

NEWFIELD



January 23, 2006

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

RE: Applications for Permit to Drill: 1-17-9-16, 2-17-9-16, 7-17-9-16, 8-17-9-16,
9-17-9-16, 10-17-9-16, 11-17-9-16, 12-17-9-16, 13-17-9-16, and 15-17-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

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

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED

JAN 24 2006

DIV. OF OIL, GAS & MINING

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-52018
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 13-17-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SW/SW 746' FSL 842' FWL 5726264 40.023745 At proposed prod. zone 44307524 -110,148883		9. API Well No. 43-013-33036
14. Distance in miles and direction from nearest town or post office* Approximatley 15.4 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. 842' f/lse, NA' f/unit	16. No. of Acres in lease 640.00	11. Sec., T., R., M., or Blk. and Survey or Area SW/SW Sec. 17, T9S R16E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1347'	19. Proposed Depth 6015'	12. County or Parish Duchesne
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6049' GL	22. Approximate date work will start* 1st Quarter 2006	13. State UT
20. BLM/BIA Bond No. on file UTB000192		
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 1/23/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 01-26-06
Title ENVIRONMENTAL SCIENTIST III		

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

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

*(Instructions on reverse)

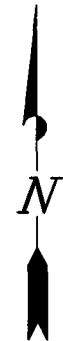
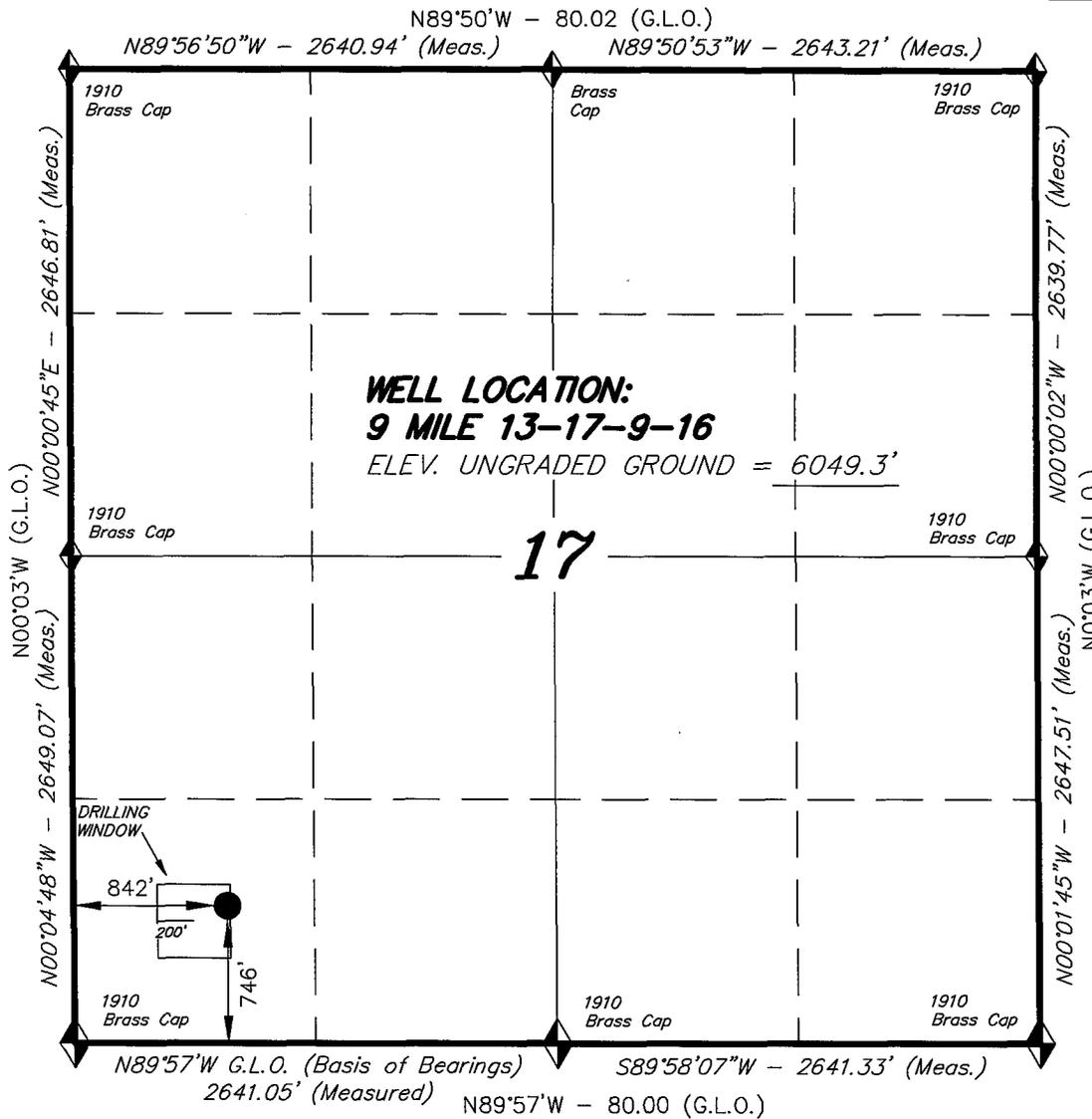
RECEIVED
JAN 24 2006

Federal Approval of this
Action Is Necessary

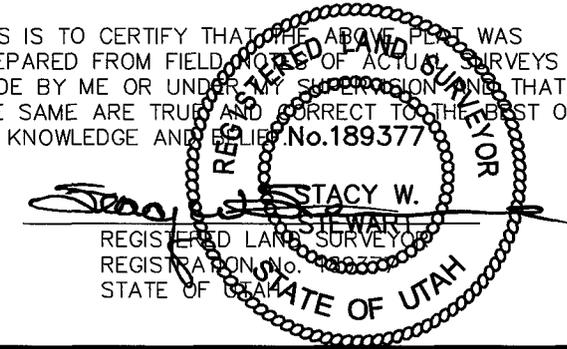
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 13-17-9-16,
 LOCATED AS SHOWN IN THE SW 1/4 SW
 1/4 OF SECTION 17, 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 13-17-9-16
(Surface Location) NAD 83
 LATITUDE = 40° 01' 32.43"
 LONGITUDE = 110° 08' 58.81"

TRI STATE LAND SURVEYING & CONSULTING	
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
DATE SURVEYED: 12-01-05	SURVEYED BY: K.G.S.
DATE DRAWN: 12-7-05	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
FEDERAL #13-17-9-16
SW/SW SECTION 17, 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' - 2575'
Green River	2575'
Wasatch	6015'

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

Green River Formation 2575' - 6015' - Oil

4. PROPOSED CASING PROGRAM

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

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

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

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY
FEDERAL #13-17-9-16
SW/SW SECTION 17, 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 #13-17-9-16 located in the SW 1/4 SW 1/4 Section 17, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 10.9 miles \pm to its junction with an existing road to the southeast; proceed southeasterly - 1.3 miles \pm to its junction with the beginning of the proposed access road; proceed northeasterly along the proposed access road - 720' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

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

For the Federal #13-17-9-16 Newfield Production Company requests 720' of disturbed area be granted in Lease UTU-52018 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 720' of disturbed area be granted in Lease UTU-52018 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 720' of disturbed area be granted in Lease UTU-52018 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

Burrowing Owl: Due to the proximity of the location to active prairie dog towns, there is the potential to encounter nesting burrowing owls between April 1 and August 15. If new construction or surface disturbing activities are scheduled between April 1 and August 15, pre-construction surveys will be conducted to detect the presence of nesting burrowing owls within 0.5 mile of any new construction or surface disturbing activity (see Vernal BLM Field Office

Protocol). No new construction or surface disturbing activities will be allowed between April 1 and August 15 within a 0.5 mile radius of any active burrowing owl nest.

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

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

Reserve Pit Liner

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

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

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

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

Details of the On-Site Inspection

The proposed Federal #13-17-9-16 was on-sited on 11/3/05. The following were present; Shon Mckinnon (Newfeild Production), Melissa Hawk (Bureau of Land Management), and Amy Torres (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

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

Representative

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

Certification

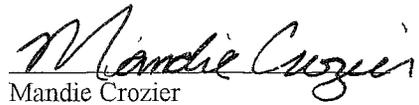
Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #13-17-9-16 SW/SW Section 17, Township 9S, Range 16E: Lease UTU-52018 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are

true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

1/23/06

Date



Mandie Crozier

Regulatory Specialist

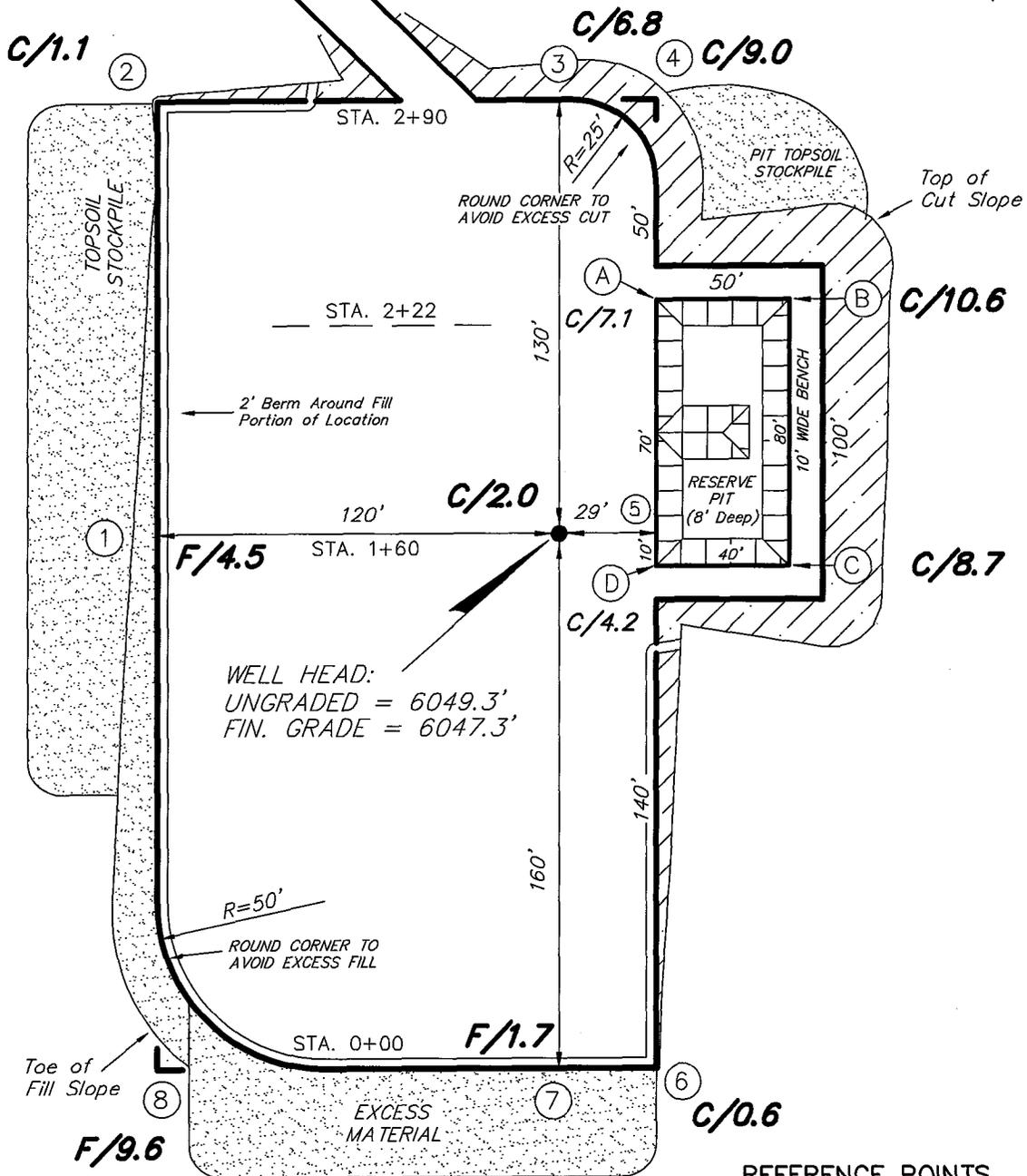
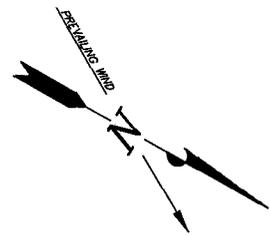
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 13-17-9-16

Section 17, T9S, R16E, S.L.B.&M.

PROPOSED ACCESS ROAD (Max. 6% Grade)



REFERENCE POINTS

- 210' NORTHEAST = 6045.3'
- 260' NORTHEAST = 6044.6'
- 170' SOUTHEAST = 6040.5'
- 220' SOUTHEAST = 6038.1'

SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

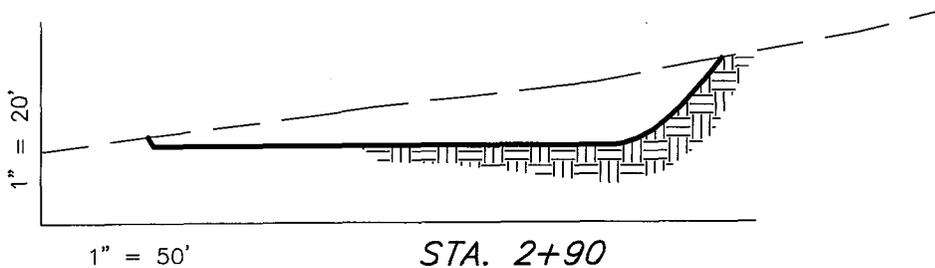
DATE: 12-09-05

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

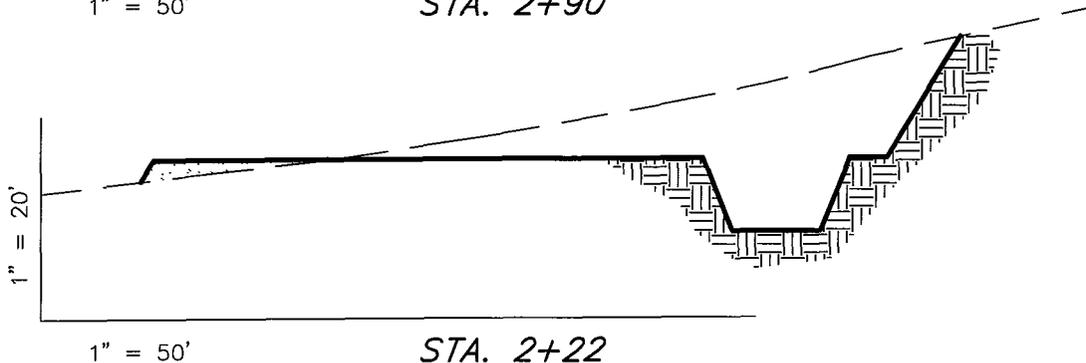
NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

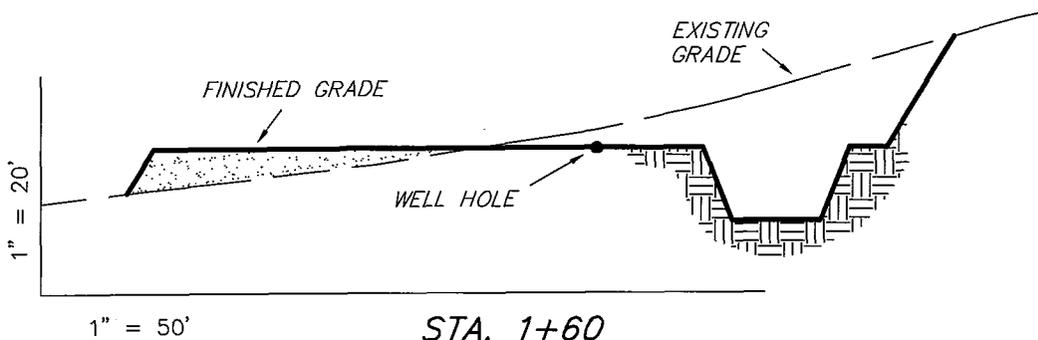
9 MILE 13-17-9-16



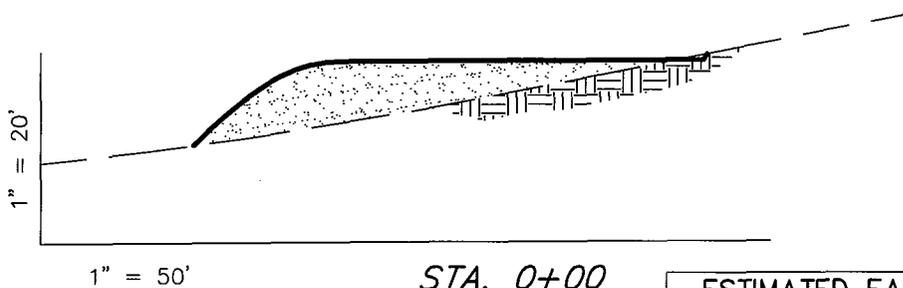
STA. 2+90



STA. 2+22



STA. 1+60



STA. 0+00

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	3,850	3,850	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	4,490	3,850	1,050	640

SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 12-09-05

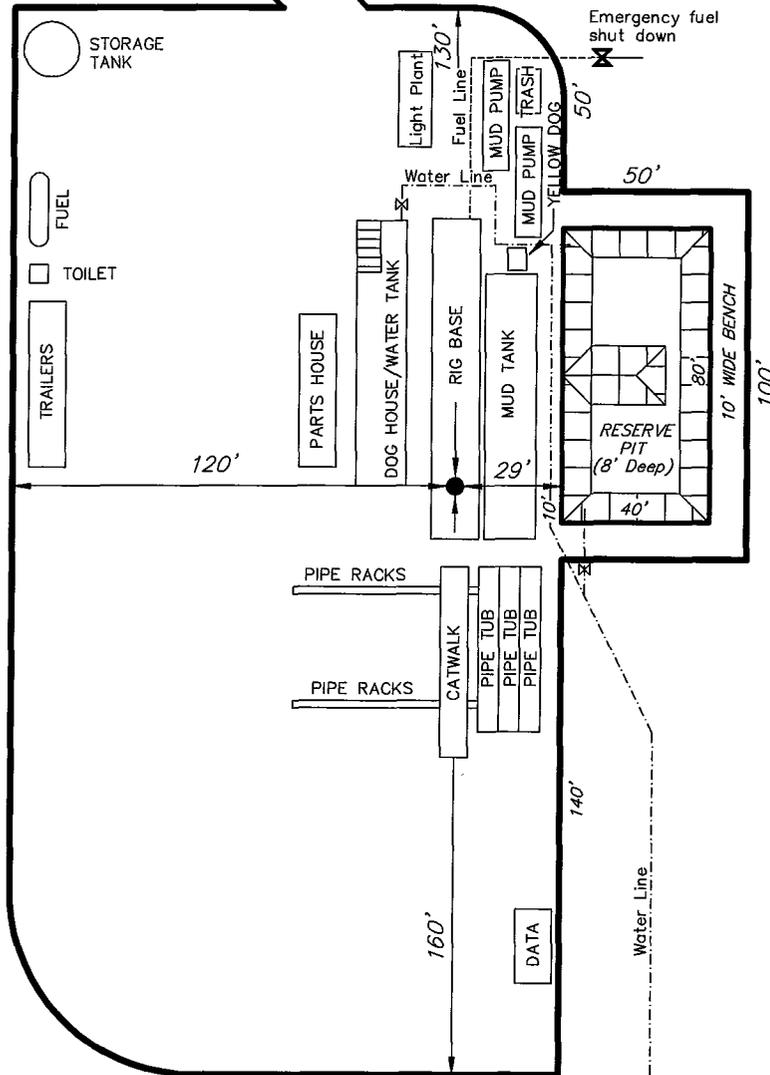
Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

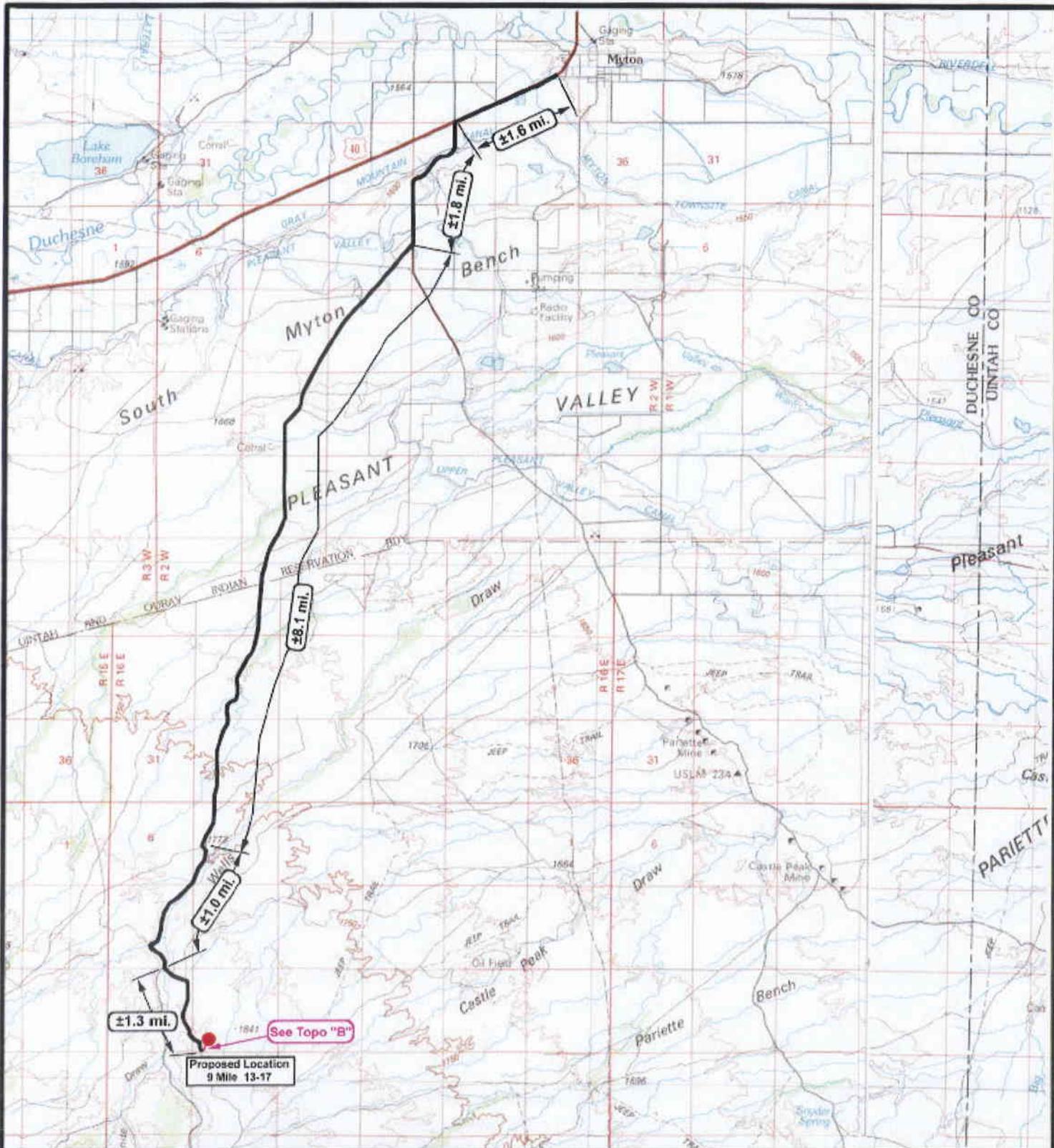
9 MILE 13-17-9-16

PROPOSED ACCESS ROAD (Max. 6% Grade)



SURVEYED BY: K.G.S.	SCALE: 1" = 50'	Tri State Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078
DRAWN BY: F.T.M.	DATE: 12-09-05	

(435) 781-2501



 **NEWFIELD**
Exploration Company

9 Mile 13-17-9-16
SEC. 17, T9S, R16E, S.L.B.&M.



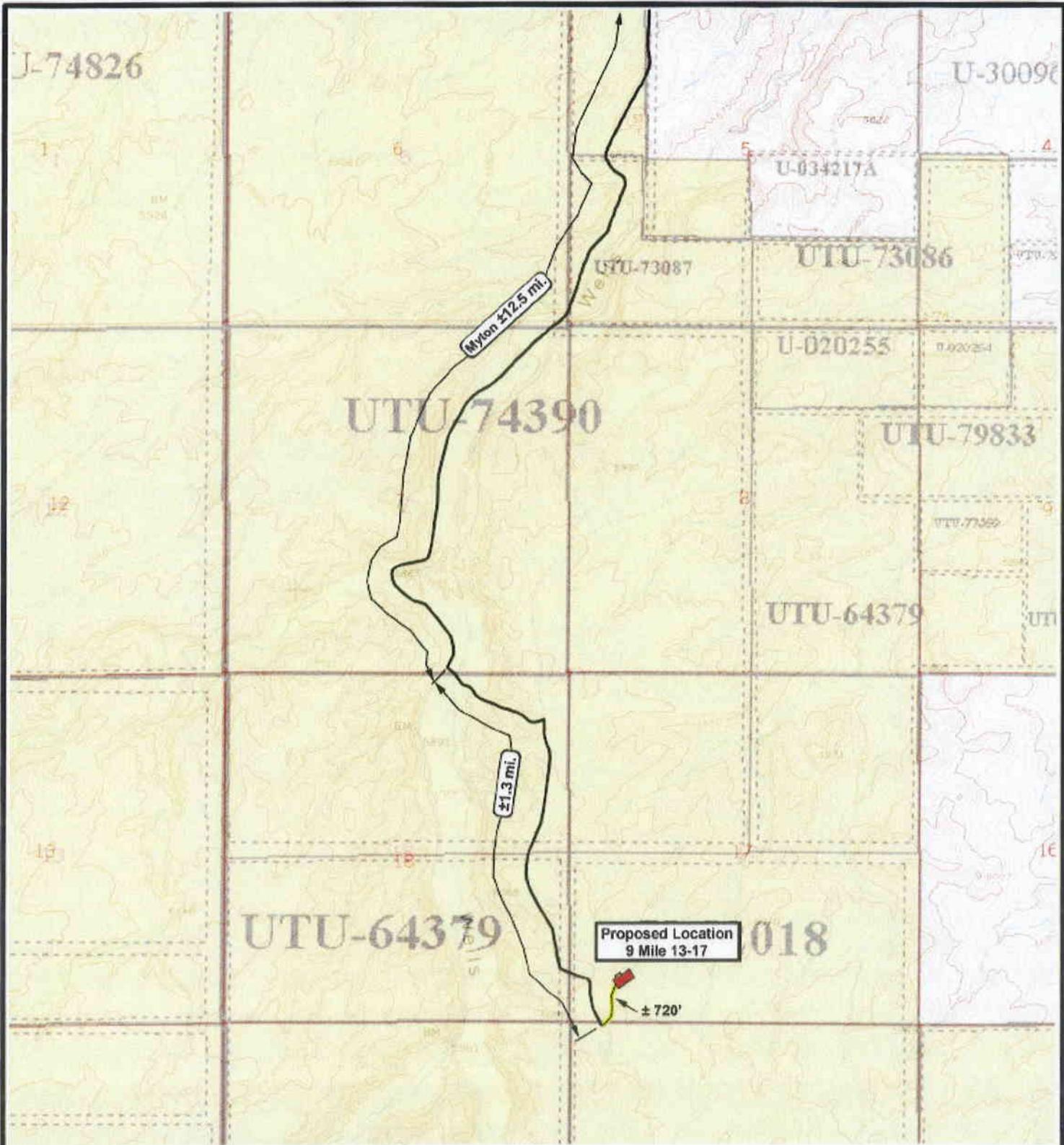

Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave., Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 12-12-2005

