



May 18, 2006

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

RE: Applications for Permit to Drill: Federal 5-19-9-16, 9-22-9-16, 3-23-9-16, 4-23-9-16, 11-23-9-16, 12-23-9-16, 13-23-9-16, 14-23-9-16, 15-23-9-16, and 16-23-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed Federal 11-23-9-16 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
MAY 19 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No. UTU-64379
6. If Indian, Allottee or Tribe Name N/A
7. If Unit or CA Agreement, Name and No. N/A
8. Lease Name and Well No. Federal 5-19-9-16
9. API Well No. 43-013-33174
10. Field and Pool, or Exploratory Monument Butte
11. Sec., T., R., M., or Blk. and Survey or Area SW/NW Sec. 19, T9S R16E

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 SW/NW 1785' FNL 544' FWL 570 962X 40.018840 At proposed prod. zone 442996AY - 110.168472	
14. Distance in miles and direction from nearest town or post office* Approximatley 14.4 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. 544' f/lse, NA' f/unit	16. No. of Acres in lease 1626.36
17. Spacing Unit dedicated to this well 40 Acres	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1027'
19. Proposed Depth 6054'	20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6182' GL	22. Approximate date work will start* 3rd Quarter 2006
23. Estimated duration Approximately seven (7) days from spud to rig release.	

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

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 3/18/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 05-25-06
Title ENVIRONMENTAL MANAGER		

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

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

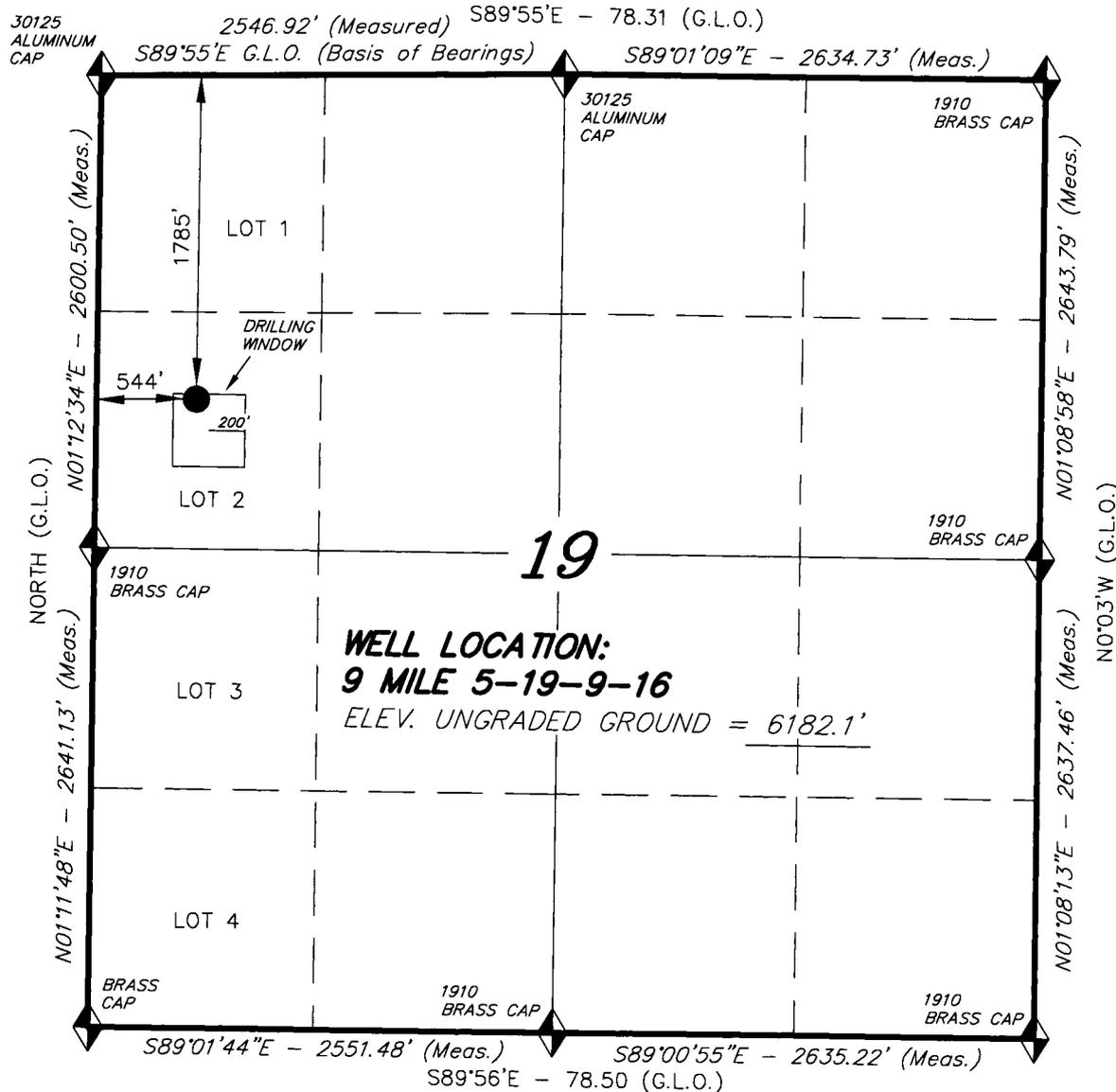
*(Instructions on reverse)

Federal Approval of this
Action is Necessary

RECEIVED
MAY 19 2006
DIV. OF OIL, GAS & MINING

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

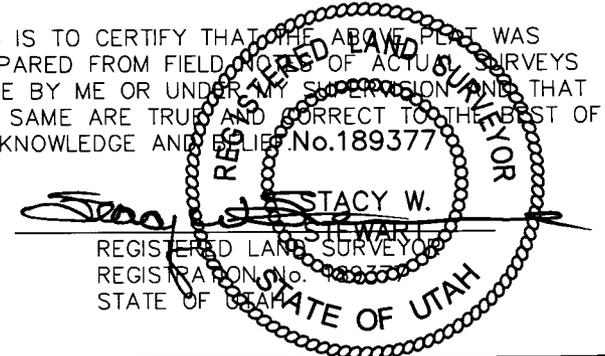
NEWFIELD PRODUCTION COMPANY



WELL LOCATION, 9 MILE 5-19-9-16,
LOCATED AS SHOWN IN THE SW 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



◆ = SECTION CORNERS LOCATED

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

9 MILE 5-19-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 07.17"
LONGITUDE = 110° 10' 09.22"

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 4-3-06	SURVEYED BY: C.M.
DATE DRAWN: 4-10-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
FEDERAL #5-19-9-16
SW/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' – 2569'
Green River	2569'
Wasatch	6054'

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

Green River Formation 2569' – 6054' - 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 #5-19-9-16
SW/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 #5-19-9-16 located in the SW 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 - 12.6 miles \pm to it's junction with an existing road to the southeast; proceed in a southeasterly direction - 0.2 miles \pm to it's junction with the beginning of the proposed access road to the south; proceed along the proposed access road - 110' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management (Proposed location and access roads leading to).

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #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 #5-19-9-6 Newfield Production Company requests 110' 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 110' 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 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 110' 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 than 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between March 1 and May 15. If the nest remains inactive on May 15th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location

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

Reserve Pit Liner

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

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

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

Western Wheatgrass	<i>Pascopyrum Smithii</i>	6 lbs/acre
Galletta Grass	<i>Hilaria Jamesii</i>	6 lbs/acre

Details of the On-Site Inspection

The proposed Federal #5-19-9-16 was on-sited on 3/17/06. The following were present: Shon Mckinnon (Newfeild Production), Christopher Carusona (Bureau of Land Management), and Brandon McDonald (Bureau of Landmanagement). Weather conditions were clear and ground cover was 30% 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 #5-19-9-16 SW/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 US Specialty Insurance #B001832.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

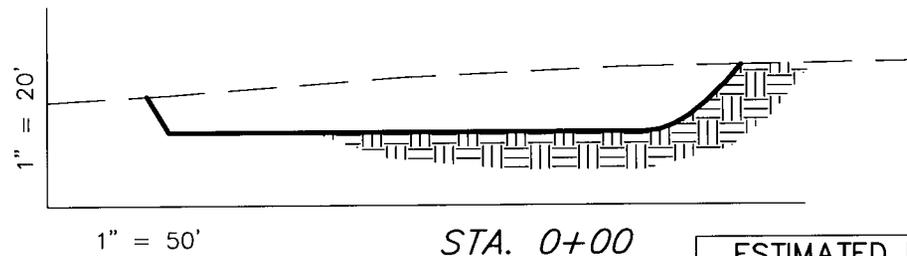
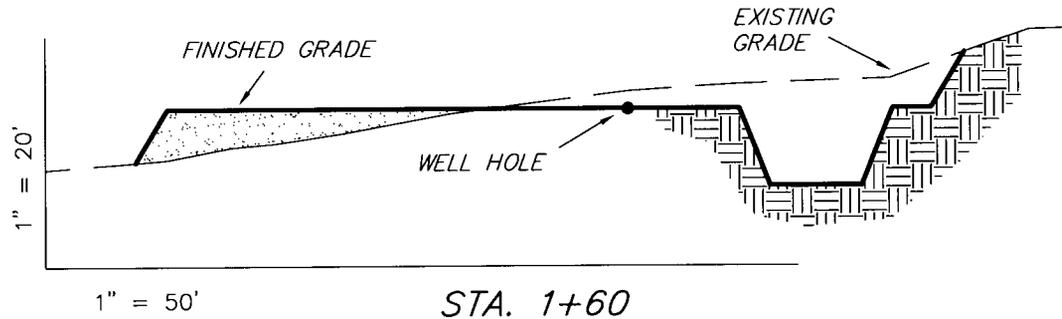
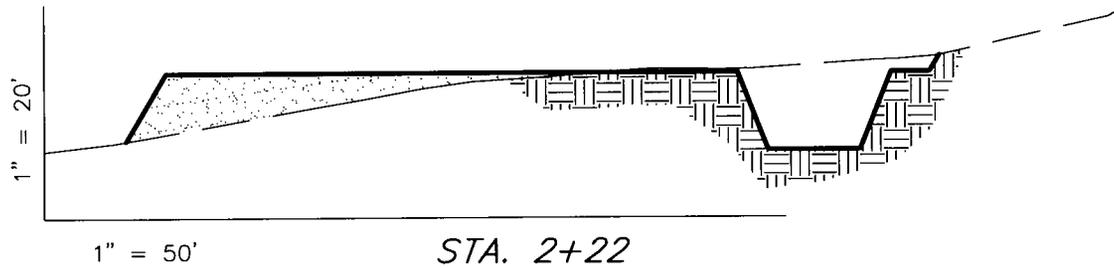
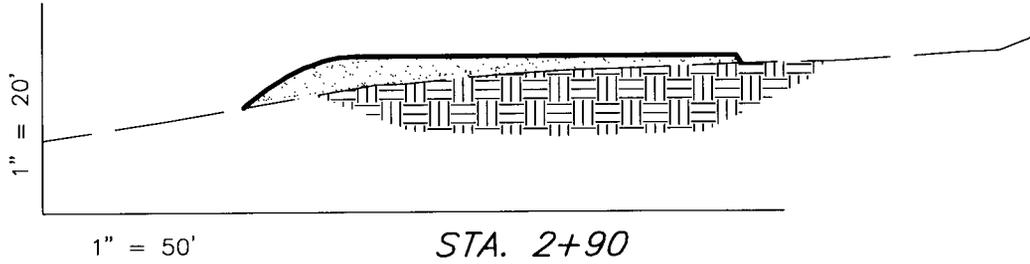
5/18/06
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEW FIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 5-19-9-16



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	2,360	2,360	Topsail is not included in Pad Cut	0
PIT	640	0		640
TOTALS	3,000	2,360	990	640

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 04-13-06

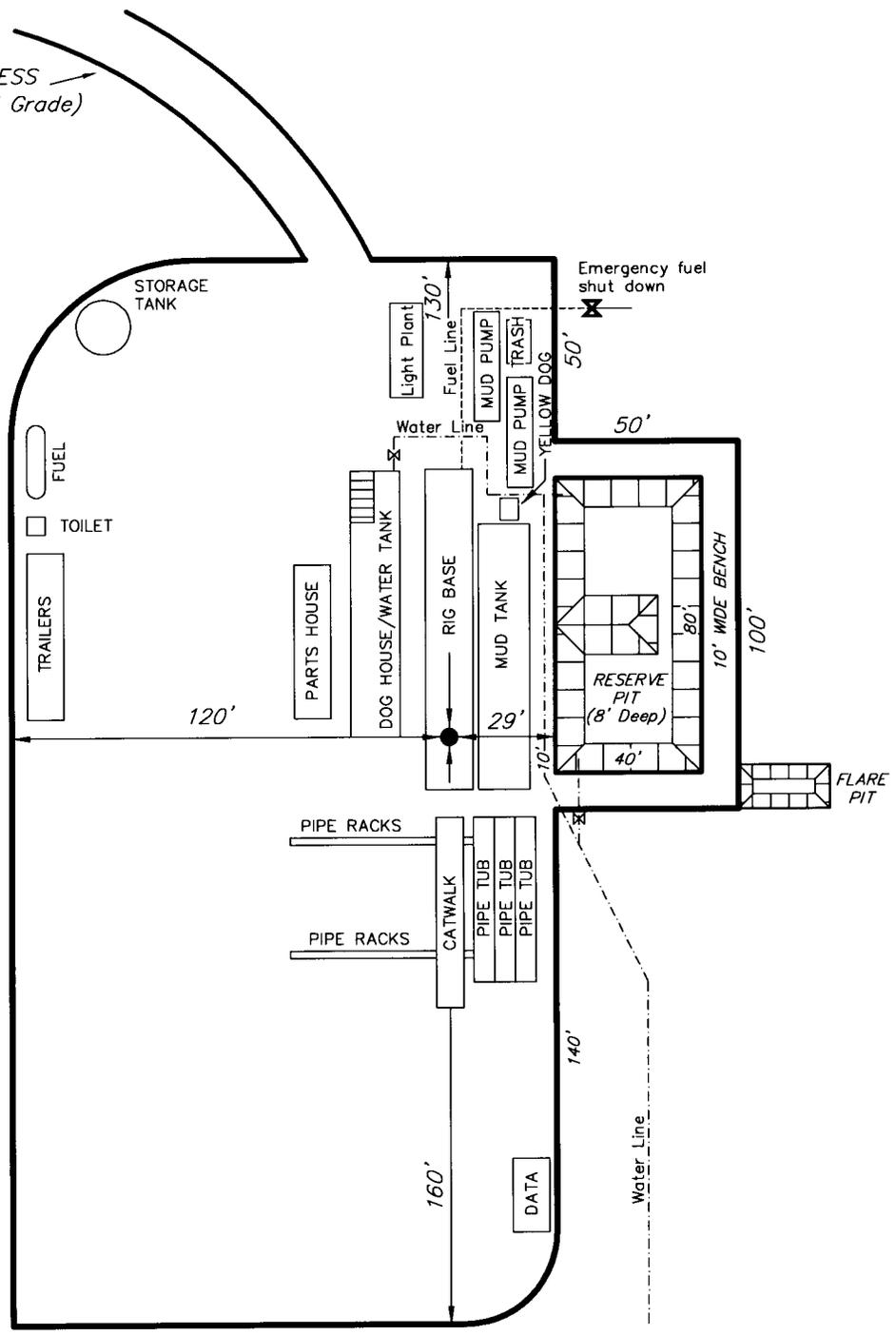
Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

9 MILE 5-19-9-16

PROPOSED ACCESS ROAD (Max. 6% Grade)



SURVEYED BY: C.M.	SCALE: 1" = 50'	Tri State Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078
DRAWN BY: F.T.M.	DATE: 04-13-06	

(435) 781-2501



NEWFIELD
Exploration Company

9 Mile 5-19-9-16
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 = 100,000
DRAWN BY: mw
DATE: 04-13-2006

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

9 Mile 5-19-9-16
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" = 2000'
DRAWN BY: mw
DATE: 04-13-2006

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP
"B"



 **NEWFIELD**
Exploration Company

9 Mile 5-19-9-16
SEC. 19, T9S, R16E, S.L.B.&M.



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

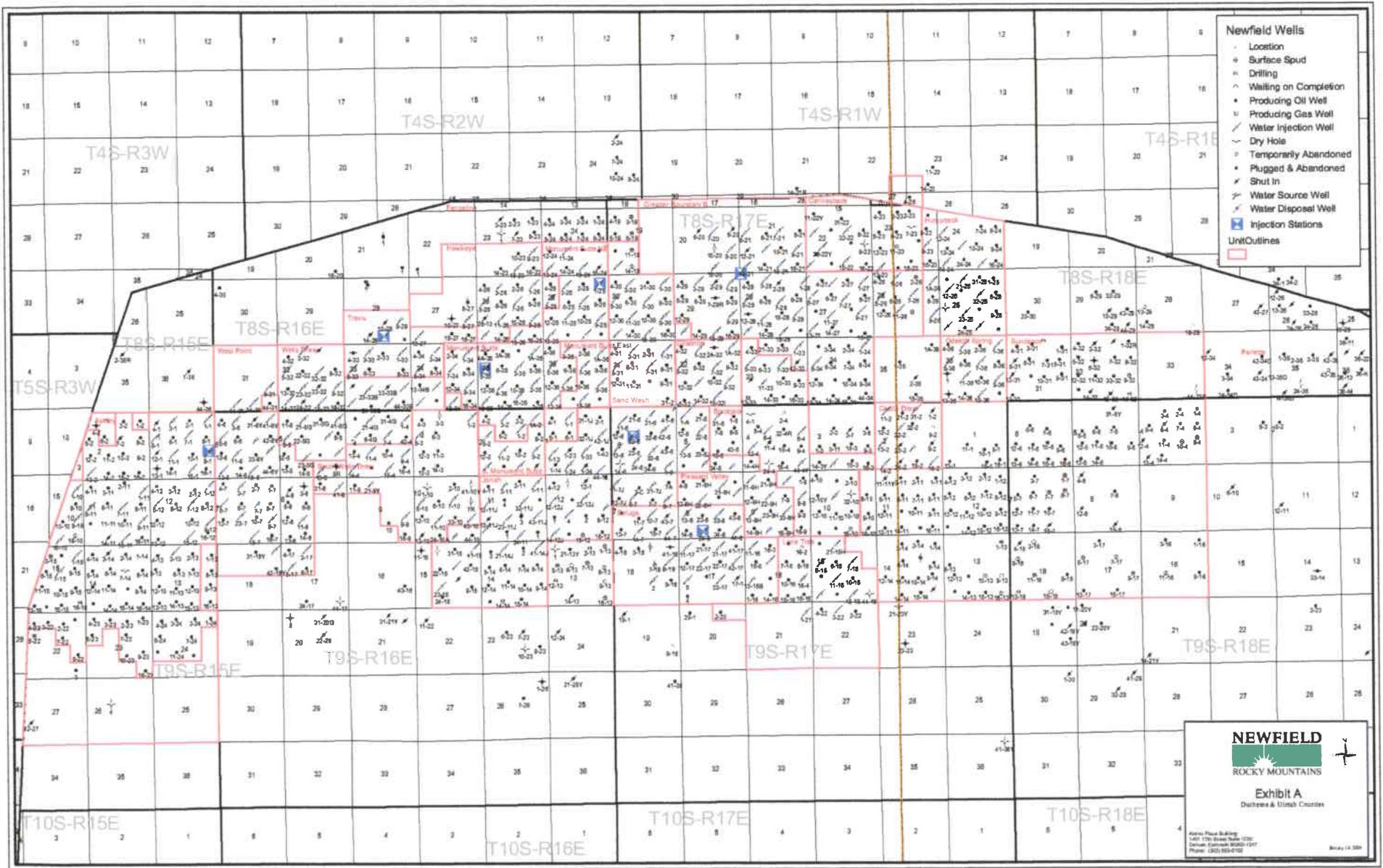
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DRAWN BY: mw
DATE: 04-13-2006

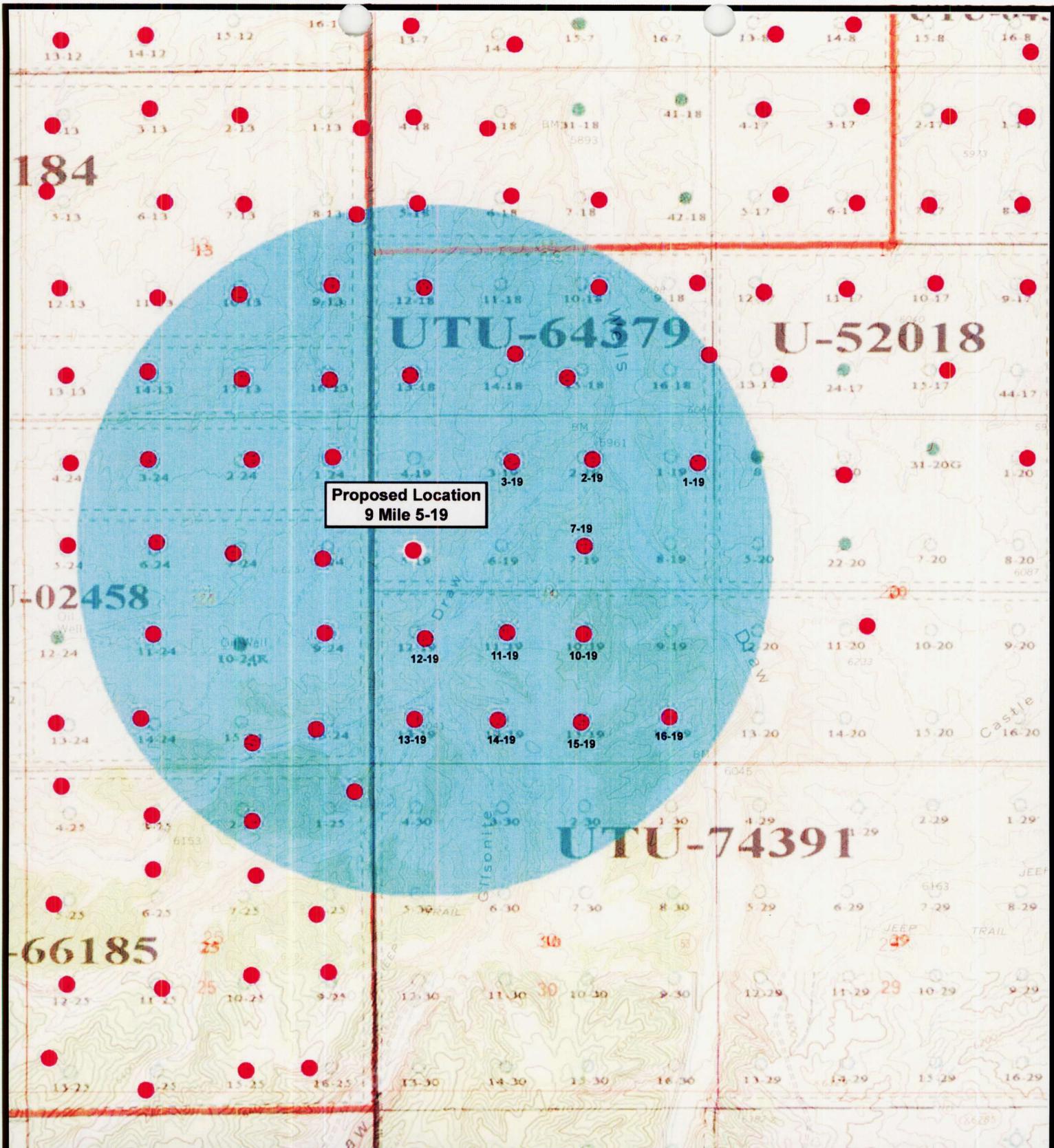
Legend

-  Roads
-  Proposed Gas Line
-  Proposed Water Line

TOPOGRAPHIC MAP

"C"





Proposed Location
9 Mile 5-19



NEWFIELD
Exploration Company

9 Mile 5-19-9-16
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: 04-13-2006

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

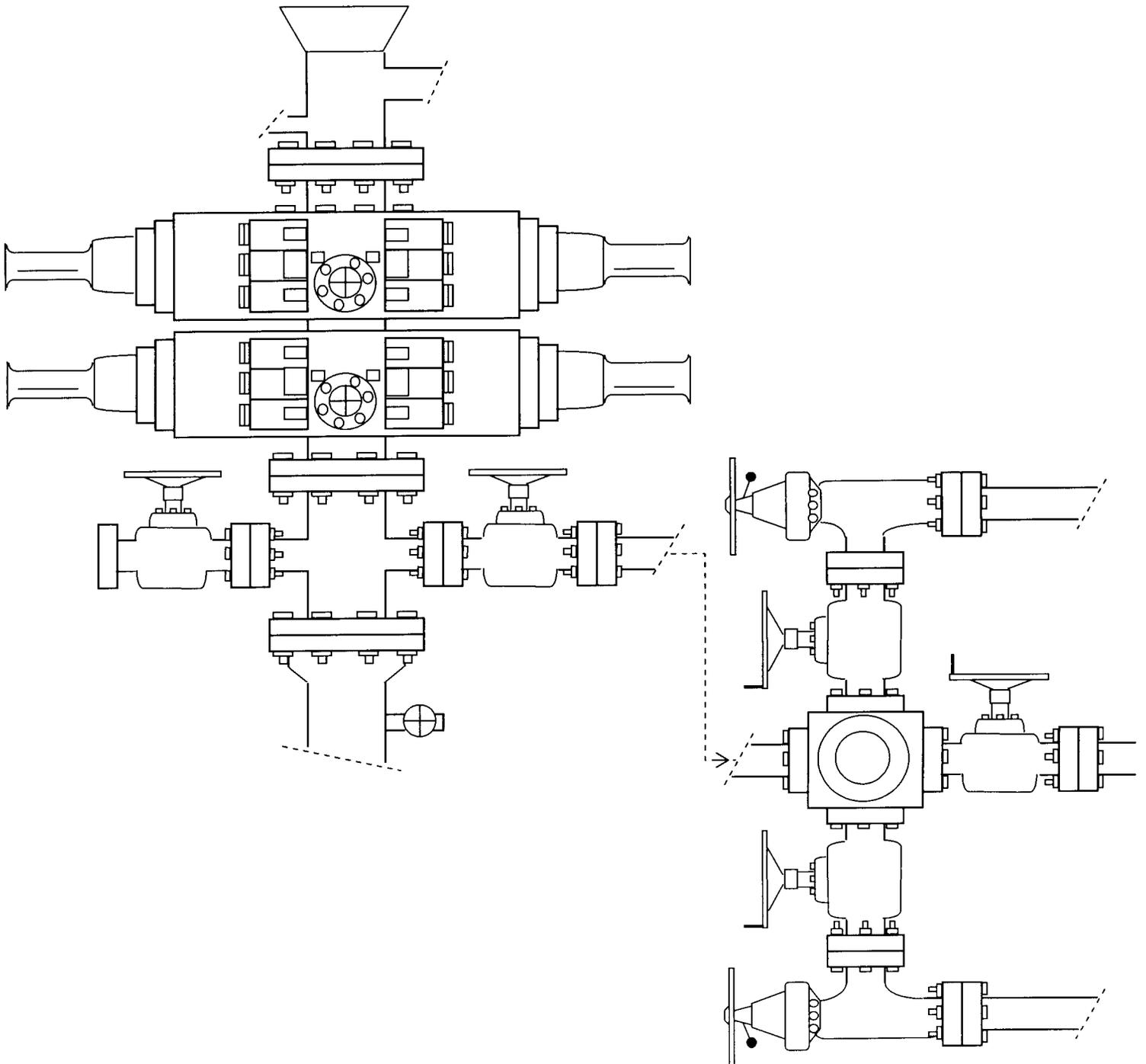


EXHIBIT C

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 fo Land Management
Vernal Field Office

Prepared Under Contract With:

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

Prepared By:

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

MOAC Report No. 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

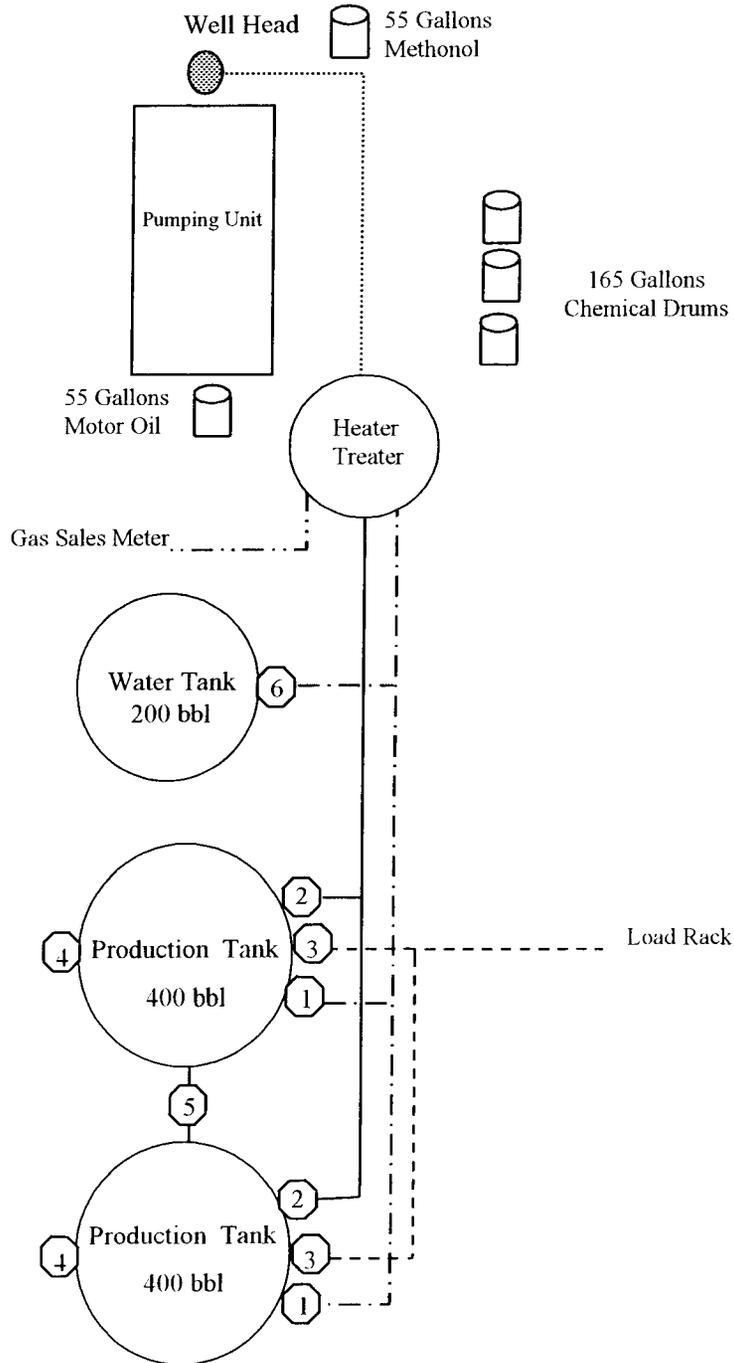
Newfield Production Company Proposed Site Facility Diagram

Federal 5-19-9-16

SW/NW Sec. 19, T9S, 16E

Duchesne County, Utah

UTU-64379



Legend

Emulsion Line
Load Rack	- - - - -
Water Line	- . - . -
Gas Sales	- . - . -
Oil Line	—————

Production Phase:

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

Sales Phase:

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

Draining Phase:

- 1) Valves 1 and 6 open

Diked Section



**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 05/19/2006

API NO. ASSIGNED: 43-013-33174

WELL NAME: FEDERAL 5-19-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWNW 19 090S 160E

SURFACE: 1785 FNL 0544 FWL

BOTTOM: 1785 FNL 0544 FWL

COUNTY: DUCHESNE

LATITUDE: 40.01884 LONGITUDE: -110.1685

UTM SURF EASTINGS: 570962 NORTHINGS: 4429969

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:

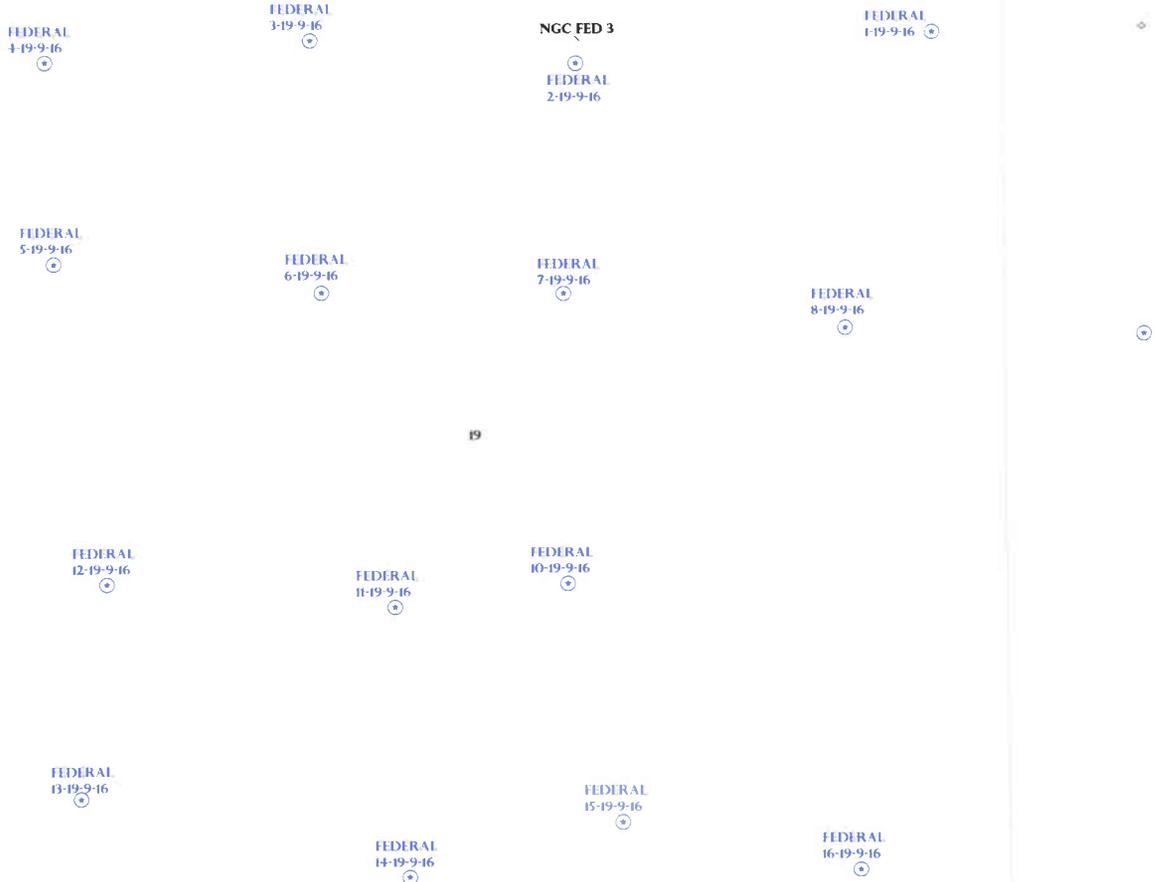
- ___ R649-2-3.
- Unit: _____
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- ___ R649-3-3. Exception
- ___ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
- ___ R649-3-11. Directional Drill

COMMENTS: See Separate Pls

STIPULATIONS: 1- Federal Approval
2- Spacing Strip

T9S R15E T9S R16E

MONUMENT BUTTE FIELD



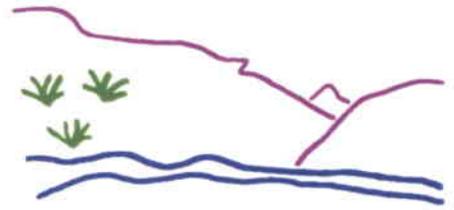
OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 19 T. 9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING



Utah Oil Gas and Mining

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



PREPARED BY: DIANA WHITNEY
DATE: 24-MAY-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

May 25, 2006

Newfield Production Company
Route 3 Box 3630
Myton, UT 84052

Re: Federal 5-19-9-16 Well, 1785' FNL, 544' FWL, SW 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 43-013-33174.

Sincerely,

Gil Hunt
Associate Director

mf
Enclosures

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

Operator: Newfield Production Company
Well Name & Number Federal 5-19-9-16
API Number: 43-013-33174
Lease: UTU-64379

Location: SW 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.

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VERNAL FIELD OFFICE

2006 MAY 19 PM 2:20

DEPT. OF THE INTERIOR
BUREAU OF LAND MGMT.

Form 3160-3
(September 2001)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-64379
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Federal 5-19-9-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33174
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/NW 1785' FNL 544' FWL At proposed prod. zone		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 14.4 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area SW/NW Sec. 19, T9S R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 544' f/lse, NA' f/unit	16. No. of Acres in lease 1626.36	12. County or Parish Duchesne
17. Spacing Unit dedicated to this well 40 Acres	13. State UT	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1027'	19. Proposed Depth 6054'	20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6182' GL	22. Approximate date work will start* 3rd Quarter 2006	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 3/18/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) Terry Kewocka	Date 2-8-2007
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, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

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

*(Instructions on reverse)

RECEIVED

FEB 13 2007

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING

UDOGM

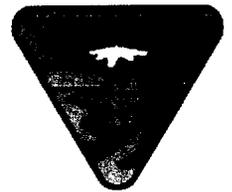
No NOS

07BM4677A



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:** SWNW, Sec 19, T9S, R16E
Well No: Federal 5-19-9-16 **Lease No:** UTU-64379
API No: 43-013-33174 **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

- There are two Golden Eagle nests and both are located 0.45 miles E of the proposed location, but are not in line-of-site. With this occurrence there will be a time restriction to protect Golden Eagle nesting from February 1- July 15.
- Lease Notices from RMP: Lessee/operator is given notice the area has been identified as containing Golden Eagle and Ferruginous Hawk habitat. Modifications may be required in the Surface Use Plan to protect the Golden Eagle and Ferruginous Hawk and/or their habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- Comments:
 1. There are two Golden Eagle nests and both are located 0.45 miles E of the proposed location, but are not in line-of-site.
 2. If it is anticipated that construction or drilling will occur during the given timing restrictions for any wildlife, a BLM or qualified biologist shall be notified so surveys can be conducted. Depending upon the results of the survey, permission to proceed may or may not be recommended or granted (depending on the species being surveyed and the condition of the habitat).

GENERAL CONDITIONS OF APPROVAL

- This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed August 24, 2005. If the well has not been spudded by August 24, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- 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 four 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 Threadgrass (<i>Hesperostipa comata</i>):	4 lbs/acre
Indian Ricegrass (<i>Achnatherum 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 shall 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. Production casing cement shall be brought up and into the surface.

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.

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 5-19-9-16

9. API Well No.
43-013-33174

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)
1785 FNL 544 FWL SW/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 <u>Permit Extension</u> <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water

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

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

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 5/25/06 (expiration 5/25/07).

This APD is not yet due to expire with the BLM.

Approved by the
Utah Division of
Oil, Gas and Mining

5307
RM

Date: 05-01-07
By: [Signature]

RECEIVED
MAY 01 2007
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.
Signed Mandie Crozier Title Regulatory Specialist Date 4/30/2007
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: 43-013-33174
Well Name: Federal 5-19-9-16
Location: SW/NW Section 19,T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 5/25/2006

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

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

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

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

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

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

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

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

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


Signature

4/30/2007
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 5-19-9-16

Api No: 43-013-33174 Lease Type: FEDERAL

Section 19 Township 09S Range 16E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 24

SPUDDED:

Date 08/29/07

Time 9:00 AM

How DRY

Drilling will Commence: _____

Reported by JUSTIN CRUM

Telephone # (435) 823-6733

Date 08/29/07 Signed CHD

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

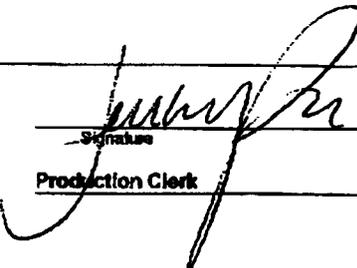
OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84062

OPERATOR ACCT. NO. N2895

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	12417	4301333290	LONE TREE FED 5-21-9-17	SWNW	21	9S	17E	DUCHESNE	8/22/2007	8/28/07
WELL 1 COMMENTS: <i>GRUV Unit</i>											
B	99999	12417	4301333289	LONE TREE FED 6-21-9-17	SENW	21	9S	17E	DUCHESNE	8/23/2007	8/28/07
WELL 2 COMMENTS: <i>GRUV</i>											
	99999	16325	4301332770	ASHLEY 4-27-9-15	NWNW	27	9S	15E	DUCHESNE	8/25/2007	8/28/07
WELL 3 COMMENTS: <i>MNCS</i>											
A	99999	16326	4301333189	FEDERAL 2-19-9-17	NWNE	19	9S	17E	DUCHESNE	8/28/2007	8/28/07
WELL 4 COMMENTS: <i>GRUV</i>											
A	99999	16327	4301333394	FEDERAL 16-22-9-16	NESE	22	9S	16E	DUCHESNE	8/27/2007	8/28/07
WELL 5 COMMENTS: <i>GRUV</i>											
A	99999	16328	4301333174	FEDERAL 5-19-9-16	SWNW	19	9S	16E	DUCHESNE	8/29/2007	8/28/07
WELL 6 COMMENTS: <i>GRUV</i>											

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

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


 Signature
 Jentri Park
 Production Clerk
 August 29, 2007
 Date

DIV. OF OIL, GAS & MINING

AUG 29 2007

RECEIVED

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 5-19-9-16

9. API Well No.
4301333174

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

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

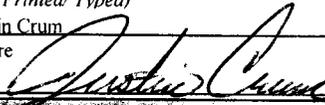
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1785 FNL 544 FWL
SWNW Section 19 T9S R16E

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 recompleat 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 recompleat 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 9/9/07 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 5930'. 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, 149 jt's of 5.5 J-55, 15.5# csgn. Set @ 5930' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. The 400 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 40 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 115,000 #'s tension. Release rig @ 6:00 AM on 9/15/07.

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

Title
Drilling Foreman

Date
09/30/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

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

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

(Instructions on reverse)

RECEIVED

OCT 02 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5927.59

LAST CASING 8 5/8" Set @ 306.47
 DATUM 12' KB
 DATUM TO CUT OFF CASING 12'
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 5925 Loggers 594
 HOLE SIZE 7 7/8"

Flt cllr @ 5890.95
 OPERATOR Newfield F
 WELL Federal 5-19-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI # 1

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 4006' (5.90')					
148	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5875.7
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	38.64
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5929.59
TOTAL LENGTH OF STRING		5929.59	149	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		283.42	6	CASING SET DEPTH			5927.59
TOTAL		6197.76	159	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6197.76	159				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		9/14/2007	10:00 PM	GOOD CIRC THRU JOB			Yes
CSG. IN HOLE		9/14/2007	1:30 AM	Bbls CMT CIRC TO SURFACE			40
BEGIN CIRC		9/15/2007	1:30 AM	RECIPROCATED PIPE FOR			THRUSTROKE NA
BEGIN PUMP CMT		9/15/2007	3:42 AM	DID BACK PRES. VALVE HOLD ?			Yes
BEGIN DSPL. CMT		9/15/2007	4:39 AM	BUMPED PLUG TO			1400 PSI
PLUG DOWN		9/15/2007	5:04 AM				
CEMENT USED		B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	300	Premilite II w/ 10% gel + 3 % KCL, 5#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2	400	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Justin Crurr DATE 9/15/2007

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

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

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

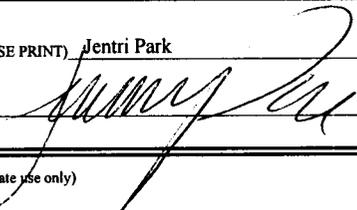
1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. WELL NAME and NUMBER: FEDERAL 5-19-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 4301333174
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052	PHONE NUMBER 435.646.3721	10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1785 FNL 544 FWL		COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNW, 19, T9S, R16E		STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 10/18/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
The above subject well was completed on 10/08/07, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk

SIGNATURE  DATE 10/18/2007

(This space for State use only)

RECEIVED
OCT 19 2007
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 5-19-9-16**8/1/2007 To 12/30/2007****10/2/2007 Day: 1****Completion**

Rigless on 10/1/2007 - 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 @ 5845' & cement top @ 153'. Perforate stage #1, LODC sds @ 5292-5305' w/ 3-1/8" Slick Guns (19 gram, .49"EH, 120°) w/ 4 spf for total of 52 shots. 140 BWTR. SWIFN.

10/3/2007 Day: 2**Completion**

Rigless on 10/2/2007 - Stage #1 LODC sds. RU BJ Services. 30 psi on well. Frac LODC sds w/ 70,815#'s of 20/40 sand in 589 bbls of Lightning 17 fluid. Broke @ 2918 psi. Treated w/ ave pressure of 2092 psi w/ ave rate of 24.8 BPM. ISIP 2307 psi. Leave pressure on well. 729 BWTR. Stage #2 LODC sds. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 9' perf gun. Set plug @ 5270'. Perforate LODC sds @ 5224-33' w/ 3-1/8" Slick Guns (.37"EH, 23 gram, 90°) w/ 4 spf for total of 36 shots. RU BJ Services. 2005 psi on well. Frac LODC sds w/ 56,237#'s of 20/40 sand in 502 bbls of Lightning 17 fluid. Broke @ 3000 psi. Treated w/ ave pressure of 2357 psi w/ ave rate of 24.8 BPM. ISIP 2399 psi. Leave pressure on well. 1231 BWTR. Stage #3 A3 sds. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 14' perf gun. Set plug @ 5130'. Perforate A3 sds @ 5014-28' w/ 3-1/8" Slick Guns (.37"EH, 23 gram, 90°) w/ 4 spf for total of 56 shots. RU BJ Services. 2005 psi on well. Perfs would not break. RU WL truck & dump bail acid on perfs. Tagged sand @ 5003' (11' of sand over top perf @ 5014'). RU BJ Services. Open well w/ 252 psi. Perfs would not break. Open well to pit @ 1 bpm for cleanup. Well would not flow. RD BJ Services & Lone Wolf WL. SWIFN.

10/4/2007 Day: 3**Completion**

NC #3 on 10/3/2007 - MIRUSU. RU rig floor. X- over to tbg eq. PU TIH w/ bar NC, 163- jts 2 7/8. Tag fill @ 5003'. Clean out fill to Plg @ 5130'. CWC. TOH w/ 167- jts 2 7/8, NC. ND washhead. SDFD.

10/5/2007 Day: 4**Completion**

NC #3 on 10/4/2007 - Stage #3 A3 sds. RU BJ Services. 580 psi on well. Frac A3 sds w/ 49,854#'s of 20/40 sand in 466 bbls of Lightning 17 fluid. Broke @ 1368 psi. Treated w/ ave pressure of 1934 psi w/ ave rate of 24.8 BPM. ISIP 2070 psi. Leave pressure on well. 1697 BWTR. Stage #4 C sds. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 6' perf gun. Set plug @ 4880'. Perforate C sds @ 4770-76' w/ 3-1/8" Slick Guns (.37"EH, 23 gram, 90°) w/ 4 spf for total of 24 shots. RU BJ Services. 1715 psi on well. Frac C sds w/ 16,441#'s of 20/40 sand in 257 bbls of Lightning 17 fluid. Broke @ 2947 psi. Treated w/ ave pressure of 2243 psi w/ ave rate of 24.8 BPM. ISIP 3458 psi. Open well to pit for immediate flowback @ 1 bpm. Well flowed for 3 hrs. & died. Recovered 180 bbls. ND frac head & BOP. RU production head & BOP. RU rig floor. TIH w/ chomp bit & 100- jts 2 7/8. SDFD.

10/6/2007 Day: 5**Completion**

NC #3 on 10/5/2007 - OWU. 0 psi on tbg & csg. TIH w/ 2 7/8 tbg to Plg @ 4880'. Drill out Plg. TIH w/ tbg to Plg @ 5130'. Drill out Plg. TIH w/ tbg to Plg @ 5270'. Drill out Plg. TIH w/ tbg to fill @ 5790'. Clean out fill to PBTD @ 5882'. CWC. LD 3-jts 2 7/8. EOT @ 5800'. RU sandline to swab. IFL @ surface. Made 12 swab runs & recovered 145 bbls water w/ no sand & trace oil. FFL @ 3000'. RD sandline. SDFD @ 6:30.

10/9/2007 Day: 6

Completion

NC #3 on 10/8/2007 - OWU. 0 psi on tbg & csg. TIH w/ 3- jts 2 7/8. Tag fill @ 5875'. Clean out fill to PBTD @ 5882'. CWC. LD 22- jts 2 7/8. TOH w/ 174- jts 2 7/8, & bit. PU TIH w/ NC, 2- jts 2 7/8, SN, 1- jt 2 7/8, TA, 171- jts 2 7/8. RD rig floor. ND BOP. Set TA w/ 15000 tension. NU wellhead. Flush tbg w/ 60 bbls water. X- over to rod eq. PU TIH w/ 2 1/2 x 1 1/2 x 16 x 20 RHAC, 6- 1 1/2 wt bars, 20- 3/4 guided rods, 87- 3/4 plain rods, 98- 3/4 guided rods, 8', 8', 4', 2', x 3/4 pony rods, 1 1/2 x 26' polish rod. RU pumping unit. W/ tbg full stroke test rod pump to 800 psi. Good test. RDMOSU. POP @ 7:30 W/ 102" SL @ 5 SPM FINAL REPORT!!

