

NEWFIELD



February 17, 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: 1-19-9-16, 2-19-9-16, 3-19-9-16, 4-19-9-16,
1-20-9-16, 3-20-9-16, 9-20-9-16, and 4-21-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed Federal 1-19-9-16 is an Exception Location. Our Land Department will send you the required Exception Location Letter. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED

FEB 21 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.
UTU-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 3-19-9-16

9. API Well No.
43-013-33064

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
NE/NW Sec. 19, T9S R16E

12. County or Parish
Duchesne

13. State
UT

1a. Type of Work: DRILL REENTER

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

2. Name of Operator
Newfield Production Company

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

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

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface NE/NW 699' FNL 1802' FWL 571343X 40.021816
At proposed prod. zone 4430303Y -110.163972

14. Distance in miles and direction from nearest town or post office*
Approximatley 19.7 miles southwest of Myton, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1802' f/lse, NA' f/unit
Approx. 1391'

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. 1391'

19. Proposed Depth
6015'

20. BLM/BIA Bond No. on file
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
6131' GL

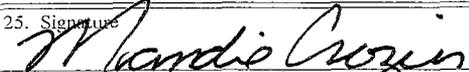
22. Approximate date work will start*
2nd Quarter 2006

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:

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

25. Signature  Name (Printed/Typed) Mandie Crozier Date 2/17/06

Title Regulatory Specialist

Approved by  Name (Printed/Typed) BRADLEY G. HILL ENVIRONMENTAL MANAGER Date 02-23-06

Title Office

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

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

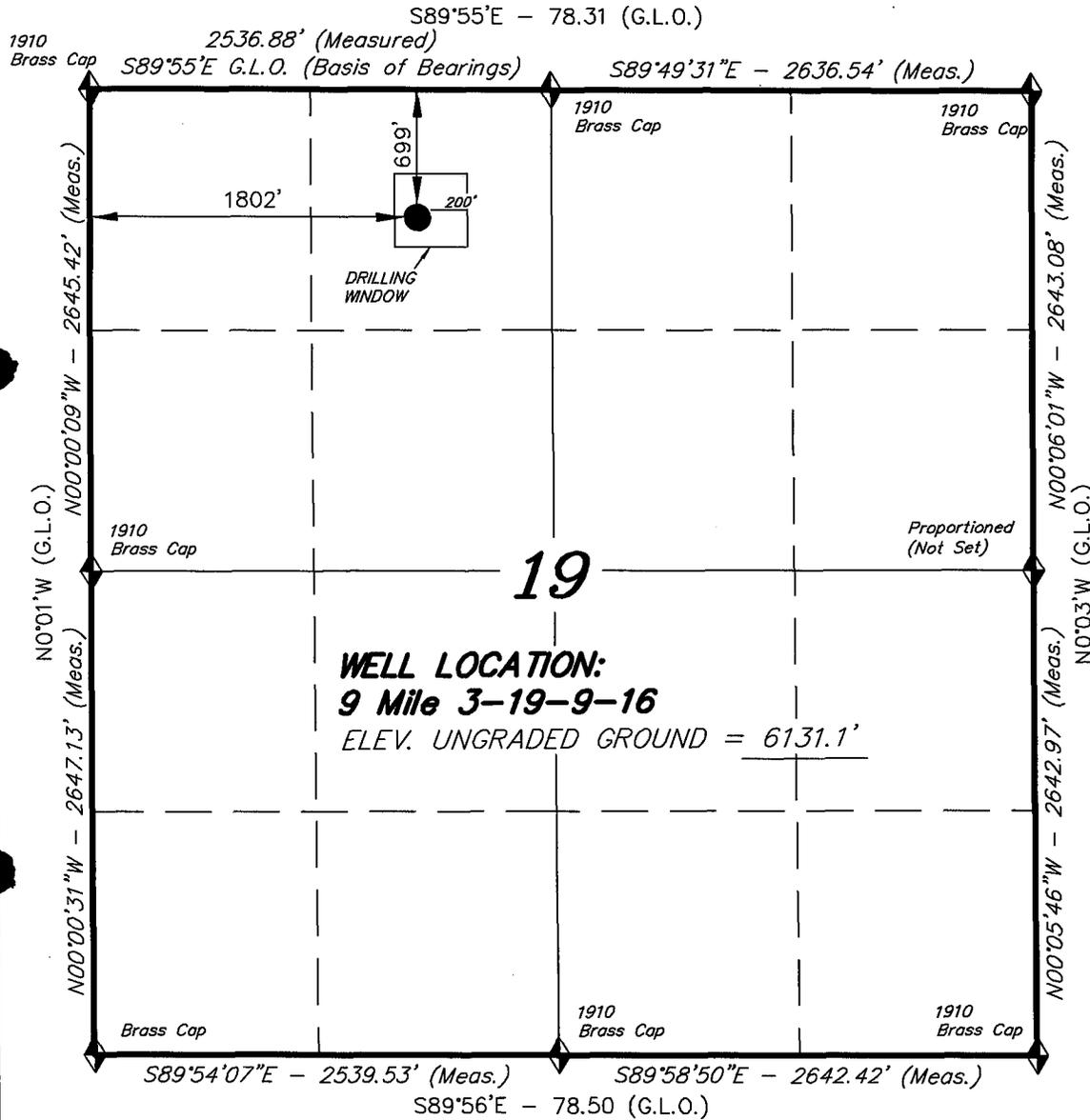
*(Instructions on reverse)

Federal Approval of this
Action is Necessary

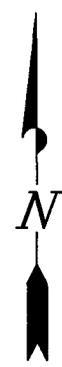
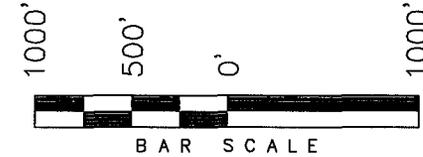
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FEB 21 2006
DIV. OF OIL, GAS & MINING

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

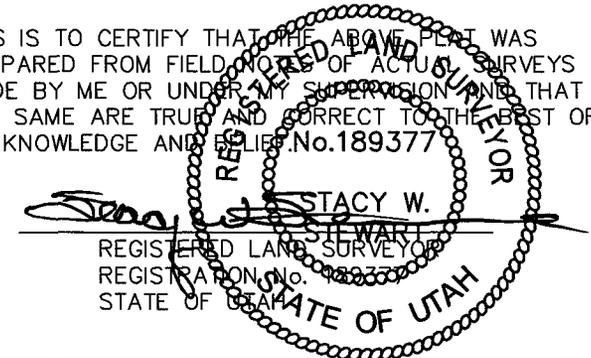
NEWFIELD PRODUCTION COMPANY



WELL LOCATION, 9 Mile 3-19-9-16,
 LOCATED AS SHOWN IN THE NE 1/4 NW
 1/4 OF SECTION 19, T9S, R16E,
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



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



= SECTION CORNERS LOCATED

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

9 Mile 3-19-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 01' 18.67"
 LONGITUDE = 110° 09' 53.00"

TRI STATE LAND SURVEYING & CONSULTING

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

| | |
|--------------------------|-------------------|
| DATE SURVEYED: 1-5-06 | SURVEYED BY: C.M. |
| DATE DRAWN: 1-6-06 | DRAWN BY: M.W. |
| REVISED: | SCALE: 1" = 1000' |

NEWFIELD PRODUCTION COMPANY
FEDERAL #3-19-9-16
NE/NW SECTION 19, 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' - 2585' |
| Green River | 2585' |
| Wasatch | 6015' |

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

Green River Formation 2585' - 6015' - 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 #3-19-9-16
NE/NW SECTION 19, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #3-19-9-16 located in the NE 1/4 NW 1/4 Section 19, 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 - 11.3 miles \pm to its junction with an existing road to the southwest; proceed in a southwesterly direction - 4.0 miles \pm to its junction with an existing road to the east; proceed northeasterly - 2.8 miles \pm to its junction with the beginning of the proposed access road to the northeast; proceed northeasterly along the proposed access road - 350' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #05-225, 7/13/05. Paleontological Resource Survey prepared by, Wade E. Miller, 11/10/05. See attached report cover pages, Exhibit "D".

For the Federal #3-19-9-16 Newfield Production Company requests 350' 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 350' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 6" gas gathering line, and a buried 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 350' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

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

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

Threatened, Endangered, And Other Sensitive Species

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

between May 15 and March 1 of the following year. If the nest site becomes active prior to May 15, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Sage Grouse: If new construction or surface disturbing activities are scheduled to occur between March 1 and June 30, detailed surveys of the area within 0.5 mile of the proposed location must be conducted to detect the presence of sage grouse. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Reserve Pit Liner

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

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

| | | |
|------------------------|-----------------------------|------------|
| Crested Wheatgrass | <i>Agropyron Cristatum</i> | 4 lbs/acre |
| Needle and Threadgrass | <i>Stipa Comata</i> | 4 lbs/acre |
| Indian Ricegrass | <i>Oryzopsis Hymenoides</i> | 4 lbs/acre |

Details of the On-Site Inspection

The proposed Federal #3-19-9-16 was on-sited on 11/3/05. The following were present; Shon Mckinnon (Newfield Production), Melissa Hawk (Bureau of Land Management), and Amy Torres (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

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

Representative

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

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #3-19-9-16 NE/NW Section 19, 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.

2/17/06

Date



Mandie Crozier

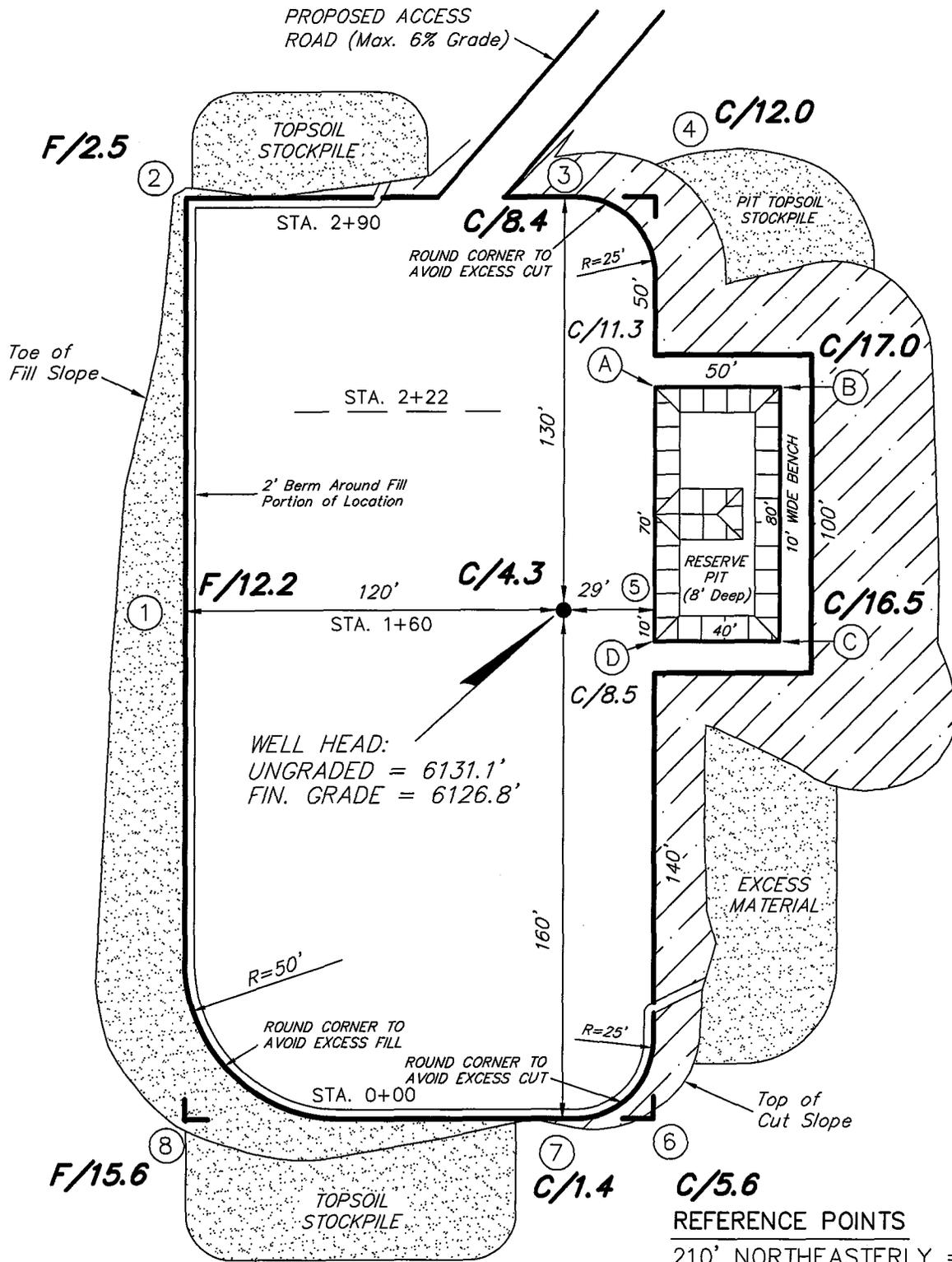
Regulatory Specialist

Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 3-19-9-16

Section 19, T9S, R16E, S.L.B.&M.



WELL HEAD:
UNGRADED = 6131.1'
FIN. GRADE = 6126.8'

- REFERENCE POINTS**
- 210' NORTHEASTERLY = 6125.4'
 - 260' NORTHEASTERLY = 6118.4'
 - 170' SOUTHEASTERLY = 6109.0'
 - 220' SOUTHEASTERLY = 6113.7'

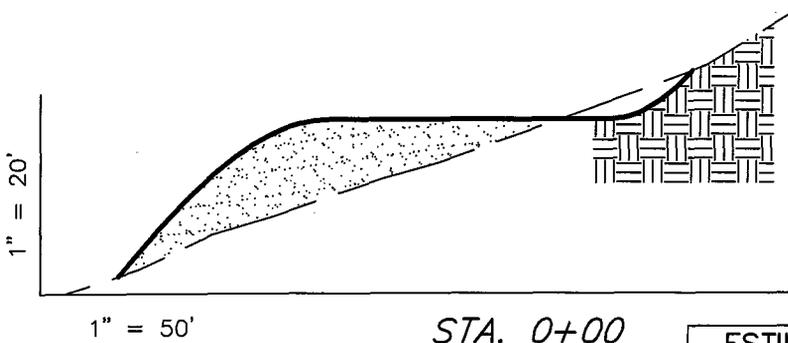
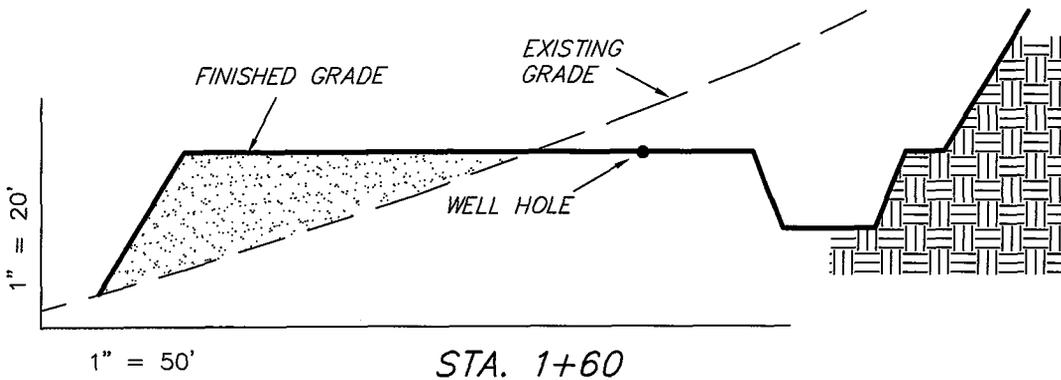
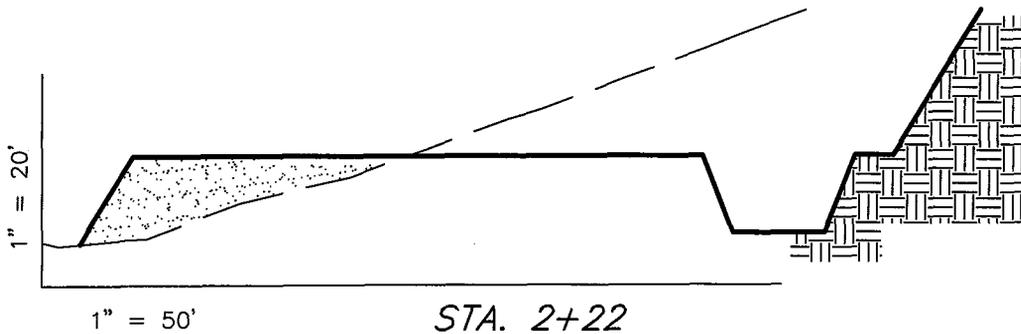
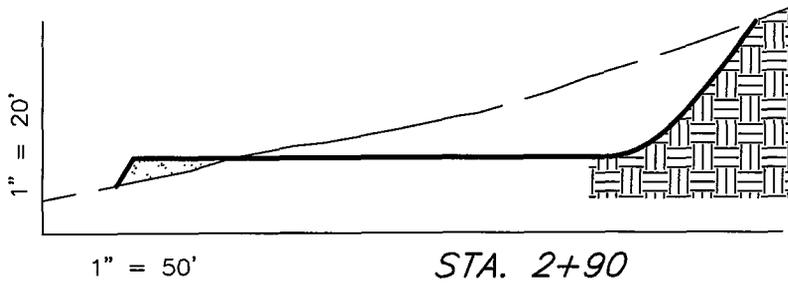
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| SURVEYED BY: C.M. | SCALE: 1" = 50' |
| DRAWN BY: M.W. | DATE: 1-6-06 |

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

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 3-19-9-16



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

| ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards) | | | | |
|---|-------|-------|--|--------|
| ITEM | CUT | FILL | 6" TOPSOIL | EXCESS |
| PAD | 8,090 | 8,090 | Topsoil is not included in Pad Cut | 0 |
| PIT | 640 | 0 | | 640 |
| TOTALS | 8,730 | 8,090 | 1,240 | 640 |

SURVEYED BY: C.M.

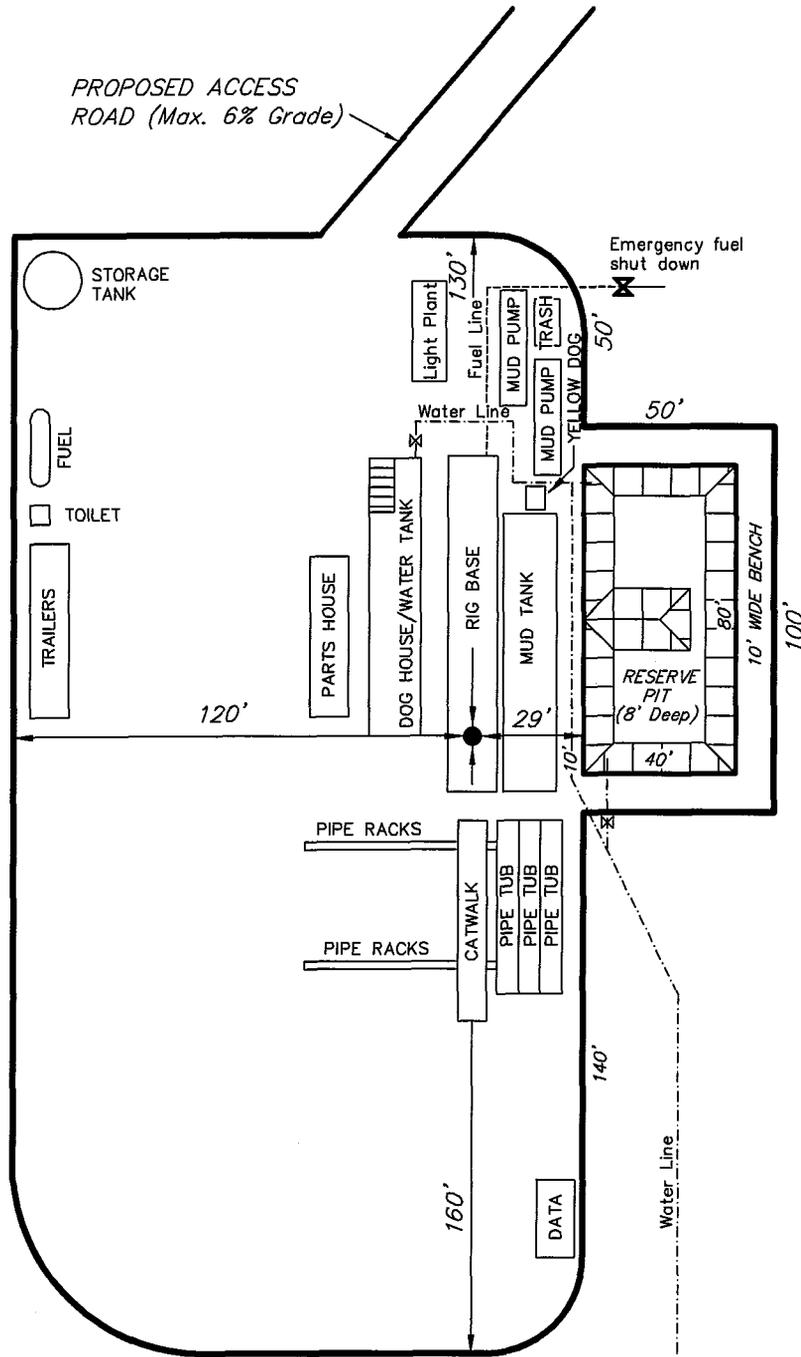
SCALE: 1" = 50'

DRAWN BY: M.W.

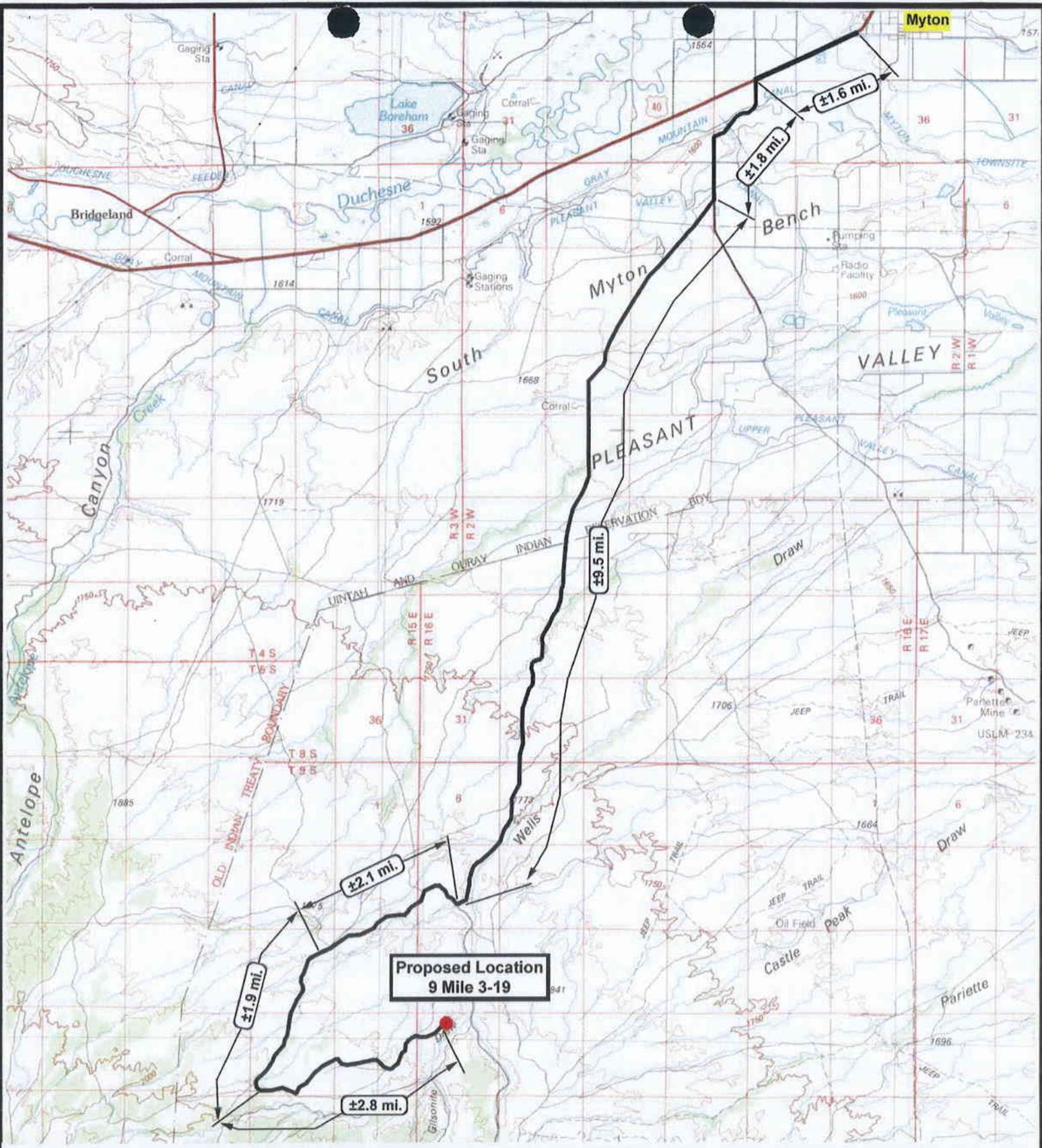
DATE: 1-6-06

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

NEWFIELD PRODUCTION COMPANY
TYPICAL RIG LAYOUT
9 MILE 3-19-9-16



| | | |
|-------------------|-----------------|---|
| SURVEYED BY: C.M. | SCALE: 1" = 50' | <p align="right">Tri State Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078</p> |
| DRAWN BY: M.W. | DATE: 1-6-06 | |



NEWFIELD
Exploration Company

9 Mile 3-19-9-16
SEC. 19, T9S, R16E, S.L.B.&M.



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

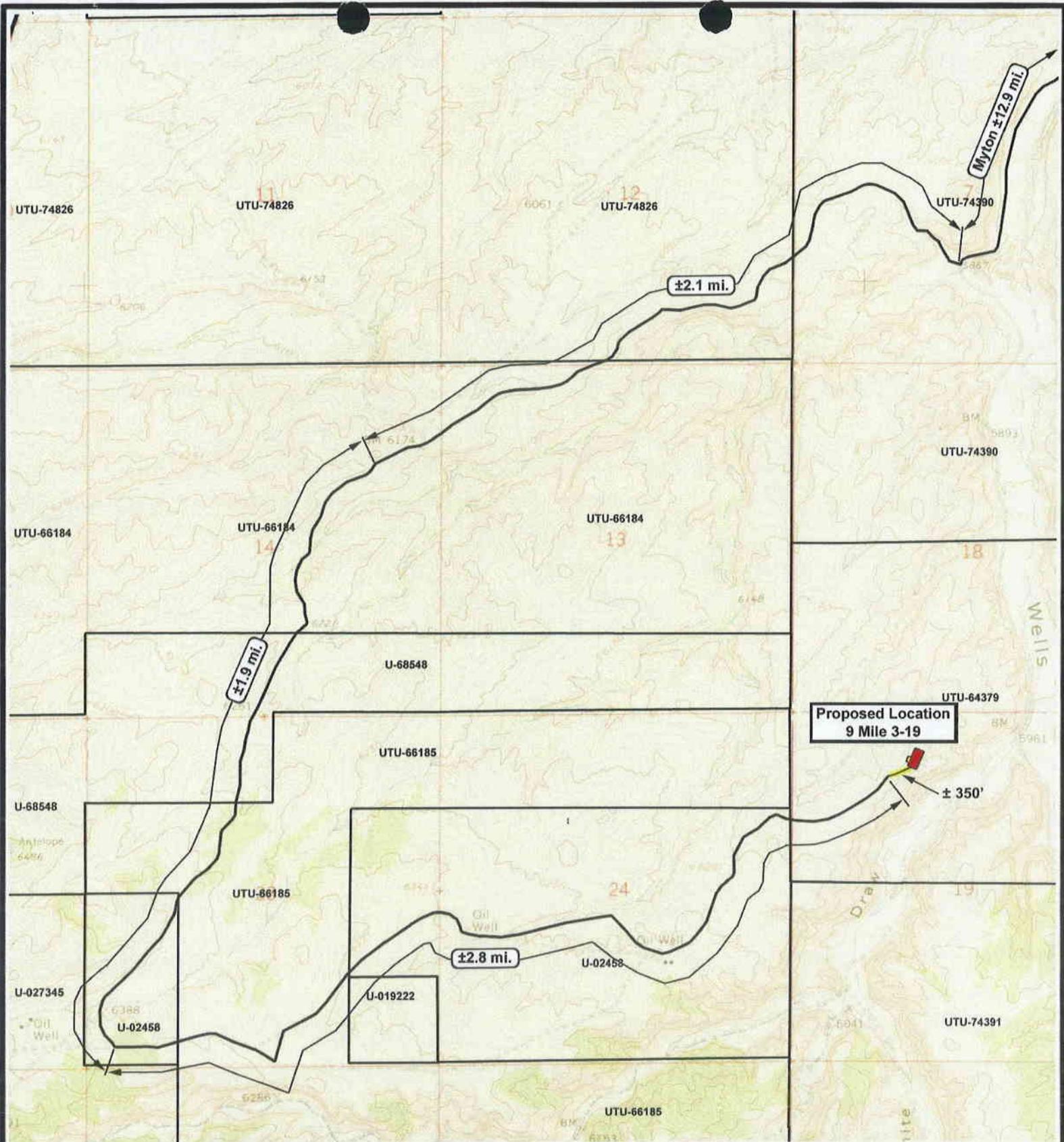
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DATE: 01-09-2006

Legend

- Existing Road
- Proposed Access

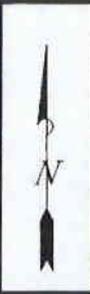
TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

9 Mile 3-19-9-16
SEC. 19, T9S, R16E, S.L.B.&M.



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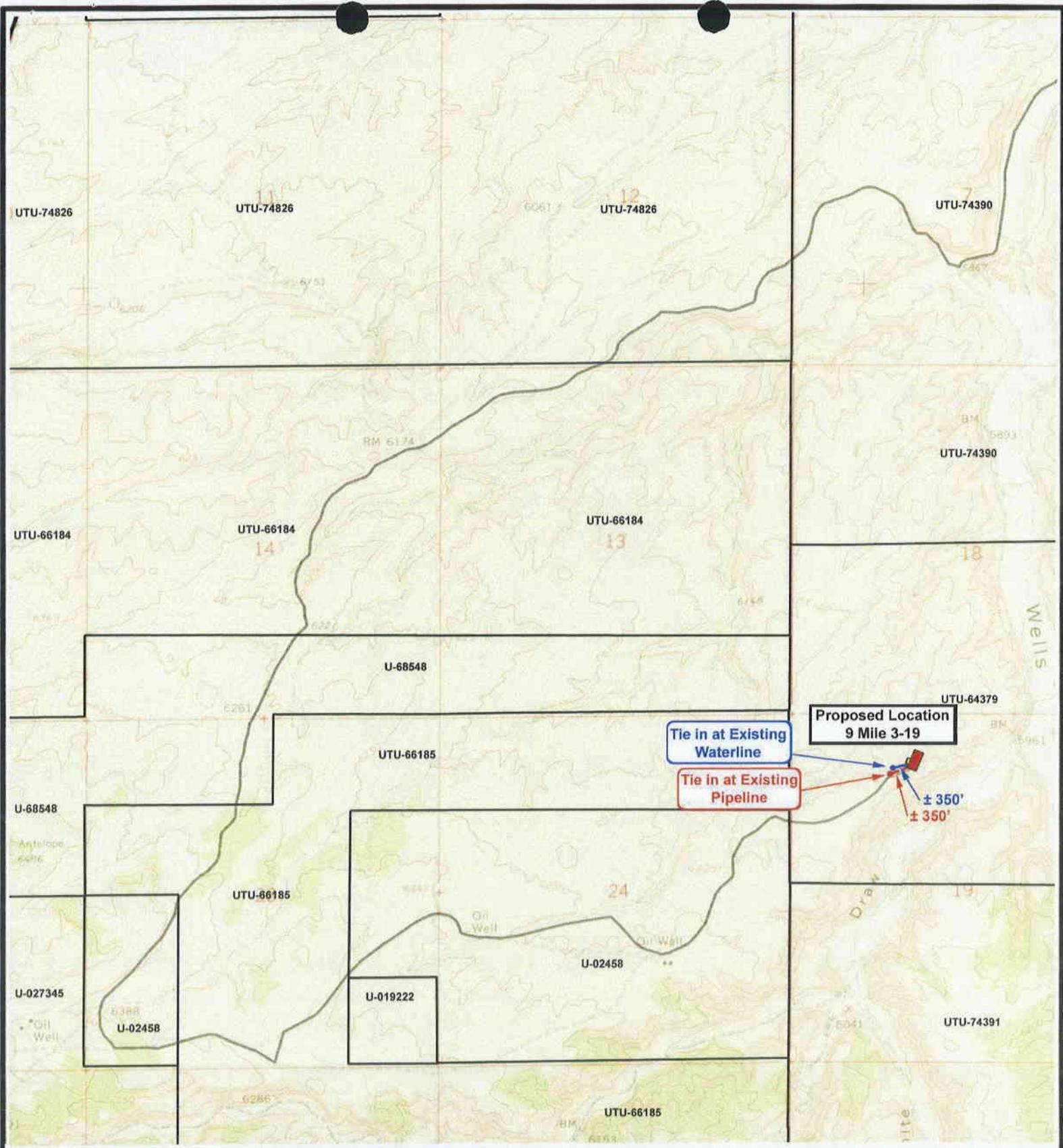
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DATE: 01-09-2006