Legend

 Existing Road
 Proposed Access

TOPOGRAPHIC MAP
"A"




NEWFIELD
 Exploration Company

9 Mile 13-17-9-16
SEC. 17, T9S, R16E, S.L.B.&M.



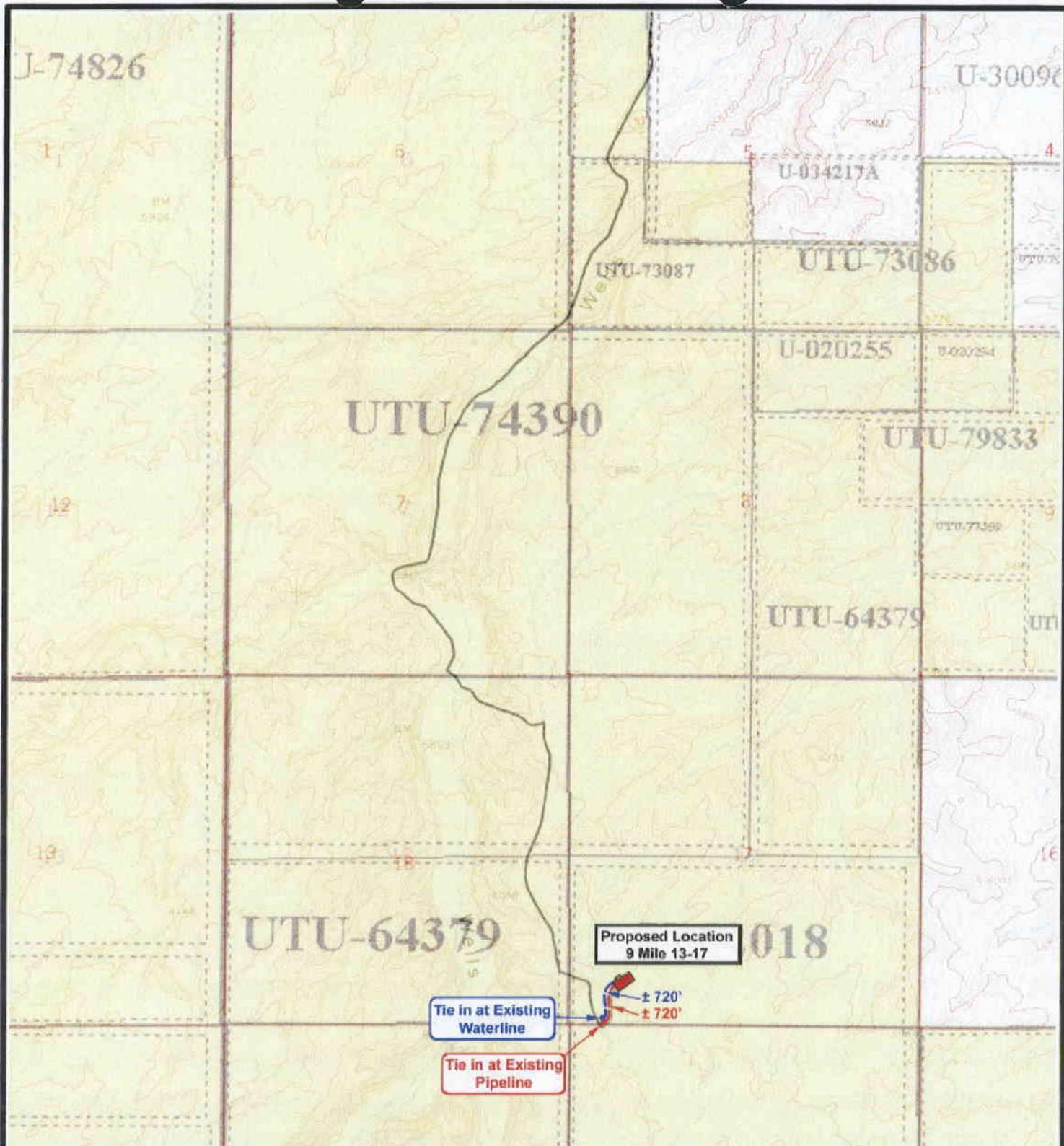

Tri-State
Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84076

SCALE: 1" = 2000'
DRAWN BY: mw
DATE: 12-12-2005

Legend

-  Existing Road
-  Proposed Access

TOPOGRAPHIC MAP
"B"



 **NEWFIELD**
Exploration Company

9 Mile 13-17-9-16
SEC. 17, T9S, R16E, S.L.B.&M.




Tri-State
Land Surveying Inc.
(435) 781-2601
180 North Vernal Ave. Vernal, Utah 84078

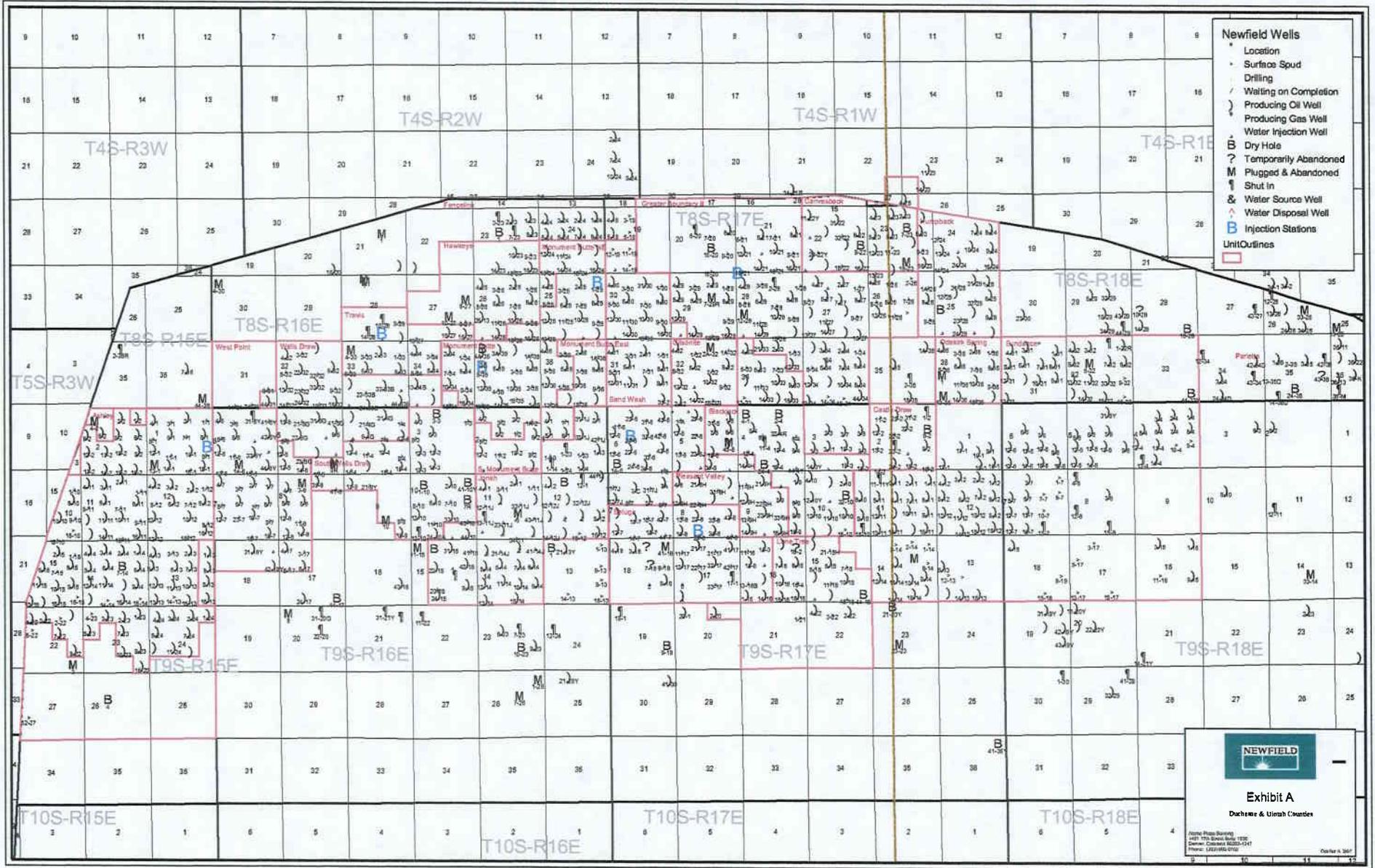
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DATE: 12-12-2005

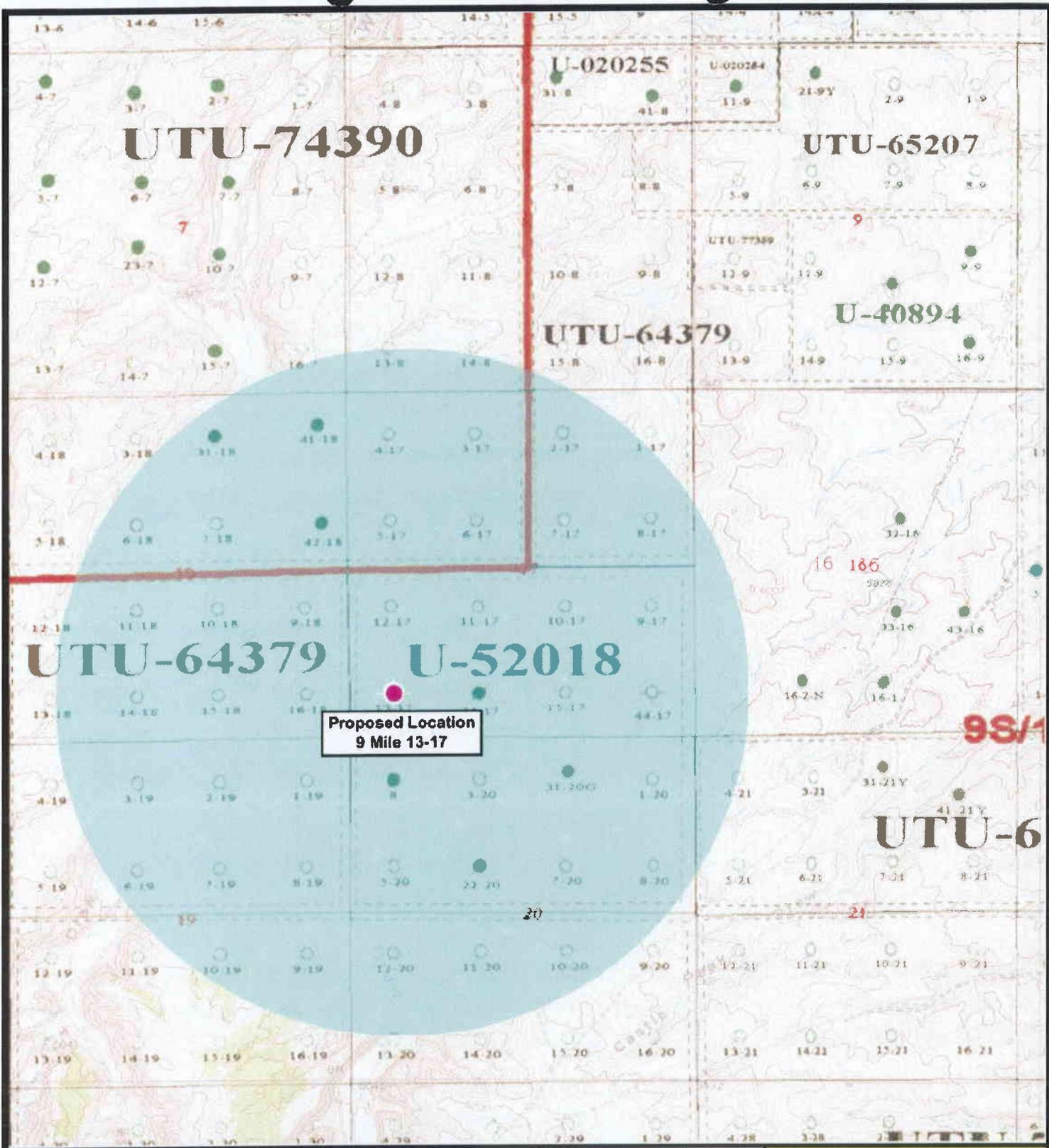
Legend

-  Roads
-  Proposed Gas Line
-  Proposed Water Line

TOPOGRAPHIC MAP

"C"





**Proposed Location
9 Mile 13-17**



NEWFIELD
Exploration Company

**9 Mile 13-17-9-16
SEC. 17, T9S, R16E, S.L.B.&M.**




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

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 12-12-2005

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

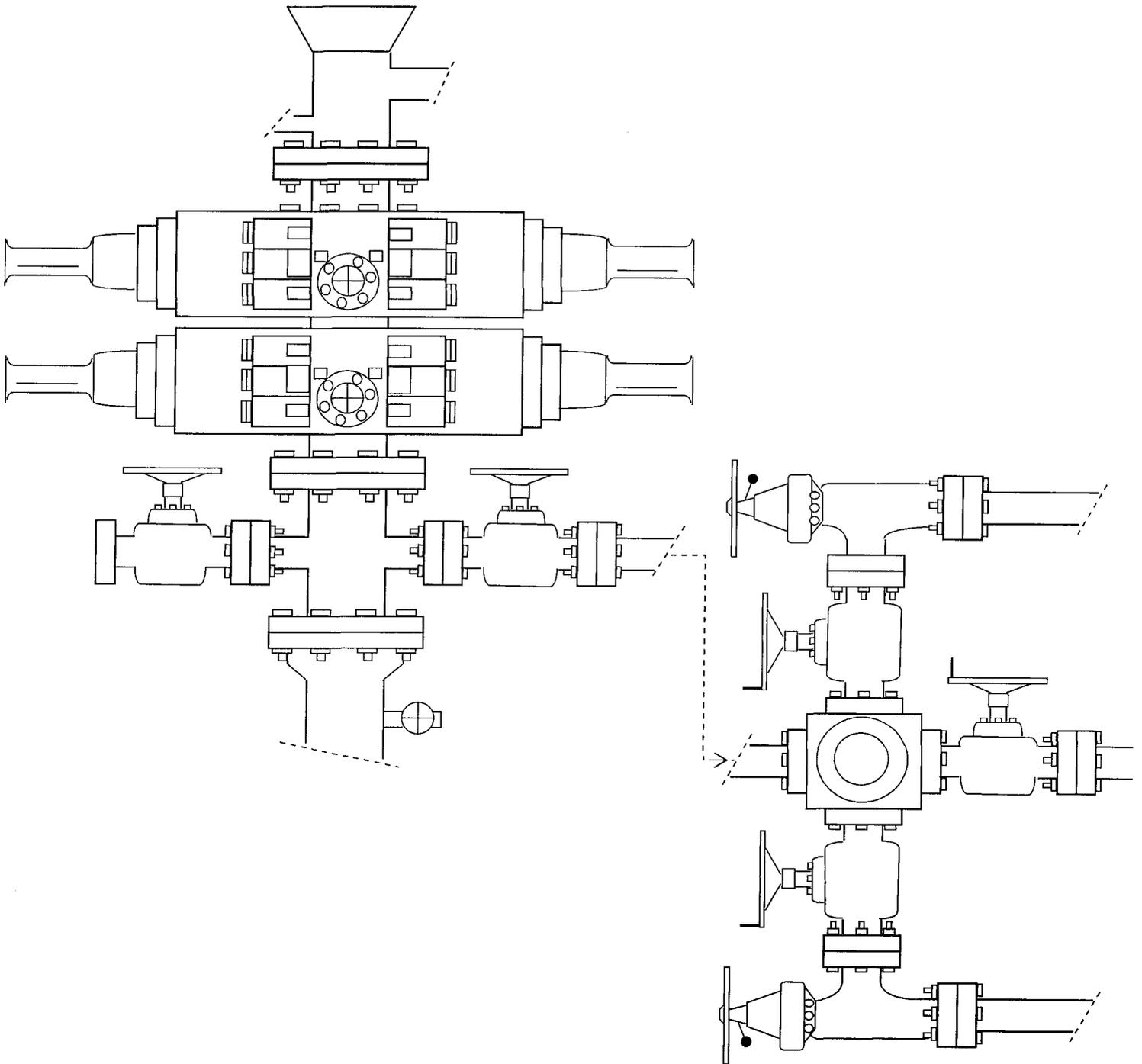


EXHIBIT C

Exhibit "D"
Page 1 of 2

A CULTURAL RESOURCE SURVEY OF THE SOUTH WELLS DRAW UNIT,

DUCHESNE COUNTY, UTAH

by

Ann Polk
and
Danielle Diamond

Prepared for:

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

Prepared by:

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

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

and

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

Archaeological Report No. 1030-01

April 23, 1998

NEWFIELD PRODUCTION COMPANY

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

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

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
November 10, 2005

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 01/24/2006

API NO. ASSIGNED: 43-013-33036

WELL NAME: FEDERAL 13-17-9-16
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWSW 17 090S 160E
 SURFACE: 0746 FSL 0842 FWL
 BOTTOM: 0746 FSL 0842 FWL
 COUNTY: DUCHESNE
 LATITUDE: 40.02575 LONGITUDE: -110.1489
 UTM SURF EASTINGS: 572626 NORTHINGS: 4430752
 FIELD NAME: MONUMENT BUTTE (105)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-52018
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

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

STIPULATIONS: 1- Federal Approval
2- Spacing Strip



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 17 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
- x LOCATION ABANDONED
- o NEW LOCATION
- * PLUGGED & ABANDONED
- * PRODUCING GAS
- * PRODUCING OIL
- * SHUT-IN GAS
- * SHUT-IN OIL
- x TEMP. ABANDONED
- o TEST WELL
- o WATER INJECTION
- o WATER SUPPLY
- o WATER DISPOSAL
- o DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 26-JANUARY-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

January 26, 2006

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

Re: Federal 13-17-9-16 Well, 746' FSL, 842' FWL, SW SW, Sec. 17, 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 43-013-33036.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Newfield Production Company

Well Name & Number Federal 13-17-9-16

API Number: 43-013-33036

Lease: UTU-52018

Location: SW SW Sec. 17 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

JAN 24 2006

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

ENVIRONMENTAL

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-52018
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 13-17-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/SW 746' FSL 842' FWL At proposed prod. zone		9. API Well No. 431013-33036
14. Distance in miles and direction from nearest town or post office* Approximatley 15.4 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. 842' flse, NA' f/unit	16. No. of Acres in lease 640.00	11. Sec., T., R., M., or Blk. and Survey or Area SW/SW Sec. 17, 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. 1347'	12. County or Parish Duchesne
19. Proposed Depth 6015'	20. BLM/BIA Bond No. on file UTB000192	13. State UT
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6049' GL	22. Approximate date work will start* 1st Quarter 2006	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 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 1/23/06
Title Regulatory Specialist		
Approved by (Signature) <i>Paul B. Cleary</i>	Name (Printed/Typed) Assistant Field Manager	Date 06/08/2006
Title Assistant Field Manager	Office Mineral Resources	

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

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

*(Instructions on reverse)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

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

RECEIVED
JUN 12 2006
DIV. OF OIL, GAS & MINING



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

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



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Federal 13-17-9-16
API No: 43-013-33036

Location: SWSW, Sec. 17, T9S, R16E
Lease No: UTU-52018
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
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:	Chris Carusona	Office: 435-781-4441	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Scott Ackerman	Office: 435-781-4437	
Natural Resource Specialist:	Nathaniel West	Office: 435-781-4447	
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 Chris Carusona) | - Forty-Eight (48) hours prior to construction of location and access roads. |
| Location Completion
(Notify Chris Carusona) | - 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 SPT) | - Twenty-Four (24) hours prior to running casing and cementing all casing strings. |
| BOP & Related Equipment Tests
(Notify Jamie Sparger SPT) | - Twenty-Four (24) hours prior to initiating pressure tests. |
| First Production Notice
(Notify Petroleum Engineer) | - Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

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

DRILLING AND CONSTRUCTION

All applicable local, state, and/or federal laws, regulations, and/or statutes must be complied with.

Prior to construction the operator must consult with the U.S. Army Corps of Engineers regarding compliance with Section 404 of the Clean Water Act.

In accordance with the Migratory Bird Treaty Act if a nest is found the operator shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer.

Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel shall not be allowed.

If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. may be needed to control the erosion. The operator shall submit a proposal to control erosion to the BLM.

The reserve pit shall be double lined with felt and a 12 ml or greater liner.

No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.

The liner is to be cut at the level of the cuttings or treated to prevent the reemergence of the pit liner and pit material to the surface or its interference with long-term successful re-vegetation. Any excess liner material removed from the pit is to be disposed of at an authorized disposal site.

When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.

Drill cuttings and mud shall remain in the reserve pit until DRY. The reserve pit must be free of oil and other liquid and solid wastes, allowed to dry, be pumped dry, or solidified in-situ prior to filling. The reserve pit shall not be "squeezed," (filled with soil while still containing fluids) or "cut" (puncturing the pit liner while still containing fluids to allow pit fluids to drain from the pit).

Prevent fill and stock piles from entering drainages.

CULTURAL AND PALEONTOLOGICAL RESOURCES STIPULATION.

Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery shall be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The

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

The access road shall be crowned and ditched. Flat-bladed roads are NOT allowed.

Notify the Authorized Officer 48 hours prior to surface disturbing activities.

Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil respread over the surface; and, the surface revegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeding.

Noxious weeds and any undesirable plants, as determined by the BLM, shall be controlled by the operator. The operator shall submit a pesticide use proposal to control weeds if they develop on the location or access road.

Trees must be removed from the location; must be piled separately off location; and saved for final reclamation purposes.

INTERIM RECLAMATION

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

Interim Reclamation Seed Mix for location:

Crested wheat grass <i>Agropyron cristatum</i>	4 lbs/acre
Per Live Seed Total	4 lbs/acre

Certified weed free seed and straw shall be used for final and interim reclamation. The operator shall submit a receipt with certification for the seed and any straw used on location.

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

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

The above listed seed mix shall be used to seed all unused portions of the pad including the topsoil and stock piles, and the reserve pits. Re-seeding may be required if the first seeding is not successful.

The seed shall be drilled or disked into the ground or hand broadcast onto the ground. Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixture shall be doubled and the area raked or chained to cover the seed. Seeding shall be conducted in fall.

COMPLETION AND PRODUCTION

All Blow back fluids from completion operations shall be contained in such a manner that no oil reaches the reserve pit.

During all road building, pad construction, drilling, well completion, producing and abandonment activities, all gasoline, diesel powered equipment used must be equipped with approved spark arresters or mufflers.

The dikes for the production facilities will be constructed of compacted subsoil; be impervious, hold 110% the capacity of the largest tank with (one) 1 foot of freeboard and be independent of the backcut. All galvanized material used for dikes shall be painted on the inside and outside. Dikes shall be installed before production starts. Diking of the entire location will only be used as a secondary means of containment.

Production facilities (including dikes) shall be placed on cut and a minimum of 20' from the toe of the backcut.

Pesticides may not be used to control undesirable woody and herbaceous vegetation, aquatic plants, insects, rodents, trash fish, etc., without the prior written approval of the BLM. A request for approval of planned uses of pesticides shall be submitted 4 months prior to the proposed starting date.

No production pits shall be allowed on the location.

Load outs shall be inside the dike. A drip barrel shall be installed under the end of the loadout line.

All production facilities, i.e. pump, pump house, storage tanks, oil-water separator, galvanized dikes, propane tanks, etc. shall be painted with a lusterless color (see well stipulations for color specific to each well). All facilities shall be painted within twelve (12) months of installation.

The well location shall be maintained in a clean environmentally friendly manner, using good house keeping practices.

Equipment not being used for production shall not be stored on the well location.

All oil and chemical barrels shall be labeled and have a spill containment device to protect soils from possible contamination.

ABANDONED WELL – FINAL RECLAMATION

A sundry notice shall be submitted to the BLM prior to abandonment, a final reclamation seed mix shall be designated at the time the sundry is approved.

The cut and fill slopes shall be recontoured to original contours. The entire disturbed area shall then be back-filled with topsoil, landscaped, seeded and fenced to exclude livestock. The fence shall remain in place. It shall be removed prior to approval of final abandonment.

The seed shall be drilled or hand broadcast and harrowed into the ground during September of the year following earthwork for initial or final reclamation. Planting depth shall not exceed one-half inch using a seed drill. Weed free mulch shall also be applied to the planting area

sufficiently to uniformly cover 80% of the seeded area. Hydroseeding and mulching can also be used, but seeding rates will need to be doubled.

When seeding *Artemisia* spp or shrubs broadcast seed and chain the area.

Final reclamation shall be a stage process.

If invasive or undesirable species are present in the area the location to be reclaimed will be sprayed with a pesticide in fall preferably October. (pesticide determined by the Vernal Field Office).

30 days after treatment drill seed the location with 4 lbs/acre Crested wheatgrass.

Once the desired pioneer species has established (2 yrs +) the seeded area shall be sprayed in a mosaic pattern with the above determined pesticide.

Reseed within 30 days with an approved native final reclamation seed mix.

Final reclamation will be considered complete once desired plants are > 5 plants per square meter and invasive or un-desirable species are < 100 plants per square meter.

Paint olive drab. 6" and 4" surface poly gas lines, 3" buried poly water return line and 3" steel buried water injection line.

DOWNHOLE CONDITIONS OF APPROVAL

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

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- None

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
- Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.
- All BOPE components will 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 must be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test must be reported in the driller's log.
- BOP drills must 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.
- All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
- No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will 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 must be obtained and notification given before resumption of operations.

- Chronologic drilling progress reports must 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 must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must 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, will 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 must be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will 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, will 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) will be submitted only when requested by the BLM, Vernal Field Office.
- **Please submit an electronic copy of all 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. The cement bond log must be submitted in raster format (TIF, PDF other).**
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters will 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 will be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production,

whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

- This APD is approved subject to the requirement that, shall the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and / or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 13-17-9-16

Api No: 43-013-33036 Lease Type: FEDERAL

Section 17 Township 09S Range 16E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 08/03/06

Time 11:30 AM

How DRY

Drilling will Commence: _____

Reported by TROY NEWFIELD

Telephone # (435) 823-6013

Date 08/03/2006 Signed CHD

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

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

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	15563	43-013-30366 <i>33036</i>	FEDERAL 13-17-9-16	SW/SW	17	9S	16E	DUCHESNE	08/03/06	8/10/06

WELL 1 COMMENTS: *GRU*

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	14844	43-047-35763	FEDERAL 11-9-9-18	NE/SW	9	9S	18E	UINTAH	08/05/06	8/10/06

GRU Sundance

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	14844	43-047-36052	FEDERAL 12-9-9-18	NW/SW	9	9S	18E	UINTAH	08/08/06	8/10/06

GRU Sundance

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	14844	43-047-35764	FEDERAL 9-9-9-18	NE/SE	9	9S	18E	UINTAH	08/04/06	8/10/06

GRU Sundance

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		

WELL 5 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		

WELL 5 COMMENTS:

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

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

Lana Nebeker
Signature
LANA NEBEKER

Production Analyst
Title
August 10, 2006
Date

08/10/2006 12:07 4356463031 INLAND PAGE 02

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.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

5. Lease Serial No.
UTU 52018

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
FEDERAL 13-17-9-16

9. API Well No.
4301333036

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SWSW Section 17 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	Spud Notice _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

On 8/3/2006 MIRU NDSI NS # 1. Spud well @ 11:30 AM. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 322.04'/ KB On 8/10/2006 cement with 160 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 7 bbls cement to pit. WOC.