Pertinent Files: Go to File List

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

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

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

<p>1a. TYPE OF WORK</p> <p>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. UTU-64379</p>
<p>1b. TYPE OF WELL</p> <p>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR. <input type="checkbox"/> Other _____</p>	<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA</p>
<p>7. UNIT AGREEMENT NAME Federal</p>	
<p>8. FARM OR LEASE NAME, WELL NO. Federal 5-19-9-16</p>	

2. NAME OF OPERATOR
Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.
1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*
At Surface **1785' FNL & 544' FWL (SW/NW) Sec. 19, T9S, R16E**
At top prod. Interval reported below

14. API NO. 43-013-33174	DATE ISSUED 05/25/06	12. COUNTY OR PARISH Duchesne	13. STATE UT
------------------------------------	--------------------------------	---	------------------------

15. DATE SPUDDED 08/29/07	16. DATE T.D. REACHED 09/13/07	17. DATE COMPL. (Ready to prod.) 10/08/07	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6182' GL 6194' KB	19. ELEV. CASINGHEAD
-------------------------------------	--	---	--	----------------------

20. TOTAL DEPTH, MD & TVD 5925'	21. PLUG BACK T.D., MD & TVD 5882'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY ----->	ROTARY TOOLS X	CABLE TOOLS
---	--	-----------------------------------	--	--------------------------	-------------

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
Green River 4770'-5305'

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED
No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	313'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5928'	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 @ 5378'	TA @ 5281'

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) 5292'-5305'	.49"	4/52	5292'-5305'	Frac w/ 70,815# 20/40 sand in 589 bbls fluid
(LODC) 5224'-5233'	.37"	4/36	5224'-5233'	Frac w/ 56,237# 20/40 sand in 502 bbls fluid
(A3) 5014'-5028'	.37"	4/56	5014'-5028'	Frac w/ 49,854# 20/40 sand in 466 bbls fluid
(C) 4770'-4776'	.37"	4/24	4770'-4776'	Frac w/ 16,441# 20/40 sand in 257 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION 10/08/07	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 16' x 20' RHAC CDI 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. 38	GAS--MCF. 65	WATER--BBL. 32	GAS-OIL RATIO 1711

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL--BBL.	GAS--MCF.	WATER--BBL.	RECEIVED
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34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold & Used for Fuel

TEST WITNESSED BY
OCT 30 2007

35. LIST OF ATTACHMENTS

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

SIGNED Jentri Park TITLE Production Clerk DATE 10/25/2007

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

DIV. OF OIL, GAS & MINING

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);

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				MEAS. DEPTH	TOP
				TRUE	VERT. DEPTH
			Well Name Federal 5-19-9-16	3576'	
				3807'	
				3912'	
				4161'	
				4432'	
				4465'	
				4570'	
				4804'	
				4922'	
				5465'	
				5910'	
				5940'	

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 5-19-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013331740000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1785 FNL 0544 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW 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: 9/5/2012	<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 08/31/2012. New intervals perforated, CP4 sands - 5664-5667' 3 JSPF, D1 sands - 4627-4629' 3 JSPF, & D1 sands - 4623-4624' 3 JSPF. On 09/04/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/05/2012 the casing was pressured up to 1500 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 550 psig during the test. There was not a State representative available to witness the test.

Accepted by the Utah Division of Oil, Gas and Mining

Date: September 13, 2012

By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/6/2012	

Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: _____ Date 9/5/12 Time 9:00 (am/pm)
Test Conducted by: Michael Jensen
Others Present: _____

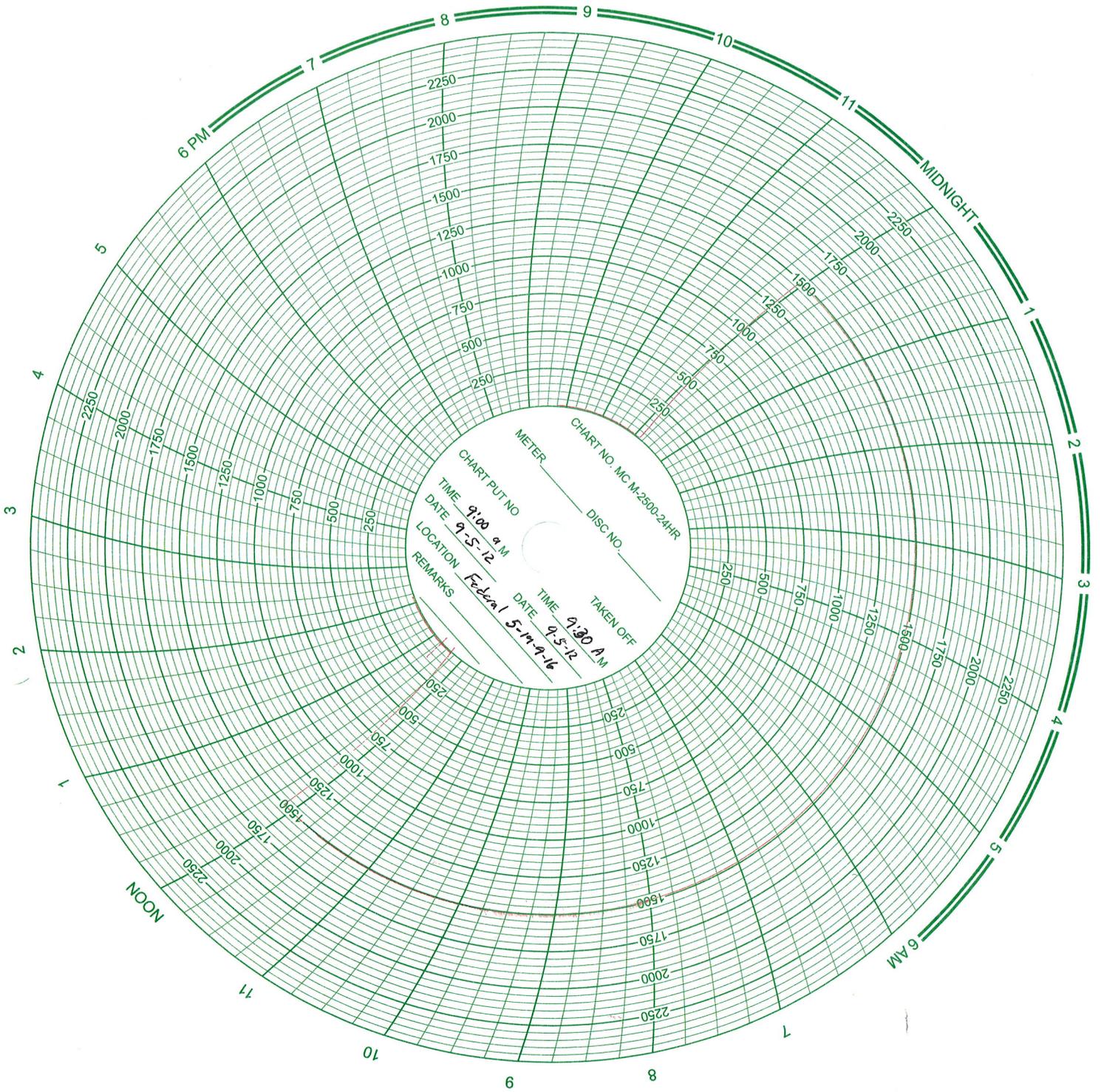
Well: <u>5-19-9-16</u>	Field: <u>Greater Monument Butte</u>
Well Location: <u>Federal 5-19-9-16</u>	API No: <u>4301333174</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1500</u>	psig
5	<u>1500</u>	psig
10	<u>1500</u>	psig
15	<u>1500</u>	psig
20	<u>1500</u>	psig
25	<u>1500</u>	psig
30 min	<u>1500</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 550 psig

Result: Pass Fail

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



Daily Activity Report

Format For Sundry

FEDERAL 5-19-9-16

6/1/2012 To 10/30/2012

8/28/2012 Day: 1

Conversion

WWS #7 on 8/28/2012 - MIRUSU WWS #7. LD rod string. TOOH breaking & doping collars. - MIRUSU WWS #7. Hot oiler had pumped 60 bw down csg @ 250°. RD pumping unit. Un-seat rod pump. Flush tbg & rods w/ 35 bw @ 250°. Soft seat pump. Fill & test tbg to 3000 psi w/ 3 bw. Good test. LD polished rod, 2 - 2', 1 - 4', & 2 - 8' pony subs. TOOH LD rod string. Get out of hole w/ 98 - 3/4" guided rods (4 per), 87 - 3/4" slick rods, 20 - 3/4" guided rods (4 per), & 6 - 1 1/2" wt bars. LD rod pump (flushed tbg & rods w/ 30 bw on TOOH). X-over to tbg equipment. ND well head. Release TAC. NU BOP. RU work floor. TOOH tallying, breaking collars, & applying Liquid O-Ring to threads. Get out of hole w/ 148 jts tbg (flushed w/ 30 bw on TOOH). SDFN - Crew travel. - Crew travel. - Crew travel & pre-job safety meeting. - MIRUSU WWS #7. Hot oiler had pumped 60 bw down csg @ 250°. RD pumping unit. Un-seat rod pump. Flush tbg & rods w/ 35 bw @ 250°. Soft seat pump. Fill & test tbg to 3000 psi w/ 3 bw. Good test. LD polished rod, 2 - 2', 1 - 4', & 2 - 8' pony subs. TOOH LD rod string. Get out of hole w/ 98 - 3/4" guided rods (4 per), 87 - 3/4" slick rods, 20 - 3/4" guided rods (4 per), & 6 - 1 1/2" wt bars. LD rod pump (flushed tbg & rods w/ 30 bw on TOOH). X-over to tbg equipment. ND well head. Release TAC. NU BOP. RU work floor. TOOH tallying, breaking collars, & applying Liquid O-Ring to threads. Get out of hole w/ 148 jts tbg (flushed w/ 30 bw on TOOH). SDFN - Crew travel & pre-job safety meeting. - MIRUSU WWS #7. Hot oiler had pumped 60 bw down csg @ 250°. RD pumping unit. Un-seat rod pump. Flush tbg & rods w/ 35 bw @ 250°. Soft seat pump. Fill & test tbg to 3000 psi w/ 3 bw. Good test. LD polished rod, 2 - 2', 1 - 4', & 2 - 8' pony subs. TOOH LD rod string. Get out of hole w/ 98 - 3/4" guided rods (4 per), 87 - 3/4" slick rods, 20 - 3/4" guided rods (4 per), & 6 - 1 1/2" wt bars. LD rod pump (flushed tbg & rods w/ 30 bw on TOOH). X-over to tbg equipment. ND well head. Release TAC. NU BOP. RU work floor. TOOH tallying, breaking collars, & applying Liquid O-Ring to threads. Get out of hole w/ 148 jts tbg (flushed w/ 30 bw on TOOH). SDFN - Crew travel. - Crew travel & pre-job safety meeting.

Daily Cost: \$0

Cumulative Cost: \$9,409

8/29/2012 Day: 2

Conversion

WWS #7 on 8/29/2012 - LD excess tbg. Perforate CP4 sds & D1 sds. PU RBP & PKR assembly. PU N-80 workstring. - Crew travel & pre-job safety meeting. Flush tbg w/ 30 bw @ 250°. - LD 24 jts tbg, TAC, 1 jt, PSN, BN, 2 jts, & NC. ND Washinton head. RU Extreme wlt. RIH w/ wireline perf guns. Perforate CP4 sds @ (5664'-67') & D1 sds @ (4627'-29') & (4623'-24') w/ 3 spf @ 120° phsing for a total of 18 shots. POOH w/ wireline. RD wlt. Spot tbg float, prep 7 tally tbg. MU Weatherford 5 1/2" TSRBP, HDTs PKR, & PSN. TIH PU tbg. Get in hole w/183 jts tbg. TOOH w/ 20 jts tbg. Break down perfs in AM. SDFN - Crew travel. - Crew travel & pre-job safety meeting. Flush tbg w/ 30 bw @ 250°. - LD 24 jts tbg, TAC, 1 jt, PSN, BN, 2 jts, & NC. ND Washinton head. RU Extreme wlt. RIH w/ wireline perf guns. Perforate CP4 sds @ (5664'-67') & D1 sds @ (4627'-29') & (4623'-24') w/ 3 spf @ 120° phsing for a total of 18 shots. POOH w/ wireline. RD wlt. Spot tbg float, prep 7 tally tbg. MU Weatherford 5 1/2" TSRBP, HDTs PKR, & PSN. TIH PU tbg. Get in hole w/183 jts tbg. TOOH w/ 20 jts tbg. Break down perfs in AM. SDFN - Crew travel. - Crew travel & pre-job safety meeting. Flush tbg w/ 30 bw @ 250°. - Crew travel. - LD 24 jts tbg, TAC, 1 jt, PSN, BN, 2 jts, & NC. ND Washinton head. RU Extreme wlt. RIH w/ wireline perf guns. Perforate CP4 sds @ (5664'-67') & D1 sds @ (4627'-29') & (4623'-24') w/ 3 spf @ 120° phsing for a total of 18 shots. POOH w/ wireline. RD wlt. Spot tbg float, prep 7 tally tbg. MU Weatherford 5 1/2" TSRBP, HDTs PKR, & PSN. TIH

PU tbg. Get in hole w/183 jts tbg. TOOOh w/ 20 jts tbg. Break down perfs in AM. SDFN

Daily Cost: \$0

Cumulative Cost: \$17,896

8/30/2012 Day: 4

Conversion

WWS #7 on 8/30/2012 - Frac & flow back CP4 sds & D1 sds. Release tools. TOOOh to place EOT above perfs. - Crew travel - Crew travel - RU flow back equipment. Open well for flow back @ approx 3 bpm. Flow back for 10 min. Well died. Release PKR. TIH w/ tbg. Latch onto & release RBP. TOOOh w/ 4 jts tbg to get above perfs. SDFN - RU flow back equipment. Open well for flow back @ approx 3 bpm. Flow back for 10 min. Well died. Release PKR. TIH w/ tbg. Latch onto & release RBP. TOOOh w/ 4 jts tbg to get above perfs. SDFN - Open well. 240 psi. Break down D1 sds @ 6430 psi w/ .8 bw @ 1.1 bpm. Frac D1 sds w/ 16342# 20/40 sand w/ 236 bbls Lightning 17 gelled fluid. ISDP 2122 psi. FG .89. 5 min 1595 psi. 10 min 1505 psi. 15 min 1406 psi. Max treating pressure 5345 psi. Avg treating pressure 4866 psi. Max treating rate 20.2 bpm. Avg treating rate 18.9 bpm. RDMO frac equipment. - Open well. 240 psi. Break down D1 sds @ 6430 psi w/ .8 bw @ 1.1 bpm. Frac D1 sds w/ 16342# 20/40 sand w/ 236 bbls Lightning 17 gelled fluid. ISDP 2122 psi. FG .89. 5 min 1595 psi. 10 min 1505 psi. 15 min 1406 psi. Max treating pressure 5345 psi. Avg treating pressure 4866 psi. Max treating rate 20.2 bpm. Avg treating rate 18.9 bpm. RDMO frac equipment. - Hold pre-stg safety meeting & pressure test frac equipment. - Hold pre-stg safety meeting & pressure test frac equipment. - Release PKR. TIH w/ tbg. Latch onto & release RBP. TOOOh w/ tbg. Set RBP @ 4665' & PKR @ 4599'. - Release PKR. TIH w/ tbg. Latch onto & release RBP. TOOOh w/ tbg. Set RBP @ 4665' & PKR @ 4599'. - RD frac equipment. RU flow back equipment. Flow back for 2 hrs 15 min to recover 203 bbls. - RD frac equipment. RU flow back equipment. Flow back for 2 hrs 15 min to recover 203 bbls. - Open well. 450 psi. Could not get break @ 7200 psi. Open by-pass on PKR. Spot 4 bbls acid to EOT. Close by-pass. Re-attempt to get break w/ out success. Release PKR. PU 1 jt tbg. Spot 4 bbls acid to EOT. LD 1 jt tbg. Re-set PKR. Re-attempt to get break. Break down CP4 sds @ 5909 psi w/ 1 bw @ 1.7 bpm. Frac w/ 18147# 20/40 sand w/ 229 bbls Lightning 17 fluid. ISDP 2088 psi. FG .80. 5 min 1890 psi. 10 min 1824 psi. 15 min 1787 psi. Max treating pressure 6364 psi. Avg treating pressure 6214 psi. Max treating rate 21.2 bpm. AVG treating rate 17.8 bpm. - Open well. 450 psi. Could not get break @ 7200 psi. Open by-pass on PKR. Spot 4 bbls acid to EOT. Close by-pass. Re-attempt to get break w/ out success. Release PKR. PU 1 jt tbg. Spot 4 bbls acid to EOT. LD 1 jt tbg. Re-set PKR. Re-attempt to get break. Break down CP4 sds @ 5909 psi w/ 1 bw @ 1.7 bpm. Frac w/ 18147# 20/40 sand w/ 229 bbls Lightning 17 fluid. ISDP 2088 psi. FG .80. 5 min 1890 psi. 10 min 1824 psi. 15 min 1787 psi. Max treating pressure 6364 psi. Avg treating pressure 6214 psi. Max treating rate 21.2 bpm. AVG treating rate 17.8 bpm. - Hold BH pre-job safety meeting. Pressure test frac equipment. - Hold BH pre-job safety meeting. Pressure test frac equipment. - Wait on Baker Hughes to RU frac equipment. - Wait on Baker Hughes to RU frac equipment. - Set PKR. - Set PKR. - Crew travel & pre-job safety meeting. - Crew travel & pre-job safety meeting. - Crew travel. - Crew travel. - Set RBP @ 4665'. Set PKR @ 4567'. Fill csg w/ 30 bw. Fill tbg w/ 10 bw. Attempt to break down D1 sds. Could not get break. Release tools. TIH w/ tbg & set RBP @ 5700'. Set PKR @ 5635'. Attempt to break down CP4 sds. Could not get break. Release PKR. RU frac valve. - Set RBP @ 4665'. Set PKR @ 4567'. Fill csg w/ 30 bw. Fill tbg w/ 10 bw. Attempt to break down D1 sds. Could not get break. Release tools. TIH w/ tbg & set RBP @ 5700'. Set PKR @ 5635'. Attempt to break down CP4 sds. Could not get break. Release PKR. RU frac valve. - Crew travel & pre-job safety meeting. - Crew travel & pre-job safety meeting. - Crew travel - Crew travel - RU flow back equipment. Open well for flow back @ approx 3 bpm. Flow back for 10 min. Well died. Release PKR. TIH w/ tbg. Latch onto & release RBP. TOOOh w/ 4 jts tbg to get above perfs. SDFN - RU flow back equipment. Open well for flow back @ approx 3 bpm. Flow back for 10 min. Well died. Release PKR. TIH w/ tbg. Latch onto & release RBP. TOOOh w/ 4 jts tbg to get above perfs. SDFN - Open well. 240 psi. Break down D1 sds @ 6430 psi w/ .8 bw @ 1.1 bpm. Frac D1 sds w/ 16342# 20/40 sand w/ 236 bbls Lightning 17 gelled fluid. ISDP 2122 psi. FG .89. 5 min

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Daily Cost: \$0

Cumulative Cost: \$85,378

9/4/2012 Day: 5**Conversion**

WWS #7 on 9/4/2012 - LD N-80 workstring. TIH w/ injection string. Pressure test tbg & csg. RDMOSU WWS #7 - Retrieve SV. RD work floor. ND BOP. Install 8' tbg sub. MU wellhead bonnet. Land tbg. Circulate well bore w/ PKR fluid. Set PKR. Remove sub. Land tbg w/ 16000# tension. NU wellhead. Pressure test CSG to 1400 psi. Watch for 40 min. Good test. MU injection tree. RDMOSU WWS #7. READY FOR MIT!! - Open well. CSG on vacuum. TBG same. TOOHD LD N-80 tbg. Get out of hole w/ tbg. LD RBP & PKR assembly. - MU wireline re- entry guide, 2 3/8" XN nipple w/ 1.875 profile, 2 3/8" x 4' pup joint, 2 3/8" x 2 7/8" X-over, & Weatherford 5 1/2" AS-1X PKR. TIH w/ injection string @ follows. 4 1/2" OD retrieving head, PSN, & 147 jts 2 7/8" J-55 tbg. - Crew travel & pre-job safety meeting. - Drop SV & circulate to btm w/ rig pump. Pressure test tbg to 3000 psi. Good test. - MU wireline re- entry guide, 2 3/8" XN nipple w/ 1.875 profile, 2 3/8" x 4' pup joint, 2 3/8" x 2 7/8" X-over, & Weatherford 5 1/2" AS-1X PKR. TIH w/ injection string @ follows. 4 1/2" OD retrieving head, PSN, & 147 jts 2 7/8" J-55 tbg. - Open well. CSG on vacuum. TBG same. TOOHD LD N-80 tbg. Get out of hole w/ tbg. LD RBP & PKR assembly. - Crew travel & pre-job safety meeting. - Retrieve SV. RD work floor. ND BOP. Install 8' tbg sub. MU wellhead bonnet. Land tbg. Circulate well bore w/ PKR fluid. Set PKR. Remove sub. Land tbg w/ 16000# tension. NU wellhead. Pressure test CSG to 1400 psi. Watch for 40 min. Good test. MU injection tree. RDMOSU WWS #7. READY FOR MIT!! - Drop SV & circulate to btm w/ rig pump. Pressure test tbg to 3000 psi. Good test. - MU wireline re- entry guide, 2 3/8" XN nipple w/ 1.875 profile, 2 3/8" x 4' pup joint, 2 3/8" x 2 7/8" X-over, & Weatherford 5 1/2" AS-1X PKR. TIH w/ injection string @ follows. 4 1/2" OD retrieving head, PSN, & 147 jts 2 7/8" J-55 tbg. - Open well. CSG on vacuum. TBG same. TOOHD LD N-80 tbg. Get out of hole w/ tbg. LD RBP & PKR assembly. - Crew travel & pre-job safety meeting. - Retrieve SV. RD work floor. ND BOP. Install 8' tbg sub. MU wellhead bonnet. Land tbg. Circulate well bore w/ PKR fluid. Set PKR. Remove sub. Land tbg w/ 16000# tension. NU wellhead. Pressure test CSG to 1400 psi. Watch for 40 min. Good test. MU injection tree. RDMOSU WWS #7. READY FOR MIT!! - Drop SV & circulate to btm w/ rig pump. Pressure test tbg to 3000 psi. Good test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$124,601

9/6/2012 Day: 6

Conversion

Rigless on 9/6/2012 - Conduct initial MIT - On 09/04/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/05/2012 the casing was pressured up to 1500 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 550 psig during the test. There was not a State representative available to witness the test. - On 09/04/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/05/2012 the casing was pressured up to 1500 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 550 psig during the test. There was not a State representative available to witness the test. - On 09/04/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/05/2012 the casing was pressured up to 1500 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 550 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$212,871

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 5-19-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013331740000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1785 FNL 0544 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW 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: 9/26/2012	<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 type="checkbox"/> OTHER	OTHER: <input style="width:100px;" type="text"/>

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

The above reference well was put on injection at 2:00 PM on
09/26/2012.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 October 02, 2012

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/27/2012	



April 30, 2012

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

RE: Permit Application for Water Injection Well
Federal #5-19-9-16
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 #5-19-9-16 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", with a long horizontal line extending to the right.

Eric Sundberg
Regulatory Lead

RECEIVED
MAY 01 2012
DIV OF OIL, GAS, & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #5-19-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-64379
APRIL 30, 2012

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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

Proposed Injection 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

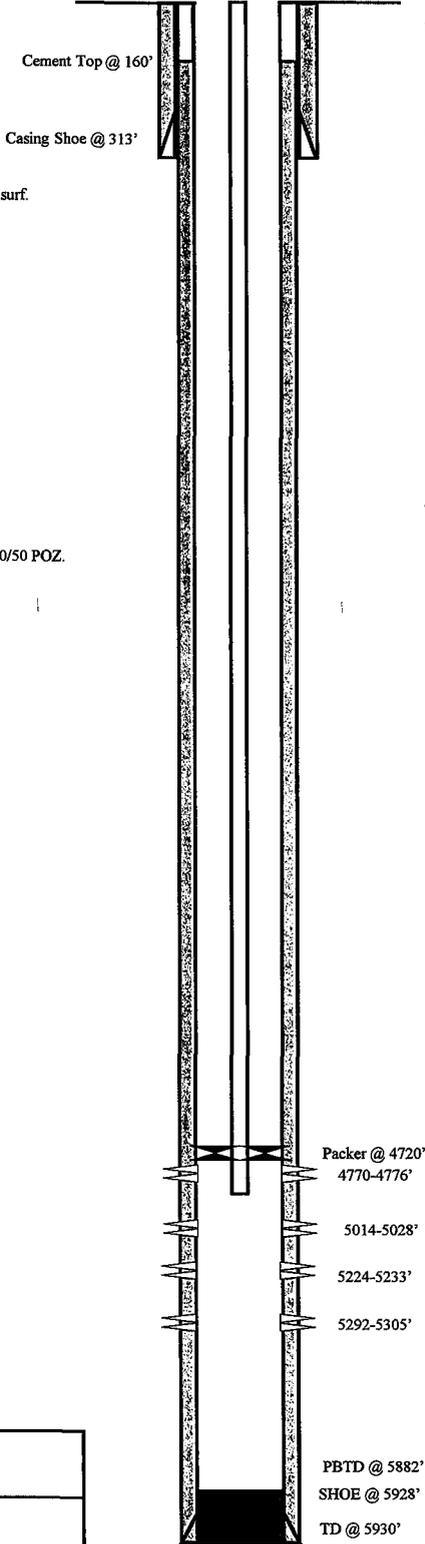
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 149 jts. (5914.34')
 DEPTH LANDED: 5927.59' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.

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

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

NEWFIELD

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

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 #5-19-9-16 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 #5-19-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3911' - 5882'). 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 3576' and the TD is at 5930'.

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

The referenced log for the Federal #5-19-9-16 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 313' KB, and 5-1/2", 15.5# casing run from surface to 5928' 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 2037 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 #5-19-9-16, for existing perforations (4770' - 5305') calculates at 0.85 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 2037 psig. We may add additional perforations between 3576' and 5930'. 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 #5-19-9-16, the proposed injection zone (3911' - 5882') 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-14.

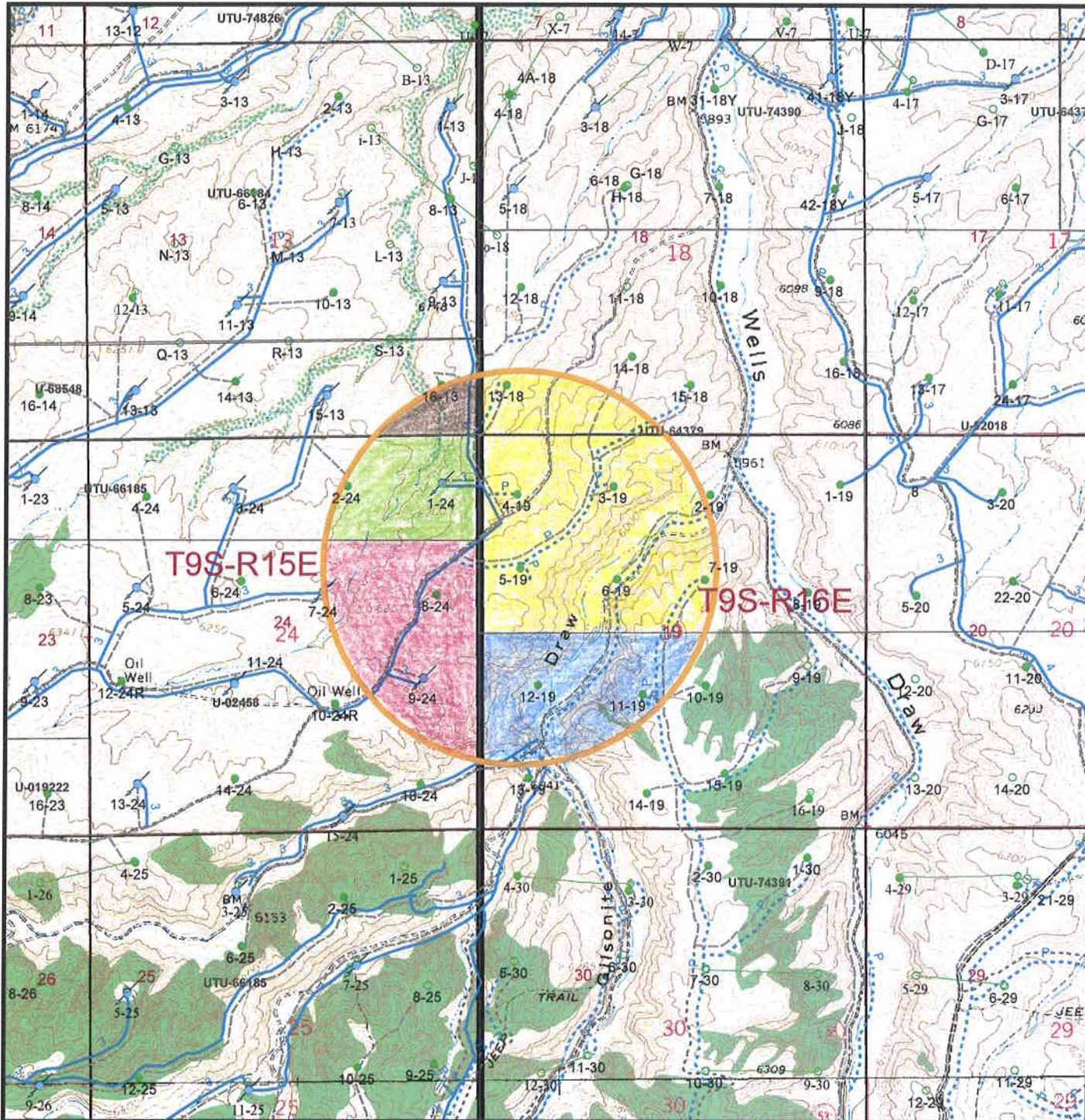
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

Injection system

- high pressure
- low pressure
- proposed
- return
- return proposed

Leases

- Leases

Mining tracts

- Mining tracts

UTU-64379

UTU-74391

UTU-00245

UTU-66185

UTU-68548

Federal 5-19
Section 19, T9S-R16E

NEWFIELD

ROCKY MOUNTAINS 1" = 2000'

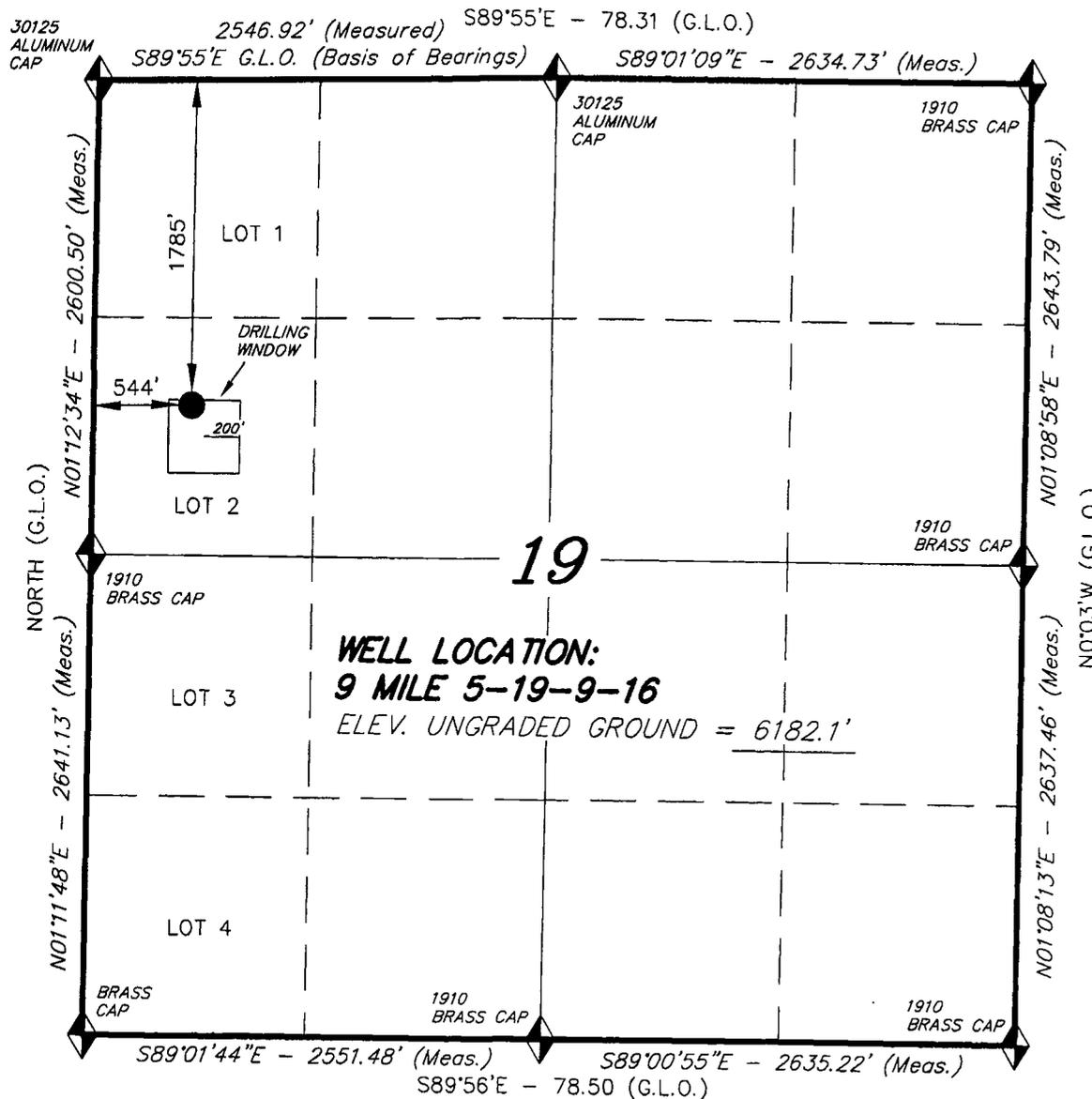
1/2 Mile Radius Map
Duchesne & Uintah Counties

1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 693-0102

January 25, 2012

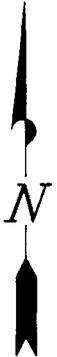
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

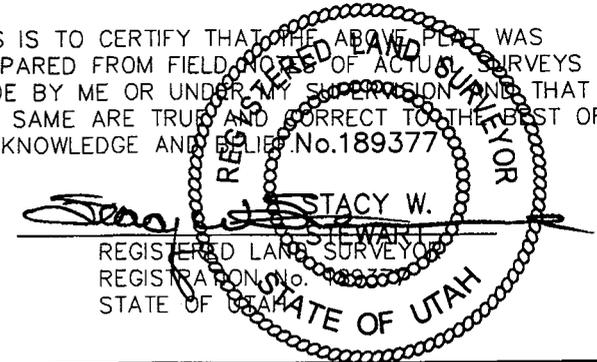


WELL LOCATION, 9 MILE 5-19-9-16,
LOCATED AS SHOWN IN THE SW 1/4 NW
1/4 OF SECTION 19, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.

ATTACHMENT A-1



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



◆ = SECTION CORNERS LOCATED

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

9 MILE 5-19-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 07.17"
LONGITUDE = 110° 10' 09.22"

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 4-3-06	SURVEYED BY: C.M.
DATE DRAWN: 4-10-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, LOTS 3, 4 Section 19: NE, E2NW, LOTS 1, 2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Coproration	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 Corporation MYCO Industries Inc OXY Y-1 Company Yates Petroleum Coproration	USA
3	T9S-R15E SLM Section 23: SENE, W2SW, NESE Section 24: S2N2, S2	USA UTU-002458 HBP	Newfield Production Company Newfield RMI LLC	USA
4	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

5 T9S-R15E SLM
Section 13: S2S2
Section 14: S2S2
Section 15: Lot 4
Section 22: NE, E2NW, Lot 1
Section 23: N2NW

USA
UTU-68548
HBP

Newfield Production Company
Newfield RMI LLC

USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #5-19-9-16

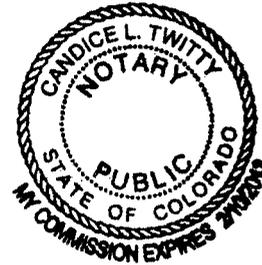
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: 
Newfield Production Company
Eric Sundberg
Regulatory Lead

Sworn to and subscribed before me this 30th day of April, 2012.

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

My Commission Expires: 02/10/2013



FEDERAL 5-19-9-16

Spud Date: 08/29/07
Put on Production: 10/08/07

GL: 6182' KB: 6194'

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.

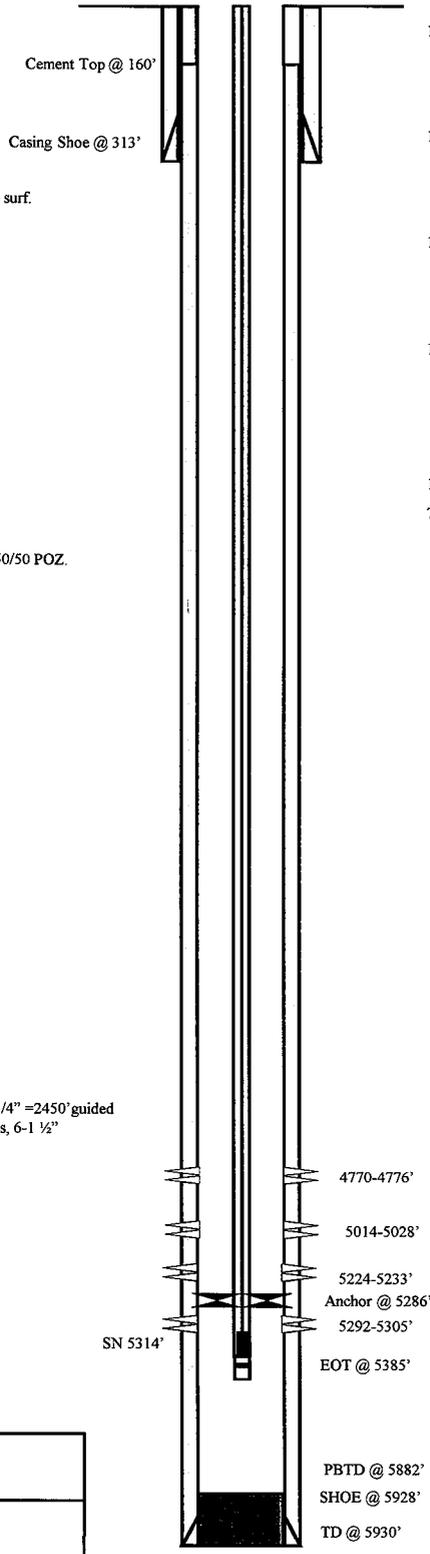
TUBING

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 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:

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

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

NEWFIELD

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

Ashley Federal 16-13-9-15

Spud Date: 6/23/05
 Put on Production: 8/12/05
 GL: 6127' KB: 6139'

Initial Production: 31 BOPD,
 14 MCFD, 51 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8 5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (304.09')
 DEPTH LANDED: 314.09' KB
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 160 sks Class G Mix. Est 6 bbls cement to pit

PRODUCTION CASING

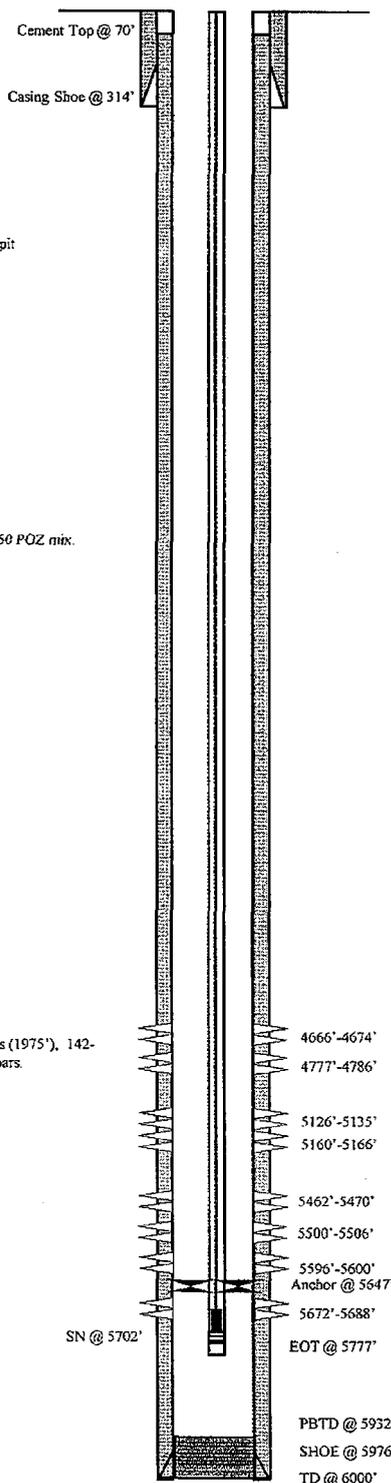
CSG SIZE: 5 1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 141 jts. (5977.86')
 DEPTH LANDED: 5975.86' KB
 HOLE SIZE: 7 7/8"
 CEMENT DATA: 325 sks Prem. Lite II mixed & 450 sks 50/50 POZ mix.
 CEMENT TOP AT: 70'

TUBING

SIZE/GRADE/AWT.: 2 7/8" / J-55 / 6.5#
 NO. OF JOINTS: 180 jts (5634.7')
 TUBING ANCHOR: 5646.7' KB
 NO. OF JOINTS: 2 jts (62.2')
 SEATING NIPPLE: 2 7/8" (1.10')
 SN LANDED AT: 5711.7' KB
 NO. OF JOINTS: 2 jts (62.8')
 TOTAL STRING LENGTH: EOT @ 5777'

SUCKER RODS

POLISHED ROD: 1 1/2" x 22'
 SUCKER RODS: 1-4' x 3/4" pony rod, 79- 7/8" 4per guided rods (1975'), 142- 3/4" guided rods (3550'), 6- 1 1/2" weight bars, 6- 7/8" stabilizer bars.
 PUMP SIZE: 2 1/2" x 1 1/4" x 14" x 16" RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM



FRAC JOB

8/8/05 5596'-5688' **Frac CP2 and CP3 sands as follows:**
 48,881#'s of 20/40s in 437 bbls lightning
 17 frac fluid. Treated @ avg press of 1399,
 w/avg rate of 24.6 bpm. ISIP 2000 psi. Calc
 flush: 5594 gal. Actual flush: 5368 gal.

8/8/05 5462'-5506' **Frac LODC sands as follows:**
 30,693#'s of 20/40 sand in 330 bbls lightning
 17 frac fluid. Treated @ avg press of 1837,
 w/avg rate of 24.9 bpm. ISIP 2260 psi. Calc
 flush: 5460 gal. Actual flush: 5212 gal.

8/9/05 5126'-5166' **Frac LODC sands as follows:**
 30,385#'s of 20/40 sand in 317 bbls
 lightning 17 frac fluid. Treated @ avg press
 of 1882, w/avg rate of 24.9 bpm. ISIP 2750
 psi. Calc flush: 5124 gal. Actual flush: 4885
 gal.

8/9/05 4777'-4786' **Frac C sands as follows:**
 39,987#'s of 20/40 sand in 370 bbls
 lightning 17 frac fluid. Treated @ avg press
 of 1674, w/avg rate of 24.7 bpm. ISIP 1800
 psi. Calc flush: 4775 gal. Actual flush: 4536
 gal.

8/9/05 4666'-4674' **Frac D2 sands as follows:**
 35,978#'s of 20/40 sand in 349 bbls
 lightning 17 frac fluid. Treated @ avg press
 of 1831, w/avg rate of 24.6 bpm. ISIP 1950
 psi. Calc flush: 4664 gal. Actual flush: 4536
 gal.

6/30/08
 1/28/09
 1/10/10
 6/17/2010
 7/2/2010
 3/30/12

Hole in Tubing. Rod & tubing detail updated.
 Tubing Leak. Updated r & t detail.
 Parted rods. Updated rod and tubing detail.
 Parted rods. Updated rod and tubing detail.
 Parted rods. Updated rod and tubing detail.
 Parted rods: updated rod & tubing detail.

PERFORATION RECORD

Date	Interval	Tool	Holes
8/3/05	5672'-5688'	4 JSPP	64 holes
8/3/05	5596'-5600'	4 JSPP	16 holes
8/8/05	5500'-5506'	4 JSPP	24 holes
8/8/05	5462'-5470'	4 JSPP	32 holes
8/9/05	5160'-5166'	4 JSPP	24 holes
8/9/05	5126'-5135'	4 JSPP	36 holes
8/9/05	4777'-4786'	4 JSPP	36 holes
8/9/05	4666'-4674'	4 JSPP	32 holes



Ashley Federal 16-13-9-15
 682' FSL & 523' FEL
 SE/SE Section 13-T9S-R15E
 Duchesne Co, Utah
 API #43-013-32668, Lease #UTU-68548

ML 7/20/2010
 HC 4/5/12

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

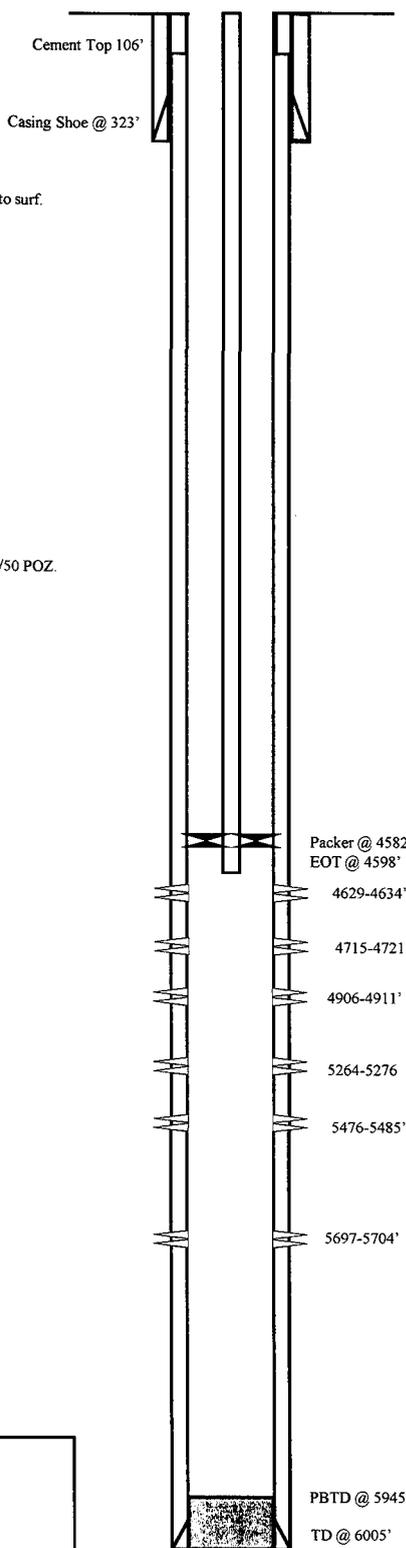
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.56')
 DEPTH LANDED: 323.46' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, est 5 bbls cmt to surf.

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

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

NEWFIELD

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 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

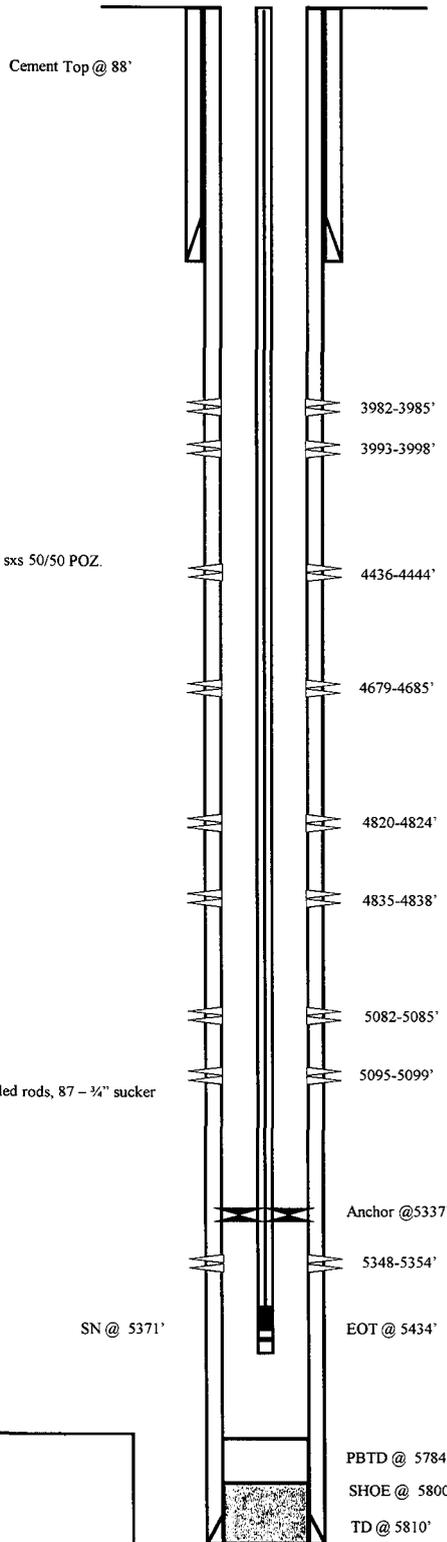
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 145 jts. (5772')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5799.81'
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 88'

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 CP1 sands as follows: Frac with 19980# 20/40 sand in 165 bbls Lightning 17 fluid.
7-1-09	5082-5099'	Frac LODC 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



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 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.

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.

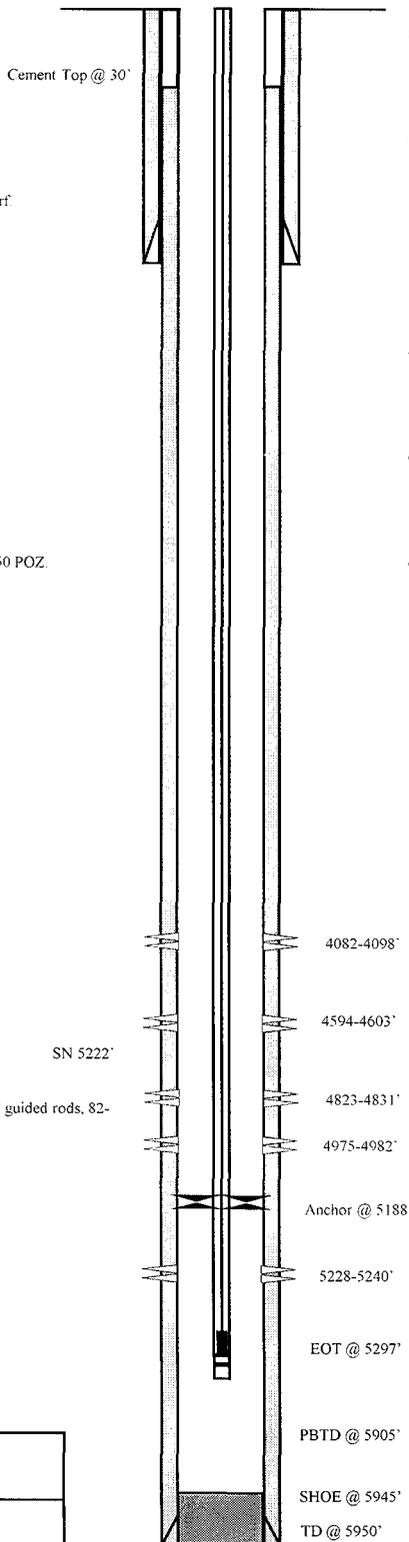
06/27/07 4594-4603' **Frac D1 sands as follows:**
 69977# 20/40 sand in 571 bbls Lightning 17 frac fluid. Treated @ avg press of 1748 psi w/avg rate of 24.8 BPM. ISIP 1927 psi. Calc flush: 4592 gal. Actual flush: 4074 gal.

