16
Location: Section 8, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-33060
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on October 1, 2012.
2. Maximum Allowable Injection Pressure: 1,806 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,071' – 6,089')
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: Clinton A. Shuehah
for John Rogers
Associate Director

10/15/2012
Date

JR/MLR/js

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

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

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114 -5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • www.ogm.utah.gov



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

Uintah Basin
Standard
 www.ubstandard.com
Express
 www.vernal.com

RECEIVED
 JUL 09 2012

DIV. OF OIL, GAS & MINING
 Advertiser No.
 2080

| | | | |
|----------------|----------|--------------|-----------|
| Invoice Number | 32047 | Invoice Date | 6/26/2012 |
| Invoice Amount | \$176.25 | Due Date | 7/26/2012 |

DIVISION OF OIL GAS & MINING
 Rose Nolton
 1594 W. N.TEMPLE STE 121
 PO BOX 145801
 SALT LAKE CITY, UT 84114-5801

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. 32047 | 6/26/2012 |
|-----------------------|-----------|---|---------|-----------------------|-------------------|-----------|
| Date | Order | Description | Ad Size | SubTotal | Sales Tax | Amount |
| 6/26/2012 | 16065 UBS | UBS Legal Notice: Not of Agcy Actn: Cause No. UIC-395 Pub. June 26, 2012 | | | | \$176.25 |
| | | | | Sub Total: | | \$176.25 |
| | | | | Total Transactions: 1 | Total: | \$176.25 |

SUMMARY Advertiser No. 2080 Invoice No. 32047

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!

43 013 33060
 Federal 15-8-9-116
 95 16E 8