RECEIVED
AUG 16 2006

DIV. OF OIL, GAS & MINING

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

Signature 

Title
Drilling Foreman

Date
08/10/2006

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)

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 322.04

LAST CASING 8 5/8" set @ 322.04
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 320' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
 WELL Federal 13-17-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI NS # 1

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 44.00'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	310.19
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			312.04
TOTAL LENGTH OF STRING		312.04	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			322.04
TOTAL		310.19	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		310.19	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.	Spud	8/3/2006	11:30 AM	GOOD CIRC THRU JOB <u>Yes</u>			
CSG. IN HOLE		8/4/2006	11:30 AM	Bbls CMT CIRC TO SURFACE <u>7</u>			
BEGIN CIRC		8/10/2006	8:30 AM	RECIPROCATED PIPE FOR <u>N/A</u>			
BEGIN PUMP CMT		8/10/2006	8:40 AM				
BEGIN DSPL. CMT		8/10/2006	8:51 AM	BUMPED PLUG TO <u>760</u> PSI			
PLUG DOWN		8/10/2006	9:01 AM				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third for 3							

COMPANY REPRESENTATIVE Troy Zufelt DATE 8/10/2006

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.

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)
 746 FSL 842 FWL
 SWSW Section 17 T9S R16E

5. Lease Serial No.
 LTY-52018

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
 FEDERAL 13-17-9-16

9. API Well No.
 4301333036

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

11. County or Parish, State
 DUCHESNE, UT

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

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

Newfield Production Company is requesting a variance from Onshore Order 43 CFR Part 3160 Section 4 requiring production tanks to be equipped with Enardo or equivalent vent line valves. Newfield operates wells that produce from the Green River formation, which are relatively low gas producers (20 mcfpd). The majority of the wells are equipped with a three phase separator to maximize gas separation and sales.

Newfield is requesting a variance for safety reasons. Crude oil production tanks equipped with back pressure devices will emit a surge of gas when the thief hatches are open. While gauging tanks, lease operators will be subject to breathing toxic gases as well as risk a fire hazard, under optimum conditions

RECEIVED

SEP 18 2006

DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR
 Date: 9/20/06
 Initials: [Signature]

I hereby certify that the foregoing is true and correct (Printed/ Typed)
 Mandie Crozier

Signature: *Mandie Crozier*

Title: Regulatory Specialist

Date: 09/15/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by: _____ Title: **Utah Division of Oil, Gas and Mining** Date: _____ Federal Approval Of This Action Is Necessary

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.

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.

Date: 9/25/06

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK
 OIL WELL GAS WELL DRY Other _____
 1b. TYPE OF WELL
 NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. Other _____

5. LEASE DESIGNATION AND SERIAL NO.
UTU-52019
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA
 7. UNIT AGREEMENT NAME
Federal
 8. FARM OR LEASE NAME, WELL NO.
Federal 13-17-9-16

2. NAME OF OPERATOR
Newfield Exploration Company
 9. WELL NO.
43-013-33036

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 **746' FSL & 842' FWL (SW/SW) Sec. 17, T9S, R16E**
 At top prod. Interval reported below
 At total depth

14. API NO. **43-013-33036** DATE ISSUED **1/26/06**
 12. COUNTY OR PARISH **Duchesne** 13. STATE **UT**

15. DATE SPUDDED **08/03/06** 16. DATE T.D. REACHED **08/20/06**
 17. DATE COMPL. (Ready to prod.) **09/14/06** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
6049' **6061' KB** 19. ELEV. CASING HEAD

20. TOTAL DEPTH MD & TVD **6000'** 21. PLUG BACK T.D., MD & TVD **5951'**
 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 4086'-5066'
 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#	322'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5983'	7-7/8"	325 sx Premlite II and 450 sx 50/50 Poz	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @	TA @
						5148'	5048'

31. PERFORMANCE RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(A3) 5052'-5066'	.46"	4/56	5052'-5066'	Frac w/ 53,799# 20/40 sand in 457 bbls fluid
(B2 & 1) 4868'-4886'-, 4829'-4835'	.43"	4/96	4829'-4886'	Frac w/ 84,971# 20/40s sand in 616 bbls fluid
(D1&2) 4685'-4699', 4610'-4618'	.43"	4/88	4610'-4699'	Frac w/ 70,145# 20/40 sand in 528 bbls fluid
(GB4) 4086'-4094'	.43"	4/32	4086'-4094'	Frac w/ 29,228# 20/40 sand in 327 bbls fluid

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (if flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)					
09/14/06	2-1/2" x 1-1/2" x 14' RHAC SM Plunger Pump	PRODUCING					
DATE OF TEST	HOURS TESTED	CHOKI SIZE	PROD'N FOR TEST PERIOD	OIL--BBL.	GAS--MCF	WATER--BBL.	GAS-OIL RATIO
30 day ave			----->	23	17	43	739
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF	WATER--BBL.	OIL GRAVITY (API GRAV.)	

34. DISPOSITION OF GAS, Not used for fuel, other than _____
Sold & Used for Fuel
 35. LIST OF ATTACHMENTS

Justin Palko

RECEIVED

OCT 24 2006

DIV. OF OIL, GAS & MINING

SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all well-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and coveries)				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Federal 13-17-9-16	Garden Gulch Mkr	3630'	
				Garden Gulch 1	3827'	
				Garden Gulch 2	3931'	
				Point 3 Mkr	4176'	
				X Mkr	4436'	
				Y-Mkr	4468'	
				Douglas Creek Mkr	4579'	
				BiCarbonate Mkr	4738'	
				B Limestone Mkr	4899'	
				Castle Peak	5478'	
				Basal Carbonate	5938'	
				Total Depth (LOGGERS)	5993'	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
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abandoned well. Use Form 3160-3 (APD) for such proposals.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 SWSW Section 17 T9S R16E

5. Lease Serial No.
UTU-52018

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
 FEDERAL 13-17-9-16

9. API Well No.
 4301333036

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

11. County or Parish, State
 DUCHESNE, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	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 8/15/06 MIRU Patterson #155. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6000'. 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, 136 jt's of 5.5 J-55, 15.5# csgn. Set @ 5982.92/ KB. Cement with 325 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned All Spacers bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 90,000 #'s tension. Release rig @ 5:00 am 8/21/06.

RECEIVED
AUG 22 2006

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

Title
 Drilling Foreman

Date
 08/21/2006

DIV. OF OIL, GAS & MINING

Approved by _____ Title _____ Date _____

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Office _____

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NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5982.92

Flt clr @ 5952.57'

LAST CASING 8 5/8" SET # 322'

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Federal 13-17-9-16

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # Patterson #155

TD DRILLER 6000 Loggers TD 5993

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 3920.81' (6.18')					
135	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5938.57
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	31.1
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5984.92
TOTAL LENGTH OF STRING		5984.92	136	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		199.68	5	CASING SET DEPTH			5982.92
TOTAL		6169.35	141	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6169.35	141				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		3:00PM	8/20/2006	GOOD CIRC THRU JOB <u>yes</u>			
CSG. IN HOLE		9:00PM	8/20/2006	Bbls CMT CIRC TO SURFACE <u>All Spacers</u>			
BEGIN CIRC		9:45PM	20-Aug	RECIPROCATED PIPE FOR <u>THRUSTROKE NA</u>			
BEGIN PUMP CMT		11:00PM	8/20/2006	DID BACK PRES. VALVE HOLD ? <u>Yes</u>			
BEGIN DSPL. CMT		11:55 AM	8/20/2006	BUMPED PLUG TO <u>2111</u> PSI			
PLUG DOWN		12:20 AM	8/21/2006				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	325	Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2	450	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Don Bastian

DATE 8/19/2006

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

5. LEASE DESIGNATION AND SERIAL NUMBER

UTU-52018

6. IF INDIAN, ALLOTTEE OR TRIBE 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.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
FEDERAL 13-17-9-16

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301333036

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:

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW, 17, T9S, R16E

COUNTY: DUCHESNE

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 10/23/2006	<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.

Status report for time period 09/01/06 - 09/14/06

Subject well had completion procedures initiated in the Green River formation on 09-01-06 without the use of a service rig over the well. A cement bond log was run and a total of four Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5052'-5066'); Stage #2 (4868'-4886'),(4829'-4835'); Stage #3 (4685'-4699'),(4610'-4618'); Stage #4 (4086'-4094'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 09-12-2006. Bridge plugs were drilled out and well was cleaned to 6221'. Zones were swab tested for sand cleanup. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 09-14-2006.

RECEIVED

OCT 26 2006

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) *Jentri Park*

TITLE *Production Clerk*

SIGNATURE *Jentri Park*

DATE *10 23 2006*

(This space for State use only)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-52018
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 13-17-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013330360000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0746 FSL 0842 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 17 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: 5/15/2012	<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 05/11/2012. On 05/11/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/15/2012 the casing was pressured up to 1660 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

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

Date: June 04, 2012

By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 5/25/2012	

Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: _____ Date 5/15/12 Time 9:00 am pm

Test Conducted by: Kody Olson

Others Present: Troy Lazenby

Well: <u>Federal 13-17-9-16</u>	Field: <u>Monument Butte</u>
Well Location: <u>SW/SW Sec 17, T9S, R16E</u> API No: <u>43-013-33036</u>	
<u>Duchesne County, UT</u> UTV <u>87538X</u>	

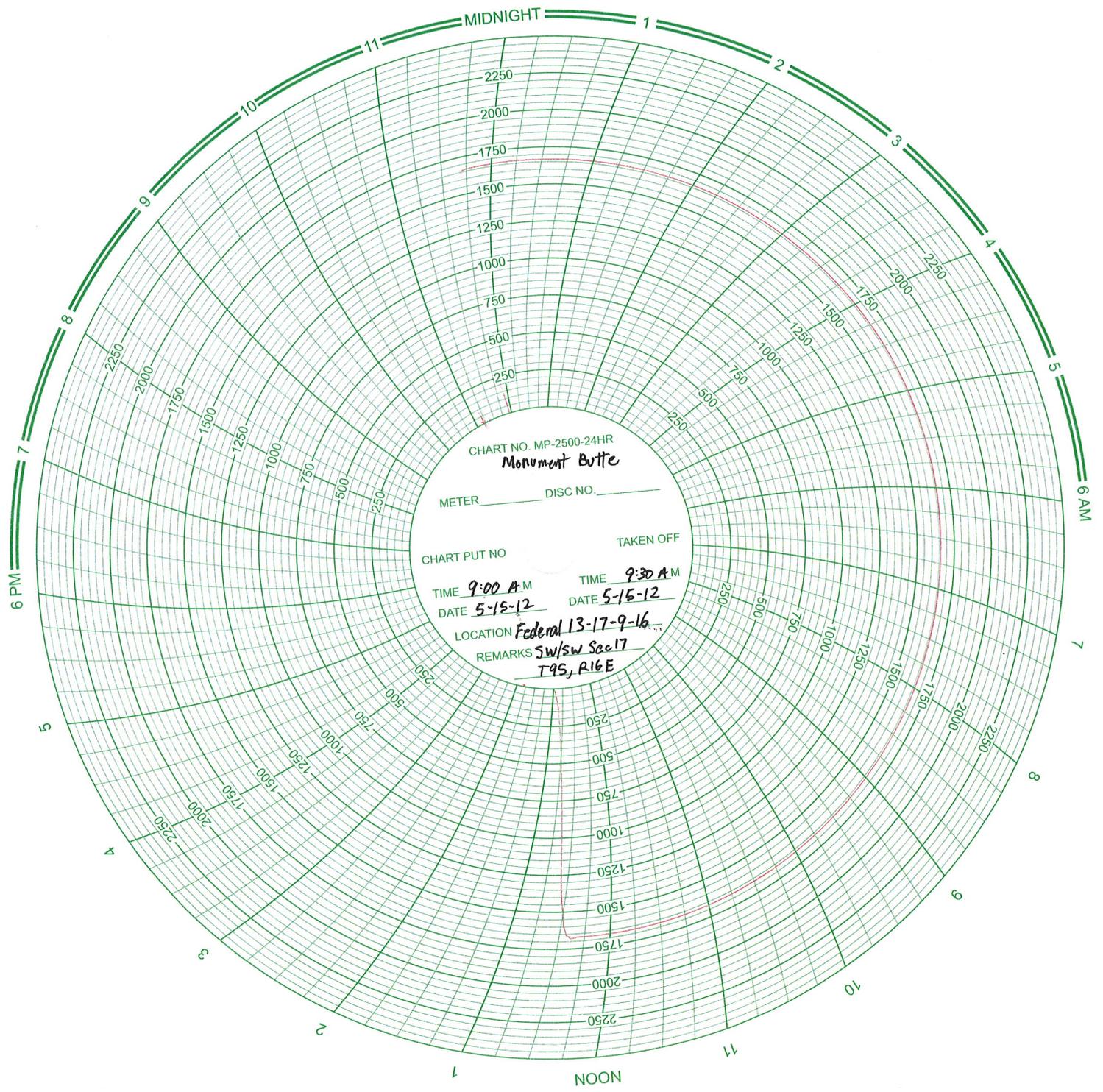
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1660</u>	psig
5	<u>1660</u>	psig
10	<u>1660</u>	psig
15	<u>1660</u>	psig
20	<u>1660</u>	psig
25	<u>1660</u>	psig
30 min	<u>1660</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 0 psig

Result: **Pass** **Fail**

Signature of Witness: _____

Signature of Person Conducting Test: [Signature]



Daily Activity Report**Format For Sundry****FEDERAL 13-17-9-16****3/1/2012 To 7/30/2012****5/7/2012 Day: 1****Recompletion**

Stone #10 on 5/7/2012 - MIRUSU-POOH w/rod string - LD rods as detailed - stack out w/10 3/4" 4 pers out-flush csg, 40bw-RIH w9 3/4" 4 pers-stack out w/1 3/4" 4 per out-flush csg 50bw-rods wouldn't go dwnhole. - RIH w/rods as detailed w/obannon overshot - PSI test BOP to 5000#-good test. Fill tbg w/2bw. POOH w/ p/rod 1 2/2"x22'-6'x8' 3/4" ponies-99 3/4" 4 per-48 3/4" SLK-12 3/4" 4 per-17 3/4" SLK-20 #/4" 4 per- 6, 1/2" wt bars-parted on pull rod. - MIRUSU-flush csg w/60bw w/BMW hot oiler. RD production tree. - LD rods as detailed - stack out w/10 3/4" 4 pers out-flush csg, 40bw-RIH w9 3/4" 4 pers-stack out w/1 3/4" 4 per out-flush csg 50bw-rods wouldn't go dwnhole. - RIH w/rods as detailed w/obannon overshot - PSI test BOP to 5000#-good test. Fill tbg w/2bw. POOH w/ p/rod 1 2/2"x22'-6'x8' 3/4" ponies-99 3/4" 4 per-48 3/4" SLK-12 3/4" 4 per-17 3/4" SLK-20 #/4" 4 per- 6, 1/2" wt bars-parted on pull rod. - MIRUSU-flush csg w/60bw w/BMW hot oiler. RD production tree.

Daily Cost: \$0**Cumulative Cost:** \$6,387**5/8/2012 Day: 3****Recompletion**

Stone #10 on 5/8/2012 - Frac 1 stg, flowback, circ well clean, POOH w/tbg & RBP - POOH & LD 113jts-39jts still in hole-SN-1jt-PKR-4' sub-RH-RBP-flush csg 25bw w/hot oiler-EOT 1278'-wait on pkr - flush csg 120bw w/hot oiler - Release RBP-wait on truck to move tbg trailer. - Release RBP-wait on truck to move tbg trailer. - RU & flowback-tbg died in 15min-release pkr, circ 28bw, RIH 2jts, circ 30bw - RU & flowback-tbg died in 15min-release pkr, circ 28bw, RIH 2jts, circ 30bw - Frac 1 stg-frac communicated to csg-1100psi-RD Baker Hughes - Frac 1 stg-frac communicated to csg-1100psi-RD Baker Hughes - Wait on haul truck to move tbg trailer & Baker Hughes to move onto location & RU - Wait on haul truck to move tbg trailer & Baker Hughes to move onto location & RU - RU hot oiler-break dwn zone @ 5000#-injection @ 2300# @ 1/2bpm-RU rig pump-fill hole w/75bw - RU hot oiler-break dwn zone @ 5000#-injection @ 2300# @ 1/2bpm-RU rig pump-fill hole w/75bw - set RBP @ 4809'-57jts out-POOH w/2 jts-set PKR @ 4739'-150jts-SN-1jt-PKR-4' sub-RH-RBP-59jts out - set RBP @ 4809'-57jts out-POOH w/2 jts-set PKR @ 4739'-150jts-SN-1jt-PKR-4' sub-RH-RBP-59jts out - tally & PU 34jts-152jts total-SN-1jt-PKR-4' sub-RH-RBP - tally & PU 34jts-152jts total-SN-1jt-PKR-4' sub-RH-RBP - PU & tally 11jts-SN-1jt_pkr-4' sub-RH-RBP, EOT @ 3758'. SDFN - PU & tally 11jts-SN-1jt_pkr-4' sub-RH-RBP, EOT @ 3758'. SDFN - RU & RIH w/wireline-perforate @ 4772'-4775'. POOH & RD Wireline - RU & RIH w/wireline-perforate @ 4772'-4775'. POOH & RD Wireline - Wait on wireline to arrive - Wait on wireline to arrive - flush tbg 25bw-POOH 127 jts-LD 35 jts w/BHA-159 jts total-T/A 1jt-SN-2jts-NC - flush tbg 25bw-POOH 127 jts-LD 35 jts w/BHA-159 jts total-T/A 1jt-SN-2jts-NC - POOH breaking, doping & tallying 80 jts - POOH breaking, doping & tallying 80 jts - NU Weatherfrod BOP-U/S T/A-didn't tag fill - NU Weatherfrod BOP-U/S T/A-didn't tag fill - RU & RIH w/wireline-perforate tbg @ 5025'-POOH & RD wireline-flush tbg w/40bw - RU & RIH w/wireline-perforate tbg @ 5025'-POOH & RD wireline-flush tbg w/40bw - flush csg 120bw w/hot oiler - flush csg 120bw w/hot oiler - POOH & LD 113jts-39jts still in hole-SN-1jt-PKR-4' sub-RH-RBP-flush csg 25bw w/hot oiler-EOT 1278'-wait on pkr - POOH & LD 113jts-39jts still in hole-SN-1jt-PKR-4' sub-RH-RBP-flush csg 25bw w/hot oiler-EOT 1278'-wait on pkr - Release RBP-wait on truck to move tbg trailer. - Release RBP-wait on truck to move tbg trailer. - RU & flowback-tbg died in 15min-release pkr, circ 28bw, RIH 2jts, circ 30bw - RU & flowback-tbg died in 15min-release pkr, circ 28bw, RIH 2jts, circ 30bw - Frac 1 stg-frac communicated to csg-1100psi-RD Baker Hughes - Frac 1 stg-frac communicated to csg-1100psi-RD Baker Hughes - Wait on haul truck to move tbg trailer

& Baker Hughes to move onto location & RU - Wait on haul truck to move tbg trailer & Baker Hughes to move onto location & RU - RU hot oiler-break dwn zone @ 5000#-injection @ 2300# @ 1/2bpm-RU rig pump-fill hole w/75bw - RU hot oiler-break dwn zone @ 5000#-injection @ 2300# @ 1/2bpm-RU rig pump-fill hole w/75bw - set RBP @ 4809'-57jts out-POOH w/2 jts-set PKR @ 4739'-150jts-SN-1jt-PKR-4' sub-RH-RBP-59jts out - set RBP @ 4809'-57jts out-POOH w/2 jts-set PKR @ 4739'-150jts-SN-1jt-PKR-4' sub-RH-RBP-59jts out - tally & PU 34jts-152jts total-SN-1jt-PKR-4' sub-RH-RBP - tally & PU 34jts-152jts total-SN-1jt-PKR-4' sub-RH-RBP - PU & tally 11jts-SN-1jt_pkr-4' sub-RH-RBP, EOT @ 3758'. SDFN - PU & tally 11jts-SN-1jt_pkr-4' sub-RH-RBP, EOT @ 3758'. SDFN - RU & RIH w/wireline-perforate @ 4772'-4775'. POOH & RD Wireline - RU & RIH w/wireline-perforate @ 4772'-4775'. POOH & RD Wireline - Wait on wireline to arrive - Wait on wireline to arrive - flush tbg 25bw-POOH 127 jts-LD 35 jts w/BHA-159 jts total-T/A 1jt-SN-2jts-NC - flush tbg 25bw-POOH 127 jts-LD 35 jts w/BHA-159 jts total-T/A 1jt-SN-2jts-NC - POOH breaking, doping & tallying 80 jts - POOH breaking, doping & tallying 80 jts - NU Weatherfrod BOP-U/S T/A-didn't tag fill - NU Weatherfrod BOP-U/S T/A-didn't tag fill - RU & RIH w/wireline-perforate tbg @ 5025'-POOH & RD wireline-flush tbg w/40bw - RU & RIH w/wireline-perforate tbg @ 5025'-POOH & RD wireline-flush tbg w/40bw - flush csg 120bw w/hot oiler - POOH & LD 113jts-39jts still in hole-SN-1jt-PKR-4' sub-RH-RBP-flush csg 25bw w/hot oiler-EOT 1278'-wait on pkr

Daily Cost: \$0

Cumulative Cost: \$55,022

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

Stone #10 on 5/10/2012 - Roundtrip tbg - LD RBP - psi test tbg - psi test tbg to 3100#-watch psi - bump up 5 times-SITP 3540 - drop SV, RU sandline to chase SV-14bw to fill - flush 30bw dwn tbg w/hot oiler - LD 39 jts-SN-1jt-PKR-4'sub-RH-RBP, RIH w/127jts-SN-Pkr - Safety meeting-daily procedures - psi test tbg to 3100#-watch psi - bump up 5 times-SITP 3540 - drop SV, RU sandline to chase SV-14bw to fill - flush 30bw dwn tbg w/hot oiler - LD 39 jts-SN-1jt-PKR-4'sub-RH-RBP, RIH w/127jts-SN-Pkr - Safety meeting-daily procedures

Daily Cost: \$0

Cumulative Cost: \$61,347

5/11/2012 Day: 5**Recompletion**

Stone #10 on 5/11/2012 - Finish tbg test-fish SV-get good csg test - NU WH-psi test csg 2000#-let sit overnight. - flush csg w/50bw & pkr fluid-set pkr w/15000#-NU WH - good test overnight-RIH w/sandline & overshot-flush csg w/75bw using BMW hotoiler. Fish SV-ND Weatherfrod BOP. - flush csg w/70bw & pkr fluid-set pkr w/15000# - wait on wtr & pkr fluid - unseat pkr-add 6'sub - psi test csg 1700#-bump up 2 times-no test-ND WH - flush csg w/50bw & pkr fluid-set pkr w/15000#-NU WH - good test overnight-RIH w/sandline & overshot-flush csg w/75bw using BMW hotoiler. Fish SV-ND Weatherfrod BOP. - NU WH-psi test csg 2000#-let sit overnight. - flush csg w/70bw & pkr fluid-set pkr w/15000# - wait on wtr & pkr fluid - unseat pkr-add 6'sub - psi test csg 1700#-bump up 2 times-no test-ND WH

Daily Cost: \$0

Cumulative Cost: \$127,524

5/23/2012 Day: 6**Recompletion**

Rigless on 5/23/2012 - Conduct initial MIT - On 05/11/2012 Chris Jesnen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/15/2012 the casing was pressured up to 1660 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 05/11/2012 Chris

Jesnen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/15/2012 the casing was pressured up to 1660 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

Finalized

Daily Cost: \$0

Cumulative Cost: \$159,344

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-52018
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Water Injection Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: FEDERAL 13-17-9-16
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013330360000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0746 FSL 0842 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 17 Township: 09.0S Range: 16.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/14/2012	<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 type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Put on Injection"/>

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

The above reference well was put on injection at 12:40 PM on
06/14/2012.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
June 15, 2012**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 6/15/2012	



January 24, 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 #13-17-9-16
Monument Butte Field, Lease #UTU-52018
Section 17-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #13-17-9-16 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, sweeping horizontal line extending to the right.

Eric Sundberg
Regulatory Lead

RECEIVED
JAN 26 2012

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #13-17-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-52018
JANUARY 24, 2012

RECEIVED
JAN 26 2012
OF OIL, GAS & MINING

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COVER PAGE	
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COMPLETED RULE R615-5-2 QUESTIONNAIRE	
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ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

Federal 13-17-9-16

Spud Date: 8-3-06
 Put on Production: 9-14-06
 GL: 6049' KB: 6061'

Initial Production: BOPD,
 MCFD, BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

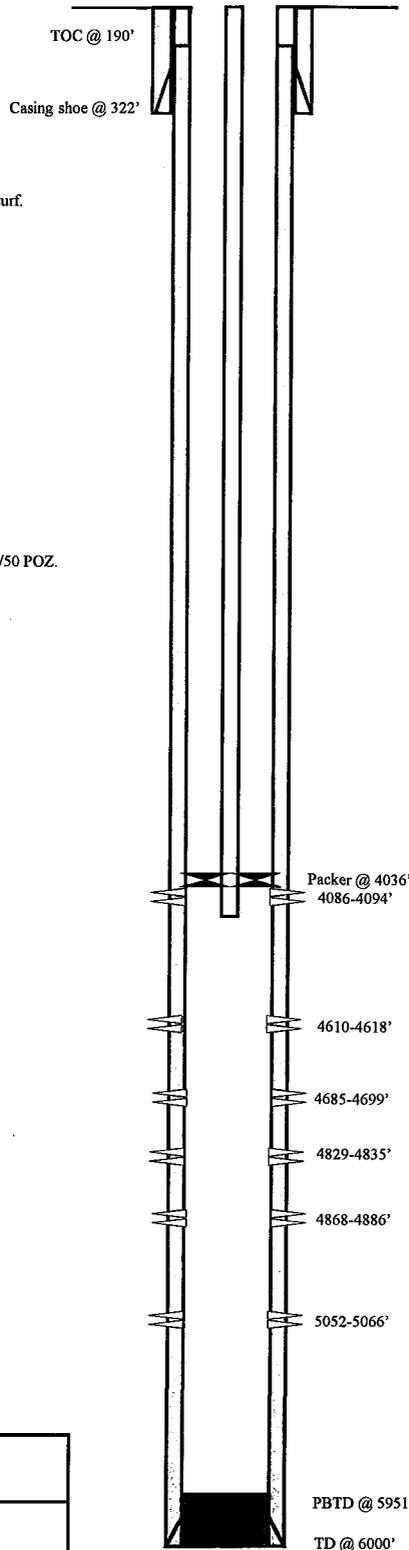
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (310.19')
 DEPTH LANDED: 322.04' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 136 jts. (5969.67')
 DEPTH LANDED: 5982.92' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 190'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 159 jts (5026')
 TUBING ANCHOR: 5038' KB
 NO. OF JOINTS: 1 jts (31.61')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5072' KB
 NO. OF JOINTS: 2 jts (63.40')
 TOTAL STRING LENGTH: EOT @ 5137' KB



FRAC JOB

09-08-06	5052-5066'	Frac A3 sands as follows: 53799# 20/40 sand in 457 bbls Lightning 17 frac fluid. Treated @ avg press of 1879 psi w/avg rate of 24.8 BPM. ISIP 2050 psi. Calc flush: 5050 gal. Actual flush: 4536 gal.
09-08-06	4829-4886'	Frac B2, & B1 sands as follows: 84971# 20/40 sand in 616 bbls Lightning 17 frac fluid. Treated @ avg press of 1856 psi w/avg rate of 24.9 BPM. ISIP 2250 psi. Calc flush: 4827 gal. Actual flush: 4326 gal.
09-08-06	4610-4699'	Frac D2, & D1 sands as follows: 70145# 20/40 sand in 528 bbls Lightning 17 frac fluid. Treated @ avg press of 1827 psi w/avg rate of 24.8 BPM. ISIP 1800 psi. Calc flush: 4608 gal. Actual flush: 4032 gal.
09-08-06	4086-4094'	Frac GB4 sands as follows: 29228# 20/40 sand in 327 bbls Lightning 17 frac fluid. Treated @ avg press of 1944 w/ avg rate of 24.9 BPM. ISIP 1640 psi. Calc flush: 4084 gal. Actual flush: 3990 gal.
1-10-08 04/04/11		Pump Change. Updated rod & tubing details. Tubing leak. Rod & tubing updated.