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

"B"



NEWFIELD
Exploration Company

9 Mile 3-19-9-16
SEC. 19, T9S, R16E, S.L.B.&M.



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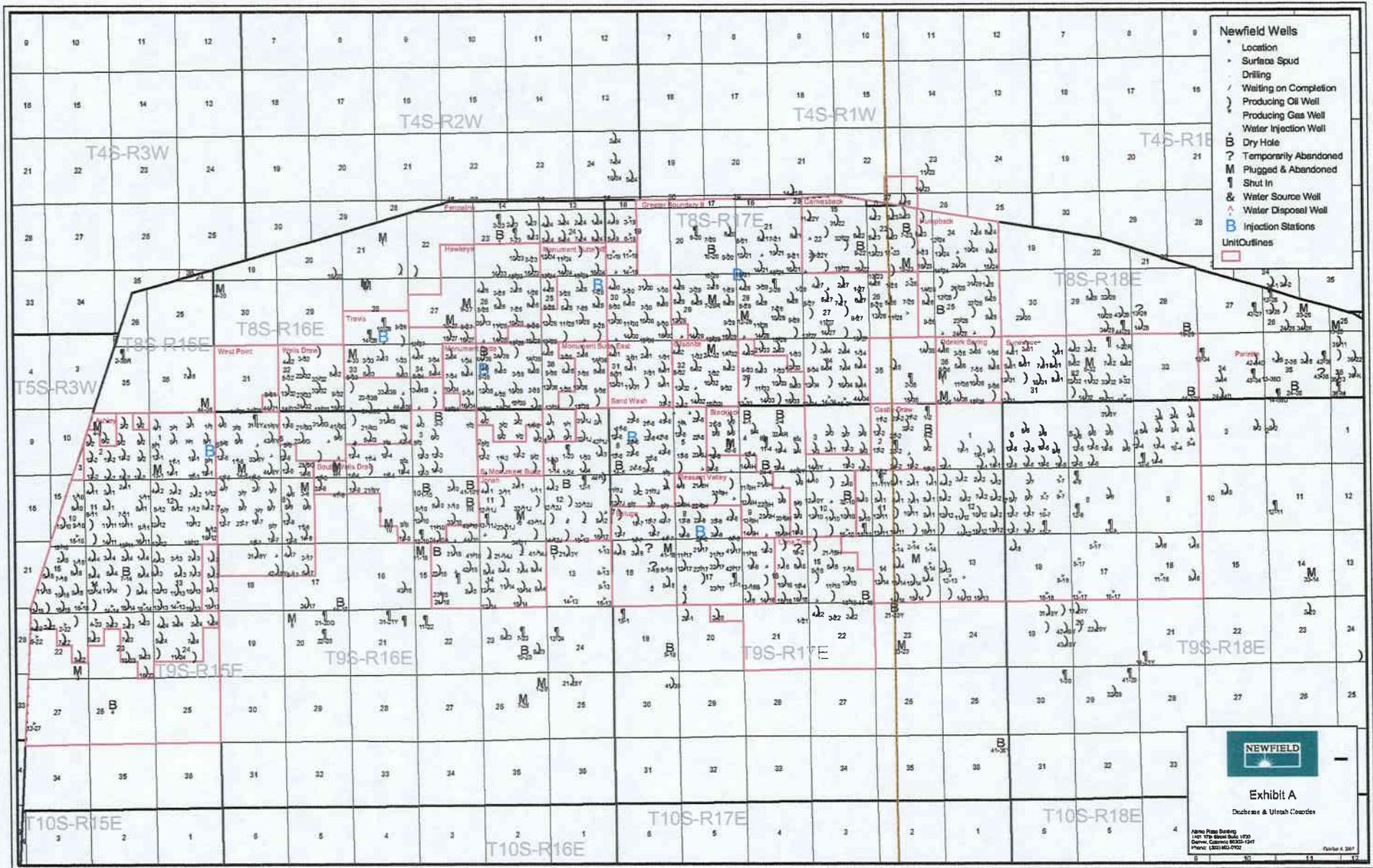
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DATE: 01-09-2006

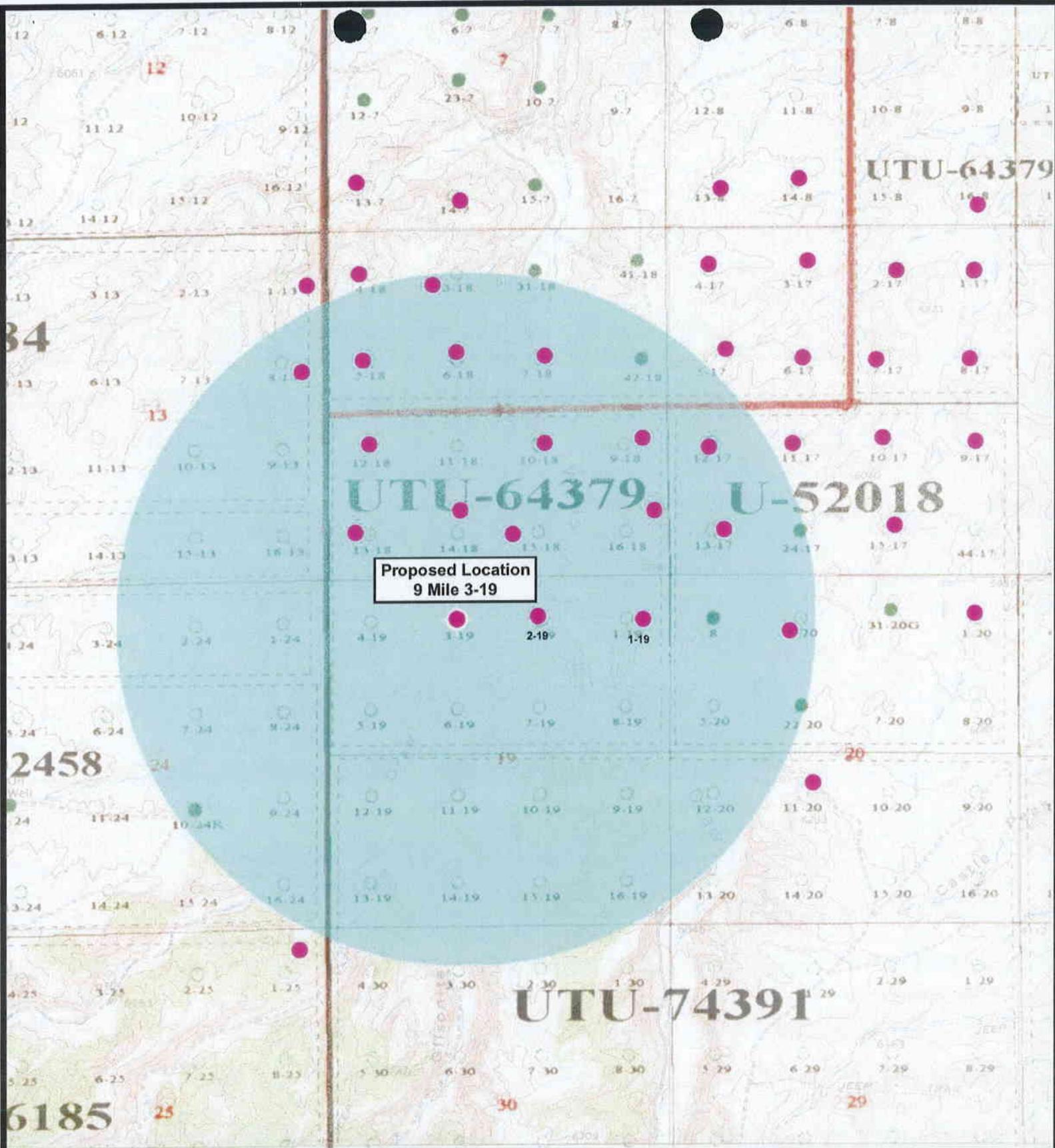
Legend

- Roads
- Proposed Gas Line
- Proposed Water Line

TOPOGRAPHIC MAP

"C"





Proposed Location
9 Mile 3-19



NEWFIELD
Exploration Company

9 Mile 3-19-9-16
SEC. 19, 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: 01-09-2006

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

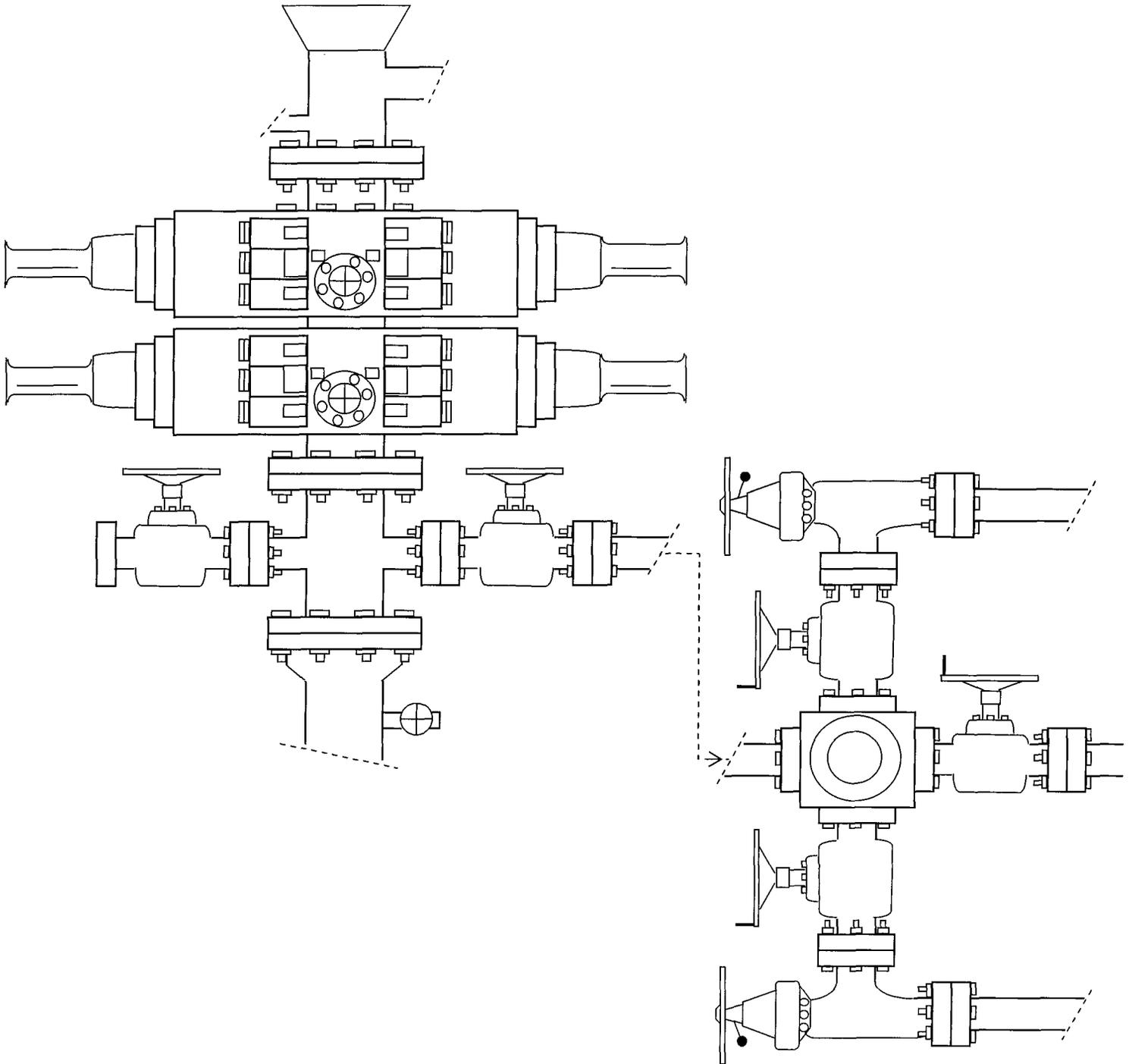


EXHIBIT C

Exhibit "D"
Page 1 of 2

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S BLOCK PARCEL
IN TOWNSHIP 9S, RANGE 16E, SECTION 19 AND 20,
DUCHESNE COUNTY, UTAH

By:

Shari Maria Silverman

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

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

Prepared By:

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

MOAC Report No. 05-225

July 13, 2005

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

State of Utah Antiquities Project (Survey)
Permit No. U-05-MQ-0668b

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: 02/21/2006

API NO. ASSIGNED: 43-013-33064

WELL NAME: FEDERAL 3-19-9-16
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NEWN 19 090S 160E
 SURFACE: 0699 FNL 1802 FWL
 BOTTOM: 0699 FNL 1802 FWL
 COUNTY: DUCHESNE
 LATITUDE: 40.02182 LONGITUDE: -110.1640
 UTM SURF EASTINGS: 571343 NORTHINGS: 4430303
 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)

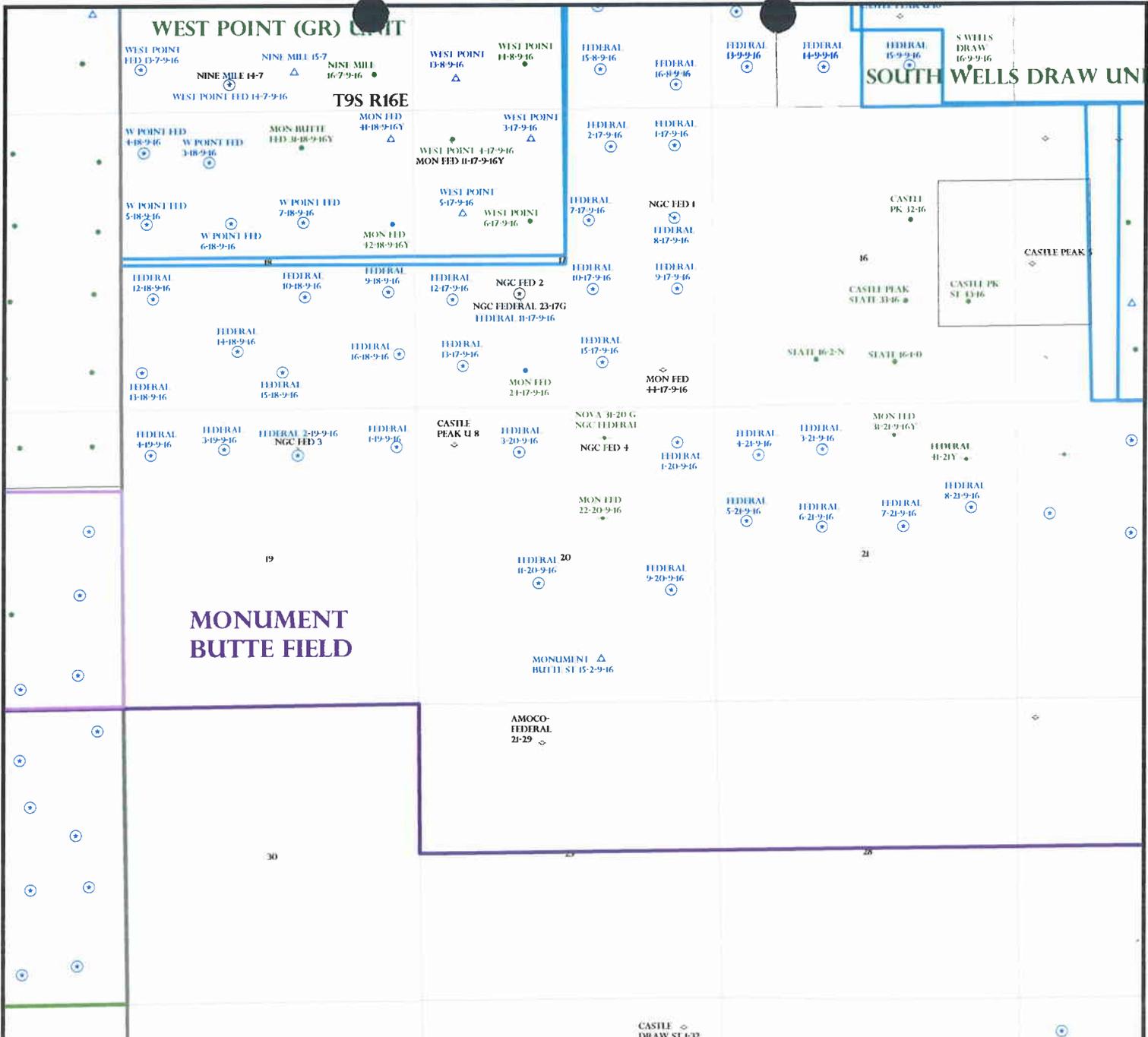
LOCATION AND SITING:

- 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: See Separat file

STIPULATIONS: 1- Federal Approved

2- Spacing Strip

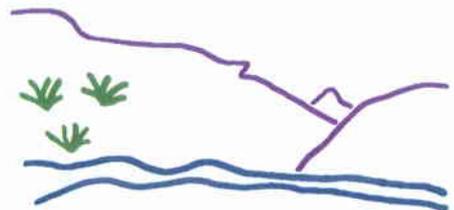


OPERATOR: NEWFIELD PROD CO (N2695)
 SEC: 19,20,21 T. 9S R. 16E
 FIELD: MONUMENT BUTTE (105)
 COUNTY: DUCHESNE
 SPACING: R649-3-2 / GENERAL SITING

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

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

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



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
 DATE: 23-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 23, 2006

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

Re: Federal 3-19-9-16 Well, 699' FNL, 1802' FWL, NE NW, Sec. 19, 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 43-013-33064.

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 3-19-9-16
API Number: 43-013-33064
Lease: UTU-64379

Location: NE NW **Sec.** 19 **T.** 9 South **R.** 16 East

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
UTU-64379

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
FEDERAL 3-19-9-16

9. API Well No.
43-013-33064

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
699 FNL 1802 FWL NE/NW Section 19, T9S R16E

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

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

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

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 2/23/06 (expiration 2/23/07).

This APD has not been approved yet by the BLM.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 02-07-07
By: [Signature]

2-8-07
RM

FEB 06 2007

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

Signed Mandie Crozier Title Regulatory Specialist Date 2/2/2007
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM

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

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

API: 43-013-33064
Well Name: Federal 3-19-9-16
Location: NE/NW Section 19,T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 2/23/2006

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

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

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

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

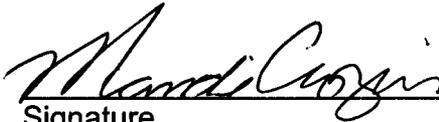
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

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

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

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

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


Signature

2/2/2007
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

FEB 06 2007

RECEIVED

FEB 21 2006

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

CLIVE, UTAH

| |
|---|
| 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 3-19-9-16 |
| 9. API Well No. 43-013-33064 |
| 10. Field and Pool, or Exploratory Monument Butte |
| 11. Sec., T., R., M., or Blk. and Survey or Area NE/NW Sec. 19, T9S R16E |
| 12. County or Parish Duchesne |
| 13. State UT |
| 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. 1391' |
| 19. Proposed Depth 6015' |
| 20. BLM/BIA Bond No. on file UTB000192 |
| 22. Approximate date work will start* 2nd Quarter 2006 |
| 23. Estimated duration Approximately seven (7) days from spud to rig release |

| | |
|--|---|
| 1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER | |
| 1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone | |
| 2. Name of Operator Newfield Production Company | |
| 3a. Address Route #3 Box 3630, Myton UT 84052 | 3b. Phone No. (include area code) (435) 646-3721 |
| 4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/NW 699' FNL 1802' FWL At proposed prod. zone | |
| 14. Distance in miles and direction from nearest town or post office* Approximatley 19.7 miles southwest of Myton, Utah | |
| 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1802' f/lse, NA' f/unit | 16. No. of Acres in lease 1626.36 |
| 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1391' | 19. Proposed Depth 6015' |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6131' 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:

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

| | | |
|---|--|-------------------|
| 25. Signature | Name (Printed/Typed) Mandie Crozier | Date 2/17/06 |
| Title Regulatory Specialist | | |
| Approved by (Signature) | Name (Printed/Typed) Jerry Kowczka | Date 2-16-2007 |
| Title Assistant Field Manager Lands & Mineral Resources | Office VERNAL FIELD OFFICE | |

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL ATTACHED

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

*(Instructions on reverse)

RECEIVED

NOTICE OF APPROVAL

FEB 26 2007

DIV. OF OIL, GAS & MINING

No NOS

07BM4673A





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:** NENW, Sec 19, T9S, R16E
Well No: Federal 3-19-9-16 **Lease No:** UTU-64379
API No: 43-013-33064 **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: 435-828-7874 |
| Petroleum Engineer: | Ryan Angus | Office: 435-781-4430 | |
| 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: | Chuck Macdonald | Office: 435-781-4441 | |
| Natural Resource Specialist: | Darren Williams | Office: 435-781-4447 | |
| Natural Resource Specialist: | Verlyn Pindell | Office: 435-781-3402 | |
| 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 Chuck Macdonald) - Forty-Eight (48) hours prior to construction of location and access roads.
- Location Completion (Notify Chuck Macdonald) - Prior to moving on the drilling rig.
- Spud Notice (Notify Petroleum Engineer) - Twenty-Four (24) hours prior to spudding the well.
- Casing String & Cementing (Notify 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 Petroleum Engineer) - Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

LEASE STIPULATIONS AND NOTICES

- Lands in this lease have been identified as containing Golden Eagle habitat. Modifications to the Surface Use Plan of Operations may be required in order to protect the Golden eagle and/or habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- Lands in this lease have been identified as containing Ferruginous Hawk habitat. Modifications to the Surface Use Plan of Operations may be required in order to protect the Golden eagle and/or habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- There is a Golden eagle nest located 0.11 miles W of the proposed location. No construction or drilling shall occur from February 1 through July 15.
- No surface use is allowed March 1 through June 30 due to sage grouse nesting areas. This stipulation will not apply if sage grouse are not present or if impacts could be mitigated. If it is anticipated that construction and drilling will occur within the timing limitation for sage grouse, a BLM biologist must be contacted 2 weeks prior to the construction start date so surveys can be initiated.

CONDITIONS OF APPROVAL

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

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

| | |
|---|------------|
| Crested Wheatgrass (<i>Agropyron cristatum</i>) | 4 lbs/acre |
| Needle and Thread Grass (<i>Stipa comata</i>) | 4 lbs/acre |
| Indian Ricegrass (<i>Oryzopsis hymenoides</i>) | 4 lbs/acre |

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

- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.
- Operator shall notify any active gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.

DOWNHOLE CONDITIONS OF APPROVAL

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

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. A variance is granted for O.O. #2 III. E. 1.
 - a. The blooie line shall be straight or have targeted tees for bends in the line.
 - b. Not requiring an automatic igniter or continuous pilot on the blooie line.
2. Run a cement bond log from TD to the base of the surface casing shoe.

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.

Cement baskets shall not be run on surface 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 and gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to the Vernal Field Office in writing within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
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 top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_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 3-19-9-16

Api No: 43-013-33064 Lease Type: FEDERAL

Section 19 Township 09S Range 16E County UINTAH

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 09/12/07

Time 3:00 PM

How DRY

Drilling will Commence: _____

Reported by DELL RAY

Telephone # (435) 828-6110

Date 09/13/07 Signed CHD

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

OPERATOR: NEWFIELD PRODUCTION COMPANY
 ADDRESS: RT. 3 BOX 3830
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | SPUD DATE | EFFECTIVE DATE | |
|--|--------------------|----------------|------------|--------------------|---------------|----|----|-----|-----------|----------------|---------|
| | | | | | QQ | SC | TP | RG | | | COUNTY |
| B | 99999 | 11492 | 4301333493 | JONAH FED G-6-9-17 | NWNW | 6 | 9S | 17E | DUCHESNE | 9/7/2007 | 9/25/07 |
| WELL 1 COMMENTS: <i>GRW BHL = NWNW</i> | | | | | | | | | | | |
| B | 99999 | 11492 | 4301333499 | JONAH FED M-6-9-17 | NESW | 6 | 9S | 17E | DUCHESNE | 9/8/2007 | 9/25/07 |
| WELL 2 COMMENTS: <i>GRW BHL = NESW</i> | | | | | | | | | | | |
| B | 99999 | 11492 | 4301333495 | JONAH FED I-6-9-17 | SWNE | 6 | 9S | 17E | DUCHESNE | 9/10/2007 | 9/25/07 |
| WELL 3 COMMENTS: <i>GRW BHL = SWNE</i> | | | | | | | | | | | |
| A | 99999 | 16364 | 4301333064 | FEDERAL 3-19-9-16 | NENW | 19 | 9S | 16E | DUCHESNE | 9/12/2007 | 9/25/07 |
| WELL 4 COMMENTS: <i>GRW</i> | | | | | | | | | | | |
| | | | | | | | | | | | |
| WELL 5 COMMENTS: | | | | | | | | | | | |
| | | | | | | | | | | | |
| WELL 6 COMMENTS: | | | | | | | | | | | |

- ACTION CODES (See instructions on back of form)
- A - 1 new entry for new well (single well only)
 - B - well to existing entity (group or unit well)
 - C - from one existing entity to another existing entity
 - D - well from one existing entity to a new entity
 - E - other (explain in comments section)

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

RECEIVED
 SEP 13 2007

DIV. OF OIL, GAS & MINING

Jenri Park
 Signature
 Production Clerk
 Date 09/13/07

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.
USA UTU-64379

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
FEDERAL 3-19-9-16

9. API Well No.
4301333064

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
699 FNL 1802 FWL
NENW Section 19 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 recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 9/16/07 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 @ 265'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5,950. 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, 152 jt's of 5.5 J-55, 15.5# csgn. Set @ 5945.27' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.49 yld. Then 44 sks cement mixed @ 14.4 ppg & 1.24 yld. With 21 bbls cement returned to pit. Nipple down Bop's. Drop slips @70,000 #'s tension. Release rig 5:30 AM 9/21/07.

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

Signature 

Title
Drilling Foreman

Date
09/26/2007

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
SEP 27 2007

DIV. OF OIL, GAS & MINING

5 1/2" CASING SET AT 5945.27

Flt cllr @ 5896.75

LAST CASING 8 5/8" SET # 324.27'

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Federal 3-19-9-16

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # NDSI # 1

TD DRILLER 5950' Loggers 5950'

HOLE SIZE 7 7/8"

LOG OF CASING STRING:

| PIECES | OD | ITEM - MAKE - DESCRIPTION | WT / FT | GRD | THREAD | CONDT | LENGTH |
|---|--------|--|---------------------|-----------------------------|--------|-------|----------------|
| | | Landing Jt | | | | | |
| | | Short jt 3793' (6.20') | | | | | |
| 152 | 5 1/2" | ETC LT & C casing | 15.5# | J-55 | 8rd | A | 5896.75 |
| | | Float collar | | | | | 0.6 |
| 1 | 5 1/2" | ETC LT&C csg | 15.5# | J-55 | 8rd | A | 39.27 |
| | | GUIDE shoe | | | 8rd | A | 0.65 |
| CASING INVENTORY BAL. | | FEET | JTS | TOTAL LENGTH OF STRING | | | 5937.27 |
| TOTAL LENGTH OF STRING | | 5937.27 | 153 | LESS CUT OFF PIECE | | | 4 |
| LESS NON CSG. ITEMS | | 15.25 | | PLUS DATUM TO T/CUT OFF CSG | | | 12 |
| PLUS FULL JTS. LEFT OUT | | 195.59 | 5 | CASING SET DEPTH | | | 5945.27 |
| TOTAL | | 6117.61 | 154 | } COMPARE | | | |
| TOTAL CSG. DEL. (W/O THRDS) | | 6131.61 | 154 | | | | |
| TIMING | | 1ST STAGE | 2nd STAGE | GOOD CIRC THRU JOB | | | YES |
| BEGIN RUN CSG. | | 9/20/2007 | 4:30 PM | Bbls CMT CIRC TO SURFACE | | | 21 |
| CSG. IN HOLE | | 9/20/2007 | 9:00 PM | RECIPROCATED PIPE FOR | | | THRUSTROKE NA |
| BEGIN CIRC | | 9/20/2007 | 9:00 PM | DID BACK PRES. VALVE HOLD ? | | | YES |
| BEGIN PUMP CMT | | 9/20/2007 | 10:57 PM | BUMPED PLUG TO | | | 2100 PSI |
| BEGIN DSPL. CMT | | 9/20/2007 | 11:57 PM | | | | |
| PLUG DOWN | | 9/20/2007 | 12:32 AM | | | | |
| CEMENT USED | | CEMENT COMPANY- B. J. | | | | | |
| STAGE | # SX | CEMENT TYPE & ADDITIVES | | | | | |
| 1 | 300 | Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake | | | | | |
| | | mixed @ 11.0 ppg W / 3.49 cf/sk yield | | | | | |
| 2 | 440 | 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 Alvin Nielsen

DATE 9/20/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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



1. Type of Well
 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)
 699 FNL 1802 FWL
 NENW Section 19 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 3-19-9-16

9. API Well No.
 4301333064

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 10/12/2007 |



| | | |
|---|--------|------|
| 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 States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

OCT 16 2007

DIV. OF OIL, GAS & MINING

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

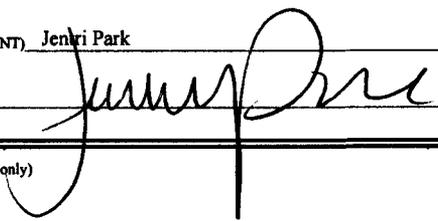
| | | |
|--|--|---|
| 1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | | 7. UNIT or CA AGREEMENT NAME: |
| 3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 | | 8. WELL NAME and NUMBER: FEDERAL 3-19-9-16 |
| 4. LOCATION OF WELL: FOOTAGES AT SURFACE: 699 FNL 1802 FWL | | 9. API NUMBER: 4301333064 |
| OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENW, 19, T9S, R16E | | 10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE |
| | | COUNTY: DUCHESNE |
| | | STATE: UT |

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|---|
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>11/07/2007</u> | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLAIR |
| | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/STOP) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input checked="" type="checkbox"/> OTHER: - Weekly Status Report |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

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

The above subject well was completed on 10/11/07, attached is a daily completion status report.

| | |
|---|-------------------------------|
| NAME (PLEASE PRINT) <u>Jenri Park</u> | TITLE <u>Production Clerk</u> |
| SIGNATURE  | DATE <u>11/07/2007</u> |

(This space for State use only)

RECEIVED
NOV 16 2007
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 3-19-9-16

8/1/2007 To 12/30/2007

10/6/2007 Day: 1**Completion**

Rigless on 10/5/2007 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5873' & cement top @ 30'. Perforate stage #1, LODC sds @ 5228-40' w/ 3-1/8" Slick Guns (19 gram, .49"EH, 120°) w/ 4 spf for total of 48 shots. 141 BWTR. SWIFN.