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





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 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

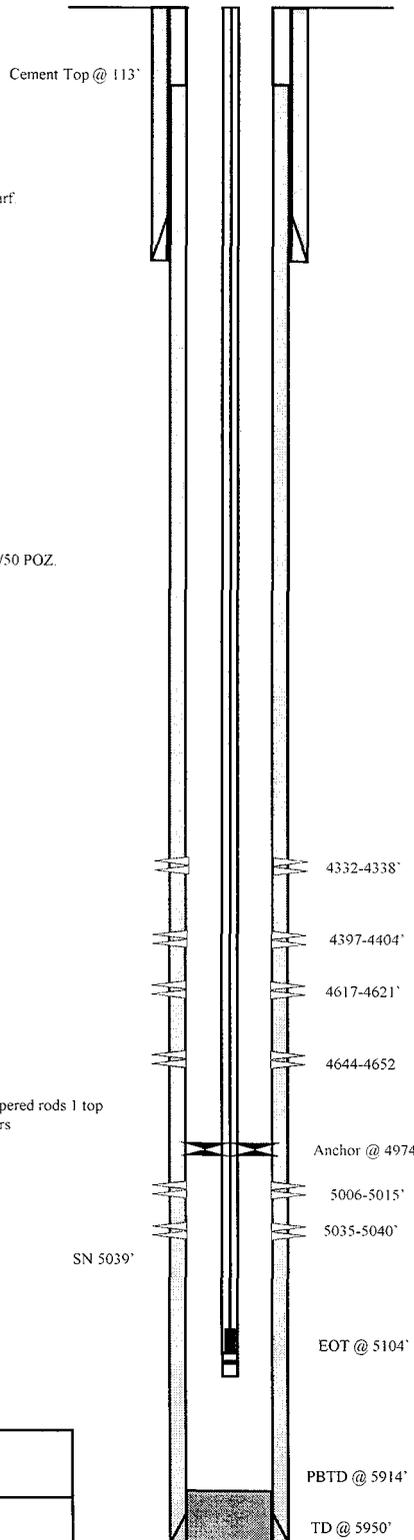
POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 1-4', & 1-2' x 3/4" pony rods, 99-3/4" scraped rods 1 top new, 36-3/4" slick rods, 59-3/4" scraped rods, 6-1 1/2 Wt Bars
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16" x 17" RHAC
 STROKE LENGTH: 102"
 PUMP SPEED, 5 SPM:

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 JSPP	20 holes
5006-5015'	4 JSPP	36 holes
4644-4652'	4 JSPP	32 holes
4617-4621'	4 JSPP	16 holes
4397-4404'	4 JSPP	28 holes
4332-4338'	4 JSPP	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

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'

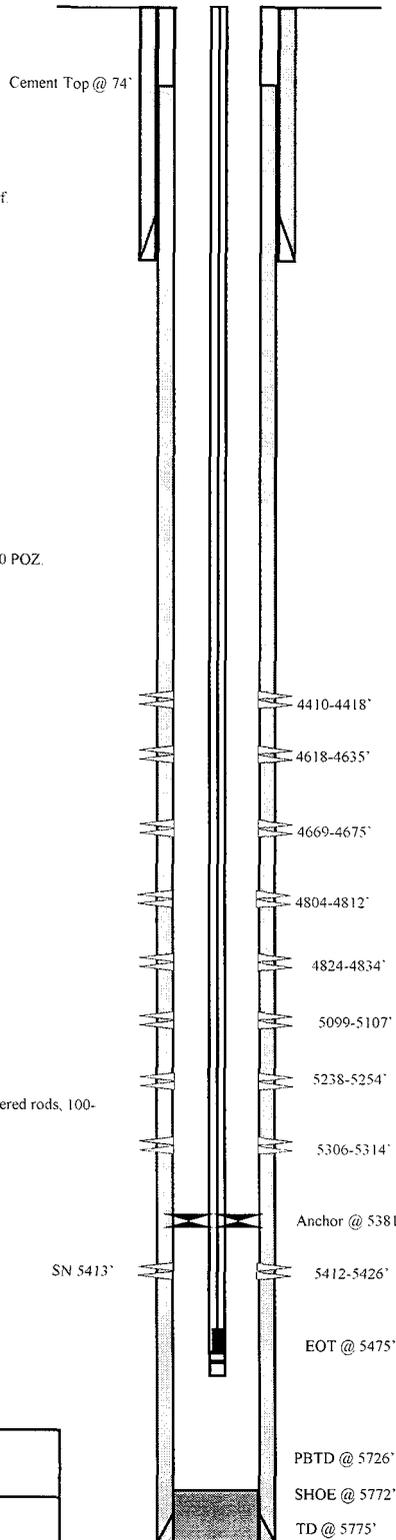
TUBING

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

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

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 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

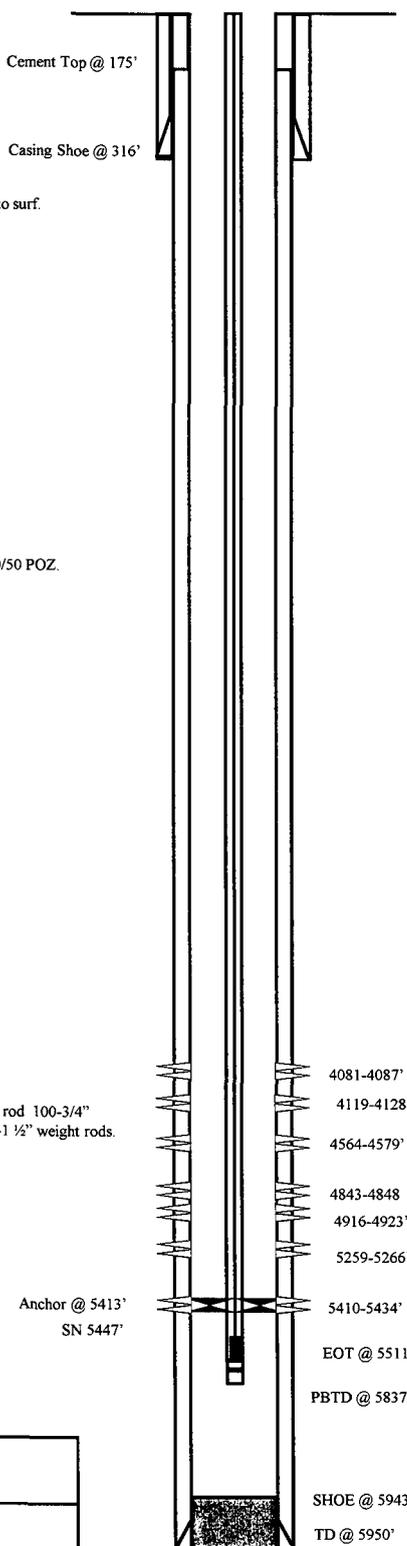
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 172 jts (5412.80')
 TUBING ANCHOR: 5412.80' KB
 NO. OF JOINTS: 1 jts (31.50')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5447.10' KB
 NO. OF JOINTS: 2 jts (62.06')
 TOTAL STRING LENGTH: EOT @ 5510.71' KB

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: CD1 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 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

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 11-19-9-16

Spud Date: 10-09-07
 Put on Production: 1-8-08
 GL: 6199' KB: 6211'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (310.34')
 DEPTH LANDED: 320.34'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, circ. 8 bbl to surf.

PRODUCTION CASING

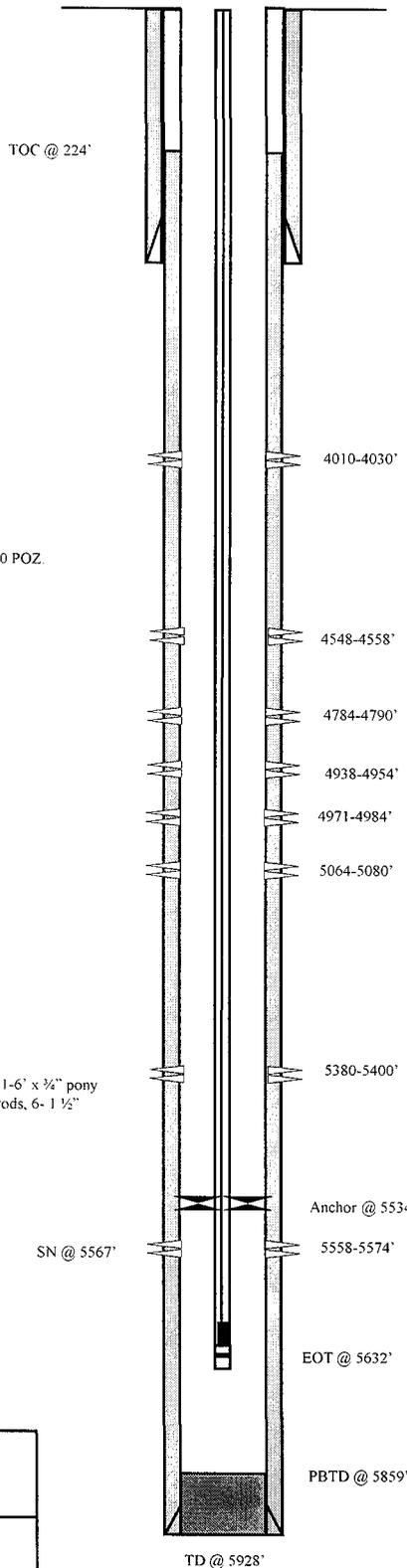
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 152jts. (5907.45')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5905.45'
 CEMENT DATA: 300 sk Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 224' per CBL 12/14/07

TUBING (GI 12/15/11)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 176 jts (5521.9)
 TUBING ANCHOR: 5533.9'
 NO. OF JOINTS: 1 jts (30.1')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5566.8'
 NO. OF JOINTS: 2 jts (62.70')
 NOTCHED COLLAR: 2-7/8" (0.5')
 TOTAL STRING LENGTH: EOT @ 5632'

SUCKER RODS (GI 12/15/11)

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 1-2' x 3/4" pony rods, 1-4' x 3/4" pony rods, 1-6' x 3/4" pony rods, 87-3/4" guided rods, 89-3/4" sucker rods, 38-3/4" guided rods, 6-1 1/2" weight rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' x 20 RHAC Pump
 STROKE LENGTH: 102"
 PUMP SPEED, SPM: 5
 PUMPING UNIT: DARCO C-320-256-120



FRAC JOB

12-26-07	5558-5574'	Frac CP2 sands as follows: Frac with 59775# 20/40 sand in 533bbbs Lightning 17 fluid. Treat at 1825 psi @ 23 BPM. ISIP 2111 psi.
12-26-07	5380-5400'	Frac LODC sands as follows: Frac with 59263# 20/40 sand in 528 bbbs Lightning 17 fluid. Treat at 2001psi @ 23.1 BPM. ISIP 2364psi.
12-27-7	5064-5080'	Frac LODC sands as follows: Frac with 75331# 20/40 sand in 618 bbbs Lightning 17 fluid. Treat at 2507 psi @ 29.1 BPM. ISIP 2905 psi.
12-27-07	4938-4984'	Frac A3 & A1 sand as follows: Frac with 110221# 20/40 sand in 881 bbbs Lightning 17 fluid. Treat at 1743 psi @ 23 BPM. ISIP 2079 psi.
12-27-07	4784-4790'	Frac B.5 sands as follows: Frac with 20091# 20/40 sand in 301 bbbs Lightning 17 fluid. Treat at 2034 psi @ 23 BPM. ISIP 2027 psi.
12-27-07	4548-4558'	Frac D1 sands as follows: Frac with 50552# 20/40 sand in 442 bbbs Lightning 17 fluid. Treat at 1639 psi @ 23.1 BPM. ISIP 2088 psi.
12-27-07	4010-4030'	Frac GB4 sands as follows: Frac with 44039# 20/40 sand in 416 bbbs Lightning 17 fluid. Treat at 1391 psi @ 23 BPM. ISIP 1434 psi.
9-16-08		Parted rod. Updated rod & tubing details.
6/15/09		Tubing Leak. Updated r & t details.

PERFORATION RECORD

4010-4030'	4 JSPF	80 holes
4548-4558'	4 JSPF	40 holes
4784-4790'	4 JSPF	24 holes
4938-4954'	4 JSPF	64 holes
4971-4984'	4 JSPF	52 holes
5064-5080'	4 JSPF	64 holes
5380-5400'	4 JSPF	80 holes
5558-5574'	4 JSPF	64 holes



Federal 11-19-9-16
 1778' FSL & 2197' FWL
 NESW Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33160; Lease #UTU-74391

FEDERAL 12-19-9-16

Spud Date: 05/04/07
 Put on Production: 03/28/07
 GL: 6024' KB: 6036'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (312.23')
 DEPTH LANDED: 324.08' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 169 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 (5741.84')
 DEPTH LANDED: 5744.09' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem Lite II mixed & 451 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 148 jts (4724.60')
 TUBING ANCHOR: 4736.60' KB
 NO. OF JOINTS: 1 jts (31.37')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4770.77' KB
 NO. OF JOINTS: 2 jts (63.07')
 TOTAL STRING LENGTH: EOT @ 4835.39' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 1-6" & 1-8" x 3/4" pony rods, 99-3/4" guided rods, 75-3/4" plain rods, 10-3/4" guided 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, 5 SPM.

FRAC JOB

06/06/07 4764-4774' **Frac A1 sands as follows:**
 49572# 20/40 sand in 420 bbls Lightning 17 frac fluid. Treated @ avg press of 2181 psi w/avg rate of 24.7 BPM. ISIP 2446 psi. Calc flush: 4762 gal. Actual flush: 4301 gal.

06/06/07 4636-4584' **Frac B2 & B1 sands as follows:**
 14528# 20/40 sand in 232 bbls Lightning 17 frac fluid. Treated @ avg press of 2162 psi w/avg rate of 24.7 BPM. ISIP 1790 psi. Calc flush: 4634 gal. Actual flush: 4141 gal.

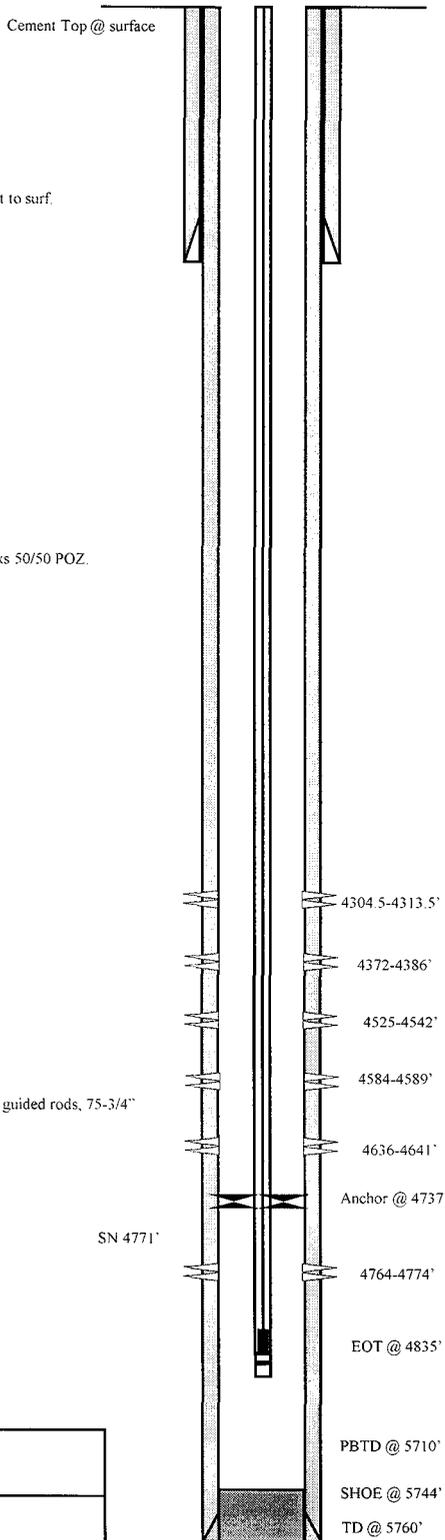
06/06/07 4525-4542' **Frac C sands as follows:**
 99094# 20/40 sand in 695 bbls Lightning 17 frac fluid. Treated @ avg press of 2017 psi w/avg rate of 24.7 BPM. ISIP 2342 psi. Calc flush: 4523 gal. Actual flush: 4040 gal.

06/06/07 4372-4386' **Frac D1 sands as follows:**
 93828# 20/40 sand in 683 bbls Lightning 17 frac fluid. Treated @ avg press of 1800 psi w/avg rate of 24.7 BPM. ISIP 2241 psi. Calc flush: 4370 gal. Actual flush: 3919 gal.

06/06/07 4304.5-4313.5' **Frac DS3 sands as follows:**
 17586# 20/40 sand in 243 bbls Lightning 17 frac fluid. Treated @ avg press of 2345 psi w/avg rate of 24.7 BPM. ISIP 2607 psi. Calc flush: 4302.5 gal. Actual flush: 4242 gal.

PERFORATION RECORD

06/06/07 4764-4774' 4 JSPF 40 holes
 06/06/07 4636-4641' 4 JSPF 20 holes
 06/06/07 4584-4589' 4 JSPF 20 holes
 06/06/07 4525-4542' 4 JSPF 68 holes
 06/06/07 4372-4386' 4 JSPF 56 holes
 06/06/07 4304.5-4313.5' 4 JSPF 36 holes





FEDERAL 12-19-9-16
 1903' FSL & 791' FWL
 NWSW Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33102; Lease # UTU-74391

ATTACHMENT E-10

Ashley Federal 2-24-9-15

Spud Date: 6-30-05
 Put on Production: 9-2-05
 GL: 6187' KB: 6199'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (304.11')
 DEPTH LANDED: 315.01' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4.5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 141 jts. (5963.71')
 DEPTH LANDED: 5976.96' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 270'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 173 jts (5636.4')
 TUBING ANCHOR: 5648.4' KB
 NO. OF JOINTS: 1 jts (63.3')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5714.5' KB
 NO. OF JOINTS: 2 jts (66.10')
 TOTAL STRING LENGTH: EOT @ 5783' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-8", 1-4" x 3/4" pony rod, 98-3/4" = 2450' 4 per guided rods, 57-3/4" = 1425' sucker rods, 66-3/4" = 1650' guided rods, 6-1 1/2" = 150' sinker rods.
 PUMP SIZE: 2-1/2" x 1-1/4" x 14' x 16' RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, 5. SPM

FRAC JOB

8-29-05 5610-5722' **Frac CP2, CP4 sands as follows:**
 50044# 20/40 sand in 432 bbls Lightning 17 frac fluid. Treated @ avg press of 1731 psi w/avg rate of 13 BPM. ISIP 1860 psi. Calc flush: 6508 gal. Actual flush: 5670 gal.

8-29-05 5428-5440' **Frac LODC sands as follows:**
 25523# 20/40 sand in 289 bbls Lightning 17 frac fluid. Treated @ avg press of 2415 psi w/avg rate of 23.4 BPM. ISIP 2030 psi. Calc flush: 5426 gal. Actual flush: 5460 gal.

8-29-05 5108-5265' **Frac LODC sands as follows:**
 60313# 20/40 sand in 476 bbls Lightning 17 frac fluid. Treated @ avg press of 2415 psi w/avg rate of 28.1 BPM. ISIP 2475 psi. Calc flush: 5106 gal. Actual flush: 5460 gal.

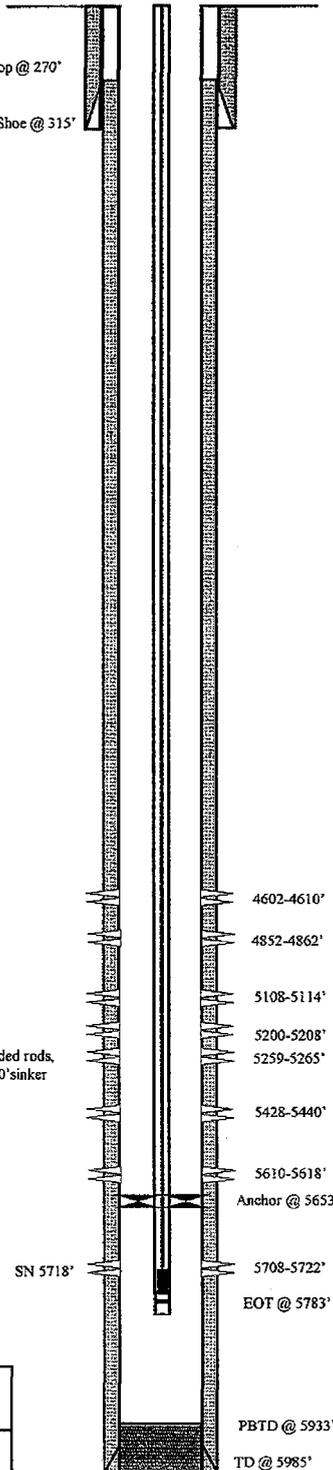
8-29-05 4852-4862' **Frac B1 sands as follows:**
 29993# 20/40 sand in 310 bbls Lightning 17 frac fluid. Treated @ avg press of 1311 psi w/avg rate of 16.8 BPM. ISIP 1830 psi. Calc flush: 4850gal. Actual flush: 4872 gal.

8-29-05 4602-4610' **Frac D1 sands as follows:**
 20865# 20/40 sand in 262 bbls Lightning 17 frac fluid. Treated @ avg press of 1648 psi w/avg rate of 16.7 BPM. ISIP 2090 psi. Calc flush: 4600 gal. Actual flush: 4494 gal

1/14/09 Tubing Leak. Updated rod & tubing details.
 11/23/10 Tubing Leak. Updated rod & tubing details
 12/6/2011 Tubing Leak. Updated rod & tubing detail.

PERFORATION RECORD

8-15-05	5610-5618'	4 JSPF	32 holes
8-15-05	5708-5722'	4 JSPF	56 holes
8-29-05	5428-5440'	4 JSPF	48 holes
8-29-05	5259-5265'	4 JSPF	24 holes
8-29-05	5200-5208'	4 JSPF	32 holes
8-29-05	5108-5114'	4 JSPF	24 holes
8-29-05	4852-4862'	4 JSPF	40 holes
8-29-05	4602-4610'	4 JSPF	32 holes



NEWFIELD

Ashley Federal 2-24-9-15

661' FNL & 1784' FEL
 NW/NE Section 24-T9S-R1SE
 Duchesne Co, Utah
 API #43-013-32645; Lease #UTU-66185

Ashley Federal 7-24-9-15

Spud Date: 3-7-05
 Put on Production: 5-4-05
 GL: 6206' KB: 6218'

Initial Production: 71 BOPD,
 22 MCFD, 96 BWPD

Injection Wellbore
 Diagram

SURFACE CASING

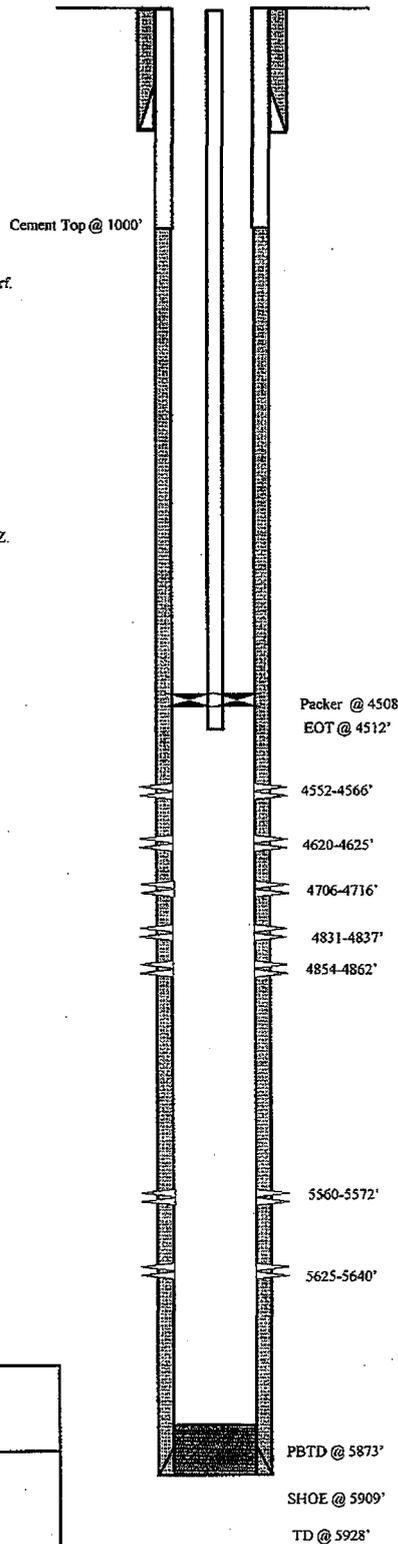
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (296.01')
 DEPTH LANDED: 306.91' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbbs cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 164 jts. (5907.41')
 DEPTH LANDED: 5908.70' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 1000'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 136 jts (4491.93')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4503.93' KB
 TOTAL STRING LENGTH: EOT @ 4512.13' KB



FRAC JOB

- 4-26-05 5560-5640' **Frac CP2 & CP 3 sand as follows:**
 90655#'s 20/40 sand in 685 bbbs Lightning
 17 frac fluid. Treated @ avg press of 1734 psi
 w/avg rate of 25 BPM. ISIP 1920 psi. Calc
 flush: 5558 gal. Actual flush: 5376 gal.
- 4-26-05 4831-4862' **Frac B2 sand as follows:**
 84061#'s 20/40 sand in 631 bbbs Lightning
 17 frac fluid. Treated @ avg press of 1880 psi
 w/avg rate of 25.2 BPM. ISIP 2230 psi. Calc
 flush: 4829 gal. Actual flush: 4700 gal.
- 4-26-05 4706-4716' **Frac C, sand as follows:**
 20554#'s 20/40 sand in 248 bbbs Lightning
 17 frac fluid. Treated @ avg press of 2559 psi
 w/avg rate of 25 BPM. ISIP 2500 psi. Calc
 flush: 4704 gal. Actual flush: 4578 gal.
- 4-26-05 4552-4625' **Frac D1 & D2 sand as follows:**
 93372#'s 20/40 sand in 655 bbbs Lightning
 17 frac fluid. Treated @ avg press of 1840 psi
 w/avg rate of 25.1 BPM. ISIP 2065 psi. Calc
 flush: 52220 gal. Actual flush: 4548 gal.
- 5-23-05 Pump Change. Update rod and tubing detail.
- 1/10/07 Well converted to an Injection well. MIT
 completed and submitted.

PERFORATION RECORD

Date	Interval	Tool	Holes
4-15-05	5560-5572'	4 JSPF	48 holes
4-15-05	5625-5640'	4 JSPF	60 holes
4-26-05	4831-4837'	4 JSPF	24 holes
4-26-05	4854-4862'	4 JSPF	32 holes
4-26-05	4706-4716'	4 JSPF	40 holes
4-26-05	4552-4566'	4 JSPF	56 holes
4-26-05	4620-4625'	4 JSPF	20 holes

NEWFIELD

Ashley Federal 7-24-9-15
 2067' FNL & 2095' FEL
 SW/NE Section 24-T9S-R15E
 Duchesne Co, Utah
 API #43-013-32485; Lease #UTU-02458

ATTACHMENT E-12

Ashley Federal 8-24-9-15

Spud Date: 7-5-06
 Put on Production: 9-1-06
 GL: 6201' KB: 6213'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (309.21')
 DEPTH LANDED: 321.06' 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: 135 jts (5918.43')
 DEPTH LANDED: 5931.68' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 350'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 165 jts (5559.84')
 TUBING ANCHOR: 5239.99' KB
 NO. OF JOINTS: 1 jts (31.74')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5274.53' KB
 NO. OF JOINTS: 2 jts (63.37')
 TOTAL STRING LENGTH: EOT @ 5339.45' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-8", 1-6", 2-4", & 1-2" X 3/4" pony rods, 99- 3/4" scraped rods, 94- 3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM

FRAC JOB

08-29-06 5257-5272' **Frac LODC sands as follows:**
 40499# 20/40 sand in 430 bbls Lightning 17 frac fluid. Treated @ avg press of 2365 psi w/avg rate of 25 BPM. ISIP 2475 psi. Calc flush: 5255 gal. Actual flush: 4746 gal.

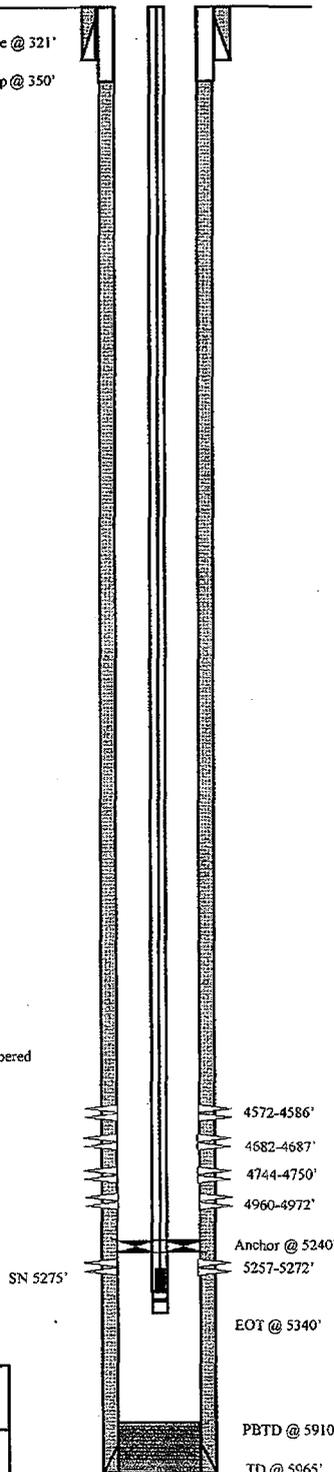
08-29-06 4960-4972' **Frac A1 sands as follows:**
 70637# 20/40 sand in 522 bbls Lightning 17 frac fluid. Treated @ avg press of 1895 psi w/avg rate of 25 BPM. ISIP 1950 psi. Calc flush: 4958 gal. Actual flush: 4444 gal.

08-29-06 4682-4750' **Frac C, & D3 sands as follows:**
 34614# 20/40 sand in 374 bbls Lightning 17 frac fluid. Treated @ avg press of 2035psi w/avg rate of 24.9 BPM. ISIP 1750 psi. Calc flush: 4680 gal. Actual flush: 4162 gal.

08-29-06 4572-4586' **Frac D1 sands as follows:**
 75771# 20/40 sand in 562 bbls Lightning 17 frac fluid. Treated @ avg press of 1955 w/ avg rate of 25 BPM. ISIP 2025 psi. Calc flush: 4570 gal. Actual flush: 4440 gal.

PERFORATION RECORD

08-16-06	5257-5272'	4 JSPF	60 holes
08-29-06	4960-4972'	4 JSPF	48 holes
08-29-06	4744-4750'	4 JSPF	24 holes
08-29-06	4682-4687'	4 JSPF	20 holes
08-29-06	4572-4586'	4 JSPF	56 holes



NEWFIELD

Ashley Federal 8-24-9-15

2130' FNL & 584' FEL

SE/NE Section 24-T9S-R15E

Duchesne Co, Utah

API # 43-013-32818, Lease # UTU-02458

Ashley Federal 9-24-9-15

Spud Date: 7-7-06
 Put on Production: 8-30-06
 GL: 6242' KB: 6254'

Initial Production: BOPD,
 MCFD, BWPD

Injection Wellbore Diagram

SURFACE CASING

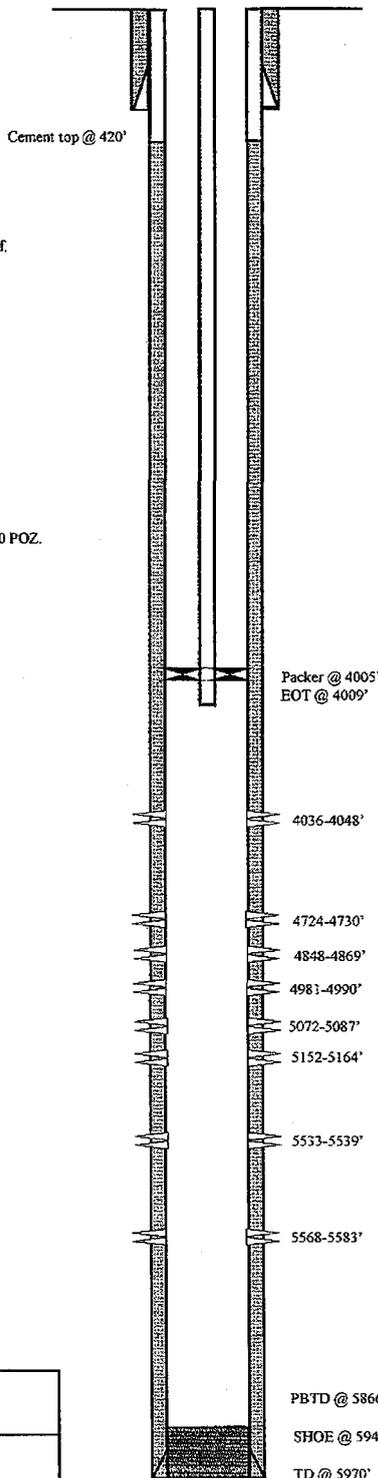
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (309.97')
 DEPTH LANDED: 314.77' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 136 jts (5933.97')
 DEPTH LANDED: 5947.22' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 420'

TUBING

SIZE/GRADE/AWT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 126 jts (3988.71')
 SN LANDED AT: 4000.71' KB
 TOTAL STRING LENGTH: EOT @ 4009.11' KB



FRAC JOB

08-22-06	5533-5583'	Frac CP1, & CP3 sands as follows: 49445# 20/40 sand in 430 bbls Lightning 17 frac fluid. Treated @ avg press of 1798 psi w/avg rate of 25.1 BPM. ISIP 1800 psi. Calc flush: 5531 gal. Actual flush: 4998 gal.
08-22-06	5152-5164'	Frac LODC sands as follows: 33453# 20/40 sand in 385 bbls Lightning 17 frac fluid. Treated @ avg press of 2733 psi w/avg rate of 24.9 BPM. ISIP 2600 psi. Calc flush: 5150 gal. Actual flush: 4704 gal.
08-24-06	5072-5087'	Frac LODC sands as follows: 33580# 20/40 sand in 441 bbls Lightning 17 frac fluid. Treated @ avg press of 2730 psi w/avg rate of 24.9 BPM. ISIP 3000 psi. Calc flush: 5070 gal. Actual flush: 4620 gal.
08-24-06	4981-4990'	Frac A1 sands as follows: 29436# 20/40 sand in 360 bbls Lightning 17 frac fluid. Treated @ avg press of 2150 w/ avg rate of 25 BPM. ISIP 2200 psi. Calc flush: 4979 gal. Actual flush: 4536 gal.
08-25-06	4848-4869'	Frac B2 sands as follows: 120080# 20/40 sand in 824 bbls Lightning 17 frac fluid. Treated @ avg press of 2010 w/ avg rate of 25.1 BPM. ISIP 2450 psi. Calc flush: 4846 gal. Actual flush: 4368 gal.
08-25-06	4036-4730'	Frac C, GB4 sands as follows: 49591# 20/40 sand in 394 bbls Lightning 17 frac fluid. Treated @ avg press of 1936 w/ avg rate of 25.1 BPM. ISIP 1850 psi. Calc flush: 4034 gal. Actual flush: 3906 gal.
10/27/06		Pump Change. Update rod and tubing details.
9/29/08		Well converted to an Injection Well.
10/13/08		MIT completed and submitted.

PERFORATION RECORD

08-11-06	5568-5583'	4 JSFP	60 holes
08-11-06	5533-5539'	4 JSFP	24 holes
08-22-06	5152-5164'	4 JSFP	48 holes
08-22-06	5072-5087'	4 JSFP	60 holes
08-24-06	4981-4990'	4 JSFP	36 holes
08-25-06	4848-4869'	4 JSFP	84 holes
08-25-06	4724-4730'	4 JSFP	24 holes
08-25-06	4036-4048'	4 JSFP	48 holes

NEWFIELD

Ashley Federal 9-24-9-15

2009' FSL & 755' FEL
 NE/SE Section 24-T9S-R15E
 Duchesne Co, Utah
 API # 43-013-32819; Lease # UTU-02458

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

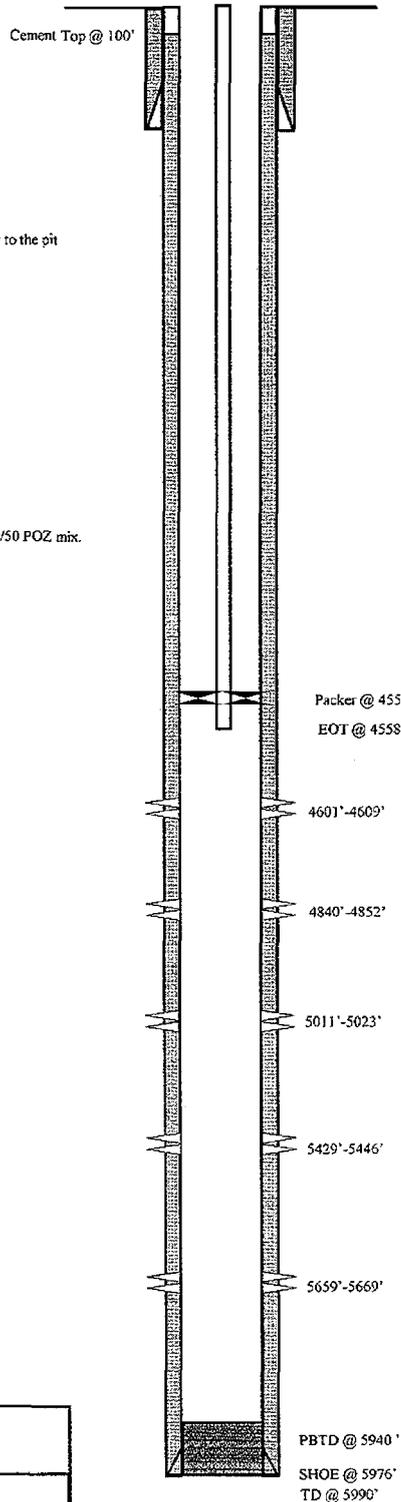
CSG SIZE: 8 5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (298.59')
 DEPTH LANDED: 308.59' KB
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 160 sxs Class "G" Mix. Est 3 bbls cement to the pit

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

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

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				

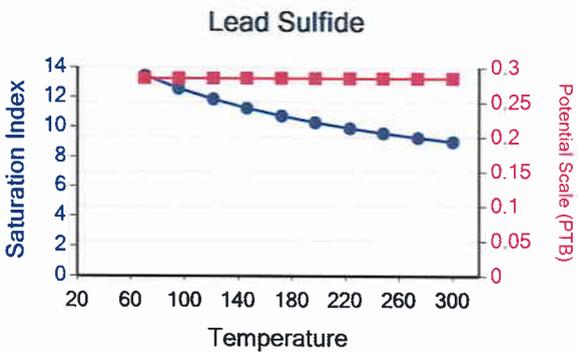
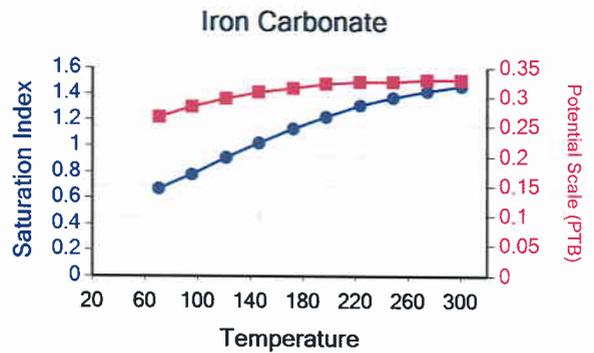
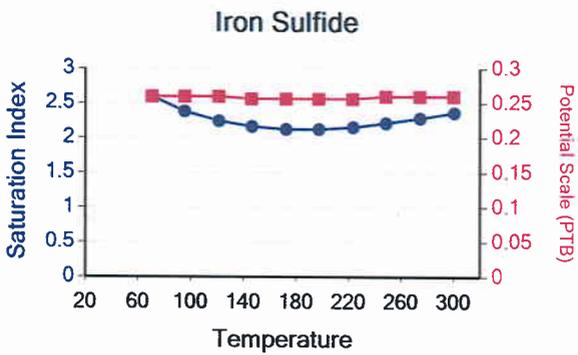
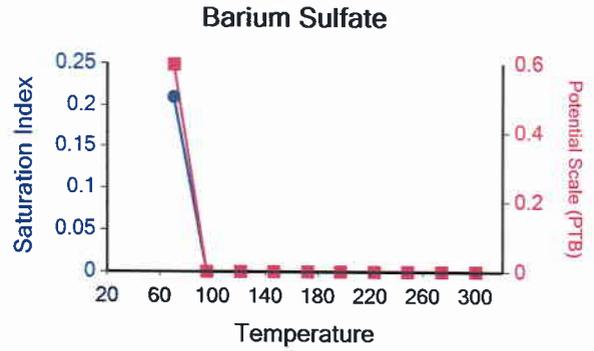
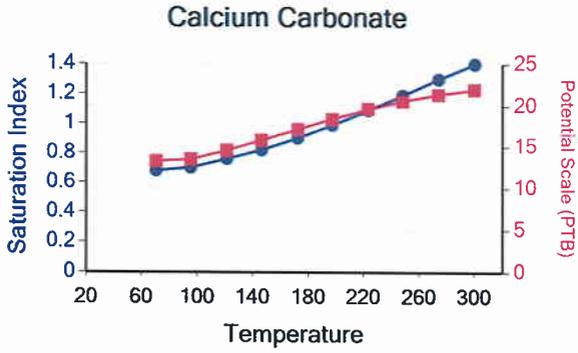
Notes:

(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**

Sales Rep: **Darren Betts**

Well Name: **FEDERAL 5-19-9-16**

Lab Tech: **Gary Peterson**

Sample Point:

Sample Date: **4/11/2012**

Sample ID: **WA-212304**

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:	4/25/2012	Sodium (Na):	7996.06	Chloride (Cl):	10000.00
System Temperature 1 (°F):	300.00	Potassium (K):	12.50	Sulfate (SO4):	5.00
System Pressure 1 (psig):	3000.0000	Magnesium (Mg):	2.00	Bicarbonate (HCO3):	4074.80
System Temperature 2 (°F):	70.00	Calcium (Ca):	5.70	Carbonate (CO3):	0.00
System Pressure 2 (psig):	14.7000	Strontium (Sr):	0.00	Acetic Acid (CH3COO)	0.00
Calculated Density (g/ml):	1.01	Barium (Ba):	25.00	Propionic Acid (C2H5COO)	0.00
pH:	8.90	Iron (Fe):	0.20	Butanoic Acid (C3H7COO)	0.00
Calculated TDS (mg/L):	22121.27	Zinc (Zn):	0.00	Isobutyric Acid ((CH3)2CHCOO)	0.00
CO2 in Gas (%):	0.00	Lead (Pb):	0.00	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):	0.01	Silica (SiO2):	0.00
H2S in Water (mg/L):	25.00				

Notes:

(PTB = Pounds per Thousand Barrels)

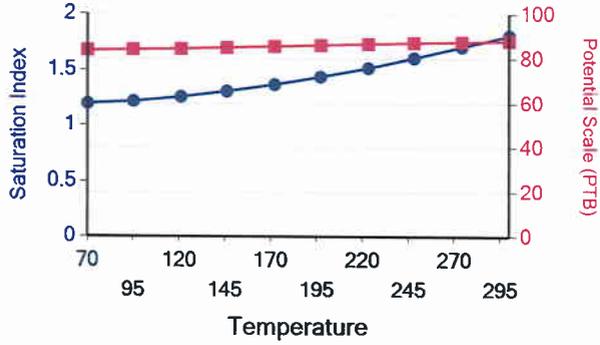
Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70.00	14.00	1.20	4.67	0.51	2.66	3.42	0.11	1.58	0.14	0.00	0.00	0.00	0.00	0.00	0.00	9.25	0.00
95.00	346.00	1.22	4.69	0.27	1.67	3.19	0.11	1.70	0.14	0.00	0.00	0.00	0.00	0.00	0.00	8.72	0.00
121.00	678.00	1.26	4.71	0.08	0.56	3.03	0.11	1.80	0.14	0.00	0.00	0.00	0.00	0.00	0.00	8.27	0.00
146.00	1009.00	1.31	4.74	0.00	0.00	2.93	0.11	1.90	0.14	0.00	0.00	0.00	0.00	0.00	0.00	7.89	0.00
172.00	1341.00	1.37	4.77	0.00	0.00	2.88	0.11	1.99	0.14	0.00	0.00	0.00	0.00	0.00	0.00	7.57	0.00
197.00	1673.00	1.44	4.81	0.00	0.00	2.86	0.11	2.07	0.14	0.00	0.00	0.00	0.00	0.00	0.00	7.30	0.00
223.00	2004.00	1.52	4.84	0.00	0.00	2.87	0.11	2.13	0.14	0.00	0.00	0.00	0.00	0.00	0.00	7.07	0.00
248.00	2336.00	1.61	4.86	0.00	0.00	2.91	0.11	2.19	0.14	0.00	0.00	0.00	0.00	0.00	0.00	6.87	0.00
274.00	2668.00	1.71	4.89	0.00	0.00	2.97	0.11	2.23	0.14	0.00	0.00	0.00	0.00	0.00	0.00	6.69	0.00
300.00	3000.00	1.81	4.91	0.00	0.00	3.04	0.11	2.26	0.14	0.00	0.00	0.00	0.00	0.00	0.00	6.53	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
70.00	14.00	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
95.00	346.00	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
121.00	678.00	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
146.00	1009.00	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
172.00	1341.00	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
197.00	1673.00	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
223.00	2004.00	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
248.00	2336.00	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
274.00	2668.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	3000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

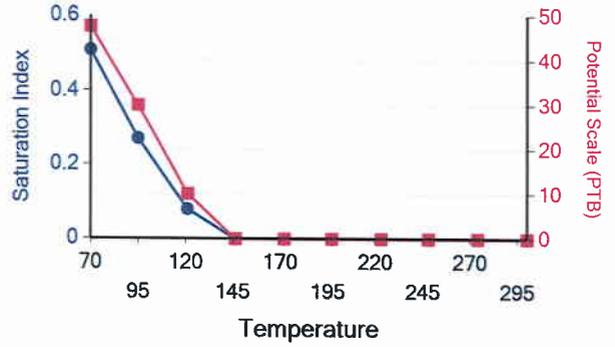
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide

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

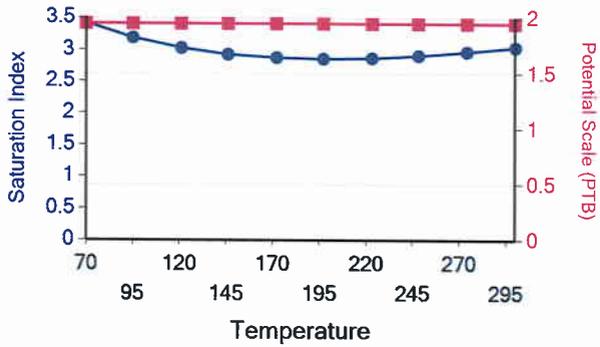
Calcium Carbonate



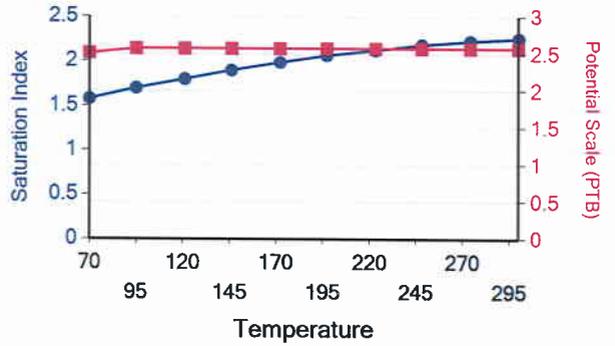
Barium Sulfate



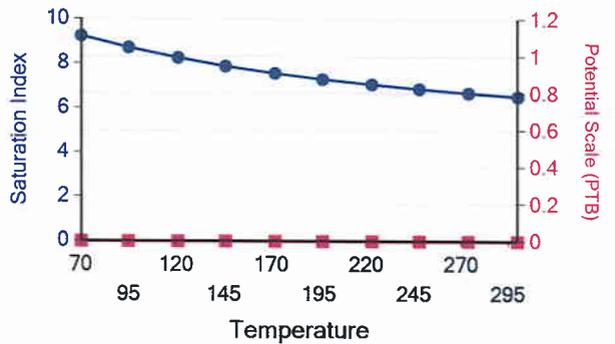
Iron Sulfide



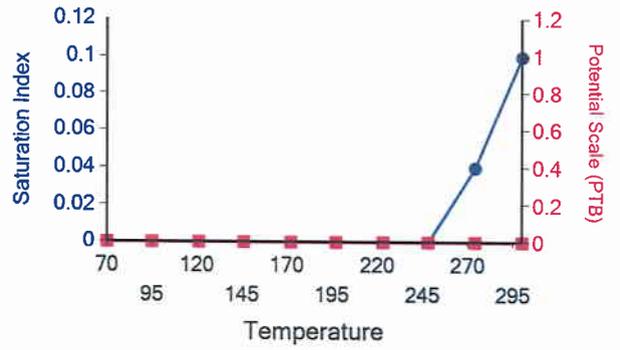
Iron Carbonate



Zinc Sulfide



Zinc Carbonate



Attachment "G"

**Federal #5-19-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5292	5305	5299	2307	0.87	2273
5224	5233	5229	2399	0.89	2365
5014	5028	5021	2070	0.85	2037 ←
4770	4776	4773	3458	1.16	3427
				Minimum	<u><u>2037</u></u>

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

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

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



DAILY COMPLETION REPORT

WELL NAME: Federal 5-19-9-16 **Report Date:** 10/2/2007 **Day:** 1
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 306' **Prod Csg:** 5-1/2" @ 5888' **Csg PBDT:** 5845' WL
Tbg: Size: _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBDT:** _____

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LODC sds	5292-5305'	4/52			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 10/1/2007 **SITP:** _____ **SICP:** 0

Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5845' & cement top @ 153'. Perforate stage #1, LODC sds @ 5292-5305' w/ 3-1/8" Slick Guns (19 gram, .49"EH. 120) w/ 4 spf for total o 52 shots. 140 BWTR. SWIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 140 **Starting oil rec to date:** _____
Fluid lost/recovered today: 0 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 140 **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	\$540
NPC NU crew	\$300
NDSI trucking	\$800
Perforators LLC	\$6,120
Drilling cost	\$295,471
Action Hot Oil	\$420
Location preparation	\$300
NPC wellhead	\$1,500
Benco - anchors	\$1,200
Admin. Overhead	\$3,000
NPC Supervision	\$300

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: \$309,951
TOTAL WELL COST: \$309,951



DAILY COMPLETION REPORT

WELL NAME: Federal 5-19-9-16 **Report Date:** 10/3/2007 **Day:** 2b
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 306' **Prod Csg:** 5-1/2" @ 5888' **Csg PBTD:** 5845' WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** _____
CBP @ 5270'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LODC sds	5224-5233'	4/36			
LODC sds	5292-5305'	4/52			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 10/2/2007 **SITP:** _____ **SICP:** 2005

Day 2b, Stage #2 LODC sds.

RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 9' per gun. Set plug @ 5270'. Perforate LODC sds @ 5224-33' w/ 3-1/8" Slick Guns (.37"EH, 23 gram, 90) w/ 4 spf for tota of 36 shots. RU BJ Services. 2005 psi on well. Frac LODC sds w/ 56,237#'s of 20/40 sand in 502 bbls of Lightning 17 fluid. Broke @ 3000 psi. Treated w/ ave pressure of 2357 psi w/ ave rate of 24.8 BPM. ISIP 2399 psi. Leave pressure on well. 1231 BWTR. See day 2c.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 729 **Starting oil rec to date:** _____
Fluid lost/recovered today: 502 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1231 **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 csg
1537 bbls to Techni-Hib & crosslink
4400 gals of pad
2944 gals w/ 1-5 ppg of 20/40 sand
5872 gals w/ 5-8 ppg of 20/40 sand
1097 gals w/ 8 ppg of 20/40 sand
504 gals of 15% HCL acid
Flush w/ 4717 gals of slick water

COSTS

BJ Services LODC	\$12,189
CD Trucking	\$1,120
NPC fuel gas	\$105
Weatherford tools	\$2,700
Lone Wolf WL	\$3,745
NPC Supervisor	\$75

****Flush called @ blender to includee 2 bbl pump/line volume****

Max TP: 2727 **Max Rate:** 24.8 bpm **Total fluid pmpd:** 502 bbls
Avg TP: 2357 **Avg Rate:** 24.8 bpm **Total Prop pmpd:** 56,237#
ISIP: 2399 **5 min:** _____ **10 min:** _____ **F.G.** .89

Completion Supervisor: Don Dulen

DAILY COST: \$19,934
TOTAL WELL COST: \$359,683



DAILY COMPLETION REPORT

WELL NAME: Federal 5-19-9-16 Report Date: 10/4/2007 Day: 3
Operation: Completion Rig: NC#3

WELL STATUS

Surf Csg: 8-5/8' @ 306' Prod Csg: 5-1/2" @ 5888' Csg PBDT: 5845' WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBDT:
CBP @ 5130', 5270'

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Rows include A3 sds, LOdc sds, and LOdc sds with corresponding perforation data.

CHRONOLOGICAL OPERATIONS

Date Work Performed: 10/3/2007 SITP: SICP:

MIRUSU. RU rig floor. X- over to tbg eq. PU TIH w/ bar NC, 163- jts 2 7/8. Tag fill @ 5003'. Clean out fill to Plg @ 5130'. CWC. TOH w/ 167- jts 2 7/8, NC. ND washhead. SDFD.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1231 Starting oil rec to date:
Fluid lost/recovered today: Oil lost/recovered today:
Ending fluid to be recovered: 1231 Cum oil recovered:
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

COSTS

Table listing various cost items and their amounts, including NC#3 (\$4,635), NPC supervision (\$300), TPS new j-55 tbg (\$23,073), CD wtr trucking (\$600), Unichem chemicals (\$400), Monks pit reclaim (\$1,800), NPC sfc eq (\$130,000), Boren welding (\$19,500), NDSI wtrdisposal (\$4,000), NPC loc cleanup (\$300), Mt West sanitation (\$300), NPC trucking (\$900), and NDSI trucking (\$600).

DAILY COST: \$186,408

Completion Supervisor: Bill Lough

TOTAL WELL COST: \$554,616



DAILY COMPLETION REPORT

WELL NAME: Federal 5-19-9-16 **Report Date:** 10/5/2007 **Day:** 4a
Operation: Completion **Rig:** NC#3

WELL STATUS

Surf Csg: 8-5/8' @ 306' **Prod Csg:** 5-1/2" @ 5888' **Csg PBDT:** 5845' WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBDT:** _____
CBP @ 5130', 5270'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<u>A3 sds</u>	<u>5014-5028'</u>	<u>4/56</u>	_____	_____	_____
<u>LODC sds</u>	<u>5224-5233'</u>	<u>4/36</u>	_____	_____	_____
<u>LODC sds</u>	<u>5292-5305'</u>	<u>4/52</u>	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

CHRONOLOGICAL OPERATIONS

Date Work Performed: 10/4/2007 **SITP:** _____ **SICP:** 580

Day 4a, Stage #3 A3 sds.

RU BJ Services. 580 psi on well. Frac A3 sds w/ 49,854#'s of 20/40 sand in 466 bbls of Lightning 17 fluid. Broke @ 1368 psi. Treated w/ ave pressure of 1934 psi w/ ave rate of 24.8 BPM. ISIP 2070 psi. Leave pressure on well. 1697 BWTR. See day 4b.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1231 **Starting oil rec to date:** _____
Fluid lost/recovered today: 466 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1697 **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: A3 sds down csg

- 1978 bbls to Techni-Hib & crosslink
- 3800 gals of pad
- 2625 gals w/ 1-5 ppg of 20/40 sand
- 5250 gals w/ 5-8 ppg of 20/40 sand
- 908 gals w/ 8 ppg of 20/40 sand
- 504 gals of 15% HCL acid
- Flush w/ 4507 gals of slick water

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

Max TP: 2246 **Max Rate:** 24.9 bpm **Total fluid pmpd:** 466 bbls

Avg TP: 1934 **Avg Rate:** 24.8 bpm **Total Prop pmpd:** 49,854#

ISIP: 2070 **5 min:** _____ **10 min:** _____ **F.G.** .85

Completion Supervisor: Bill Lough

COSTS

<u>NPC supervision</u>	<u>\$150</u>
<u>BJ Services A3</u>	<u>\$11,116</u>
<u>CD Trucking</u>	<u>\$1,080</u>
<u>NPC fuel gas</u>	<u>\$101</u>
DAILY COST:	<u>\$12,447</u>
TOTAL WELL COST:	<u>\$567,063</u>



7 of 9

DAILY COMPLETION REPORT

WELL NAME: Federal 5-19-9-16 **Report Date:** 10/5/2007 **Day:** 4b
Operation: Completion **Rig:** NC#3

WELL STATUS

Surf Csg: 8-5/8' @ 306' **Prod Csg:** 5-1/2" @ 5888' **Csg PBDT:** 5845' WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBDT:** 4880'
CBP @ 5130', 5270'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<u>C sds</u>	<u>4770-4776'</u>	<u>4/24</u>	_____	_____	_____
<u>A3 sds</u>	<u>5014-5028'</u>	<u>4/56</u>	_____	_____	_____
<u>LODC sds</u>	<u>5224-5233'</u>	<u>4/36</u>	_____	_____	_____
<u>LODC sds</u>	<u>5292-5305'</u>	<u>4/52</u>	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

CHRONOLOGICAL OPERATIONS

Date Work Performed: 10/4/2007 **SITP:** _____ **SICP:** 1715

Day 4b, Stage #4 C sds.

RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 6' perf gun Set plug @ 4880'. Perforate C sds @ 4770-76' w/ 3-1/8" Slick Guns (.37"EH, 23 gram, 90) w/ 4 spf for total of 24 shots. RU BJ Services. 1715 psi on well. Frac C sds w/ 16,441#s of 20/40 sand in 257 bbls of Lightning 17 fluid Broke @ 2947 psi. Treated w/ ave pressure of 2243 psi w/ ave rate of 24.8 BPM. ISIP 3458 psi. Open well to pit for immediate flowback @ 1 bpm. Well flowed for 3 hrs. & died. Recovered 180 bbls. ND frac head & BOP. RU production head & BOP. RU rig floor. TIH w/ chomp bit & 100- jts 2 7/8. SDFD.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1697 **Starting oil rec to date:** _____
Fluid lost/recovered today: _____ **Oil lost/recovered today:** _____
Ending fluid to be recovered: _____ **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

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

Procedure or Equipment detail: C sds down csg
1487 bbls to Techni-Hib & crosslink
1500 gals of pad
1149 gals w/ 1-4 ppg of 20/40 sand
1988 gals w/ 4-6.5 ppg of 20/40 sand
Flush w/ 4683gals of slick water

COSTS

NC#3	\$4,486
NPC supervision	\$300
BJ Services C	\$17,379
CD Trucking	\$360
NPC fuel gas	\$34
Lone Wolf WL	\$4,389
Weatherford tools	\$3,200
_____	_____
_____	_____
_____	_____

Max TP: 2441 **Max Rate:** 24.9 bpm **Total fluid pmpd:** 257 bbls
Avg TP: 2243 **Avg Rate:** 24.8 bpm **Total Prop pmpd:** 16,441#
ISIP: 3458 **5 min:** _____ **10 min:** _____ **F.G.** 1.15
Completion Supervisor: Bill Lough

DAILY COST: _____ \$30,148
TOTAL WELL COST: _____ \$597,211

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4720'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 181' balance plug using 21 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 42 sx Class "G" cement down 5 ½" casing to 363'

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

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

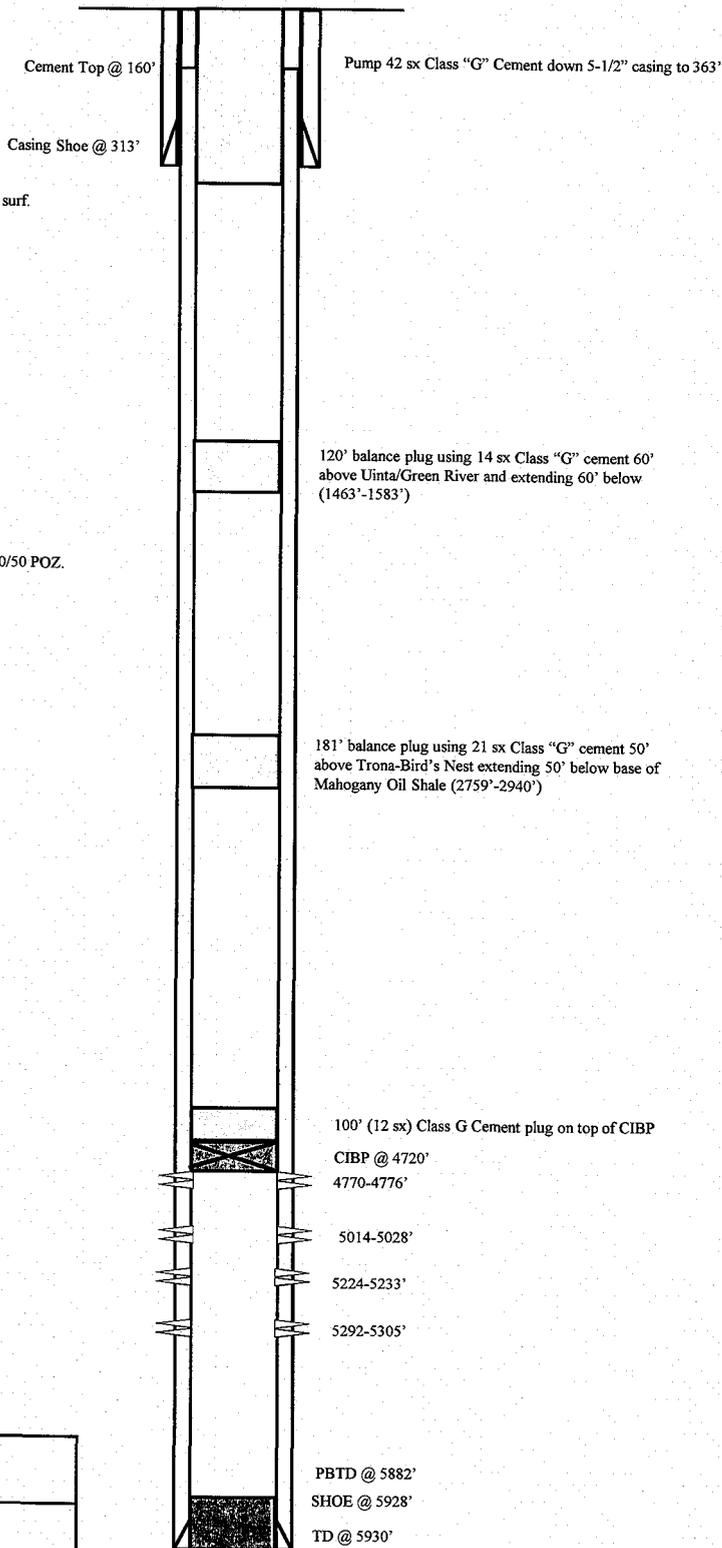
Proposed P & A Wellbore Diagram

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.




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

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-392

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 12, 13, 15, 17, 19, 20, 21, 22, 23, 24, AND 25, 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:

- Monument Federal 22-12J well located in SE/4 NW/4, Section 12, Township 9 South, Range 16 East
API 43-013-15796
- Federal 5-13-9-16 well located in SW/4 NW/4, Section 13, Township 9 South, Range 16 East
API 43-013-32658
- Federal 13-15-9-16 well located in SW/4 SW/4, Section 15, Township 9 South, Range 16 East
API 43-013-33136
- Federal 7-17-9-16 well located in SW/4 NE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33030
- Federal 1-19-9-16 well located in NE/4 NE/4, Section 19, Township 9 South, Range 16 East
API 43-013-33062
- Federal 5-19-9-16 well located in SW/4 NW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33174
- Federal 1-20-9-16 well located in NE/4 NE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33066
- Federal 3-20-9-16 well located in NE/4 NW/4, Section 20, Township 9 South, Range 16 East
API 43-013-33067
- Federal 5-20-9-16 well located in SW/4 NW/4, Section 20, Township 9 South, Range 16 East
API 43-013-33104
- Federal 9-20-9-16 well located in NE/4 SE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33068
- Federal 9-21-9-16 well located in NE/4 SE/4, Section 21, Township 9 South, Range 16 East
API 43-013-33145
- Monument Federal 31-21-9-16Y well located in NW/4 NE/4, Section 21, Township 9 South, Range 16 East
API 43-013-31726
- Federal 1-22-9-16 well located in NE/4 NE/4, Section 22, Township 9 South, Range 16 East
API 43-013-32612
- Federal 7-22-9-16 well located in SW/4 NE/4, Section 22, Township 9 South, Range 16 East
API 43-013-33027
- Federal 3-23-9-16 well located in NE/4 NW/4, Section 23, Township 9 South, Range 16 East
API 43-013-33176

Federal 11-23-9-16 well located in NE/4 SW/4, Section 23, Township 9 South, Range 16 East
API 43-013-33178
Federal 15-23-9-16 well located in SW/4 SE/4, Section 23, Township 9 South, Range 16 East
API 43-013-33182
Federal 3-24-9-16 well located in NE/4 NW/4, Section 24, Township 9 South, Range 16 East
API 43-013-33084
Federal 15-24-9-16 well located in SW/4 SE/4, Section 24, Township 9 South, Range 16 East
API 43-013-33344
Federal 21-25Y well located in NE/4 NW/4, Section 25, Township 9 South, Range 16 East
API 43-013-31394

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 22nd day of May, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

Newfield Production Company

MONUMENT FEDERAL 22-12J, FEDERAL 5-13-9-16, FEDERAL 13-15-9-16, FEDERAL 7-17-9-16, FEDERAL 1-19-9-16, FEDERAL 5-19-9-16, FEDERAL 1-20-9-16, FEDERAL 3-20-9-16, FEDERAL 5-20-9-16, FEDERAL 9-20-9-16, FEDERAL 9-21-9-16, MONUMENT FEDERAL 31-21-9-16Y, FEDERAL 1-22-9-16, FEDERAL 7-22-9-16, FEDERAL 3-23-9-16, FEDERAL 11-23-9-16, FEDERAL 15-23-9-16, FEDERAL 3-24-9-16, FEDERAL 15-24-9-16, FEDERAL 21-25Y

Cause No. UIC-392

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 S 200 E
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 S 500 E
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

May 22, 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-392

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-392

From: Cindy Kleinfelter <classifieds@ubstandard.com>
To: Jean Sweet <jsweet@utah.gov>
Date: 5/23/2012 3:07 PM
Subject: Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-392

On 5/22/2012 2:09 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

It will be in the May 29 edition.
Thank you.
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

May 22, 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-392

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: 5/22/2012 2:32 PM
Subject: Proof for Notice of Agency Action
Attachments: OrderConf.pdf

AD# 794885
Run SL Trib 5/25/12
Cost \$331.25
Please advise of any changes
Thank You
Ken

Order Confirmation for Ad #0000794885-01

Client	DIV OF OIL-GAS & MINING	Payor Customer	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	[REDACTED]	Payor Account	[REDACTED]
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
EEmail	earlenerussell@utah.gov	Jean	kstowe

Total Amount	\$331.25			
Payment Amt	\$0.00			
Amount Due	\$331.25	<u>Tear Sheets</u>	<u>Proofs</u>	<u>Affidavits</u>
		0	0	1
Payment Method		<u>PO Number</u>	Newfield Prod UIC-392	
Confirmation Notes:				
Text:	Jean			

Ad Type	Ad Size	Color
Legal Liner	3.0 X 87 Li	<NONE>

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	05/25/2012	
Product	Placement	Position
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	05/25/2012	
Product	Placement	Position
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	05/25/2012	

Order Confirmation for Ad #0000794885-01

Ad Content Proof Actual Size

Order Confirmation for Ad #0000794885-01

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-392

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 12, 13, 15, 17, 19, 20, 21, 22, 23, 24, AND 25, 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:

Monument Federal 22-12J well located in SE/4 NW/4, Section 12, Township 9 South, Range 16 East

API 43-013-15796

Federal 5-13-9-16 well located in SW/4 NW/4, Section 13, Township 9 South, Range 16 East

API 43-013-32658

Federal 13-15-9-16 well located in SW/4 SW/4, Section 15, Township 9 South, Range 16 East

API 43-013-33136

Federal 7-17-9-16 well located in SW/4 NE/4, Section 17, Township 9 South, Range 16 East

API 43-013-33030

Federal 1-19-9-16 well located in NE/4 NE/4, Section 19, Township 9 South, Range 16 East

API 43-013-33062

Federal 5-19-9-16 well located in SW/4 NW/4, Section 19, Township 9 South, Range 16 East

API 43-013-33174

Federal 1-20-9-16 well located in NE/4 NE/4, Section 20, Township 9 South, Range 16 East

API 43-013-33066

Federal 3-20-9-16 well located in NE/4 NW/4, Section 20, Township 9 South, Range 16 East

API 43-013-33067

Federal 5-20-9-16 well located in SW/4 NW/4, Section 20, Township 9 South, Range 16 East

API 43-013-33104

Federal 9-20-9-16 well located in NE/4 SE/4, Section 20, Township 9 South, Range 16 East

API 43-013-33068

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

API 43-013-33145

Monument Federal 31-21-9-16Y well located in NW/4 NE/4, Section 21, Township 9 South, Range 16 East

API 43-013-31726

Federal 1-22-9-16 well located in NE/4 NE/4, Section 22, Township 9 South, Range 16 East

API 43-013-32612

Federal 7-22-9-16 well located in SW/4 NE/4, Section 22, Township 9 South, Range 16 East

API 43-013-33027

Federal 3-23-9-16 well located in NE/4 NW/4, Section 23, Township 9 South, Range 16 East

API 43-013-33176

Federal 11-23-9-16 well located in NE/4 SW/4, Section 23, Township 9 South, Range 16 East

API 43-013-33178

Federal 15-23-9-16 well located in SW/4 SE/4, Section 23, Township 9 South, Range 16 East

API 43-013-33182

Federal 3-24-9-16 well located in NE/4 NW/4, Section 24, Township 9 South, Range 16 East

API 43-013-33084

Federal 15-24-9-16 well located in SW/4 SE/4, Section 24, Township 9 South, Range 16 East

API 43-013-33344

Federal 21-25Y well located in NE/4 NW/4, Section 25, Township 9 South, Range 16 East

API 43-013-31394

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures. Selected zones in the Greer River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 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 22nd day of May, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ Brad Hill
Permitting Manager
794885

UPAXLP



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

July 19, 2012

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

Subject: Greater Monument Butte Unit Well: Federal 5-19-9-16, Section 19, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33174

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 3,911 feet in the Federal 5-19-9-16 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,

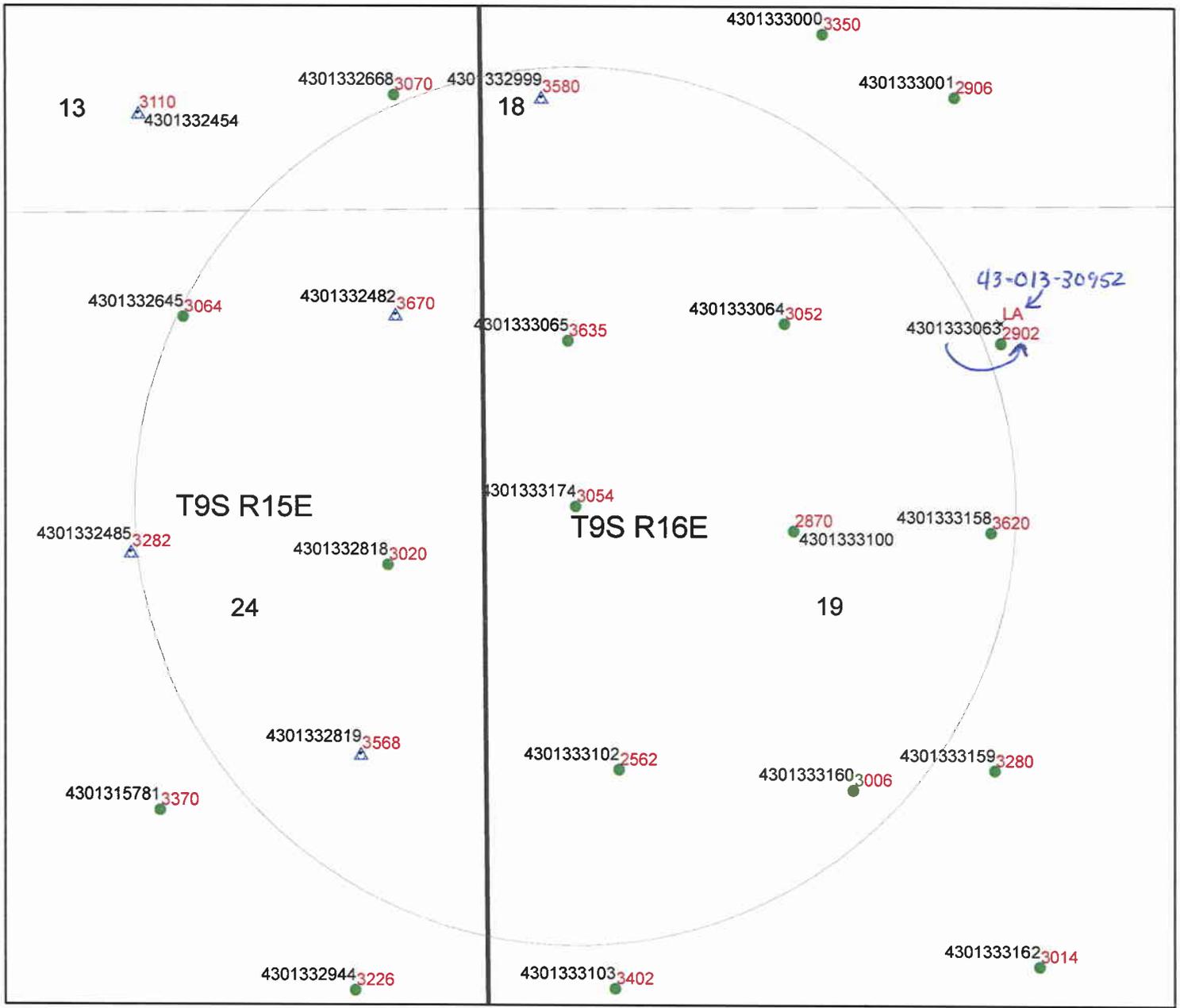
John Rogers
Associate Director

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 5-19-9-16
 API #43-013-33174
 UIC 392.6

Legend

- Buffer_of_SGID93_ENERGY_DNROilGasWells_77
- SGID93_ENERGY_DNROilGasWells
- SGID93.ENERGY.DNROilGasWells**
- GIS_STAT_TYPE**
- APD
- DRL
- GIW
- GSW
- LA
- LOC
- OPS
- PA
- PGW
- POW
- RET
- SGW
- SOW
- TA
- TW
- WDW
- MW
- WSW
- SGID93 BOUNDARIES Counties
 - SGID93_ENERGY_DNROilGasWells_HDBottom
 - SGID93_ENERGY_DNROilGasWells_HDPath
 - Wells-CbtopsMaster07_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 5-19-9-16

Location: 19/9S/16E **API:** 43-013-33174

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 313 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,928 feet. A cement bond log demonstrates adequate bond in this well up to about 3,054 feet. A 2 7/8 inch tubing with a packer will be set at 4,720 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 9 producing wells and 4 injection wells (as of May 2012, one on eastern edge) 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 3,911 feet and 5,882 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 5-19-9-16 well is 0.85 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,037 psig. The requested maximum pressure is 2,037 psig. We intend to permit this well at a maximum pressure of 2,000 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 5-19-9-16
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 7/12/2012

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 5-19-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013331740000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1785 FNL 0544 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW 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: 9/5/2012 <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 08/31/2012. New intervals perforated, CP4 sands - 5664-5667' 3 JSPF, D1 sands - 4627-4629' 3 JSPF, & D1 sands - 4623-4624' 3 JSPF. On 09/04/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/05/2012 the casing was pressured up to 1500 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 550 psig during the test. There was not a State representative available to witness the test.

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

Date: September 13, 2012

By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/6/2012	

Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: _____ Date 9/5/12 Time 9:00 (am/pm)
Test Conducted by: Michael Jensen
Others Present: _____

Well: <u>5-19-9-16</u>	Field: <u>Greater Monument Butte</u>
Well Location: <u>Federal 5-19-9-16</u>	API No: <u>4301333174</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1500</u>	psig
5	<u>1500</u>	psig
10	<u>1500</u>	psig
15	<u>1500</u>	psig
20	<u>1500</u>	psig
25	<u>1500</u>	psig
30 min	<u>1500</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

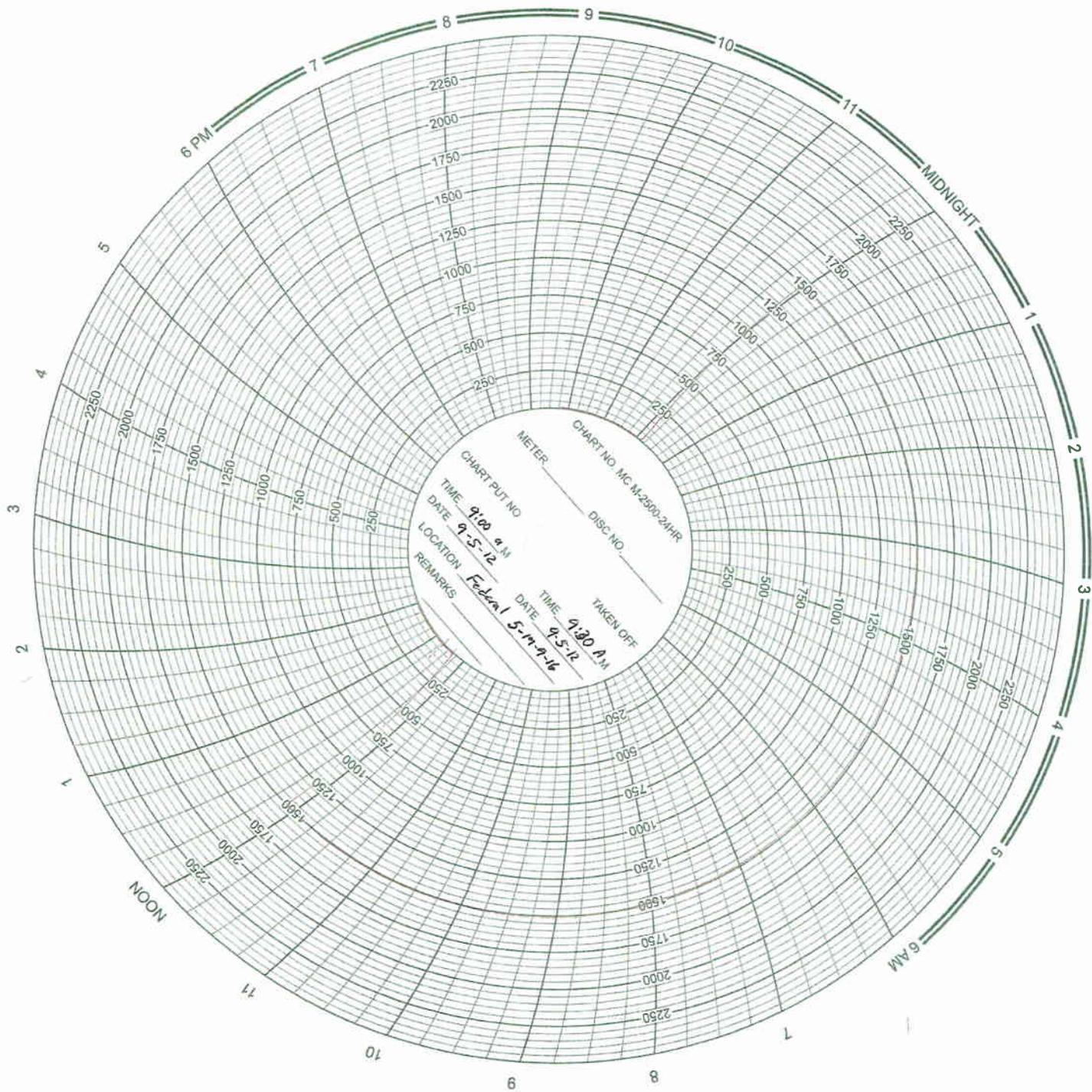
Tubing pressure: 550 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: Michael Jensen

Sundry Number: 29769 API Well Number: 43013331740000



Daily Activity Report

Format For Sundry
FEDERAL 5-19-9-16
6/1/2012 To 10/30/2012

8/28/2012 Day: 1

Conversion

WWS #7 on 8/28/2012 - MIRUSU WWS #7. LD rod string. TOOH breaking & doping collars. - MIRUSU WWS #7. Hot oiler had pumped 60 bw down csg @ 250°. RD pumping unit. Un-seat rod pump. Flush tbg & rods w/ 35 bw @ 250°. Soft seat pump. Fill & test tbg to 3000 psi w/ 3 bw. Good test. LD polished rod, 2 - 2', 1 - 4', & 2 - 8' pony subs. TOOH LD rod string. Get out of hole w/ 98 - 3/4" guided rods (4 per), 87 - 3/4" slick rods, 20 - 3/4" guided rods (4 per), & 6 - 1 1/2" wt bars. LD rod pump (flushed tbg & rods w/ 30 bw on TOOH). X-over to tbg equipment. ND well head. Release TAC. NU BOP. RU work floor. TOOH tallying, breaking collars, & applying Liquid O-Ring to threads. Get out of hole w/ 148 jts tbg (flushed w/ 30 bw on TOOH). SDFN - Crew travel. - Crew travel. - Crew travel & pre-job safety meeting. - MIRUSU WWS #7. Hot oiler had pumped 60 bw down csg @ 250°. RD pumping unit. Un-seat rod pump. Flush tbg & rods w/ 35 bw @ 250°. Soft seat pump. Fill & test tbg to 3000 psi w/ 3 bw. Good test. LD polished rod, 2 - 2', 1 - 4', & 2 - 8' pony subs. TOOH LD rod string. Get out of hole w/ 98 - 3/4" guided rods (4 per), 87 - 3/4" slick rods, 20 - 3/4" guided rods (4 per), & 6 - 1 1/2" wt bars. LD rod pump (flushed tbg & rods w/ 30 bw on TOOH). X-over to tbg equipment. ND well head. Release TAC. NU BOP. RU work floor. TOOH tallying, breaking collars, & applying Liquid O-Ring to threads. Get out of hole w/ 148 jts tbg (flushed w/ 30 bw on TOOH). SDFN - Crew travel & pre-job safety meeting. - MIRUSU WWS #7. Hot oiler had pumped 60 bw down csg @ 250°. RD pumping unit. Un-seat rod pump. Flush tbg & rods w/ 35 bw @ 250°. Soft seat pump. Fill & test tbg to 3000 psi w/ 3 bw. Good test. LD polished rod, 2 - 2', 1 - 4', & 2 - 8' pony subs. TOOH LD rod string. Get out of hole w/ 98 - 3/4" guided rods (4 per), 87 - 3/4" slick rods, 20 - 3/4" guided rods (4 per), & 6 - 1 1/2" wt bars. LD rod pump (flushed tbg & rods w/ 30 bw on TOOH). X-over to tbg equipment. ND well head. Release TAC. NU BOP. RU work floor. TOOH tallying, breaking collars, & applying Liquid O-Ring to threads. Get out of hole w/ 148 jts tbg (flushed w/ 30 bw on TOOH). SDFN - Crew travel. - Crew travel & pre-job safety meeting.

Daily Cost: \$0

Cumulative Cost: \$9,409

8/29/2012 Day: 2

Conversion

WWS #7 on 8/29/2012 - LD excess tbg. Perforate CP4 sds & D1 sds. PU RBP & PKR assembly. PU N-80 workstring. - Crew travel & pre-job safety meeting. Flush tbg w/ 30 bw @ 250°. - LD 24 jts tbg, TAC, 1 jt, PSN, BN, 2 jts, & NC. ND Washinton head. RU Extreme wlt. RIH w/ wireline perf guns. Perforate CP4 sds @ (5664'-67') & D1 sds @ (4627'-29') & (4623'-24') w/ 3 spf @ 120° phsing for a total of 18 shots. POOH w/ wireline. RD wlt. Spot tbg float, prep 7 tally tbg. MU Weatherford 5 1/2" TSRBP, HDTS PKR, & PSN. TIH PU tbg. Get in hole w/183 jts tbg. TOOH w/ 20 jts tbg. Break down perfs in AM. SDFN - Crew travel. - Crew travel & pre-job safety meeting. Flush tbg w/ 30 bw @ 250°. - LD 24 jts tbg, TAC, 1 jt, PSN, BN, 2 jts, & NC. ND Washinton head. RU Extreme wlt. RIH w/ wireline perf guns. Perforate CP4 sds @ (5664'-67') & D1 sds @ (4627'-29') & (4623'-24') w/ 3 spf @ 120° phsing for a total of 18 shots. POOH w/ wireline. RD wlt. Spot tbg float, prep 7 tally tbg. MU Weatherford 5 1/2" TSRBP, HDTS PKR, & PSN. TIH PU tbg. Get in hole w/183 jts tbg. TOOH w/ 20 jts tbg. Break down perfs in AM. SDFN - Crew travel. - Crew travel & pre-job safety meeting. Flush tbg w/ 30 bw @ 250°. - Crew travel. - LD 24 jts tbg, TAC, 1 jt, PSN, BN, 2 jts, & NC. ND Washinton head. RU Extreme wlt. RIH w/ wireline perf guns. Perforate CP4 sds @ (5664'-67') & D1 sds @ (4627'-29') & (4623'-24') w/ 3 spf @ 120° phsing for a total of 18 shots. POOH w/ wireline. RD wlt. Spot tbg float, prep 7 tally tbg. MU Weatherford 5 1/2" TSRBP, HDTS PKR, & PSN. TIH

PU tbg. Get in hole w/183 jts tbg. TOOh w/ 20 jts tbg. Break down perms in AM. SDFN

Daily Cost: \$0

Cumulative Cost: \$17,896

8/30/2012 Day: 4

Conversion

WWS #7 on 8/30/2012 - Frac & flow back CP4 sds & D1 sds. Release tools. TOOH to place EOT above perms. - Crew travel - Crew travel - RU flow back equipment. Open well for flow back @ approx 3 bpm. Flow back for 10 min. Well died. Release PKR. TIH w/ tbg. Latch onto & release RBP. TOOH w/ 4 jts tbg to get above perms. SDFN - RU flow back equipment. Open well for flow back @ approx 3 bpm. Flow back for 10 min. Well died. Release PKR. TIH w/ tbg. Latch onto & release RBP. TOOH w/ 4 jts tbg to get above perms. SDFN - Open well. 240 psi. Break down D1 sds @ 6430 psi w/ .8 bw @ 1.1 bpm. Frac D1 sds w/ 16342# 20/40 sand w/ 236 bbls Lightning 17 gelled fluid. ISDP 2122 psi. FG .89. 5 min 1595 psi. 10 min 1505 psi. 15 min 1406 psi. Max treating pressure 5345 psi. Avg treating pressure 4866 psi. Max treating rate 20.2 bpm. Avg treating rate 18.9 bpm. RDMO frac equipment. - Open well. 240 psi. Break down D1 sds @ 6430 psi w/ .8 bw @ 1.1 bpm. Frac D1 sds w/ 16342# 20/40 sand w/ 236 bbls Lightning 17 gelled fluid. ISDP 2122 psi. FG .89. 5 min 1595 psi. 10 min 1505 psi. 15 min 1406 psi. Max treating pressure 5345 psi. Avg treating pressure 4866 psi. Max treating rate 20.2 bpm. Avg treating rate 18.9 bpm. RDMO frac equipment. - Hold pre-stg safety meeting & pressure test frac equipment. - Hold pre-stg safety meeting & pressure test frac equipment. - Release PKR. TIH w/ tbg. Latch onto & release RBP. TOOH w/ tbg. Set RBP @ 4665' & PKR @ 4599'. - Release PKR. TIH w/ tbg. Latch onto & release RBP. TOOH w/ tbg. Set RBP @ 4665' & PKR @ 4599'. - RD frac equipment. RU flow back equipment. Flow back for 2 hrs 15 min to recover 203 bbls. - RD frac equipment. RU flow back equipment. Flow back for 2 hrs 15 min to recover 203 bbls. - Open well. 450 psi. Could not get break @ 7200 psi. Open by-pass on PKR. Spot 4 bbls acid to EOT. Close by-pass. Re-attempt to get break w/ out success. Release PKR. PU 1 jt tbg. Spot 4 bbls acid to EOT. LD 1 jt tbg. Re-set PKR. Re-attempt to get break. Break down CP4 sds @ 5909 psi w/ 1 bw @ 1.7 bpm. Frac w/ 18147# 20/40 sand w/ 229 bbls Lightning 17 fluid. ISDP 2088 psi. FG .80. 5 min 1890 psi. 10 min 1824 psi. 15 min 1787 psi. Max treating pressure 6364 psi. Avg treating pressure 6214 psi. Max treating rate 21.2 bpm. AVG treating rate 17.8 bpm. - Open well. 450 psi. Could not get break @ 7200 psi. Open by-pass on PKR. Spot 4 bbls acid to EOT. Close by-pass. Re-attempt to get break w/ out success. Release PKR. PU 1 jt tbg. Spot 4 bbls acid to EOT. LD 1 jt tbg. Re-set PKR. Re-attempt to get break. Break down CP4 sds @ 5909 psi w/ 1 bw @ 1.7 bpm. Frac w/ 18147# 20/40 sand w/ 229 bbls Lightning 17 fluid. ISDP 2088 psi. FG .80. 5 min 1890 psi. 10 min 1824 psi. 15 min 1787 psi. Max treating pressure 6364 psi. Avg treating pressure 6214 psi. Max treating rate 21.2 bpm. AVG treating rate 17.8 bpm. - Hold BH pre-job safety meeting. Pressure test frac equipment. - Hold BH pre-job safety meeting. Pressure test frac equipment. - Wait on Baker Hughes to RU frac equipment. - Wait on Baker Hughes to RU frac equipment. - Set PKR. - Set PKR. - Crew travel & pre-job safety meeting. - Crew travel & pre-job safety meeting. - Crew travel. - Crew travel. - Set RBP @ 4665'. Set PKR @ 4567'. Fill csg w/ 30 bw. Fill tbg w/ 10 bw. Attempt to break down D1 sds. Could not get break. Release tools. TIH w/ tbg & set RBP @ 5700'. Set PKR @ 5635'. Attempt to break down CP4 sds. Could not get break. Release PKR. RU frac valve. - Set RBP @ 4665'. Set PKR @ 4567'. Fill csg w/ 30 bw. Fill tbg w/ 10 bw. Attempt to break down D1 sds. Could not get break. Release tools. TIH w/ tbg & set RBP @ 5700'. Set PKR @ 5635'. Attempt to break down CP4 sds. Could not get break. Release PKR. RU frac valve. - Crew travel & pre-job safety meeting. - Crew travel & pre-job safety meeting. - Crew travel - Crew travel - RU flow back equipment. Open well for flow back @ approx 3 bpm. Flow back for 10 min. Well died. Release PKR. TIH w/ tbg. Latch onto & release RBP. TOOH w/ 4 jts tbg to get above perms. SDFN - RU flow back equipment. Open well for flow back @ approx 3 bpm. Flow back for 10 min. Well died. Release PKR. TIH w/ tbg. Latch onto & release RBP. TOOH w/ 4 jts tbg to get above perms. SDFN - Open well. 240 psi. Break down D1 sds @ 6430 psi w/ .8 bw @ 1.1 bpm. Frac D1 sds w/ 16342# 20/40 sand w/ 236 bbls Lightning 17 gelled fluid. ISDP 2122 psi. FG .89. 5 min

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Daily Cost: \$0

Cumulative Cost: \$85,378

9/4/2012 Day: 5

Conversion

WWS #7 on 9/4/2012 - LD N-80 workstring. TIH w/ injection string. Pressure test tbg & csg. RDMOSU WWS #7 - Retrieve SV. RD work floor. ND BOP. Install 8' tbg sub. MU wellhead bonnet. Land tbg. Circulate well bore w/ PKR fluid. Set PKR. Remove sub. Land tbg w/ 16000# tension. NU wellhead. Pressure test CSG to 1400 psi. Watch for 40 min. Good test. MU injection tree. RDMOSU WWS #7. READY FOR MIT!! - Open well. CSG on vacuum. TBG same. TOOHD LD N-80 tbg. Get out of hole w/ tbg. LD RBP & PKR assembly. - MU wireline re- entry guide, 2 3/8" XN nipple w/ 1.875 profile, 2 3/8" x 4' pup joint, 2 3/8" x 2 7/8" X-over, & Weatherford 5 1/2" AS-1X PKR. TIH w/ injection string @ follows. 4 1/2" OD retrieving head, PSN, & 147 jts 2 7/8" J-55 tbg. - Crew travel & pre-job safety meeting. - Drop SV & circulate to btm w/ rig pump. Pressure test tbg to 3000 psi. Good test. - MU wireline re- entry guide, 2 3/8" XN nipple w/ 1.875 profile, 2 3/8" x 4' pup joint, 2 3/8" x 2 7/8" X-over, & Weatherford 5 1/2" AS-1X PKR. TIH w/ injection string @ follows. 4 1/2" OD retrieving head, PSN, & 147 jts 2 7/8" J-55 tbg. - Open well. CSG on vacuum. TBG same. TOOHD LD N-80 tbg. Get out of hole w/ tbg. LD RBP & PKR assembly. - Crew travel & pre-job safety meeting. - Retrieve SV. RD work floor. ND BOP. Install 8' tbg sub. MU wellhead bonnet. Land tbg. Circulate well bore w/ PKR fluid. Set PKR. Remove sub. Land tbg w/ 16000# tension. NU wellhead. Pressure test CSG to 1400 psi. Watch for 40 min. Good test. MU injection tree. RDMOSU WWS #7. READY FOR MIT!! - Drop SV & circulate to btm w/ rig pump. Pressure test tbg to 3000 psi. Good test. - MU wireline re- entry guide, 2 3/8" XN nipple w/ 1.875 profile, 2 3/8" x 4' pup joint, 2 3/8" x 2 7/8" X-over, & Weatherford 5 1/2" AS-1X PKR. TIH w/ injection string @ follows. 4 1/2" OD retrieving head, PSN, & 147 jts 2 7/8" J-55 tbg. - Open well. CSG on vacuum. TBG same. TOOHD LD N-80 tbg. Get out of hole w/ tbg. LD RBP & PKR assembly. - Crew travel & pre-job safety meeting. - Retrieve SV. RD work floor. ND BOP. Install 8' tbg sub. MU wellhead bonnet. Land tbg. Circulate well bore w/ PKR fluid. Set PKR. Remove sub. Land tbg w/ 16000# tension. NU wellhead. Pressure test CSG to 1400 psi. Watch for 40 min. Good test. MU injection tree. RDMOSU WWS #7. READY FOR MIT!! - Drop SV & circulate to btm w/ rig pump. Pressure test tbg to 3000 psi. Good test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$124,601

9/6/2012 Day: 6

Conversion

Rigless on 9/6/2012 - Conduct initial MIT - On 09/04/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/05/2012 the casing was pressured up to 1500 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 550 psig during the test. There was not a State representative available to witness the test. - On 09/04/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/05/2012 the casing was pressured up to 1500 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 550 psig during the test. There was not a State representative available to witness the test. - On 09/04/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/05/2012 the casing was pressured up to 1500 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 550 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$212,871

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 5-19-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013331740000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1785 FNL 0544 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW 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: 9/26/2012	<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 type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The above reference well was put on injection at 2:00 PM on
09/26/2012.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
October 02, 2012**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/27/2012	

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

FEDERAL 5-19-9-16

Injection Wellbore Diagram

SURFACE CASING

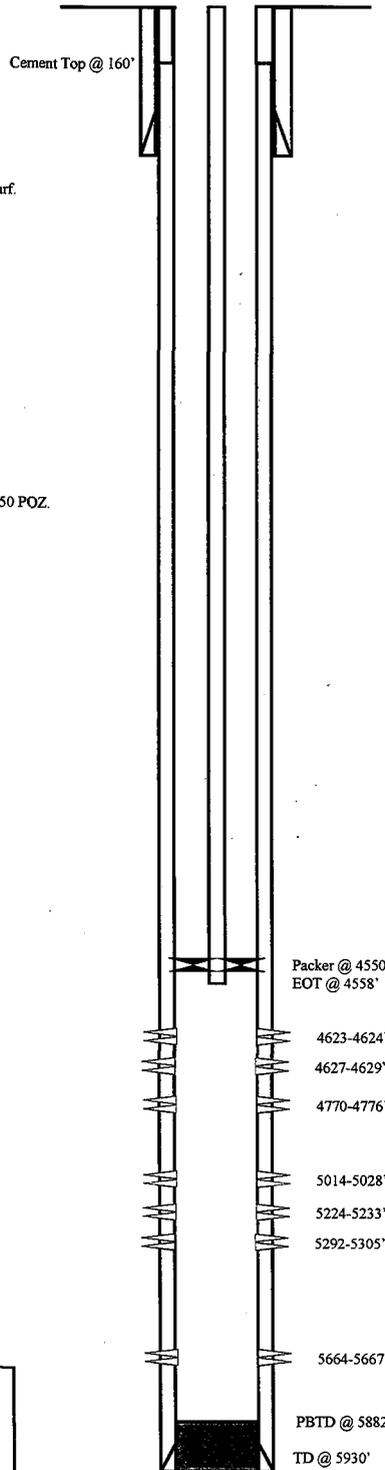
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (301.00')
 DEPTH LANDED: 312.85' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

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: 147 jts (4532.2')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4544.2' KB
 RETRIEVING HEAD 4-1/2" N-80 AT: 4545.3'
 PACKER CE AT: 4550.4' w/ 1.875 profile X-nipple
 TBG PUP 2-3/8" J-55 AT: 4554.1'
 TOTAL STRING LENGTH: EOT @ 4558' KB



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.

08/30/12 5664-5667' **Frac CP4 sands as follows:**
 18147# 20/40 sand in 229 bbls Lightning 17 frac fluid.

08/30/12 4623-4629' **Frac D1 sands as follows:**
 16342# 20/40 sand in 236 bbls Lightning 17 frac fluid.