PERFORATION RECORD

09-01-06	5052-5066'	4 JSPF	56 holes
09-08-06	4868-4886'	4 JSPF	72 holes
09-08-06	4829-4835'	4 JSPF	24 holes
09-08-06	4685-4699'	4 JSPF	56 holes
09-08-06	4610-4618'	4 JSPF	32 holes
09-08-06	4086-4094'	4 JSPF	32 holes

NEWFIELD

Federal 13-17-9-16

746' FSL & 842' FWL

SW/SW Section 17-T9S-R16E

Duchesne Co, Utah

API # 43-013-33036; Lease # UTU-52018

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 #13-17-9-16 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 #13-17-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3930' - 5951'). 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 3607' and the TD is at 6000'.

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

The referenced log for the Federal #13-17-9-16 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-52018) 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 322' KB, and 5-1/2", 15.5# casing run from surface to 5983' 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 1613 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 #13-17-9-16, for existing perforations (4086' - 5066') calculates at 0.83 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 1613 psig. We may add additional perforations between 3607' and 6000'. 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 #13-17-9-16, the proposed injection zone (3930' - 5951') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

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

See Attachments E through E-10.

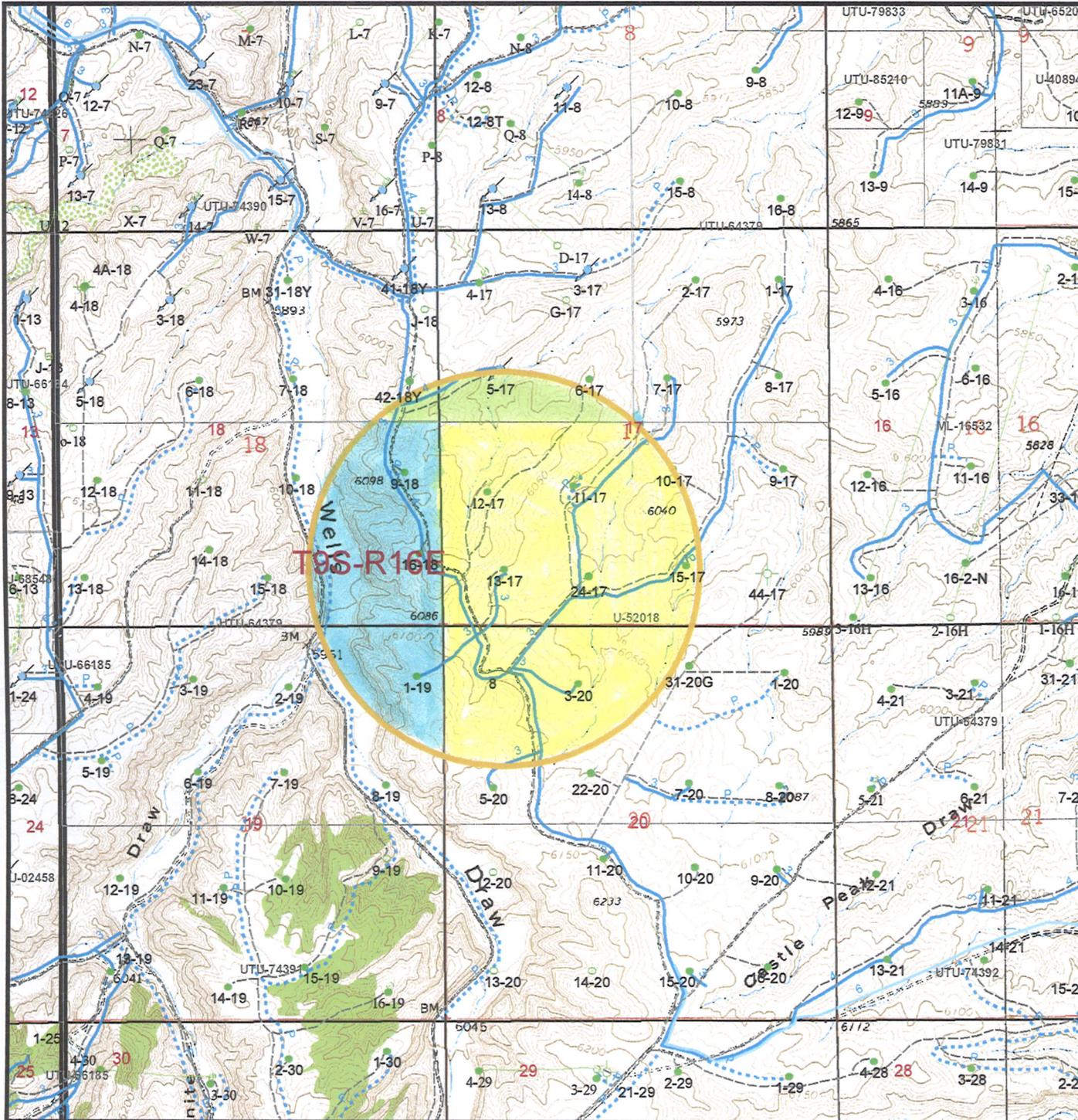
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

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

See Attachment C.

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

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



WellStatus_HalfMile_Buffer

Well Status

- Location
- CTI
- ⬇ Surface Spud
- ⊕ Drilling
- ⊕ Waiting on Completion
- Producing Oil Well
- ⊗ Producing Gas Well
- ⊕ Water Injection Well
- Dry Hole
- Temporarily Abandoned
- ⊕ Plugged & Abandoned
- Shut In
- Countyline

Injection system

- high pressure
- low pressure
- ⋯ proposed
- return
- ⋯ return proposed
- Leases
- Mining tracts

UTU-52018

UTU-64379

UTU-74390

Federal 13-17
Section 17, T9S-R16E

NEWFIELD

ROCKY MOUNTAINS

1" = 2000'

1/4 Mile Radius Map

Duchesne & Uintah Counties

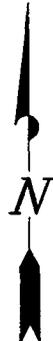
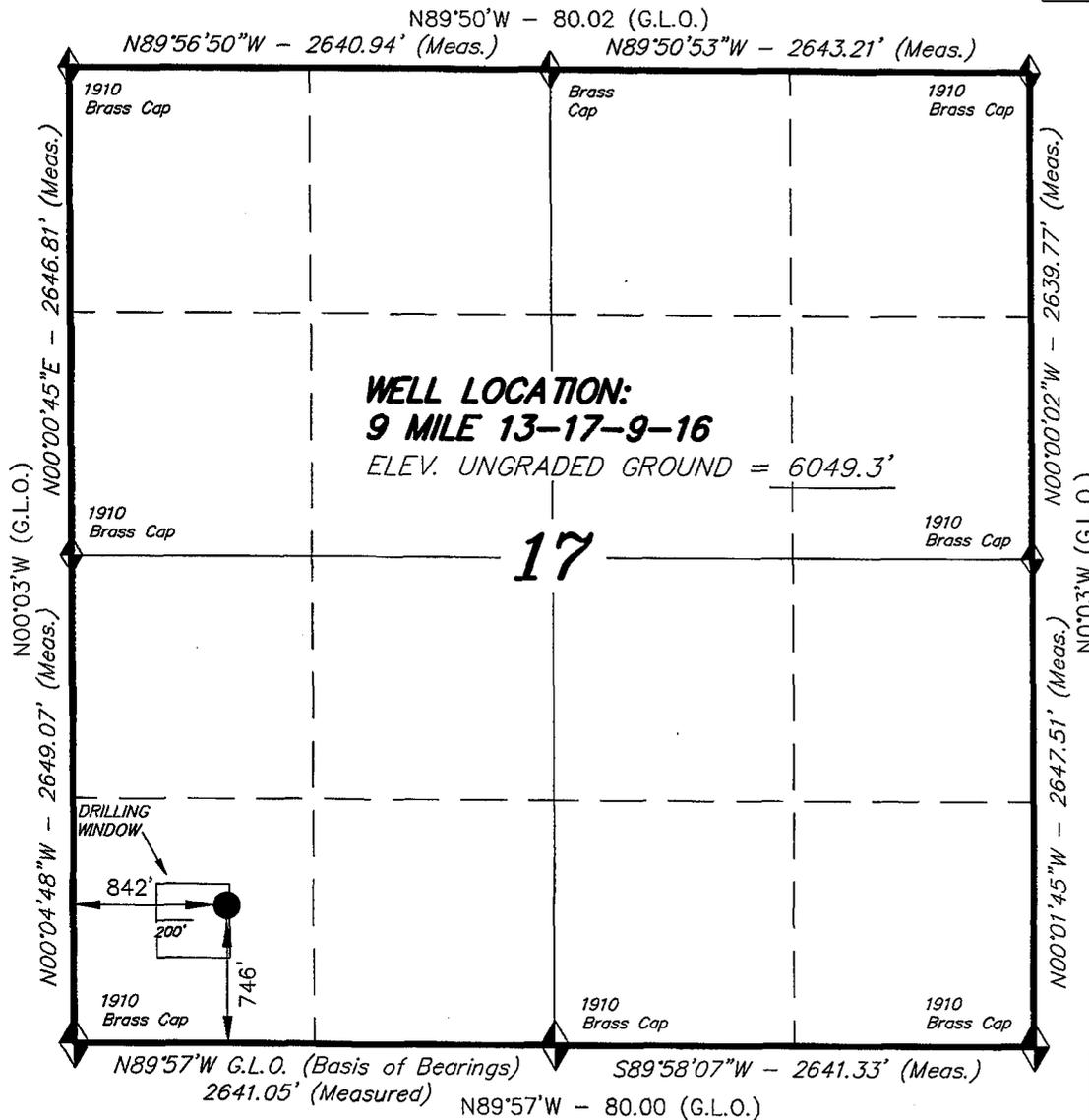
1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

Dec. 12, 2011

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

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 13-17-9-16,
 LOCATED AS SHOWN IN THE SW 1/4 SW
 1/4 OF SECTION 17, T9S, R16E,
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



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

REGISTERED LAND SURVEYOR
 STACY W. STEWART
 REGISTERED LAND SURVEYOR
 REGISTRATION No. 28832
 STATE OF UTAH

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

DATE SURVEYED: 12-01-05	SURVEYED BY: K.G.S.
DATE DRAWN: 12-7-05	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

◆ = SECTION CORNERS LOCATED

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

9 MILE 13-17-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 01' 32.43"
 LONGITUDE = 110° 08' 58.81"

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 17: S2 Section 20: N2	USA UTU-52018 HBP	Newfield Production Company Newfield RMI LLC	USA
2	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 Corporation	USA
3	T9S-R16E SLM Section 6: ALL Section 7: ALL Section 8: W2 Section 17: NW Section 18: NE, E2NW, Lots 1,2	USA UTU-74390 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corporation ABO Petroleum Corp Myco Industries Inc Oxy Y-1 Company	USA

ATTACHMENT C

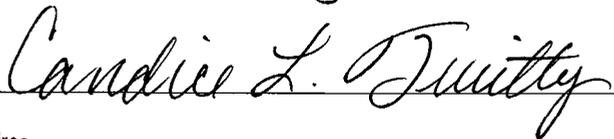
CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #13-17-9-16

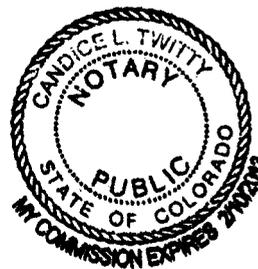
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: 
Newfield Production Company
Eric Sundberg
Regulatory Lead

Sworn to and subscribed before me this 24th day of January, 2012.

Notary Public in and for the State of Colorado: 

My Commission Expires: 02/10/2013



Federal 13-17-9-16

Spud Date: 8-3-06
 Put on Production: 9-14-06
 GL: 6049' KB: 6061'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (310.19')
 DEPTH LANDED: 322.04' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

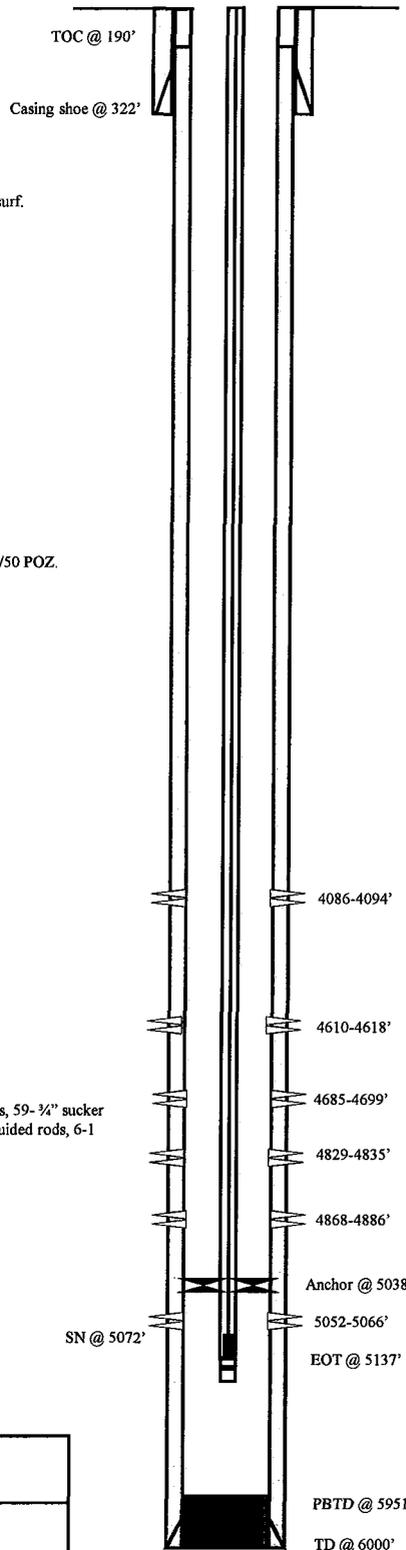
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 136 jts (5969.67')
 DEPTH LANDED: 5982.92' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 190'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 159 jts (5026')
 TUBING ANCHOR: 5038' KB
 NO. OF JOINTS: 1 jts (31.61')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5072' KB
 NO. OF JOINTS: 2 jts (63.40')
 TOTAL STRING LENGTH: EOT @ 5137' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-6', 8' x 3/4" pony rods, 99-3/4" guided rods, 59-3/4" sucker rods, 12-3/4" guided rods, 18-3/4" sucker rods, 20-3/4" 4 per guided rods, 6-1 1/2" sinker bars.
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC
 STROKE LENGTH: 76"
 PUMP SPEED, SPM: 4.5 SPM



FRAC JOB

09-08-06	5052-5066'	Frac A3 sands as follows: 53799# 20/40 sand in 457 bbls Lightning 17 frac fluid. Treated @ avg press of 1879 psi w/avg rate of 24.8 BPM. ISIP 2050 psi. Calc flush: 5050 gal. Actual flush: 4536 gal.
09-08-06	4829-4886'	Frac B2, & B1 sands as follows: 84971# 20/40 sand in 616 bbls Lightning 17 frac fluid. Treated @ avg press of 1856 psi w/avg rate of 24.9 BPM. ISIP 2250 psi. Calc flush: 4827 gal. Actual flush: 4326 gal.
09-08-06	4610-4699'	Frac D2, & D1 sands as follows: 70145# 20/40 sand in 528 bbls Lightning 17 frac fluid. Treated @ avg press of 1827 psi w/avg rate of 24.8 BPM. ISIP 1800 psi. Calc flush: 4608 gal. Actual flush: 4032 gal.
09-08-06	4086-4094'	Frac GB4 sands as follows: 29228# 20/40 sand in 327 bbls Lightning 17 frac fluid. Treated @ avg press of 1944 w/ avg rate of 24.9 BPM. ISIP 1640 psi. Calc flush: 4084 gal. Actual flush: 3990 gal.
1-10-08 04/04/11		Pump Change. Updated rod & tubing details. Tubing leak. Rod & tubing updated.

PERFORATION RECORD

09-01-06	5052-5066'	4 JSPF	56 holes
09-08-06	4868-4886'	4 JSPF	72 holes
09-08-06	4829-4835'	4 JSPF	24 holes
09-08-06	4685-4699'	4 JSPF	56 holes
09-08-06	4610-4618'	4 JSPF	32 holes
09-08-06	4086-4094'	4 JSPF	32 holes

NEWFIELD

Federal 13-17-9-16
 746' FSL & 842' FWL
 SW/SW Section 17-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33036; Lease # UTU-52018

FEDERAL 10-17-9-16

Spud Date: 09/01/2006
 Put on Production: 10/20/2006
 GL: 5995' KB: 6007'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (311.60')
 DEPTH LANDED: 323.45' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 138 jts. (6025.03')
 DEPTH LANDED: 6038.28' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

TUBING

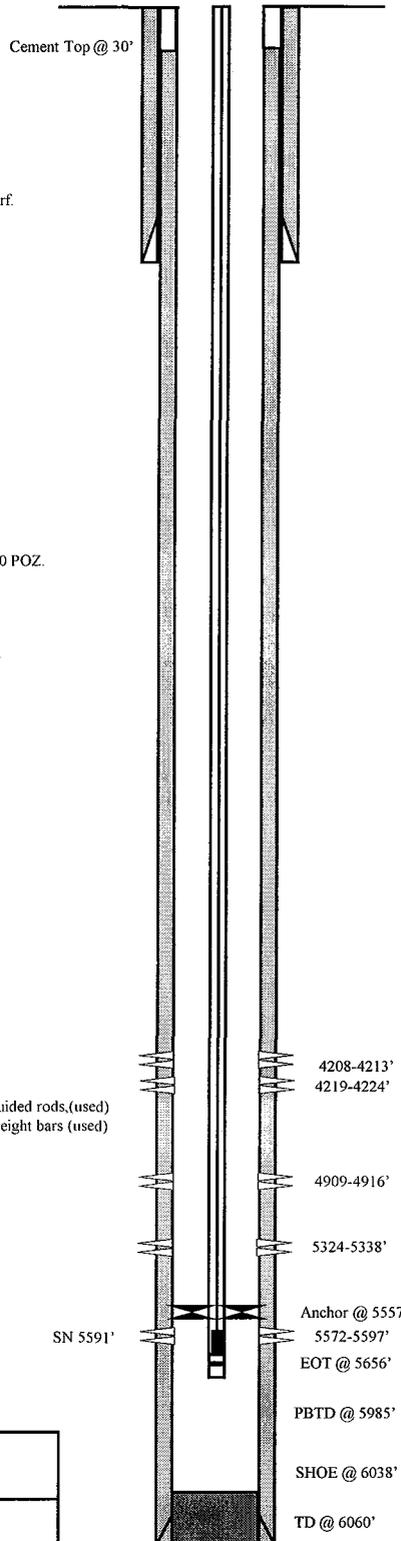
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 176 jts (5544.87')
 TUBING ANCHOR: 5556.87' KB
 NO. OF JOINTS: 1 jts (31.56')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5591.23' KB
 NO. OF JOINTS: 2 jts (63.04')
 TOTAL STRING LENGTH: EOT @ 5655.82' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-4, & 1-8" x 3/4" pony rod, (used) 100-3/4" guided rods, (used) 106-3/4" plain rods, (used) 10-3/4" guided rods, (used) 6-1 1/2" weight bars (used)
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12', x 15.5' RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, 5 SPM:

FRAC JOB

10/16/06	5572-5597'	Frac CP1 sands as follows: 90,054# 20/40 sand in 666 bbls Lightning 17 frac fluid. Treated @ avg press of 1764 psi w/avg rate of 25 BPM. ISIP 2180 psi. Calc flush: 5570 gal. Actual flush: 5040 gal.
10/16/06	5324-5338'	Frac LODC sands as follows: 74829# 20/40 sand in 575 bbls Lightning 17 frac fluid. Treated @ avg press of 1910 psi w/avg rate of 25 BPM. ISIP 2250 psi. Calc flush: 5322 gal. Actual flush: 4788 gal.
10/16/06	4909-4916'	Frac B1 sands as follows: 24,379# 20/40 sand in 304 bbls Lightning 17 frac fluid. Treated @ avg press of 1930 psi w/avg rate of 24.6 BPM. ISIP 1930 psi. Calc flush: 4907 gal. Actual flush: 4368 gal.
10/16/06	4208-4224'	Frac GB6 sands as follows: 25,861# 20/40 sand in 298 bbls Lightning 17 frac fluid. Treated @ avg press of 1725 psi w/avg rate of 24.9 BPM. ISIP 1775 psi. Calc flush: 4206 gal. Actual flush: 4116 gal.



PERFORATION RECORD

10/16/06	5572-5597'	4 JSPF	100 holes
10/16/06	5324-5338'	4 JSPF	56 holes
10/16/06	4909-4916'	4 JSPF	28 holes
10/16/06	4219-4224'	4 JSPF	20 holes
10/16/06	4208-4213'	4 JSPF	20 holes



FEDERAL 10-17-9-16

2102' FSL & 2117' FEL

NW/SE Section 17-T9S-R16E

Duchesne Co, Utah

API #43-013-33033; Lease #UTU-52018

Federal 11-17-9-16

Spud Date: 08/21/06
 Put on Production: 09/28/06
 K.B.: 6013, G.L.: 6001

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (310.79')
 DEPTH LANDED: 322.64' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 140 jts. (6008.45')
 DEPTH LANDED: 6021.70' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP: 80'

TUBING

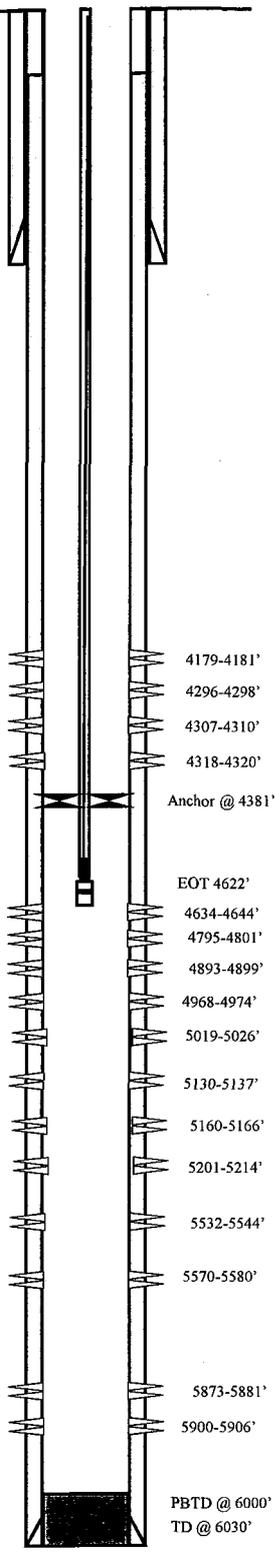
SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 138 jts (4369')
 TUBING ANCHOR: 4381'
 NO. OF JOINTS: 1 jts (31.3')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4415'
 NO. OF JOINTS: 1 jts (31.7')
 GAS ANCHOR: 4448'
 2 7/8" NIPPLE: 4463'
 NO. OF JOINTS: 5 jts (158.7')
 TOTAL STRING LENGTH: EOT @ 4622'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26'
 SUCKER RODS: 1-2', 1-8", x 3/4" pony rods, 75- 7/8" 4 per guided rods, 93-3/4" 4 per guided rods, 6-1 1/2" sinker rods.
 PUMP SIZE: 2 1/2" x 1 3/4" x 16' x 20' RTBC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5

FRAC JOB

09/19/06	5873-5906'	Frac CP5 sands as follows: 30146# 20/40 sand in 375 bbls Lightning 17 frac fluid. Treated @ avg press of 2325 psi w/avg rate of 25.3 BPM. ISIP 2450 psi. Calc flush: 5904 gal. Actual flush: 5376 gal.
09/19/06	5532-5580'	Frac CP1, CP.5 sands as follows: 55661# 20/40 sand in 468 bbls Lightning 17 frac fluid. Treated @ avg press of 1650 psi w/avg rate of 25.3 BPM. ISIP 1975 psi. Calc flush: 5578 gal. Actual flush: 5040 gal.
09/19/06	5130-5214'	Frac LODC sands as follows: 90266# 20/40 sand in 656 bbls Lightning 17 frac fluid. Treated @ avg press of 2135 psi w/avg rate of 25.2 BPM. ISIP 2375 psi. Calc flush: 5212 gal. Actual flush: 4662 gal.
09/20/06	4893-5026'	Frac A1, A.5, B2 sands as follows: 60197# 20/40 sand in 479 bbls Lightning 17 frac fluid. Treated @ avg press of 1950 psi w/avg rate of 25 BPM. ISIP 2200 psi. Calc flush: 5024 gal. Actual flush: 4410 gal.
09/20/06	4761-4801'	Frac B.5, C sands as follows: 50215# 20/40 sand in 423 bbls Lightning 17 frac fluid. Treated @ avg press of 2225 psi w/avg rate of 28.2 BPM. ISIP 2475 psi. Calc flush: 4799 gal. Actual flush: 4284 gal.
09/20/06	4634-4644'	Frac D1 sands as follows: 28453# 20/40 sand in 385 bbls Lightning 17 frac fluid. Treated @ avg press of 2311 psi w/avg rate of 14.4 BPM. ISIP 2900 psi. Calc flush: 4642 gal. Actual flush: 4436 gal.
7/25/07		Pump change. Updated rod & tubing details.
10/09/08		Pump Change. Rod & tubing updated.
10/8/09		Tubing Leak. Updated rod & tubing details.
12/6/10	4179-4320'	Frac PB8 & GB6 sands as follows: 68964# 20/40 sand in 426 bbls Lighting 17 fluid.
12/11/10		Re-Completion finalized – update rod & tbg detail.
1/12/2011		Tubing Leak. Update rod and tubing details
03/04/11		Stuck Pump. Rod & tubing details updated.