10/9/2007 Day: 2**Completion**

Rigless on 10/8/2007 - U BJ Services "Ram Head" frac flange. RU BJ & frac LODC sds, stage #1 down casing w/ 45,550#'s of 20/40 sand in 450 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2693 psi. Pump 30 gals of Techna Hib before pad. Treated @ ave pressure of 1899 @ ave rate of 24.7 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2160. 591 bbls EWTR. Leave pressure on well. RU Perforators LLC WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 7' perf gun. Set plug @ 5080'. Perforate A1 sds @ 4975-82' w/ 3-1/8" Slick Guns (19 gram, .49"HE, 120°) w/ 4 spf for total of 28 shots. RU BJ & frac stage #2 w/ 24,422#'s of 20/40 sand in 350 bbls of Lightning 17 frac fluid. Open well w/ 1765 psi on casing. Perfs broke down @ 2084 psi. Pump 30 gals of Techna Hib before pad. Treated @ ave pressure of 2402 @ ave rate of 24.9 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2248. 941 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 8' perf gun. Set plug @ 4910'. Perforate B.5 sds @ 4823-31' w/ 4 spf for total of 32 shots. RU BJ & frac stage #3 w/ 29,655#'s of 20/40 sand in 390 bbls of Lightning 17 frac fluid. Open well w/ 1470 psi on casing. Perfs broke down @ 3200 psi. Pump 30 gals of Techna Hib before pad. Treated @ ave pressure of 2022 @ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1907. 1331 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 9' perf gun. Set plug @ 4700'. Perforate D1 sds @ 4594-4603' w/ 4 spf for total of 36 shots. RU BJ & frac stage #4 w/ 69,977#'s of 20/40 sand in 571 bbls of Lightning 17 frac fluid. Open well w/ 1475 psi on casing. Perfs broke down @ 4000 psi. Pump 30 gals of Techna Hib before pad. Treated @ ave pressure of 1748 @ ave rate of 24.8 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1927. 1902 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 16' perf gun. Set plug @ 4200'. Perforate GB4 sds @ 4082-98' w/ 4 spf for total of 64 shots. RU BJ & frac stage #5 w/ 84,076#'s of 20/40 sand in 655 bbls of Lightning 17 frac fluid. Open well w/ 1704 psi on casing. Perfs broke down @ 3840 psi. Pump 30 gals of Techna Hib before pad. Treated @ ave pressure of 1625 @ ave rate of 24.8 bpm w/ 8 ppg of sand. ISIP was 1836. 2557 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 5 hours & died w/ 357 bbls rec'd. SIFN.

10/10/2007 Day: 3**Completion**

Western #4 on 10/9/2007 - MIRUSU. Open well w/ 450 psi on casing. RD Cameron BOP's & 5K frac head. Instal 3K production tbg head & Schaefer BOP's. PU 4-3/4" Chomp bit (used) & bit sub. Tally & pickup new J-55, 2-7/8" 6.5# tbg off racks & TIH w/ 134 jts to tag sand @ 4136'. RU pump/tank & swivel. C/O to plug @ 4200'. Drlg out plug #1. TIH w/ tbg to tag sand @ 4692'. C/O to plug @ 4700'. Drlg out plug

#2. SIFN.**10/11/2007 Day: 4****Completion**

Western #4 on 10/10/2007 - Open well w/ 250 psi on casing. Continue TIH w/ tbg to tag plug @ 4910'. RU swivel, pump/lines. Drlg out plug #3. TIH w/ tbg to tag sand @ 5069'. C/O to plug @ 5080'. Drlg out plug #4. TIH w/ tbg to tag sand @ 5779'. C/O to PBTD @ 5905'. LD 2 jts tbg (5845'). RU swab. Made 16 runs to rec'd 150 bbls fluid. IFL surface. FFL was 1300'. Last run showed no sand w/ trace of oil. RD swab. TIH & tag 4' new sand. C/O to PBTD @ 5905'. TOOH w/ tbg. LD bit & bit sub. TIH w/ NC, 2 jts tbg, SN, 1 jt tbg, TA (new- CDI w/ 45,000# shear), 168 jts tbg. ND BOP's. Set TA @ 5200' in 16,000#'s tension w/ SN @ 5234' & EOT @ 5297'. SIFN.

10/12/2007 Day: 5**Completion**

Western #4 on 10/11/2007 - Open well w/ 250 psi on casing. Flush tbg w/ 60 bbls hot water. Pickup & prime pump. TIH w/ 2-1/2" x 1-1/2" x 12' x 15.5' RHAC (new CDI pump w/ 124"SL), 6- 1-1/2" weight rods, 20- 3/4" guided rods, 82- 3/4" slick rods, 100- 3/4" guided rods, 2', 4', 8' x 3/4" pony rod, 1-1/2" x 26' Polish rod. Space pump. Test tbg & pump to 800 psi w/ pump unit. RDMOSU. POP @ 12:30 PM w/ 74"SL @ 5 SPM. Final Report.

Pertinent Files: Go to File List**RECEIVED****NOV 16 2007**

DIV. OF OIL, GAS & MINING

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

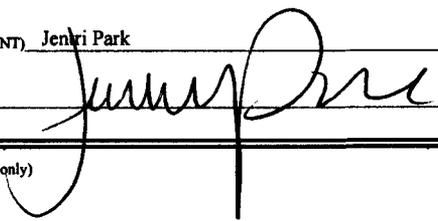
| | | |
|--|--|---|
| 1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | | 7. UNIT or CA AGREEMENT NAME: |
| 3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 | | 8. WELL NAME and NUMBER: FEDERAL 3-19-9-16 |
| 4. LOCATION OF WELL: FOOTAGES AT SURFACE: 699 FNL 1802 FWL | | 9. API NUMBER: 4301333064 |
| OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENW, 19, T9S, R16E | | 10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE |
| | | COUNTY: DUCHESNE |
| | | STATE: UT |

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|---|
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>11/07/2007</u> | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARITLY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLAIR |
| | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/STOP) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input checked="" type="checkbox"/> OTHER: - Weekly Status Report |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

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

The above subject well was completed on 10/11/07, attached is a daily completion status report.

NAME (PLEASE PRINT) Jenri Park TITLE Production Clerk
SIGNATURE  DATE 11/07/2007

(This space for State use only)

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NOV 16 2007
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 3-19-9-16

8/1/2007 To 12/30/2007

10/6/2007 Day: 1

Completion

Rigless on 10/5/2007 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5873' & cement top @ 30'. Perforate stage #1, LODC sds @ 5228-40' w/ 3-1/8" Slick Guns (19 gram, .49"EH, 120°) w/ 4 spf for total of 48 shots. 141 BWTR. SWIFN.

10/9/2007 Day: 2

Completion

Rigless on 10/8/2007 - U BJ Services "Ram Head" frac flange. RU BJ & frac LODC sds, stage #1 down casing w/ 45,550#'s of 20/40 sand in 450 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2693 psi. Pump 30 gals of Techna Hib before pad. Treated @ ave pressure of 1899 @ ave rate of 24.7 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2160. 591 bbls EWTR. Leave pressure on well. RU Perforators LLC WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 7' perf gun. Set plug @ 5080'. Perforate A1 sds @ 4975-82' w/ 3-1/8" Slick Guns (19 gram, .49"HE, 120°) w/ 4 spf for total of 28 shots. RU BJ & frac stage #2 w/ 24,422#'s of 20/40 sand in 350 bbls of Lightning 17 frac fluid. Open well w/ 1765 psi on casing. Perfs broke down @ 2084 psi. Pump 30 gals of Techna Hib before pad. Treated @ ave pressure of 2402 @ ave rate of 24.9 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2248. 941 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 8' perf gun. Set plug @ 4910'. Perforate B.5 sds @ 4823-31' w/ 4 spf for total of 32 shots. RU BJ & frac stage #3 w/ 29,655#'s of 20/40 sand in 390 bbls of Lightning 17 frac fluid. Open well w/ 1470 psi on casing. Perfs broke down @ 3200 psi. Pump 30 gals of Techna Hib before pad. Treated @ ave pressure of 2022 @ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1907. 1331 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 9' perf gun. Set plug @ 4700'. Perforate D1 sds @ 4594-4603' w/ 4 spf for total of 36 shots. RU BJ & frac stage #4 w/ 69,977#'s of 20/40 sand in 571 bbls of Lightning 17 frac fluid. Open well w/ 1475 psi on casing. Perfs broke down @ 4000 psi. Pump 30 gals of Techna Hib before pad. Treated @ ave pressure of 1748 @ ave rate of 24.8 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1927. 1902 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 16' perf gun. Set plug @ 4200'. Perforate GB4 sds @ 4082-98' w/ 4 spf for total of 64 shots. RU BJ & frac stage #5 w/ 84,076#'s of 20/40 sand in 655 bbls of Lightning 17 frac fluid. Open well w/ 1704 psi on casing. Perfs broke down @ 3840 psi. Pump 30 gals of Techna Hib before pad. Treated @ ave pressure of 1625 @ ave rate of 24.8 bpm w/ 8 ppg of sand. ISIP was 1836. 2557 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 5 hours & died w/ 357 bbls rec'd. SIFN.

10/10/2007 Day: 3

Completion

Western #4 on 10/9/2007 - MIRUSU. Open well w/ 450 psi on casing. RD Cameron BOP's & 5K frac head. Instal 3K production tbg head & Schaefer BOP's. PU 4-3/4" Chomp bit (used) & bit sub. Tally & pickup new J-55, 2-7/8" 6.5# tbg off racks & TIH w/ 134 jts to tag sand @ 4136'. RU pump/tank & swivel. C/O to plug @ 4200'. Drlg out plug #1. TIH w/ tbg to tag sand @ 4692'. C/O to plug @ 4700'. Drlg out plug

#2. SIFN.**10/11/2007 Day: 4****Completion**

Western #4 on 10/10/2007 - Open well w/ 250 psi on casing. Continue TIH w/ tbg to tag plug @ 4910'. RU swivel, pump/lines. Drlg out plug #3. TIH w/ tbg to tag sand @ 5069'. C/O to plug @ 5080'. Drlg out plug #4. TIH w/ tbg to tag sand @ 5779'. C/O to PBTD @ 5905'. LD 2 jts tbg (5845'). RU swab. Made 16 runs to rec'd 150 bbls fluid. IFL surface. FFL was 1300'. Last run showed no sand w/ trace of oil. RD swab. TIH & tag 4' new sand. C/O to PBTD @ 5905'. TOOH w/ tbg. LD bit & bit sub. TIH w/ NC, 2 jts tbg, SN, 1 jt tbg, TA (new- CDI w/ 45,000# shear), 168 jts tbg. ND BOP's. Set TA @ 5200' in 16,000#'s tension w/ SN @ 5234' & EOT @ 5297'. SIFN.

10/12/2007 Day: 5**Completion**

Western #4 on 10/11/2007 - Open well w/ 250 psi on casing. Flush tbg w/ 60 bbls hot water. Pickup & prime pump. TIH w/ 2-1/2" x 1-1/2" x 12' x 15.5' RHAC (new CDI pump w/ 124"SL), 6- 1-1/2" weight rods, 20- 3/4" guided rods, 82- 3/4" slick rods, 100- 3/4" guided rods, 2', 4', 8' x 3/4" pony rod, 1-1/2" x 26' Polish rod. Space pump. Test tbg & pump to 800 psi w/ pump unit. RDMOSU. POP @ 12:30 PM w/ 74"SL @ 5 SPM. Final Report.

Pertinent Files: Go to File List**RECEIVED****NOV 16 2007**

DIV. OF OIL, GAS & MINING

**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. UTU-64379 | |
| 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 NA | |
| 2. NAME OF OPERATOR Newfield Exploration Company | | 7. UNIT AGREEMENT NAME Federal | |
| 3. ADDRESS AND TELEPHONE NO. 1401 17th St. Suite 1000 Denver, CO 80202 | | 8. FARM OR LEASE NAME, WELL NO. Federal 3-19-9-16 | |
| 4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)* At Surface 699' FNL & 1802' FWL (NE/NW) Sec. 19, T9S, R16E At top prod. Interval reported below At total depth | | 9. WELL NO. 43-013-33064 | |
| 14. API NO. 43-013-33064 | | DATE ISSUED 02/23/07 | |
| 15. DATE SPUDED 09/12/07 | | 16. DATE T.D. REACHED 09/20/07 | |
| 17. DATE COMPL. (Ready to prod.) 10/11/07 | | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6131' GL 6143' KB | |
| 19. ELEV. CASINGHEAD | | 12. COUNTY OR PARISH Duchesne | |
| 20. TOTAL DEPTH, MD & TVD 5950' | | 13. STATE UT | |
| 21. PLUG BACK T.D., MD & TVD 5905 | | 10. FIELD AND POOL OR WILDCAT Monument Butte | |
| 22. IF MULTIPLE COMPL., HOW MANY* | | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 19, T9S, R16E | |
| 23. INTERVALS DRILLED BY -----> | | ROTARY TOOLS X | |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* Green River 4082'-5240' | | 25. WAS DIRECTIONAL SURVEY MADE No | |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Galiper, Cement Bond Log | | 27. WAS WELL CORED No | |

CASING RECORD (Report all strings set in well)

| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED |
|-------------------|-----------------|----------------|-----------|---|---------------|
| 8-5/8" - J-55 | 24# | 324' | 12-1/4" | To surface with 160 sx Class "G" cmt | |
| 5-1/2" - J-55 | 15.5# | 5945' | 7-7/8" | 300 sx Premlite II and 400 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 @ 5297' | TA @ 5200' |

| 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 | |
| (LODC) 5228'-5240' | .49" | 4/48 | 5228'-5240' | Frac w/ 45,550# 20/40 sand in 450 bbls fluid | |
| (A1) 4975'-4982' | .49" | 4/28 | 4975'-4982' | Frac w/ 24,422# 20/40 sand in 350 bbls fluid | |
| (B.5) 4823'-4831' | .49" | 4/32 | 4823'-4831' | Frac w/ 29,655# 20/40 sand in 390 bbls fluid | |
| (D1) 4594'-4603' | .49" | 4/36 | 4594'-4603' | Frac w/ 69,977# 20/40 sand in 571 bbls fluid | |
| (GB4) 4082'-4098' | .49" | 4/64 | 4082'-4098' | Frac w/ 84,076# 20/40 sand in 655 bbls fluid | |

33.* PRODUCTION

| | | | | | | | |
|--|--|--|---|------------------------|------------------------|--------------------------|-----------------------------|
| DATE FIRST PRODUCTION 10/11/07 | PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 12' x 15.5' 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. 74 | GAS--MCF. 30 | WATER--BBL. 18 | GAS-OIL RATIO 405 |
| 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.)
Sold & Used for Fuel

35. LIST OF ATTACHMENTS

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

SIGNED Jpark TITLE Production Clerk DATE 11/15/2007

Jentri Park

NOV 16 2007
DIV. OF OIL, GAS & MINING JP

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

| 38. GEOLOGIC MARKERS | FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | TOP | | |
|----------------------|-----------|-----|--------|--------------------------------|-------------------|------------------|--|
| | | | | | MEAS. DEPTH | TRUE VERT. DEPTH | |
| | | | | Well Name Federal 3-19-9-16 | Garden Gulch Mkr | 3577' | |
| | | | | | Garden Gulch 1 | 3800' | |
| | | | | | Garden Gulch 2 | 3908' | |
| | | | | | Point 3 Mkr | 4155' | |
| | | | | | X Mkr | 4420' | |
| | | | | | Y-Mkr | 4453' | |
| | | | | | Douglas Creek Mkr | 4559' | |
| | | | | | BiCarbonate Mkr | 4793' | |
| | | | | | B Limestone Mkr | 4890' | |
| | | | | | Castle Peak | 5461' | |
| | | | | Basal Carbonate | 5900' | | |
| | | | | Total Depth (LOGGERS) | 5950' | | |

| | |
|--|---|
| 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 3-19-9-16 |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | 9. API NUMBER: 43013330640000 |
| 3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052 | PHONE NUMBER: 435 646-4825 Ext |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0699 FNL 1802 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 19 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: 10/12/2012 | <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 10/09/2012. New intervals perforated, D2 sands - 4637-4640' 3 JSPF & GB6 sands - 4117-4120' 3 JSPF. On 10/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/12/2012 the casing was pressured up to 1370 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an State representative available to witness the test.

Accepted by the Utah Division of Oil, Gas and Mining

Date: October 29, 2012

By:

| | | |
|---|-------------------------------------|---|
| NAME (PLEASE PRINT) Lucy Chavez-Naupoto | PHONE NUMBER 435 646-4874 | TITLE Water Services Technician |
| SIGNATURE N/A | DATE 10/23/2012 | |

Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: _____ Date 10/12/12 Time 9:00 am pm
Test Conducted by: Michael Jensen
Others Present: Curtis Murphy

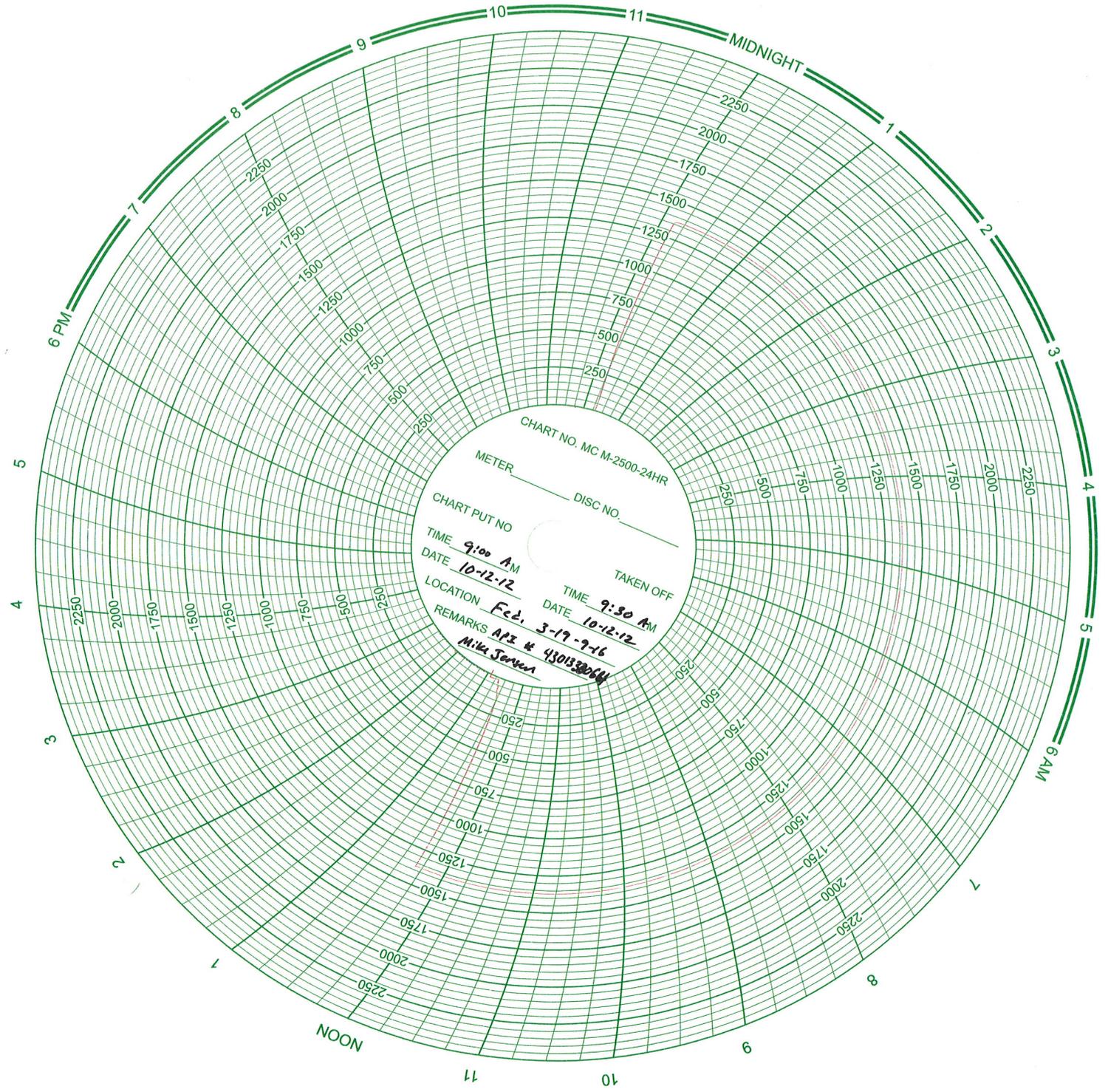
| | |
|---|--------------------------------------|
| Well: <u>Federal 3-19-9-16</u> | Field: <u>Greater Monument Butte</u> |
| Well Location: <u>Federal 3-19-9-16</u> | API No: <u>4301333064</u> |

| <u>Time</u> | <u>Casing Pressure</u> | |
|-------------|------------------------|------|
| 0 min | <u>1370</u> | psig |
| 5 | <u>1370</u> | psig |
| 10 | <u>1370</u> | psig |
| 15 | <u>1370</u> | psig |
| 20 | <u>1370</u> | psig |
| 25 | <u>1370</u> | psig |
| 30 min | <u>1370</u> | psig |
| 35 | _____ | psig |
| 40 | _____ | psig |
| 45 | _____ | psig |
| 50 | _____ | psig |
| 55 | _____ | psig |
| 60 min | _____ | psig |

Tubing pressure: 0 psig

Result: Pass Fail

Signature of Witness: _____
Signature of Person Conducting Test: Michael Jensen
Curtis Murphy



Daily Activity Report

Format For Sundry

FEDERAL 3-19-9-16**8/1/2012 To 12/30/2012****10/4/2012 Day: 3****Conversion**

Stone #7 on 10/4/2012 - Break dwn. Perfs - RELEASE PKR. RETRIEVE PLUG. TIH W/ 17 JTS TBG. SET RBP @ 4680. L/D 3 JTS TBG. P/U 24' OF SUBS & FRAC VALVE. SWIFN - RELEASE PKR. RETRIEVE PLUG. TIH W/ 17 JTS TBG. SET RBP @ 4680. L/D 3 JTS TBG. P/U 24' OF SUBS & FRAC VALVE. SWIFN - RELEASE PKR. RETRIEVE PLUG. TIH W/ 17 JTS TBG. SET RBP @ 4680. L/D 3 JTS TBG. P/U 24' OF SUBS & FRAC VALVE. SWIFN - RELEASE PKR. RETRIEVE PLUG. TIH W/ 17 JTS TBG. SET RBP @ 4680. L/D 3 JTS TBG. P/U 24' OF SUBS & FRAC VALVE. SWIFN - RELEASE PKR. RETRIEVE PLUG. TIH W/ 17 JTS TBG. SET RBP @ 4155. L/D 3 JTS TBG. P/U 20' OF SUBS. PUMP 5 BBLs ACID DISPLACE W/ 20 BBLs. SET PKR @ 4108. PUMP 10 BBLs @ 1500 PSI. - RELEASE PKR. RETRIEVE PLUG. POOH W/ 17 JTS TBG. SET RBP @ 4155. L/D 3 JTS TBG. P/U 20' OF SUBS. PUMP 5 BBLs ACID DISPLACE W/ 20 BBLs. SET PKR @ 4108. PUMP 10 BBLs @ 1500 PSI. - RELEASE PKR. RETRIEVE PLUG. POOH W/ 17 JTS TBG. SET RBP @ 4155. L/D 3 JTS TBG. P/U 20' OF SUBS. PUMP 5 BBLs ACID DISPLACE W/ 20 BBLs. SET PKR @ 4108. PUMP 10 BBLs @ 1500 PSI. - RELEASE PKR. P/U 2 JTS TBG & RETRIEVE PLUG. TIH W/ 17 JTS TBG. SET RBP @ 4700'. L/D 3 JTS TBG. P/U 24' OF SUBS. SET PKR @ 4613. PUMP 11 BBLs TO FILL TBG. PUMP INTO FORMATION @ 1.5 BPM 300 PSI. - RELEASE PKR. P/U 2 JTS TBG & RETRIEVE PLUG. TIH W/ 17 JTS TBG. SET RBP @ 4700'. L/D 3 JTS TBG. P/U 24' OF SUBS. SET PKR @ 4613. PUMP 11 BBLs TO FILL TBG. PUMP INTO FORMATION @ 1.5 BPM 300 PSI. - W/O HOT OILER PUMP DWN TBG W/ HOT OILER PRESSURE UP TO 5000 PSI. - W/O HOT OILER PUMP DWN TBG W/ HOT OILER PRESSURE UP TO 5000 PSI. - W/O HOT OILER PUMP DWN TBG W/ HOT OILER PRESSURE UP TO 5000 PSI. - R/U PUMP & HARD LINES. FILL TBG W/ 11 BBLs. PRESSURE UP ON TBG TO 3500 PSI. - R/U PUMP & HARD LINES. FILL TBG W/ 11 BBLs. PRESSURE UP ON TBG TO 3500 PSI. - R/U PUMP & HARD LINES. FILL TBG W/ 11 BBLs. PRESSURE UP ON TBG TO 3500 PSI. - 20 PSI ON CSG & TBG BLEED OFF. PULL 17 JTS TBG & SET RBP @ 4155. L/D 2 JTS TBG & SET PKR @ 4108. - 20 PSI ON CSG & TBG BLEED OFF. PULL 17 JTS TBG & SET RBP @ 4155. L/D 2 JTS TBG & SET PKR @ 4108. - P/U RBP, RET TOOL, 4' PUP JT, PKR, 1 JT TBG, SN, & 148 JTS TBG. EOT @ 4704'. SWIFN. - P/U RBP, RET TOOL, 4' PUP JT, PKR, 1 JT TBG, SN, & 148 JTS TBG. EOT @ 4704'. SWIFN. - P/U RBP, RET TOOL, 4' PUP JT, PKR, 1 JT TBG, SN, & 148 JTS TBG. EOT @ 4704'. SWIFN. - R/U WIRELINE. PERF F/ 4637 TO 4640 3 SPF. PERF F/ 4117 TO 4120 3 SPF. R/D WIRELINE. - R/U WIRELINE. PERF F/ 4637 TO 4640 3 SPF. PERF F/ 4117 TO 4120 3 SPF. R/D WIRELINE. - R/U WIRELINE. PERF F/ 4637 TO 4640 3 SPF. PERF F/ 4117 TO 4120 3 SPF. R/D WIRELINE. - POOH W/ 170 JTS TBG, SCRAPER, & BIT. - POOH W/ 170 JTS TBG, SCRAPER, & BIT. - POOH W/ 170 JTS TBG, SCRAPER, & BIT. - 0 PSI ON WELL. TIH W/ 110 JTS TBG TO 5255 - 0 PSI ON WELL. TIH W/ 110 JTS TBG TO 5255 - 0 PSI ON WELL. TIH W/ 110 JTS TBG TO 5255 - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - TIH W/ 4 3/4" BIT, 5 1/2" SCRAPER, & 60 JTS TBG. EOT @ 1860 SWIFN. - TIH W/ 4 3/4" BIT, 5 1/2" SCRAPER, & 60 JTS TBG. EOT @ 1860 SWIFN. - POOH W/ 168 JTS TBG, TAC, 1 JT TBG, SN, 2 JTS TBG, & NC. HOLE IN TBG JT #164 - POOH W/ 168 JTS TBG, TAC, 1 JT TBG, SN, 2 JTS TBG, & NC. HOLE IN TBG JT #164 - POOH W/ 168 JTS TBG, TAC, 1 JT TBG, SN, 2 JTS TBG, & NC. HOLE IN TBG JT #164 - X-OVER TO TBG. R/D WELLHEAD. RELEASE TAC. N/U BOP. R/U FLOOR. - X-OVER TO TBG. R/D WELLHEAD. RELEASE TAC. N/U BOP. R/U FLOOR. - X-OVER TO TBG. R/D WELLHEAD. RELEASE TAC. N/U BOP. R/U FLOOR. - L/D 100 4PER 3/4" RODS, 82

SLK 3/4" RODS, 20 4PER 3/4" RODS, 6 WT BARS, & PUMP. W/ 20 BBL ROD FLUSH. - L/D 100 4PER 3/4" RODS, 82 SLK 3/4" RODS, 20 4PER 3/4" RODS, 6 WT BARS, & PUMP. W/ 20 BBL ROD FLUSH. - L/D 100 4PER 3/4" RODS, 82 SLK 3/4" RODS, 20 4PER 3/4" RODS, 6 WT BARS, & PUMP. W/ 20 BBL ROD FLUSH. - MIRU HO to pump 70 BW dwn csg. Pull 4K over to unseat pump. LD polish rod and ponies. Flush rods w/40 BW. Soft seat the pump and pump 5 Bbls to fill tbg. Blew a hole in tbg @ 2500 psi. - MIRU HO to pump 70 BW dwn csg. Pull 4K over to unseat pump. LD polish rod and ponies. Flush rods w/40 BW. Soft seat the pump and pump 5 Bbls to fill tbg. Blew a hole in tbg @ 2500 psi. - MIRU HO to pump 70 BW dwn csg. Pull 4K over to unseat pump. LD polish rod and ponies. Flush rods w/40 BW. Soft seat the pump and pump 5 Bbls to fill tbg. Blew a hole in tbg @ 2500 psi. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - RELEASE PKR. RETRIEVE PLUG. TIH W/ 17 JTS TBG. SET RBP @ 4680. L/D 3 JTS TBG. P/U 24' OF SUBS & FRAC VALVE. SWIFN - RELEASE PKR. RETRIEVE PLUG. TIH W/ 17 JTS TBG. SET RBP @ 4680. L/D 3 JTS TBG. P/U 24' OF SUBS & FRAC VALVE. SWIFN - RELEASE PKR. RETRIEVE PLUG. TIH W/ 17 JTS TBG. SET RBP @ 4680. L/D 3 JTS TBG. P/U 24' OF SUBS & FRAC VALVE. SWIFN - RELEASE PKR. RETRIEVE PLUG. POOH W/ 17 JTS TBG. SET RBP @ 4155. L/D 3 JTS TBG. P/U 20' OF SUBS. PUMP 5 BBLs ACID DISPLACE W/ 20 BBLs. SET PKR @ 4108. PUMP 10 BBLs @ 1500 PSI. - RELEASE PKR. RETRIEVE PLUG. POOH W/ 17 JTS TBG. SET RBP @ 4155. L/D 3 JTS TBG. P/U 20' OF SUBS. PUMP 5 BBLs ACID DISPLACE W/ 20 BBLs. SET PKR @ 4108. PUMP 10 BBLs @ 1500 PSI. - RELEASE PKR. RETRIEVE PLUG. POOH W/ 17 JTS TBG. SET RBP @ 4155. L/D 3 JTS TBG. P/U 20' OF SUBS. PUMP 5 BBLs ACID DISPLACE W/ 20 BBLs. SET PKR @ 4108. PUMP 10 BBLs @ 1500 PSI. - RELEASE PKR. P/U 2 JTS TBG & RETRIEVE PLUG. TIH W/ 17 JTS TBG. SET RBP @ 4700'. L/D 3 JTS TBG. P/U 24' OF SUBS. SET PKR @ 4613. PUMP 11 BBLs TO FILL TBG. PUMP INTO FORMATION @ 1.5 BPM 300 PSI. - RELEASE PKR. P/U 2 JTS TBG & RETRIEVE PLUG. TIH W/ 17 JTS TBG. SET RBP @ 4700'. L/D 3 JTS TBG. P/U 24' OF SUBS. SET PKR @ 4613. PUMP 11 BBLs TO FILL TBG. PUMP INTO FORMATION @ 1.5 BPM 300 PSI. - W/O HOT OILER PUMP DWN TBG W/ HOT OILER PRESSURE UP TO 5000 PSI. - W/O HOT OILER PUMP DWN TBG W/ HOT OILER PRESSURE UP TO 5000 PSI. - W/O HOT OILER PUMP DWN TBG W/ HOT OILER PRESSURE UP TO 5000 PSI. - R/U PUMP & HARD LINES. FILL TBG W/ 11 BBLs. PRESSURE UP ON TBG TO 3500 PSI. - R/U PUMP & HARD LINES. FILL TBG W/ 11 BBLs. PRESSURE UP ON TBG TO 3500 PSI. - R/U PUMP & HARD LINES. FILL TBG W/ 11 BBLs. PRESSURE UP ON TBG TO 3500 PSI. - 20 PSI ON CSG & TBG BLEED OFF. PULL 17 JTS TBG & SET RBP @ 4155. L/D 2 JTS TBG & SET PKR @ 4108. - 20 PSI ON CSG & TBG BLEED OFF. PULL 17 JTS TBG & SET RBP @ 4155. L/D 2 JTS TBG & SET PKR @ 4108. - 20 PSI ON CSG & TBG BLEED OFF. PULL 17 JTS TBG & SET RBP @ 4155. L/D 2 JTS TBG & SET PKR @ 4108. - P/U RBP, RET TOOL, 4' PUP JT, PKR, 1 JT TBG, SN, & 148 JTS TBG. EOT @ 4704'. SWIFN. - P/U RBP, RET TOOL, 4' PUP JT, PKR, 1 JT TBG, SN, & 148 JTS TBG. EOT @ 4704'. SWIFN. - P/U RBP, RET TOOL, 4' PUP JT, PKR, 1 JT TBG, SN, & 148 JTS TBG. EOT @ 4704'. SWIFN. - R/U WIRELINE. PERF F/ 4637 TO 4640 3 SPF. PERF F/ 4117 TO 4120 3 SPF. R/D WIRELINE. - R/U WIRELINE. PERF F/ 4637 TO 4640 3 SPF. PERF F/ 4117 TO 4120 3 SPF. R/D WIRELINE. - R/U WIRELINE. PERF F/ 4637 TO 4640 3 SPF. PERF F/ 4117 TO 4120 3 SPF. R/D WIRELINE. - POOH W/ 170 JTS TBG, SCRAPER, & BIT. - POOH W/ 170 JTS TBG, SCRAPER, & BIT. - POOH W/ 170 JTS TBG, SCRAPER, & BIT. - 0 PSI ON WELL. TIH W/ 110 JTS TBG TO 5255 - 0 PSI ON WELL. TIH W/ 110 JTS TBG TO 5255 - 0 PSI ON WELL. TIH W/ 110 JTS TBG TO 5255 - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - TIH W/ 4 3/4" BIT, 5 1/2" SCRAPER, & 60 JTS TBG. EOT @ 1860 SWIFN. - TIH W/ 4 3/4" BIT, 5 1/2" SCRAPER, & 60 JTS TBG. EOT @ 1860 SWIFN. - POOH W/ 168 JTS TBG, TAC, 1 JT TBG, SN, 2