08/31/12 **Convert to Injection Well**

09/05/12 **Conversion MIT Finalized** - update tbg detail

PERFORATION RECORD

10/01/07	5292-5305'	4 JSPPF	52 holes
10/02/07	5224-5233'	4 JSPPF	36 holes
10/02/07	5014-5028'	4 JSPPF	56 holes
10/04/07	4770-4776'	4 JSPPF	24 holes
08/28/12	5664-5667'	3 JSPPF	9 holes
08/28/12	4627-4629'	3 JSPPF	6 holes
08/28/12	4623-4624'	3 JSPPF	3 holes

NEWFIELD

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



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

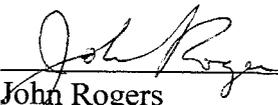
Cause No. UIC-392

Operator: Newfield Production Company
Well: Federal 5-19-9-16
Location: Section 19, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-33174
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on July 19, 2012.
2. Maximum Allowable Injection Pressure: 2,000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,911' – 5,882')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by: _____


John Rogers
Associate Director

9/18/2012

Date

JR/MLR/ear

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\Greater Monument Butte Unit

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



NEWFIELD



May 18, 2006

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

RE: Applications for Permit to Drill: Federal 5-19-9-16, 9-22-9-16, 3-23-9-16, 4-23-9-16, 11-23-9-16, 12-23-9-16, 13-23-9-16, 14-23-9-16, 15-23-9-16, and 16-23-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed Federal 11-23-9-16 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

MAY 19 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

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-64379
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 5-19-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/NW 1785' FNL 544' FWL 570 962X 40.018840 At proposed prod. zone 442996AY - 110.168472		9. API Well No. 43-013-33174
14. Distance in miles and direction from nearest town or post office* Approximatley 14.4 miles southwest of Myton, Utah		10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 544' f/lse, NA' f/unit	16. No. of Acres in lease 1626.36	11. Sec., T., R., M., or Blk. and Survey or Area SW/NW Sec. 19, T9S R16E
17. Spacing Unit dedicated to this well 40 Acres	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1027'	12. County or Parish Duchesne
19. Proposed Depth 6054'	20. BLM/BIA Bond No. on file UTB000192	13. State UT
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6182' GL	22. Approximate date work will start* 3rd Quarter 2006	23. Estimated duration Approximately seven (7) days from spud to ng release.

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 3/18/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 05-25-06
Title Office	ENVIRONMENTAL MANAGER	

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

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

*(Instructions on reverse)

Federal Approval of this
Action is Necessary

RECEIVED
MAY 19 2006
DIV. OF OIL, GAS & MINING

**NEWFIELD PRODUCTION COMPANY
FEDERAL #5-19-9-16
SW/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' – 2569'
Green River	2569'
Wasatch	6054'

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

Green River Formation 2569' – 6054' - 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 #5-19-9-16
SW/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 #5-19-9-16 located in the SW 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 - 12.6 miles \pm to its junction with an existing road to the southeast; proceed in a southeasterly direction - 0.2 miles \pm to its junction with the beginning of the proposed access road to the south; proceed along the proposed access road - 110' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #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 #5-19-9-6 Newfield Production Company requests 110' 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 110' 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 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 110' 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 than 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between March 1 and May 15. If the nest remains inactive on May 15th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location

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

Reserve Pit Liner

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

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

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

Western Wheatgrass	<i>Pascopyrum Smithii</i>	6 lbs/acre
Galletta Grass	<i>Hilaria Jamesii</i>	6 lbs/acre

Details of the On-Site Inspection

The proposed Federal #5-19-9-16 was on-sited on 3/17/06. The following were present: Shon Mckinnon (Newfeild Production), Christopher Carusona (Bureau of Land Management), and Brandon McDonald (Bureau of Landmanagement). Weather conditions were clear and ground cover was 30% 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 #5-19-9-16 SW/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 US Specialty Insurance #B001832.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

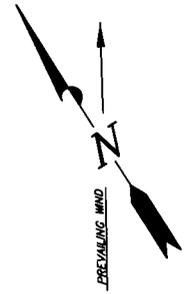
5/18/06
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 5-19-9-16

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



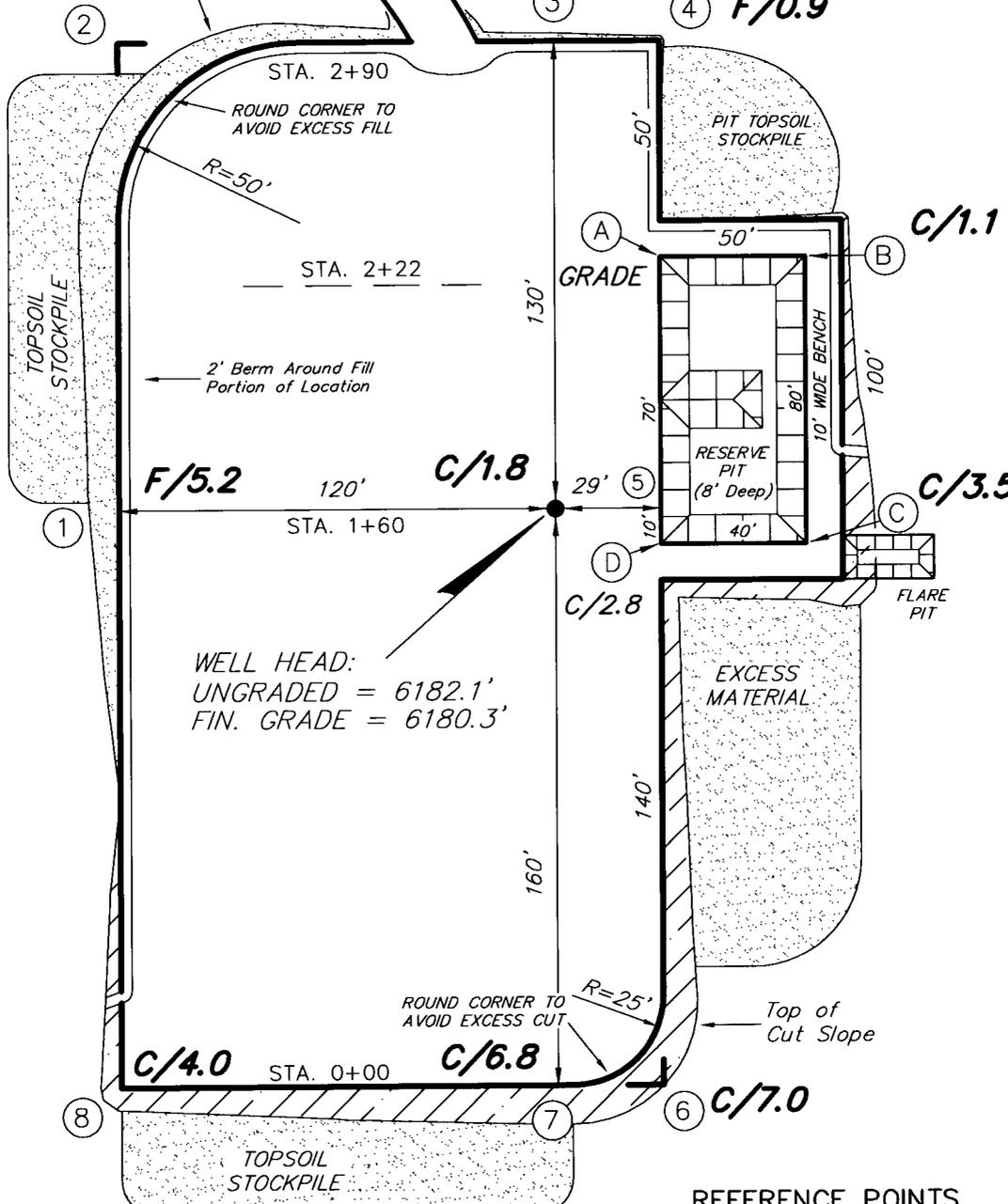
PROPOSED ACCESS ROAD (Max. 6% Grade)

F/6.7

Toe of Fill Slope

F/1.4

F/0.9



WELL HEAD:
UNGRADED = 6182.1'
FIN. GRADE = 6180.3'

REFERENCE POINTS

- 170' NORTHWESTERLY = 6173.6'
- 220' NORTHWESTERLY = 6175.3'
- 210' SOUTHWESTERLY = 6189.0'
- 260' SOUTHWESTERLY = 6191.2'

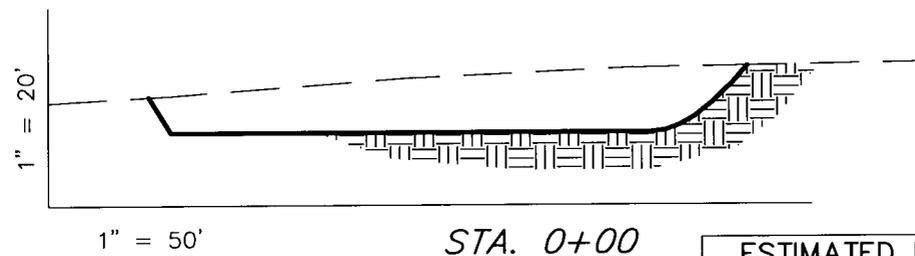
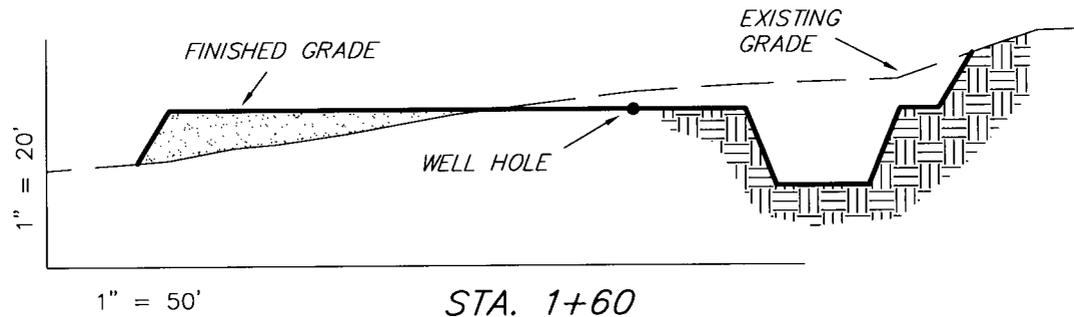
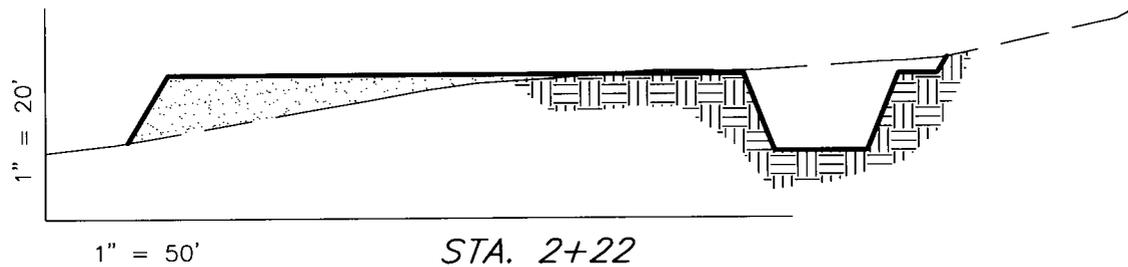
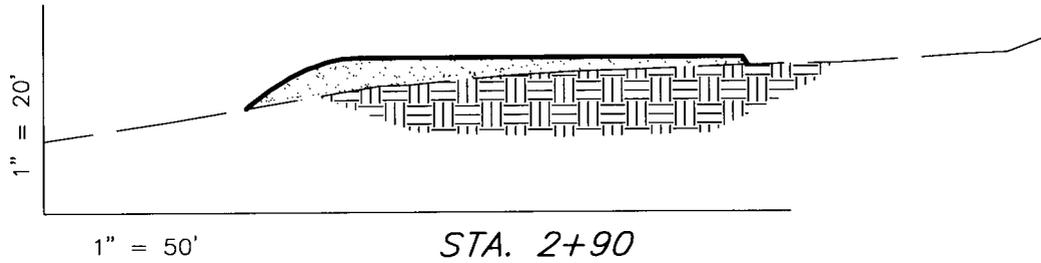
SURVEYED BY: C.M.	SCALE: 1" = 50'
DRAWN BY: F.T.M.	DATE: 04-13-06

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

NEW FIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 5-19-9-16



ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,360	2,360	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	3,000	2,360	990	640

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

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 04-13-06

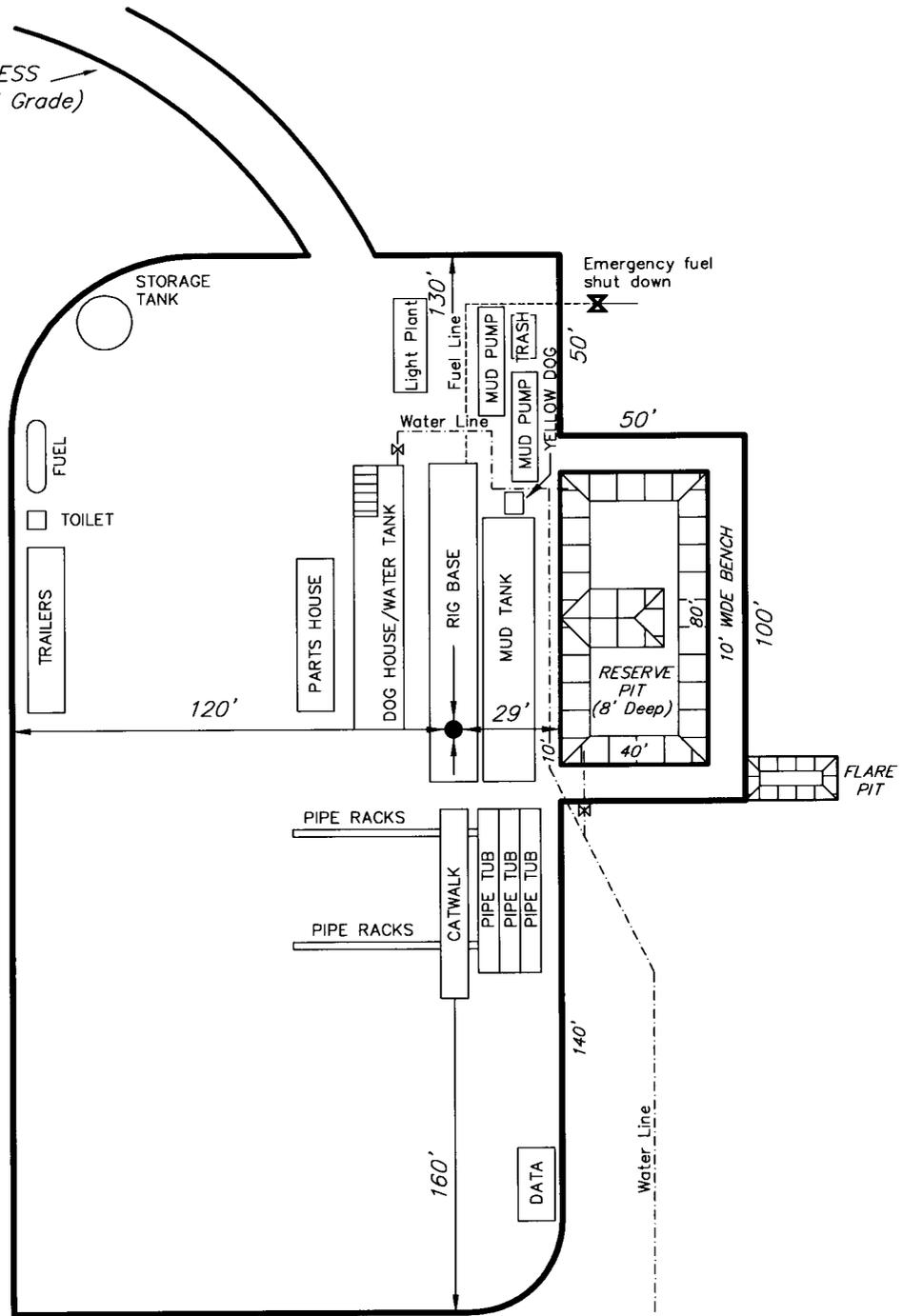
Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

9 MILE 5-19-9-16

PROPOSED ACCESS ROAD (Max. 6% Grade)



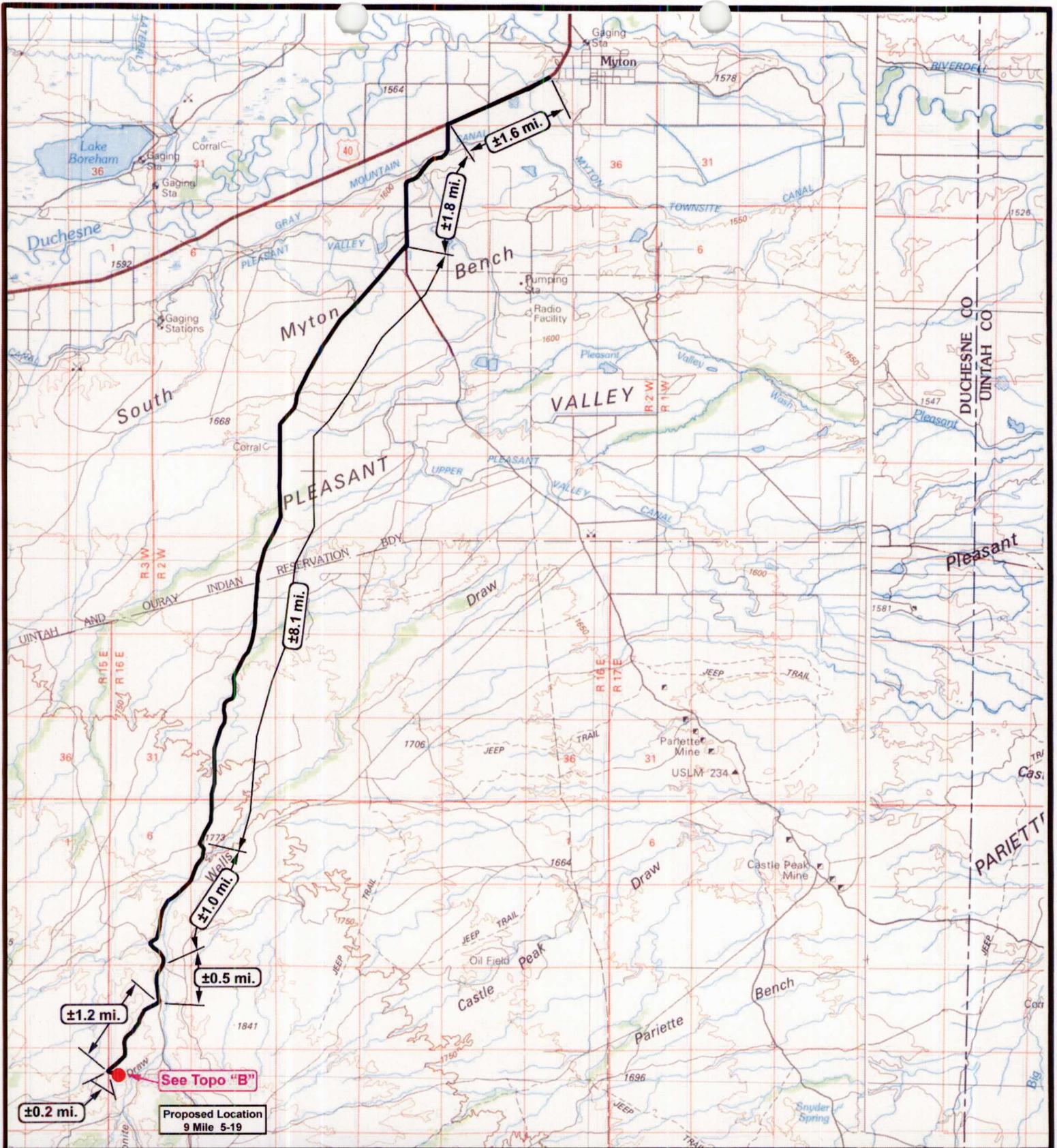
SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 04-13-06

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

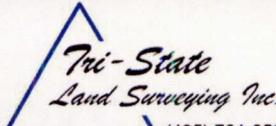




NEWFIELD
 Exploration Company

9 Mile 5-19-9-16
SEC. 19, T9S, R16E, S.L.B.&M.




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

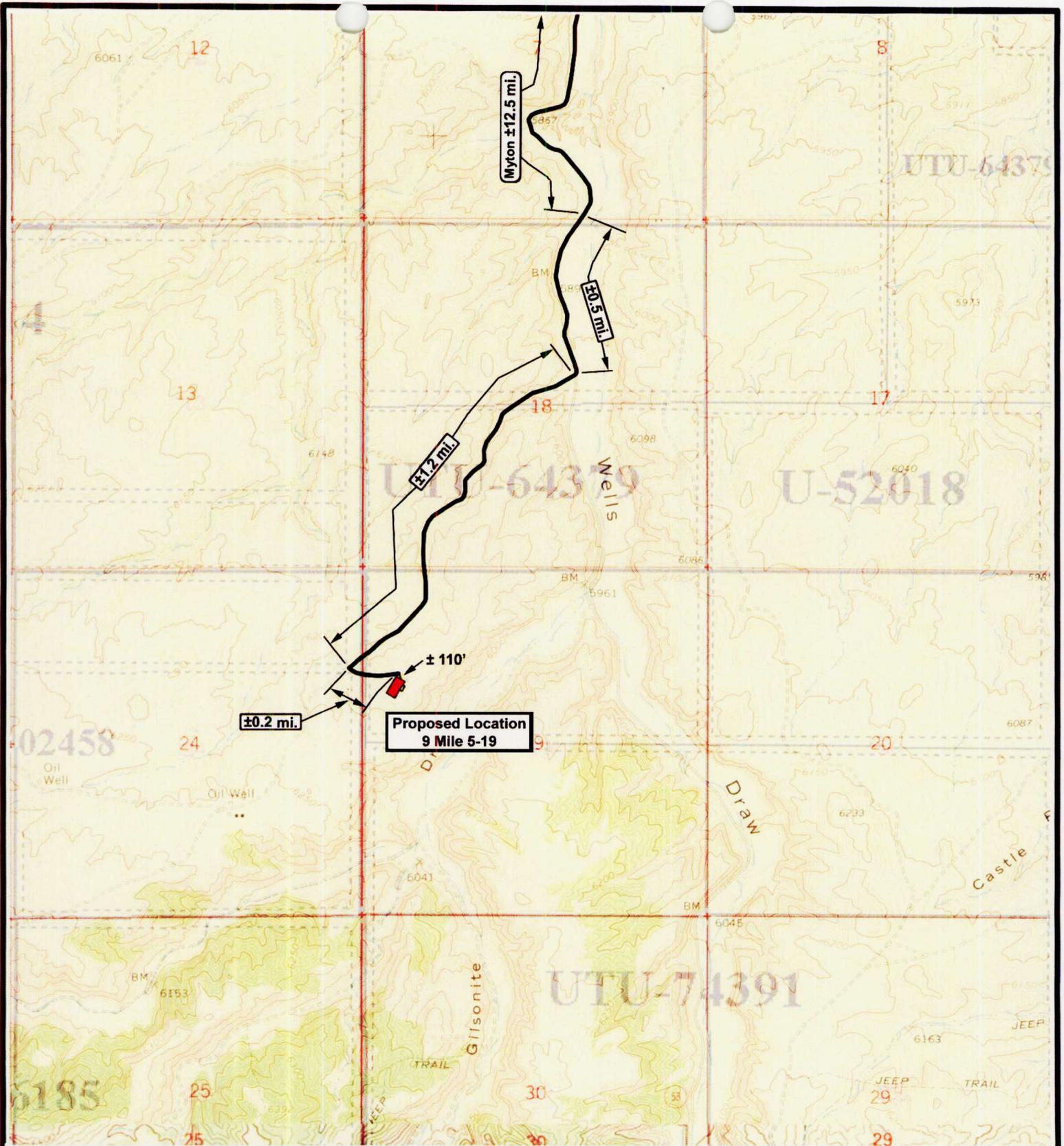
SCALE: 1" = 100,000'
DRAWN BY: mw
DATE: 04-13-2006

Legend

-  Existing Road
-  Proposed Access

TOPOGRAPHIC MAP

"A"



 **NEWFIELD**
Exploration Company

9 Mile 5-19-9-16
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" = 2000'

DRAWN BY: mw

DATE: 04-13-2006

Legend

 Existing Road

 Proposed Access

TOPOGRAPHIC MAP

"B"



 **NEWFIELD**
Exploration Company

9 Mile 5-19-9-16
SEC. 19, T9S, R16E, S.L.B.&M.



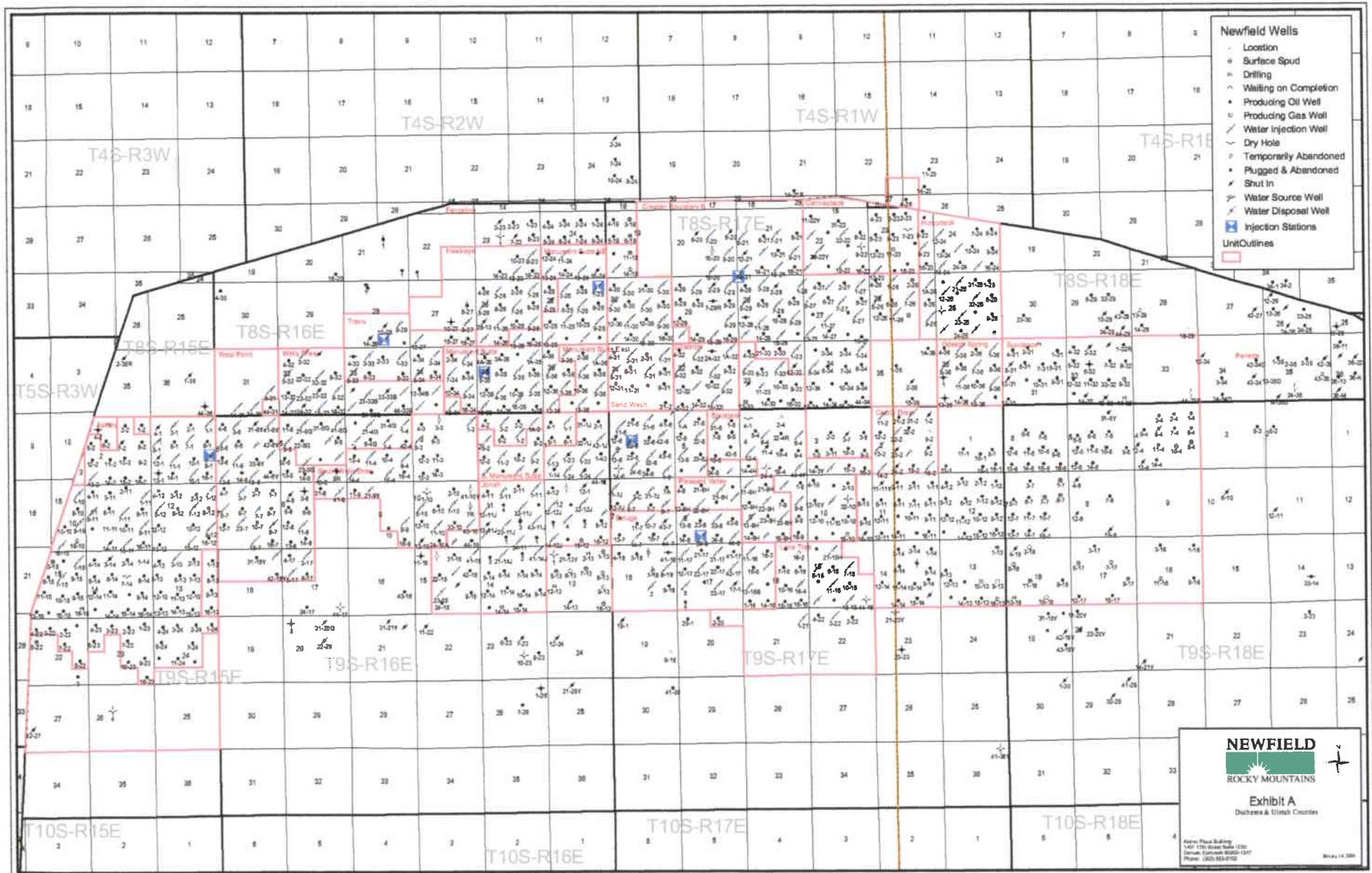

Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

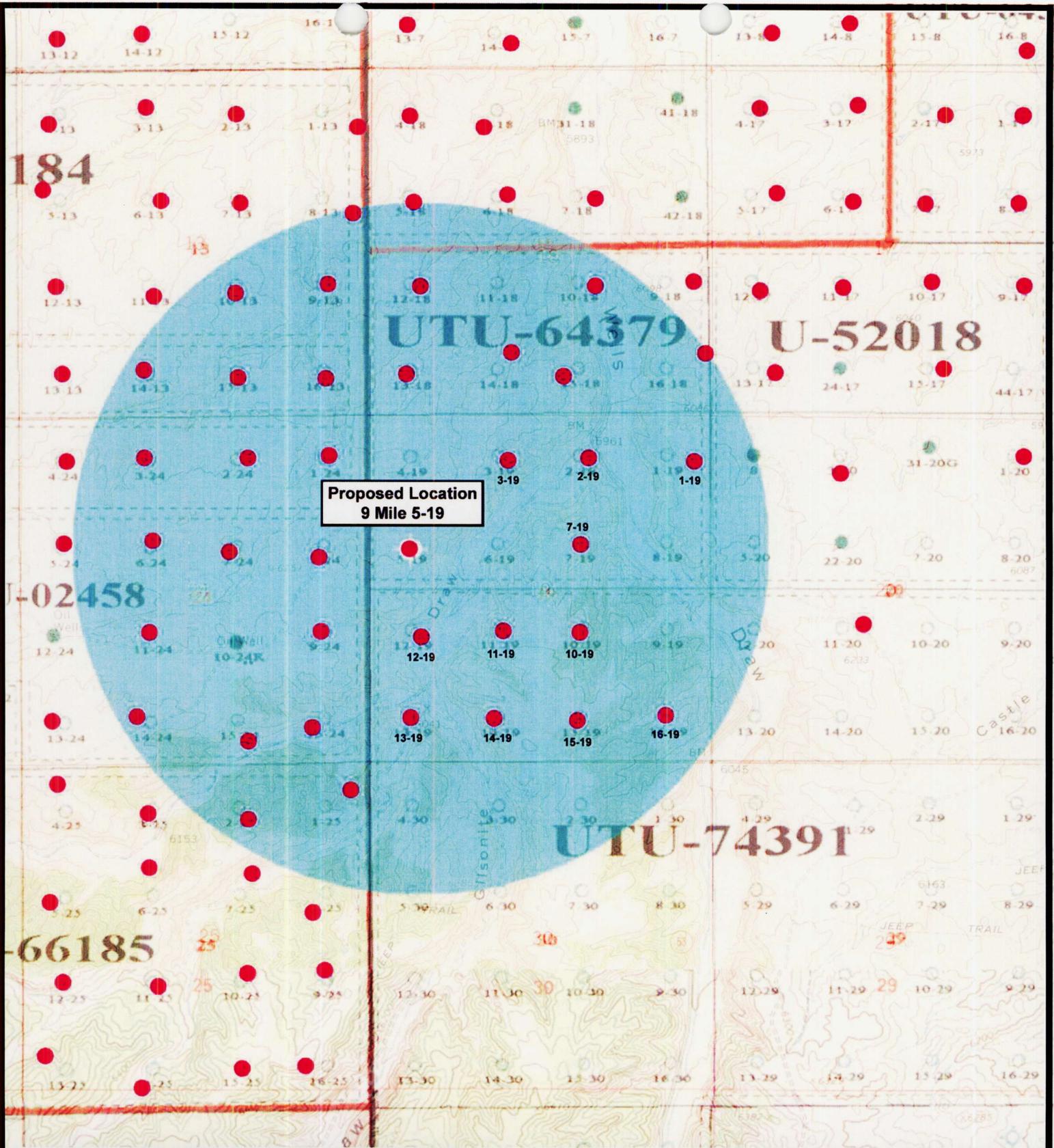
SCALE: 1" = 2000'
DRAWN BY: mw
DATE: 04-13-2006

Legend

-  Roads
-  Proposed Gas Line
-  Proposed Water Line

TOPOGRAPHIC MAP
"C"





**Proposed Location
9 Mile 5-19**



**9 Mile 5-19-9-16
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: 04-13-2006

Legend

- **Well Locations**
- **One-Mile Radius**

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

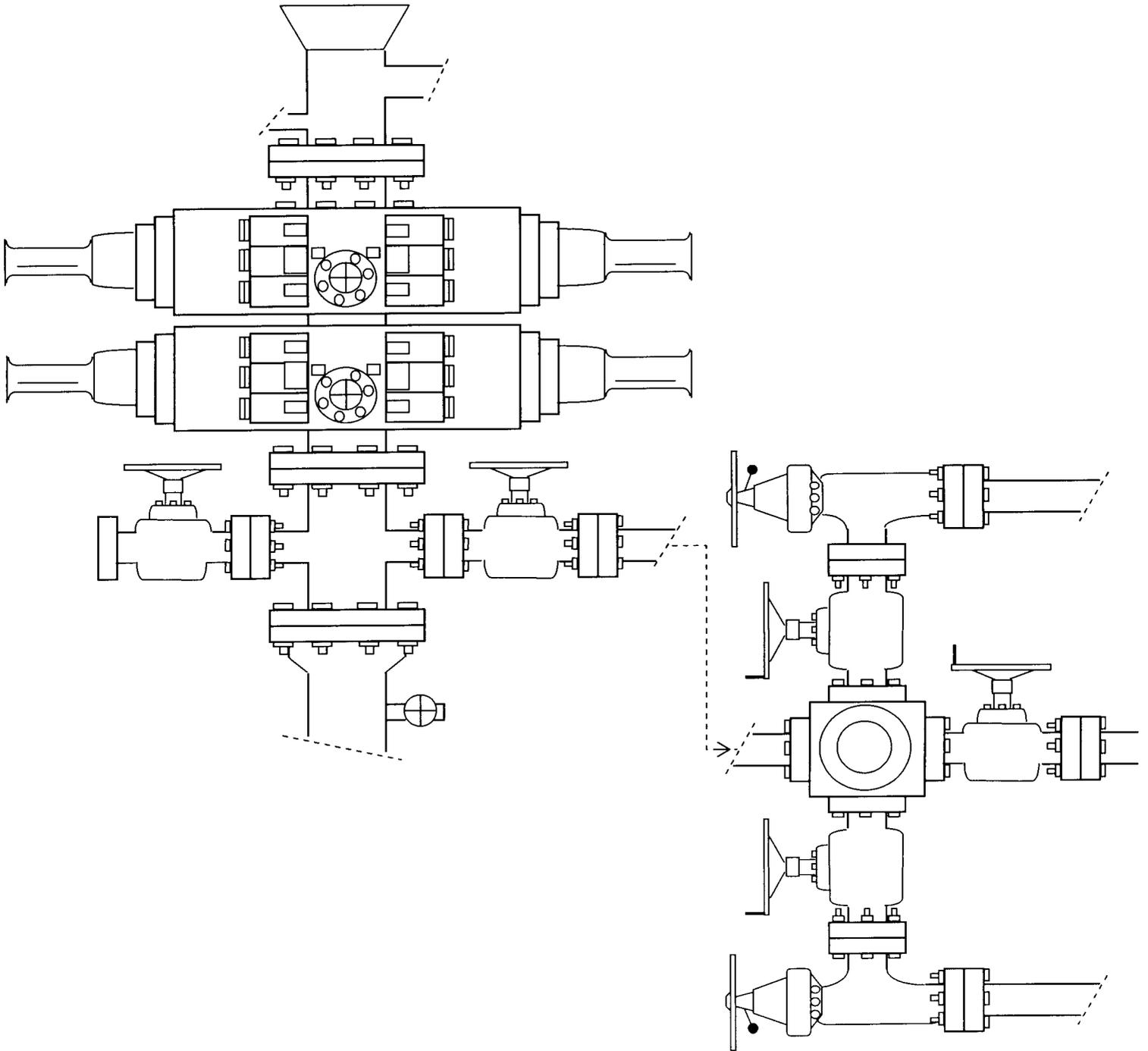


EXHIBIT C

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 fo Land Management
Vernal Field Office

Prepared Under Contract With:

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

Prepared By:

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

MOAC Report No. 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

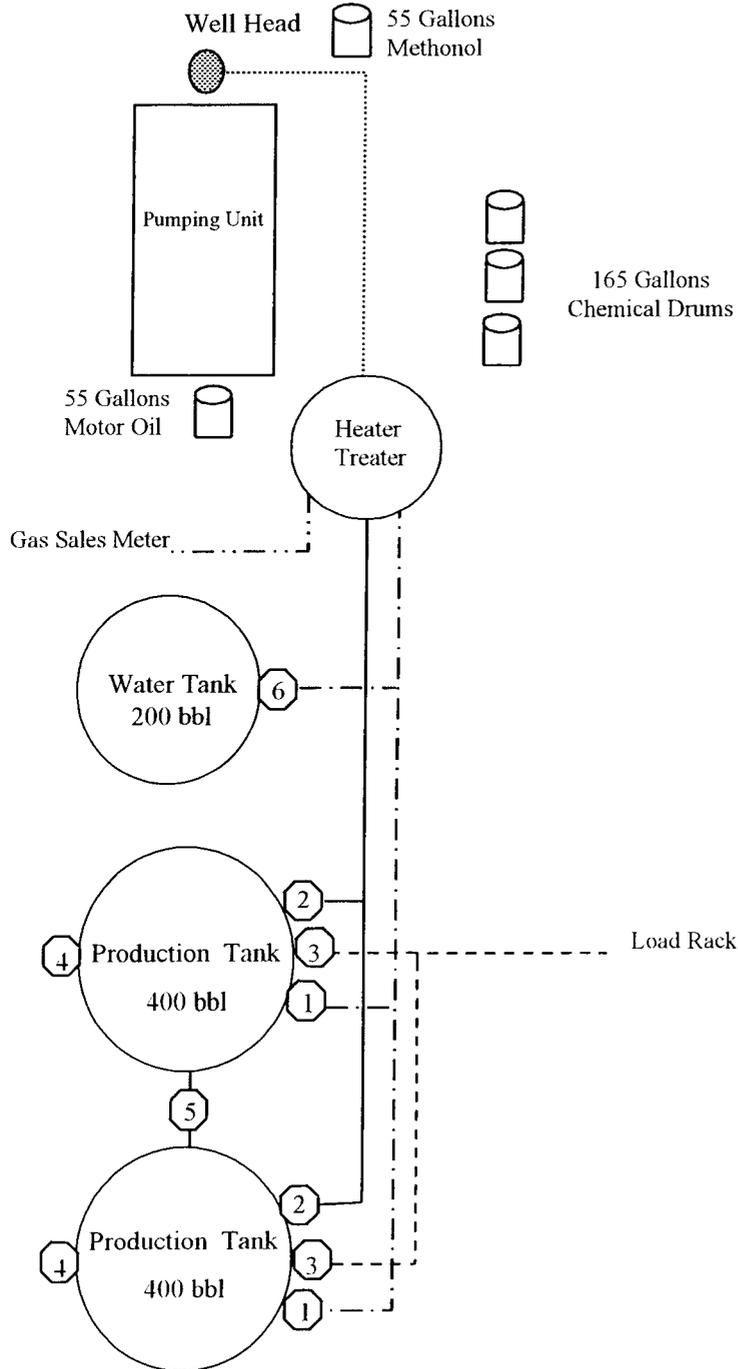
Newfield Production Company Proposed Site Facility Diagram

Federal 5-19-9-16

SW/NW Sec. 19, T9S, 16E

Duchesne County, Utah

UTU-64379



Legend

Emulsion Line
Load Rack	-----
Water Line	-----
Gas Sales
Oil Line	—————

Production Phase:

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

Sales Phase:

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

Draining Phase:

- 1) Valves 1 and 6 open

Diked Section



**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 05/19/2006

API NO. ASSIGNED: 43-013-33174

WELL NAME: FEDERAL 5-19-9-16
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWNW 19 090S 160E
 SURFACE: 1785 FNL 0544 FWL
 BOTTOM: 1785 FNL 0544 FWL
 COUNTY: DUCHESNE
 LATITUDE: 40.01884 LONGITUDE: -110.1685
 UTM SURF EASTINGS: 570962 NORTHINGS: 4429969
 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:

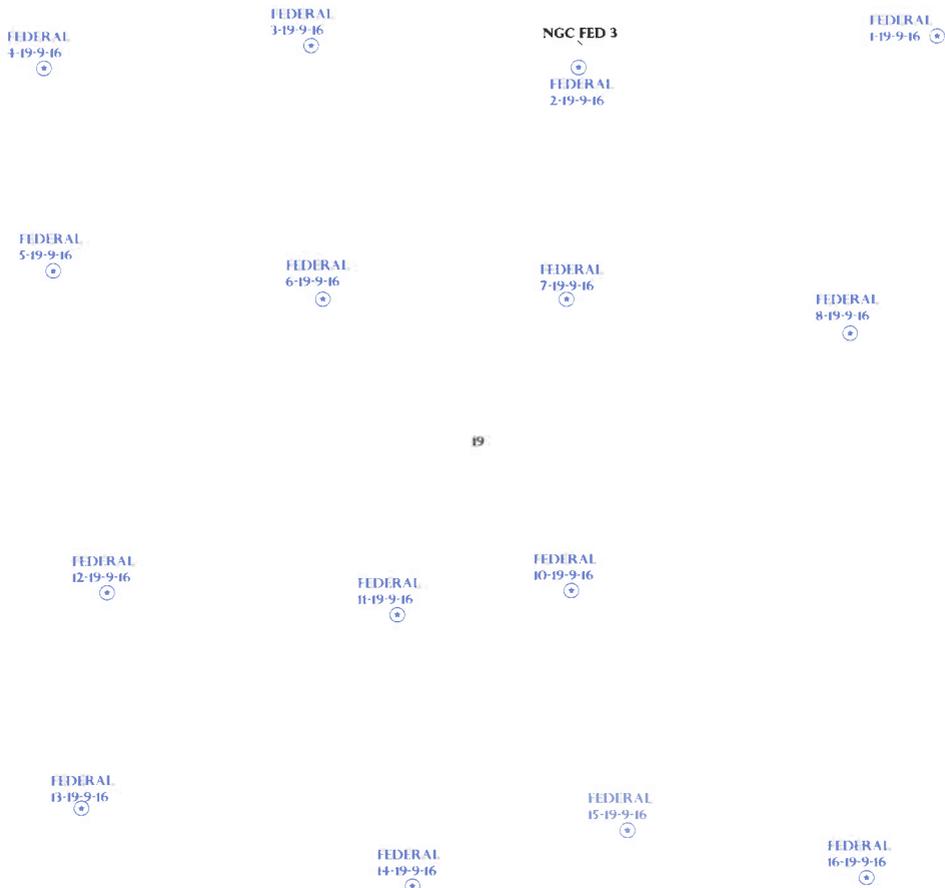
- ___ R649-2-3.
- Unit: _____
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- ___ R649-3-3. Exception
- ___ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
- ___ R649-3-11. Directional Drill

COMMENTS: See Separate RL

STIPULATIONS: 1- Federal Approval
2- Spacing Strip

T9S R15E T9S R16E

MONUMENT BUTTE FIELD



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 19 T. 9S R. 16E

FIELD: MONUMENT BUTTE (105)

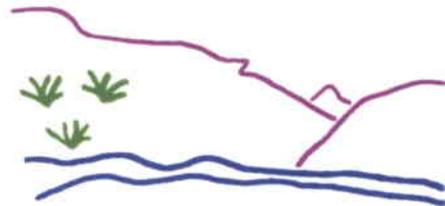
COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

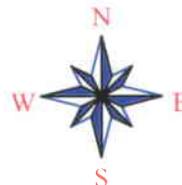
- Field Status**
- ABANDONED
 - ACTIVE
 - COMBINED
 - INACTIVE
 - PROPOSED
 - STORAGE
 - TERMINATED

- 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: 24-MAY-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

May 25, 2006

Newfield Production Company
Route 3 Box 3630
Myton, UT 84052

Re: Federal 5-19-9-16 Well, 1785' FNL, 544' FWL, SW 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 43-013-33174.

Sincerely,

Gil Hunt
Associate Director

mf
Enclosures

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

Operator: Newfield Production Company
Well Name & Number Federal 5-19-9-16
API Number: 43-013-33174
Lease: UTU-64379

Location: SW 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.

RECEIVED
VERNAL FIELD OFFICE

2006 MAY 19 PM 2: 20

DEPT. OF THE INTERIOR
BUREAU OF LAND MGMT.

Form 3160-3
(September 2001)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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 5-19-9-16
9. API Well No. 43-013-33174
10. Field and Pool, or Exploratory Monument Butte
11. Sec., T., R., M., or Blk. and Survey or Area SW/NW Sec. 19, T9S R16E
12. County or Parish Duchesne
13. State UT

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 SW/NW 1785' FNL 544' FWL At proposed prod. zone		
14. Distance in miles and direction from nearest town or post office* Approximatley 14.4 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. 544' f/lse, NA' f/unit	16. No. of Acres in lease 1626.36	17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1027'	19. Proposed Depth 6054'	20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6182' GL	22. Approximate date work will start* 3rd Quarter 2006	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 3/18/06
Title Regulatory Specialist		

Approved by (Signature) <i>Jerry Kewczka</i>	Name (Printed/Typed) Jerry Kewczka	Date 2-8-2007
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, if any, are attached. **CONDITIONS OF APPROVAL ATTACHED**

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

*(Instructions on reverse)

RECEIVED

FEB 13 2007

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING

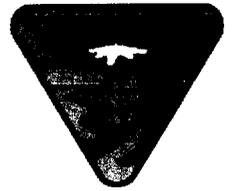


No NOS

07BM4677A



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:** SWNW, Sec 19, T9S, R16E
Well No: Federal 5-19-9-16 **Lease No:** UTU-64379
API No: 43-013-33174 **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

- There are two Golden Eagle nests and both are located 0.45 miles E of the proposed location, but are not in line-of-site. With this occurrence there will be a time restriction to protect Golden Eagle nesting from February 1- July 15.
- Lease Notices from RMP: Lessee/operator is given notice the area has been identified as containing Golden Eagle and Ferruginous Hawk habitat. Modifications may be required in the Surface Use Plan to protect the Golden Eagle and Ferruginous Hawk and/or their habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- Comments:
 1. There are two Golden Eagle nests and both are located 0.45 miles E of the proposed location, but are not in line-of-site.
 2. If it is anticipated that construction or drilling will occur during the given timing restrictions for any wildlife, a BLM or qualified biologist shall be notified so surveys can be conducted. Depending upon the results of the survey, permission to proceed may or may not be recommended or granted (depending on the species being surveyed and the condition of the habitat).

GENERAL CONDITIONS OF APPROVAL

- This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed August 24, 2005. If the well has not been spudded by August 24, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- 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 four 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 Threadgrass (<i>Hesperostipa comata</i>):	4 lbs/acre
Indian Ricegrass (<i>Achnatherum 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 shall 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. Production casing cement shall be brought up and into the surface.

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_Welllogs@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.

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 5-19-9-16

9. API Well No.
43-013-33174

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)
1785 FNL 544 FWL SW/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

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

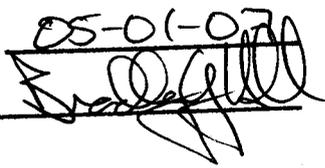
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 5/25/06 (expiration 5/25/07).

This APD is not yet due to expire with the BLM.

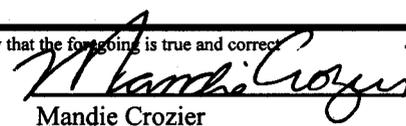
Approved by the
Utah Division of
Oil, Gas and Mining

53.07
RM

Date: 05-01-07
By: 

RECEIVED
MAY 01 2007
DIV. OF OIL, GAS & MINING

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

Signed  Title Regulatory Specialist Date 4/30/2007
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: 43-013-33174
Well Name: Federal 5-19-9-16
Location: SW/NW Section 19,T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 5/25/2006

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

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

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

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

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

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

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

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

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


Signature

4/30/2007
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 5-19-9-16

Api No: 43-013-33174 Lease Type: FEDERAL

Section 19 Township 09S Range 16E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 24

SPUDDED:

Date 08/29/07

Time 9:00 AM

How DRY

Drilling will Commence: _____

Reported by JUSTIN CRUM

Telephone # (435) 823-6733

Date 08/29/07 Signed CHD

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

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84062

OPERATOR ACCT. NO. N2885

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	12417	4301333290	LONE TREE FED 5-21-9-17	SWNW	21	9S	17E	DUCHESNE	8/22/2007	8/28/07
WELL 1 COMMENTS: <i>GRUV Unit</i>											
B	99999	12417	4301333289	LONE TREE FED 6-21-9-17	SENW	21	9S	17E	DUCHESNE	8/23/2007	8/28/07
WELL 2 COMMENTS: <i>GRUV</i>											
	99999	16325	4301332770	ASHLEY 4-27-9-15	NWNW	27	9S	15E	DUCHESNE	8/25/2007	8/28/07
WELL 3 COMMENTS: <i>MNCB</i>											
A	99999	16326	4301333189	FEDERAL 2-19-9-17	NWNE	19	9S	17E	DUCHESNE	8/28/2007	8/28/07
WELL 4 COMMENTS: <i>GRUV</i>											
A	99999	16327	4301333394	FEDERAL 16-22-9-16	NESE	22	9S	16E	DUCHESNE	8/27/2007	8/28/07
WELL 5 COMMENTS: <i>GRUV</i>											
A	99999	16328	4301333174	FEDERAL 5-19-9-16	SWNW	19	9S	16E	DUCHESNE	8/29/2007	8/28/07
WELL 6 COMMENTS: <i>GRUV</i>											

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

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

Jentri Park
Signature
Jentri Park
Production Clerk

August 29, 2007

Date

DIV. OF OIL, GAS & MINING

AUG 29 2007

RECEIVED

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 5-19-9-16

9. API Well No.
4301333174

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1785 FNL 544 FWL
SWNW 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 recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 9/9/07 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 5930'. 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, 149 jt's of 5.5 J-55, 15.5# csgn. Set @ 5930' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. The 400 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 40 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 115,000 #'s tension. Release rig @ 6:00 AM on 9/15/07.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Justin Crum	Title Drilling Foreman
Signature 	Date 09/30/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

(Instructions on reverse)

RECEIVED

OCT 02 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5927.59

Fit cllr @ 5890.95

LAST CASING 8 5/8" Set @ 306.47

OPERATOR Newfield F

DATUM 12' KB

WELL Federal 5-19-9-16

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # NDSI # 1

TD DRILLER 5925 Loggers 594 _____

HOLE SIZE 7 7/8"

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 4006' (5.90')					
148	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5875.7
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	38.64
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5929.59
TOTAL LENGTH OF STRING		5929.59	149	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		283.42	6	CASING SET DEPTH			5927.59
TOTAL		6197.76	159	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6197.76	159				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		9/14/2007	10:00 PM	GOOD CIRC THRU JOB <u>Yes</u>			
CSG. IN HOLE		9/14/2007	1:30 AM	Bbls CMT CIRC TO SURFACE <u>40</u>			
BEGIN CIRC		9/15/2007	1:30 AM	RECIPROCATED PIPE FOR <u>THRUSTROKE NA</u>			
BEGIN PUMP CMT		9/15/2007	3:42 AM	DID BACK PRES. VALVE HOLD ? <u>Yes</u>			
BEGIN DSPL. CMT		9/15/2007	4:39 AM	BUMPED PLUG TO <u>1400</u> PSI			
PLUG DOWN		9/15/2007	5:04 AM				

CEMENT USED		B. J.	
STAGE	# SX	CEMENT TYPE & ADDITIVES	
1	300	Premilite II w/ 10% gel + 3 % KCL, 5#'s /sk CSE + 2# sk/kolseal + 1/2#'s/sk Cello Flake	
		mixed @ 11.0 ppg W / 3.43 cf/sk yield	
2	400	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD	
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING	
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.			