PERFORATION RECORD

Date	Depth Range	Tool Joint	Holes
09/13/06	5900-5906'	4 JSPF	24 holes
09/13/06	5873-5881'	4 JSPF	32 holes
09/19/06	5570-5580'	4 JSPF	40 holes
09/19/06	5532-5544'	4 JSPF	48 holes
09/19/06	5201-5214'	4 JSPF	52 holes
09/19/06	5160-5166'	4 JSPF	24 holes
09/19/06	5130-5137'	4 JSPF	28 holes
09/19/06	5019-5026'	4 JSPF	28 holes
09/19/06	4968-4974'	4 JSPF	24 holes
09/19/06	4893-4899'	4 JSPF	24 holes
09/20/06	4795-4801'	4 JSPF	24 holes
09/20/06	4761-4768'	4 JSPF	28 holes
09/20/06	4634-4644'	4 JSPF	40 holes
12/6/10	4318-4320'	3 JSPF	6 holes
12/6/10	4307-4310'	3 JSPF	9 holes
12/6/10	4296-4298'	3 JSPF	6 holes
12/6/10	4179-4181'	3 JSPF	6 holes

NEWFIELD



Federal 11-17-9-16

2022' FSL & 1854' FWL

NE/SW Section 17-T9S-R16E

Duchesne Co, Utah

API #43-013-33034; Lease #UTU-52018

Federal 12-17-9-16

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

Wellbore Diagram

SURFACE CASING

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

Cement top @ 190'

PRODUCTION CASING

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

TUBING

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

SUCKER RODS

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

FRAC JOB

09-13-06 5113-5247' **Frac LODC sands as follows:**
 17441# 20/40 sand in 1154 bbbs Lightning
 17 frac fluid. Treated @ avg press of 1707 psi
 w/avg rate of 24.9 BPM. ISIP 2050 psi. Calc
 flush: 5111 gal. Actual flush: 4620 gal.

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

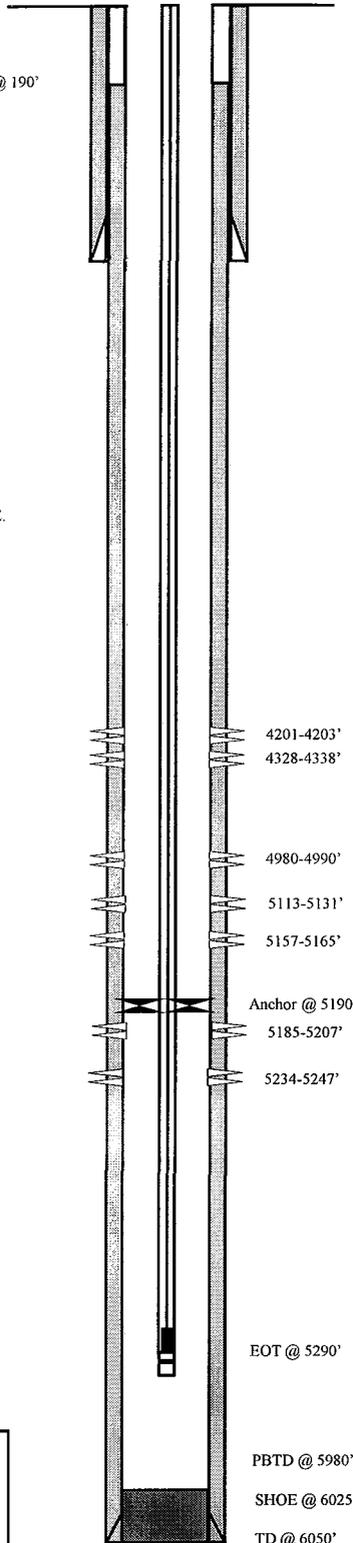
02/19/07 **Pump Change.** Update rod and tubing details.
 03/30/07 **Pump Change.** Rod & Tubing detail updated

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

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

PERFORATION RECORD

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





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

Federal 15-17-9-16

Spud Date: 08/18/06
 Put on Production: 10/13/06
 K.B.: 6000, G.L5988

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (310.18')
 DEPTH LANDED: 322.03' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 136 jts. (5986.81')
 DEPTH LANDED: 6000.06' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP: 60'

TUBING

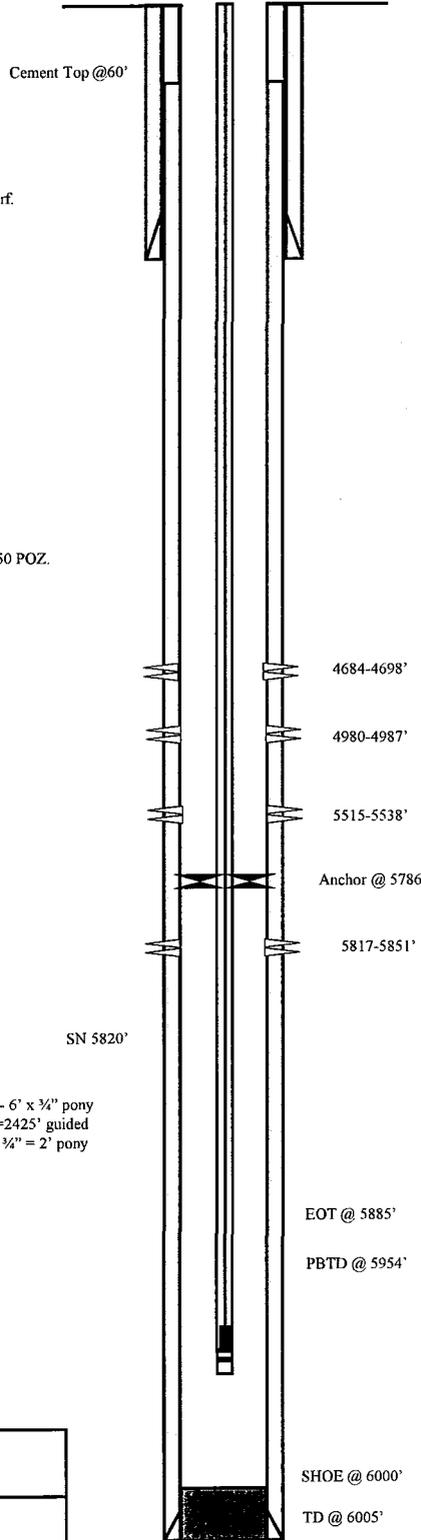
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 183 jts (5785.5')
 TUBING ANCHOR: 5785.5' KB
 NO. OF JOINTS: 1 jts (31.7')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5820.1' KB
 NO. OF JOINTS: 2 jts (63.4')
 TOTAL STRING LENGTH: EOT @ 5885' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-2' x 3/4" pony rods, 1-4' x 3/4" pony rod, 1-6' x 3/4" pony rod, 1-8' x 3/4" pony rod, 98- 3/4" = 2450' guided rods, 97- 3/4" = 2425' guided rods, 30- 3/4" = 750' guided rods, 6- 1 1/2" = 150' weight bars, 1- 3/4" = 2' pony rod.
 PUMP SIZE: 2-1/2" x 1-1/2" x 17'
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 4.5

FRAC JOB

10/10/06	5817-5851'	Frac CP5 sands as follows: 89648# 20/40 sand in 681 bbls Lightning 17 frac fluid. Treated @ avg press of 1910 psi w/avg rate 25.3 BPM. ISIP 2250 psi. Calc flush: 5849 gal. Actual flush: 5309 gal.
10/10/06	5515-5538'	Frac CP1 sands as follows: 60364# 20/40 sand in 493 bbls Lightning 17 frac fluid. Treated @ avg press of 1727 psi w/avg rate of 25.1 BPM. ISIP 2120 psi. Calc flush: 5536 gal. Actual flush: 4998 gal.
10/11/06	4980-4987'	Frac A.5 sands as follows: 29934# 20/40 sand 393 bbls Lightning 17 frac fluid. Treated @ avg press of 2320 psi w/avg rate of 25 BPM. ISIP 2500 psi. Calc flush: 4985 gal. Actual flush: 4473 gal.
10/11/06	4684-4698'	Frac D3 sands as follows: 87753# 20/40 sand in 610 bbls Lightning 17 frac fluid. Treated @ avg press of 1960 psi w/avg rate of 25 BPM. ISIP 2250 psi. Calc flush: 4696 gal. Actual flush: 4578 gal.
11/30/06	Pump Change	Rod & Tubing Detail updated.
05/02/08	Stuck Pump	Tubing detail updated.
3/19/10		Pump change. Updated rod and tubing detail.
11/24/2011		Pump Change. Updated rod & tubing detail.



PERFORATION RECORD

10/05/06	5817-5851'	2 JSPF	68 holes
10/10/06	5515-5538'	4 JSPF	92 holes
10/11/06	4980-4987'	4 JSPF	28 holes
10/11/06	4684-4698'	4 JSPF	56 holes

NEWFIELD

Federal 15-17-9-16

810' FSL & 1961' FEL

SW/SE Section 17-T9S-R16E

Duchesne Co, Utah

API #43-013-33037; Lease #UTU-52018

Federal 3-20-9-16

Spud Date: 5-23-07
 Put on Production: 8-10-07
 GL: 6063' KB: 6075'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (304.72')
 DEPTH LANDED: 316.57' 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: 156 jts. (5962.76')
 DEPTH LANDED: 5976.01' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP AT: 408'

TUBING

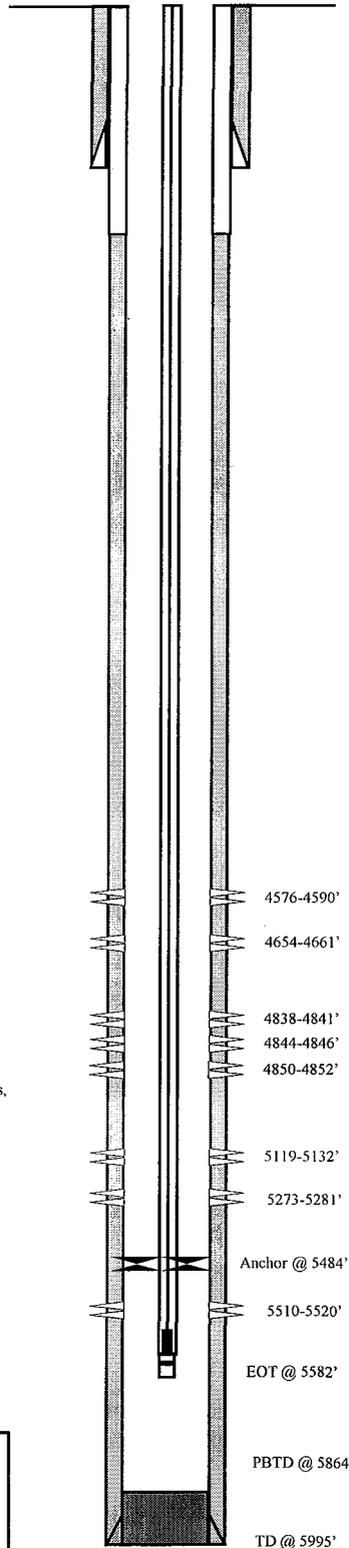
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 174 jts (5472')
 TUBING ANCHOR: 5484' KB
 NO. OF JOINTS: 1 jts (31.4')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5518.2' KB
 NO. OF JOINTS: 2 jts (62.70')
 TOTAL STRING LENGTH: EOT @ 5582' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
 SUCKER RODS: 1-4', 1-6', 1-8' X 3/4" pony rods, 99- 3/4" guided rods, 94- 3/4" sucker rods, 21- 3/4" guided rods, 6-1 1/2" weight rods.
 PUMP SIZE: 2-1/2" x 1-3/4" x 17" x 20' RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM

FRAC JOB

08-07-07	5510-5520'	Frac CPI sands as follows: 28247# 20/40 sand in 420 bbls Lightning 17 frac fluid. Treated @ avg press of 2334 psi w/avg rate of 24.8 BPM. ISIP 2280 psi. Calc flush: 5508 gal. Actual flush: 5040 gal.
08-07-07	5273-5281'	Frac LODC sands as follows: 14530# 20/40 sand in 286 bbls Lightning 17 frac fluid. Treated @ avg press of 2660 psi w/avg rate of 24.8 BPM. ISIP 2050 psi. Calc flush: 5271 gal. Actual flush: 4788 gal.
08-07-07	5119-5132'	Frac LODC sands as follows: 45312# 20/40 sand in 447 bbls Lightning 17 frac fluid. Treated @ avg press of 2162 psi w/avg rate of 26.2 BPM. ISIP 1900 psi. Calc flush: 5117 gal. Actual flush: 4578 gal.
08-07-07	4654-4661'	Frac D2 sand as follows: 25097# 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 1686 w/ avg rate of 24.8 BPM. ISIP 1760 psi. Calc flush: 4652 gal. Actual flush: 4200 gal.
08-07-07	4576-4590'	Frac D1 sand as follows: 77698# 20/40 sand in 604 bbls Lightning 17 frac fluid. Treated @ avg press of 1939 w/ avg rate of 24.8 BPM. ISIP 2122 psi. Calc flush: 4574 gal. Actual flush: 4536 gal.
08/16/07		Pump Change. Rod & Tubing detail updated.
12/30/08		Pump Change. Updated r & t details.
8/20/09		Pump Maintenance. Updated rod & tubing detail.
11-09-10	4838-4852'	Frac B2 sands as follows: 48449# 20/40 sand in 430 bbls Lightning 17 fluid.
11-11-10		Re-Completion - updated details



PERFORATION RECORD

08-01-07	5510-5520'	4 JSPF	40 holes
08-07-07	5273-5281'	4 JSPF	32 holes
08-07-07	5119-5132'	4 JSPF	52 holes
08-07-07	4654-4661'	4 JSPF	28 holes
08-07-07	4576-4590'	4 JSPF	56 holes
11-09-10	4850-4852'	3 JSPF	6 holes
11-09-10	4844-4846'	3 JSPF	6 holes
11-09-10	4838-4841'	3 JSPF	9 holes



Federal 3-20-9-16
 785' FNL & 1826' FEL
 NE/NW Section 20-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33067; Lease # UTU-52018

Federal 1-19-9-16

Spud Date: 7-25-07
 Put on Production: 09-11-07
 GL: 6123' KB: 6135'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (295.87')
 DEPTH LANDED: 306.47' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

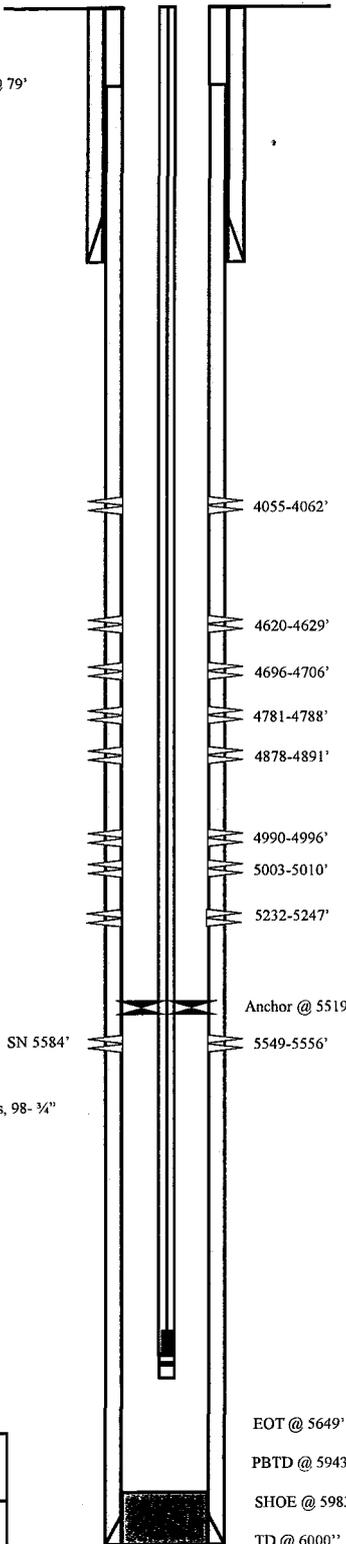
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 154 jts (5969.80')
 DEPTH LANDED: 5983.05' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 79'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 175 jts (5506.57')
 TUBING ANCHOR: 5518.57' KB
 NO. OF JOINTS: 2 jts (62.81')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5584.18' KB
 NO. OF JOINTS: 2 jts (62.98')
 TOTAL STRING LENGTH: EOT @ 5648.71' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
 SUCKER RODS: 1-2', 1-4', & 1-8' x 3/4" pony rods, 98-3/4" guided rods, 98-3/4" slick rods, 20-3/4" guided rods, 6-1/2" weight rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 18' RHAC w/SM plunger
 STROKE LENGTH: 102"
 PUMP SPEED, SPM: 5 SPM



FRAC JOB

Date	Interval	Description
09-05-07	5549-5556'	Frac CPI sands as follows: 15110# 20/40 sand in 296 bbls Lightning 17 frac fluid. Treated @ avg press of 2353 psi w/avg rate of 24.9 BPM. ISIP 2692 psi. Calc flush: 5547 gal. Actual flush: 5040 gal.
09-05-07	5232-5247'	Frac LODC sands as follows: 50233# 20/40 sand in 463 bbls Lightning 17 frac fluid. Treated @ avg press of 2511 psi w/avg rate of 24.8 BPM. ISIP 2464 psi. Calc flush: 5230 gal. Actual flush: 4746 gal.
09-05-07	4990-5010'	Frac A1 sands as follows: 20077# 20/40 sand in 311 bbls Lightning 17 frac fluid. Treated @ avg press of 2085 psi w/avg rate of 24.7 BPM. ISIP 2373 psi. Calc flush: 4988 gal. Actual flush: 4536 gal.
09-05-07	4878-4891'	Frac B2 sand as follows: 49985# 20/40 sand in 456 bbls Lightning 17 frac fluid. Treated @ avg press of 1957 w/ avg rate of 24.8 BPM. ISIP 2153 psi. Calc flush: 4876 gal. Actual flush: 4410 gal.
09-06-07	4781-4788'	Frac C sand as follows: 19649# 20/40 sand in 311 bbls Lightning 17 frac fluid. Treated @ avg press of 2398 w/ avg rate of 24.7 BPM. ISIP 2579 psi. Calc flush: 4779 gal. Actual flush: 4326 gal.
09-06-07	4696-4706'	Frac D2 sand as follows: 40012# 20/40 sand in 408 bbls Lightning 17 frac fluid. Treated @ avg press of 1750 w/ avg rate of 24.8 BPM. ISIP 2092 psi. Calc flush: 4694 gal. Actual flush: 4242 gal.
09-06-07	4620-4629'	Frac D1 sand as follows: 30099# 20/40 sand in 389 bbls Lightning 17 frac fluid. Treated @ avg press of 1725 w/ avg rate of 24.8 BPM. ISIP 2003 psi. Calc flush: 4618 gal. Actual flush: 4074 gal.
09-06-07	4055-4062'	Frac GB2 sand as follows: 22242# 20/40 sand in 321 bbls Lightning 17 frac fluid. Treated @ avg press of 1516 w/ avg rate of 24.8 BPM. ISIP 1371 psi. Calc flush: 4053 gal. Actual flush: 3948 gal.

PERFORATION RECORD

Date	Interval	SPF	Holes
08-29-07	5549-5556'	4 JSPF	28 holes
09-05-07	5232-5247'	4 JSPF	60 holes
09-05-07	5003-5010'	4 JSPF	28 holes
09-05-07	4990-4996'	4 JSPF	24 holes
09-05-07	4878-4891'	4 JSPF	52 holes
09-05-07	4781-4788'	4 JSPF	28 holes
09-06-07	4696-4706'	4 JSPF	40 holes
09-06-07	4620-4629'	4 JSPF	36 holes
09-06-07	4055-4062'	4 JSPF	28 holes

NEWFIELD

Federal 1-19-9-16

688' FNL & 355' FEL

NE/NE Section 19-T9S-R16E

Duchesne Co, Utah

API # 43-013-33062; Lease # UTU-64379

FED. 9-18-9-16

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

Wellbore Diagram

SURFACE CASING

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

PRODUCTION CASING

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

TUBING

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

SUCKER RODS

POLISHED ROD: 1 1/2" X 26' polished rod
 SUCKER RODS: 1-6" X 3/4" pony rod, 99-3/4"=2475' guided rods, 62-3/4"=1550' sucker rods, 50-3/4"=1250' guided rods, 6-1 1/2"=150' weight rods, 1-1"=2.5' sinker bar.
 PUMP SIZE: CDI 2 1/2"x1 1/2"x 12"x 16" RHAC pump
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5

FRAC JOB

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

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

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

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

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

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

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

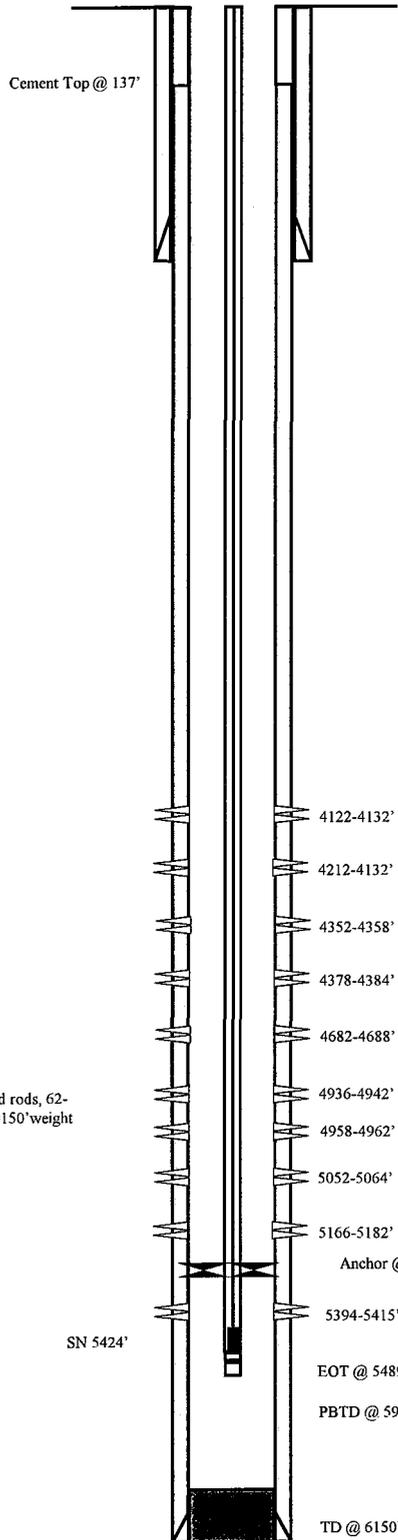
8/25/08 4212-4226' **RU BJ & frac stage #5 as follows:**
 40,033#'s of 20/40 sand in 391 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1474 w/ ave rate of 23 bpm w/ 8 ppg of sand. ISIP was 1715.

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

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

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

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



PERFORATION RECORD

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

NEWFIELD

FED. 9-18-9-16

2054' FSL & 470' FEL

NE/SE Section 18-T9S-R16E

Duchesne Co, Utah

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

FEDERAL 10-18-9-16

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

Wellbore Diagram

SURFACE CASING

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

PRODUCTION CASING

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

TUBING

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

SUCKER RODS

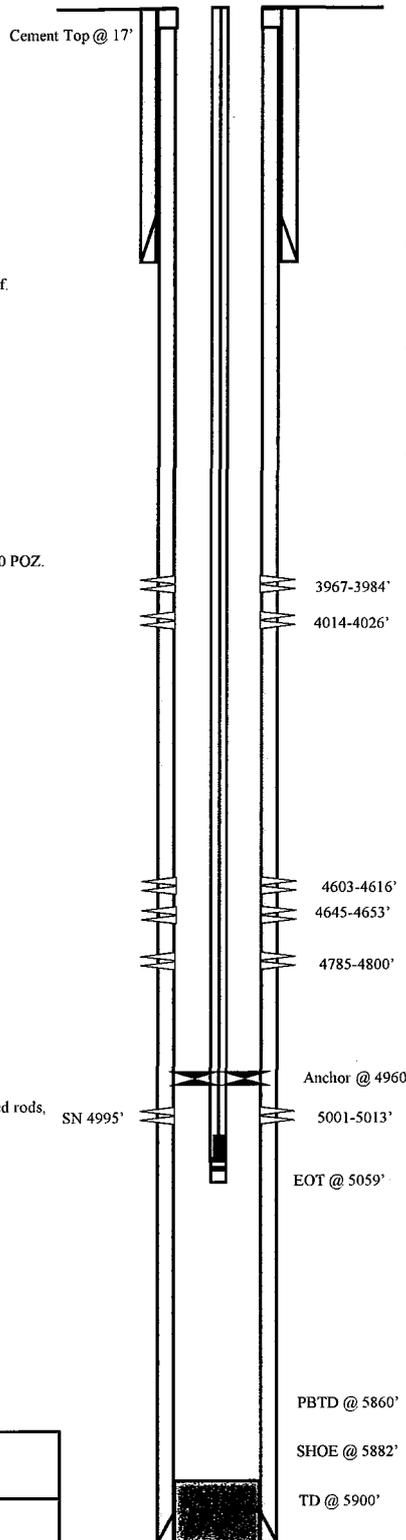
POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 1-2, 1-4', 1-6' x 3/4" pony rods, 99-3/4" guided rods, 74-3/4" sucker rods, 20-3/4" guided rods, 6-1 1/2" weight rods.
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 20' X 20' RHAC
 STROKE LENGTH: 102"
 PUMP SPEED, 5 SPM:

FRAC JOB

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

PERFORATION RECORD

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



NEWFIELD

FEDERAL 10-18-9-16

1988'FSL & 1938' FEL

NW/SE Section 18-T9S-R16E

Duchesne Co, Utah

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

Monument Fed. #24-17-9-16

Spud Date: 7/18/1996
 Put on Production: 8/30/1996
 GL: 6008' KB: 6018'

Initial Production: 20 BOPD,
 NM MCFD, 5 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 268.95'
 DEPTH LANDED: 279.95'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

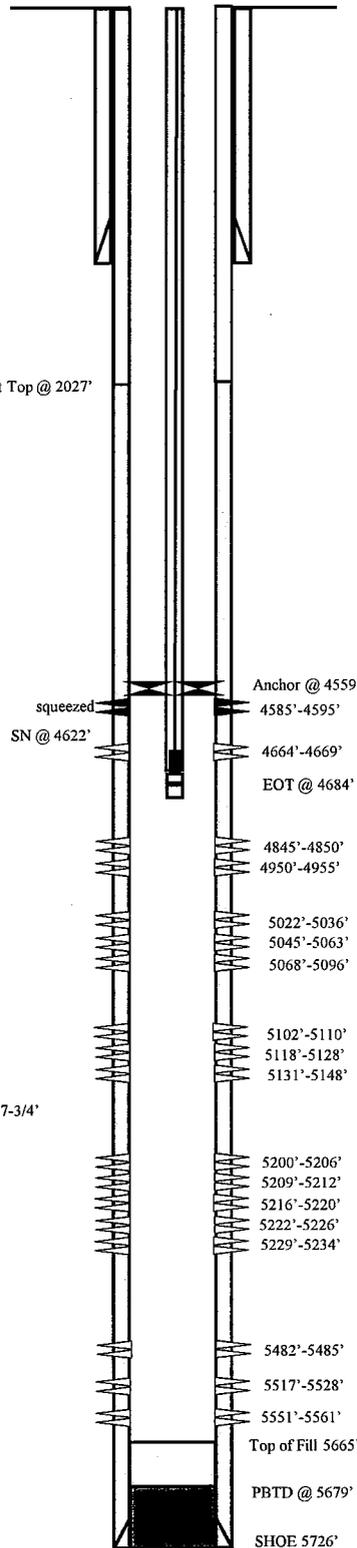
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5716.51'
 DEPTH LANDED: 5726.51'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 150 sxs Super "G" & 310 sxs 50/50 POZ.
 CEMENT TOP AT: 2027' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
 NO. OF JOINTS: 145 jts. 4549.45'
 TUBING ANCHOR: 4559.45'
 NO. OF JOINTS: 2 jt. (60.20')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4622.45' KB
 NO. OF JOINTS: 1 jt. (60.19')
 TOTAL STRING LENGTH: EOT @ 4684.19'

SUCKER RODS

POLISHED ROD: 1-1/4" x 22' SM
 SUCKER RODS: 1 1/4" x 22' polished rods, 1-2', 2-6' x 3/4" pony rods, 177-3/4" guided rods, 6-1 1/2" wt bars
 PUMP SIZE: 2 1/2" x 1 1/2" x 15' RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 4 SPM



FRAC JOB

8/13/96	5200'-5234'	Frac LODC as follows: 29,908# 20/40 sand + 67,270# 16/30 sand in 703 bbls frac fluid. Treated @ avg press of 2300 psi w/avg rate of 19.4 BPM. ISIP 2650 psi. Calc. flush: 5200 gal. Actual flush: 5166 gal.
8/16/96	4845'-4955'	Frac A & B sands as follows: 44,700# 16/30 sand in 396 bbls frac fluid. Treated @ avg press of 2650 psi w/avg rate of 30.4 BPM. ISIP 2150 psi. Calc. flush: 4845 gal. Actual flush: 4788 gal.
8/16/96	4664'-4669'	Frac D-2 as follows: 21,800# 16/30 sand in 264 bbls frac fluid. Treated @ avg press of 2350 psi w/avg rate of 25.8 BPM. ISIP 1950 psi. Calc. flush: 4664 gal. Actual flush: 4620 gal.
6/06/98	5482'-5562'	Frac CP as follows: 102,300# 20/40 sand 334 bbls Viking I-25 frac fluid. Treated @ avg press of 6825 psi w/avg rate of 28.4 BPM. ISIP 2000 psi. Calc. Flush: 5482 gal. Actual flush: 1344 gal.
6/09/98	5032'-5140'	Frac LODC as follows: 95,500# 20/40 sand 324 bbls Viking I-25 frac fluid. Treated @ avg press of 5520 psi w/avg rate of 27.5 BPM. ISIP 1540 psi. Calc. Flush: 5032 gal. Actual flush: 1218 gal.
6/11/98	4585'-4595'	Frac D-1 as follows: 117,110# 20/40 sand in 594 bbls Viking I-25 frac fluid. Treated @ avg press of 2415 psi w/avg rate of 30 BPM. ISIP 2150 psi. Calc. Flush: 4585 gal. Actual flush: 4494 gal.
7/15/98		Squeeze 5032'-5140' w/ 90 sxs Class "G".
01/08/03	5022'-5148'	Frac UPLODC sands follows: 247,818 # 20/40 sand in 1544 bbls Viking I-25 fluid. Treated @ avg press of 3810 psi w/avg rate of 19.7 BPM. ISIP 2250 psi. Calc. Flush: 1291 gal. Actual flush: 1176 gal.
6/04/04		Pump Change.
10/25/04		Tubing Leak. Update rod and tubing details.
12/30/04		Tubing Leak. Update rod details.
1/24/05		Pump change. Update rod and tubing details.
08/16/05		Tubing Leak. Update rod and tubing details.
03/09/06		Parted Rods. Update rod and tubing details.