JTS TBG, & NC. HOLE IN TBG JT #164 - POOH W/ 168 JTS TBG, TAC, 1 JT TBG, SN, 2 JTS TBG, & NC. HOLE IN TBG JT #164 - POOH W/ 168 JTS TBG, TAC, 1 JT TBG, SN, 2 JTS TBG, & NC. HOLE IN TBG JT #164 - X-OVER TO TBG. R/D WELLHEAD. RELEASE TAC. N/U BOP. R/U FLOOR. - X-OVER TO TBG. R/D WELLHEAD. RELEASE TAC. N/U BOP. R/U FLOOR. - X-OVER TO TBG. R/D WELLHEAD. RELEASE TAC. N/U BOP. R/U FLOOR. - L/D 100 4PER 3/4" RODS, 82 SLK 3/4" RODS, 20 4PER 3/4" RODS, 6 WT BARS, & PUMP. W/ 20 BBL ROD FLUSH. - L/D 100 4PER 3/4" RODS, 82 SLK 3/4" RODS, 20 4PER 3/4" RODS, 6 WT BARS, & PUMP. W/ 20 BBL ROD FLUSH. - L/D 100 4PER 3/4" RODS, 82 SLK 3/4" RODS, 20 4PER 3/4" RODS, 6 WT BARS, & PUMP. W/ 20 BBL ROD FLUSH. - MIRU HO to pump 70 BW dwn csg. Pull 4K over to unseat pump. LD polish rod and ponies. Flush rods w/40 BW. Soft seat the pump and pump 5 Bbls to fill tbg. Blew a hole in tbg @ 2500 psi. - MIRU HO to pump 70 BW dwn csg. Pull 4K over to unseat pump. LD polish rod and ponies. Flush rods w/40 BW. Soft seat the pump and pump 5 Bbls to fill tbg. Blew a hole in tbg @ 2500 psi. - MIRU HO to pump 70 BW dwn csg. Pull 4K over to unseat pump. LD polish rod and ponies. Flush rods w/40 BW. Soft seat the pump and pump 5 Bbls to fill tbg. Blew a hole in tbg @ 2500 psi. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$28,176

10/5/2012 Day: 4**Conversion**

Stone #7 on 10/5/2012 - Frac Stg 1-2. FB well. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - SET PKR @ 4613. R/U BAKER HUGHES - PUMP 155 BBLs DWN TBG. COMMUNICATING W/ BACKSIDE. BLEED OFF WELL. RELEASE PKR. L/D 24' OF SUBS. P/U 2 JTS TBG. SET PKR @ 4655. PRESSURE TEST PKR & RBP @ 1500 PSI. RELEASE PKR. L/D 1 JT TBG. SET PKR @ 4627. PUMP 70 BBLs DWN TBG. COMMUNICATING W/ BACKSIDE. RELEASE PKR. L/D 2 JTS TBG. SET PKR @ 4564. - Have to RD BH. Pump #1 lost the transmission. Waiting on another one from Vernal, UT yard. Also, bring out 12 bbls of HCL. Finish pumping bull headed HCL away. - Waiting on BH. - FRAC PERFS F/ 4594 TO 4640. - 15 MIN SIP 1300 PSI. FLOW BACK 37 BBLs IN 30 MIN. RELEASE PKR. P/U 2 JTS TBG & TAG 4625. CLEAN OUT 50' OF SAND OFF PLUG. CIRC HOLE CLEAN. RETRIEVE PLUG. - POOH W/ 17 JTS TBG & SET RBP @ 4155. L/D 2 JTS TBG. P/U 20' OF SUBS & FRAC VALVE. SET PKR @ 4108. - PUMP DWN TBG COMMUNICATING W/ BACKSIDE. Tried to consult engineering. RELEASE PKR. L/D SUBS & 1 JT TBG. SET PKR @ 4063'. - FRAC PERFS F/ 4082 TO 4120. 15 MIN SIP 1400 PSI FLOW WELL BACK W/ 20 CHOKE. - FB 30 bbls w/ 20 choke @ 30 min. Install 16 choke and FB 5 more bbls then well died. SWIFN. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - SET PKR @ 4613. R/U BAKER HUGHES - PUMP 155 BBLs DWN TBG. COMMUNICATING W/ BACKSIDE. BLEED OFF WELL. RELEASE PKR. L/D 24' OF SUBS. P/U 2 JTS TBG. SET PKR @ 4655. PRESSURE TEST PKR & RBP @ 1500 PSI. RELEASE PKR. L/D 1 JT TBG. SET PKR @ 4627. PUMP 70 BBLs DWN TBG. COMMUNICATING W/ BACKSIDE. RELEASE PKR. L/D 2 JTS TBG. SET PKR @ 4564. - Have to RD BH. Pump #1 lost the transmission. Waiting on another one from Vernal, UT yard. Also, bring out 12 bbls of HCL. Finish pumping bull headed HCL away. - Waiting on BH. - FRAC PERFS F/ 4594 TO 4640. - 15 MIN SIP 1300 PSI. FLOW BACK 37 BBLs IN 30 MIN. RELEASE PKR. P/U 2 JTS TBG & TAG 4625. CLEAN OUT 50' OF SAND OFF PLUG. CIRC HOLE CLEAN. RETRIEVE PLUG. - POOH W/ 17 JTS TBG & SET RBP @ 4155. L/D 2 JTS TBG. P/U 20' OF SUBS & FRAC VALVE. SET PKR @ 4108. - PUMP DWN TBG COMMUNICATING W/ BACKSIDE. Tried to consult engineering. RELEASE PKR. L/D SUBS & 1 JT TBG. SET PKR @ 4063'. - FRAC PERFS F/ 4082 TO 4120. 15 MIN SIP 1400 PSI FLOW WELL BACK W/ 20 CHOKE. - FB 30 bbls w/ 20 choke @ 30 min. Install 16 choke and FB 5 more bbls then well died. SWIFN. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$108,918

10/9/2012 Day: 5

Conversion

Stone #7 on 10/9/2012 - POOH w/ frac string. RBIH w/ injection string. - TIH W/ 21 STANDS 2 7/8" J55 TBG. L/D 42 JTS J55 TBG. - L/D 131 JTS TBG, SN, 1 JT TBG, PKR, & RBP. TIH W/ 8 STANDS TBG. L/D 16 JTS TBG. - WELL ON VAC. R/U PUMP & HARD LINES. RELEASE PKR. P/U 3 JTS TBG & TAG @ 4145. CLEAN OUT 10' OF SAND TO RBP. RETRIEVE PLUG. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - TIH W/ 2 3/8" RE ENTRY GUIDE , 2 3/8" XN, 4' PUP 2 3/8", X-O 2 3/8"X2 7/8", 5 1/2" PKR, 2 7/8" SEAL NIPPLE, ON OFF TOOL, 2 7/8" SN, & 129 JTS 2 7/8" J55 TBG. - L/D 131 JTS TBG, SN, 1 JT TBG, PKR, & RBP. TIH W/ 8 STANDS TBG. L/D 16 JTS TBG. - TIH W/ 21 STANDS 2 7/8" J55 TBG. L/D 42 JTS J55 TBG. - TIH W/ 2 3/8" RE ENTRY GUIDE , 2 3/8" XN, 4' PUP 2 3/8", X-O 2 3/8"X2 7/8", 5 1/2" PKR, 2 7/8" SEAL NIPPLE, ON OFF TOOL, 2 7/8" SN, & 129 JTS 2 7/8" J55 TBG. - DROP SV. PRESSURE TEST TBG. 1ST TEST LOST 250PSI IN 30 MIN. 2ND TEST HELD 3000 PSI FOR 30 MIN. BLEED OFF TBG. SWIFN. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - DROP SV. PRESSURE TEST TBG. 1ST TEST LOST 250PSI IN 30 MIN. 2ND TEST HELD 3000 PSI FOR 30 MIN. BLEED OFF TBG. SWIFN. - WELL ON VAC. R/U PUMP & HARD LINES. RELEASE PKR. P/U 3 JTS TBG & TAG @ 4145. CLEAN OUT 10' OF SAND TO RBP. RETRIEVE PLUG. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$118,597

10/10/2012 Day: 6

Conversion

Stone #7 on 10/10/2012 - Retrieve SD. Pump pkr fluid, and set pkr. Land tbg and RDMOWOR. - PUMP 50 BBLS W/ PKR FLUID DWN CSG - R/D FLOOR. N/D BOB. LAND TBG ON FLANGE - 0 PSI ON WELL. R/U SL. RETRIEVE SV. R/D SL. WASH WORK FLOOR W/ HOT OILER. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - PUMP 15 BBLS DWN CSG TO FILL. PRESSURE UP ON CSG TO 1400 PSI. WELLHEAD LEAK. BLEED OFF. M/U WELLHEAD TO CSG. PRESSURE TEST CSG @ 1400 PSI FOR 30 MIN. - R/D PUMP & HARD LINES. RDMOWOR. - SET PKR @ 3999. L/D 6' SUB. LAND BONNET ON WELLHEAD W/ TBG IN 15K TENSION. N/U WELLHEAD. - R/D PUMP & HARD LINES. RDMOWOR. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - 0 PSI ON WELL. R/U SL. RETRIEVE SV. R/D SL. WASH WORK FLOOR W/ HOT OILER. - R/D FLOOR. N/D BOB. LAND TBG ON FLANGE - PUMP 50 BBLS W/ PKR FLUID DWN CSG - SET PKR @ 3999. L/D 6' SUB. LAND BONNET ON WELLHEAD W/ TBG IN 15K TENSION. N/U WELLHEAD. - PUMP 15 BBLS DWN CSG TO FILL. PRESSURE UP ON CSG TO 1400 PSI. WELLHEAD LEAK. BLEED OFF. M/U WELLHEAD TO CSG. PRESSURE TEST CSG @ 1400 PSI FOR 30 MIN.

Daily Cost: \$0

Cumulative Cost: \$178,779

10/15/2012 Day: 7

Conversion

Rigless on 10/15/2012 - Conduct initial MIT - On10/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/12/2012 the casing was pressured up to 1370 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On10/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/12/2012 the casing was pressured up to 1370 psig and charted for 30

minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

Finalized

Daily Cost: \$0

Cumulative Cost: \$215,613

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

| | | |
|--|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379 |
| | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 1. TYPE OF WELL Water Injection Well | | 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV) |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | | 8. WELL NAME and NUMBER: FEDERAL 3-19-9-16 |
| 3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052 | | 9. API NUMBER: 43013330640000 |
| PHONE NUMBER: 435 646-4825 Ext | | 9. FIELD and POOL or WILDCAT: MONUMENT BUTTE |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0699 FNL 1802 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 19 Township: 09.0S Range: 16.0E Meridian: S | | 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 11:45 AM on
11/27/2012.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
November 30, 2012**

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



June 7, 2012

RECEIVED

JUN 12 2012

DIV. OF OIL, GAS & MINING

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 #3-19-9-16
Monument Butte Field, Lease #UTU-64379
Section 19-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #3-19-9-16 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 in a cursive style.

Eric Sundberg
Regulatory Lead

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #3-19-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-64379
JUNE 7, 2012

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FEDERAL 3-19-9-16

Spud Date: 09/12/07
 Put on Production: 10/11/07
 GL: 6131' KB: 6143'

Initial Production: BOPD,
 MCFD, BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.15')
 DEPTH LANDED: 324.27' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

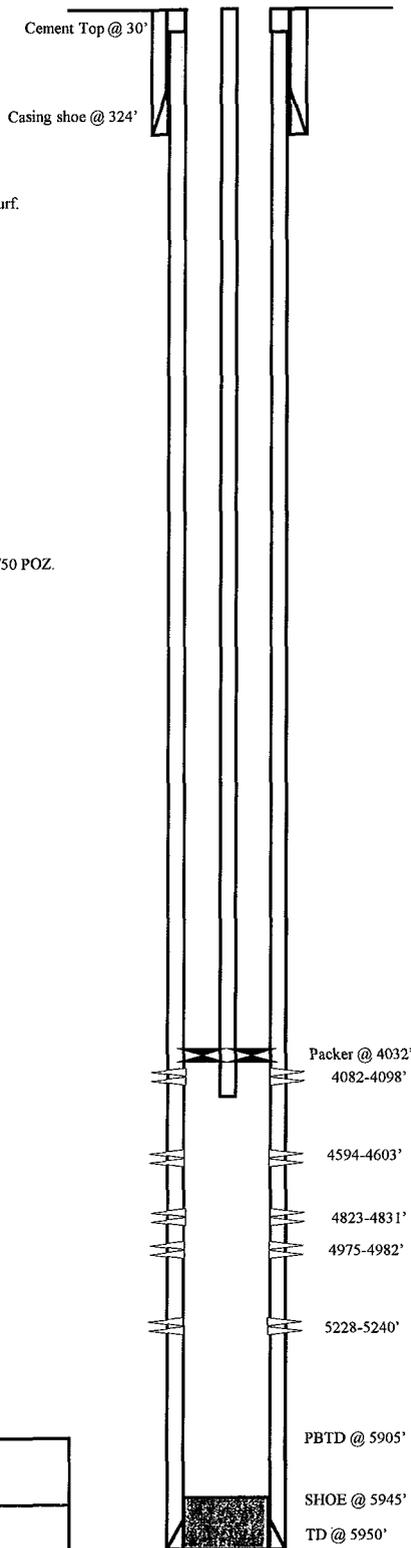
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 153 jts. (5897.02')
 DEPTH LANDED: 5945.27' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 440 sxs 50/50 POZ.
 CEMENT TOP: 30'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 168 jts (5188.32')
 TUBING ANCHOR: 5188.3' KB
 NO. OF JOINTS: 1 jts (31.11')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5222.2' KB
 NO. OF JOINTS: 2 jts (61.63')
 TOTAL STRING LENGTH: EOT @ 5297.41' KB

FRAC JOB

| | | |
|----------|------------|---|
| 06/27/07 | 5228-5240' | Frac LODC sands as follows: 45550# 20/40 sand in 450 bbls Lightning 17 frac fluid. Treated @ avg press of 1899 psi w/avg rate of 24.7 BPM. ISIP 2160 psi. Calc flush: 5226 gal. Actual flush: 4746 gal. |
| 06/27/07 | 4975-4982' | Frac A1 sands as follows: 24422# 20/40 sand in 350 bbls Lightning 17 frac fluid. Treated @ avg press of 2402 psi w/avg rate of 24.9 BPM. ISIP 2248 psi. Calc flush: 4973 gal. Actual flush: 4494 gal. |
| 06/27/07 | 4823-4831' | Frac B.5 sands as follows: 29655# 20/40 sand in 390 bbls Lightning 17 frac fluid. Treated @ avg press of 2022 psi w/avg rate of 24.8 BPM. ISIP 1907 psi. Calc flush: 4821 gal. Actual flush: 4326 gal. |
| 06/27/07 | 4594-4603' | Frac D1 sands as follows: 69977# 20/40 sand in 571 bbls Lightning 17 frac fluid. Treated @ avg press of 1748 psi w/avg rate of 24.8 BPM. ISIP 1927 psi. Calc flush: 4592 gal. Actual flush: 4074 gal. |
| 06/27/07 | 4082-4098' | Frac GB4 sands as follows: 84076# 20/40 sand in 655 bbls Lightning 17 frac fluid. Treated @ avg press of 1625 psi w/avg rate of 24.8 BPM. ISIP 1836 psi. Calc flush: 4080 gal. Actual flush: 3990 gal. |
| 09/17/10 | | Pump Change. Rod & tubing detail updated. |



PERFORATION RECORD

| | | | |
|----------|------------|--------|----------|
| 10/11/07 | 5228-5240' | 4 JSPF | 48 holes |
| 10/11/07 | 4975-4982' | 4 JSPF | 28 holes |
| 10/11/07 | 4823-4831' | 4 JSPF | 32 holes |
| 10/11/07 | 4594-4603' | 4 JSPF | 36 holes |
| 10/11/07 | 4082-4098' | 4 JSPF | 64 holes |

NEWFIELD

FEDERAL 3-19-9-16

699' FNL & 1802' FWL
 NE/NW Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33064; 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 #3-19-9-16 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 #3-19-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3907' - 5905'). 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 3577' and the TD is at 5950'.

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

The referenced log for the Federal #3-19-9-16 is on file with the Utah Division of Oil, Gas and Mining.

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

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

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

See Attachment B.

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

See Attachment C.

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

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

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

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

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

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**

- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

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

All logs are on file with the Utah Division of Oil, Gas and Mining.

 - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

 - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

 - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 324' KB, and 5-1/2", 15.5# casing run from surface to 5945' 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 1809 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 #3-19-9-16, for existing perforations (4082' - 5240') calculates at 0.88 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 1809 psig. We may add additional perforations between 3577' and 5950'. 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 #3-19-9-16, the proposed injection zone (3907' - 5905') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

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

See Attachments E through E-10.

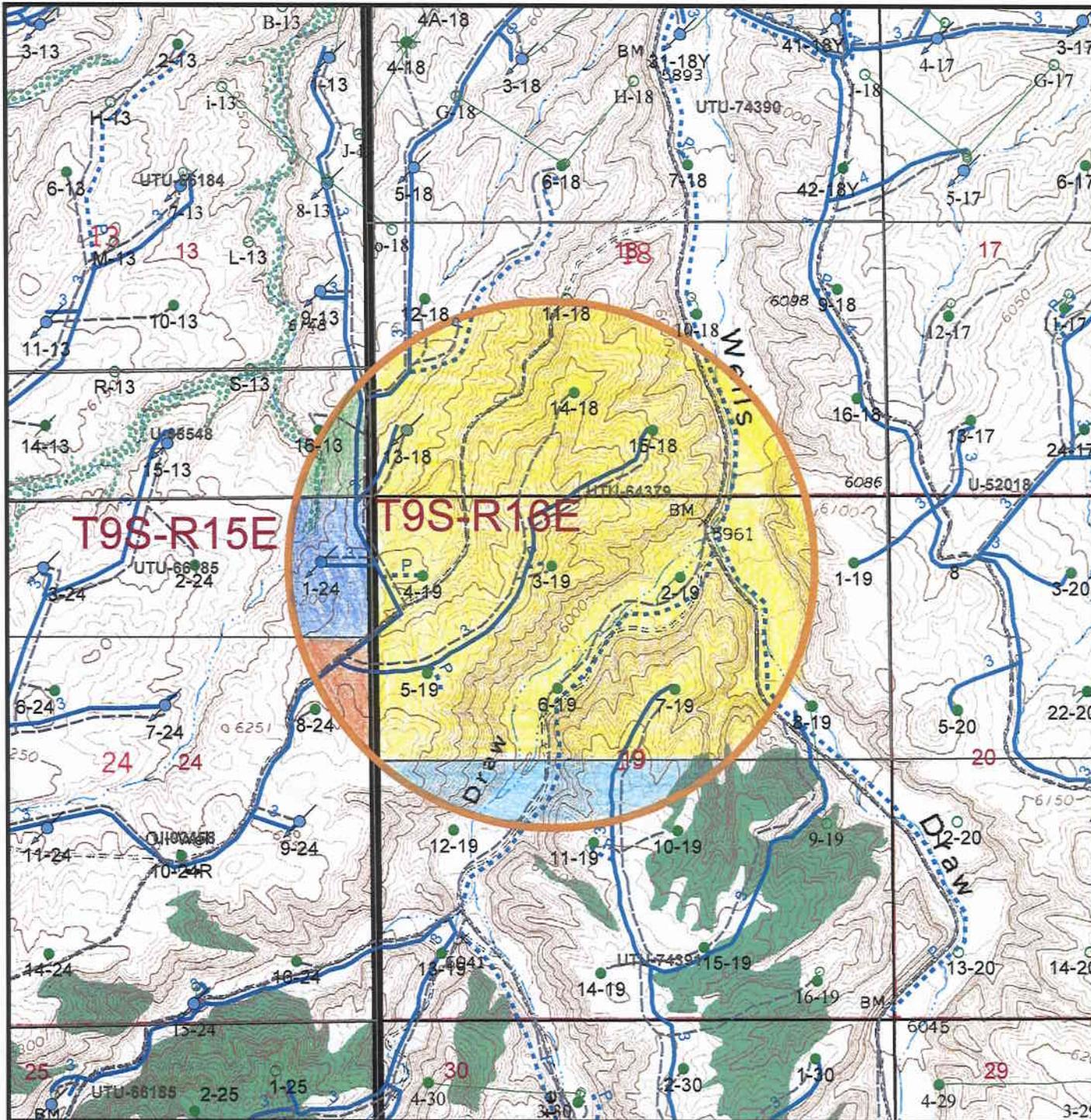
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

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

See Attachment C.

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

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



WellStatus_HalfMile_Buffer

Well Status

- Location
- ⊕ CTI
- ⊙ Surface Spud
- ⊖ Drilling
- ⊖ 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

UTU-64379

UTU-74391

UTU-66185

UTU-002458

UTU-68548

Federal 3-19
Section 19, T 9S-R16E

NEWFIELD

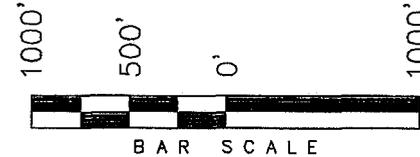
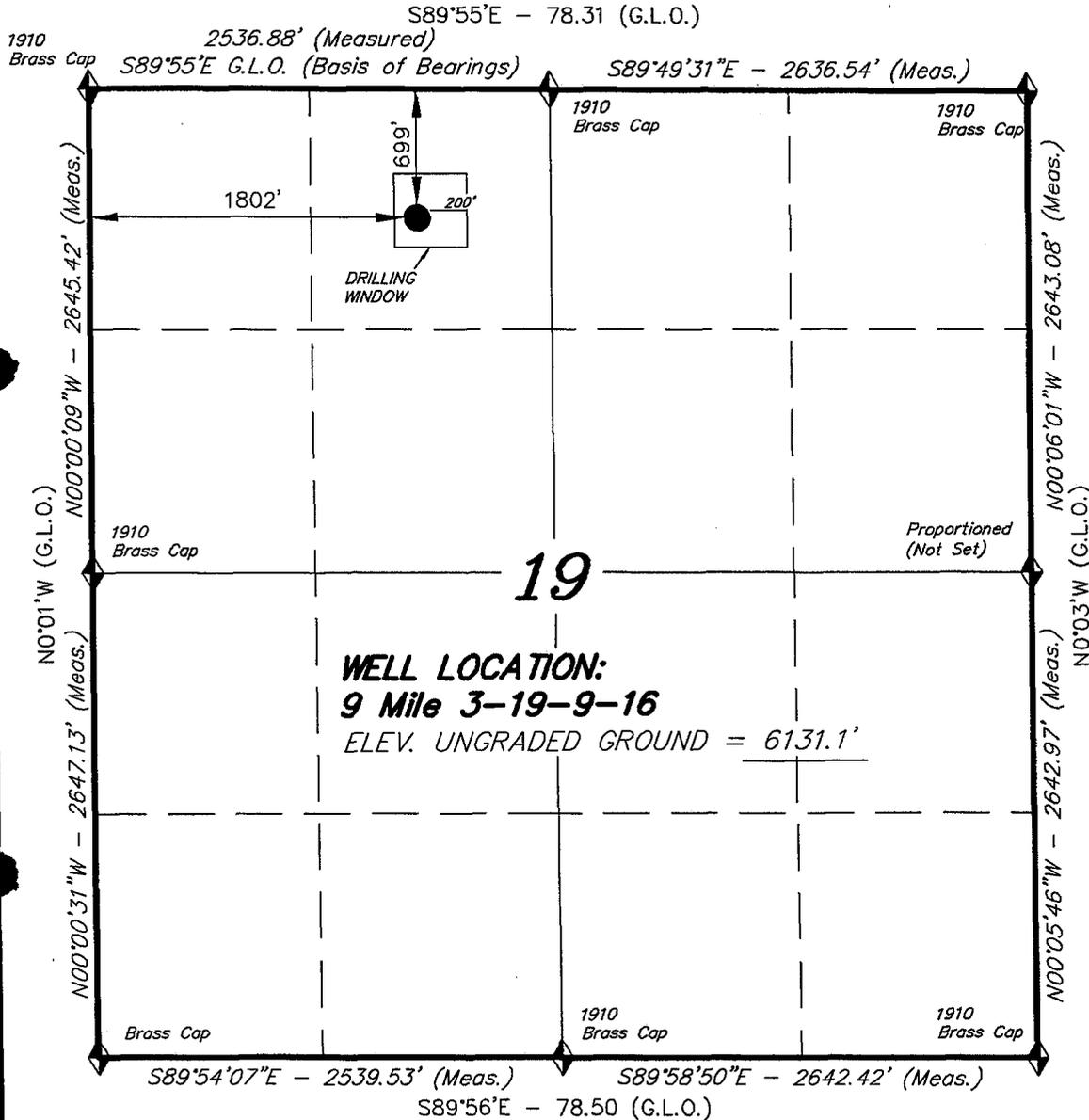


1/2 Mile Radius Map
Duchesne & Uintah Counties

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

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 Mile 3-19-9-16,
LOCATED AS SHOWN IN THE NE 1/4 NW
1/4 OF SECTION 19, 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

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

TRI STATE LAND SURVEYING & CONSULTING

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

| | |
|--------------------------|-------------------|
| DATE SURVEYED: 1-5-06 | SURVEYED BY: C.M. |
| DATE DRAWN: 1-6-06 | DRAWN BY: M.W. |
| REVISED: | SCALE: 1" = 1000' |

◆ = SECTION CORNERS LOCATED

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

9 Mile 3-19-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 18.67"
LONGITUDE = 110° 09' 53.00"

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 19: E2SW, SE, LOTS 3, 4 Section 20: S2 Section 29: All Section 30: All | USA UTU-74391 HBP | Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp | US |
| 3 | T9S-R15E SLM Section 22: E2SW, LOTS 2, 3, 4 Section 23: NENE, W2E2, S2NW, E2SW Section 24: N2N2 Section 25: All Section 26: NE, NENW, S2NW, S2 Section 27: S2NE, E2NW, SE, LOTS 1, 2 | USA UTU-66185 HBP | Newfield Production Company Newfield RMI LLC | USA |
| 4 | T9S-R15E SLM Section 23: SENE, W2SW, NESE Section 24: S2N2, S2 | USA UTU-002458 HBP | Newfield Production Company Newfield RMI LLC | USA |

| | | | | |
|---|-----------------------------|-----------|-----------------------------|-----|
| 5 | T9S-R15E SLM | USA | Newfield Production Company | USA |
| | Section 13: S2S2 | UTU-68548 | Newfield RMI LLC | |
| | Section 14: S2S2 | HBP | | |
| | Section 15: NE, E2NW, LOT 4 | | | |
| | Section 22: NE, E2NW, LOT 1 | | | |
| | Section 23: N2NW | | | |

ATTACHMENT C

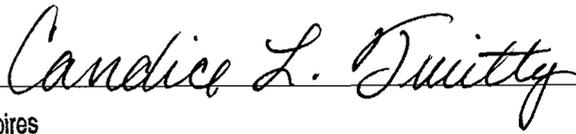
CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #3-19-9-16

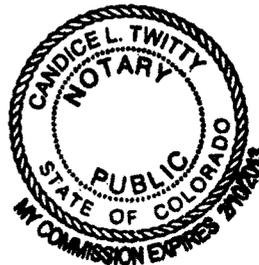
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

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: 

My Commission Expires 02/10/2013



FEDERAL 3-19-9-16

Spud Date: 09/12/07
 Put on Production: 10/11/07
 GL: 6131' KB: 6143'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.15')
 DEPTH LANDED: 324.27' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 153 jts. (5897.02')
 DEPTH LANDED: 5945.27' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 440 sxs 50/50 POZ.
 CEMENT TOP: 30'

TUBING

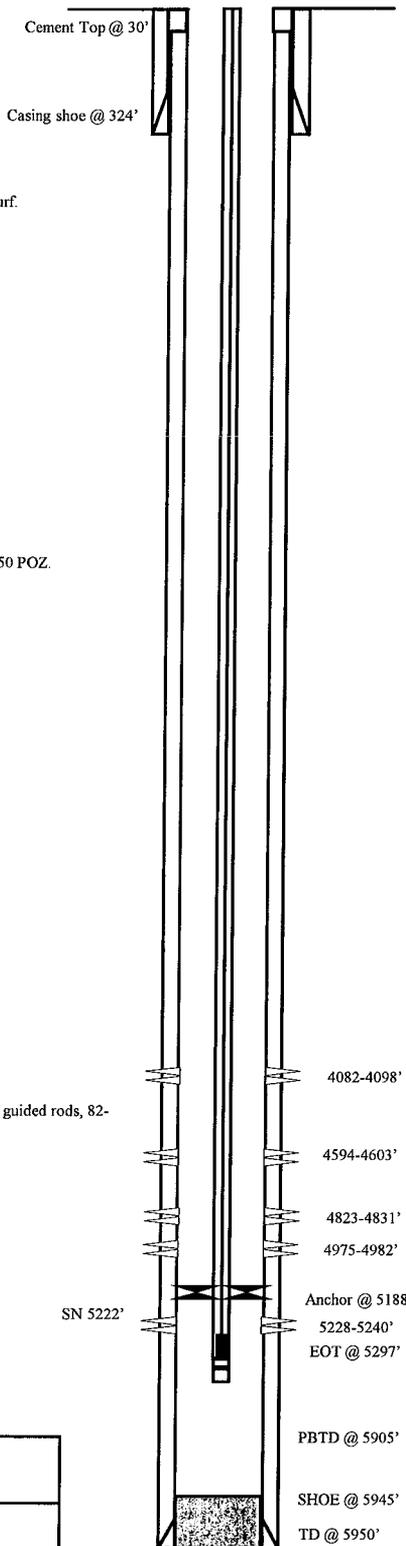
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 168 jts (5188.32')
 TUBING ANCHOR: 5188.3' KB
 NO. OF JOINTS: 1 jts (31.11')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5222.2' KB
 NO. OF JOINTS: 2 jts (61.63')
 TOTAL STRING LENGTH: EOT @ 5297.41' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 1-2", 1-4' & 1-8' x 3/4" pony rods, 100-3/4" guided rods, 82-3/4" sucker rods, 20-3/4" guided rods, 6-1 1/2" sinker bars.
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12x 15.5' RHAC
 STROKE LENGTH: 74"
 PUMP SPEED, 5 SPM:

FRAC JOB

| | | |
|----------|------------|---|
| 06/27/07 | 5228-5240' | Frac LODC sands as follows: 45550# 20/40 sand in 450 bbls Lightning 17 frac fluid. Treated @ avg press of 1899 psi w/avg rate of 24.7 BPM. ISIP 2160 psi. Calc flush: 5226 gal. Actual flush: 4746 gal. |
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PERFORATION RECORD

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| 10/11/07 | 4594-4603' | 4 JSPF | 36 holes |
| 10/11/07 | 4082-4098' | 4 JSPF | 64 holes |

NEWFIELD

FEDERAL 3-19-9-16

699'FNL & 1802' FWL

NE/NW Section 19-T9S-R16E

Duchesne Co, Utah

API #43-013-33064; Lease # UTU-64379

FEDERAL 7-19-9-16

Spud Date: 09/25/07
 Put on Production: 12/06/07
 GL: 6137' KB: 6149'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.36')
 DEPTH LANDED: 316.01' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 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. (5929.84')
 DEPTH LANDED: 5943.09' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP: 175'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 172 jts (5412.80')
 TUBING ANCHOR: 5412.80' KB
 NO. OF JOINTS: 1 jts (31.50')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5447.10' KB
 NO. OF JOINTS: 2 jts (62.06')
 TOTAL STRING LENGTH: EOT @ 5510.71' KB

SUCKER RODS

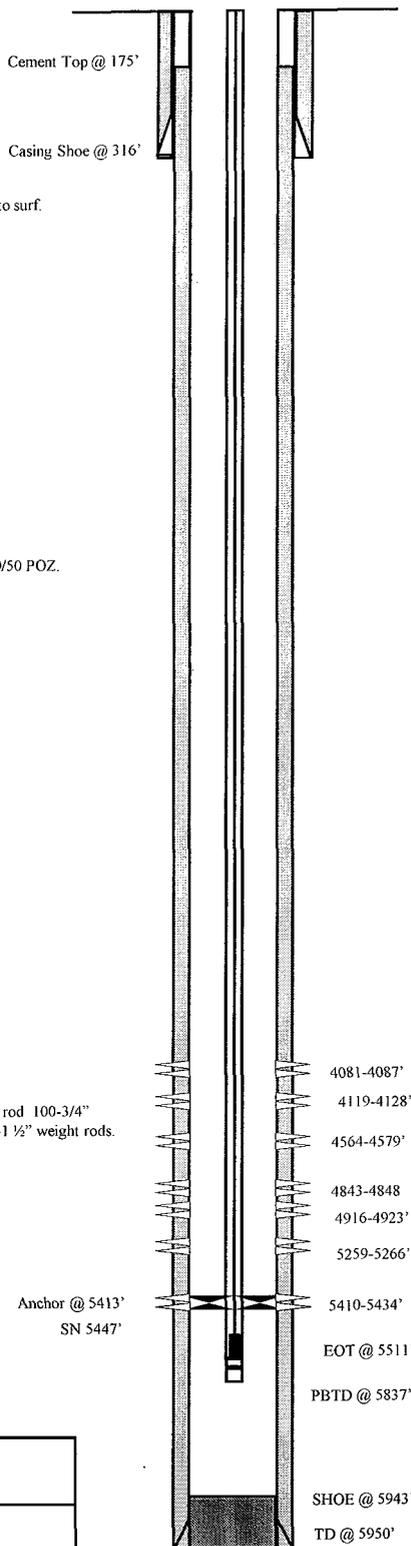
POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 1-4', & 1-6' x 3/4" pony rods, 1-3/4" slick rod 100-3/4"
 scraped rods, 90-3/4" plain rods, 20-3/4" scraped rods, 6-1 1/2" weight rods.
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 17" x 20" RHAC
 STROKE LENGTH: 100"
 PUMP SPEED, 5 SPM:

FRAC JOB

| | | |
|----------|------------|--|
| 11/19/07 | 5410-5434' | Frac LODC sands as follows: 109202# 20/40 sand in 819 bbls Lightning 17 frac fluid. Treated @ avg press of 2224 psi w/avg rate of 23.1 BPM. ISIP 2660 psi. Calc flush: 5408 gal. Actual flush: 4906 gal. |
| 11/28/07 | 5259-5266' | Frac LODC sands as follows: 39849# 20/40 sand in 409 bbl Lightning 17 frac fluid. Treated @ avg press of 2270 psi w/avg rate of 22.9 BPM. ISIP 2197 psi. Calc flush: 5257 gal. Actual flush: 4759 gal. |
| 11/28/07 | 4916-4923' | Frac A.5 sands as follows: 190567# 20/40 sand in 298 bbls Lightning 17 frac fluid. Treated @ avg press of 2017 psi w/avg rate of 23.1 BPM. ISIP 2175 psi. Calc flush: 4914 gal. Actual flush: 4410 gal. |
| 11/28/07 | 4843-4848' | Frac B1 sands as follows: 14207# 20/40 sand in 260 bbls Lightning 17 frac fluid. Treated @ avg press of 2112 psi w/avg rate of 23.1 BPM. ISIP 1944 psi. Calc flush: 4842 gal. Actual flush: 4343 gal. |
| 11/28/07 | 4564-4579' | Frac D1 sands as follows: 79967# 20/40 sand in 617 bbls Lightning 17 frac fluid. Treated @ avg press of 1666 psi w/avg rate of 23.1 BPM. ISIP 1984 psi. Calc flush: 4564 gal. Actual flush: 4579 gal. |
| 11/28/07 | 4564-4579' | Frac GB6 & GB4 sands as follows: 39102# 20/40 sand in 395 bbls Lightning 17 frac fluid. Treated @ avg press of 1725 psi w/avg rate of 23.1 BPM. ISIP 1731 psi. Calc flush: 4562 gal. Actual flush: 3990 gal. |
| 5/5/09 | | Pump Change. Updated r & t details. |

PERFORATION RECORD

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





FEDERAL 7-19-9-16
 1958'FNL & 2161' FEL
 SW/NE Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33158; Lease # UTU-64379

FEDERAL 6-19-9-16

Spud Date: 05/13/07
Put on Production: 06/12/07

GL: 5988' KB: 6000'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (312.05')
DEPTH LANDED: 323.90' 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: 131 jts. (5758.79')
DEPTH LANDED: 5772.04' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP: 74'

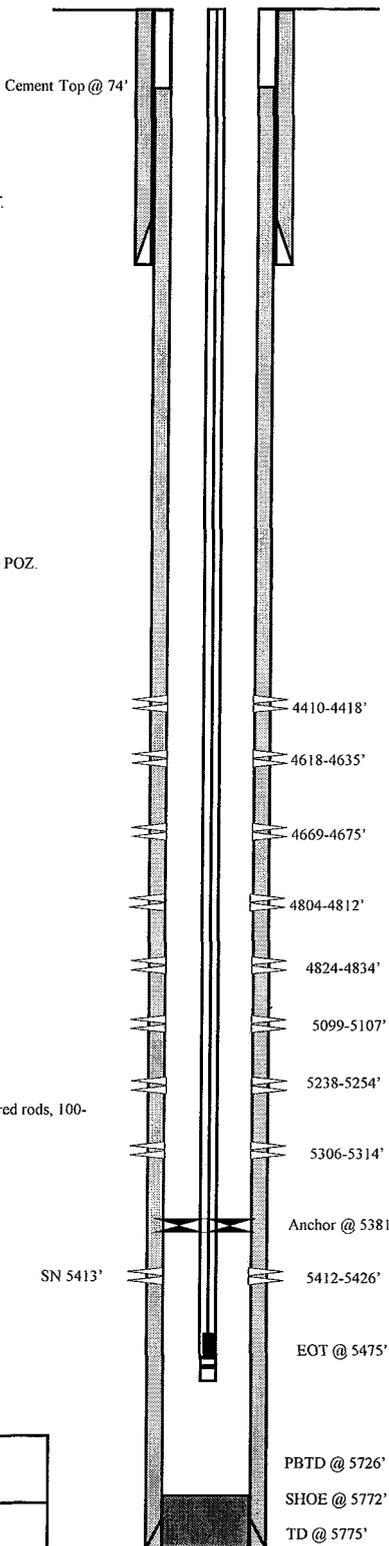
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 173 jts (5368.53')
TUBING ANCHOR: 5380.53' KB
NO. OF JOINTS: 1 jts (29.45')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5412.78' KB
NO. OF JOINTS: 2 jts (60.64')
TOTAL STRING LENGTH: EOT @ 5474.97' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1-4' & 1-8' x 3/4" pony rods, 100-3/4" scraped rods, 100-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 20' RHAC
STROKE LENGTH: 102"
PUMP SPEED, 4.5 SPM:

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

| Date | Job ID | Description |
|----------|------------|---|
| 06/07/07 | 5412-5426' | Frac CP3 sands as follows: 34633# 20/40 sand in 371 bbls Lightning 17 frac fluid. Treated @ avg press of 2052 psi w/avg rate of 24.7 BPM. ISIP 2154 psi. Calc flush: 5410 gal. Actual flush: 4906 gal. |
| 06/08/07 | 5306-5314' | Frac CP1 sands as follows: 24825# 20/40 sand in 338 bbls Lightning 17 frac fluid. Treated @ avg press of 2394 psi w/avg rate of 24.7 BPM. ISIP 2353 psi. Calc flush: 5304 gal. Actual flush: 4843 gal. |
| 06/08/07 | 5238-5254' | Frac LODC sands as follows: 69984# 20/40 sand in 557 bbls Lightning 17 frac fluid. Treated @ avg press of 2189 psi w/avg rate of 24.7 BPM. ISIP 2569 psi. Calc flush: 5236 gal. Actual flush: 4729 gal. |
| 06/08/07 | 5099-5107' | Frac LODC sands as follows: 44824# 20/40 sand in 411 bbls Lightning 17 frac fluid. Treated @ avg press of 2128 psi w/avg rate of 24.7 BPM. ISIP 2388 psi. Calc flush: 5097 gal. Actual flush: 4591 gal. |
| 06/08/07 | 4804-4834' | Frac A1&A3 sands as follows: 84070# 20/40 sand in 625 bbls Lightning 17 frac fluid. Treated @ avg press of 1849 psi w/avg rate of 24.7 BPM. ISIP 2309 psi. Calc flush: 4802 gal. Actual flush: 4339 gal. |
| 06/08/07 | 4618-4675' | Frac B1 & B2 sands as follows: 136676# 20/40 sand in 945 bbls Lightning 17 frac fluid. Treated @ avg press of 1720 psi w/avg rate of 24.7 BPM. ISIP 2016 psi. Calc flush: 4616 gal. Actual flush: 4154 gal. |
| 06/08/07 | 4410-4418' | Frac D1 sands as follows: 36368# 20/40 sand in 369 bbls Lightning 17 frac fluid. Treated @ avg press of 1565 psi w/avg rate of 24.7 BPM. ISIP 1650 psi. Calc flush: 4408 gal. Actual flush: 4368 gal. |

PERFORATION RECORD

| Date | Job ID | JSPF | Holes |
|----------|------------|--------|----------|
| 06/05/07 | 5412-5426' | 4 JSPF | 56 holes |
| 06/07/07 | 5306-5314' | 4 JSPF | 32 holes |
| 06/07/07 | 5238-5254' | 4 JSPF | 64 holes |
| 06/08/07 | 5099-5107' | 4 JSPF | 32 holes |
| 06/08/07 | 4824-4834' | 4 JSPF | 40 holes |
| 06/08/07 | 4804-4812' | 4 JSPF | 32 holes |
| 06/08/07 | 4669-4675' | 4 JSPF | 24 holes |
| 06/08/07 | 4618-4635' | 4 JSPF | 68 holes |
| 06/08/07 | 4410-4418' | 4 JSPF | 32 holes |



FEDERAL 6-19-9-16
1941' FNL & 1851' FWL
SE/NW Section 19-T9S-R16E
Duchesne Co, Utah
API #43-013-33100; Lease # UTU-64379

Federal 2-19-9-16

Spud Date: 5/21/2009
 Put on Production: 6/30/2009
 GL: 5966' KB: 5978'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (276')
 DEPTH LANDED: 328'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 220 sxs Class "G" cmt

PRODUCTION CASING

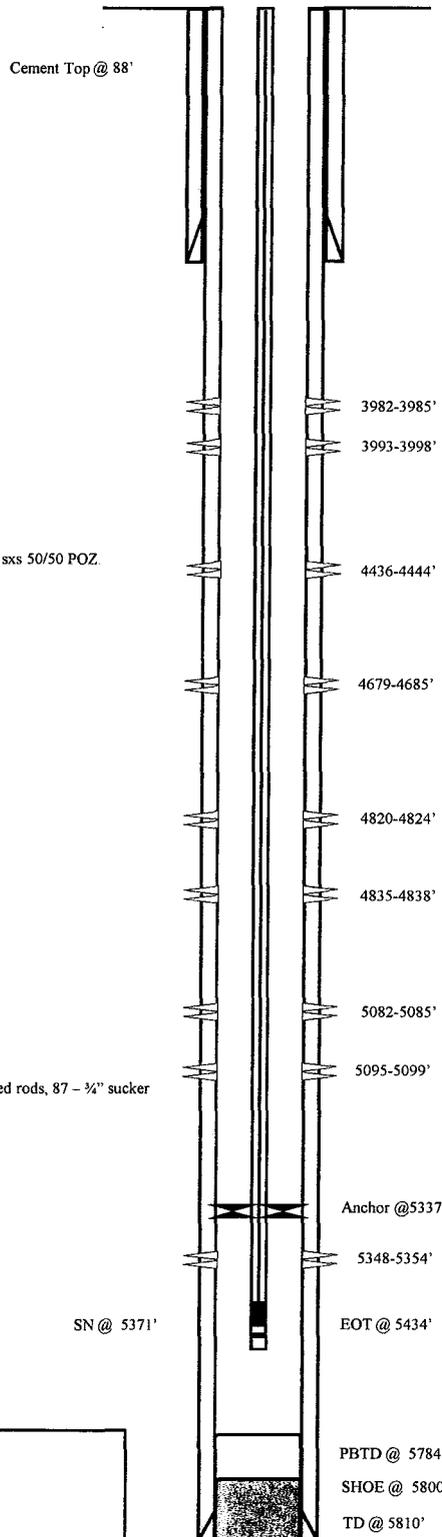
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 145 jts. (5772')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5799.81'
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 88'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO OF JOINTS: 173 jts (5325')
 TUBING ANCHOR: 5337'
 NO OF JOINTS: 1 jts (30.9')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5371' KB
 NO OF JOINTS: 2 jts (61.7')
 TOTAL STRING LENGTH: EOT @ 5434'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 1 - 4' x 3/4" pony rods, 101 - 3/4" guided rods, 87 - 3/4" sucker rods, 20 - 3/4" guided rods, 6 - 1 1/2" weight bars
 PUMP SIZE: 2 1/2 x 1 1/2 x 20' RHAC
 STROKE LENGTH: 100
 PUMP SPEED: SPM 5



FRAC JOB

| | | |
|--------|------------|--|
| 7-1-09 | 5348-5354' | Frac C P1 sands as follows: Frac with 19980# 20/40 sand in 165 bbls Lightning 17 fluid. |
| 7-1-09 | 5082-5099' | Frac L ODC sands as follows: Frac with 25343# 20/40 sand in 207 bbls Lightning 17 fluid. |
| 7-1-09 | 4820-4838' | Frac A1 sands as follows: Frac with 25225# 20/40 sand in 206 bbls Lightning 17 fluid. |
| 7-1-09 | 4679-4685' | Frac B1 sands as follows: Frac with 31161# 20/40 sand in 248 bbls Lightning 17 fluid. |
| 7-1-09 | 4436-4444' | Frac D1 sands as follows: Frac with 81584# 20/40 sand in 472 bbls Lightning 17 fluid. |
| 7-1-09 | 3982-3998' | Frac GB6 sands as follows: Frac with 85303# 20/40 sand in 491 bbls Lightning 17 fluid. |

PERFORATION RECORD

| | | |
|------------|--------|----------|
| 5348-5354' | 3 JSPF | 18 holes |
| 5095-5099' | 3 JSPF | 12 holes |
| 5082-5085' | 3 JSPF | 9 holes |
| 4835-4838' | 3 JSPF | 9 holes |
| 4820-4824' | 3 JSPF | 12 holes |
| 4679-4685' | 3 JSPF | 18 holes |
| 4436-4444' | 3 JSPF | 24 holes |
| 3993-3998' | 3 JSPF | 15 holes |
| 3982-3985' | 3 JSPF | 9 holes |

NEWFIELD

Federal 2-19-9-16
 821' FNL & 2093' FEL NW/NE
 Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33063; Lease #UTU-64379

FEDERAL 5-19-9-16

Spud Date: 08/29/07
 Put on Production: 10/08/07
 GL: 6182' KB: 6194'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (301.00')
 DEPTH LANDED: 312.85' 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: 149 jts. (5914.34')
 DEPTH LANDED: 5927.59' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 171 jts (5274.0')
 TUBING ANCHOR: 5286' KB
 NO. OF JOINTS: 1 jts (31.4')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5320.2' KB
 NO. OF JOINTS: 2 jts (62.4')
 TOTAL STRING LENGTH: EOT @ 5385' KB

SUCKER RODS

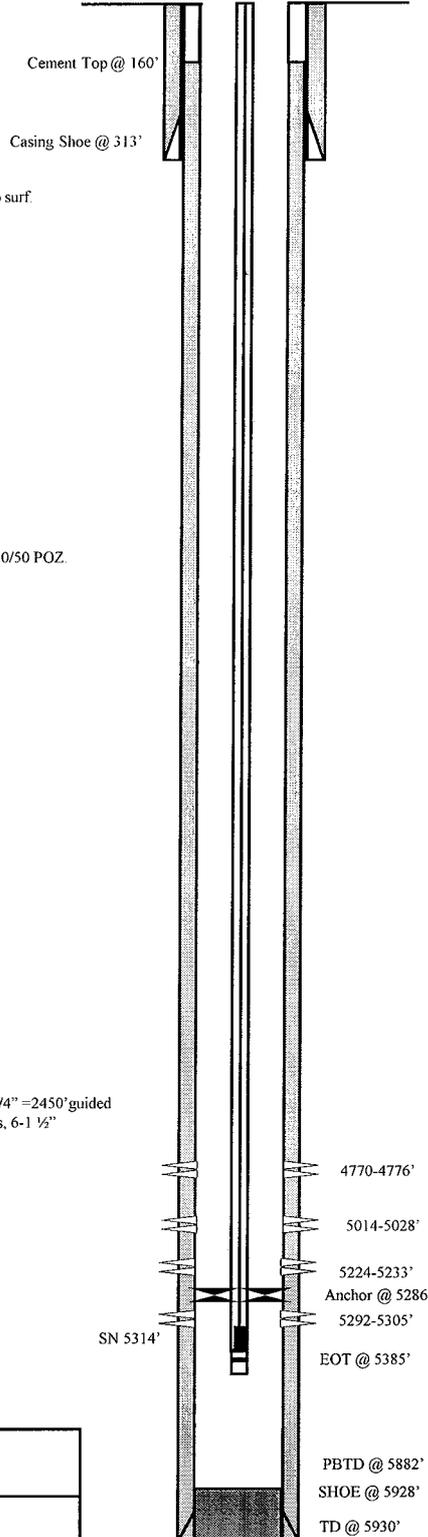
POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 1-4', 1-4' & 1-16' x 3/4" pony rods, 98-3/4" =2450' guided rods, 87-3/4" =2175' guided rods, 20-3/4" =500' guided rods, 6-1/2" =150' weight rods, 1 - 1" =4' stabilizer rod.
 PUMP SIZE: CDI 2-1/2" x 1-1/4" x 20' NF 1139
 STROKE LENGTH: 102"
 PUMP SPEED, 5 SPM:

FRAC JOB

| | | |
|-----------|------------|---|
| 10/02/07 | 5292-5305' | Frac LODC sands as follows: 70815# 20/40 sand in 589 bbls Lightning 17 frac fluid. Treated @ avg press of 2092 psi w/avg rate of 24.8 BPM. ISIP 2307 psi. Calc flush: 5290 gal. Actual flush: 4784 gal. |
| 10/02/07 | 5224-5233' | Frac LODC sands as follows: 56237# 20/40 sand in 502 bbls Lightning 17 frac fluid. Treated @ avg press of 2357 psi w/avg rate of 24.8 BPM. ISIP 2399 psi. Calc flush: 5222 gal. Actual flush: 4717 gal. |
| 10/04/07 | 5014-5028' | Frac A3 sands as follows: 49854# 20/40 sand in 466 bbls Lightning 17 frac fluid. Treated @ avg press of 1934 psi w/avg rate of 24.8 BPM. ISIP 2070 psi. Calc flush: 5012 gal. Actual flush: 4507 gal. |
| 10/05/07 | 4770-4776' | Frac C sands as follows: 16441# 20/40 sand in 257 bbls Lightning 17 frac fluid. Treated @ avg press of 2243 psi w/avg rate of 24.8 BPM. ISIP 3458 psi. Calc flush: 4768 gal. Actual flush: 4683 gal. |
| 10/21/09 | | Pump Change. Updated rod & tubing details. |
| 7/14/2011 | | Tubing Leak. Updated rod & tubing details. |

PERFORATION RECORD

| | | | |
|----------|------------|--------|----------|
| 10/01/07 | 5292-5305' | 4 JSPF | 52 holes |
| 10/02/07 | 5224-5233' | 4 JSPF | 36 holes |
| 10/02/07 | 5014-5028' | 4 JSPF | 56 holes |
| 10/04/07 | 4770-4776' | 4 JSPF | 24 holes |





FEDERAL 5-19-9-16
 1785'FNL & 544' FWL
 SW/NW Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33174; Lease # UTU-64379

FEDERAL 14-18-9-16

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

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

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

PRODUCTION CASING

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

TUBING

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

SUCKER RODS

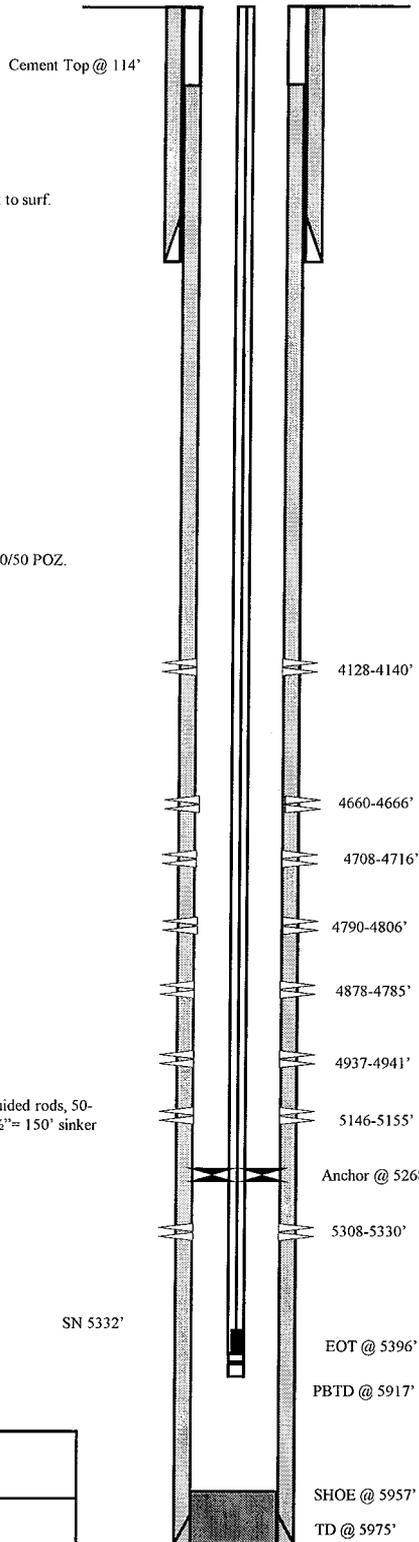
POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 1- 2' x 3/4" pony rods, 100-3/4" = 2500' guided rods, 50-3/4" = 1250' guided rods, 56-3/4" = 1400' guided rods, 6-1 1/2" = 150' sinker rods.
 PUMP SIZE: CDI 2-1/2" x 1-1/4" x 14' x 18' RHAC
 STROKE LENGTH: 102"
 PUMP SPEED, 5 SPM:

FRAC JOB

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

PERFORATION RECORD

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



NEWFIELD

FEDERAL 14-18-9-16

1040' FSL & 2047' FWL

SE/SW Section 18-T9S-R16E

Duchesne Co, Utah

API #43-013-33000; Lease # UTU-64379

FEDERAL 4-19-9-16

Spud Date: 09/21/07
 Put on Production: 10/16/07
 GL: 6147' KB: 6159'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (318.36')
 DEPTH LANDED: 318.43' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 154 jts. (5940.31')
 DEPTH LANDED: 5953.56' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP: 113'

TUBING

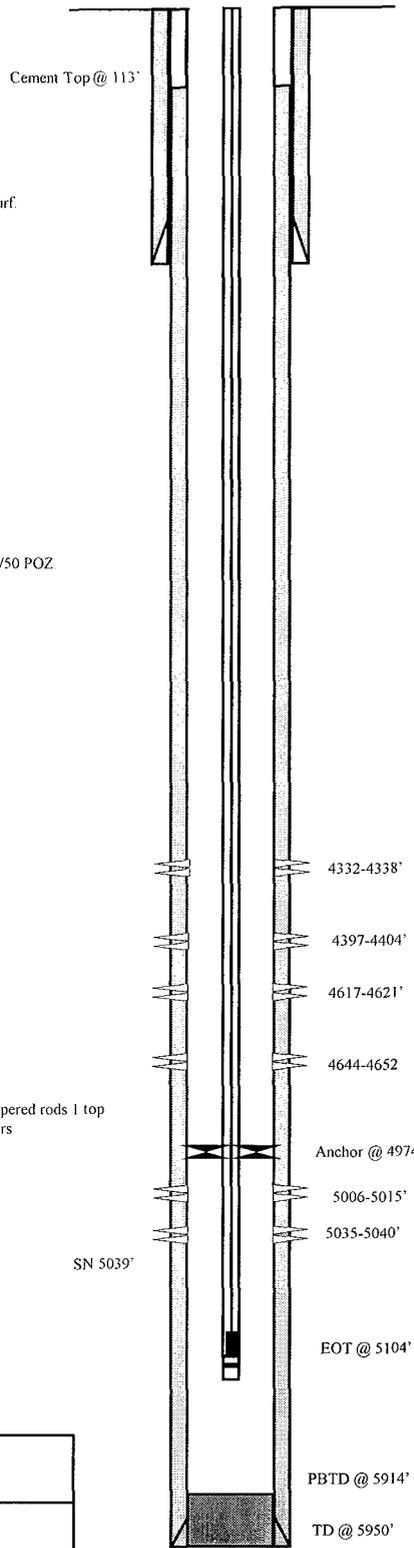
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 160 jts (4960.45')
 TUBING ANCHOR: 4974' KB
 NO. OF JOINTS: 2 jts (61.80')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5039' KB
 NO. OF JOINTS: 2 jts (63.1')
 TOTAL STRING LENGTH: EOT @ 5104' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 1-4', & 1-2' x 3/4" pony rods, 99-3/4" scraped rods 1 top new, 36-3/4" slick rods, 59-3/4" scraped rods, 6-1 1/2" WI Bars
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16" x 17" RHAC
 STROKE LENGTH: 102"
 PUMP SPEED, 5 SPM:

FRAC JOB

| | | |
|-----------|------------|--|
| 10/24/07 | 5006-5040' | Frac A1 & A3 sands as follows: 59956# 20/40 sand in 510 bbls Lightning 17 frac fluid. Treated @ avg press of 2310 psi w/avg rate of 27.4 BPM. ISIP 2530 psi. Calc flush: 5004 gal. Actual flush: 4494 gal. |
| 10/24/07 | 4617-4652' | Frac D1 & D2 sands as follows: 60019# 20/40 sand in 499 bbl Lightning 17 frac fluid. Treated @ avg press of 1873 psi w/avg rate of 24.8 BPM. ISIP 2145 psi. Calc flush: 4615 gal. Actual flush: 4116 gal. |
| 10/24/07 | 4332-4404' | Frac PB10 & PB11 sands as follows: 38622# 20/40 sand in 415 bbls Lightning 17 frac fluid. Treated @ avg press of 2107 psi w/avg rate of 24.8 BPM. ISIP 2145 psi. Calc flush: 4330 gal. Actual flush: 4200 gal. |
| 6/11/08 | | Stuck pump. Updated tubing and rod detail |
| 6/18/09 | | Tubing Leak. Updated rod & tubing details |
| 10-6-2010 | | Parted Rods. Update rod and tubing details. |



PERFORATION RECORD

| | | |
|------------|--------|----------|
| 5035-5040' | 4 JSPF | 20 holes |
| 5006-5015' | 4 JSPF | 36 holes |
| 4644-4652' | 4 JSPF | 32 holes |
| 4617-4621' | 4 JSPF | 16 holes |
| 4397-4404' | 4 JSPF | 28 holes |
| 4332-4338' | 4 JSPF | 24 holes |



FEDERAL 4-19-9-16
 795'FNL & 507' FWL
 NW/NW Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33065; Lease # UTU-64379

Ashley Federal 1-24-9-15

Spud Date: 03/30/05
 Put on Production: 06/03/05
 GL: 6159' KB: 6169'

Initial Production: BOPD,
 MCFD, BWPD

Injection Wellbore Diagram

SURFACE CASING

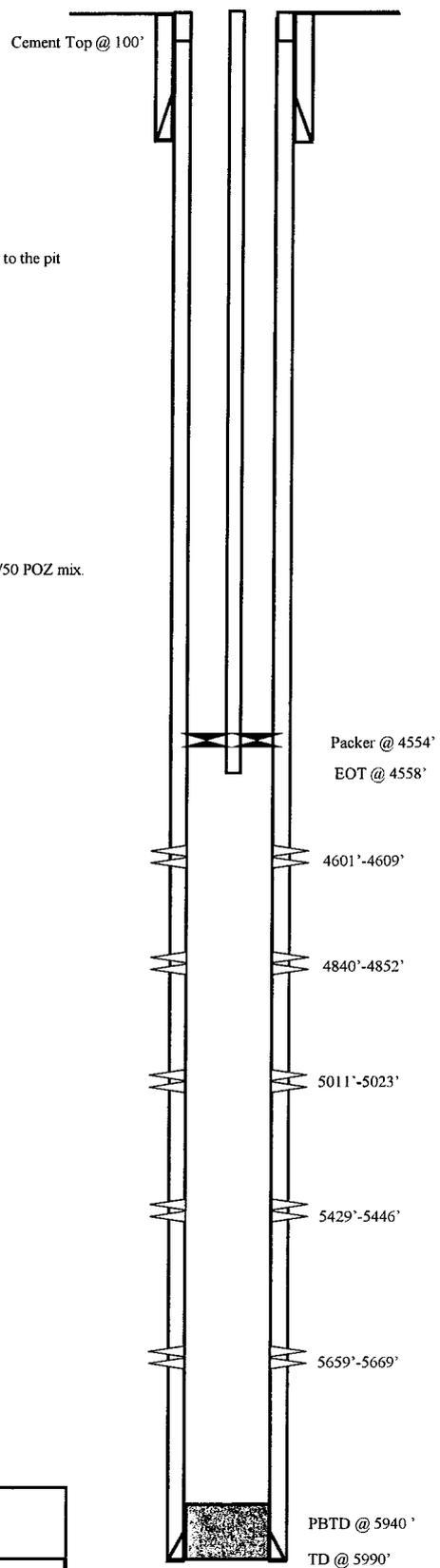
CSG SIZE: 8 5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (298.59')
 DEPTH LANDED: 308.59' KB
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 160 sks Class "G" Mix. Est 3 bbls cement to the pit

PRODUCTION CASING

CSG SIZE: 5 1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 166 jts. (5978.21')
 DEPTH LANDED: 5976.21' KB
 HOLE SIZE: 7 7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix.
 CEMENT TOP AT: 100'

TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#
 NO. OF JOINTS: 136 jts (4537.75')
 SEATING NIPPLE: 2 7/8" (1.10')
 SN LANDED AT: 4549.75' KB
 TOTAL STRING LENGTH: 4558.25' w/ 12' KB



FRAC JOB

05/26/05 5659'-5669' **Frac CP3 sands as follows:**
 25,389# of 20/40 sand in 296 bbls lightning
 17 frac fluid. Treated @ avg press of 2019
 psi, w/avg rate of 25.3 bpm. ISIP 2020 psi.
 Calc flush: 5657 gal. Actual flush: 5376 gal.