COMPANY REPRESENTATIVE Justin Crurr

DATE 9/15/2007

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

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR:
 NEWFIELD PRODUCTION COMPANY

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

4. LOCATION OF WELL:
 FOOTAGES AT SURFACE: 1785 FNL 544 FWL COUNTY: DUCHESNE
 OTR/OTR SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNW, 19, T9S, R16E STATE: UT

8. WELL NAME and NUMBER:
 FEDERAL 5-19-9-16

9. API NUMBER:
 4301333174

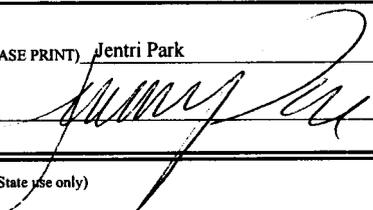
10. FIELD AND POOL, OR WILDCAT:
 MONUMENT BUTTE

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____ <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 10/18/2007	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input 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 10/08/07, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk

SIGNATURE  DATE 10/18/2007

(This space for State use only)

RECEIVED
OCT 19 2007
 DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 5-19-9-16**8/1/2007 To 12/30/2007****10/2/2007 Day: 1****Completion**

Rigless on 10/1/2007 - 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 @ 5845' & cement top @ 153'. Perforate stage #1, LODC sds @ 5292-5305' w/ 3-1/8" Slick Guns (19 gram, .49"EH, 120°) w/ 4 spf for total of 52 shots. 140 BWTR. SWIFN.

10/3/2007 Day: 2**Completion**

Rigless on 10/2/2007 - Stage #1 LODC sds. RU BJ Services. 30 psi on well. Frac LODC sds w/ 70,815#'s of 20/40 sand in 589 bbls of Lightning 17 fluid. Broke @ 2918 psi. Treated w/ ave pressure of 2092 psi w/ ave rate of 24.8 BPM. ISIP 2307 psi. Leave pressure on well. 729 BWTR. Stage #2 LODC sds. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 9' perf gun. Set plug @ 5270'. Perforate LODC sds @ 5224-33' w/ 3-1/8" Slick Guns (.37"EH, 23 gram, 90°) w/ 4 spf for total of 36 shots. RU BJ Services. 2005 psi on well. Frac LODC sds w/ 56,237#'s of 20/40 sand in 502 bbls of Lightning 17 fluid. Broke @ 3000 psi. Treated w/ ave pressure of 2357 psi w/ ave rate of 24.8 BPM. ISIP 2399 psi. Leave pressure on well. 1231 BWTR. Stage #3 A3 sds. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 14' perf gun. Set plug @ 5130'. Perforate A3 sds @ 5014-28' w/ 3-1/8" Slick Guns (.37"EH, 23 gram, 90°) w/ 4 spf for total of 56 shots. RU BJ Services. 2005 psi on well. Perfs would not break. RU WL truck & dump bail acid on perfs. Tagged sand @ 5003' (11' of sand over top perf @ 5014'). RU BJ Services. Open well w/ 252 psi. Perfs would not break. Open well to pit @ 1 bpm for cleanup. Well would not flow. RD BJ Services & Lone Wolf WL. SWIFN.

10/4/2007 Day: 3**Completion**

NC #3 on 10/3/2007 - MIRUSU. RU rig floor. X- over to tbg eq. PU TIH w/ bar NC, 163- jts 2 7/8. Tag fill @ 5003'. Clean out fill to Plg @ 5130'. CWC. TOH w/ 167- jts 2 7/8, NC. ND washhead. SDFD.

10/5/2007 Day: 4**Completion**

NC #3 on 10/4/2007 - Stage #3 A3 sds. RU BJ Services. 580 psi on well. Frac A3 sds w/ 49,854#'s of 20/40 sand in 466 bbls of Lightning 17 fluid. Broke @ 1368 psi. Treated w/ ave pressure of 1934 psi w/ ave rate of 24.8 BPM. ISIP 2070 psi. Leave pressure on well. 1697 BWTR. Stage #4 C sds. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 6' perf gun. Set plug @ 4880'. Perforate C sds @ 4770-76' w/ 3-1/8" Slick Guns (.37"EH, 23 gram, 90°) w/ 4 spf for total of 24 shots. RU BJ Services. 1715 psi on well. Frac C sds w/ 16,441#'s of 20/40 sand in 257 bbls of Lightning 17 fluid. Broke @ 2947 psi. Treated w/ ave pressure of 2243 psi w/ ave rate of 24.8 BPM. ISIP 3458 psi. Open well to pit for immediate flowback @ 1 bpm. Well flowed for 3 hrs. & died. Recovered 180 bbls. ND frac head & BOP. RU production head & BOP. RU rig floor. TIH w/ chomp bit & 100- jts 2 7/8. SDFD.

10/6/2007 Day: 5**Completion**

NC #3 on 10/5/2007 - OWU. 0 psi on tbg & csg. TIH w/ 2 7/8 tbg to Plg @ 4880'. Drill out Plg. TIH w/ tbg to Plg @ 5130'. Drill out Plg. TIH w/ tbg to Plg @ 5270'. Drill out Plg. TIH w/ tbg to fill @ 5790'. Clean out fill to PBTD @ 5882'. CWC. LD 3- jts 2 7/8. EOT @ 5800'. RU sandline to swab. IFL @ surface. Made 12 swab runs & recovered 145 bbls water w/ no sand & trace oil. FFL @ 3000'. RD sandline. SDFD @ 6:30.

10/9/2007 Day: 6

Completion

NC #3 on 10/8/2007 - OWU. 0 psi on tbg & csg. TIH w/ 3- jts 2 7/8. Tag fill @ 5875'. Clean out fill to PBTD @ 5882'. CWC. LD 22- jts 2 7/8. TOH w/ 174- jts 2 7/8, & bit. PU TIH w/ NC, 2- jts 2 7/8, SN, 1- jt 2 7/8, TA, 171- jts 2 7/8. RD rig floor. ND BOP. Set TA w/ 15000 tension. NU wellhead. Flush tbg w/ 60 bbls water. X- over to rod eq. PU TIH w/ 2 1/2 x 1 1/2 x 16 x 20 RHAC, 6- 1 1/2 wt bars, 20- 3/4 guided rods, 87- 3/4 plain rods, 98- 3/4 guided rods, 8', 8', 4', 2', x 3/4 pony rods, 1 1/2 x 26' polish rod. RU pumping unit. W/ tbg full stroke test rod pump to 800 psi. Good test. RD MOSU. POP @ 7:30 W/ 102" SL @ 5 SPM FINAL REPORT!!

Pertinent Files: Go to File List

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

5. LEASE DESIGNATION AND SERIAL NO.

UTU-64379

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

1a. TYPE OF WORK

OIL WELL GAS WELL DRY Other _____

7. UNIT AGREEMENT NAME

Federal

1b. TYPE OF WELL

NEW WELL WORK OVER DEEPEN PLUG BACK DIFF RESVR. Other _____

8. FARM OR LEASE NAME, WELL NO.

Federal 5-19-9-16

2. NAME OF OPERATOR

Newfield Exploration Company

9. WELL NO.

43-013-33174

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

10. FIELD AND POOL OR WILDCAT

Monument Butte

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

At Surface 1785' FNL & 544' FWL (SW/NW) Sec. 19, T9S, R16E

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

Sec. 19, T9S, R16E

At top prod. Interval reported below

At total depth

14. API NO. 43-013-33174 DATE ISSUED 05/25/06

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUNDED

08/29/07

16. DATE T.D. REACHED

09/13/07

17. DATE COMPL. (Ready to prod.)

10/08/07

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6182' GL

19. ELEV. CASINGHEAD

6194' KB

20. TOTAL DEPTH, MD & TVD

5925'

21. PLUG BACK T.D., MD & TVD

5882'

22. IF MULTIPLE COMPL., HOW MANY*

----->

23. INTERVALS DRILLED BY

X

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

Green River 4770'-5305'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

~~Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log~~

27. WAS WELL CORED

No

33. 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#	313'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5928'	7-7/8"	300 sx Premlite II and 400 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5378'	TA @ 5281'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(LODC) 5292'-5305'	.49"	4/52	5292'-5305'	Frac w/ 70,815# 20/40 sand in 589 bbls fluid
(LODC) 5224'-5233'	.37"	4/36	5224'-5233'	Frac w/ 56,237# 20/40 sand in 502 bbls fluid
(A3) 5014'-5028'	.37"	4/56	5014'-5028'	Frac w/ 49,854# 20/40 sand in 466 bbls fluid
(C) 4770'-4776'	.37"	4/24	4770'-4776'	Frac w/ 16,441# 20/40 sand in 257 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION 10/08/07	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 16' x 20' RHAC CDI 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. 38	GAS--MCF. 65	WATER--BBL. 32	GAS-OIL RATIO 1711
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	

RECEIVED

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

Sold & Used for Fuel

TEST WITNESSED BY

OCT 30 2007

35. LIST OF ATTACHMENTS

DIV. OF OIL, GAS & MINING

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

SIGNED Jentry Park

TITLE Production Clerk

DATE 10/25/2007

Jentry Park

JP

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Federal 5-19-9-16	Garden Gulch Mkr	3576'	
				Garden Gulch 1	3807'	
				Garden Gulch 2	3912'	
				Point 3 Mkr	4161'	
				X Mkr	4432'	
				Y-Mkr	4465'	
				Douglas Creek Mkr	4570'	
				BiCarbonate Mkr	4804'	
				B Limestone Mkr	4922'	
				Castle Peak	5465'	
				Basal Carbonate	5910'	
				Total Depth (LOGGERS)	5940'	



April 30, 2012

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

RE: Permit Application for Water Injection Well
Federal #5-19-9-16
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 #5-19-9-16 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", with a long horizontal line extending to the right.

Eric Sundberg
Regulatory Lead

RECEIVED
MAY 01 2012
DIV OF OIL, GAS, & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #5-19-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-64379
APRIL 30, 2012

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ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

FEDERAL 5-19-9-16

Spud Date: 08/29/07
Put on Production: 10/08/07

GL: 6182' KB: 6194'

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.

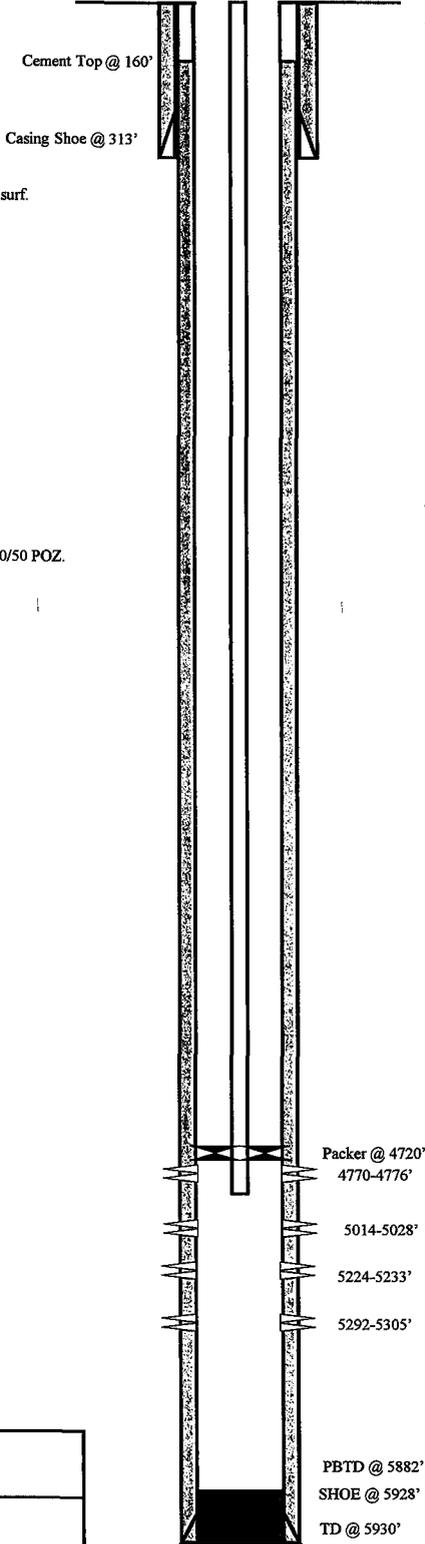
PRODUCTION CASING

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

Proposed Injection Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

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

NEWFIELD

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

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 #5-19-9-16 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 #5-19-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3911' - 5882'). 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 3576' and the TD is at 5930'.

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

The referenced log for the Federal #5-19-9-16 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 313' KB, and 5-1/2", 15.5# casing run from surface to 5928' 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 2037 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 #5-19-9-16, for existing perforations (4770' - 5305') calculates at 0.85 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 2037 psig. We may add additional perforations between 3576' and 5930'. 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 #5-19-9-16, the proposed injection zone (3911' - 5882') 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-14.

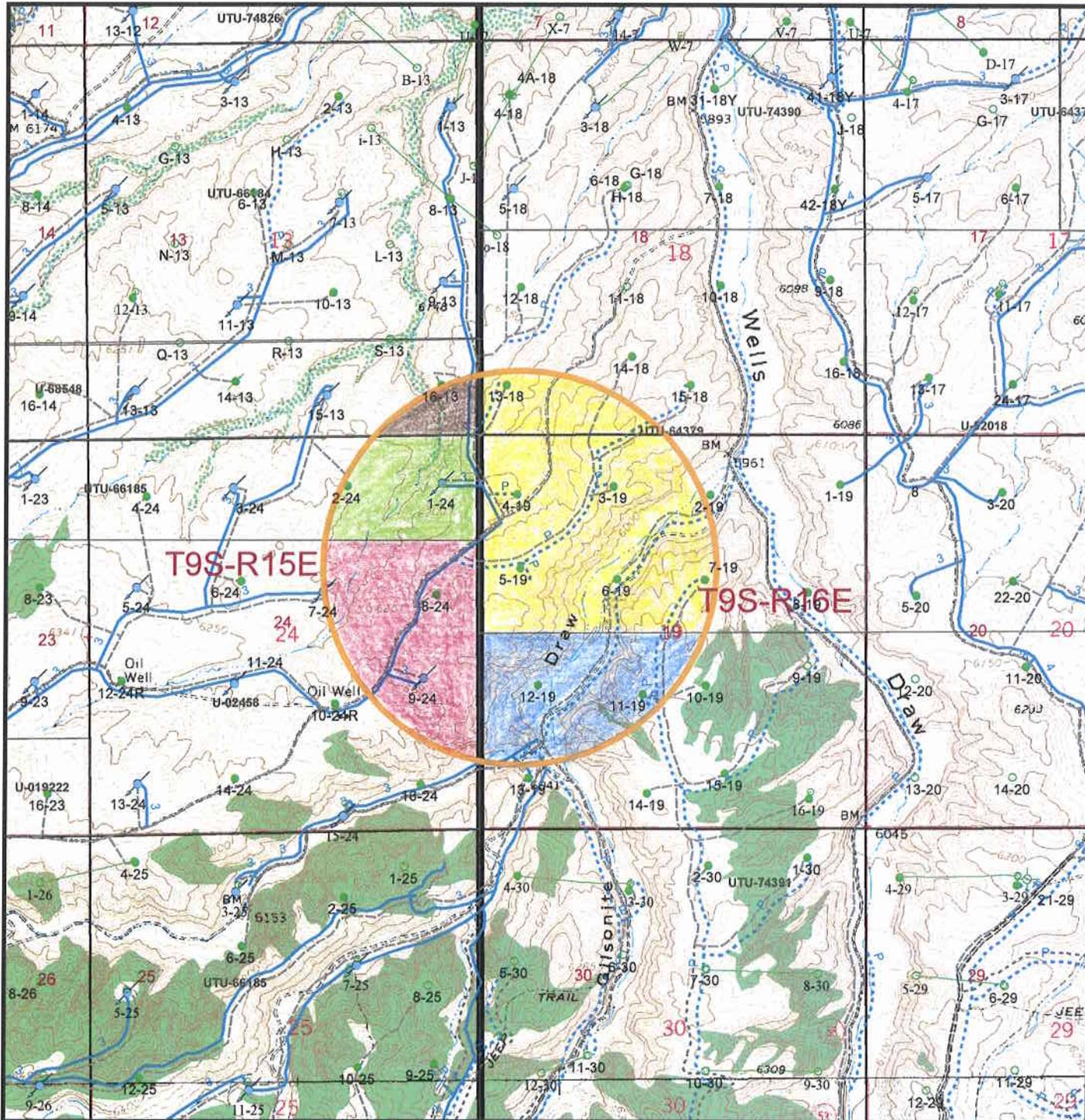
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

Injection system

- high pressure
- low pressure
- proposed
- return
- return proposed

Leases

- Leases

Mining tracts

- Mining tracts

UTU-64379

UTU-74391

UTU-00245

UTU-66185

UTU-68548

Federal 5-19
Section 19, T9S-R16E

NEWFIELD

ROCKY MOUNTAINS 1" = 2000'

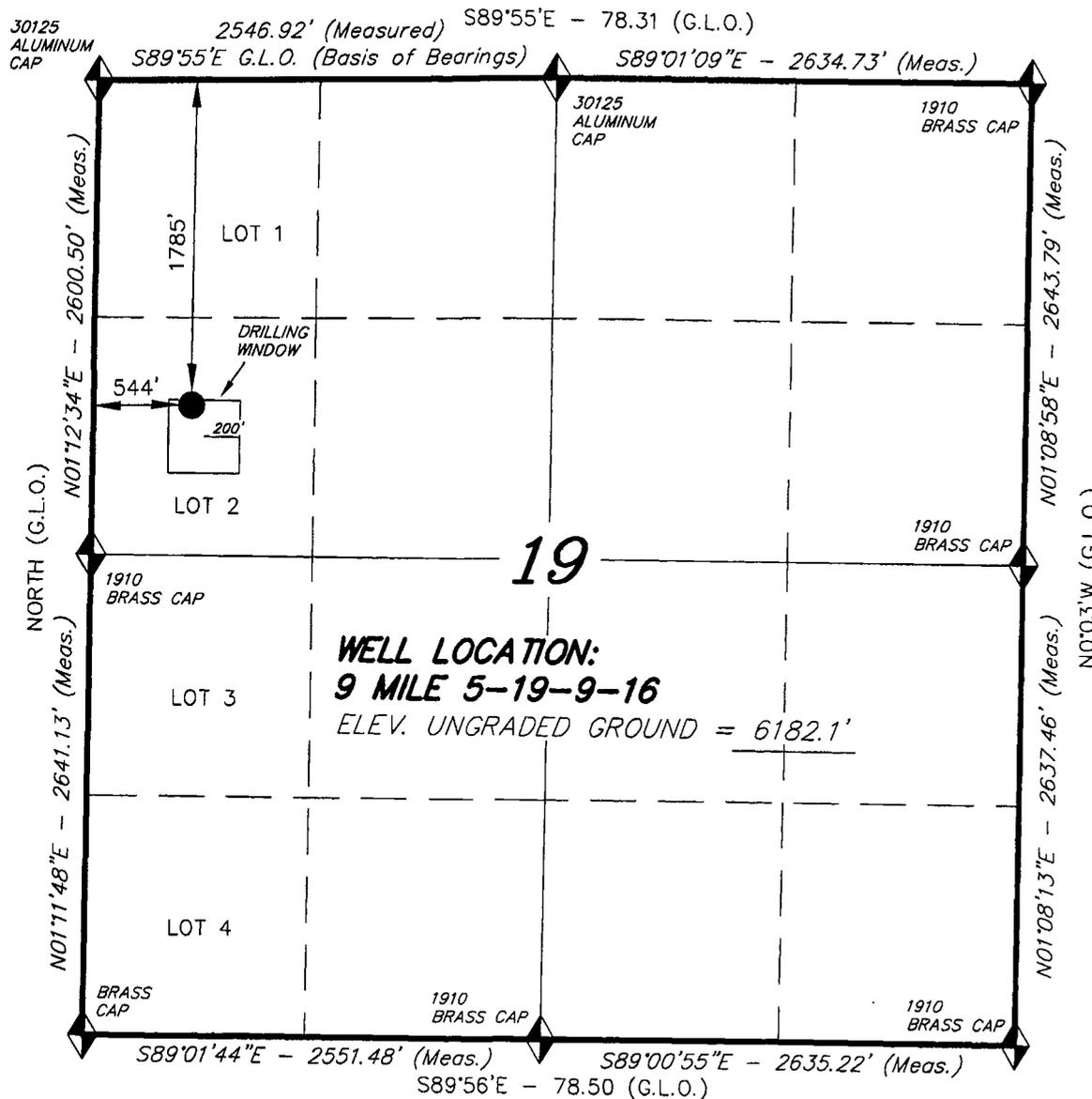
1/2 Mile Radius Map
Duchesne & Uintah Counties

1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 693-0102

January 25, 2012

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

NEWFIELD PRODUCTION COMPANY

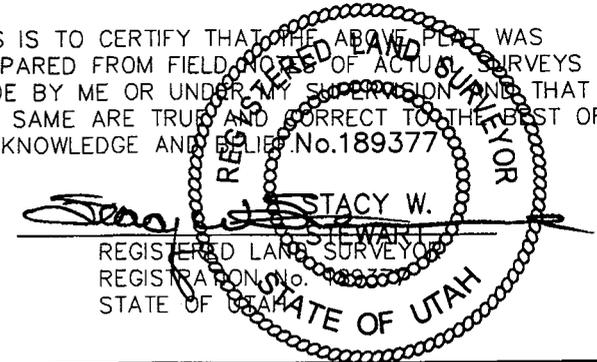


WELL LOCATION, 9 MILE 5-19-9-16,
LOCATED AS SHOWN IN THE SW 1/4 NW
1/4 OF SECTION 19, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.

ATTACHMENT A-1



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



◆ = SECTION CORNERS LOCATED

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

9 MILE 5-19-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 07.17"
LONGITUDE = 110° 10' 09.22"

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 4-3-06	SURVEYED BY: C.M.
DATE DRAWN: 4-10-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, LOTS 3, 4 Section 19: NE, E2NW, LOTS 1, 2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Coproration	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 Corporation MYCO Industries Inc OXY Y-1 Company Yates Petroleum Coproration	USA
3	T9S-R15E SLM Section 23: SENE, W2SW, NESE Section 24: S2N2, S2	USA UTU-002458 HBP	Newfield Production Company Newfield RMI LLC	USA
4	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

5 T9S-R15E SLM
Section 13: S2S2
Section 14: S2S2
Section 15: Lot 4
Section 22: NE, E2NW, Lot 1
Section 23: N2NW

USA
UTU-68548
HBP

Newfield Production Company
Newfield RMI LLC

USA

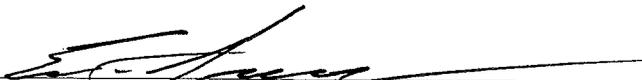
ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #5-19-9-16

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.

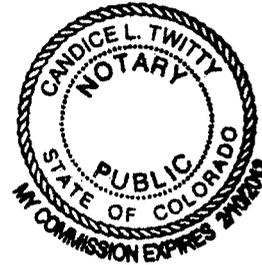
Signed:


Newfield Production Company
Eric Sundberg
Regulatory Lead

Sworn to and subscribed before me this 30th day of April, 2012.

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

My Commission Expires: 02/10/2013



FEDERAL 5-19-9-16

Spud Date: 08/29/07
Put on Production: 10/08/07

GL: 6182' KB: 6194'

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.

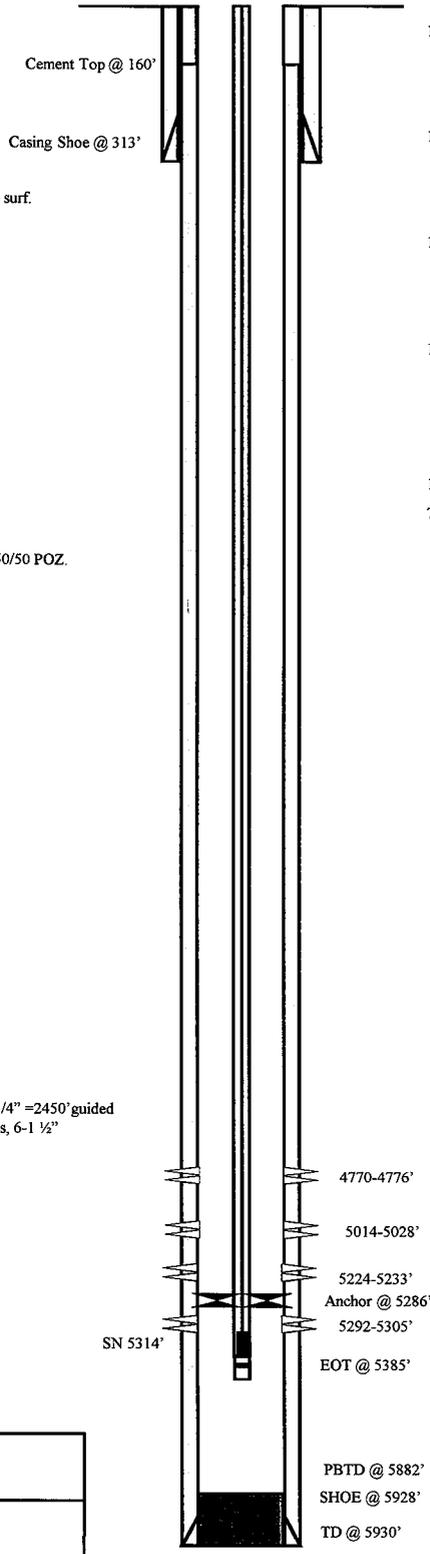
TUBING

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 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:

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

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

NEWFIELD

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

Ashley Federal 16-13-9-15

Spud Date: 6/23/05
 Put on Production: 8/12/05
 GL: 6127' KB: 6139'

Initial Production: 31 BOPD,
 14 MCFD, 51 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8 5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (304.09')
 DEPTH LANDED: 314.09' KB
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 160 sks Class G Mix. Est 6 bbls cement to pit

PRODUCTION CASING

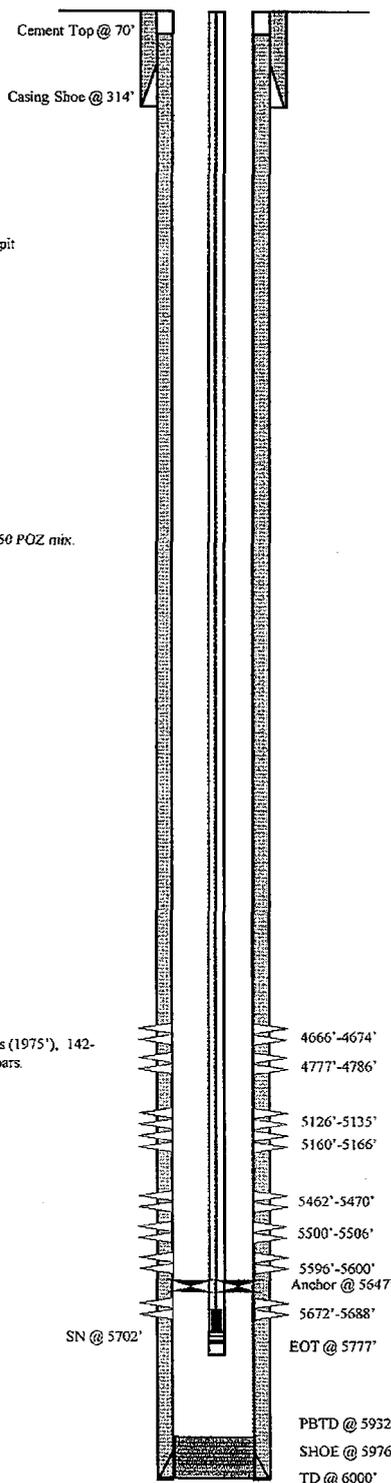
CSG SIZE: 5 1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 141 jts. (5977.86')
 DEPTH LANDED: 5975.86' KB
 HOLE SIZE: 7 7/8"
 CEMENT DATA: 325 sks Prem. Lite II mixed & 450 sks 50/50 POZ mix.
 CEMENT TOP AT: 70'

TUBING

SIZE/GRADE/AWT.: 2 7/8" / J-55 / 6.5#
 NO. OF JOINTS: 180 jts (5634.7')
 TUBING ANCHOR: 5646.7' KB
 NO. OF JOINTS: 2 jts (62.2')
 SEATING NIPPLE: 2 7/8" (1.10')
 SN LANDED AT: 5711.7' KB
 NO. OF JOINTS: 2 jts (62.8')
 TOTAL STRING LENGTH: EOT @ 5777'

SUCKER RODS

POLISHED ROD: 1 1/2" x 22'
 SUCKER RODS: 1-4' x 3/4" pony rod, 79- 7/8" 4per guided rods (1975'), 142- 3/4" guided rods (3550'), 6- 1 1/2" weight bars, 6- 7/8" stabilizer bars.
 PUMP SIZE: 2 1/2" x 1 1/4" x 14' x 16" RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM



FRAC JOB

8/8/05 5596'-5688' **Frac CP2 and CP3 sands as follows:**
 48,881#'s of 20/40s in 437 bbls lightning
 17 frac fluid. Treated @ avg press of 1399,
 w/avg rate of 24.6 bpm. ISIP 2000 psi. Calc
 flush: 5594 gal. Actual flush: 5368 gal.

8/8/05 5462'-5506' **Frac LODC sands as follows:**
 30,693#'s of 20/40 sand in 330 bbls lightning
 17 frac fluid. Treated @ avg press of 1837,
 w/avg rate of 24.9 bpm. ISIP 2260 psi. Calc
 flush: 5460 gal. Actual flush: 5212 gal.

8/9/05 5126'-5166' **Frac LODC sands as follows:**
 30,385#'s of 20/40 sand in 317 bbls
 lightning 17 frac fluid. Treated @ avg press
 of 1882, w/avg rate of 24.9 bpm. ISIP 2750
 psi. Calc flush: 5124 gal. Actual flush: 4885
 gal.

8/9/05 4777'-4786' **Frac C sands as follows:**
 39,987#'s of 20/40 sand in 370 bbls
 lightning 17 frac fluid. Treated @ avg press
 of 1674, w/avg rate of 24.7 bpm. ISIP 1800
 psi. Calc flush: 4775 gal. Actual flush: 4536
 gal.

8/9/05 4666'-4674' **Frac D2 sands as follows:**
 35,978#'s of 20/40 sand in 349 bbls
 lightning 17 frac fluid. Treated @ avg press
 of 1831, w/avg rate of 24.6 bpm. ISIP 1950
 psi. Calc flush: 4664 gal. Actual flush: 4536
 gal.

6/30/08
 1/28/09
 1/10/10
 6/17/2010
 7/2/2010
 3/30/12

Hole in Tubing. Rod & tubing detail updated.
 Tubing Leak. Updated r & t detail.
 Parted rods. Updated rod and tubing detail.
 Parted rods. Updated rod and tubing detail.
 Parted rods. Updated rod and tubing detail.
 Parted rods: updated rod & tubing detail.

PERFORATION RECORD

Date	Interval	Tool	Holes
8/3/05	5672'-5688'	4 JSPP	64 holes
8/3/05	5596'-5600'	4 JSPP	16 holes
8/8/05	5500'-5506'	4 JSPP	24 holes
8/8/05	5462'-5470'	4 JSPP	32 holes
8/9/05	5160'-5166'	4 JSPP	24 holes
8/9/05	5126'-5135'	4 JSPP	36 holes
8/9/05	4777'-4786'	4 JSPP	36 holes
8/9/05	4666'-4674'	4 JSPP	32 holes



Ashley Federal 16-13-9-15
 682' FSL & 523' FEL
 SE/SE Section 13-T9S-R15E
 Duchesne Co, Utah
 API #43-013-32668, Lease #UTU-68548

ML 7/20/2010
 HC 4/5/12

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

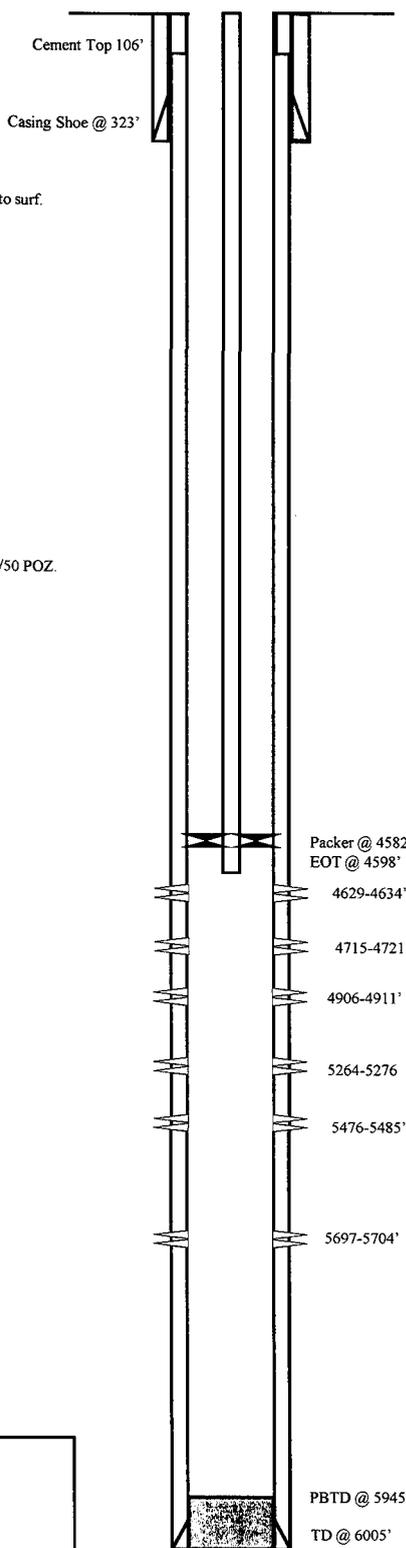
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.56')
 DEPTH LANDED: 323.46' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, est 5 bbls cmt to surf.

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

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

NEWFIELD

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 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

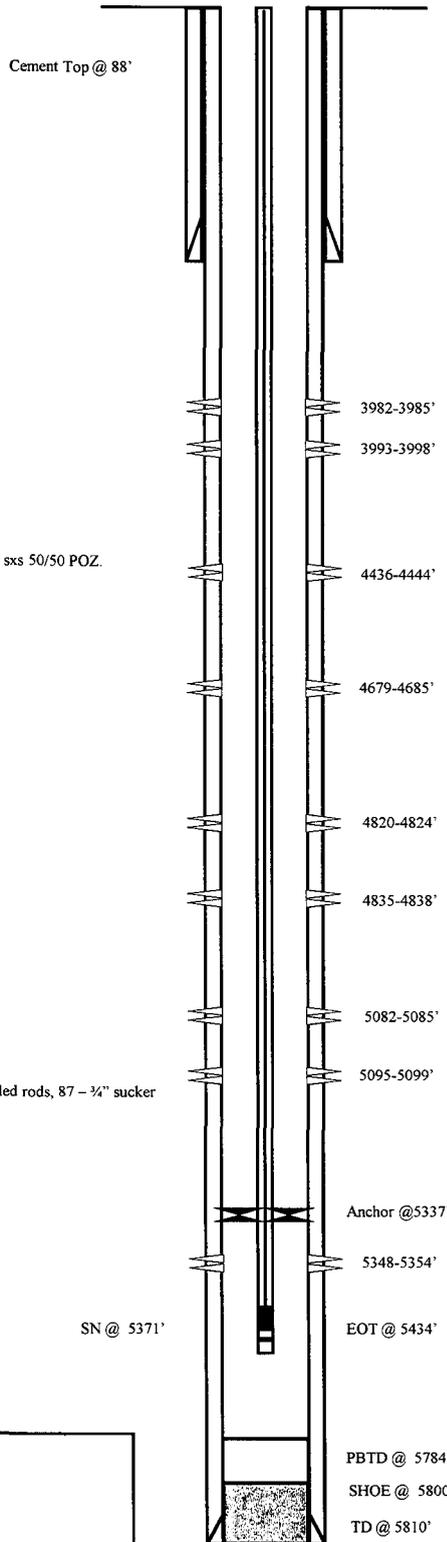
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 145 jts. (5772')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5799.81'
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 88'

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 CP1 sands as follows: Frac with 19980# 20/40 sand in 165 bbls Lightning 17 fluid.
7-1-09	5082-5099'	Frac LODC 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



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 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.

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.

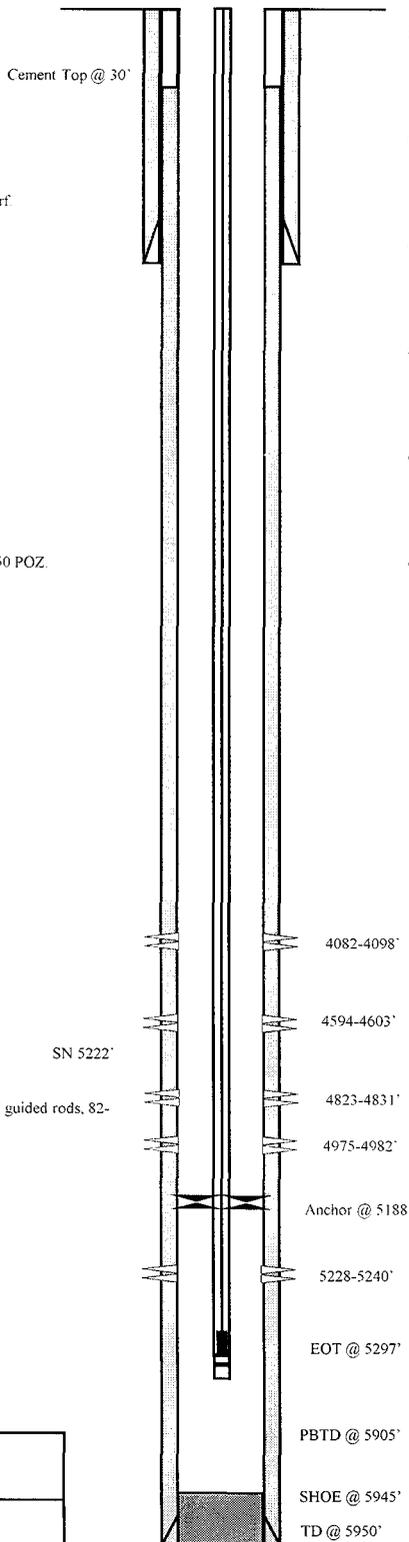
06/27/07 4594-4603' **Frac D1 sands as follows:**
 69977# 20/40 sand in 571 bbls Lightning 17 frac fluid. Treated @ avg press of 1748 psi w/avg rate of 24.8 BPM. ISIP 1927 psi. Calc flush: 4592 gal. Actual flush: 4074 gal.

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





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 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

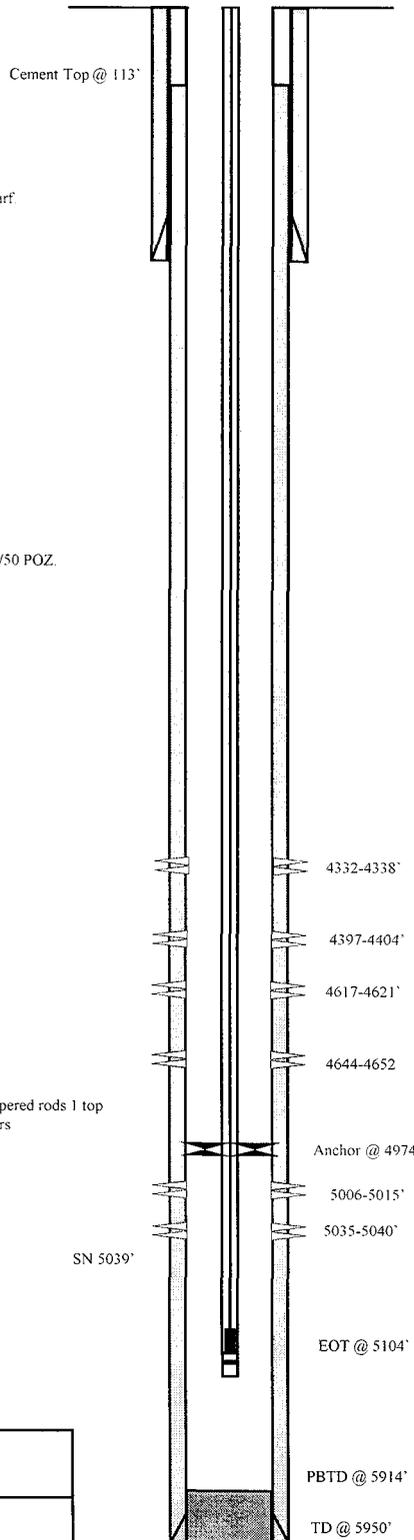
POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 1-4', & 1-2' x 3/4" pony rods, 99-3/4" scraped rods 1 top new, 36-3/4" slick rods, 59-3/4" scraped rods, 6-1 1/2 Wt Bars
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16" x 17" RHAC
 STROKE LENGTH: 102"
 PUMP SPEED, 5 SPM:

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 JSPP	20 holes
5006-5015'	4 JSPP	36 holes
4644-4652'	4 JSPP	32 holes
4617-4621'	4 JSPP	16 holes
4397-4404'	4 JSPP	28 holes
4332-4338'	4 JSPP	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

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'

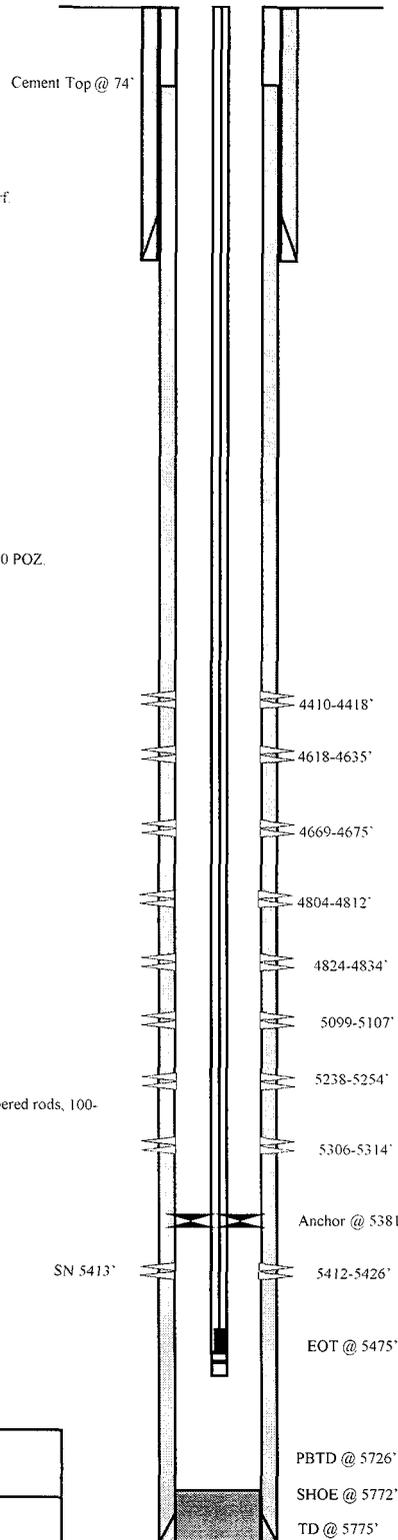
TUBING

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

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

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 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

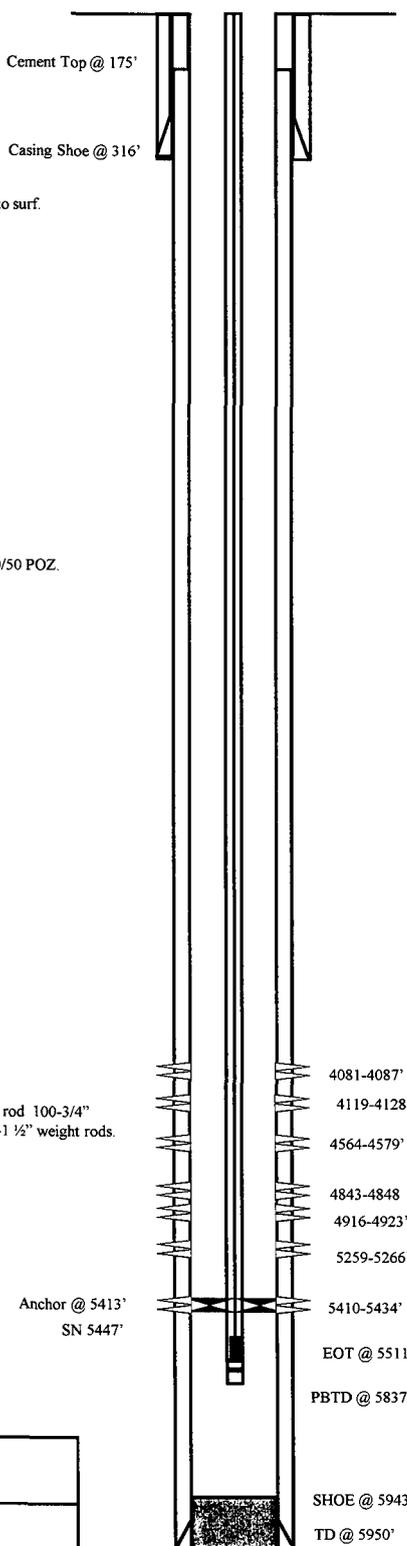
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 172 jts (5412.80')
 TUBING ANCHOR: 5412.80' KB
 NO. OF JOINTS: 1 jts (31.50')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5447.10' KB
 NO. OF JOINTS: 2 jts (62.06')
 TOTAL STRING LENGTH: EOT @ 5510.71' KB

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: CD1 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 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

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 11-19-9-16

Spud Date: 10-09-07
 Put on Production: 1-8-08
 GL: 6199' KB: 6211'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (310.34')
 DEPTH LANDED: 320.34'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, circ. 8 bbl to surf.

PRODUCTION CASING

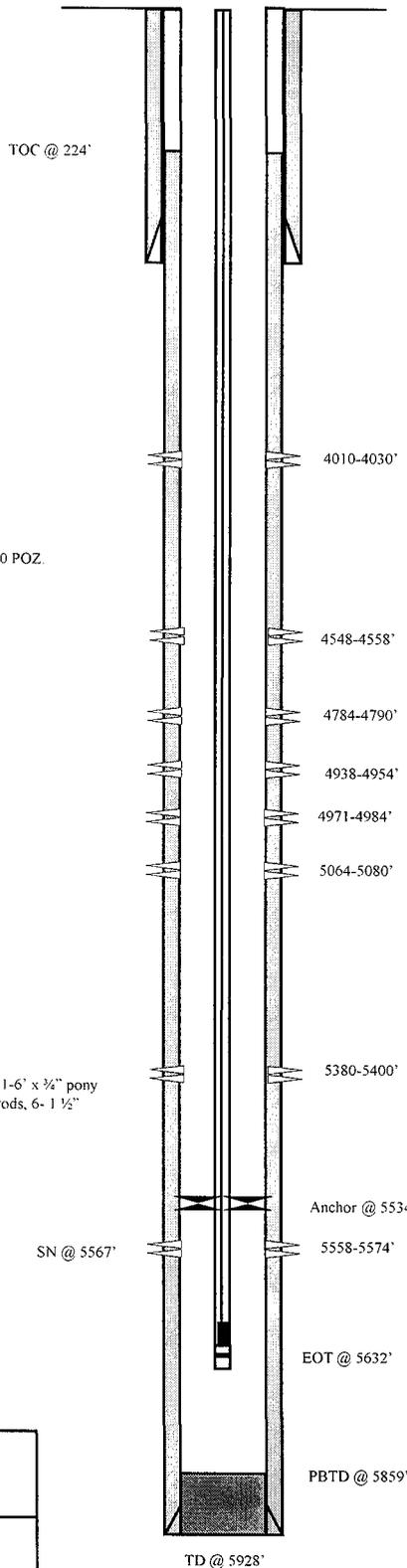
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 152jts. (5907.45')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5905.45'
 CEMENT DATA: 300 sk Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 224' per CBL 12/14/07

TUBING (GI 12/15/11)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 176 jts (5521.9)
 TUBING ANCHOR: 5533.9'
 NO. OF JOINTS: 1 jts (30.1')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5566.8'
 NO. OF JOINTS: 2 jts (62.70')
 NOTCHED COLLAR: 2-7/8" (0.5')
 TOTAL STRING LENGTH: EOT @ 5632'

SUCKER RODS (GI 12/15/11)

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 1-2' x 3/4" pony rods, 1-4' x 3/4" pony rods, 1-6' x 3/4" pony rods, 87-3/4" guided rods, 89-3/4" sucker rods, 38-3/4" guided rods, 6-1 1/2" weight rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' x 20 RHAC Pump
 STROKE LENGTH: 102"
 PUMP SPEED, SPM: 5
 PUMPING UNIT: DARCO C-320-256-120



FRAC JOB

12-26-07	5558-5574'	Frac CP2 sands as follows: Frac with 59775# 20/40 sand in 533bbbs Lightning 17 fluid. Treat at 1825 psi @ 23 BPM. ISIP 2111 psi.
12-26-07	5380-5400'	Frac LODC sands as follows: Frac with 59263# 20/40 sand in 528 bbbs Lightning 17 fluid. Treat at 2001psi @ 23.1 BPM. ISIP 2364psi.
12-27-7	5064-5080'	Frac LODC sands as follows: Frac with 75331# 20/40 sand in 618 bbbs Lightning 17 fluid. Treat at 2507 psi @ 29.1 BPM. ISIP 2905 psi.
12-27-07	4938-4984'	Frac A3 & A1 sand as follows: Frac with 110221# 20/40 sand in 881 bbbs Lightning 17 fluid. Treat at 1743 psi @ 23 BPM. ISIP 2079 psi.
12-27-07	4784-4790'	Frac B.5 sands as follows: Frac with 20091# 20/40 sand in 301 bbbs Lightning 17 fluid. Treat at 2034 psi @ 23 BPM. ISIP 2027 psi.
12-27-07	4548-4558'	Frac D1 sands as follows: Frac with 50552# 20/40 sand in 442 bbbs Lightning 17 fluid. Treat at 1639 psi @ 23.1 BPM. ISIP 2088 psi.
12-27-07	4010-4030'	Frac GB4 sands as follows: Frac with 44039# 20/40 sand in 416 bbbs Lightning 17 fluid. Treat at 1391 psi @ 23 BPM. ISIP 1434 psi.
9-16-08		Parted rod. Updated rod & tubing details.
6/15/09		Tubing Leak. Updated r & t details.