PERFORATION RECORD

8/12/96	5200'-5206'	4 SPF	24 holes
8/12/96	5209'-5212'	4 SPF	12 holes
8/12/96	5216'-5220'	4 SPF	16 holes
8/12/96	5222'-5226'	4 SPF	16 holes
8/12/96	5229'-5234'	4 SPF	20 holes
8/15/96	4845'-4850'		08 holes
8/15/96	4950'-4955'		06 holes
8/16/96	4664'-4669'	4 SPF	20 holes
6/05/98	5482'-5485'	4 SPF	12 holes
6/05/98	5517'-5528'	4 SPF	44 holes
6/05/98	5551'-5561'	4 SPF	40 holes
6/08/98	5032'-5035'	2 SPF	06 holes
6/08/98	5047'-5062'	2 SPF	30 holes
6/08/98	5069'-5076'	2 SPF	14 holes
6/08/98	5083'-5095'	2 SPF	24 holes
6/08/98	5121'-5126'	2 SPF	10 holes
6/08/98	5131'-5140'	2 SPF	18 holes
6/10/98	4585'-4595'	4 SPF	40 holes (sqzd)
1/06/03	5022'-5036'	4 SPF	128 holes (reperf)
1/06/03	5045'-5063'	4 SPF	128 holes (reperf)
1/06/03	5068'-5096'	4 SPF	112 holes (reperf)
1/06/03	5102'-5110'	4 SPF	32 holes
1/06/03	5118'-5128'	4 SPF	108 holes (reperf)
1/06/03	5131'-5148'	4 SPF	108 holes (reperf)

NEWFIELD

Monument Fed. #24-17-9-16
 660' FSL & 1980' FWL
 SESW Section 17-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31682; Lease #U-52018

West Point #5-17-9-16

Spud Date: 12/10/2001
 Put on Injection: 7/30/2003
 GL: 5984' KB: 5994'

Initial Production: 63 BOPD,
 115 MCFD, 21 BWPD

Injection Well Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (302.04')
 DEPTH LANDED: 310.04' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 145 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 131 jts. (5849.11')
 DEPTH LANDED: 5846.71' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 210' per CBL

TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#
 NO. OF JOINTS: 126 jts (4103.08')
 SEATING NIPPLE: 2 7/8" (1.10')
 SN LANDED AT: 4113.08' KB
 PACKER: 4117.48'
 TOTAL STRING LENGTH: EOT @ 4121.53' KB

FRAC JOB

7/22/02 5067'-5277' **Frac A1, A3, LODC sands as follows:**
 158,285# 20/40 sand in 1062 bbls Viking I-25 fluid. Treated @ avg press of 1650 psi w/avg rate of 28 BPM. ISIP 2040 psi. Calc flush: 5067 gal. Actual flush: 4998 gal.

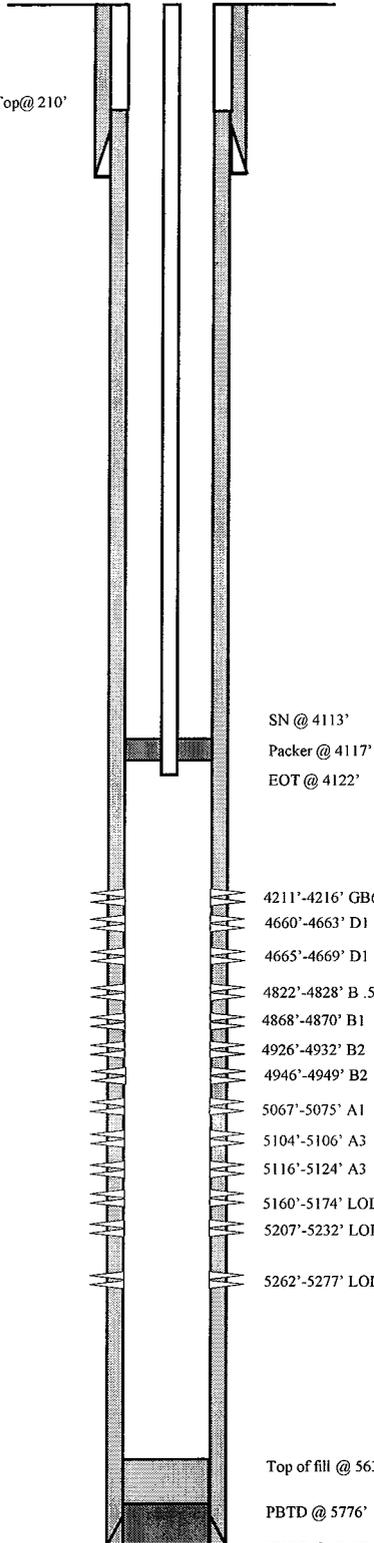
7/22/02 4822'-4949' **Frac B0.5, B1, B2 sands as follows:**
 59,431# 20/40 sand in 474 bbls Viking I-25 fluid. Treated @ avg press of 2100 psi w/avg rate of 27 BPM. ISIP 2010 psi. Calc flush: 4822 gal. Actual flush: 4725 gal.

7/22/02 4660'-4669' **Frac D1 sand as follows:**
 19,371# 20/40 sand in 237 bbls Viking I-25 fluid. Treated @ avg press of 2250 psi w/avg rate of 27 BPM. ISIP 1910 psi. Calc flush: 4660 gal. Actual flush: 4578 gal.

7/22/02 4211'-4216' **Frac GB6 sands as follows:**
 19,416# 20/40 sand in 173 bbls Viking I-25 fluid. Treated @ avg press of 2800 psi w/avg rate of 24.5 BPM. Screened out w/ 7623# sand in formation and 11,793# sand in casing. Calc flush: 4211 gal. Actual flush: 1911 gal. ISIP - NA.

7/30/03
 6/25/08
 Converted to Water Injector.
5 Year MIT completed and submitted.

Cement Top @ 210'



SN @ 4113'
 Packer @ 4117'
 EOT @ 4122'

4211'-4216' GB6
 4660'-4663' D1
 4665'-4669' D1
 4822'-4828' B .5
 4868'-4870' B1
 4926'-4932' B2
 4946'-4949' B2
 5067'-5075' A1
 5104'-5106' A3
 5116'-5124' A3
 5160'-5174' LODC
 5207'-5232' LODC
 5262'-5277' LODC

Top of fill @ 5637'
 PBTD @ 5776'
 SHOE @ 5847'
 TD @ 5851'

PERFORATION RECORD

7/19/02	5262'-5277'	4 JSPF	60 holes
7/19/02	5207'-5232'	4 JSPF	100 holes
7/19/02	5160'-5174'	4 JSPF	56 holes
7/19/02	5116'-5124'	4 JSPF	32 holes
7/19/02	5104'-5106'	4 JSPF	08 holes
7/19/02	5067'-5075'	4 JSPF	32 holes
7/22/02	4946'-4949'	4 JSPF	12 holes
7/22/02	4926'-4932'	4 JSPF	24 holes
7/22/02	4868'-4870'	4 JSPF	08 holes
7/22/02	4822'-4828'	4 JSPF	24 holes
7/22/02	4665'-4669'	4 JSPF	16 holes
7/22/02	4660'-4663'	4 JSPF	12 holes
7/22/02	4211'-4216'	4 JSPF	20 holes



West Point #5-17-9-16
 1845' FNL & 850' FWL
 SWNW Section 17-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32281; Lease #UTU-74390

FEDERAL 16-18-9-16

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

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

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

PRODUCTION CASING

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

TUBING

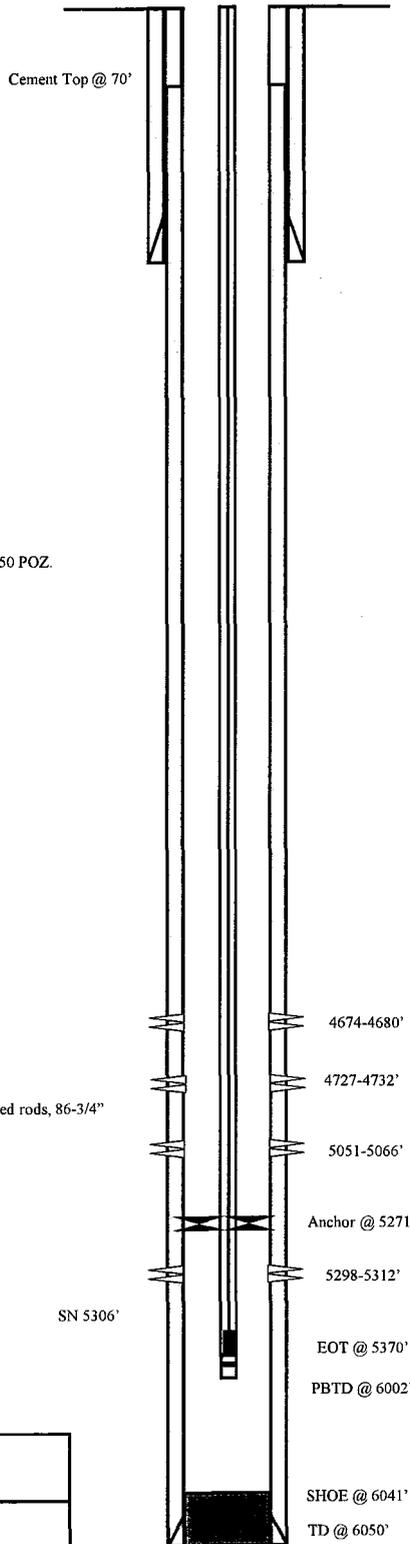
SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 167 jts (5259.32')
 TUBING ANCHOR: 5271.32' KB
 NO. OF JOINTS: 1 jts (31.54')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5305.66' KB
 NO. OF JOINTS: 2 jts (62.65')
 TOTAL STRING LENGTH: EOT @ 5369.86' KB

SUCKER RODS

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

FRAC JOB

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



PERFORATION RECORD

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



FEDERAL 16-18-9-16
 964'FSL & 297' FEL
 SE/SE Section 18-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32922; Lease # UTU-64379

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**

Sales Rep: **Darren Betts**

Well Name: **SWDIF**

Lab Tech: **John Keel**

Sample Point: **Comingled**

Sample Date: **1/16/2012**

Sample ID: **WA-205549**

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:	1/16/2012	Sodium (Na):	3090.28	Chloride (Cl):	4200.00
System Temperature 1 (°F):	300.00	Potassium (K):	12.90	Sulfate (SO4):	67.00
System Pressure 1 (psig):	1300.00	Magnesium (Mg):	7.00	Bicarbonate (HCO3):	1024.80
System Temperature 2 (°F):	70.00	Calcium (Ca):	22.40	Carbonate (CO3):	0.00
System Pressure 2 (psig):	14.70	Strontium (Sr):		Acetic Acid (CH3COO)	0.00
Calculated Density (g/ml):	1.00	Barium (Ba):	9.20	Propionic Acid (C2H5COO)	0.00
pH:	6.40	Iron (Fe):	1.70	Butanoic Acid (C3H7COO)	0.00
Calculated TDS (mg/L):	8436.08	Zinc (Zn):	0.40	Isobutyric Acid ((CH3)2CHCOO)	0.00
CO2 in Gas (%):	0.00	Lead (Pb):	0.30	Fluoride (F):	
Dissolved CO2 (mg/L):	99.00	Ammonia NH3:		Bromine (Br):	
H2S in Gas (%):		Manganese (Mn):	0.10	Silica (SiO2):	
H2S in Water (mg/L):	30.00				

Notes:

P=.6

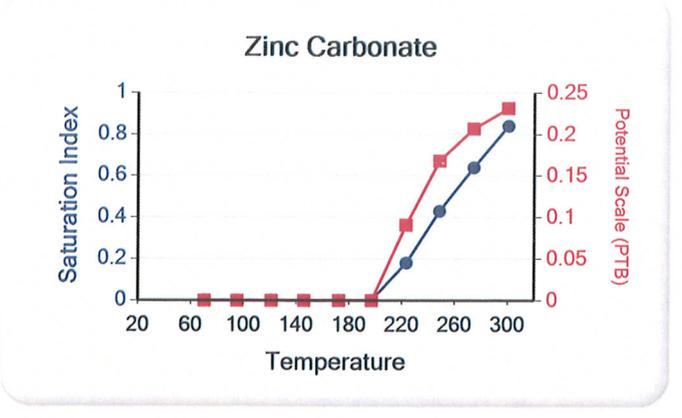
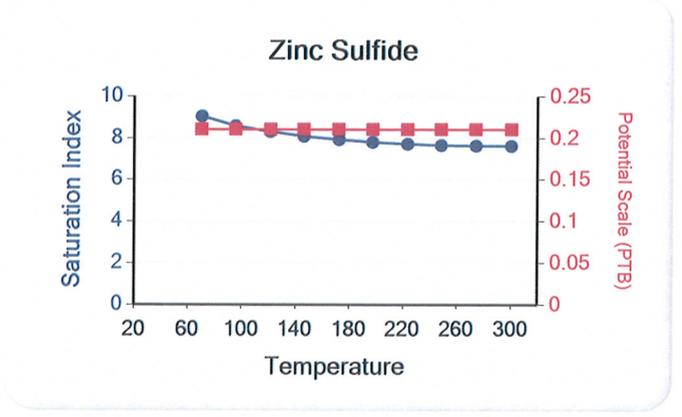
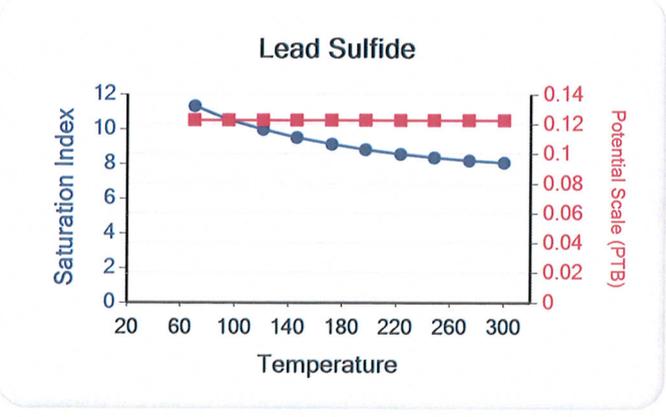
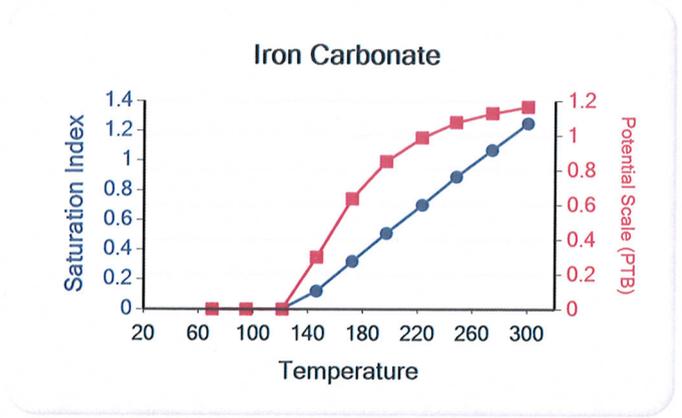
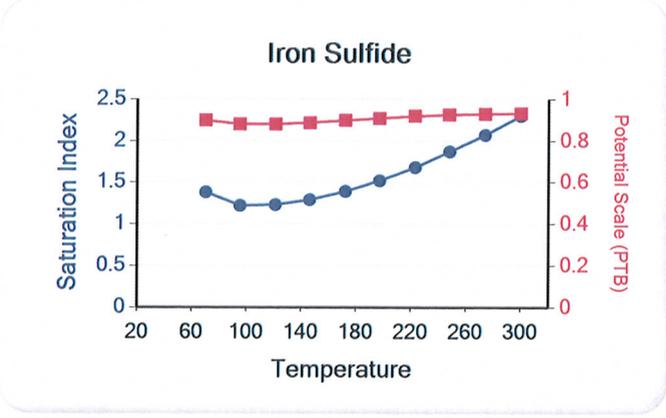
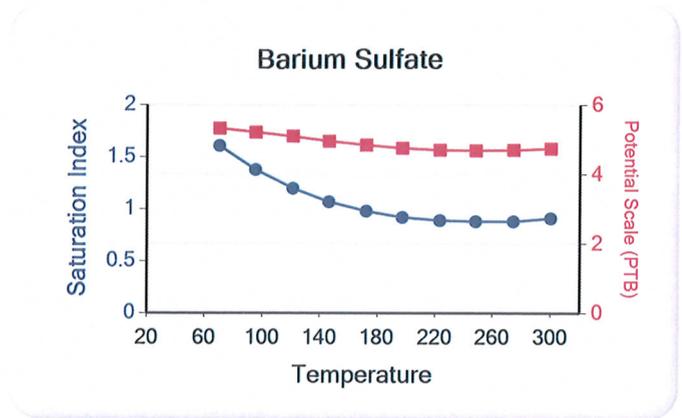
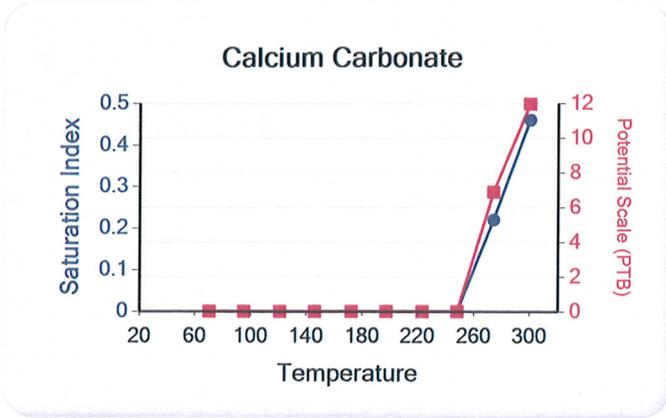
(PTB = Pounds per Thousand Barrels)

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	0.00	0.00	1.61	5.33	1.38	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.04	0.21
95	157	0.00	0.00	1.38	5.23	1.22	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.58	0.21
121	300	0.00	0.00	1.20	5.10	1.23	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.30	0.21
146	443	0.00	0.00	1.07	4.97	1.29	0.89	0.12	0.30	0.00	0.00	0.00	0.00	0.00	0.00	8.08	0.21
172	585	0.00	0.00	0.98	4.85	1.39	0.90	0.32	0.64	0.00	0.00	0.00	0.00	0.00	0.00	7.92	0.21
197	728	0.00	0.00	0.92	4.76	1.52	0.91	0.51	0.85	0.00	0.00	0.00	0.00	0.00	0.00	7.80	0.21
223	871	0.00	0.00	0.89	4.70	1.68	0.92	0.70	0.99	0.00	0.00	0.00	0.00	0.00	0.00	7.71	0.21
248	1014	0.00	0.00	0.88	4.69	1.87	0.93	0.89	1.08	0.00	0.00	0.00	0.00	0.00	0.00	7.65	0.21
274	1157	0.22	6.88	0.88	4.70	2.07	0.93	1.07	1.13	0.00	0.00	0.00	0.00	0.00	0.00	7.63	0.21
300	1300	0.46	11.97	0.91	4.74	2.30	0.93	1.25	1.17	0.00	0.00	0.00	0.00	0.00	0.00	7.62	0.21

Temp (°F)	PSI	Hemihydrate CaSO4~0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.32	0.12	0.00	0.00	0.00	0.00	0.00	0.00
95	157	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.53	0.12	0.00	0.00	0.00	0.00	0.00	0.00
121	300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.97	0.12	0.00	0.00	0.00	0.00	0.00	0.00
146	443	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.51	0.12	0.00	0.00	0.00	0.00	0.00	0.00
172	585	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.13	0.12	0.00	0.00	0.00	0.00	0.00	0.00
197	728	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.82	0.12	0.00	0.00	0.00	0.00	0.00	0.00
223	871	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.09	8.56	0.12	0.00	0.00	0.00	0.00	0.00	0.00
248	1014	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.17	8.36	0.12	0.00	0.00	0.00	0.00	0.00	0.00
274	1157	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.21	8.19	0.12	0.00	0.00	0.00	0.00	0.00	0.00
300	1300	0.00	0.00	0.00	0.00	0.00	0.00	0.84	0.23	8.07	0.12	0.00	0.00	0.00	0.00	0.00	0.00

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

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



Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

ATTACHMENT F
2 of 5

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Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
Well Name: **FEDERAL 13-17-9-16**
Sample Point: **Treater**
Sample Date: **12/14/2011**
Sample ID: **WA-204727**

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:	12/14/2011	Sodium (Na):	7790.94	Chloride (Cl):	11300.00
System Temperature 1 (°F):	300.00	Potassium (K):	0.00	Sulfate (SO4):	5.00
System Pressure 1 (psig):	3000.00	Magnesium (Mg):	4.40	Bicarbonate (HCO3):	1659.20
System Temperature 2 (°F):	70.00	Calcium (Ca):	9.30	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):	6.60	Propionic Acid (C2H5COO)	0.00
pH:	9.10	Iron (Fe):	172.00	Butanoic Acid (C3H7COO)	0.00
Calculated TDS (mg/L):	20949.07	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):	1.63	Silica (SiO2):	0.00
H2S in Water (mg/L):	0.50				

Notes:
P=0.38mg/l

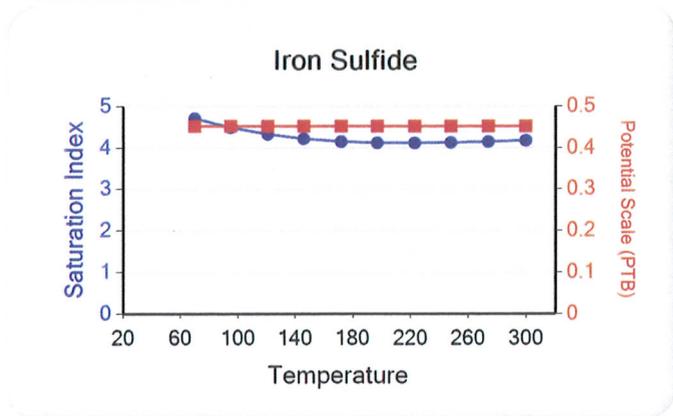
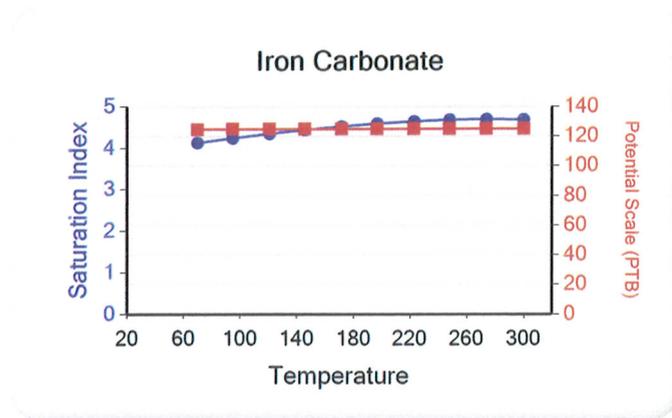
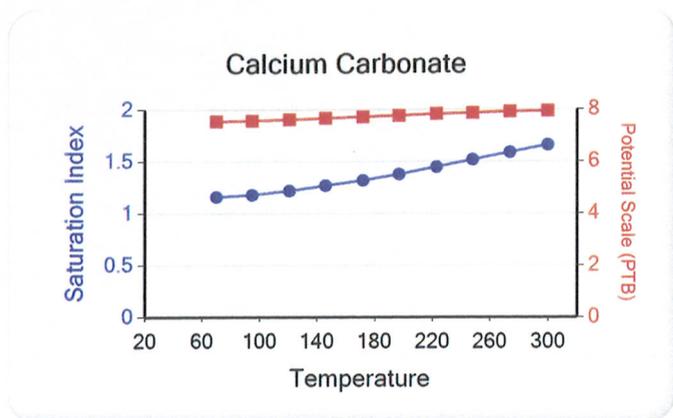
(PTB = Pounds per Thousand Barrels)

Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	1.16	7.55	0.00	0.00	4.71	0.45	4.14	125.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	346	1.18	7.58	0.00	0.00	4.49	0.45	4.25	125.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	678	1.22	7.63	0.00	0.00	4.33	0.45	4.36	125.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	1.27	7.68	0.00	0.00	4.22	0.45	4.45	125.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	1.32	7.74	0.00	0.00	4.15	0.45	4.53	125.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	1.38	7.79	0.00	0.00	4.12	0.45	4.60	125.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	1.45	7.84	0.00	0.00	4.12	0.45	4.65	125.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	1.52	7.89	0.00	0.00	4.13	0.45	4.69	125.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	1.59	7.92	0.00	0.00	4.15	0.45	4.70	125.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	1.66	7.95	0.00	0.00	4.18	0.45	4.69	125.07	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

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



Attachment "G"

**Federal #13-17-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5052	5066	5059	2050	0.84	2017
4829	4886	4858	2250	0.90	2219
4610	4699	4655	1800	0.82	1770
4086	4094	4090	1640	0.83	1613
				Minimum	<u><u>1613</u></u> ←

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

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

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



DAILY COMPLETION REPORT

WELL NAME: Federal 13-17-9-16 Report Date: 9-2-06 Day: 01
Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 322' Prod Csg: 5-1/2" @ 5982' Csg PBD: 5913'WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBD:

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Row 1: A3 sds, 5052-5066', 4/56

CHRONOLOGICAL OPERATIONS

Date Work Performed: 01-Sep-06 SITP: SICP: 0

Instal 5M frac head. NU 6" 5M 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 @ 5913' & cement top @ 190'. Perforate stage #1, A3 sds @ 5052-5066' w/ 4" Port guns (19 gram, .46"HE. 120) w/ 4 spf for total of 56 shots. 141 bbls EWTR. SIFN.