05/26/05 5156'-5186' **Frac LODC sands as follows:**
 40,595# of 20/40 sand in 369 bbls lightning
 17 frac fluid. Treated @ avg press of 2057
 psi, w/avg rate of 24.9 bpm. ISIP 3950 psi.
 Flush screened out.

05/27/05 4840'-4852' **Frac B1 sands as follows:**
 39,566# of 20/40 sand in 382 bbls lightning
 17 frac fluid. Treated @ avg press of 1756
 psi, w/avg rate of 25 bpm. ISIP 2950 psi.
 Calc flush: 4838 gal. Actual flush: 4578 gal.

05/27/05 4601'-4609' **Frac D1 sands as follows:**
 40,412# of 20/40 sand in 355 bbls lightning
 17 frac fluid. Treated @ avg press of 1784
 psi, w/avg rate of 24.8 bpm. ISIP 3593 psi.
 Flush screened out

05/27/05 5011'-5023' **Frac A1 sands as follows:**
 46,430# of 20/40 sand in 402 bbls lightning
 17 frac fluid. Treated @ avg press of 3096
 psi, w/avg rate of 14.2 bpm. ISIP 2100 psi.
 Calc flush: 1307 gal. Actual flush: 1260 gal.

1/8/07 **Well converted to an Injection well. MIT
 completed and submitted.**

PERFORATION RECORD

| Date | Depth Range | Number of JSPF | Number of Holes |
|----------|-------------|----------------|-----------------|
| 05/16/05 | 5659'-5669' | 4 JSPF | 40 holes |
| 05/26/05 | 5429'-5446' | 4 JSPF | 68 holes |
| 05/27/05 | 5011'-5023' | 4 JSPF | 48 holes |
| 05/27/05 | 4840'-4852' | 4 JSPF | 48 holes |
| 05/27/05 | 4601'-4609' | 4 JSPF | 32 holes |



Ashley Federal 1-24-9-15
 640' FNL & 512' FEL
 NE/NE Section 24-T9S-R15E
 Duchesne Co, Utah
 API #43-013-32482; Lease #UTU-66185

FEDERAL 13-18-9-16

Spud Date: 10/04/07
 Put on Production: 11/02/07
 GL: 6126' KB: 6138'

Injection Wellbore Diagram

SURFACE CASING

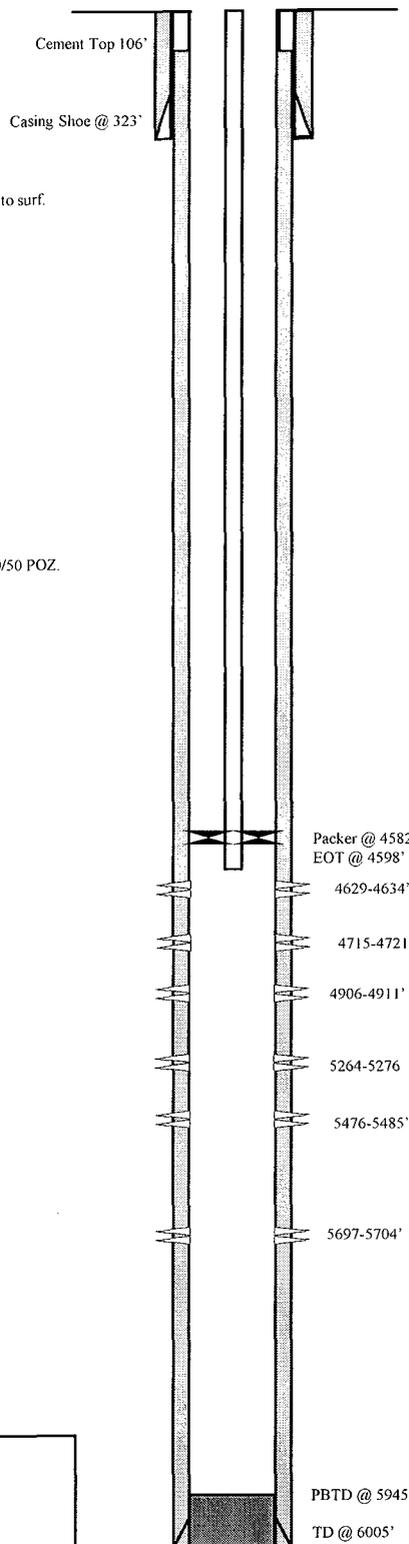
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.56')
 DEPTH LANDED: 323.46' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 154 jts. (5971.92')
 DEPTH LANDED: 5985.17' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP: 106'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 148 jts (4577.3')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4589.3' KB
 CE @ 4581.62'
 TOTAL STRING LENGTH: EOT @ 4598' KB



FRAC JOB

| | | |
|----------|------------|---|
| 10/30/07 | 5697-5704' | Frac CP3 sands as follows: 14620# 20/40 sand in 297 bbls Lightning 17 frac fluid. Treated @ avg press of 1905 psi w/avg rate of 24.8 BPM. ISIP 1650 psi. Calc flush: 5695 gal. Actual flush: 5191 gal. |
| 10/30/07 | 5476-5485' | Frac LODC sands as follows: 14860# 20/40 sand in 283 bbl Lightning 17 frac fluid. Treated @ avg press of 2275 psi w/avg rate of 24.8 BPM. ISIP 2160 psi. Calc flush: 5474 gal. Actual flush: 4969 gal. |
| 10/30/07 | 5264-5276' | Frac LODC sands as follows: 84724# 20/40 sand in 672 bbls Lightning 17 frac fluid. Treated @ avg press of 1940 psi w/avg rate of 24.8 BPM. ISIP 2205 psi. Calc flush: 5262 gal. Actual flush: 4759 gal. |
| 10/30/07 | 4906-4911' | Frac B2 sands as follows: 19569# 20/40 sand in 313 bbls Lightning 17 frac fluid. Treated @ avg press of 2260 psi w/avg rate of 24.8 BPM. ISIP 1845 psi. Calc flush: 4904 gal. Actual flush: 4402 gal. |
| 10/30/07 | 4715-4721' | Frac D3 sands as follows: 24711# 20/40 sand in 342 bbls Lightning 17 frac fluid. Treated @ avg press of 1960 psi w/avg rate of 24.8 BPM. ISIP 1890 psi. Calc flush: 4713 gal. Actual flush: 4250 gal. |
| 10/30/07 | 4629-4634' | Frac D1 sands as follows: 17447# 20/40 sand in 270 bbls Lightning 17 frac fluid. Treated @ avg press of 2298 psi w/avg rate of 24.8 BPM. ISIP 2150 psi. Calc flush: 4627 gal. Actual flush: 4536 gal. |
| 12/15/10 | | Tubing Leak. Rod & tubing updated. |
| 8/29/11 | | Tubing Leak. Rod & tubing detail updated. |
| 04/11/12 | | Convert to Injection Well |
| 04/17/12 | | Conversion MIT Finalized – update tbg detail |

PERFORATION RECORD

| Date | Interval | Number of JSPF | Number of Holes |
|----------|------------|----------------|-----------------|
| 10/25/07 | 5697-5704' | 4 JSPF | 28 holes |
| 10/30/07 | 5476-5485' | 4 JSPF | 36 holes |
| 10/30/07 | 5264-5276' | 4 JSPF | 48 holes |
| 10/30/07 | 4906-4911' | 4 JSPF | 20 holes |
| 10/30/07 | 4715-4721' | 4 JSPF | 24 holes |
| 10/30/07 | 4629-4634' | 4 JSPF | 20 holes |



FEDERAL 13-18-9-16

674' FSL & 364' FWL

SW/SW Section 18-T9S-R16E

Duchesne Co, Utah

API #43-013-32999; Lease # UTU-64379

Federal 16-13-9-16

Spud Date: 8-29-05
 Put on Production: 10-26-05
 GL: 5528' KB: 5539'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (301.57')
 DEPTH LANDED: 313.42' 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: 132 jts. (5871.95')
 DEPTH LANDED: 5885.2' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.
 CEMENT TOP AT: 500'

TUBING

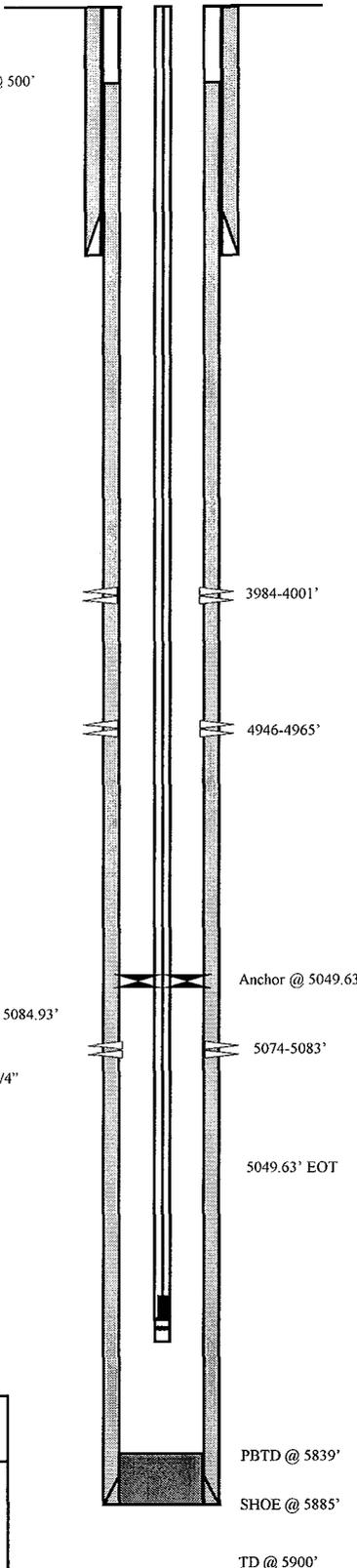
SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 155 jts (5049.63')
 TUBING ANCHOR: 5049.63'
 NO. OF JOINTS: 1 jts (32.50')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5084.93'
 NO. OF JOINTS: 2 jts (63.20)
 TOTAL STRING LENGTH: EOT @ 5147.85'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-2', 4', 8' x 3/4" pony subs, 87-3/4" plain rods, 99-3/4" scraped rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.
 PUMP SIZE: 2 1/2" x 1 1/2" x 16' RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, 4.5 SPM

Cement top @ 500'

SN 5084.93'



FRAC JOB

| Date | Depth Range | Description |
|----------|-------------|---|
| 10-24-05 | 5074-5083' | Frac LODC sands as follows: 55032# 20/40 sand in 529 bbls Lightning 17 frac fluid. Treated @ avg press of 2738 psi w/avg rate of 25.1 BPM. ISIP 3200 psi. Calc flush: 5072 gal. Actual flush: 4830 gal. |
| 10-24-05 | 4946-4965' | Frac A3 sands as follows: 100665# 20/40 sand in 716 bbls Lightning 17 frac fluid. Treated @ avg press of 1750 psi w/avg rate of 25.1 BPM. ISIP 1950 psi. Calc flush: 4944 gal. Actual flush: 4654 gal. |
| 10-24-05 | 3984-4001' | Frac GB6 sands as follows: 93364# 20/40 sand in 1820 bbls Lightning 17 frac fluid. Treated @ avg press of 1598 psi w/avg rate of 25.2 BPM. ISIP 1820 psi. Calc flush: 3982 gal. Actual flush: 3906 gal. |
| 7-30-07 | | Pump change. Updated rod & tubing detail. |

PERFORATION RECORD

| Date | Depth Range | Tool | Holes |
|----------|-------------|--------|----------|
| 10-18-05 | 5074-5083' | 4 JSPF | 36 holes |
| 10-24-05 | 4946-4965' | 4 JSPF | 76 holes |
| 10-24-05 | 3984-4001' | 4 JSPF | 68 holes |

NEWFIELD

Federal 16-13-9-16
 656' FSL & 661' FEL
 SE/SE Section 16-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32647 ; Lease #UTU-64805

FEDERAL 15-18-9-16

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

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

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

PRODUCTION CASING

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

TUBING

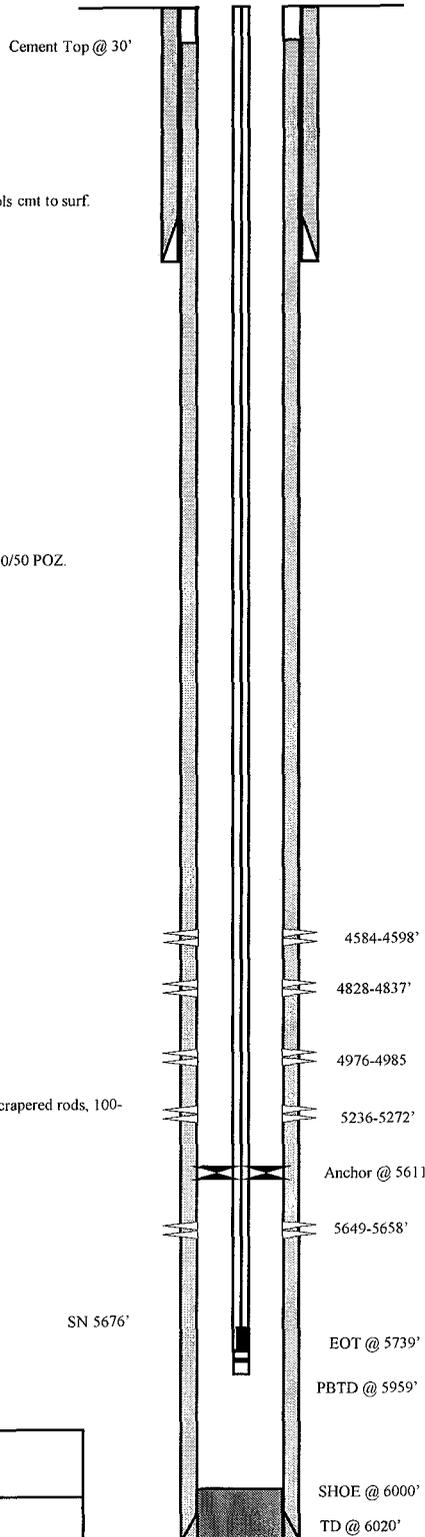
SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 182 jts (5610.75')
 TUBING ANCHOR: 5610.75' KB
 NO. OF JOINTS: 2 jts (62.42')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5675.97' KB
 NO. OF JOINTS: 2 jts (61.58')
 TOTAL STRING LENGTH: EOT @ 5739.10' KB

SUCKER RODS

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

FRAC JOB

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



PERFORATION RECORD

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



NEWFIELD

BELUGA FEDERAL 15-18-9-16

657'FSL & 2350' FEL

SW/SE Section 18-T9S-R16E

Duchesne Co, Utah

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

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
Well Name: **SWDIF**
Sample Point: **After production filter**
Sample Date: **12/9/2011**
Sample ID: **WA-204150**

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): | 6799.09 | Chloride (Cl): | 10000.00 |
| System Temperature 1 (°F): | 300.00 | Potassium (K): | 26.10 | Sulfate (SO4): | 2.00 |
| System Pressure 1 (psig): | 3000.00 | Magnesium (Mg): | 9.40 | Bicarbonate (HCO3): | 1024.80 |
| System Temperature 2 (°F): | 70.00 | Calcium (Ca): | 26.80 | 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): | 24.20 | Propionic Acid (C2H5COO) | 0.00 |
| pH: | 8.20 | Iron (Fe): | 0.47 | Butanoic Acid (C3H7COO) | 0.00 |
| Calculated TDS (mg/L): | 17913.62 | Zinc (Zn): | 0.00 | Isobutyric Acid ((CH3)2CHCOO) | 0.00 |
| CO2 in Gas (%): | 0.00 | Lead (Pb): | 0.70 | 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): | 0.06 | Silica (SiO2): | 0.00 |
| H2S in Water (mg/L): | 10.00 | | | | |

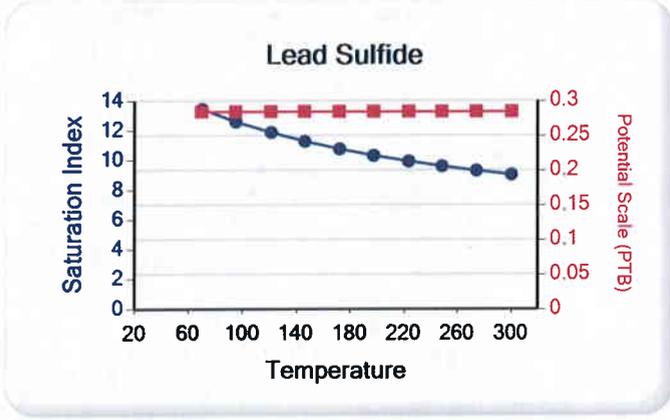
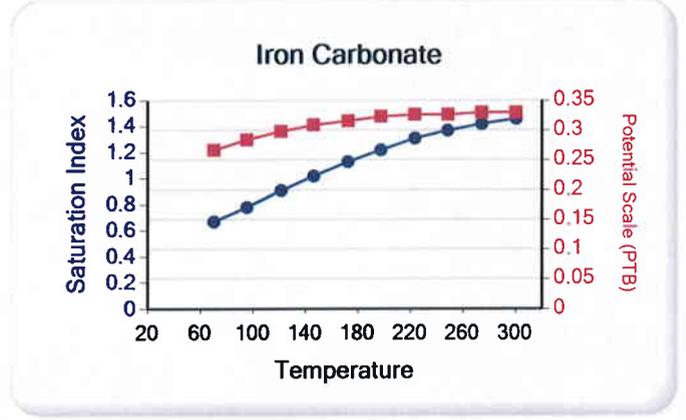
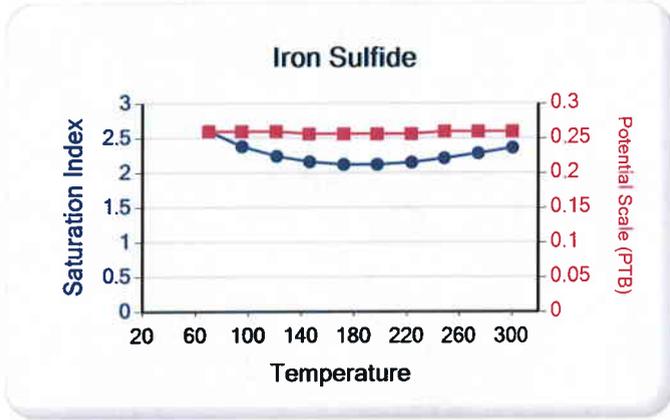
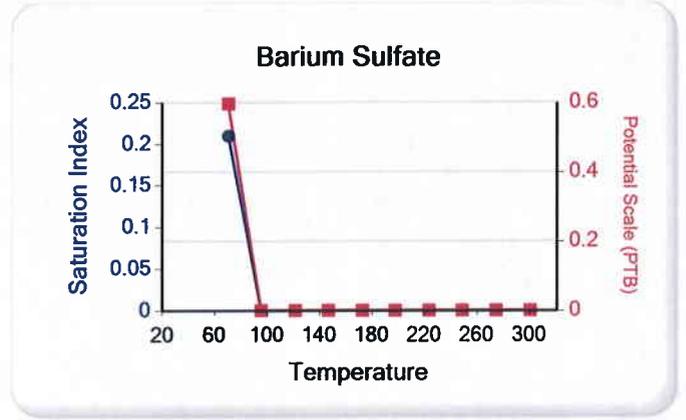
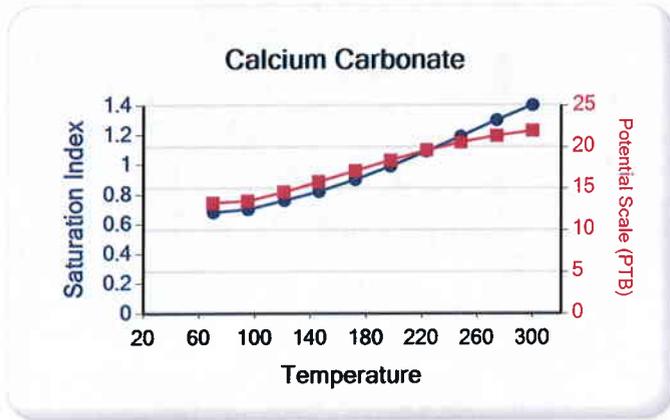
Notes:

(PTB = Pounds per Thousand Barrels)

| Temp (°F) | PSI | Calcium Carbonate | | Barium Sulfate | | Iron Sulfide | | Iron Carbonate | | Gypsum CaSO4·2H2O | | Celestite SrSO4 | | Halite NaCl | | Zinc Sulfide | |
|-----------|------|-------------------|-------|----------------|------|--------------|------|----------------|------|-------------------|------|-----------------|------|-------------|------|--------------|------|
| | | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB | SI | PTB |
| 70 | 14 | 0.68 | 13.26 | 0.21 | 0.60 | 2.60 | 0.26 | 0.67 | 0.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 95 | 346 | 0.70 | 13.48 | 0.00 | 0.00 | 2.38 | 0.26 | 0.78 | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 121 | 678 | 0.76 | 14.55 | 0.00 | 0.00 | 2.24 | 0.26 | 0.91 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 146 | 1009 | 0.82 | 15.79 | 0.00 | 0.00 | 2.16 | 0.26 | 1.02 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 172 | 1341 | 0.90 | 17.10 | 0.00 | 0.00 | 2.12 | 0.26 | 1.13 | 0.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 197 | 1673 | 0.99 | 18.39 | 0.00 | 0.00 | 2.12 | 0.26 | 1.22 | 0.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 223 | 2004 | 1.09 | 19.55 | 0.00 | 0.00 | 2.15 | 0.26 | 1.31 | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 248 | 2336 | 1.19 | 20.54 | 0.00 | 0.00 | 2.21 | 0.26 | 1.37 | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 274 | 2668 | 1.30 | 21.32 | 0.00 | 0.00 | 2.28 | 0.26 | 1.42 | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 300 | 3000 | 1.40 | 21.90 | 0.00 | 0.00 | 2.36 | 0.26 | 1.46 | 0.33 | 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 | 13.45 | 0.28 | 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 | 12.59 | 0.28 | 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 | 11.89 | 0.28 | 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 | 11.28 | 0.28 | 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 | 10.76 | 0.28 | 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 | 10.32 | 0.28 | 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 | 9.93 | 0.28 | 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 | 9.60 | 0.28 | 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 | 9.30 | 0.28 | 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 | 9.03 | 0.28 | 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 3-19-9-16**
Sample Point: **Treater**
Sample Date: **5/20/2012**
Sample ID: **WA-214843**

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 | | Anions | |
| | | mg/L | | mg/L | |
| System Temperature 1 (°F): | 120.00 | Sodium (Na): | 7062.03 | Chloride (Cl): | 9900.00 |
| System Pressure 1 (psig): | 60.0000 | Potassium (K): | 39.80 | Sulfate (SO4): | 31.00 |
| System Temperature 2 (°F): | 185.00 | Magnesium (Mg): | 5.30 | Bicarbonate (HCO3): | 1830.00 |
| System Pressure 2 (psig): | 60.0000 | Calcium (Ca): | 15.90 | Carbonate (CO3): | 0.00 |
| Calculated Density (g/ml): | 1.010 | Strontium (Sr): | 0.00 | Acetic Acid (CH3COO) | 0.00 |
| pH: | 8.10 | Barium (Ba): | 6.30 | Propionic Acid (C2H5COO) | 0.00 |
| Calculated TDS (mg/L): | 18900.38 | Iron (Fe): | 9.80 | Butanoic Acid (C3H7COO) | 0.00 |
| CO2 in Gas (%): | 0.00 | Zinc (Zn): | 0.06 | Isobutyric Acid ((CH3)2CHCOO) | 0.00 |
| Dissolved CO2 (mg/L): | 0.00 | Lead (Pb): | 0.00 | Fluoride (F): | |
| H2S in Gas (%): | 0.00 | Ammonia NH3: | | Bromine (Br): | |
| H2S in Water (mg/L): | 0.00 | Manganese (Mn): | 0.19 | Silica (SiO2): | |

Notes:

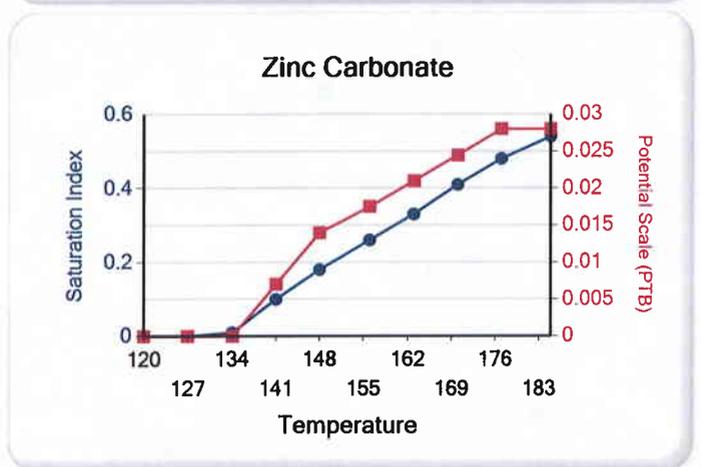
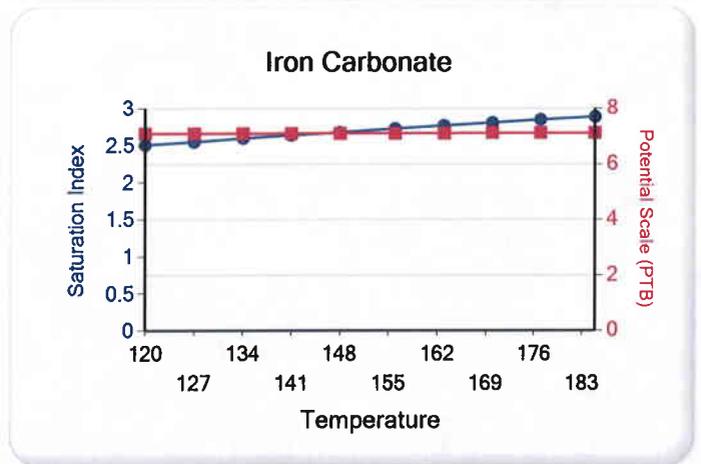
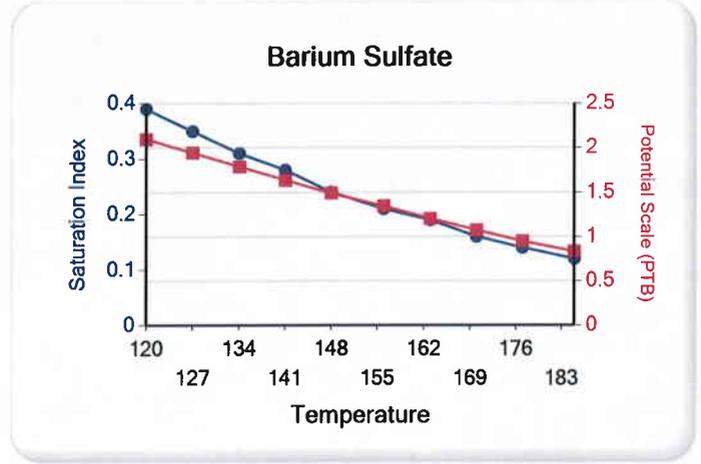
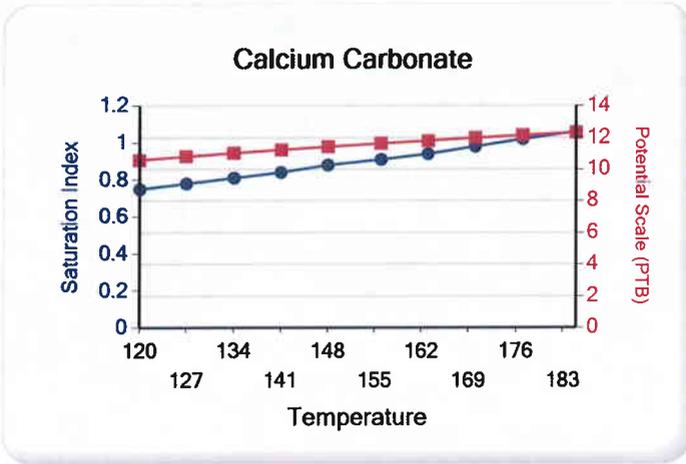
(PTB = Pounds per Thousand Barrels)

| 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 | 1.06 | 12.30 | 0.12 | 0.83 | 0.00 | 0.00 | 2.89 | 7.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 177.00 | 60.00 | 1.02 | 12.14 | 0.14 | 0.95 | 0.00 | 0.00 | 2.85 | 7.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 170.00 | 60.00 | 0.98 | 11.97 | 0.16 | 1.07 | 0.00 | 0.00 | 2.81 | 7.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 163.00 | 60.00 | 0.94 | 11.80 | 0.19 | 1.20 | 0.00 | 0.00 | 2.77 | 7.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 156.00 | 60.00 | 0.91 | 11.61 | 0.21 | 1.34 | 0.00 | 0.00 | 2.73 | 7.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 148.00 | 60.00 | 0.88 | 11.42 | 0.24 | 1.49 | 0.00 | 0.00 | 2.68 | 7.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 141.00 | 60.00 | 0.84 | 11.22 | 0.28 | 1.64 | 0.00 | 0.00 | 2.64 | 7.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 134.00 | 60.00 | 0.81 | 11.01 | 0.31 | 1.79 | 0.00 | 0.00 | 2.60 | 7.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 127.00 | 60.00 | 0.78 | 10.80 | 0.35 | 1.95 | 0.00 | 0.00 | 2.55 | 7.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 120.00 | 60.00 | 0.75 | 10.58 | 0.39 | 2.10 | 0.00 | 0.00 | 2.51 | 7.10 | 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 | 0.54 | 0.03 | 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 | 0.48 | 0.03 | 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 | 0.41 | 0.02 | 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 | 0.33 | 0.02 | 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 | 0.26 | 0.02 | 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 | 0.18 | 0.01 | 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 | 0.10 | 0.01 | 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 | 0.01 | 0.00 | 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 120.00 | 60.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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

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



Attachment "G"

**Federal #3-19-9-16
Proposed Maximum Injection Pressure**

| Frac Interval (feet) | | Avg. Depth (feet) | ISIP (psi) | Calculated Frac Gradient (psi/ft) | Pmax |
|-------------------------|--------|----------------------|---------------|--|----------------------|
| Top | Bottom | | | | |
| 5228 | 5240 | 5234 | 2160 | 0.85 | 2126 |
| 4975 | 4982 | 4979 | 2248 | 0.88 | 2216 |
| 4823 | 4831 | 4827 | 1907 | 0.83 | 1876 |
| 4594 | 4603 | 4599 | 1927 | 0.85 | 1897 |
| 4082 | 4098 | 4090 | 1836 | 0.88 | 1809 |
| | | | | Minimum | <u><u>1809</u></u> ← |

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

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

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



1 of 9

DAILY COMPLETION REPORT

WELL NAME: Federal 3-19-9-16 Report Date: 10/6/2007 Day: 1
Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 324' Prod Csg: 5-1/2" @ 5945' Csg PBTD: 5873' 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 LODC sds at 5228-5240' with 4/48 SPF/#shots.