PERFORATION RECORD

4010-4030'	4 JSPF	80 holes
4548-4558'	4 JSPF	40 holes
4784-4790'	4 JSPF	24 holes
4938-4954'	4 JSPF	64 holes
4971-4984'	4 JSPF	52 holes
5064-5080'	4 JSPF	64 holes
5380-5400'	4 JSPF	80 holes
5558-5574'	4 JSPF	64 holes



Federal 11-19-9-16
 1778' FSL & 2197' FWL
 NESW Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33160; Lease #UTU-74391

FEDERAL 12-19-9-16

Spud Date: 05/04/07
 Put on Production: 03/28/07
 GL: 6024' KB: 6036'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (312.23')
 DEPTH LANDED: 324.08' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 169 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 (5741.84')
 DEPTH LANDED: 5744.09' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem Lite II mixed & 451 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 148 jts (4724.60')
 TUBING ANCHOR: 4736.60' KB
 NO. OF JOINTS: 1 jts (31.37')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4770.77' KB
 NO. OF JOINTS: 2 jts (63.07')
 TOTAL STRING LENGTH: EOT @ 4835.39' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 1-6" & 1-8" x 3/4" pony rods, 99-3/4" guided rods, 75-3/4" plain rods, 10-3/4" guided 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, 5 SPM.

FRAC JOB

06/06/07 4764-4774' **Frac A1 sands as follows:**
 49572# 20/40 sand in 420 bbls Lightning 17 frac fluid. Treated @ avg press of 2181 psi w/avg rate of 24.7 BPM. ISIP 2446 psi. Calc flush: 4762 gal. Actual flush: 4301 gal.

06/06/07 4636-4584' **Frac B2 & B1 sands as follows:**
 14528# 20/40 sand in 232 bbls Lightning 17 frac fluid. Treated @ avg press of 2162 psi w/avg rate of 24.7 BPM. ISIP 1790 psi. Calc flush: 4634 gal. Actual flush: 4141 gal.

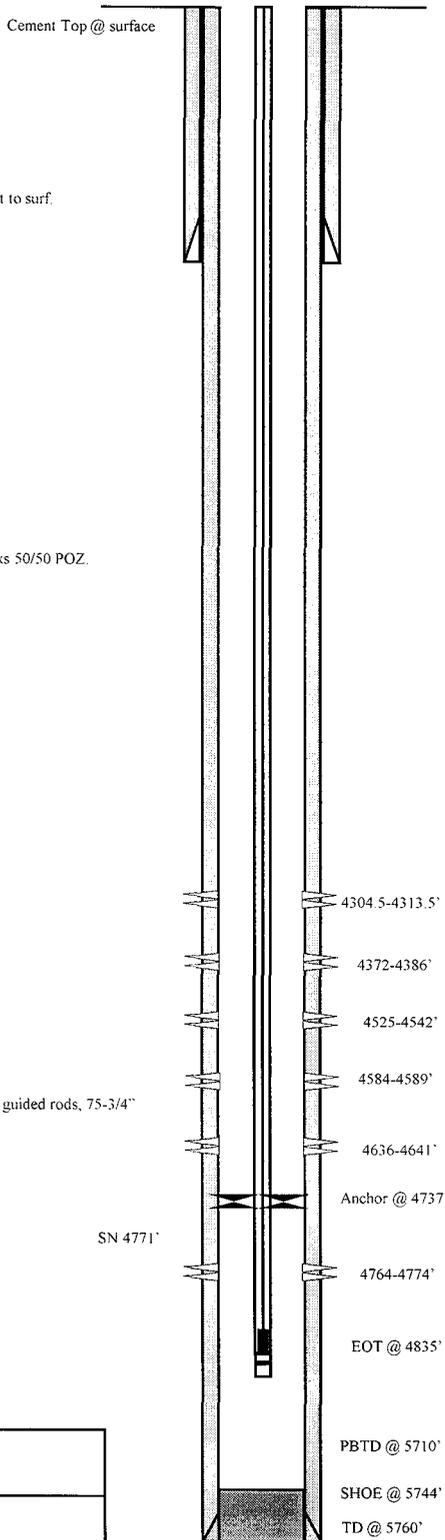
06/06/07 4525-4542' **Frac C sands as follows:**
 99094# 20/40 sand in 695 bbls Lightning 17 frac fluid. Treated @ avg press of 2017 psi w/avg rate of 24.7 BPM. ISIP 2342 psi. Calc flush: 4523 gal. Actual flush: 4040 gal.

06/06/07 4372-4386' **Frac D1 sands as follows:**
 93828# 20/40 sand in 683 bbls Lightning 17 frac fluid. Treated @ avg press of 1800 psi w/avg rate of 24.7 BPM. ISIP 2241 psi. Calc flush: 4370 gal. Actual flush: 3919 gal.

06/06/07 4304.5-4313.5' **Frac DS3 sands as follows:**
 17586# 20/40 sand in 243 bbls Lightning 17 frac fluid. Treated @ avg press of 2345 psi w/avg rate of 24.7 BPM. ISIP 2607 psi. Calc flush: 4302.5 gal. Actual flush: 4242 gal.

PERFORATION RECORD

06/06/07 4764-4774' 4 JSPF 40 holes
 06/06/07 4636-4641' 4 JSPF 20 holes
 06/06/07 4584-4589' 4 JSPF 20 holes
 06/06/07 4525-4542' 4 JSPF 68 holes
 06/06/07 4372-4386' 4 JSPF 56 holes
 06/06/07 4304.5-4313.5' 4 JSPF 36 holes





FEDERAL 12-19-9-16
 1903' FSL & 791' FWL
 NWSW Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33102; Lease # UTU-74391

ATTACHMENT E-10

Ashley Federal 2-24-9-15

Spud Date: 6-30-05
 Put on Production: 9-2-05
 GL: 6187' KB: 6199'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (304.11')
 DEPTH LANDED: 315.01' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4.5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 141 jts. (5963.71')
 DEPTH LANDED: 5976.96' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 270'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 173 jts (5636.4')
 TUBING ANCHOR: 5648.4' KB
 NO. OF JOINTS: 1 jts (63.3')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5714.5' KB
 NO. OF JOINTS: 2 jts (66.10')
 TOTAL STRING LENGTH: EOT @ 5783' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-8", 1-4" x 3/4" pony rod, 98-3/4" = 2450' 4 per guided rods, 57-3/4" = 1425' sucker rods, 66-3/4" = 1650' guided rods, 6-1 1/2" = 150' sinker rods.
 PUMP SIZE: 2-1/2" x 1-1/4" x 14' x 16' RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, 5. SPM

FRAC JOB

8-29-05 5610-5722' **Frac CP2, CP4 sands as follows:**
 50044# 20/40 sand in 432 bbls Lightning 17 frac fluid. Treated @ avg press of 1731 psi w/avg rate of 13 BPM. ISIP 1860 psi. Calc flush: 6508 gal. Actual flush: 5670 gal.

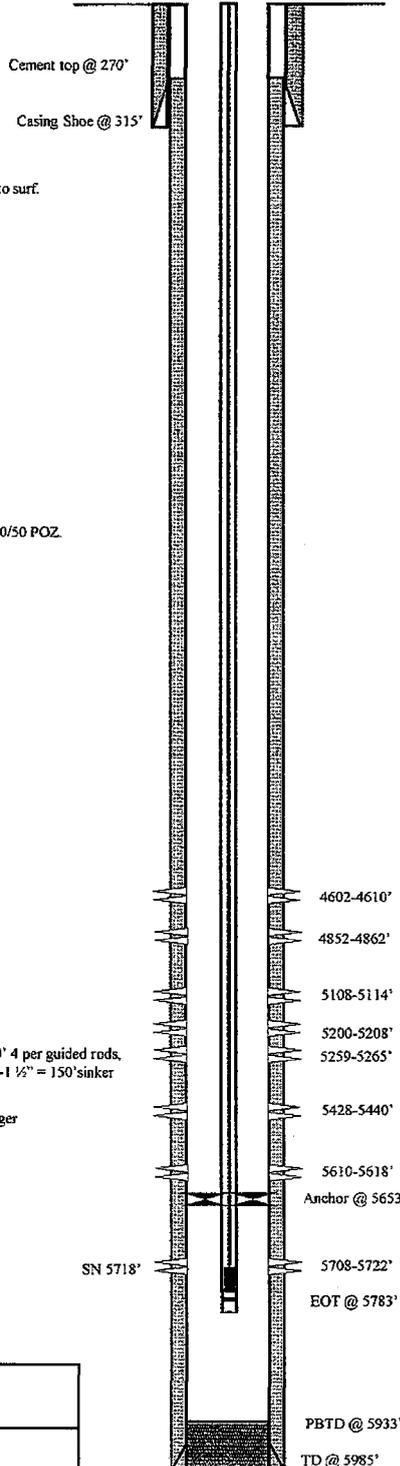
8-29-05 5428-5440' **Frac LODC sands as follows:**
 25523# 20/40 sand in 289 bbls Lightning 17 frac fluid. Treated @ avg press of 2415 psi w/avg rate of 23.4 BPM. ISIP 2030 psi. Calc flush: 5426 gal. Actual flush: 5460 gal.

8-29-05 5108-5265' **Frac LODC sands as follows:**
 60313# 20/40 sand in 476 bbls Lightning 17 frac fluid. Treated @ avg press of 2415 psi w/avg rate of 28.1 BPM. ISIP 2475 psi. Calc flush: 5106 gal. Actual flush: 5460 gal.

8-29-05 4852-4862' **Frac B1 sands as follows:**
 29993# 20/40 sand in 310 bbls Lightning 17 frac fluid. Treated @ avg press of 1311 psi w/avg rate of 16.8 BPM. ISIP 1830 psi. Calc flush: 4850gal. Actual flush: 4872 gal.

8-29-05 4602-4610' **Frac D1 sands as follows:**
 20865# 20/40 sand in 262 bbls Lightning 17 frac fluid. Treated @ avg press of 1648 psi w/avg rate of 16.7 BPM. ISIP 2090 psi. Calc flush: 4600 gal. Actual flush: 4494 gal

1/14/09 Tubing Leak. Updated rod & tubing details.
 11/23/10 Tubing Leak. Updated rod & tubing details
 12/6/2011 Tubing Leak. Updated rod & tubing detail.



PERFORATION RECORD

8-15-05	5610-5618'	4 JSPF	32 holes
8-15-05	5708-5722'	4 JSPF	56 holes
8-29-05	5428-5440'	4 JSPF	48 holes
8-29-05	5259-5265'	4 JSPF	24 holes
8-29-05	5200-5208'	4 JSPF	32 holes
8-29-05	5108-5114'	4 JSPF	24 holes
8-29-05	4852-4862'	4 JSPF	40 holes
8-29-05	4602-4610'	4 JSPF	32 holes

NEWFIELD

Ashley Federal 2-24-9-15

661' FNL & 1784' FEL
 NW/NE Section 24-T9S-R1SE
 Duchesne Co, Utah
 API #43-013-32645; Lease #UTU-66185

Ashley Federal 7-24-9-15

Spud Date: 3-7-05
 Put on Production: 5-4-05
 GL: 6206' KB: 6218'

Initial Production: 71 BOPD,
 22 MCFD, 96 BWPD

Injection Wellbore
 Diagram

SURFACE CASING

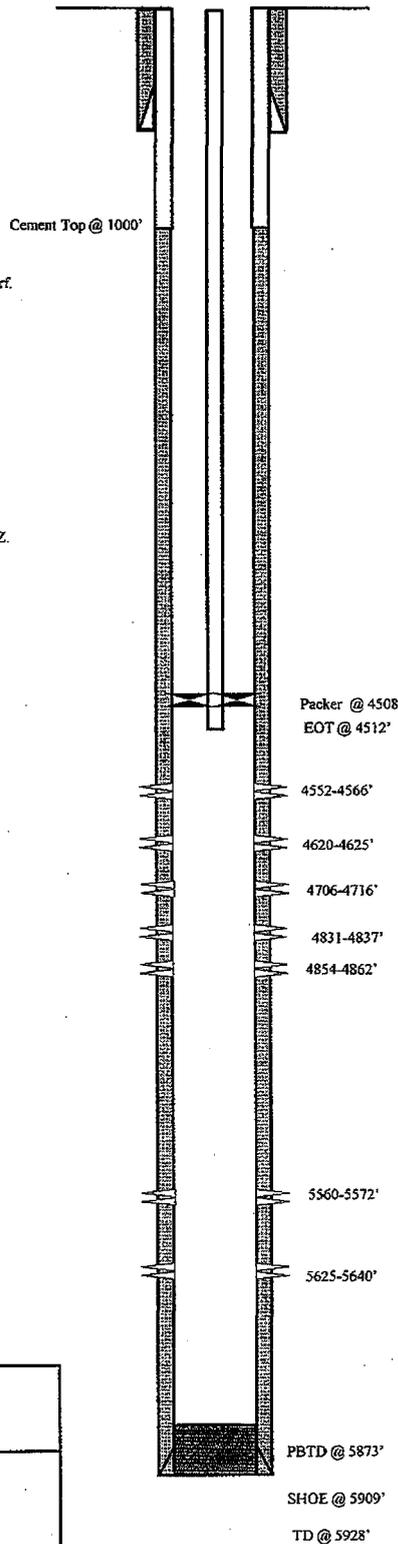
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (296.01')
 DEPTH LANDED: 306.91' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 164 jts. (5907.41')
 DEPTH LANDED: 5908.70' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 1000'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 136 jts (4491.93')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4503.93' KB
 TOTAL STRING LENGTH: EOT @ 4512.13' KB



FRAC JOB

- 4-26-05 5560-5640' **Frac CP2 & CP 3 sand as follows:**
 90655#'s 20/40 sand in 685 bbls Lightning
 17 frac fluid. Treated @ avg press of 1734 psi
 w/avg rate of 25 BPM. ISIP 1920 psi. Calc
 flush: 5558 gal. Actual flush: 5376 gal.
- 4-26-05 4831-4862' **Frac B2 sand as follows:**
 84061#'s 20/40 sand in 631 bbls Lightning
 17 frac fluid. Treated @ avg press of 1880 psi
 w/avg rate of 25.2 BPM. ISIP 2230 psi. Calc
 flush: 4829 gal. Actual flush: 4700 gal.
- 4-26-05 4706-4716' **Frac C, sand as follows:**
 20554#'s 20/40 sand in 248 bbls Lightning
 17 frac fluid. Treated @ avg press of 2559 psi
 w/avg rate of 25 BPM. ISIP 2500 psi. Calc
 flush: 4704 gal. Actual flush: 4578 gal.
- 4-26-05 4552-4625' **Frac D1 & D2 sand as follows:**
 93372#'s 20/40 sand in 655 bbls Lightning
 17 frac fluid. Treated @ avg press of 1840 psi
 w/avg rate of 25.1 BPM. ISIP 2065 psi. Calc
 flush: 52220 gal. Actual flush: 4548 gal.
- 5-23-05 Pump Change. Update rod and tubing detail.
- 1/10/07 Well converted to an Injection well. MIT
 completed and submitted.

PERFORATION RECORD

Date	Interval	Tool	Holes
4-15-05	5560-5572'	4 JSPF	48 holes
4-15-05	5625-5640'	4 JSPF	60 holes
4-26-05	4831-4837'	4 JSPF	24 holes
4-26-05	4854-4862'	4 JSPF	32 holes
4-26-05	4706-4716'	4 JSPF	40 holes
4-26-05	4552-4566'	4 JSPF	56 holes
4-26-05	4620-4625'	4 JSPF	20 holes

NEWFIELD

Ashley Federal 7-24-9-15
 2067' FNL & 2095' FEL
 SW/NE Section 24-T9S-R15E
 Duchesne Co, Utah
 API #43-013-32485; Lease #UTU-02458

ATTACHMENT E-12

Ashley Federal 8-24-9-15

Spud Date: 7-5-06
Put on Production: 9-1-06

GL: 6201' KB: 6213'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (309.21')
DEPTH LANDED: 321.06' 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: 135 jts (5918.43')
DEPTH LANDED: 5931.68' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 350'

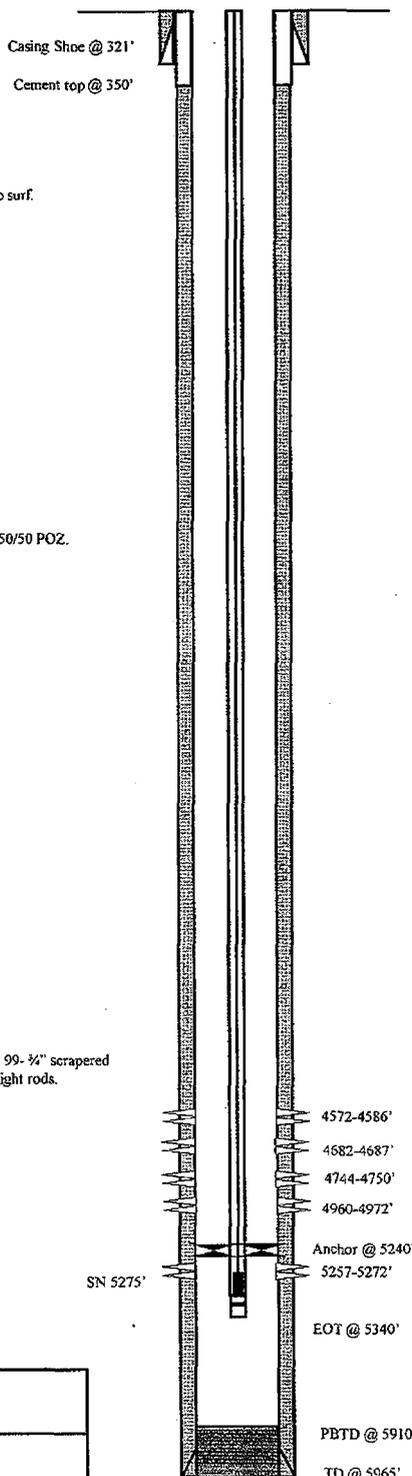
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 165 jts (5559.84')
TUBING ANCHOR: 5239.99' KB
NO. OF JOINTS: 1 jts (31.74')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5274.53' KB
NO. OF JOINTS: 2 jts (63.37')
TOTAL STRING LENGTH: EOT @ 5339.45' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-8", 1-6", 2-4", & 1-2" X 3/4" pony rods, 99- 3/4" scraped rods, 94- 3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

08-29-06	5257-5272'	Frac LODC sands as follows: 40499# 20/40 sand in 430 bbls Lightning 17 frac fluid. Treated @ avg press of 2365 psi w/avg rate of 25 BPM. ISIP 2475 psi. Calc flush: 5255 gal. Actual flush: 4746 gal.
08-29-06	4960-4972'	Frac A1 sands as follows: 70637# 20/40 sand in 522 bbls Lightning 17 frac fluid. Treated @ avg press of 1895 psi w/avg rate of 25 BPM. ISIP 1950 psi. Calc flush: 4958 gal. Actual flush: 4444 gal.
08-29-06	4682-4750'	Frac C, & D3 sands as follows: 34614# 20/40 sand in 374 bbls Lightning 17 frac fluid. Treated @ avg press of 2035psi w/avg rate of 24.9 BPM. ISIP 1750 psi. Calc flush: 4680 gal. Actual flush: 4162 gal.
08-29-06	4572-4586'	Frac D1 sands as follows: 75771# 20/40 sand in 562 bbls Lightning 17 frac fluid. Treated @ avg press of 1955 w/ avg rate of 25 BPM. ISIP 2025 psi. Calc flush: 4570 gal. Actual flush: 4440 gal.

PERFORATION RECORD

08-16-06	5257-5272'	4 JSPF	60 holes
08-29-06	4960-4972'	4 JSPF	48 holes
08-29-06	4744-4750'	4 JSPF	24 holes
08-29-06	4682-4687'	4 JSPF	20 holes
08-29-06	4572-4586'	4 JSPF	56 holes

NEWFIELD

Ashley Federal 8-24-9-15

2130' FNL & 584' FEL

SE/NE Section 24-T9S-R15E

Duchesne Co, Utah

API # 43-013-32818, Lease # UTU-02458

Ashley Federal 9-24-9-15

Spud Date: 7-7-06
 Put on Production: 8-30-06
 GL: 6242' KB: 6254'

Initial Production: BOPD,
 MCFD, BWPD

Injection Wellbore Diagram

SURFACE CASING

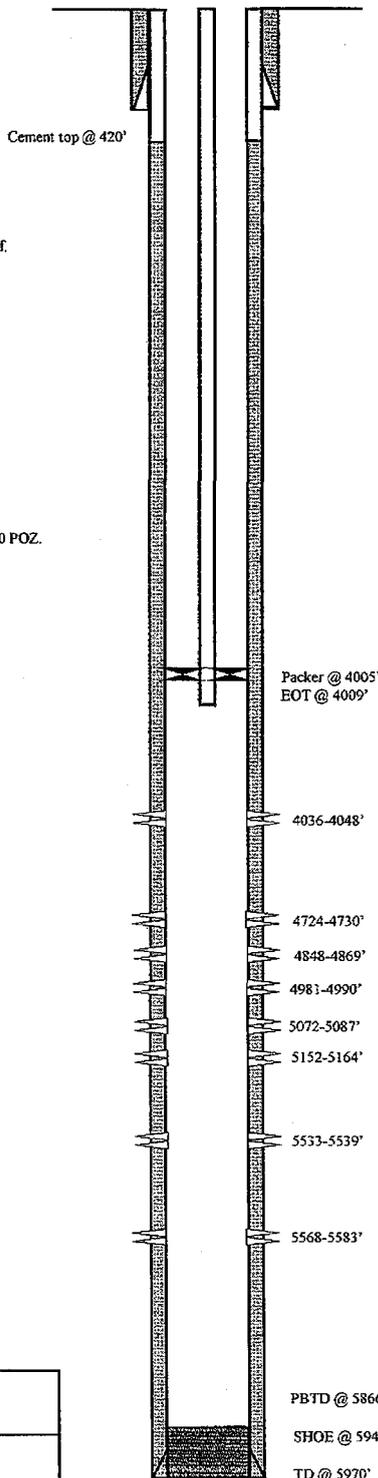
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (309.97')
 DEPTH LANDED: 314.77' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 136 jts (5933.97')
 DEPTH LANDED: 5947.22' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 420'

TUBING

SIZE/GRADE/AWT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 126 jts (3988.71')
 SN LANDED AT: 4000.71' KB
 TOTAL STRING LENGTH: EOT @ 4009.11' KB



FRAC JOB

08-22-06	5533-5583'	Frac CP1, & CP3 sands as follows: 49445# 20/40 sand in 430 bbls Lightning 17 frac fluid. Treated @ avg press of 1798 psi w/avg rate of 25.1 BPM. ISIP 1800 psi. Calc flush: 5531 gal. Actual flush: 4998 gal.
08-22-06	5152-5164'	Frac LODC sands as follows: 33453# 20/40 sand in 385 bbls Lightning 17 frac fluid. Treated @ avg press of 2733 psi w/avg rate of 24.9 BPM. ISIP 2600 psi. Calc flush: 5150 gal. Actual flush: 4704 gal.
08-24-06	5072-5087'	Frac LODC sands as follows: 33580# 20/40 sand in 441 bbls Lightning 17 frac fluid. Treated @ avg press of 2730 psi w/avg rate of 24.9 BPM. ISIP 3000 psi. Calc flush: 5070 gal. Actual flush: 4620 gal.
08-24-06	4981-4990'	Frac A1 sands as follows: 29436# 20/40 sand in 360 bbls Lightning 17 frac fluid. Treated @ avg press of 2150 w/ avg rate of 25 BPM. ISIP 2200 psi. Calc flush: 4979 gal. Actual flush: 4536 gal.
08-25-06	4848-4869'	Frac B2 sands as follows: 120080# 20/40 sand in 824 bbls Lightning 17 frac fluid. Treated @ avg press of 2010 w/ avg rate of 25.1 BPM. ISIP 2450 psi. Calc flush: 4846 gal. Actual flush: 4368 gal.
08-25-06	4036-4730'	Frac C, GB4 sands as follows: 49591# 20/40 sand in 394 bbls Lightning 17 frac fluid. Treated @ avg press of 1936 w/ avg rate of 25.1 BPM. ISIP 1850 psi. Calc flush: 4034 gal. Actual flush: 3906 gal.
10/27/06		Pump Change. Update rod and tubing details.
9/29/08		Well converted to an Injection Well.
10/13/08		MIT completed and submitted.

PERFORATION RECORD

08-11-06	5568-5583'	4 JSFP	60 holes
08-11-06	5533-5539'	4 JSFP	24 holes
08-22-06	5152-5164'	4 JSFP	48 holes
08-22-06	5072-5087'	4 JSFP	60 holes
08-24-06	4981-4990'	4 JSFP	36 holes
08-25-06	4848-4869'	4 JSFP	84 holes
08-25-06	4724-4730'	4 JSFP	24 holes
08-25-06	4036-4048'	4 JSFP	48 holes

NEWFIELD

Ashley Federal 9-24-9-15

2009' FSL & 755' FEL
 NE/SE Section 24-T9S-R15E
 Duchesne Co, Utah
 API # 43-013-32819; Lease # UTU-02458

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

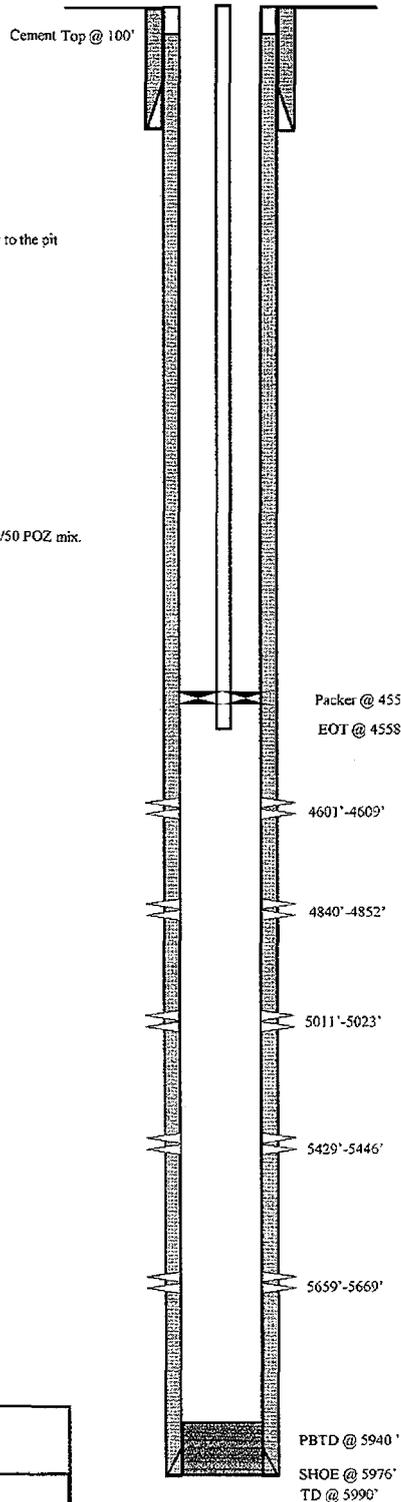
CSG SIZE: 8 5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (298.59')
 DEPTH LANDED: 308.59' KB
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 160 sxs Class "G" Mix. Est 3 bbls cement to the pit

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	ISPF	Holes
05/16/05	5659'-5669'	4 ISPF	40 holes
05/26/05	5429'-5446'	4 ISPF	68 holes
05/27/05	5011'-5023'	4 ISPF	48 holes
05/27/05	4840'-4852'	4 ISPF	48 holes
05/27/05	4601'-4609'	4 ISPF	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

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				

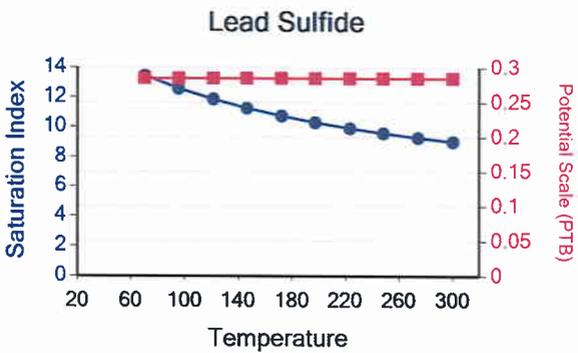
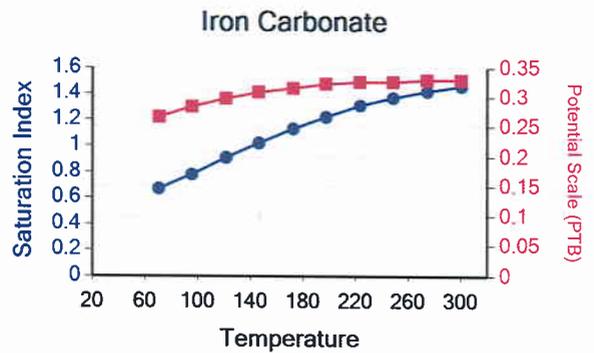
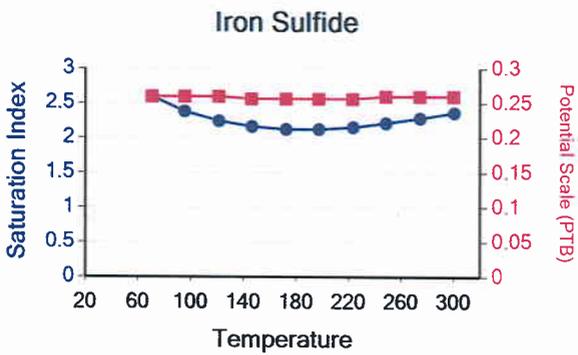
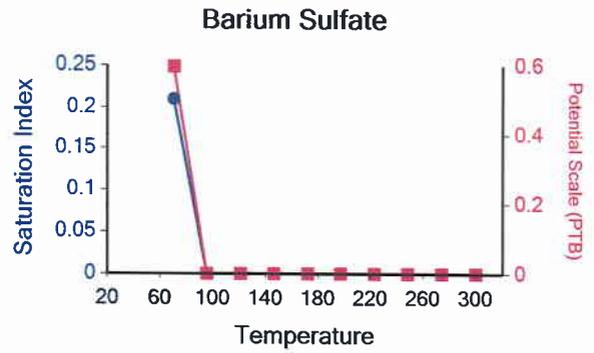
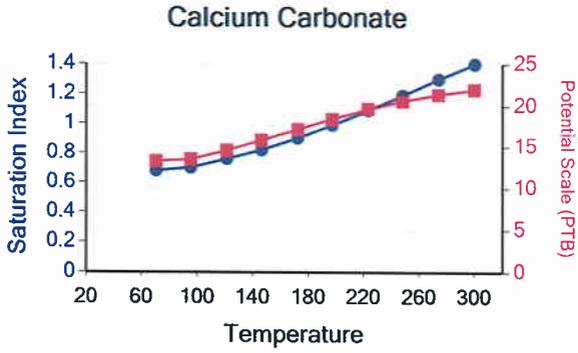
Notes:

(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**

Sales Rep: **Darren Betts**

Well Name: **FEDERAL 5-19-9-16**

Lab Tech: **Gary Peterson**

Sample Point:

Sample Date: **4/11/2012**

Sample ID: **WA-212304**

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:	4/25/2012	Sodium (Na):	7996.06	Chloride (Cl):	10000.00
System Temperature 1 (°F):	300.00	Potassium (K):	12.50	Sulfate (SO4):	5.00
System Pressure 1 (psig):	3000.0000	Magnesium (Mg):	2.00	Bicarbonate (HCO3):	4074.80
System Temperature 2 (°F):	70.00	Calcium (Ca):	5.70	Carbonate (CO3):	0.00
System Pressure 2 (psig):	14.7000	Strontium (Sr):	0.00	Acetic Acid (CH3COO)	0.00
Calculated Density (g/ml):	1.01	Barium (Ba):	25.00	Propionic Acid (C2H5COO)	0.00
pH:	8.90	Iron (Fe):	0.20	Butanoic Acid (C3H7COO)	0.00
Calculated TDS (mg/L):	22121.27	Zinc (Zn):	0.00	Isobutyric Acid ((CH3)2CHCOO)	0.00
CO2 in Gas (%):	0.00	Lead (Pb):	0.00	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):	0.01	Silica (SiO2):	0.00
H2S in Water (mg/L):	25.00				

Notes:

(PTB = Pounds per Thousand Barrels)

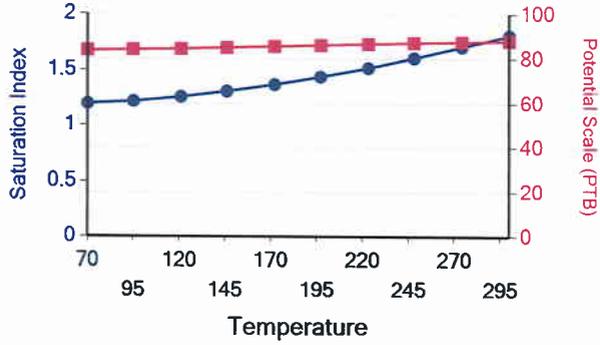
Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70.00	14.00	1.20	4.67	0.51	2.66	3.42	0.11	1.58	0.14	0.00	0.00	0.00	0.00	0.00	0.00	9.25	0.00
95.00	346.00	1.22	4.69	0.27	1.67	3.19	0.11	1.70	0.14	0.00	0.00	0.00	0.00	0.00	0.00	8.72	0.00
121.00	678.00	1.26	4.71	0.08	0.56	3.03	0.11	1.80	0.14	0.00	0.00	0.00	0.00	0.00	0.00	8.27	0.00
146.00	1009.00	1.31	4.74	0.00	0.00	2.93	0.11	1.90	0.14	0.00	0.00	0.00	0.00	0.00	0.00	7.89	0.00
172.00	1341.00	1.37	4.77	0.00	0.00	2.88	0.11	1.99	0.14	0.00	0.00	0.00	0.00	0.00	0.00	7.57	0.00
197.00	1673.00	1.44	4.81	0.00	0.00	2.86	0.11	2.07	0.14	0.00	0.00	0.00	0.00	0.00	0.00	7.30	0.00
223.00	2004.00	1.52	4.84	0.00	0.00	2.87	0.11	2.13	0.14	0.00	0.00	0.00	0.00	0.00	0.00	7.07	0.00
248.00	2336.00	1.61	4.86	0.00	0.00	2.91	0.11	2.19	0.14	0.00	0.00	0.00	0.00	0.00	0.00	6.87	0.00
274.00	2668.00	1.71	4.89	0.00	0.00	2.97	0.11	2.23	0.14	0.00	0.00	0.00	0.00	0.00	0.00	6.69	0.00
300.00	3000.00	1.81	4.91	0.00	0.00	3.04	0.11	2.26	0.14	0.00	0.00	0.00	0.00	0.00	0.00	6.53	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
70.00	14.00	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
95.00	346.00	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
121.00	678.00	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
146.00	1009.00	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
172.00	1341.00	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
197.00	1673.00	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
223.00	2004.00	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
248.00	2336.00	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
274.00	2668.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	3000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

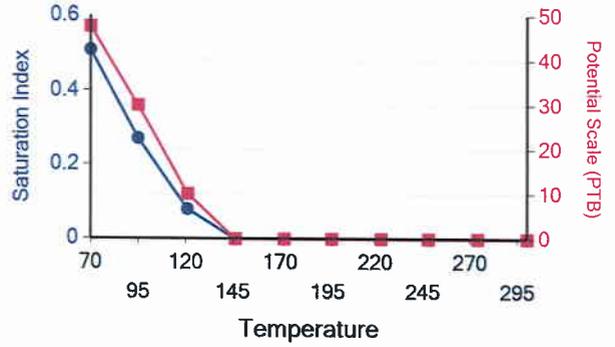
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide

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

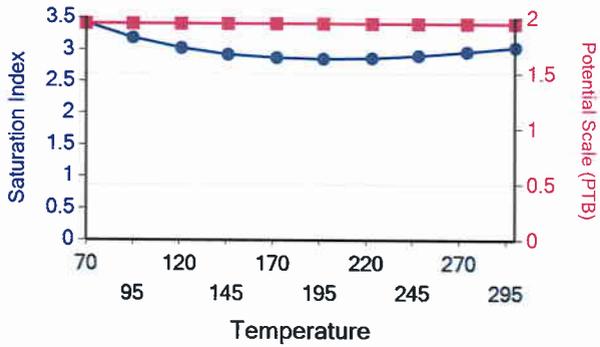
Calcium Carbonate



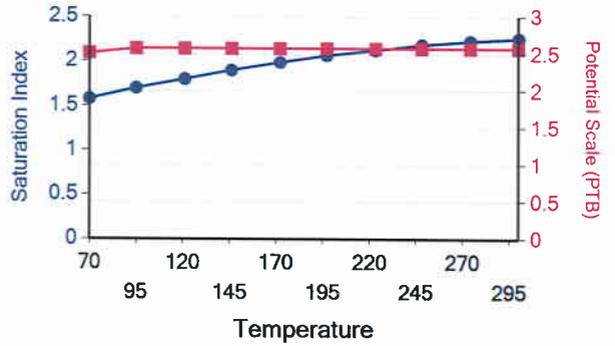
Barium Sulfate



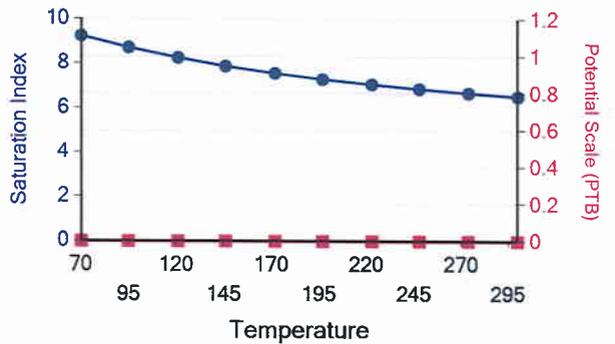
Iron Sulfide



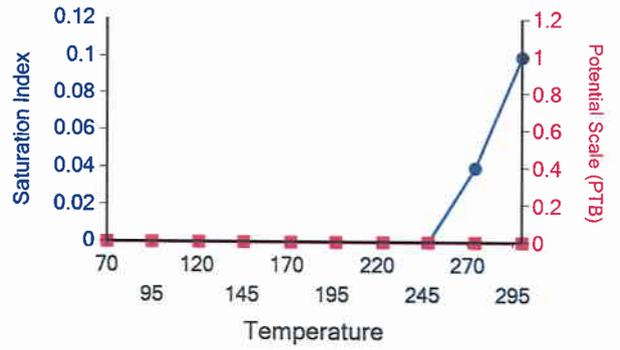
Iron Carbonate



Zinc Sulfide



Zinc Carbonate



Attachment "G"

**Federal #5-19-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5292	5305	5299	2307	0.87	2273
5224	5233	5229	2399	0.89	2365
5014	5028	5021	2070	0.85	2037 ←
4770	4776	4773	3458	1.16	3427
				Minimum	<u><u>2037</u></u>

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

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

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



DAILY COMPLETION REPORT

WELL NAME: Federal 5-19-9-16 **Report Date:** 10/2/2007 **Day:** 1
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 306' **Prod Csg:** 5-1/2" @ 5888' **Csg PBTD:** 5845' WL
Tbg: Size: _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** _____

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LODC sds	5292-5305'	4/52			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 10/1/2007 **SITP:** _____ **SICP:** 0

Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5845' & cement top @ 153'. Perforate stage #1, LODC sds @ 5292-5305' w/ 3-1/8" Slick Guns (19 gram, .49"EH. 120) w/ 4 spf for total o 52 shots. 140 BWTR. SWIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 140 **Starting oil rec to date:** _____
Fluid lost/recovered today: 0 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 140 **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	\$540
NPC NU crew	\$300
NDSI trucking	\$800
Perforators LLC	\$6,120
Drilling cost	\$295,471
Action Hot Oil	\$420
Location preparation	\$300
NPC wellhead	\$1,500
Benco - anchors	\$1,200
Admin. Overhead	\$3,000
NPC Supervision	\$300

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: \$309,951
TOTAL WELL COST: \$309,951



DAILY COMPLETION REPORT

WELL NAME: Federal 5-19-9-16 **Report Date:** 10/3/2007 **Day:** 2b
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 306' **Prod Csg:** 5-1/2" @ 5888' **Csg PBTD:** 5845' WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** _____
CBP @ 5270'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LODC sds	5224-5233'	4/36			
LODC sds	5292-5305'	4/52			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 10/2/2007 **SITP:** _____ **SICP:** 2005

Day 2b, Stage #2 LODC sds.

RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 9' per gun. Set plug @ 5270'. Perforate LODC sds @ 5224-33' w/ 3-1/8" Slick Guns (.37"EH, 23 gram, 90) w/ 4 spf for tota of 36 shots. RU BJ Services. 2005 psi on well. Frac LODC sds w/ 56,237#'s of 20/40 sand in 502 bbls of Lightning 17 fluid. Broke @ 3000 psi. Treated w/ ave pressure of 2357 psi w/ ave rate of 24.8 BPM. ISIP 2399 psi. Leave pressure on well. 1231 BWTR. See day 2c.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 729 **Starting oil rec to date:** _____
Fluid lost/recovered today: 502 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1231 **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 csg
1537 bbls to Techni-Hib & crosslink
4400 gals of pad
2944 gals w/ 1-5 ppg of 20/40 sand
5872 gals w/ 5-8 ppg of 20/40 sand
1097 gals w/ 8 ppg of 20/40 sand
504 gals of 15% HCL acid
Flush w/ 4717 gals of slick water

COSTS

BJ Services LODC	\$12,189
CD Trucking	\$1,120
NPC fuel gas	\$105
Weatherford tools	\$2,700
Lone Wolf WL	\$3,745
NPC Supervisor	\$75

****Flush called @ blender to includee 2 bbl pump/line volume****

Max TP: 2727 **Max Rate:** 24.8 bpm **Total fluid pmpd:** 502 bbls
Avg TP: 2357 **Avg Rate:** 24.8 bpm **Total Prop pmpd:** 56,237#
ISIP: 2399 **5 min:** _____ **10 min:** _____ **F.G.** .89

Completion Supervisor: Don Dulen

DAILY COST: \$19,934
TOTAL WELL COST: \$359,683



DAILY COMPLETION REPORT

WELL NAME: Federal 5-19-9-16 Report Date: 10/4/2007 Day: 3
Operation: Completion Rig: NC#3

WELL STATUS

Surf Csg: 8-5/8' @ 306' Prod Csg: 5-1/2" @ 5888' Csg PBDT: 5845' WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBDT:
CBP @ 5130', 5270'

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Rows include A3 sds, LOdc sds, and LOdc sds with corresponding perforation data.

CHRONOLOGICAL OPERATIONS

Date Work Performed: 10/3/2007 SITP: SICP:

MIRUSU. RU rig floor. X- over to tbg eq. PU TIH w/ bar NC, 163- jts 2 7/8. Tag fill @ 5003'. Clean out fill to Plg @ 5130'. CWC. TOH w/ 167- jts 2 7/8, NC. ND washhead. SDFD.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1231 Starting oil rec to date:
Fluid lost/recovered today: Oil lost/recovered today:
Ending fluid to be recovered: 1231 Cum oil recovered:
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

COSTS

Table listing various cost items and their amounts, including NC#3 (\$4,635), NPC supervision (\$300), TPS new j-55 tbg (\$23,073), CD wtr trucking (\$600), Unichem chemicals (\$400), Monks pit reclaim (\$1,800), NPC sfc eq (\$130,000), Boren welding (\$19,500), NDSI wtrdisposal (\$4,000), NPC loc cleanup (\$300), Mt West sanitation (\$300), NPC trucking (\$900), and NDSI trucking (\$600).

DAILY COST: \$186,408

Completion Supervisor: Bill Lough

TOTAL WELL COST: \$554,616



DAILY COMPLETION REPORT

WELL NAME: Federal 5-19-9-16 **Report Date:** 10/5/2007 **Day:** 4a
Operation: Completion **Rig:** NC#3

WELL STATUS

Surf Csg: 8-5/8' @ 306' **Prod Csg:** 5-1/2" @ 5888' **Csg PBDT:** 5845' WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBDT:** _____
CBP @ 5130', 5270'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<u>A3 sds</u>	<u>5014-5028'</u>	<u>4/56</u>	_____	_____	_____
<u>LODC sds</u>	<u>5224-5233'</u>	<u>4/36</u>	_____	_____	_____
<u>LODC sds</u>	<u>5292-5305'</u>	<u>4/52</u>	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

CHRONOLOGICAL OPERATIONS

Date Work Performed: 10/4/2007 **SITP:** _____ **SICP:** 580

Day 4a, Stage #3 A3 sds.

RU BJ Services. 580 psi on well. Frac A3 sds w/ 49,854#'s of 20/40 sand in 466 bbls of Lightning 17 fluid. Broke @ 1368 psi. Treated w/ ave pressure of 1934 psi w/ ave rate of 24.8 BPM. ISIP 2070 psi. Leave pressure on well. 1697 BWTR. See day 4b.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1231 **Starting oil rec to date:** _____
Fluid lost/recovered today: 466 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1697 **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: A3 sds down csg

- 1978 bbls to Techni-Hib & crosslink
- 3800 gals of pad
- 2625 gals w/ 1-5 ppg of 20/40 sand
- 5250 gals w/ 5-8 ppg of 20/40 sand
- 908 gals w/ 8 ppg of 20/40 sand
- 504 gals of 15% HCL acid
- Flush w/ 4507 gals of slick water

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

Max TP: 2246 **Max Rate:** 24.9 bpm **Total fluid pmpd:** 466 bbls

Avg TP: 1934 **Avg Rate:** 24.8 bpm **Total Prop pmpd:** 49,854#

ISIP: 2070 **5 min:** _____ **10 min:** _____ **F.G.** .85

Completion Supervisor: Bill Lough

COSTS

<u>NPC supervision</u>	<u>\$150</u>
<u>BJ Services A3</u>	<u>\$11,116</u>
<u>CD Trucking</u>	<u>\$1,080</u>
<u>NPC fuel gas</u>	<u>\$101</u>
DAILY COST:	<u>\$12,447</u>
TOTAL WELL COST:	<u>\$567,063</u>



7 of 9

DAILY COMPLETION REPORT

WELL NAME: Federal 5-19-9-16 **Report Date:** 10/5/2007 **Day:** 4b
Operation: Completion **Rig:** NC#3

WELL STATUS

Surf Csg: 8-5/8' @ 306' **Prod Csg:** 5-1/2" @ 5888' **Csg PBDT:** 5845' WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBDT:** 4880'
CBP @ 5130', 5270'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
C sds	4770-4776'	4/24			
A3 sds	5014-5028'	4/56			
LODC sds	5224-5233'	4/36			
LODC sds	5292-5305'	4/52			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 10/4/2007 **SITP:** _____ **SICP:** 1715

Day 4b, Stage #4 C sds.

RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 6' perf gun Set plug @ 4880'. Perforate C sds @ 4770-76' w/ 3-1/8" Slick Guns (.37"EH, 23 gram, 90) w/ 4 spf for total of 24 shots. RU BJ Services. 1715 psi on well. Frac C sds w/ 16,441#s of 20/40 sand in 257 bbls of Lightning 17 fluid Broke @ 2947 psi. Treated w/ ave pressure of 2243 psi w/ ave rate of 24.8 BPM. ISIP 3458 psi. Open well to pit for immediate flowback @ 1 bpm. Well flowed for 3 hrs. & died. Recovered 180 bbls. ND frac head & BOP. RU production head & BOP. RU rig floor. TIH w/ chomp bit & 100- jts 2 7/8. SDFD.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1697 **Starting oil rec to date:** _____
Fluid lost/recovered today: _____ **Oil lost/recovered today:** _____
Ending fluid to be recovered: _____ **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

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

Procedure or Equipment detail: C sds down csg
1487 bbls to Techni-Hib & crosslink
1500 gals of pad
1149 gals w/ 1-4 ppg of 20/40 sand
1988 gals w/ 4-6.5 ppg of 20/40 sand
Flush w/ 4683gals of slick water

COSTS

NC#3	\$4,486
NPC supervision	\$300
BJ Services C	\$17,379
CD Trucking	\$360
NPC fuel gas	\$34
Lone Wolf WL	\$4,389
Weatherford tools	\$3,200

Max TP: 2441 **Max Rate:** 24.9 bpm **Total fluid pmpd:** 257 bbls
Avg TP: 2243 **Avg Rate:** 24.8 bpm **Total Prop pmpd:** 16,441#
ISIP: 3458 **5 min:** _____ **10 min:** _____ **F.G.** 1.15
Completion Supervisor: Bill Lough

DAILY COST: _____ \$30,148
TOTAL WELL COST: _____ \$597,211

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4720'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 181' balance plug using 21 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 42 sx Class "G" cement down 5 ½" casing to 363'

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

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

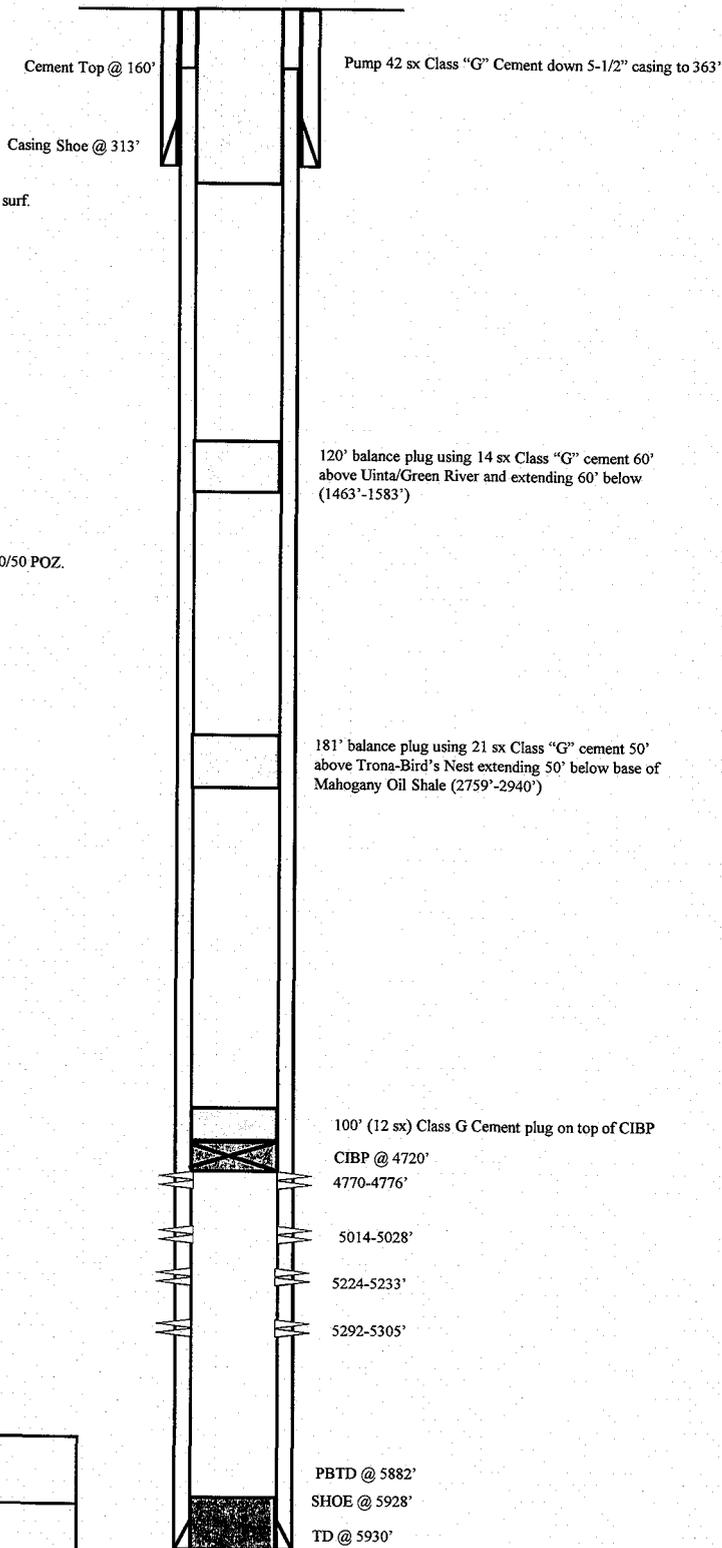
Proposed P & A Wellbore Diagram

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.




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



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

July 19, 2012

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

Subject: Greater Monument Butte Unit Well: Federal 5-19-9-16, Section 19, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33174

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 3,911 feet in the Federal 5-19-9-16 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,

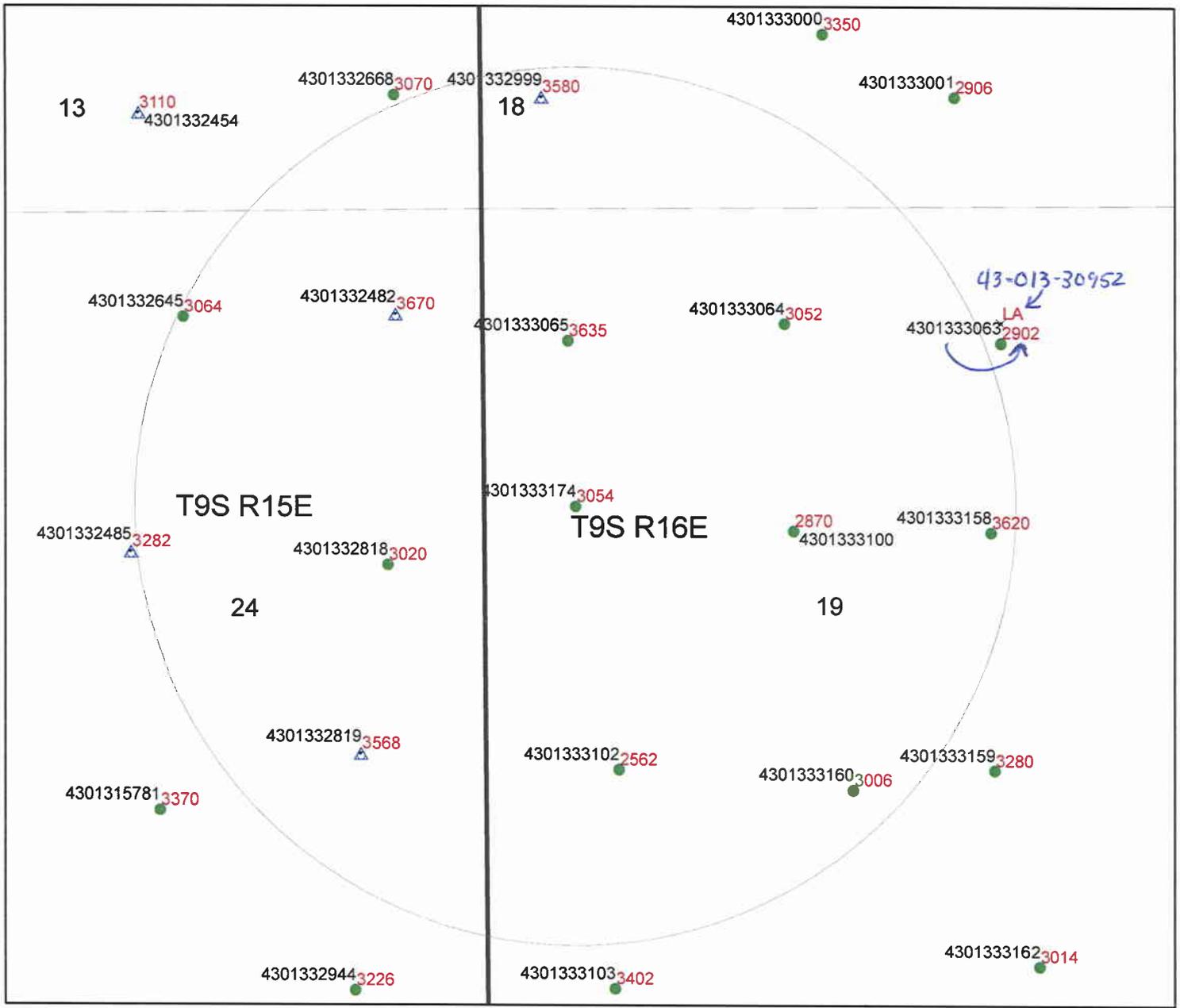
John Rogers
Associate Director

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

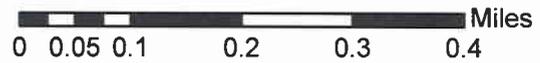




Cement Bond Tops
 FEDERAL 5-19-9-16
 API #43-013-33174
 UIC 392.6

Legend

- | | |
|---|---|
| Buffer_of_SGID93_ENERGY_DNROilGasWells_77 | PGW |
| SGID93_ENERGY_DNROilGasWells | POW |
| SGID93.ENERGY.DNROilGasWells | RET |
| GIS_STAT_TYPE | SGW |
| APD | SOW |
| DRL | TA |
| GIW | TW |
| GSW | WDW |
| LA | MW |
| LOC | WSW |
| OPS | SGID93 BOUNDARIES Counties |
| PA | • SGID93_ENERGY.DNROilGasWells_HDBottom |
| | — SGID93_ENERGY.DNROilGasWells_HDPath |
| | • Wells-CbtopsMaster07_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 5-19-9-16

Location: 19/9S/16E **API:** 43-013-33174

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 313 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,928 feet. A cement bond log demonstrates adequate bond in this well up to about 3,054 feet. A 2 7/8 inch tubing with a packer will be set at 4,720 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 9 producing wells and 4 injection wells (as of May 2012, one on eastern edge) 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 3,911 feet and 5,882 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 5-19-9-16 well is 0.85 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,037 psig. The requested maximum pressure is 2,037 psig. We intend to permit this well at a maximum pressure of 2,000 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 5-19-9-16
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 7/12/2012

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-392

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 12, 13, 15, 17, 19, 20, 21, 22, 23, 24, AND 25, 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:

- Monument Federal 22-12J well located in SE/4 NW/4, Section 12, Township 9 South, Range 16 East
API 43-013-15796
- Federal 5-13-9-16 well located in SW/4 NW/4, Section 13, Township 9 South, Range 16 East
API 43-013-32658
- Federal 13-15-9-16 well located in SW/4 SW/4, Section 15, Township 9 South, Range 16 East
API 43-013-33136
- Federal 7-17-9-16 well located in SW/4 NE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33030
- Federal 1-19-9-16 well located in NE/4 NE/4, Section 19, Township 9 South, Range 16 East
API 43-013-33062
- Federal 5-19-9-16 well located in SW/4 NW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33174
- Federal 1-20-9-16 well located in NE/4 NE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33066
- Federal 3-20-9-16 well located in NE/4 NW/4, Section 20, Township 9 South, Range 16 East
API 43-013-33067
- Federal 5-20-9-16 well located in SW/4 NW/4, Section 20, Township 9 South, Range 16 East
API 43-013-33104
- Federal 9-20-9-16 well located in NE/4 SE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33068
- Federal 9-21-9-16 well located in NE/4 SE/4, Section 21, Township 9 South, Range 16 East
API 43-013-33145
- Monument Federal 31-21-9-16Y well located in NW/4 NE/4, Section 21, Township 9 South, Range 16 East
API 43-013-31726
- Federal 1-22-9-16 well located in NE/4 NE/4, Section 22, Township 9 South, Range 16 East
API 43-013-32612
- Federal 7-22-9-16 well located in SW/4 NE/4, Section 22, Township 9 South, Range 16 East
API 43-013-33027
- Federal 3-23-9-16 well located in NE/4 NW/4, Section 23, Township 9 South, Range 16 East
API 43-013-33176

Federal 11-23-9-16 well located in NE/4 SW/4, Section 23, Township 9 South, Range 16 East
API 43-013-33178
Federal 15-23-9-16 well located in SW/4 SE/4, Section 23, Township 9 South, Range 16 East
API 43-013-33182
Federal 3-24-9-16 well located in NE/4 NW/4, Section 24, Township 9 South, Range 16 East
API 43-013-33084
Federal 15-24-9-16 well located in SW/4 SE/4, Section 24, Township 9 South, Range 16 East
API 43-013-33344
Federal 21-25Y well located in NE/4 NW/4, Section 25, Township 9 South, Range 16 East
API 43-013-31394

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 22nd day of May, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

Newfield Production Company

MONUMENT FEDERAL 22-12J, FEDERAL 5-13-9-16, FEDERAL 13-15-9-16, FEDERAL 7-17-9-16, FEDERAL 1-19-9-16, FEDERAL 5-19-9-16, FEDERAL 1-20-9-16, FEDERAL 3-20-9-16, FEDERAL 5-20-9-16, FEDERAL 9-20-9-16, FEDERAL 9-21-9-16, MONUMENT FEDERAL 31-21-9-16Y, FEDERAL 1-22-9-16, FEDERAL 7-22-9-16, FEDERAL 3-23-9-16, FEDERAL 11-23-9-16, FEDERAL 15-23-9-16, FEDERAL 3-24-9-16, FEDERAL 15-24-9-16, FEDERAL 21-25Y

Cause No. UIC-392

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 S 200 E
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 S 500 E
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

May 22, 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-392

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-392

From: Cindy Kleinfelter <classifieds@ubstandard.com>
To: Jean Sweet <jsweet@utah.gov>
Date: 5/23/2012 3:07 PM
Subject: Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-392

On 5/22/2012 2:09 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

It will be in the May 29 edition.
Thank you.
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

May 22, 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-392

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: 5/22/2012 2:32 PM
Subject: Proof for Notice of Agency Action
Attachments: OrderConf.pdf

AD# 794885
Run SL Trib 5/25/12
Cost \$331.25
Please advise of any changes
Thank You
Ken

Order Confirmation for Ad #0000794885-01

Client	DIV OF OIL-GAS & MINING	Payor Customer	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	[REDACTED]	Payor Account	[REDACTED]
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
EEmail	earlenerussell@utah.gov	Jean	kstowe

Total Amount	\$331.25			
Payment Amt	\$0.00			
Amount Due	\$331.25	<u>Tear Sheets</u>	<u>Proofs</u>	<u>Affidavits</u>
		0	0	1
Payment Method		<u>PO Number</u>	Newfield Prod UIC-392	
Confirmation Notes:				
Text:	Jean			

Ad Type	Ad Size	Color
Legal Liner	3.0 X 87 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):	05/25/2012	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	05/25/2012	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	05/25/2012	

Order Confirmation for Ad #0000794885-01

Ad Content Proof Actual Size

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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-392

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 12, 13, 15, 17, 19, 20, 21, 22, 23, 24, AND 25, 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:

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API 43-013-33136

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API 43-013-33030

Federal 1-19-9-16 well located in NE/4 NE/4, Section 19, Township 9 South, Range 16 East

API 43-013-33062

Federal 5-19-9-16 well located in SW/4 NW/4, Section 19, Township 9 South, Range 16 East

API 43-013-33174

Federal 1-20-9-16 well located in NE/4 NE/4, Section 20, Township 9 South, Range 16 East

API 43-013-33066

Federal 3-20-9-16 well located in NE/4 NW/4, Section 20, Township 9 South, Range 16 East

API 43-013-33067

Federal 5-20-9-16 well located in SW/4 NW/4, Section 20, Township 9 South, Range 16 East

API 43-013-33104

Federal 9-20-9-16 well located in NE/4 SE/4, Section 20, Township 9 South, Range 16 East

API 43-013-33068

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

API 43-013-33145

Monument Federal 31-21-9-16Y well located in NW/4 NE/4, Section 21, Township 9 South, Range 16 East

API 43-013-31726

Federal 1-22-9-16 well located in NE/4 NE/4, Section 22, Township 9 South, Range 16 East

API 43-013-32612

Federal 7-22-9-16 well located in SW/4 NE/4, Section 22, Township 9 South, Range 16 East

API 43-013-33027

Federal 3-23-9-16 well located in NE/4 NW/4, Section 23, Township 9 South, Range 16 East

API 43-013-33176

Federal 11-23-9-16 well located in NE/4 SW/4, Section 23, Township 9 South, Range 16 East

API 43-013-33178

Federal 15-23-9-16 well located in SW/4 SE/4, Section 23, Township 9 South, Range 16 East

API 43-013-33182

Federal 3-24-9-16 well located in NE/4 NW/4, Section 24, Township 9 South, Range 16 East

API 43-013-33084

Federal 15-24-9-16 well located in SW/4 SE/4, Section 24, Township 9 South, Range 16 East

API 43-013-33344

Federal 21-25Y well located in NE/4 NW/4, Section 25, Township 9 South, Range 16 East

API 43-013-31394

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 22nd day of May, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ Brad Hill
Permitting Manager
794885

UPAXLP

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 5-19-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013331740000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1785 FNL 0544 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW 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: 9/5/2012	<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 08/31/2012. New intervals perforated, CP4 sands - 5664-5667' 3 JSPF, D1 sands - 4627-4629' 3 JSPF, & D1 sands - 4623-4624' 3 JSPF. On 09/04/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/05/2012 the casing was pressured up to 1500 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 550 psig during the test. There was not a State representative available to witness the test.

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

Date: September 13, 2012
 By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/6/2012	

Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: _____ Date 9/5/12 Time 9:00 am pm
Test Conducted by: Michael Jensen
Others Present: _____

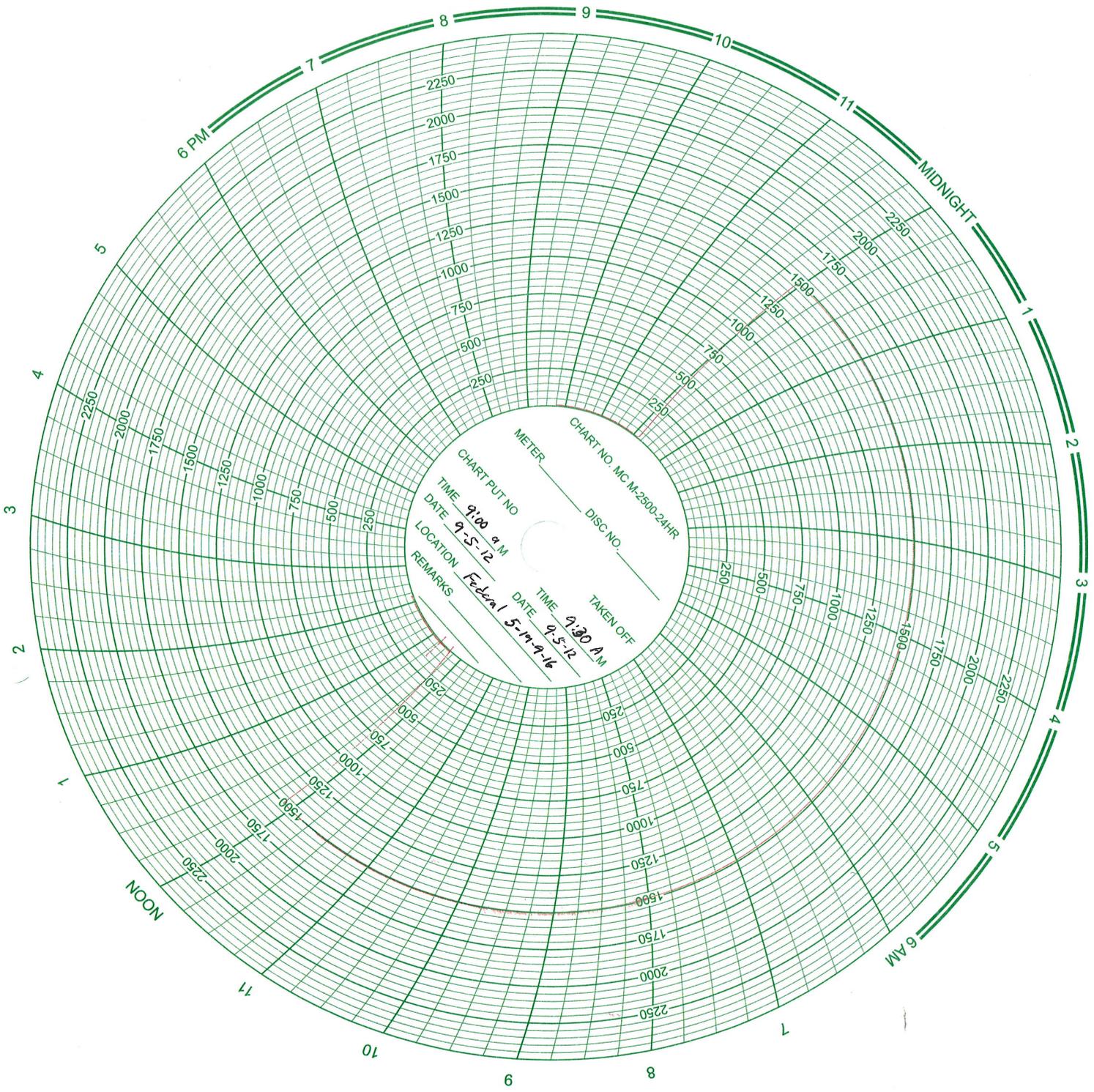
Well: <u>5-19-9-16</u>	Field: <u>Greater Monument Butte</u>
Well Location: <u>Federal 5-19-9-16</u>	API No: <u>4301333174</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1500</u>	psig
5	<u>1500</u>	psig
10	<u>1500</u>	psig
15	<u>1500</u>	psig
20	<u>1500</u>	psig
25	<u>1500</u>	psig
30 min	<u>1500</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 550 psig

Result: Pass Fail

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



Daily Activity Report**Format For Sundry****FEDERAL 5-19-9-16****6/1/2012 To 10/30/2012****8/28/2012 Day: 1****Conversion**

WWS #7 on 8/28/2012 - MIRUSU WWS #7. LD rod string. TOO H breaking & doping collars. - MIRUSU WWS #7. Hot oiler had pumped 60 bw down csg @ 250°. RD pumping unit. Un-seat rod pump. Flush tbg & rods w/ 35 bw @ 250°. Soft seat pump. Fill & test tbg to 3000 psi w/ 3 bw. Good test. LD polished rod, 2 - 2', 1 - 4', & 2 - 8' pony subs. TOO H LD rod string. Get out of hole w/ 98 - 3/4" guided rods (4 per), 87 - 3/4" slick rods, 20 - 3/4" guided rods (4 per), & 6 - 1 1/2" wt bars. LD rod pump (flushed tbg & rods w/ 30 bw on TOO H). X-over to tbg equipment. ND well head. Release TAC. NU BOP. RU work floor. TOO H tallying, breaking collars, & applying Liquid O-Ring to threads. Get out of hole w/ 148 jts tbg (flushed w/ 30 bw on TOO H). SDFN - Crew travel. - Crew travel. - Crew travel & pre-job safety meeting. - MIRUSU WWS #7. Hot oiler had pumped 60 bw down csg @ 250°. RD pumping unit. Un-seat rod pump. Flush tbg & rods w/ 35 bw @ 250°. Soft seat pump. Fill & test tbg to 3000 psi w/ 3 bw. Good test. LD polished rod, 2 - 2', 1 - 4', & 2 - 8' pony subs. TOO H LD rod string. Get out of hole w/ 98 - 3/4" guided rods (4 per), 87 - 3/4" slick rods, 20 - 3/4" guided rods (4 per), & 6 - 1 1/2" wt bars. LD rod pump (flushed tbg & rods w/ 30 bw on TOO H). X-over to tbg equipment. ND well head. Release TAC. NU BOP. RU work floor. TOO H tallying, breaking collars, & applying Liquid O-Ring to threads. Get out of hole w/ 148 jts tbg (flushed w/ 30 bw on TOO H). SDFN - Crew travel & pre-job safety meeting. - MIRUSU WWS #7. Hot oiler had pumped 60 bw down csg @ 250°. RD pumping unit. Un-seat rod pump. Flush tbg & rods w/ 35 bw @ 250°. Soft seat pump. Fill & test tbg to 3000 psi w/ 3 bw. Good test. LD polished rod, 2 - 2', 1 - 4', & 2 - 8' pony subs. TOO H LD rod string. Get out of hole w/ 98 - 3/4" guided rods (4 per), 87 - 3/4" slick rods, 20 - 3/4" guided rods (4 per), & 6 - 1 1/2" wt bars. LD rod pump (flushed tbg & rods w/ 30 bw on TOO H). X-over to tbg equipment. ND well head. Release TAC. NU BOP. RU work floor. TOO H tallying, breaking collars, & applying Liquid O-Ring to threads. Get out of hole w/ 148 jts tbg (flushed w/ 30 bw on TOO H). SDFN - Crew travel. - Crew travel & pre-job safety meeting.

Daily Cost: \$0**Cumulative Cost:** \$9,409**8/29/2012 Day: 2****Conversion**

WWS #7 on 8/29/2012 - LD excess tbg. Perforate CP4 sds & D1 sds. PU RBP & PKR assembly. PU N-80 workstring. - Crew travel & pre-job safety meeting. Flush tbg w/ 30 bw @ 250°. - LD 24 jts tbg, TAC, 1 jt, PSN, BN, 2 jts, & NC. ND Washinton head. RU Extreme wlt. RIH w/ wireline perf guns. Perforate CP4 sds @ (5664'-67') & D1 sds @ (4627'-29') & (4623'-24') w/ 3 spf @ 120° phsing for a total of 18 shots. POOH w/ wireline. RD wlt. Spot tbg float, prep 7 tally tbg. MU Weatherford 5 1/2" TSRBP, HDTs PKR, & PSN. TIH PU tbg. Get in hole w/183 jts tbg. TOO H w/ 20 jts tbg. Break down perfs in AM. SDFN - Crew travel. - Crew travel & pre-job safety meeting. Flush tbg w/ 30 bw @ 250°. - LD 24 jts tbg, TAC, 1 jt, PSN, BN, 2 jts, & NC. ND Washinton head. RU Extreme wlt. RIH w/ wireline perf guns. Perforate CP4 sds @ (5664'-67') & D1 sds @ (4627'-29') & (4623'-24') w/ 3 spf @ 120° phsing for a total of 18 shots. POOH w/ wireline. RD wlt. Spot tbg float, prep 7 tally tbg. MU Weatherford 5 1/2" TSRBP, HDTs PKR, & PSN. TIH PU tbg. Get in hole w/183 jts tbg. TOO H w/ 20 jts tbg. Break down perfs in AM. SDFN - Crew travel. - Crew travel & pre-job safety meeting. Flush tbg w/ 30 bw @ 250°. - Crew travel. - LD 24 jts tbg, TAC, 1 jt, PSN, BN, 2 jts, & NC. ND Washinton head. RU Extreme wlt. RIH w/ wireline perf guns. Perforate CP4 sds @ (5664'-67') & D1 sds @ (4627'-29') & (4623'-24') w/ 3 spf @ 120° phsing for a total of 18 shots. POOH w/ wireline. RD wlt. Spot tbg float, prep 7 tally tbg. MU Weatherford 5 1/2" TSRBP, HDTs PKR, & PSN. TIH

PU tbg. Get in hole w/183 jts tbg. TOOH w/ 20 jts tbg. Break down perfs in AM. SDFN

Daily Cost: \$0

Cumulative Cost: \$17,896

8/30/2012 Day: 4

Conversion

WWS #7 on 8/30/2012 - Frac & flow back CP4 sds & D1 sds. Release tools. TOOH to place EOT above perfs. - Crew travel - Crew travel - RU flow back equipment. Open well for flow back @ approx 3 bpm. Flow back for 10 min. Well died. Release PKR. TIH w/ tbg. Latch onto & release RBP. TOOH w/ 4 jts tbg to get above perfs. SDFN - RU flow back equipment. Open well for flow back @ approx 3 bpm. Flow back for 10 min. Well died. Release PKR. TIH w/ tbg. Latch onto & release RBP. TOOH w/ 4 jts tbg to get above perfs. SDFN - Open well. 240 psi. Break down D1 sds @ 6430 psi w/ .8 bw @ 1.1 bpm. Frac D1 sds w/ 16342# 20/40 sand w/ 236 bbls Lightning 17 gelled fluid. ISDP 2122 psi. FG .89. 5 min 1595 psi. 10 min 1505 psi. 15 min 1406 psi. Max treating pressure 5345 psi. Avg treating pressure 4866 psi. Max treating rate 20.2 bpm. Avg treating rate 18.9 bpm. RDMO frac equipment. - Open well. 240 psi. Break down D1 sds @ 6430 psi w/ .8 bw @ 1.1 bpm. Frac D1 sds w/ 16342# 20/40 sand w/ 236 bbls Lightning 17 gelled fluid. ISDP 2122 psi. FG .89. 5 min 1595 psi. 10 min 1505 psi. 15 min 1406 psi. Max treating pressure 5345 psi. Avg treating pressure 4866 psi. Max treating rate 20.2 bpm. Avg treating rate 18.9 bpm. RDMO frac equipment. - Hold pre-stg safety meeting & pressure test frac equipment. - Hold pre-stg safety meeting & pressure test frac equipment. - Release PKR. TIH w/ tbg. Latch onto & release RBP. TOOH w/ tbg. Set RBP @ 4665' & PKR @ 4599'. - Release PKR. TIH w/ tbg. Latch onto & release RBP. TOOH w/ tbg. Set RBP @ 4665' & PKR @ 4599'. - RD frac equipment. RU flow back equipment. Flow back for 2 hrs 15 min to recover 203 bbls. - RD frac equipment. RU flow back equipment. Flow back for 2 hrs 15 min to recover 203 bbls. - Open well. 450 psi. Could not get break @ 7200 psi. Open by-pass on PKR. Spot 4 bbls acid to EOT. Close by-pass. Re-attempt to get break w/ out success. Release PKR. PU 1 jt tbg. Spot 4 bbls acid to EOT. LD 1 jt tbg. Re-set PKR. Re-attempt to get break. Break down CP4 sds @ 5909 psi w/ 1 bw @ 1.7 bpm. Frac w/ 18147# 20/40 sand w/ 229 bbls Lightning 17 fluid. ISDP 2088 psi. FG .80. 5 min 1890 psi. 10 min 1824 psi. 15 min 1787 psi. Max treating pressure 6364 psi. Avg treating pressure 6214 psi. Max treating rate 21.2 bpm. AVG treating rate 17.8 bpm. - Open well. 450 psi. Could not get break @ 7200 psi. Open by-pass on PKR. Spot 4 bbls acid to EOT. Close by-pass. Re-attempt to get break w/ out success. Release PKR. PU 1 jt tbg. Spot 4 bbls acid to EOT. LD 1 jt tbg. Re-set PKR. Re-attempt to get break. Break down CP4 sds @ 5909 psi w/ 1 bw @ 1.7 bpm. Frac w/ 18147# 20/40 sand w/ 229 bbls Lightning 17 fluid. ISDP 2088 psi. FG .80. 5 min 1890 psi. 10 min 1824 psi. 15 min 1787 psi. Max treating pressure 6364 psi. Avg treating pressure 6214 psi. Max treating rate 21.2 bpm. AVG treating rate 17.8 bpm. - Hold BH pre-job safety meeting. Pressure test frac equipment. - Hold BH pre-job safety meeting. Pressure test frac equipment. - Wait on Baker Hughes to RU frac equipment. - Wait on Baker Hughes to RU frac equipment. - Set PKR. - Set PKR. - Crew travel & pre-job safety meeting. - Crew travel & pre-job safety meeting. - Crew travel. - Crew travel. - Set RBP @ 4665'. Set PKR @ 4567'. Fill csg w/ 30 bw. Fill tbg w/ 10 bw. Attempt to break down D1 sds. Could not get break. Release tools. TIH w/ tbg & set RBP @ 5700'. Set PKR @ 5635'. Attempt to break down CP4 sds. Could not get break. Release PKR. RU frac valve. - Set RBP @ 4665'. Set PKR @ 4567'. Fill csg w/ 30 bw. Fill tbg w/ 10 bw. Attempt to break down D1 sds. Could not get break. Release tools. TIH w/ tbg & set RBP @ 5700'. Set PKR @ 5635'. Attempt to break down CP4 sds. Could not get break. Release PKR. RU frac valve. - Crew travel & pre-job safety meeting. - Crew travel & pre-job safety meeting. - Crew travel - Crew travel - RU flow back equipment. Open well for flow back @ approx 3 bpm. Flow back for 10 min. Well died. Release PKR. TIH w/ tbg. Latch onto & release RBP. TOOH w/ 4 jts tbg to get above perfs. SDFN - RU flow back equipment. Open well for flow back @ approx 3 bpm. Flow back for 10 min. Well died. Release PKR. TIH w/ tbg. Latch onto & release RBP. TOOH w/ 4 jts tbg to get above perfs. SDFN - Open well. 240 psi. Break down D1 sds @ 6430 psi w/ .8 bw @ 1.1 bpm. Frac D1 sds w/ 16342# 20/40 sand w/ 236 bbls Lightning 17 gelled fluid. ISDP 2122 psi. FG .89. 5 min

1595 psi. 10 min 1505 psi. 15 min 1406 psi. Max treating pressure 5345 psi. Avg treating pressure 4866 psi. Max treating rate 20.2 bpm. Avg treating rate 18.9 bpm. RDMO frac equipment. - Open well. 240 psi. Break down D1 sds @ 6430 psi w/ .8 bw @ 1.1 bpm. Frac D1 sds w/ 16342# 20/40 sand w/ 236 bbls Lighting 17 gelled fluid. ISDP 2122 psi. FG .89. 5 min 1595 psi. 10 min 1505 psi. 15 min 1406 psi. Max treating pressure 5345 psi. Avg treating pressure 4866 psi. Max treating rate 20.2 bpm. Avg treating rate 18.9 bpm. RDMO frac equipment. - Hold pre-stg safety meeting & pressure test frac equipment. - Hold pre-stg safety meeting & pressure test frac equipment. - Release PKR. TIH w/ tbg. Latch onto & release RBP. TOOH w/ tbg. Set RBP @ 4665' & PKR @ 4599'. - Release PKR. TIH w/ tbg. Latch onto & release RBP. TOOH w/ tbg. Set RBP @ 4665' & PKR @ 4599'. - RD frac equipment. RU flow back equipment. Flow back for 2 hrs 15 min to recover 203 bbls. - RD frac equipment. RU flow back equipment. 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psi w/ 1 bw @ 1.7 bpm. Frac w/ 18147# 20/40 sand w/ 229 bbls Lightning 17 fluid. ISDP 2088 psi. FG .80. 5 min 1890 psi. 10 min 1824 psi. 15 min 1787 psi. Max treating pressure 6364 psi. Avg treating pressure 6214 psi. Max treating rate 21.2 bpm. AVG treating rate 17.8 bpm. - Open well. 450 psi. Could not get break @ 7200 psi. Open by-pass on PKR. PU 1 jt tbg. Spot 4 bbls acid to EOT. Close by-pass. Re-attempt to get break w/ out success. Release PKR. PU 1 jt tbg. Spot 4 bbls acid to EOT. LD 1 jt tbg. Re-set PKR. Re-attempt to get break. Break down CP4 sds @ 5909 psi w/ 1 bw @ 1.7 bpm. Frac w/ 18147# 20/40 sand w/ 229 bbls Lightning 17 fluid. ISDP 2088 psi. FG .80. 5 min 1890 psi. 10 min 1824 psi. 15 min 1787 psi. Max treating pressure 6364 psi. Avg treating pressure 6214 psi. Max treating rate 21.2 bpm. AVG treating rate 17.8 bpm. - Hold BH pre-job safety meeting. Pressure test frac equipment. - Hold BH pre-job safety meeting. Pressure test frac equipment. - Wait on Baker Hughes to RU frac equipment. - Wait on Baker Hughes to RU frac equipment. - Set PKR. - Set PKR. - Crew travel & pre-job safety meeting. - Crew travel & pre-job safety meeting. - Crew travel. - Crew travel. - Set RBP @ 4665'. Set PKR @ 4567'. Fill csg w/ 30 bw. Fill tbg w/ 10 bw. Attempt to break down D1 sds. Could not get break. Release tools. TIH w/ tbg & set RBP @ 5700'. Set PKR @ 5635'. Attempt to break down CP4 sds. Could not get break. Release PKR. RU frac valve. - Set RBP @ 4665'. Set PKR @ 4567'. Fill csg w/ 30 bw. Fill tbg w/ 10 bw. Attempt to break down D1 sds. Could not get break. Release tools. TIH w/ tbg & set RBP @ 5700'. Set PKR @ 5635'. Attempt to break down CP4 sds. Could not get break. Release PKR. RU frac valve. - Crewq travel & pre-job safety meeting. - Crewq travel & pre-job safety meeting. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$85,378

9/4/2012 Day: 5**Conversion**

WWS #7 on 9/4/2012 - LD N-80 workstring. TIH w/ injection string. Pressure test tbg & csg. RDMOSU WWS #7 - Retrieve SV. RD work floor. ND BOP. Install 8' tbg sub. MU wellhead bonnet. Land tbg. Circulate well bore w/ PKR fluid. Set PKR. Remove sub. Land tbg w/ 16000# tension. NU wellhead. Pressure test CSG to 1400 psi. Watch for 40 min. Good test. MU injection tree. RDMOSU WWS #7. READY FOR MIT!! - Open well. CSG on vacuum. TBG same. TOOHD LD N-80 tbg. Get out of hole w/ tbg. LD RBP & PKR assembly. - MU wireline re- entry guide, 2 3/8" XN nipple w/ 1.875 profile, 2 3/8" x 4' pup joint, 2 3/8" x 2 7/8" X-over, & Weatherford 5 1/2" AS-1X PKR. TIH w/ injection string @ follows. 4 1/2" OD retrieving head, PSN, & 147 jts 2 7/8" J-55 tbg. - Crew travel & pre-job safety meeting. - Drop SV & circulate to btm w/ rig pump. Pressure test tbg to 3000 psi. Good test. - MU wireline re- entry guide, 2 3/8" XN nipple w/ 1.875 profile, 2 3/8" x 4' pup joint, 2 3/8" x 2 7/8" X-over, & Weatherford 5 1/2" AS-1X PKR. TIH w/ injection string @ follows. 4 1/2" OD retrieving head, PSN, & 147 jts 2 7/8" J-55 tbg. - Open well. CSG on vacuum. TBG same. TOOHD LD N-80 tbg. Get out of hole w/ tbg. LD RBP & PKR assembly. - Crew travel & pre-job safety meeting. - Retrieve SV. RD work floor. ND BOP. Install 8' tbg sub. MU wellhead bonnet. Land tbg. Circulate well bore w/ PKR fluid. Set PKR. Remove sub. Land tbg w/ 16000# tension. NU wellhead. Pressure test CSG to 1400 psi. Watch for 40 min. Good test. MU injection tree. RDMOSU WWS #7. READY FOR MIT!! - Drop SV & circulate to btm w/ rig pump. Pressure test tbg to 3000 psi. Good test. - MU wireline re- entry guide, 2 3/8" XN nipple w/ 1.875 profile, 2 3/8" x 4' pup joint, 2 3/8" x 2 7/8" X-over, & Weatherford 5 1/2" AS-1X PKR. TIH w/ injection string @ follows. 4 1/2" OD retrieving head, PSN, & 147 jts 2 7/8" J-55 tbg. - Open well. CSG on vacuum. TBG same. TOOHD LD N-80 tbg. Get out of hole w/ tbg. LD RBP & PKR assembly. - Crew travel & pre-job safety meeting. - Retrieve SV. RD work floor. ND BOP. Install 8' tbg sub. MU wellhead bonnet. Land tbg. Circulate well bore w/ PKR fluid. Set PKR. Remove sub. Land tbg w/ 16000# tension. NU wellhead. Pressure test CSG to 1400 psi. Watch for 40 min. Good test. MU injection tree. RDMOSU WWS #7. READY FOR MIT!! - Drop SV & circulate to btm w/ rig pump. Pressure test tbg to 3000 psi. Good test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$124,601

9/6/2012 Day: 6

Conversion

Rigless on 9/6/2012 - Conduct initial MIT - On 09/04/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/05/2012 the casing was pressured up to 1500 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 550 psig during the test. There was not a State representative available to witness the test. - On 09/04/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/05/2012 the casing was pressured up to 1500 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 550 psig during the test. There was not a State representative available to witness the test. - On 09/04/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/05/2012 the casing was pressured up to 1500 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 550 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$212,871

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 5-19-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013331740000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1785 FNL 0544 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW 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: 9/26/2012	<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 type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The above reference well was put on injection at 2:00 PM on 09/26/2012.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
October 02, 2012**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/27/2012	

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

FEDERAL 5-19-9-16

Injection Wellbore Diagram

SURFACE CASING

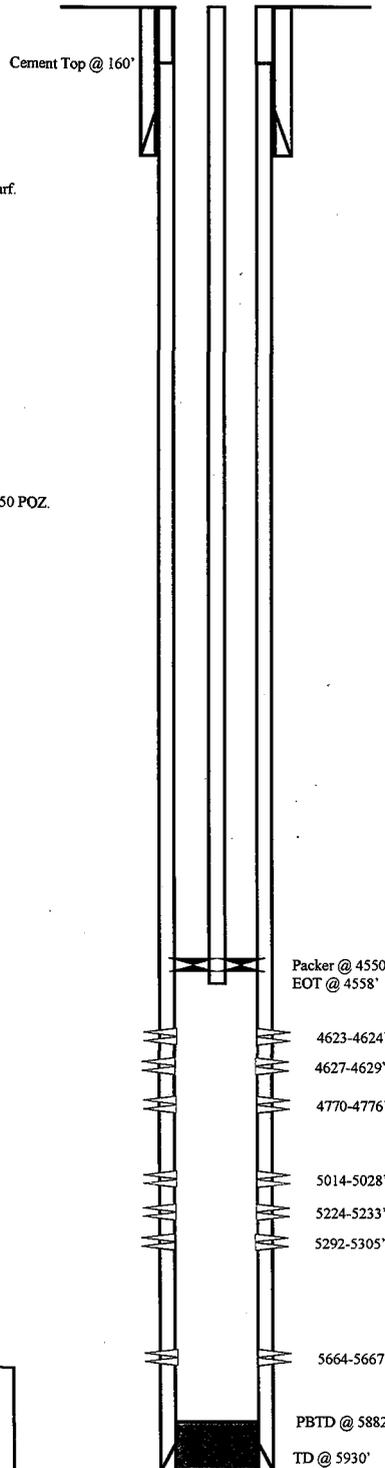
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (301.00')
 DEPTH LANDED: 312.85' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

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: 147 jts (4532.2')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4544.2' KB
 RETRIEVING HEAD 4-1/2" N-80 AT: 4545.3'
 PACKER CE AT: 4550.4' w/ 1.875 profile X-nipple
 TBG PUP 2-3/8" J-55 AT: 4554.1'
 TOTAL STRING LENGTH: EOT @ 4558' KB



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.
08/30/12	5664-5667'	Frac CP4 sands as follows: 18147# 20/40 sand in 229 bbls Lightning 17 frac fluid.
08/30/12	4623-4629'	Frac D1 sands as follows: 16342# 20/40 sand in 236 bbls Lightning 17 frac fluid.
08/31/12		Convert to Injection Well
09/05/12		Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

10/01/07	5292-5305'	4 JSPP	52 holes
10/02/07	5224-5233'	4 JSPP	36 holes
10/02/07	5014-5028'	4 JSPP	56 holes
10/04/07	4770-4776'	4 JSPP	24 holes
08/28/12	5664-5667'	3 JSPP	9 holes
08/28/12	4627-4629'	3 JSPP	6 holes
08/28/12	4623-4624'	3 JSPP	3 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



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

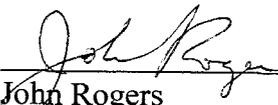
Cause No. UIC-392

Operator: Newfield Production Company
Well: Federal 5-19-9-16
Location: Section 19, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-33174
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on July 19, 2012.
2. Maximum Allowable Injection Pressure: 2,000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,911' – 5,882')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by: _____


John Rogers
Associate Director

9/18/2012

Date

JR/MLR/ear

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\Greater Monument Butte Unit

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



1770 S. 5600 W.
 P.O. BOX 704005
 WEST VALLEY CITY, UTAH 84170
 FED. TAX I.D.# 87-0217663

The Salt Lake Tribune

MEDIAONE

Deseret News

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	5/25/2012

RECEIVED
 JUN 04 2012
 DIV OF OIL GAS & MINING

BEFORE THE DIVISION OF OIL, GAS AND MINING
 DEPARTMENT OF NATURAL RESOURCES
 STATE OF UTAH
 NOTICE OF AGENCY ACTION
 CAUSE NO. UIC-392

43 813 33174
 Federal 5-19-9-16
 95 116E 19

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER#
8015385340	0000794885
SCHEDULE	
Start 05/25/2012	End 05/25/2012
CUST. REF. NO.	
Newfield Prod UIC-392	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT	
SIZE	
87 Lines	3.00
TIMES	
3	
MISC. CHARGES	
	AD
	TC

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 12, 13, 15, 17, 19, 20, 21, 22, 23, 24, AND 25, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESSNE 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:
 Monument Federal 22-12J well located in SE/4 NW/4, Section 12, Township 9 South, Range 16 East
 API 43-013-15796
 Federal 5-13-9-16 well located in SW/4 NW/4, Section 13, Township 9 South, Range 16 East
 API 43-013-32658
 Federal 13-15-9-16 well located in SW/4 SW/4, Section 15, Township 9 South, Range 16 East
 API 43-013-33136
 Federal 7-17-9-16 well located in SW/4 NE/4, Section 17, Township 9 South, Range 16 East
 API 43-013-33030
 Federal 1-19-9-16 well located in NE/4 NE/4, Section 19, Township 9 South, Range 16 East
 API 43-013-33062
 Federal 5-19-9-16 well located in SW/4 NW/4, Section 19, Township 9 South, Range 16 East
 API 43-013-33174
 Federal 1-20-9-16 well located in NE/4 NE/4, Section 20, Township 9 South, Range 16 East
 API 43-013-33066
 Federal 3-20-9-16 well located in NE/4 NW/4, Section 20, Township 9 South, Range 16 East
 API 43-013-33067
 Federal 5-20-9-16 well located in SW/4 NW/4, Section 20, Township 9 South, Range 16 East
 API 43-013-33104
 Federal 9-20-9-16 well located in NE/4 SE/4, Section 20, Township 9 South, Range 16 East
 API 43-013-33068
 Federal 9-21-9-16 well located in NE/4 SE/4, Section 21, Township 9 South, Range 16 East
 API 43-013-33145
 Monument Federal 31-21-9-16Y well located in NW/4 NE/4, Section 21, Township 9 South, Range 16 East
 API 43-013-31726
 Federal 1-22-9-16 well located in NE/4 NE/4, Section 22, Township 9 South, Range 16 East
 API 43-013-32612
 Federal 7-22-9-16 well located in SW/4 NE/4, Section 22, Township 9 South, Range 16 East
 API 43-013-33027
 Federal 3-23-9-16 well located in NE/4 NW/4, Section 23, Township 9 South, Range 16 East
 API 43-013-33176
 Federal 11-23-9-16 well located in NE/4 SW/4, Section 23, Township 9 South, Range 16 East
 API 43-013-33178
 Federal 15-23-9-16 well located in SW/4 SE/4, Section 23, Township 9 South, Range 16 East
 API 43-013-33182
 Federal 3-24-9-16 well located in NE/4 NW/4, Section 24, Township 9 South, Range 16 East
 API 43-013-33084
 Federal 15-24-9-16 well located in SW/4 SE/4, Section 24, Township 9 South, Range 16 East
 API 43-013-33344
 Federal 21-25Y well located in NE/4 NW/4, Section 25, Township 9 South, Range 16 East
 API 43-013-31394

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I C
 BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES
 CAUSE NO. UIC-392 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING
 COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET
 ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY,
 NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON
 UTAHLEGALS.COM INDEFINITELY.

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 to the publication of this notice. The Division's Presiding Officer for the proceeding is Bro 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 rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how the matter affects their interests.
 Dated this 22nd day of May, 2012.
 STATE OF UTAH
 DIVISION OF OIL, GAS & MINING
 /s/Brad Hill
 Permitting Manager
 794885

Start 05/25/2012 End 05/25/2012

PUBLISHED ON

SIGNATURE

[Handwritten Signature]

5/25/2012

VIRGINIA CRAFT
 Notary Public, State of Utah
 Commission # 581469
 My Commission Expires
 January 12, 2014

[Handwritten Signature: Virginia Craft]

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

Send Payments to:
 Uintah Basin Standard
 268 S 200 E
 Roosevelt, Utah 84066

Phone: 435-722-5131
 Fax: 435-722-4140



Invoice Number	30968	Invoice Date	5/30/2012
Advertiser No.	2080	Invoice Amount	\$191.45
		Due Date	6/29/2012

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

RECEIVED
 MAY 05 2012
 DIV OF OIL GAS & MINING

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

Amount Enclosed

Please detach top portion and return with your payment.

INVOICE

Uintah Basin Standard

DIVISION OF OIL GAS & MINING

Invoice No. 30968 5/30/2012

Date	Order	Description	Ad Size	SubTotal	Sales Tax	Amount
5/30/2012	15615 UBS	UBS Legal Notice: Not of Agcy Actn: Newfield Cause No. UIC-392 Pub. May 29, 2012				\$191.45
				Sub Total:		\$191.45
Total Transactions: 1				Total:		\$191.45

SUMMARY Advertiser No. 2080 Invoice No. 30968

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!

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:
		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: FEDERAL 5-19-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013331740000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1785 FNL 0544 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW 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 checked="" type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/26/2015	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. An acid clean out was performed on the above mentioned well. See Attached Daily Activity Summary Report dated 8/26/15.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 30, 2015		
NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 9/30/2015	

NEWFIELD



**Daily Activity Summary
Federal 5-19-9-16**

Well Details							
API/UWI 43013331740000	Well RC 500159196	Surface Legal Location 19-9S-16E		County Duchesne	State/Province Utah	Division Rocky Mountains	Field Office Myton
Total Depth (All) (ftKB) Original Hole - 5,925.0	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,882.0	Spud Date	Final Rig Release Date	Initial Completion - Start Date	Initial Completion - End Date	On Production Date 10/8/2007
Job Category Production / Workover		Primary Job Type Clean-out		Secondary Job Type N/A		Job Status Completed	
AFE Number 45613	Total AFE Amount (Cost)	Total Field Estimate (Cost) 14,639.02	Total Final Invoice (Cost) 91,293.57	Job Start Date 8/26/2015	Job End Date 8/26/2015		
Contractor			Rig Number	Rig Type			
Daily Operation: 8/26/2015							
Report Number 1	Report Start Date 8/26/2015 00:00	Report End Date 8/26/2015 00:00	Time Log Total Hours (hr)	Daily Field Est Total (Cost) 14,639	Cum Field Est To Date (Cost) 14,639		
24hr Activity Summary Acid Clean Out							

Time Log				
Start Time	Duration (hr)	End Time	Activity Description	Comment