FLUID RECOVERY (BBLs)

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

STIMULATION DETAIL

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

COSTS

Table with 2 columns: Item, Cost. Items include Weatherford BOP (\$1,140), NPC NU crew (\$300), NDSI trucking (\$800), Perforators LLC (\$6,168), Drilling cost (\$295,462), Zubiata Hot Oil (\$525), Location preparation (\$300), NPC wellhead (\$1,500), Benco - anchors (\$1,200), Admin. Overhead (\$3,000), NPC Supervisor (\$300)

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

Completion Supervisor: Ron Shuck

DAILY COST: \$310,695
TOTAL WELL COST: \$310,695



2058

DAILY COMPLETION REPORT

WELL NAME: Federal 13-17-9-16 **Report Date:** Sept 9, 2006 **Day:** 2a
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 322' **Prod Csg:** 5-1/2" @ 5982' **Csg PBD:** 5913'WL
Tbg: Size: _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBD:** _____

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
A3 sds	5052-5066'	4/56			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 08-Sep-06 **SITP:** _____ **SICP:** 775 psi

Day 2a.
 RU BJ Services. 775 psi on well. Frac A3 sds w/ 53,799#'s of 20/40 sand in 457 bbls of Lightning 17 fluid. Broke @ 1540 psi Treated w/ ave pressure of 1879 psi @ ave rate of 24.8 BPM. ISIP 2050 psi. Leave pressure on well. 598 BWTR. See Day 2b.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 141 **Starting oil rec to date:** _____
Fluid lost/recovered today: 457 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 598 **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 sands

- 4400 gals of pad
- 2944 gals W/ 1-5 ppg of 20/40 sand
- 5872 gals W/ 5-8 ppg of 20/40 sand
- 938 gals W/ 8 ppg of 20/40 sand
- Flush W/ 504 gals of 15% HCL acid
- Flush W/ 4536 gals of slick water

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

Max TP: 2141 **Max Rate:** 25.3 BPM **Total fluid pmpd:** 457 bbls
Avg TP: 1879 **Avg Rate:** 24.8 BPM **Total Prop pmpd:** 53,799#'s
ISIP: 2050 **5 min:** _____ **10 min:** _____ **FG:** .84

Completion Supervisor: Orson Barney

COSTS

BJ Services-A3	\$26,749
NPC frac wtr	\$994
NPC fuel gas	\$173
Weatherford tools/serv	\$950
NPC trucking	\$300
NPC Supervisor	\$75

DAILY COST: \$29,241
TOTAL WELL COST: \$339,936



3 of 8

DAILY COMPLETION REPORT

WELL NAME: Federal 13-17-9-16 **Report Date:** Sept 9, 2006 **Day:** 2b
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 322' **Prod Csg:** 5-1/2" @ 5982' **Csg PBTD:** 5913'WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** 4990'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<u>B1 sds</u>	<u>4829-4835'</u>	<u>4/24</u>			
<u>B2 sds</u>	<u>4868-4886'</u>	<u>4/72</u>			
<u>A3 sds</u>	<u>5052-5066'</u>	<u>4/56</u>			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 08-Sep-06 **SITP:** _____ **SICP:** 1135 psi

Day 2b.

RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug, 6' & 18' perf gun Set plug @ 4990'. Perforate B2 sds @ 4868- 86", B1 sds 4829- 35' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 SPF for total of 96 shots (2 runs). RU BJ Services. 1135 psi on well. Frac B1 & B2 sds w/ 84,971#'s of 20/40 sand ir 616 bbls of Lightning 17 fluid. Broke @ 4206 psi Treated w/ ave pressure of 1856 psi @ ave rate of 24.9 BPM. ISIF 2250 psi. Leave pressure on well. 1214 BWTR. See Day 2c.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 598 **Starting oil rec to date:** _____
Fluid lost/recovered today: 616 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1214 **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: B1 & B2 sands

- 6400 gals of pad
- 4319 gals W/ 1-5 ppg of 20/40 sand
- 8622 gals W/ 5-8 ppg of 20/40 sand
- 1701 gals W/ 8 ppg of 20/40 sand
- Flush W/ 504 gals of 15% HCL acid
- Flush W/ 4326 gals of slick water

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

Max TP: 2134 **Max Rate:** 25.5 BPM **Total fluid pmpd:** 616 bbls
Avg TP: 1856 **Avg Rate:** 24.9 BPM **Total Prop pmpd:** 84,971#'s
ISIP: 2250 **5 min:** _____ **10 min:** _____ **FG:** .90

Completion Supervisor: Orson Barney

COSTS

<u>BJ Services-B1/B2</u>	<u>\$24,686</u>
<u>NPC frac wtr</u>	<u>\$1,556</u>
<u>NPC fuel gas</u>	<u>\$270</u>
<u>Weatherford tools/serv</u>	<u>\$2,450</u>
<u>Lone Wolf WL</u>	<u>\$5,666</u>
<u>NPC Supervisor</u>	<u>\$75</u>

DAILY COST: \$34,703
TOTAL WELL COST: \$374,639



4 of 8

DAILY COMPLETION REPORT

WELL NAME: Federal 13-17-9-16 **Report Date:** Sept 9, 2006 **Day:** 2c
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 322' **Prod Csg:** 5-1/2" @ 5982' **Csg PBTD:** 5913'WL
Tbg: Size: _____ Wt: _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** 4755'
BP: 4990'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<u>D1 sds</u>	<u>4610-4618'</u>	<u>4/32</u>	_____	_____	_____
<u>D2 sds</u>	<u>4685-4699'</u>	<u>4/56</u>	_____	_____	_____
<u>B1 sds</u>	<u>4829-4835'</u>	<u>4/24</u>	_____	_____	_____
<u>B2 sds</u>	<u>4868-4886'</u>	<u>4/72</u>	_____	_____	_____
<u>A3 sds</u>	<u>5052-5066'</u>	<u>4/56</u>	_____	_____	_____

CHRONOLOGICAL OPERATIONS

Date Work Performed: 08-Sep-06 **SITP:** _____ **SICP:** 1435 psi

Day 2c.

RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug, 8' & 14' perf gun Set plug @ 4775'. Perforate D2 sds @ 4685- 99', D1 sds 4610- 18' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 SPF for total of 88 shots (2 runs). RU BJ Services. 1435 psi on well. Frac D1 & D2 sds w/ 70,145#'s of 20/40 sand ir 528 bbls of Lightning 17 fluid. Broke @ 4060 psi Treated w/ ave pressure of 1827 psi @ ave rate of 24.8 BPM. ISIF 1800 psi. Leave pressure on well. 1742 BWTR. See Day 2d.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1214 **Starting oil rec to date:** _____
Fluid lost/recovered today: 528 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1742 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services
Procedure or Equipment detail: D1 & D2 sands

- _____ 5400 gals of pad
- _____ 3625 gals W/ 1-5 ppg of 20/40 sand
- _____ 7250 gals W/ 5-8 ppg of 20/40 sand
- _____ 1365 gals W/ 8 ppg of 20/40 sand
- _____ Flush W/ 504 gals of 15% HCL acid
- _____ Flush W/ 4032 gals of slick water

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

Max TP: 2165 **Max Rate:** 25.6 BPM **Total fluid pmpd:** 528 bbls
Avg TP: 1827 **Avg Rate:** 24.8 BPM **Total Prop pmpd:** 70,145#'s
ISIP: 1800 **5 min:** _____ **10 min:** _____ **FG:** .82

Completion Supervisor: Orson Barney

COSTS

BJ Services-D1/D2	\$21,458
NPC frac wtr	\$1,253
NPC fuel gas	\$218
Weatherford tools/serv	\$2,450
Lone Wolf WL	\$5,194
NPC Supervisor	\$75

DAILY COST: \$30,648
TOTAL WELL COST: \$405,287



DAILY COMPLETION REPORT

WELL NAME: Federal 13-17-9-16 **Report Date:** Sept 9, 2006 **Day:** 2d
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 322' **Prod Csg:** 5-1/2" @ 5982' **Csg PBD:** 5913'WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBD:** 4200'
BP: 4755', 4990'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<u>GB4 sds</u>	<u>4086-4094'</u>	<u>4/32</u>	_____	_____	_____
<u>D1 sds</u>	<u>4610-4618'</u>	<u>4/32</u>	_____	_____	_____
<u>D2 sds</u>	<u>4685-4699'</u>	<u>4/56</u>	_____	_____	_____
<u>B1 sds</u>	<u>4829-4835'</u>	<u>4/24</u>	_____	_____	_____
<u>B2 sds</u>	<u>4868-4886'</u>	<u>4/72</u>	_____	_____	_____
<u>A3 sds</u>	<u>5052-5066'</u>	<u>4/56</u>	_____	_____	_____

CHRONOLOGICAL OPERATIONS

Date Work Performed: 08-Sep-06 **SITP:** _____ **SICP:** 1605 psi

Day 2c.
 RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug, 8' & 14' perf gun Set plug @ 4200'. Perforate GB4 sds @ 4086- 94' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 SPF for total of 32 shots. RU BJ Services. 1605 psi on well. Frac GB4 sds w/ 29,228#'s of 20/40 sand in 327 bbls of Lightning 17 fluid Broke @ 3251 psi Treated w/ ave pressure of 1944 psi @ ave rate of 24.9 BPM. ISIP 1640 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 4 hrs & died. Rec 238 BTF (12% of total frac load). SIWFN w/ 1831 BWTR.

FLUID RECOVERY (BLS)

Starting fluid load to be recovered: 1742 **Starting oil rec to date:** _____
Fluid lost/recovered today: 89 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1831 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services
Procedure or Equipment detail: GB4 sands

- 3000 gals of pad
- 2319 gals W/ 1-4 ppg of 20/40 sand
- 4425 gals W/ 4-6.5 ppg of 20/40 sand
- Flush W/ 3990 gals of slick water

COSTS

<u>BJ Services-GB4</u>	<u>\$5,945</u>
<u>NPC frac wtr</u>	<u>\$519</u>
<u>NPC fuel gas</u>	<u>\$90</u>
<u>Weatherford tools/serv</u>	<u>\$2,450</u>
<u>Lone Wolf WL</u>	<u>\$1,889</u>
<u>NPC Supervisor</u>	<u>\$75</u>
<u>Monks pit reclaim</u>	<u>\$1,800</u>
<u>NPC sfc equipment</u>	<u>\$130,000</u>
<u>Mecham labor/welding</u>	<u>\$19,500</u>
<u>NDSI wtr disposal</u>	<u>\$3,000</u>
<u>Unichem chemicals</u>	<u>\$350</u>
<u>NPC location cleanup</u>	<u>\$300</u>
<u>MT west sanitation</u>	<u>\$550</u>
DAILY COST:	<u>\$166,468</u>
TOTAL WELL COST:	<u>\$571,755</u>

Max TP: 2237 **Max Rate:** 25.3 BPM **Total fluid pmpd:** 327 bbls
Avg TP: 1944 **Avg Rate:** 24.9 BPM **Total Prop pmpd:** 29,228#'s
ISIP: 1640 **5 min:** _____ **10 min:** _____ **FG:** .83
Completion Supervisor: Orson Barney



DAILY COMPLETION REPORT

WELL NAME: Federal 13-17-9-16 **Report Date:** 9/13/06 **Day:** 3
Operation: Completion **Rig:** NC#2

WELL STATUS

Surf Csg: 8-5/8' @ 322' **Prod Csg:** 5-1/2" @ 5982' **Csg PBTB:** 5913'WL
Tbg: Size: 2 7/8" **Wt:** 6.5# **Grd:** J-55 **Pkr/EOT @:** 4780' **BP/Sand PBTB:** 4990'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<u>GB4 sds</u>	<u>4086-4094'</u>	<u>4/32</u>			
<u>D1 sds</u>	<u>4610-4618'</u>	<u>4/32</u>			
<u>D2 sds</u>	<u>4685-4699'</u>	<u>4/56</u>			
<u>B1 sds</u>	<u>4829-4835'</u>	<u>4/24</u>			
<u>B2 sds</u>	<u>4868-4886'</u>	<u>4/72</u>			
<u>A3 sds</u>	<u>5052-5066'</u>	<u>4/56</u>			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 9/12/06 **SITP:** _____ **SICP:** 1605 psi

MIRU NC#2. ND Cameron BOP & 5m frac head. NU 3m production head & Schafer BOP. RIH w/ 4 3/4" chomp bit bit sub & 2 7/8" tbg. From pipe rack (tallying & drifting). Tag @ 4190'. RU powerswivel & pump. C/O to CBP @ 4200' DU CBP in 30 min. Cont. RIH w/ tbg. Tag @ 4647'. C/O to CBP @ 4755'. DU CBP in 75 min. Circulate well clean SWIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1831 **Starting oil rec to date:** _____
Fluid lost/recovered today: 30 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1861 **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

NC #2	\$
<u>Weatherford BOP</u>	<u>150</u>
<u>Weatherford P.S.</u>	<u>750</u>
<u>NDSI water & truck</u>	<u>400</u>
<u>NPC Trucking</u>	<u>300</u>
<u>NDSI trucking</u>	<u>700</u>
<u>Zubiate Trucking</u>	<u>700</u>
<u>B&L new 2 7/8" tbg.</u>	<u>28,193</u>
<u>CDI TAC</u>	<u>525</u>
<u>CDI PSN</u>	<u>80</u>
<u>CDI pump</u>	<u>1,400</u>

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: \$39,290
TOTAL WELL COST: \$611,045

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4036'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 153' balance plug using 18 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
- 5.. Plug #4 Pump 43 sx Class "G" cement down 5 ½" casing to 372'

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

Federal 13-17-9-16

Spud Date: 8-3-06
 Put on Production: 9-14-06
 GL: 6049' KB: 6061'

Initial Production: BOPD,
 MCFD, BWPD

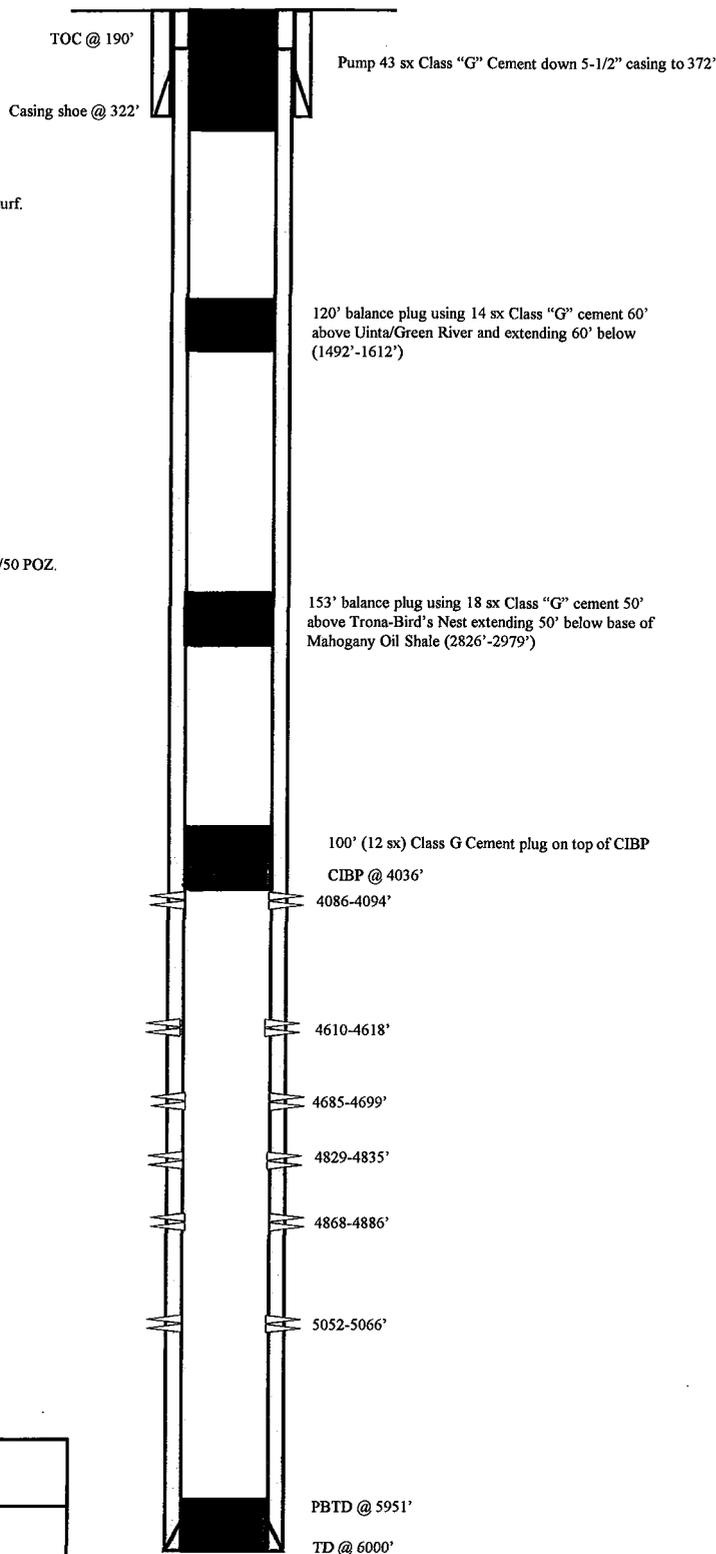
Proposed P&A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (310.19')
 DEPTH LANDED: 322.04' 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: 136 jts. (5969.67')
 DEPTH LANDED: 5982.92' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 190'




<p>Federal 13-17-9-16 746' FSL & 842' FWL SW/SW Section 17-T9S-R16E Duchesne Co, Utah API # 43-013-33036; Lease # UTU-52018</p>

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

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)
746 FSL 842 FWL
SWSW Section 17 T9S R16E

5. Lease Serial No.
USA UTU-52018

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
FEDERAL 13-17-9-16

9. API Well No.
4301333036

10. Field and Pool, or Exploratory Area
GREATER MB UNIT

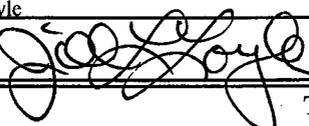
11. County or Parish, State
DUCHESNE, UT

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

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

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

Newfield Production proposes to convert the above mentioned well from producing oil well to an injection well.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Jill Lovle	Title Regulatory Technician
Signature 	Date 01/24/2012

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

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-386

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 13 AND 17, 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 for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Federal 7-13-9-16 well located in SW/4 NE/4, Section 13, Township 9 South, Range 16 East
API 43-013-32656

Federal 13-17-9-16 well located in SW/4 SW/4, Section 17, Township 9 South, Range 16 East
API 43-013-33036

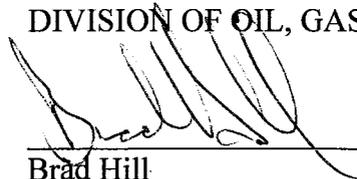
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

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 2nd day of February, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

Newfield Production Company

FEDERAL 7-13-9-16, FEDERAL 13-17-9-16

Cause No. UIC-386

Publication Notices were sent to the following:

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

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

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

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

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

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

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



From: "Fultz, Mark" <naclegal@mediaoneutah.com>
To: <jsweet@utah.gov>
Date: 2/2/2012 1:48 PM
Subject: Legal Notice - 20120202
Attachments: OrderConf.pdf

AD# 765843
Run Trib/DNews - 2/6
Cost \$179.72
Thank you
Mark

Order Confirmation for Ad #0000765843-01

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	9001402352
Address	1594 W NORTH TEMP #1210, P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	Payor Address	1594 W NORTH TEMP #1210, P.O. BO SALT LAKE CITY, UT 84114
Fax	801-359-3940	Ordered By	Acct. Exec
EMail	earlenerussell@utah.gov	Jean	mfullt

Total Amount	[REDACTED]	Tear Sheets	0	Proofs	0	Affidavits	1
Payment Amt	\$0.00						
Amount Due	[REDACTED]						
Payment Method		PO Number	20120202				
Confirmation Notes:							
Text:	Jean						

Ad Type	Ad Size	Color
Legal Liner	2.0 X 52 Li	<NONE>

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	02/06/2012	
Product	Placement	Position
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	02/06/2012	
Product	Placement	Position
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	02/06/2012	
Product	Placement	Position
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	02/06/2012	

Ad Content Proof Actual Size

PUBLIC NOTICE
BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-386
IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 13 AND 17, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.
THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.
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API 43-013-32656
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API 43-013-33036
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 2nd day of February, 2012.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager
765843 UPAFLP



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

February 2, 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-386

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

Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-386

From: Cindy Kleinfelter <classifieds@ubstandard.com>
To: Jean Sweet <jsweet@utah.gov>
Date: 2/2/2012 2:51 PM
Subject: Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-386

On 2/2/2012 1:26 PM, Jean Sweet wrote:

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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

Hi! It will be published February 7, 2012.
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

February 2, 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-386

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

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

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

The Salt Lake Tribune MEDIA One
www.sltrib.com

Deseret News
www.deseretnews.com

PROOF OF PUBLICATION

RECEIVED
FEB 10 2012

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	2/7/2012

ACCOUNT NAME			
DIV OF OIL-GAS & MINING,			
TELEPHONE	ADORDER# / INVOICE NUMBER		
8015385340	0000765843 /		
SCHEDULE			
Start 02/06/2012	End 02/06/2012		
CUST. REF. NO.			
20120202			
CAPTION			
PUBLIC NOTICE BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT			
SIZE			
52	Lines	2.00	COLUMN
TIMES	RATE		
4			
MISC. CHARGES	AD CHARGES		
TOTAL COST			
179.72			

PUBLIC NOTICE
BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-386
IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 13 AND 17, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.
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Dated this 2nd day of February, 2012.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager
765843

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **PUBLIC NOTICE BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-386 IN THE MATTER** FOR **DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY.

PUBLISHED ON Start 02/06/2012 End 02/06/2012

SIGNATURE

[Handwritten Signature]

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

2/7/2012

[Handwritten Signature: Virginia Craft]

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

22501REB/GGVICADMIN/GF12/6131

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

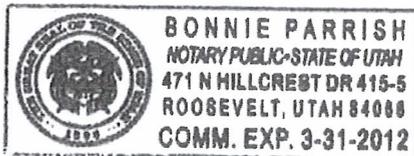
I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 7 day of February, 2012, and that the last publication of such notice was in the issue of such newspaper dated the 7 day of February, 2012, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

Kevin Ashby
Publisher

Subscribed and sworn to before me this

13 day of February, 2012

Bonnie Parrish
Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC-386

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

OF UTAH.
IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 13 AND 17, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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By Aldon Rachele
Uintah Basin Stand

Union
pocke

Altamont's Dylan Li
of a missed basket



BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-386

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 13 AND 17, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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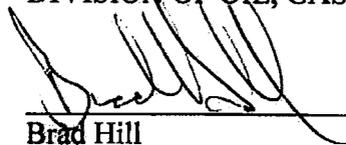
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STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

Newfield Production Company

FEDERAL 7-13-9-16, FEDERAL 13-17-9-16

Cause No. UIC-386

Publication Notices were sent to the following:

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

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

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

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

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

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

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





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

February 2, 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-386

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PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure





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

February 2, 2012

Via e-mail: legals@ubstandard.com

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Jean Sweet
Executive Secretary

Enclosure





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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

February 23, 2012

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

Subject: Greater Monument Butte Unit Well: Federal 13-17-9-16, Section 17, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33036

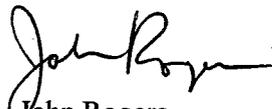
Gentlemen:

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 3,930 feet in the Federal 13-17-9-16 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,

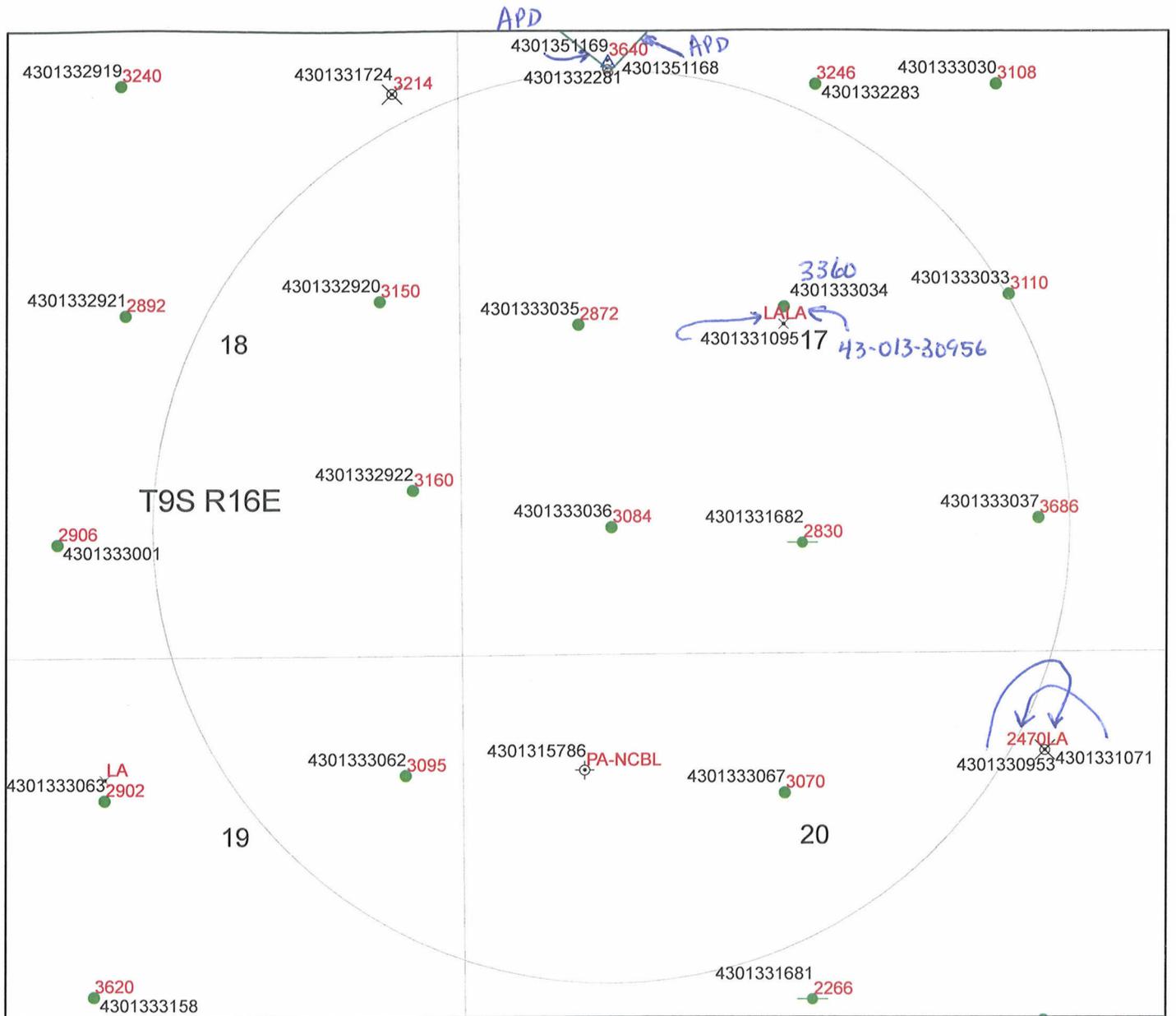

John Rogers
Associate Director

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 13-17-9-16

API #43-013-33036

UIC-386.1

Legend

- Buffer_of_SGID93_ENERGY_DNROilGasWells_33
- SGID93.ENERGY.DNROilGasWells**
- GIS_STAT_TYPE**
- APD
- DRL
- GIW
- GSW
- LA
- LOC
- OPS
- PA
- PGW
- POW
- RET
- SGW
- SOW
- TA
- TW
- WDW
- WIW
- WSW