CHRONOLOGICAL OPERATIONS

Date Work Performed: 10/5/2007 SITP: SICP: 0

Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg 8 casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5873' & cement top @ 30'. Perforate stage #1, LODC sds @ 5228-40'w/ 3-1/8" Slick Guns (19 gram, .49"EH. 120) w/ 4 spf for total of 48 shots. 141 BWTR. SWIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 141 Starting oil rec to date:
Fluid lost/recovered today: 0 Oil lost/recovered today:
Ending fluid to be recovered: 141 Cum oil recovered:
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

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

COSTS

- Weatherford BOP
NPC NU crew
NDSI trucking
Perforators LLC
Drilling cost
D&M 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: FG:

Completion Supervisor: Don Dulen

DAILY COST: \$0
TOTAL WELL COST:



2 of 9

DAILY COMPLETION REPORT

WELL NAME: Federal 3-19-9-16 **Report Date:** 10/9/2007 **Day:** 2a
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 324' **Prod Csg:** 5-1/2" @ 5945' **Csg PBTD:** 5873' WL
Tbg: Size: _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** _____

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|----------|------------|------------|------|-------|------------|
| LODC sds | 5228-5240' | 4/48 | | | |

CHRONOLOGICAL OPERATIONS

Date Work Performed: 10/8/2007 **SITP:** _____ **SICP:** 0

Day2a.

RU BJ Services "Ram Head" frac flange. RU BJ & frac LODC sds, stage #1 down casing w/ 45,550#'s of 20/40 sanc in 450 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2693 psi. Pump 30 gals o Techna Hib before pad. Treated @ ave pressure of 1899 @ ave rate of 24.7 bpm w/ 8 ppg of sand. Spot 12 bbls o 15% HCL acid in flush for next stage. ISIP was 2160. 591 bbls EWTR. Leave pressure on well. **See day2b.**

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 141 **Starting oil rec to date:** _____
Fluid lost/recovered today: 450 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 591 **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: LODC sds down casing
1554 gals w/ Techna Hib & to cross link
3570 gals of pad
2819 gals w/ 1-5 ppg of 20/40 sand
5707 gals w/ 5-8 ppg of 20/40 sand
504 gals of 15% HCL acid
Flush w/ 4746 gals of slick water

COSTS

Weatherford Services
C-D Trkg frac water
NPC fuel gas
BJ Services LODCsds
NPC Supervisor

Flush called @ blender to include 2 bbls for pump/line volume

Max TP: 2127 **Max Rate:** 24.8 **Total fluid pmpd:** 450 bbls
Avg TP: 1899 **Avg Rate:** 24.7 **Total Prop pmpd:** 45,550#'s
ISIP: 2160 **5 min:** _____ **10 min:** _____ **FG:** .85

Completion Supervisor: Ron Shuck

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



3099

DAILY COMPLETION REPORT

WELL NAME: Federal 3-19-9-16 **Report Date:** 10/9/2007 **Day:** 2b
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 324' **Prod Csg:** 5-1/2" @ 5945' **Csg PBTD:** 5873' WL
Tbg: Size: _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** 5080'

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|-----------------|-------------------|-------------|------|-------|------------|
| | | | | | |
| | | | | | |
| | | | | | |
| A1 sds | 4975-4982' | 4/28 | | | |
| LODC sds | 5228-5240' | 4/48 | | | |

CHRONOLOGICAL OPERATIONS

Date Work Performed: 10/8/2007 **SITP:** _____ **SICP:** 1765

Day2b.

RU Perforators LLC WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 7 perf gun. Set plug @ 5080'. Perforate A1 sds @ 4975-82' w/ 3-1/8" Slick Guns (19 gram, .49"HE, 120) w/ 4 spf for total of 28 shots. RU BJ & frac stage #2 w/ 24,422#'s of 20/40 sand in 350 bbls of Lightning 17 frac fluid. Open well w. 1765 psi on casing. Perfs broke down @ 2084 psi. Pump 30 gals of Techna Hib before pad. Treated @ ave pressure of 2402 @ ave rate of 24.9 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2248. 941 bbls EWTR. Leave pressure on well. **See day2c.**

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 591 **Starting oil rec to date:** _____
Fluid lost/recovered today: 350 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 941 **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 sds down casing
1386 gals w/ Techna Hib & to cross link
2478 gals of pad
1915 gals w/ 1-4 ppg of 20/40 sand
3923 gals w/ 4-6.5 ppg of 20/40 sand
504 gals of 15% HCL acid
Flush w/ 4494 gals of slick water

COSTS

Weatherford Services
C-D Trkg frac water
NPC fuel gas
BJ Services A1 sds
Perforators A1 sds

****Flush called @ blender to include 2 bbls for pump/line volume****

Max TP: 2565 **Max Rate:** 24.9 **Total fluid pmpd:** 350 bbls
Avg TP: 2402 **Avg Rate:** 24.9 **Total Prop pmpd:** 24,422#'s
ISIP: 2248 **5 min:** _____ **10 min:** _____ **FG:** .89

Completion Supervisor: Ron Shuck

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



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DAILY COMPLETION REPORT

WELL NAME: Federal 3-19-9-16 **Report Date:** 10/9/2007 **Day:** 2c
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 324' **Prod Csg:** 5-1/2" @ 5945' **Csg PBD:** 5873' WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBD:** 4910'
Plug 5080'

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|-----------------|-------------------|-------------|------|-------|------------|
| | | | | | |
| | | | | | |
| | | | | | |
| B.5 sds | 4823-4831' | 4/32 | | | |
| A1 sds | 4975-4982' | 4/28 | | | |
| LODC sds | 5228-5240' | 4/48 | | | |

CHRONOLOGICAL OPERATIONS

Date Work Performed: 10/8/2007 **SITP:** _____ **SICP:** 1765

Day 2c.
 RU WLT. RIH w/ frac plug & 8' perf gun. Set plug @ 4910'. Perforate B.5 sds @ 4823-31' w/ 4 spf for total of 32 shots. RU BJ & frac stage #3 w/ 29,655#'s of 20/40 sand in 390 bbls of Lightning 17 frac fluid. Open well w/ 1470 ps on casing. Perfs broke down @ 3200 psi. Pump 30 gals of Techna Hib before pad. Treated @ ave pressure of 2022 @ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1907 1331 bbls EWTR. Leave pressure on well. **See day2d.**

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 941 **Starting oil rec to date:** _____
Fluid lost/recovered today: 390 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1331 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 **Job Type:** Sand frac **Weatherford Services** _____
Company: BJ Services **C-D Trkg frac water** _____
Procedure or Equipment detail: B.5 sds down casing **NPC fuel gas** _____
1554 gals w/ Techna Hib & to cross link **BJ Services B.5 sds** _____
2982 gals of pad **Perforators B.5 sds** _____
2319 gals w/ 1-4 ppg of 20/40 sand _____
4690 gals w/ 4-6.5 ppg of 20/40 sand _____
504 gals of 15% HCL acid _____
Flush w/ 4326 gals of slick water _____

****Flush called @ blender to include 2 bbls for pump/line volume****

Max TP: 2258 **Max Rate:** 24.8 **Total fluid pmpd:** 390 bbls
Avg TP: 2022 **Avg Rate:** 24.8 **Total Prop pmpd:** 29,655#'s
ISIP: 1907 **5 min:** _____ **10 min:** _____ **FG:** .83

Completion Supervisor: Ron Shuck

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



DAILY COMPLETION REPORT

WELL NAME: Federal 3-19-9-16 Report Date: 10/9/2007 Day: 2d
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 324' Prod Csg: 5-1/2" @ 5945' Csg PBTD: 5873' WL
 Tbg: Size: _____ Wt: _____ Grd: _____ Pkr/EOT @: _____ BP/Sand PBTD: 4700'
 Plug 5080' 4910'

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|----------|------------|------------|------|-------|------------|
| D1 sds | 4594-4603' | 4/36 | | | |
| B.5 sds | 4823-4831' | 4/32 | | | |
| A1 sds | 4975-4982' | 4/28 | | | |
| LODC sds | 5228-5240' | 4/48 | | | |

CHRONOLOGICAL OPERATIONS

Date Work Performed: 10/8/2007 SITP: _____ SICP: 1475

Day 2d.
 RU WLT. RIH w/ frac plug & 9' perf gun. Set plug @ 4700'. Perforate D1 sds @ 4594-4603' w/ 4 spf for total of 36 shots. RU BJ & frac stage #4 w/ 69,977#'s of 20/40 sand in 571 bbls of Lightning 17 frac fluid. Open well w/ 1475 ps on casing. Perfs broke down @ 4000 psi. Pump 30 gals of Techna Hib before pad. Treated @ ave pressure of 1748 @ ave rate of 24.8 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1927. 1902 bbls EWTR. Leave pressure on well. See day 2e.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1331 Starting oil rec to date: _____
 Fluid lost/recovered today: 571 Oil lost/recovered today: _____
 Ending fluid to be recovered: 1902 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 sds down casing
1386 gals w/ Techna Hib & to cross link
5376 gals of pad
3625 gals w/ 1-5 ppg of 20/40 sand
7250 gals w/ 5-8 ppg of 20/40 sand
1767 gals w/ 8 ppg of 20/40 sand
504 gals of 15% HCL acid
Flush w/ 4074 gals of slick water

COSTS

Weatherford Services
C-D Trkg frac water
NPC fuel gas
BJ Services D1 sds
Perforators D1 sds

Flush called @ blender to include 2 bbls for pump/line volume

Max TP: 1937 Max Rate: 25 Total fluid pmpd: 571 bbls
 Avg TP: 1748 Avg Rate: 24.8 Total Prop pmpd: 69,977#'s
 ISIP: 1927 5 min: _____ 10 min: _____ FG: .85

Completion Supervisor: Ron Shuck

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

NEWFIELD



ATTACHMENT G-1

6 of 9

DAILY COMPLETION REPORT

WELL NAME: Federal 3-19-9-16 Report Date: 10/9/2007 Day: 2e
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 324' Prod Csg: 5-1/2" @ 5945' Csg PBTD: 5873' WL
 Tbg: Size: _____ Wt: _____ Grd: _____ Pkr/EOT @: _____ BP/Sand PBTD: 4200'
 Plug 5080' 4910' 4700'

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|----------|------------|------------|------|-------|------------|
| GB4 sds | 4082-4098' | 4/64 | | | |
| D1 sds | 4594-4603' | 4/36 | | | |
| B.5 sds | 4823-4831' | 4/32 | | | |
| A1 sds | 4975-4982' | 4/28 | | | |
| LODC sds | 5228-5240' | 4/48 | | | |

CHRONOLOGICAL OPERATIONS

Date Work Performed: 10/8/2007 SITP: _____ SICP: 1704

Day2e.

RU WLT. RIH w/ frac plug & 16' perf gun. Set plug @ 4200'. Perforate GB4 sds @ 4082-98' w/ 4 spf for total of 64 shots. RU BJ & frac stage #5 w/ 84,076#'s of 20/40 sand in 655 bbls of Lightning 17 frac fluid. Open well w/ 1704 ps on casing. Perfs broke down @ 3840 psi. Pump 30 gals of Techna Hib before pad. Treated @ ave pressure of 1625 @ ave rate of 24.8 bpm w/ 8 ppg of sand. ISIP was 1836. 2557 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 5 hours & died w/ 357 bbls rec'd. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2557 Starting oil rec to date: _____
 Fluid lost/recovered today: 357 Oil lost/recovered today: _____
 Ending fluid to be recovered: 2200 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 sds down casing
1470 gals w/ Techna Hib & to cross link
6762 gals of pad
4625 gals w/ 1-5 ppg of 20/40 sand
9250 gals w/ 5-8 ppg of 20/40 sand
1413 gals w/ 8 ppg of 20/40 sand
Flush w/ 3990 gals of slick water

COSTS

Weatherford Services
C-D Trkg frac water
NPC fuel gas
BJ Services GB4 sds
Perforators GB4 sds
C-D trkg water transfer

Max TP: 1857 Max Rate: 25 Total fluid pmpd: 655 bbls
 Avg TP: 1625 Avg Rate: 24.8 Total Prop pmpd: 84,076#'s
 ISIP: 1836 5 min: _____ 10 min: _____ FG: .88

Completion Supervisor: Ron Shuck

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

NEWFIELD



ATTACHMENT G-1

70f9

DAILY COMPLETION REPORT

WELL NAME: Federal 3-19-9-16 **Report Date:** 10/10/2007 **Day:** 3
Operation: Completion **Rig:** Western #4

WELL STATUS

Surf Csg: 8-5/8' @ 324' **Prod Csg:** 5-1/2" @ 5945' **Csg PBDT:** 5873' WL
Tbg: **Size:** 2-7/8" **Wt:** 6.5# **Grd:** J-55 **Pkr/EOT @:** 4700' **BP/Sand PBDT:** 4910'
Plug 5080'

PERFORATION RECORD

| Zone | Perfs | SPF/#shots | Zone | Perfs | SPF/#shots |
|----------|------------|------------|------|-------|------------|
| GB4 sds | 4082-4098' | 4/64 | | | |
| D1 sds | 4594-4603' | 4/36 | | | |
| B.5 sds | 4823-4831' | 4/32 | | | |
| A1 sds | 4975-4982' | 4/28 | | | |
| LODC sds | 5228-5240' | 4/48 | | | |

CHRONOLOGICAL OPERATIONS

Date Work Performed: 10/9/2007 **SITP:** _____ **SICP:** 450

MIRUSU. Open well w/ 450 psi on casing. RD Cameron BOP's & 5K frac head. Instal 3K production tbg head & Schaefer BOP's. PU 4-3/4" Chomp bit (used) & bit sub. Tally & pickup new J-55, 2-7/8" 6.5# tbg off racks & TIH w. 134 jts to tag sand @ 4136'. RU pump/tank & swivel. C/O to plug @ 4200'. Drlg out plug #1. TIH w/ tbg to tag sanc @ 4692'. C/O to plug @ 4700'. Drlg out plug #2. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2200 **Starting oil rec to date:** _____
Fluid lost/recovered today: 10 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1990 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

TUBING DETAIL

ROD DETAIL

COSTS

| | | |
|----------------------------|---------------------------|----------------------|
| KB 12.00' | 1 1/2" X 22' polished rod | Western Rig |
| 135 2 7/8 J-55 tbg (4700') | X 3/4" ponies | Weatherford BOP's |
| TA (2.80' @ KB) | 3/4" scraped rods | B&L - new J-55 tbg |
| 2 7/8 J-55 tbg (') | 3/4" plain rods | NDSI trucking |
| SN (1.10' @ ' KB) | 3/4" scraped rods | NPC trucking |
| 2 7/8 J-55 tbg (') | 1 1/2" weight rods | NDSI wtr & trkg |
| 2 7/8 NC (.45') | CDI 2 1/2' X 1 1/2" X 15' | Unichem chemical |
| EOT W/ 12' KB | RHAC pump W/ SM plunger | Monks pit reclaim |
| | | NPC srf equipment |
| | | Boren welding/labor |
| | | NDSI wtr disposal |
| | | NPC location cleanup |
| | | NPC Supervisor |

Completion Supervisor: Ron Shuck

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

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4032'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 172' balance plug using 20 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 374'

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

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



| | | | |
|----------------|----------|--------------|-----------|
| Invoice Number | 32047 | Invoice Date | 6/26/2012 |
| Invoice Amount | \$176.25 | Due Date | 7/26/2012 |
| Advertiser No. | 2080 | | |

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

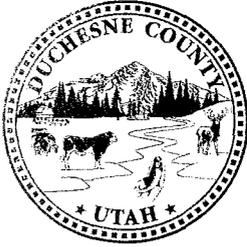
| Uintah Basin Standard | | DIVISION OF OIL GAS & MINING | | Invoice No. 32047 | 6/26/2012 | |
|-----------------------|-----------|---|---------|-----------------------|-----------|-----------------|
| Date | Order | Description | Ad Size | SubTotal | Sales Tax | Amount |
| 6/26/2012 | 16065 UBS | UBS 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!



*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

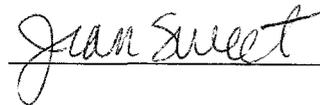
Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

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 |
| EMail | earlenerussell@utah.gov | Jean | mfultz |

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

Confirmation Notes:
 Text: Jean

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

| | | |
|---------------------------|---------------------------|---------------------------------|
| <u>Product</u> | <u>Placement</u> | <u>Position</u> |
| Salt Lake Tribune:: | Legal Liner Notice - 0998 | Public Meeting/Hear-ing Notices |
| Scheduled Date(s): | 06/26/2012 | |
| <u>Product</u> | <u>Placement</u> | <u>Position</u> |
| Deseret News:: | Legal Liner Notice - 0998 | Public Meeting/Hear-ing Notices |
| Scheduled Date(s): | 06/26/2012 | |
| <u>Product</u> | <u>Placement</u> | <u>Position</u> |
| sltrib.com:: | Legal Liner Notice - 0998 | Public Meeting/Hear-ing Notices |
| Scheduled Date(s): | 06/26/2012 | |
| <u>Product</u> | <u>Placement</u> | <u>Position</u> |
| 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 #000802910-01

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.

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Federal 15-8-9-16 well located in SW/4 SE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33060
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API 43-013-32916
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API 43-013-33050
Coates Fed 1 well located in SE/4 SW/4, Section 11, Township 9 South, Range 16 East
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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 Greer River Formation will be used for water injection. The maximum requested injector 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 intervenors 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
802910

UPAXLP

06/22/2012 9:06:58AM

FEDERAL 3-19-9-16

Spud Date: 09/12/07
 Put on Production: 10/11/07
 GL: 6131' KB: 6143'

Initial Production: BOPD,
 MCFD, BWPD

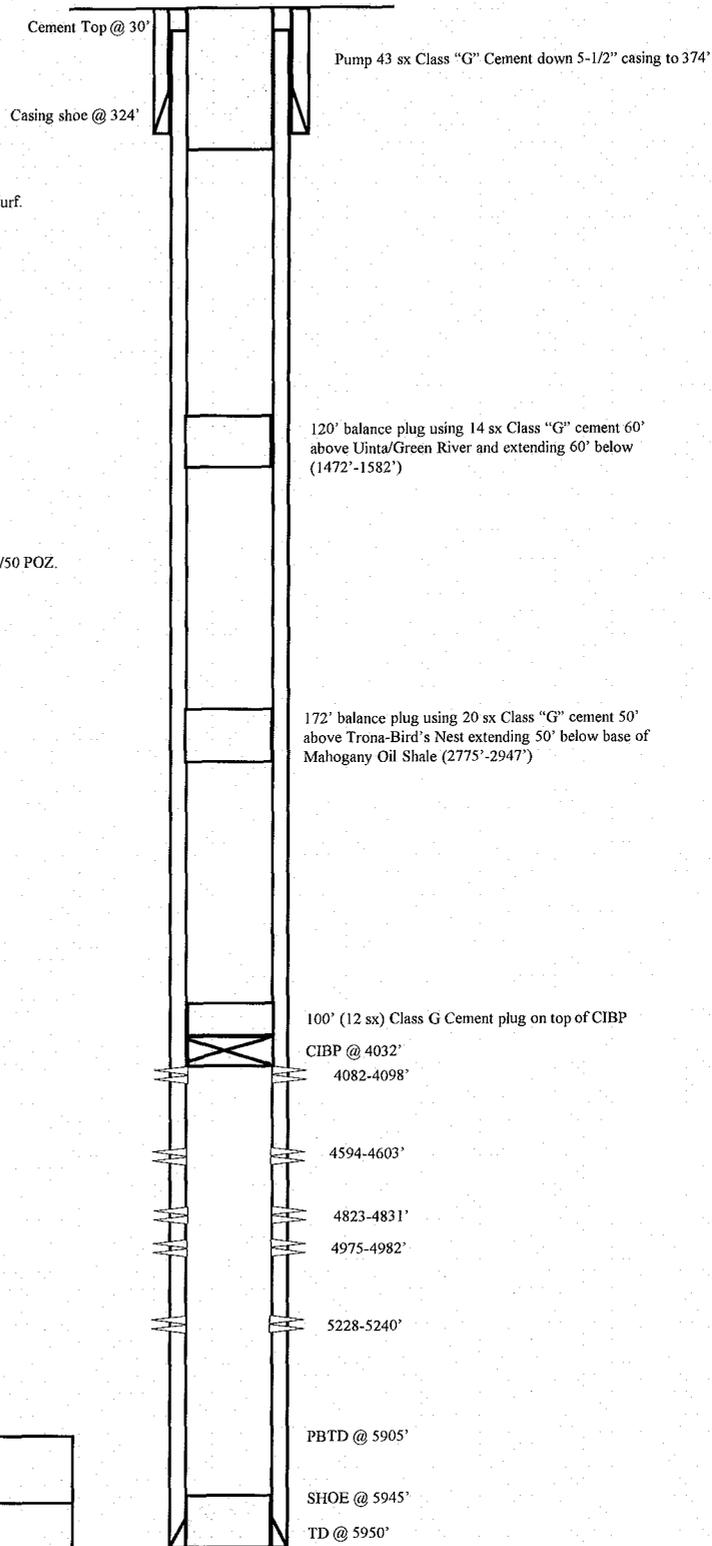
Proposed P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.15')
 DEPTH LANDED: 324.27' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 153 jts. (5897.02')
 DEPTH LANDED: 5945.27' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 440 sxs 50/50 POZ.
 CEMENT TOP: 30'



| |
|--|
|  |
| FEDERAL 3-19-9-16 699' FNL & 1802' FWL NE/NW Section 19-T9S-R16E Duchesne Co, Utah API #43-013-33064; Lease # UTU-64379 |



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

August 7, 2012

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

Subject: Greater Monument Butte Unit Well: Federal 3-19-9-16, Section 19, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33064

Gentlemen:

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

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 3,907 feet in the Federal 3-19-9-16 well.

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

Sincerely,

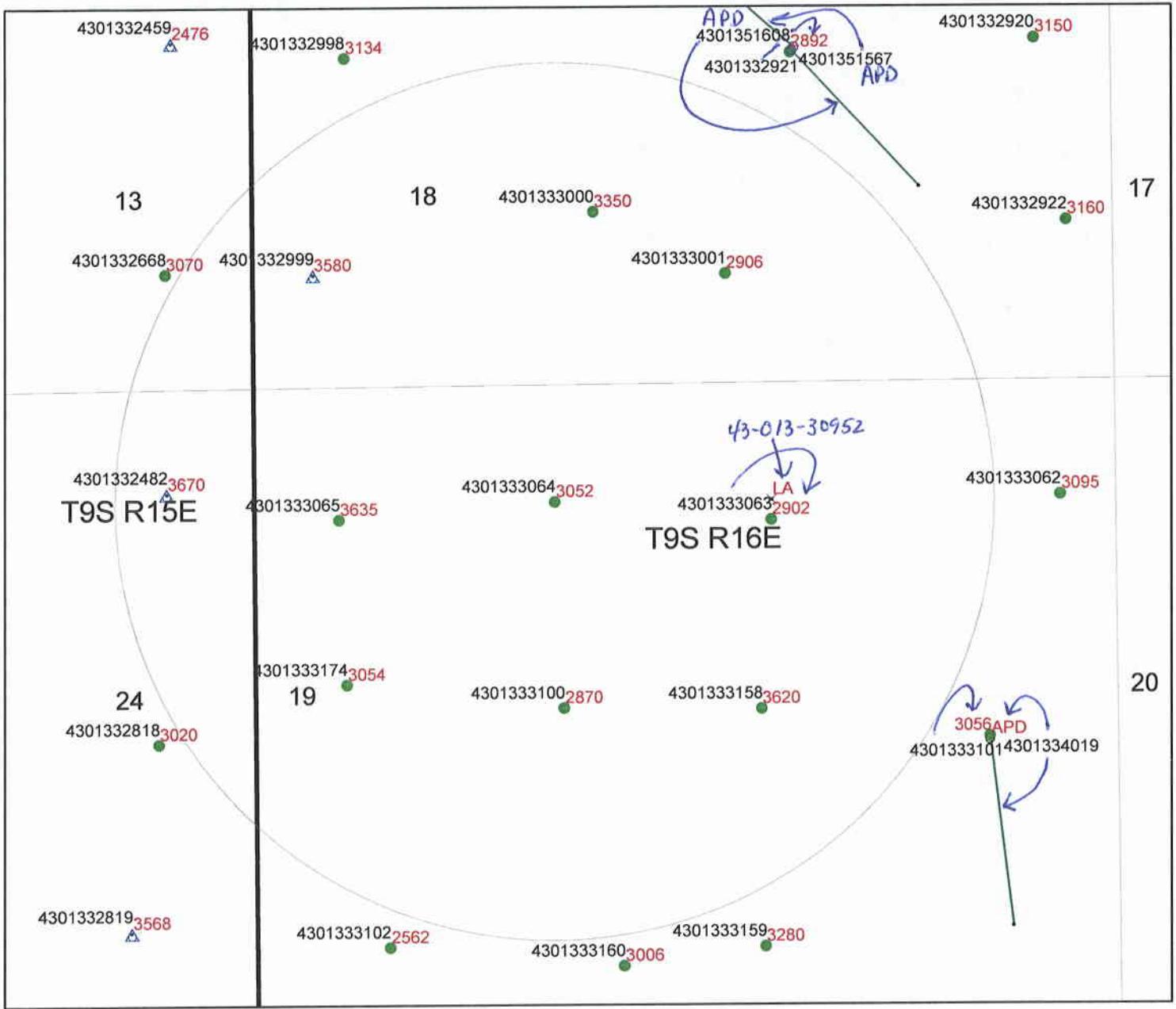
John Rogers
Associate Director

JR/MLR/js

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

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

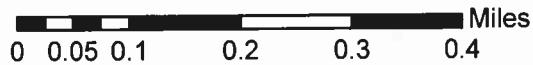




Cement Bond Tops
 FEDERAL 3-19-9-16
 API #43-013-33064
 UIC 395.12

Legend

- | | |
|--|---|
| Buffer_of_SGID93_ENERGY_DNROilGasWells_147 | PGW |
| SGID93_ENERGY_DNROilGasWells | POW |
| SGID93_ENERGY_DNROilGasWells | RET |
| GIS_STAT_TYPE | SGW |
| APD | SOW |
| DRL | TA |
| GIW | TW |
| GSW | WDW |
| LA | WW |
| LOC | WSW |
| OPS | SGID93 BOUNDARIES Counties |
| PA | • SGID93_ENERGY_DNROilGasWells_HDBottom |
| | — SGID93_ENERGY_DNROilGasWells_HDPath |
| | • Wells-CbltopsMaster07_06_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 3-19-9-16

Location: 19/9S/16E **API:** 43-013-33064

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

Well Integrity: The proposed well has surface casing set at 324 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,945 feet. A cement bond log demonstrates adequate bond in this well up to about 3,052 feet. A 2 7/8 inch tubing with a packer will be set at 4,032 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 8 producing wells and 2 new injection wells in the AOR. All of the 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 2300 feet. Injection shall be limited to the interval between 3,907 feet and 5,905 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 3-19-9-16 well is 0.88 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,809 psig. The requested maximum pressure is 1,809 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 3-19-9-16

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: 8/3/2012

| | |
|--|--|
| 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 3-19-9-16 |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | 9. API NUMBER: 43013330640000 |
| 3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052 | PHONE NUMBER: 435 646-4825 Ext |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0699 FNL 1802 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 19 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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/12/2012 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION 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 10/09/2012. New intervals perforated, D2 sands - 4637-4640' 3 JSPF & GB6 sands - 4117-4120' 3 JSPF. On 10/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/12/2012 the casing was pressured up to 1370 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an State representative available to witness the test.

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

Date: October 29, 2012
By:

| | | |
|--|------------------------------|------------------------------------|
| NAME (PLEASE PRINT) Lucy Chavez-Naupoto | PHONE NUMBER 435 646-4874 | TITLE Water Services Technician |
| SIGNATURE N/A | DATE 10/23/2012 | |

Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: _____ Date 10/12/12 Time 9:00 am pm
Test Conducted by: Michael Jensen
Others Present: Curtis Murphy

| | |
|---|--------------------------------------|
| Well: <u>Federal 3-19-9-16</u> | Field: <u>Greater Monument Butte</u> |
| Well Location: <u>Federal 3-19-9-16</u> | API No: <u>4301333064</u> |

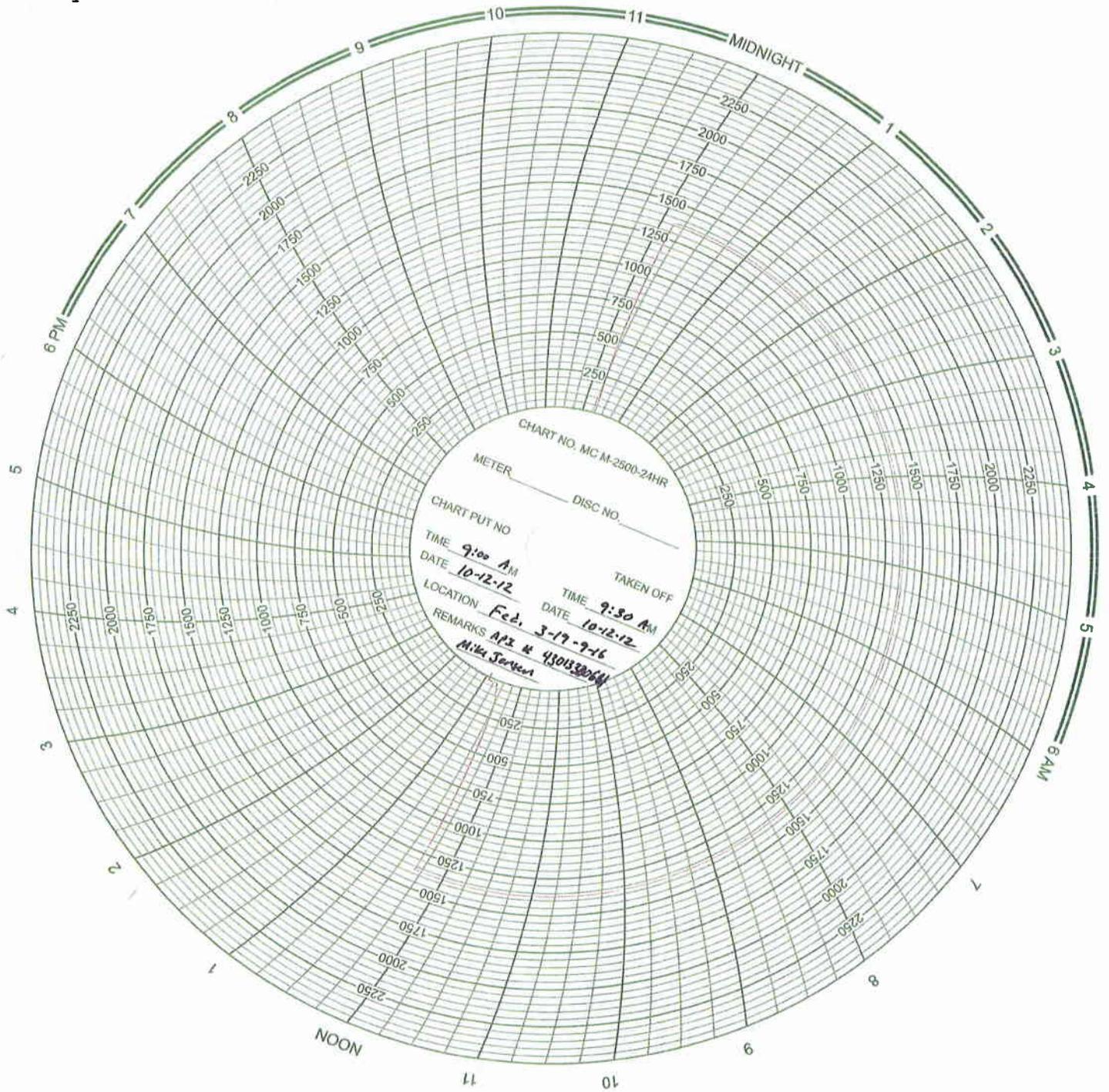
| <u>Time</u> | <u>Casing Pressure</u> | |
|-------------|------------------------|------|
| 0 min | <u>1370</u> | psig |
| 5 | <u>1370</u> | psig |
| 10 | <u>1370</u> | psig |
| 15 | <u>1370</u> | psig |
| 20 | <u>1370</u> | psig |
| 25 | <u>1370</u> | psig |
| 30 min | <u>1370</u> | psig |
| 35 | _____ | psig |
| 40 | _____ | psig |
| 45 | _____ | psig |
| 50 | _____ | psig |
| 55 | _____ | psig |
| 60 min | _____ | psig |

Tubing pressure: 0 psig

Result: Pass Fail

Signature of Witness: _____
Signature of Person Conducting Test: Michael Jensen
Curtis Murphy

Sundry Number: 31292 API Well Number: 43013330640000



Daily Activity Report

Format For Sundry
FEDERAL 3-19-9-16
8/1/2012 To 12/30/2012

10/4/2012 Day: 3

Conversion

Stone #7 on 10/4/2012 - Break dwn. Perfs - RELEASE PKR. RETRIEVE PLUG. TIH W/ 17 JTS TBG. SET RBP @ 4680. L/D 3 JTS TBG. P/U 24' OF SUBS & FRAC VALVE. SWIFN - RELEASE PKR. RETRIEVE PLUG. TIH W/ 17 JTS TBG. SET RBP @ 4680. L/D 3 JTS TBG. P/U 24' OF SUBS & FRAC VALVE. SWIFN - RELEASE PKR. RETRIEVE PLUG. TIH W/ 17 JTS TBG. SET RBP @ 4680. L/D 3 JTS TBG. P/U 24' OF SUBS & FRAC VALVE. SWIFN - RELEASE PKR. RETRIEVE PLUG. TIH W/ 17 JTS TBG. SET RBP @ 4155. L/D 3 JTS TBG. P/U 20' OF SUBS. PUMP 5 BBLs ACID DISPLACE W/ 20 BBLs. SET PKR @ 4108. PUMP 10 BBLs @ 1500 PSI. - RELEASE PKR. RETRIEVE PLUG. POOH W/ 17 JTS TBG. SET RBP @ 4155. L/D 3 JTS TBG. P/U 20' OF SUBS. PUMP 5 BBLs ACID DISPLACE W/ 20 BBLs. SET PKR @ 4108. PUMP 10 BBLs @ 1500 PSI. - RELEASE PKR. RETRIEVE PLUG. POOH W/ 17 JTS TBG. SET RBP @ 4155. L/D 3 JTS TBG. P/U 20' OF SUBS. PUMP 5 BBLs ACID DISPLACE W/ 20 BBLs. SET PKR @ 4108. PUMP 10 BBLs @ 1500 PSI. - RELEASE PKR. RETRIEVE PLUG. POOH W/ 17 JTS TBG. SET RBP @ 4155. L/D 3 JTS TBG. P/U 20' OF SUBS. PUMP 5 BBLs ACID DISPLACE W/ 20 BBLs. SET PKR @ 4108. PUMP 10 BBLs @ 1500 PSI. - RELEASE PKR. P/U 2 JTS TBG & RETRIEVE PLUG. TIH W/ 17 JTS TBG. SET RBP @ 4700'. L/D 3 JTS TBG. P/U 24' OF SUBS. SET PKR @ 4613. PUMP 11 BBLs TO FILL TBG. PUMP INTO FORMATION @ 1.5 BPM 300 PSI. - RELEASE PKR. P/U 2 JTS TBG & RETRIEVE PLUG. TIH W/ 17 JTS TBG. SET RBP @ 4700'. L/D 3 JTS TBG. P/U 24' OF SUBS. SET PKR @ 4613. PUMP 11 BBLs TO FILL TBG. PUMP INTO FORMATION @ 1.5 BPM 300 PSI. - RELEASE PKR. P/U 2 JTS TBG & RETRIEVE PLUG. TIH W/ 17 JTS TBG. SET RBP @ 4700'. L/D 3 JTS TBG. P/U 24' OF SUBS. SET PKR @ 4613. PUMP 11 BBLs TO FILL TBG. PUMP INTO FORMATION @ 1.5 BPM 300 PSI. - W/O HOT OILER PUMP DWN TBG W/ HOT OILER PRESSURE UP TO 5000 PSI. - W/O HOT OILER PUMP DWN TBG W/ HOT OILER PRESSURE UP TO 5000 PSI. - R/U PUMP & HARD LINES. FILL TBG W/ 11 BBLs. PRESSURE UP ON TBG TO 3500 PSI. - R/U PUMP & HARD LINES. FILL TBG W/ 11 BBLs. PRESSURE UP ON TBG TO 3500 PSI. - R/U PUMP & HARD LINES. FILL TBG W/ 11 BBLs. PRESSURE UP ON TBG TO 3500 PSI. - 20 PSI ON CSG & TBG BLEED OFF. PULL 17 JTS TBG & SET RBP @ 4155. L/D 2 JTS TBG & SET PKR @ 4108. - 20 PSI ON CSG & TBG BLEED OFF. PULL 17 JTS TBG & SET RBP @ 4155. L/D 2 JTS TBG & SET PKR @ 4108. - 20 PSI ON CSG & TBG BLEED OFF. PULL 17 JTS TBG & SET RBP @ 4155. L/D 2 JTS TBG & SET PKR @ 4108. - P/U RBP, RET TOOL, 4' PUP JT, PKR, 1 JT TBG, SN, & 148 JTS TBG. EOT @ 4704'. SWIFN. - P/U RBP, RET TOOL, 4' PUP JT, PKR, 1 JT TBG, SN, & 148 JTS TBG. EOT @ 4704'. SWIFN. - P/U RBP, RET TOOL, 4' PUP JT, PKR, 1 JT TBG, SN, & 148 JTS TBG. EOT @ 4704'. SWIFN. - R/U WIRELINE. PERF F/ 4637 TO 4640 3 SPF. PERF F/ 4117 TO 4120 3 SPF. R/D WIRELINE. - R/U WIRELINE. PERF F/ 4637 TO 4640 3 SPF. PERF F/ 4117 TO 4120 3 SPF. R/D WIRELINE. - R/U WIRELINE. PERF F/ 4637 TO 4640 3 SPF. PERF F/ 4117 TO 4120 3 SPF. R/D WIRELINE. - POOH W/ 170 JTS TBG, SCRAPER, & BIT. - POOH W/ 170 JTS TBG, SCRAPER, & BIT. - POOH W/ 170 JTS TBG, SCRAPER, & BIT. - 0 PSI ON WELL. TIH W/ 110 JTS TBG TO 5255 - 0 PSI ON WELL. TIH W/ 110 JTS TBG TO 5255 - 0 PSI ON WELL. TIH W/ 110 JTS TBG TO 5255 - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - TIH W/ 4 3/4" BIT, 5 1/2" SCRAPER, & 60 JTS TBG. EOT @ 1860 SWIFN. - TIH W/ 4 3/4" BIT, 5 1/2" SCRAPER, & 60 JTS TBG. EOT @ 1860 SWIFN. - TIH W/ 4 3/4" BIT, 5 1/2" SCRAPER, & 60 JTS TBG. EOT @ 1860 SWIFN. - POOH W/ 168 JTS TBG, TAC, 1 JT TBG, SN, 2 JTS TBG, & NC. HOLE IN TBG JT #164 - POOH W/ 168 JTS TBG, TAC, 1 JT TBG, SN, 2 JTS TBG, & NC. HOLE IN TBG JT #164 - POOH W/ 168 JTS TBG, TAC, 1 JT TBG, SN, 2 JTS TBG, & NC. HOLE IN TBG JT #164 - X-OVER TO TBG. R/D WELLHEAD. RELEASE TAC. N/U BOP. R/U FLOOR. - X-OVER TO TBG. R/D WELLHEAD. RELEASE TAC. N/U BOP. R/U FLOOR. - X-OVER TO TBG. R/D WELLHEAD. RELEASE TAC. N/U BOP. R/U FLOOR. - L/D 100 4PER 3/4" RODS, 82

SLK 3/4" RODS, 20 4PER 3/4" RODS, 6 WT BARS, & PUMP. W/ 20 BBL ROD FLUSH. - L/D 100 4PER 3/4" RODS, 82 SLK 3/4" RODS, 20 4PER 3/4" RODS, 6 WT BARS, & PUMP. W/ 20 BBL ROD FLUSH. - L/D 100 4PER 3/4" RODS, 82 SLK 3/4" RODS, 20 4PER 3/4" RODS, 6 WT BARS, & PUMP. W/ 20 BBL ROD FLUSH. - MIRU HO to pump 70 BW dwn csg. Pull 4K over to unseat pump. LD polish rod and ponies. Flush rods w/40 BW. Soft seat the pump and pump 5 Bbls to fill tbg. Blew a hole in tbg @ 2500 psi. - MIRU HO to pump 70 BW dwn csg. Pull 4K over to unseat pump. LD polish rod and ponies. Flush rods w/40 BW. Soft seat the pump and pump 5 Bbls to fill tbg. Blew a hole in tbg @ 2500 psi. - MIRU HO to pump 70 BW dwn csg. Pull 4K over to unseat pump. LD polish rod and ponies. Flush rods w/40 BW. Soft seat the pump and pump 5 Bbls to fill tbg. Blew a hole in tbg @ 2500 psi. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - RELEASE PKR. RETRIEVE PLUG. TIH W/ 17 JTS TBG. SET RBP @ 4680. L/D 3 JTS TBG. P/U 24' OF SUBS & FRAC VALVE. SWIFN - RELEASE PKR. RETRIEVE PLUG. TIH W/ 17 JTS TBG. SET RBP @ 4680. L/D 3 JTS TBG. P/U 24' OF SUBS & FRAC VALVE. SWIFN - RELEASE PKR. RETRIEVE PLUG. TIH W/ 17 JTS TBG. SET RBP @ 4680. L/D 3 JTS TBG. P/U 24' OF SUBS & FRAC VALVE. SWIFN - RELEASE PKR. RETRIEVE PLUG. TIH W/ 17 JTS TBG. SET RBP @ 4680. L/D 3 JTS TBG. P/U 24' OF SUBS & FRAC VALVE. SWIFN - RELEASE PKR. RETRIEVE PLUG. POOH W/ 17 JTS TBG. SET RBP @ 4155. L/D 3 JTS TBG. P/U 20' OF SUBS. PUMP 5 BBLs ACID DISPLACE W/ 20 BBLs. SET PKR @ 4108. PUMP 10 BBLs @ 1500 PSI. - RELEASE PKR. RETRIEVE PLUG. POOH W/ 17 JTS TBG. SET RBP @ 4155. L/D 3 JTS TBG. P/U 20' OF SUBS. PUMP 5 BBLs ACID DISPLACE W/ 20 BBLs. SET PKR @ 4108. PUMP 10 BBLs @ 1500 PSI. - RELEASE PKR. RETRIEVE PLUG. POOH W/ 17 JTS TBG. SET RBP @ 4155. L/D 3 JTS TBG. P/U 20' OF SUBS. PUMP 5 BBLs ACID DISPLACE W/ 20 BBLs. SET PKR @ 4108. PUMP 10 BBLs @ 1500 PSI. - RELEASE PKR. P/U 2 JTS TBG & RETRIEVE PLUG. TIH W/ 17 JTS TBG. SET RBP @ 4700'. L/D 3 JTS TBG. P/U 24' OF SUBS. SET PKR @ 4613. PUMP 11 BBLs TO FILL TBG. PUMP INTO FORMATION @ 1.5 BPM 300 PSI. - RELEASE PKR. P/U 2 JTS TBG & RETRIEVE PLUG. TIH W/ 17 JTS TBG. SET RBP @ 4700'. L/D 3 JTS TBG. P/U 24' OF SUBS. SET PKR @ 4613. PUMP 11 BBLs TO FILL TBG. PUMP INTO FORMATION @ 1.5 BPM 300 PSI. - W/O HOT OILER PUMP DWN TBG W/ HOT OILER PRESSURE UP TO 5000 PSI. - W/O HOT OILER PUMP DWN TBG W/ HOT OILER PRESSURE UP TO 5000 PSI. - W/O HOT OILER PUMP DWN TBG W/ HOT OILER PRESSURE UP TO 5000 PSI. - R/U PUMP & HARD LINES. FILL TBG W/ 11 BBLs. PRESSURE UP ON TBG TO 3500 PSI. - R/U PUMP & HARD LINES. FILL TBG W/ 11 BBLs. PRESSURE UP ON TBG TO 3500 PSI. - R/U PUMP & HARD LINES. FILL TBG W/ 11 BBLs. PRESSURE UP ON TBG TO 3500 PSI. - 20 PSI ON CSG & TBG BLEED OFF. PULL 17 JTS TBG & SET RBP @ 4155. L/D 2 JTS TBG & SET PKR @ 4108. - 20 PSI ON CSG & TBG BLEED OFF. PULL 17 JTS TBG & SET RBP @ 4155. L/D 2 JTS TBG & SET PKR @ 4108. - 20 PSI ON CSG & TBG BLEED OFF. PULL 17 JTS TBG & SET RBP @ 4155. L/D 2 JTS TBG & SET PKR @ 4108. - P/U RBP, RET TOOL, 4' PUP JT, PKR, 1 JT TBG, SN, & 148 JTS TBG. EOT @ 4704'. SWIFN. - P/U RBP, RET TOOL, 4' PUP JT, PKR, 1 JT TBG, SN, & 148 JTS TBG. EOT @ 4704'. SWIFN. - P/U RBP, RET TOOL, 4' PUP JT, PKR, 1 JT TBG, SN, & 148 JTS TBG. EOT @ 4704'. SWIFN. - R/U WIRELINE. PERF F/ 4637 TO 4640 3 SPF. PERF F/ 4117 TO 4120 3 SPF. R/D WIRELINE. - R/U WIRELINE. PERF F/ 4637 TO 4640 3 SPF. PERF F/ 4117 TO 4120 3 SPF. R/D WIRELINE. - R/U WIRELINE. PERF F/ 4637 TO 4640 3 SPF. PERF F/ 4117 TO 4120 3 SPF. R/D WIRELINE. - POOH W/ 170 JTS TBG, SCRAPER, & BIT. - POOH W/ 170 JTS TBG, SCRAPER, & BIT. - 0 PSI ON WELL. TIH W/ 110 JTS TBG TO 5255 - 0 PSI ON WELL. TIH W/ 110 JTS TBG TO 5255 - 0 PSI ON WELL. TIH W/ 110 JTS TBG TO 5255 - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - TIH W/ 4 3/4" BIT, 5 1/2" SCRAPER, & 60 JTS TBG. EOT @ 1860 SWIFN. - TIH W/ 4 3/4" BIT, 5 1/2" SCRAPER, & 60 JTS TBG. EOT @ 1860 SWIFN. - TIH W/ 4 3/4" BIT, 5 1/2" SCRAPER, & 60 JTS TBG. EOT @ 1860 SWIFN. - POOH W/ 168 JTS TBG, TAC, 1 JT TBG, SN, 2

JTS TBG, & NC. HOLE IN TBG JT #164 - POOH W/ 168 JTS TBG, TAC, 1 JT TBG, SN, 2 JTS TBG, & NC. HOLE IN TBG JT #164 - POOH W/ 168 JTS TBG, TAC, 1 JT TBG, SN, 2 JTS TBG, & NC. HOLE IN TBG JT #164 - X-OVER TO TBG. R/D WELLHEAD. RELEASE TAC. N/U BOP. R/U FLOOR. - X-OVER TO TBG. R/D WELLHEAD. RELEASE TAC. N/U BOP. R/U FLOOR. - X-OVER TO TBG. R/D WELLHEAD. RELEASE TAC. N/U BOP. R/U FLOOR. - L/D 100 4PER 3/4" RODS, 82 SLK 3/4" RODS, 20 4PER 3/4" RODS, 6 WT BARS, & PUMP. W/ 20 BBL ROD FLUSH. - L/D 100 4PER 3/4" RODS, 82 SLK 3/4" RODS, 20 4PER 3/4" RODS, 6 WT BARS, & PUMP. W/ 20 BBL ROD FLUSH. - L/D 100 4PER 3/4" RODS, 82 SLK 3/4" RODS, 20 4PER 3/4" RODS, 6 WT BARS, & PUMP. W/ 20 BBL ROD FLUSH. - MIRU HO to pump 70 BW dwn csg. Pull 4K over to unseat pump. LD polish rod and ponies. Flush rods w/40 BW. Soft seat the pump and pump 5 Bbls to fill tbg. Blew a hole in tbg @ 2500 psi. - MIRU HO to pump 70 BW dwn csg. Pull 4K over to unseat pump. LD polish rod and ponies. Flush rods w/40 BW. Soft seat the pump and pump 5 Bbls to fill tbg. Blew a hole in tbg @ 2500 psi. - MIRU HO to pump 70 BW dwn csg. Pull 4K over to unseat pump. LD polish rod and ponies. Flush rods w/40 BW. Soft seat the pump and pump 5 Bbls to fill tbg. Blew a hole in tbg @ 2500 psi. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$28,176

10/5/2012 Day: 4

Conversion

Stone #7 on 10/5/2012 - Frac Stg 1-2. FB well. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - SET PKR @ 4613. R/U BAKER HUGHES - PUMP 155 BBLs DWN TBG. COMMUNICATING W/ BACKSIDE. BLEED OFF WELL. RELEASE PKR. L/D 24' OF SUBS. P/U 2 JTS TBG. SET PKR @ 4655. PRESSURE TEST PKR & RBP @ 1500 PSI. RELEASE PKR. L/D 1 JT TBG. SET PKR @ 4627. PUMP 70 BBLs DWN TBG. COMMUNICATING W/ BACKSIDE. RELEASE PKR. L/D 2 JTS TBG. SET PKR @ 4564. - Have to RD BH. Pump #1 lost the transmission. Waiting on another one from Vernal, UT yard. Also, bring out 12 bbls of HCL. Finish pumping bull headed HCL away. - Waiting on BH. - FRAC PERFS F/ 4594 TO 4640. - 15 MIN SIP 1300 PSI. FLOW BACK 37 BBLs IN 30 MIN. RELEASE PKR. P/U 2 JTS TBG & TAG 4625. CLEAN OUT 50' OF SAND OFF PLUG. CIRC HOLE CLEAN. RETRIEVE PLUG. - POOH W/ 17 JTS TBG & SET RBP @ 4155. L/D 2 JTS TBG. P/U 20' OF SUBS & FRAC VALVE. SET PKR @ 4108. - PUMP DWN TBG COMMUNICATING W/ BACKSIDE. Tried to consult engineering. RELEASE PKR. L/D SUBS & 1 JT TBG. SET PKR @ 4063'. - FRAC PERFS F/ 4082 TO 4120. 15 MIN SIP 1400 PSI FLOW WELL BACK W/ 20 CHOKE. - FB 30 bbls w/ 20 choke @ 30 min. Install 16 choke and FB 5 more bbls then well died. SWIFN. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - SET PKR @ 4613. R/U BAKER HUGHES - PUMP 155 BBLs DWN TBG. COMMUNICATING W/ BACKSIDE. BLEED OFF WELL. RELEASE PKR. L/D 24' OF SUBS. P/U 2 JTS TBG. SET PKR @ 4655. PRESSURE TEST PKR & RBP @ 1500 PSI. RELEASE PKR. L/D 1 JT TBG. SET PKR @ 4627. PUMP 70 BBLs DWN TBG. COMMUNICATING W/ BACKSIDE. RELEASE PKR. L/D 2 JTS TBG. SET PKR @ 4564. - Have to RD BH. Pump #1 lost the transmission. Waiting on another one from Vernal, UT yard. Also, bring out 12 bbls of HCL. Finish pumping bull headed HCL away. - Waiting on BH. - FRAC PERFS F/ 4594 TO 4640. - 15 MIN SIP 1300 PSI. FLOW BACK 37 BBLs IN 30 MIN. RELEASE PKR. P/U 2 JTS TBG & TAG 4625. CLEAN OUT 50' OF SAND OFF PLUG. CIRC HOLE CLEAN. RETRIEVE PLUG. - POOH W/ 17 JTS TBG & SET RBP @ 4155. L/D 2 JTS TBG. P/U 20' OF SUBS & FRAC VALVE. SET PKR @ 4108. - PUMP DWN TBG COMMUNICATING W/ BACKSIDE. Tried to consult engineering. RELEASE PKR. L/D SUBS & 1 JT TBG. SET PKR @ 4063'. - FRAC PERFS F/ 4082 TO 4120. 15 MIN SIP 1400 PSI FLOW WELL BACK W/ 20 CHOKE. - FB 30 bbls w/ 20 choke @ 30 min. Install 16 choke and FB 5 more bbls then well died. SWIFN. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$108,918

10/9/2012 Day: 5

Conversion

Stone #7 on 10/9/2012 - POOH w/ frac string. RBIH w/ injection string. - TIH W/ 21 STANDS 2 7/8" J55 TBG. L/D 42 JTS J55 TBG. - L/D 131 JTS TBG, SN, 1 JT TBG, PKR, & RBP. TIH W/ 8 STANDS TBG. L/D 16 JTS TBG. - WELL ON VAC. R/U PUMP & HARD LINES. RELEASE PKR. P/U 3 JTS TBG & TAG @ 4145. CLEAN OUT 10' OF SAND TO RBP. RETRIEVE PLUG. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - TIH W/ 2 3/8" RE ENTRY GUIDE , 2 3/8" XN, 4' PUP 2 3/8", X-O 2 3/8"X2 7/8", 5 1/2" PKR, 2 7/8" SEAL NIPPLE, ON OFF TOOL, 2 7/8" SN, & 129 JTS 2 7/8" J55 TBG. - L/D 131 JTS TBG, SN, 1 JT TBG, PKR, & RBP. TIH W/ 8 STANDS TBG. L/D 16 JTS TBG. - TIH W/ 21 STANDS 2 7/8" J55 TBG. L/D 42 JTS J55 TBG. - TIH W/ 2 3/8" RE ENTRY GUIDE , 2 3/8" XN, 4' PUP 2 3/8", X-O 2 3/8"X2 7/8", 5 1/2" PKR, 2 7/8" SEAL NIPPLE, ON OFF TOOL, 2 7/8" SN, & 129 JTS 2 7/8" J55 TBG. - DROP SV. PRESSURE TEST TBG. 1ST TEST LOST 250PSI IN 30 MIN. 2ND TEST HELD 3000 PSI FOR 30 MIN. BLEED OFF TBG. SWIFN. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - DROP SV. PRESSURE TEST TBG. 1ST TEST LOST 250PSI IN 30 MIN. 2ND TEST HELD 3000 PSI FOR 30 MIN. BLEED OFF TBG. SWIFN. - WELL ON VAC. R/U PUMP & HARD LINES. RELEASE PKR. P/U 3 JTS TBG & TAG @ 4145. CLEAN OUT 10' OF SAND TO RBP. RETRIEVE PLUG. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$118,597

10/10/2012 Day: 6

Conversion

Stone #7 on 10/10/2012 - Retrieve SD. Pump pkr fluid, and set pkr. Land tbg and RDMOWOR. - PUMP 50 BBLS W/ PKR FLUID DWN CSG - R/D FLOOR. N/D BOB. LAND TBG ON FLANGE - 0 PSI ON WELL. R/U SL. RETRIEVE SV. R/D SL. WASH WORK FLOOR W/ HOT OILER. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - PUMP 15 BBLS DWN CSG TO FILL. PRESSURE UP ON CSG TO 1400 PSI. WELLHEAD LEAK. BLEED OFF. M/U WELLHEAD TO CSG. PRESSURE TEST CSG @ 1400 PSI FOR 30 MIN. - R/D PUMP & HARD LINES. RDMOWOR. - SET PKR @ 3999. L/D 6' SUB. LAND BONNET ON WELLHEAD W/ TBG IN 15K TENSION. N/U WELLHEAD. - R/D PUMP & HARD LINES. RDMOWOR. - Safety Meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. - 0 PSI ON WELL. R/U SL. RETRIEVE SV. R/D SL. WASH WORK FLOOR W/ HOT OILER. - R/D FLOOR. N/D BOB. LAND TBG ON FLANGE - PUMP 50 BBLS W/ PKR FLUID DWN CSG - SET PKR @ 3999. L/D 6' SUB. LAND BONNET ON WELLHEAD W/ TBG IN 15K TENSION. N/U WELLHEAD. - PUMP 15 BBLS DWN CSG TO FILL. PRESSURE UP ON CSG TO 1400 PSI. WELLHEAD LEAK. BLEED OFF. M/U WELLHEAD TO CSG. PRESSURE TEST CSG @ 1400 PSI FOR 30 MIN.

Daily Cost: \$0

Cumulative Cost: \$178,779

10/15/2012 Day: 7

Conversion

Rigless on 10/15/2012 - Conduct initial MIT - On 10/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/12/2012 the casing was pressured up to 1370 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 10/10/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/12/2012 the casing was pressured up to 1370 psig and charted for 30

minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

Finalized

Daily Cost: \$0

Cumulative Cost: \$215,613

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 Water Injection Well | 8. WELL NAME and NUMBER: FEDERAL 3-19-9-16 |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | 9. API NUMBER: 43013330640000 |
| 3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052 | PHONE NUMBER: 435 646-4825 Ext |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0699 FNL 1802 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 19 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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/27/2012 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION 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 11:45 AM on 11/27/2012.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
November 30, 2012**

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

FEDERAL 3-19-9-16

Spud Date: 09/12/07
 Put on Production: 10/11/07
 GL: 6131' KB: 6143'

Injection Wellbore Diagram

SURFACE CASING

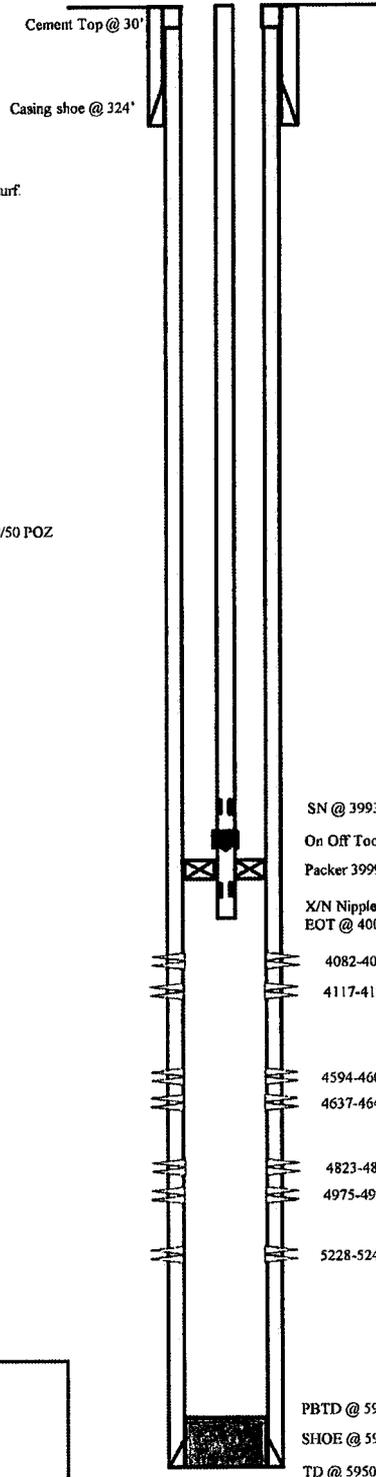
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (312.15')
 DEPTH LANDED: 324.27' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 153 jts (5897.02')
 DEPTH LANDED: 5945.27' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prom. Lite II mixed & 440 sxs 50/50 POZ
 CEMENT TOP: 30'

TUBING

SIZE/GRADE/WT : 2-7/8" / J-55 / 6.5#
 NO OF JOINTS: 129 jts (3981.0')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 3993' KB
 ON/OFF TOOL AT: 3994.1'
 SEAL NIPPLE AT: 3995.6'
 ARROW #1 PACKER CE AT: 3999'
 XO 2-3/8 x 2-7/8 J-55 AT: 4002.9'
 TBG PUP 2-3/8 J-55 AT: 4003.3'
 X/N NIPPLE AT: 4007.4'
 TOTAL STRING LENGTH EOT @ 4009'



FRAC JOB

06/27/07 5228-5240' **Frac LODC sands as follows:**
 45550# 20/40 sand in 450 bbls Lightning 17 frac fluid Treated @ avg press of 1899 psi w/avg rate of 24.7 BPM ISIP 2160 psi Calc flush: 5226 gal Actual flush: 4746 gal

06/27/07 4975-4982' **Frac A1 sands as follows:**
 24422# 20/40 sand in 350 bbls Lightning 17 frac fluid Treated @ avg press of 2402 psi w/avg rate of 24.9 BPM ISIP 2248 psi Calc flush: 4973 gal Actual flush: 4494 gal

06/27/07 4823-4831' **Frac B.5 sands as follows:**
 29655# 20/40 sand in 390 bbls Lightning 17 frac fluid Treated @ avg press of 2022 psi w/avg rate of 24.8 BPM ISIP 1907 psi Calc flush: 4821 gal Actual flush: 4326 gal

06/27/07 4594-4603' **Frac D1 sands as follows:**
 69977# 20/40 sand in 571 bbls Lightning 17 frac fluid Treated @ avg press of 1748 psi w/avg rate of 24.8 BPM ISIP 1927 psi Calc flush: 4592 gal Actual flush: 4074 gal

06/27/07 4082-4098' **Frac GB4 sands as follows:**
 84076# 20/40 sand in 655 bbls Lightning 17 frac fluid Treated @ avg press of 1625 psi w/avg rate of 24.8 BPM ISIP 1836 psi Calc flush: 4080 gal Actual flush: 3990 gal

09/17/10 **Pump Change. Rod & tubing detail updated**

10/05/12 4637-4640' **Frac D2 sands as follows:**
 23809# 20/40 sand in 239 bbls Lightning 17 frac fluid

10/05/12 4117-4120' **Frac GB6 sands as follows:**
 19413# 20/40 sand in 193 bbls Lightning 17 frac fluid

10/09/12 **Convert to Injection well**

10/12/12 **Conversion MIT Finalized - update tbg detail**

PERFORATION RECORD

| Date | Depth Range | JSPF | Holes |
|----------|-------------|--------|----------|
| 10/11/07 | 5228-5240' | 4 JSPF | 48 holes |
| 10/11/07 | 4975-4982' | 4 JSPF | 28 holes |
| 10/11/07 | 4823-4831' | 4 JSPF | 32 holes |
| 10/11/07 | 4594-4603' | 4 JSPF | 36 holes |
| 10/11/07 | 4082-4098' | 4 JSPF | 64 holes |
| 10/03/12 | 4637-4640' | 3 JSPF | 9 holes |
| 10/03/12 | 4117-4120' | 3 JSPF | 9 holes |

NEWFIELD

FEDERAL 3-19-9-16
 699'FNL & 1802' FWL
 NE/NW Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33064; Lease # UTU-64379



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 3-19-9-16

Location: Section 19, Township 9 South, Range 16 East

County: Duchesne

API No.: 43-013-33064

Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on August 7, 2012.
2. Maximum Allowable Injection Pressure: 1,809 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,907' – 5,905')
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. Quisenberry
for John Rogers
Associate Director

10/15/2012
Date

JR/MLR/js

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

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