- SGID93.BOUNDARIES.Counties
 - SGID93.ENERGY.DNROilGasWells_HDBottom
 - SGID93.ENERGY.DNROilGasWells_HDPath
 - Wells-CbltopsMaster02_14_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 13-17-9-16

Location: 17/9S/16E **API:** 43-013-33036

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 322 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,983 feet. A cement bond log demonstrates adequate bond in this well up to about 3,084 feet. A 2 7/8 inch tubing with a packer will be set at 4,036 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. Based on surface locations, there are 7 producing wells, 2 shut-in wells (one of which is the proposed injection well), and 1 P/A well in the AOR. There is also 1 approved surface location inside the AOR from which a well will be directionally drilled to a bottom hole location outside the AOR. All of the wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 2100 feet. Injection shall be limited to the interval between 3,930 feet and 5,951 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 13-17-9-16 well is 0.83 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,613 psig. The requested maximum pressure is 1,613 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 13-17-9-16

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 2/10/2012

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-52018
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 13-17-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013330360000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0746 FSL 0842 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 17 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: 5/15/2012	<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 05/11/2012. On 05/11/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/15/2012 the casing was pressured up to 1660 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

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

Date: June 04, 2012

By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 5/25/2012

Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: _____ Date 5/15/12 Time 9:00 (am) pm

Test Conducted by: Kody Olson

Others Present: Troy Lazenby

Well: <u>Federal 13-17-9-16</u>	Field: <u>Monument Butte</u>
Well Location: <u>SW/SW Sec 17, T9S, R16E</u> API No: <u>43-013-33036</u>	
<u>Duchesne County, UT</u> UTV <u>87538X</u>	

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1660</u>	psig
5	<u>1660</u>	psig
10	<u>1660</u>	psig
15	<u>1660</u>	psig
20	<u>1660</u>	psig
25	<u>1660</u>	psig
30 min	<u>1660</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

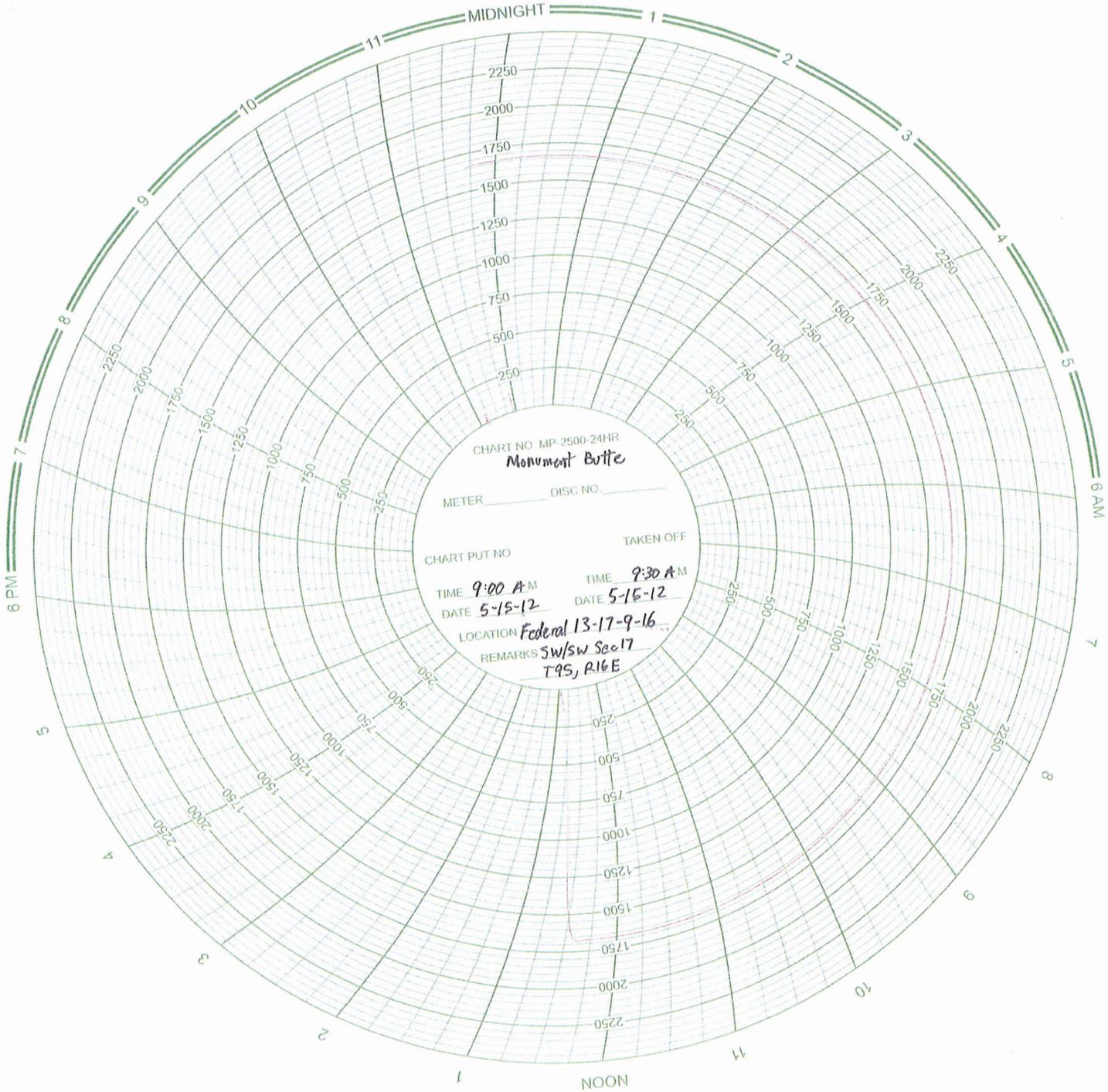
Tubing pressure: 0 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: [Signature]

Sundry Number: 26046 API Well Number: 43013330360000



Daily Activity Report

Format For Sundry

FEDERAL 13-17-9-16

3/1/2012 To 7/30/2012

5/7/2012 Day: 1

Recompletion

Stone #10 on 5/7/2012 - MIRUSU-POOH w/rod string - LD rods as detailed - stack out w/10 3/4" 4 pers out-flush csg, 40bw-RIH w9 3/4" 4 pers-stack out w/1 3/4" 4 per out-flush csg 50bw-rods wouldn't go dwnhole. - RIH w/rods as detailed w/obannon overshot - PSI test BOP to 5000#-good test. Fill tbg w/2bw. POOH w/ p/rod 1 2/2"x22'-6'x8' 3/4" ponies-99 3/4" 4 per-48 3/4" SLK-12 3/4" 4 per-17 3/4" SLK-20 #/4" 4 per- 6, 1/2" wt bars-parted on pull rod. - MIRUSU-flush csg w/60bw w/BMW hot oiler. RD production tree. - LD rods as detailed - stack out w/10 3/4" 4 pers out-flush csg, 40bw-RIH w9 3/4" 4 pers-stack out w/1 3/4" 4 per out-flush csg 50bw-rods wouldn't go dwnhole. - RIH w/rods as detailed w/obannon overshot - PSI test BOP to 5000#-good test. Fill tbg w/2bw. POOH w/ p/rod 1 2/2"x22'-6'x8' 3/4" ponies-99 3/4" 4 per-48 3/4" SLK-12 3/4" 4 per-17 3/4" SLK-20 #/4" 4 per- 6, 1/2" wt bars-parted on pull rod. - MIRUSU-flush csg w/60bw w/BMW hot oiler. RD production tree.

Daily Cost: \$0

Cumulative Cost: \$6,387

5/8/2012 Day: 3

Recompletion

Stone #10 on 5/8/2012 - Frac 1 stg, flowback, circ well clean, POOH w/tbg & RBP - POOH & LD 113jts-39jts still in hole-SN-1jt-PKR-4' sub-RH-RBP-flush csg 25bw w/hot oiler-EOT 1278'-wait on pkr - flush csg 120bw w/hot oiler - Release RBP-wait on truck to move tbg trailer. - Release RBP-wait on truck to move tbg trailer. - RU & flowback-tbg died in 15min-release pkr, circ 28bw, RIH 2jts, circ 30bw - RU & flowback-tbg died in 15min-release pkr, circ 28bw, RIH 2jts, circ 30bw - Frac 1 stg-frac communicated to csg-1100psi-RD Baker Hughes - Frac 1 stg-frac communicated to csg-1100psi-RD Baker Hughes - Wait on haul truck to move tbg trailer & Baker Hughes to move onto location & RU - Wait on haul truck to move tbg trailer & Baker Hughes to move onto location & RU - RU hot oiler-break dwn zone @ 5000#-injection @ 2300# @ 1/2bpm-RU rig pump-fill hole w/75bw - RU hot oiler-break dwn zone @ 5000#-injection @ 2300# @ 1/2bpm-RU rig pump-fill hole w/75bw - set RBP @ 4809'-57jts out-POOH w/2 jts-set PKR @ 4739'-150jts-SN-1jt-PKR-4' sub-RH-RBP-59jts out - set RBP @ 4809'-57jts out-POOH w/2 jts-set PKR @ 4739'-150jts-SN-1jt-PKR-4' sub-RH-RBP-59jts out - tally & PU 34jts-152jts total-SN-1jt-PKR-4' sub-RH-RBP - tally & PU 34jts-152jts total-SN-1jt-PKR-4' sub-RH-RBP - PU & tally 11jts-SN-1jt_pkr-4' sub-RH-RBP, EOT @ 3758'. SDFN - PU & tally 11jts-SN-1jt_pkr-4' sub-RH-RBP, EOT @ 3758'. SDFN - RU & RIH w/wireline-perforate @ 4772'-4775'. POOH & RD Wireline - RU & RIH w/wireline-perforate @ 4772'-4775'. POOH & RD Wireline - Wait on wireline to arrive - Wait on wireline to arrive - flush tbg 25bw-POOH 127 jts-LD 35 jts w/BHA-159 jts total-T/A 1jt-SN-2jts-NC - flush tbg 25bw-POOH 127 jts-LD 35 jts w/BHA-159 jts total-T/A 1jt-SN-2jts-NC - POOH breaking, doping & tallying 80 jts - POOH breaking, doping & tallying 80 jts - NU Weatherfrod BOP-U/S T/A-didn't tag fill - NU Weatherfrod BOP-U/S T/A-didn't tag fill - RU & RIH w/wireline-perforate tbg @ 5025'-POOH & RD wireline-flush tbg w/40bw - RU & RIH w/wireline-perforate tbg @ 5025'-POOH & RD wireline-flush tbg w/40bw - flush csg 120bw w/hot oiler - flush csg 120bw w/hot oiler - POOH & LD 113jts-39jts still in hole-SN-1jt-PKR-4' sub-RH-RBP-flush csg 25bw w/hot oiler-EOT 1278'-wait on pkr - POOH & LD 113jts-39jts still in hole-SN-1jt-PKR-4' sub-RH-RBP-flush csg 25bw w/hot oiler-EOT 1278'-wait on pkr - Release RBP-wait on truck to move tbg trailer. - Release RBP-wait on truck to move tbg trailer. - RU & flowback-tbg died in 15min-release pkr, circ 28bw, RIH 2jts, circ 30bw - RU & flowback-tbg died in 15min-release pkr, circ 28bw, RIH 2jts, circ 30bw - Frac 1 stg-frac communicated to csg-1100psi-RD Baker Hughes - Frac 1 stg-frac communicated to csg-1100psi-RD Baker Hughes - Wait on haul truck to move tbg trailer

& Baker Hughes to move onto location & RU - Wait on haul truck to move tbg trailer & Baker Hughes to move onto location & RU - RU hot oiler-break dwn zone @ 5000#-injection @ 2300# @ 1/2bpm-RU rig pump-fill hole w/75bw - RU hot oiler-break dwn zone @ 5000#-injection @ 2300# @ 1/2bpm-RU rig pump-fill hole w/75bw - set RBP @ 4809'-57jts out-POOH w/2 jts-set PKR @ 4739'-150jts-SN-1jt-PKR-4' sub-RH-RBP-59jts out - set RBP @ 4809'-57jts out-POOH w/2 jts-set PKR @ 4739'-150jts-SN-1jt-PKR-4' sub-RH-RBP-59jts out - tally & PU 34jts-152jts total-SN-1jt-PKR-4' sub-RH-RBP - tally & PU 34jts-152jts total-SN-1jt-PKR-4' sub-RH-RBP - PU & tally 11jts-SN-1jt_pkr-4' sub-RH-RBP, EOT @ 3758'. SDFN - PU & tally 11jts-SN-1jt_pkr-4' sub-RH-RBP, EOT @ 3758'. SDFN - RU & RIH w/wireline-perforate @ 4772'-4775'. POOH & RD Wireline - RU & RIH w/wireline-perforate @ 4772'-4775'. POOH & RD Wireline - Wait on wireline to arrive - Wait on wireline to arrive - flush tbg 25bw-POOH 127 jts-LD 35 jts w/BHA-159 jts total-T/A 1jt-SN-2jts-NC - flush tbg 25bw-POOH 127 jts-LD 35 jts w/BHA-159 jts total-T/A 1jt-SN-2jts-NC - POOH breaking, doping & tallying 80 jts - POOH breaking, doping & tallying 80 jts - NU Weatherfrod BOP-U/S T/A-didn't tag fill - NU Weatherfrod BOP-U/S T/A-didn't tag fill - RU & RIH w/wireline-perforate tbg @ 5025'-POOH & RD wireline-flush tbg w/40bw - RU & RIH w/wireline-perforate tbg @ 5025'-POOH & RD wireline-flush tbg w/40bw - flush csg 120bw w/hot oiler - POOH & LD 113jts-39jts still in hole-SN-1jt-PKR-4' sub-RH-RBP-flush csg 25bw w/hot oiler-EOT 1278'-wait on pkr

Daily Cost: \$0

Cumulative Cost: \$55,022

5/10/2012 Day: 4

Recompletion

Stone #10 on 5/10/2012 - Roundtrip tbg - LD RBP - psi test tbg - psi test tbg to 3100#-watch psi - bump up 5 times-SITP 3540 - drop SV, RU sandline to chase SV-14bw to fill - flush 30bw dwn tbg w/hot oiler - LD 39 jts-SN-1jt-PKR-4'sub-RH-RBP, RIH w/127jts-SN-Pkr - Safety meeting-daily procedures - psi test tbg to 3100#-watch psi - bump up 5 times-SITP 3540 - drop SV, RU sandline to chase SV-14bw to fill - flush 30bw dwn tbg w/hot oiler - LD 39 jts-SN-1jt-PKR-4'sub-RH-RBP, RIH w/127jts-SN-Pkr - Safety meeting-daily procedures

Daily Cost: \$0

Cumulative Cost: \$61,347

5/11/2012 Day: 5

Recompletion

Stone #10 on 5/11/2012 - Finish tbg test-fish SV-get good csg test - NU WH-psi test csg 2000#-let sit overnight. - flush csg w/50bw & pkr fluid-set pkr w/15000#-NU WH - good test overnight-RIH w/sandline & overshot-flush csg w/75bw using BMW hotoiler. Fish SV-ND Weatherfrod BOP. - flush csg w/70bw & pkr fluid-set pkr w/15000# - wait on wtr & pkr fluid - unseat pkr-add 6'sub - psi test csg 1700#-bump up 2 times-no test-ND WH - flush csg w/50bw & pkr fluid-set pkr w/15000#-NU WH - good test overnight-RIH w/sandline & overshot-flush csg w/75bw using BMW hotoiler. Fish SV-ND Weatherfrod BOP. - NU WH-psi test csg 2000#-let sit overnight. - flush csg w/70bw & pkr fluid-set pkr w/15000# - wait on wtr & pkr fluid - unseat pkr-add 6'sub - psi test csg 1700#-bump up 2 times-no test-ND WH

Daily Cost: \$0

Cumulative Cost: \$127,524

5/23/2012 Day: 6

Recompletion

Rigless on 5/23/2012 - Conduct initial MIT - On 05/11/2012 Chris Jesnen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/15/2012 the casing was pressured up to 1660 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 05/11/2012 Chris

Jesnen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/15/2012 the casing was pressured up to 1660 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

Finalized

Daily Cost: \$0

Cumulative Cost: \$159,344

Pertinent Files: Go to File List



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

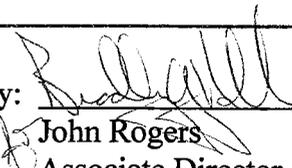
Cause No. UIC-386

Operator: Newfield Production Company
Well: Federal 13-17-9-16
Location: Section 17, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-33036
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on February 23, 2012.
2. Maximum Allowable Injection Pressure: 1,613 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,930' – 5,951')
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

06-05-12

Date

JR/MLR/js

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

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



Federal 13-17-9-16

Spud Date: 8-3-06
 Put on Production: 9-14-06
 GL: 6049' KB: 6061'

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (310.19')
 DEPTH LANDED: 322.04' 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: 136 jts (5969.67')
 DEPTH LANDED: 5982.92' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 190'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 TUBING PUP: 1 jt (6.0')
 NO. OF JOINTS: 127jts (5026')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4043.2' KB
 PACKER: 4044.3'
 TOTAL STRING LENGTH: EOT @ 4052' KB

FRAC JOB

09-08-06 5052-5066' **Frac A3 sands as follows:**
 53799# 20/40 sand in 457 bbls Lightning 17 frac fluid. Treated @ avg press of 1879 psi w/avg rate of 24.8 BPM. ISIP 2050 psi. Calc flush: 5050 gal. Actual flush: 4536 gal.

09-08-06 4829-4886' **Frac B2, & B1 sands as follows:**
 84971# 20/40 sand in 616 bbls Lightning 17 frac fluid. Treated @ avg press of 1856 psi w/avg rate of 24.9 BPM. ISIP 2250 psi. Calc flush: 4827 gal. Actual flush: 4326 gal.

09-08-06 4610-4699' **Frac D2, & D1 sands as follows:**
 70145# 20/40 sand in 528 bbls Lightning 17 frac fluid. Treated @ avg press of 1827 psi w/avg rate of 24.8 BPM. ISIP 1800 psi. Calc flush: 4608 gal. Actual flush: 4032 gal.

09-08-06 4086-4094' **Frac GB4 sands as follows:**
 29228# 20/40 sand in 327 bbls Lightning 17 frac fluid. Treated @ avg press of 1944 w/ avg rate of 24.9 BPM. ISIP 1640 psi. Calc flush: 4084 gal. Actual flush: 3990 gal.

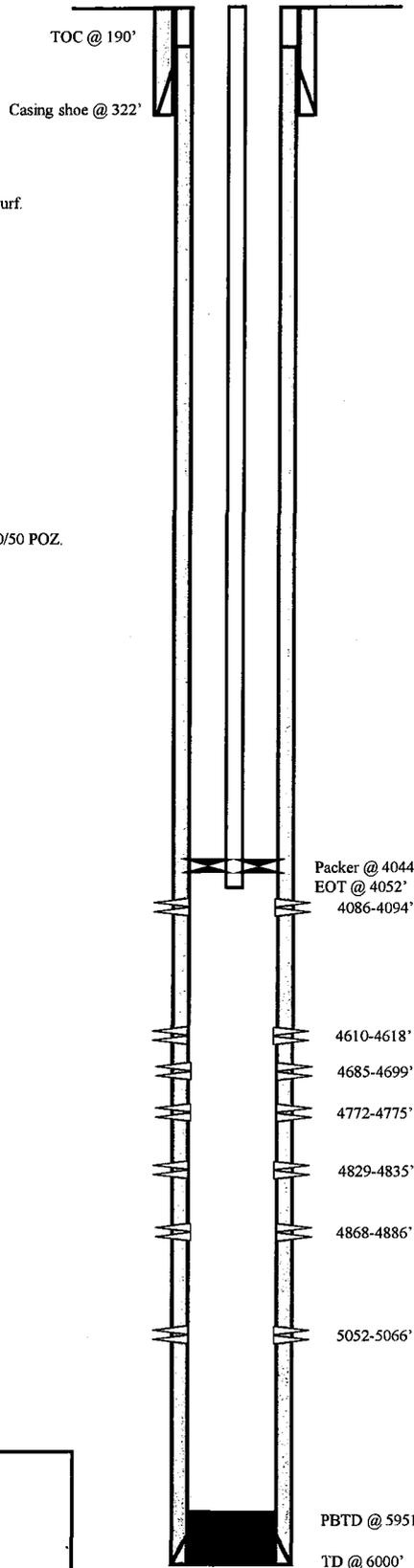
1-10-08 **Pump Change.** Updated rod & tubing details.

04/04/11 **Tubing leak.** Rod & tubing updated.

05/08/12 4772-4775' **Frac C sands as follows:** 23718# 20/40 sand in 309 bbls Lightning 17 frac fluid.

05/11/12 **Convert to Injection Well**

05/15/12 **Conversion MIT Finalized** - update tbg detail



PERFORATION RECORD

Date	Depth Range	Tool	Holes
09-01-06	5052-5066'	4 JSPF	56 holes
09-08-06	4868-4886'	4 JSPF	72 holes
09-08-06	4829-4835'	4 JSPF	24 holes
09-08-06	4685-4699'	4 JSPF	56 holes
09-08-06	4610-4618'	4 JSPF	32 holes
09-08-06	4086-4094'	4 JSPF	32 holes
05/07/12	4772-4775'	3 JSPF	9 holes

NEWFIELD



Federal 13-17-9-16

746' FSL & 842' FWL

SW/SW Section 17-T9S-R16E

Duchesne Co, Utah

API # 43-013-33036; Lease # UTU-52018

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-52018
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
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.		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: FEDERAL 13-17-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013330360000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0746 FSL 0842 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 17 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"/> SUBSEQUENT REPORT Date of Work Completion: 5/15/2012 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <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 checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="New Perforations"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>The above subject well had new perforations added during a conversion. Attached are the schematic and Daily Activity report. The following perforations were added in the Green River Formation: C 4772-4775' 3 JSPF 9 holes</p>		
<p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 06, 2013</p>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 5/6/2013

Federal 13-17-9-16

Spud Date: 8-3-06
 Put on Production: 9-14-06
 GL: 6049' KB: 6061'

Injection Wellbore Diagram

SURFACE CASING

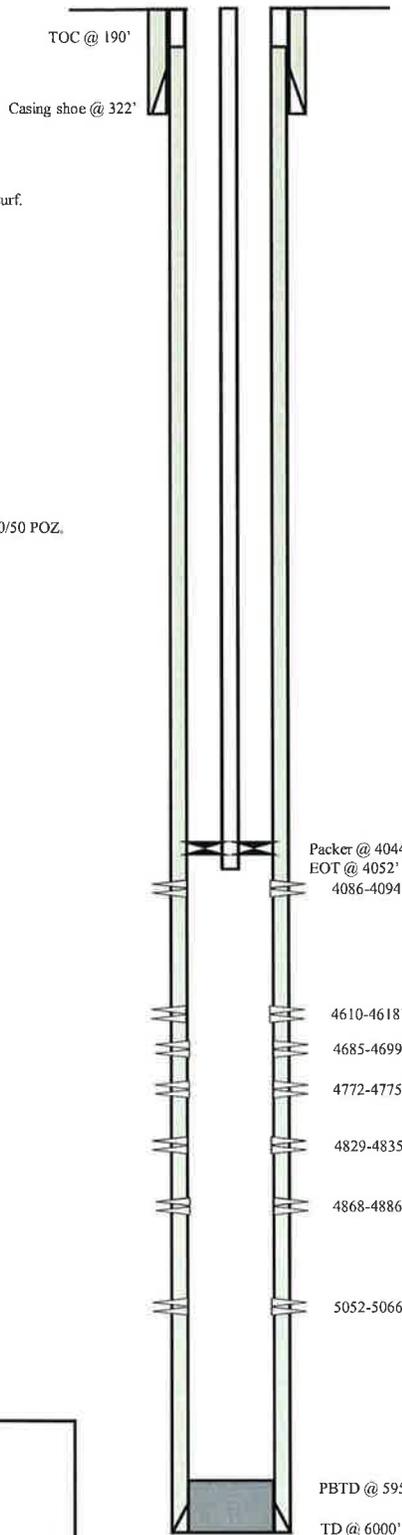
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (310.19')
 DEPTH LANDED: 322.04' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 136 jts. (5969.67')
 DEPTH LANDED: 5982.92' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 190'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 TUBING PUP: 1 jt (6.0')
 NO. OF JOINTS: 127jts (5026')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4043.2' KB
 PACKER: 4044.3'
 TOTAL STRING LENGTH: EOT @ 4052' KB



FRAC JOB

09-08-06 5052-5066' **Frac A3 sands as follows:**
 53799# 20/40 sand in 457 bbls Lightning 17 frac fluid. Treated @ avg press of 1879 psi w/avg rate of 24.8 BPM. ISIP 2050 psi. Calc flush: 5050 gal. Actual flush: 4536 gal.

09-08-06 4829-4886' **Frac B2, & B1 sands as follows:**
 84971# 20/40 sand in 616 bbls Lightning 17 frac fluid. Treated @ avg press of 1856 psi w/avg rate of 24.9 BPM. ISIP 2250 psi. Calc flush: 4827 gal. Actual flush: 4326 gal.

09-08-06 4610-4699' **Frac D2, & D1 sands as follows:**
 70145# 20/40 sand in 528 bbls Lightning 17 frac fluid. Treated @ avg press of 1827 psi w/avg rate of 24.8 BPM. ISIP 1800 psi. Calc flush: 4608 gal. Actual flush: 4032 gal.

09-08-06 4086-4094' **Frac GB4 sands as follows:**
 29228# 20/40 sand in 327 bbls Lightning 17 frac fluid. Treated @ avg press of 1944 w/ avg rate of 24.9 BPM. ISIP 1640 psi. Calc flush: 4084 gal. Actual flush: 3990 gal.

1-10-08 **Pump Change.** Updated rod & tubing details.
 04/04/11 **Tubing leak.** Rod & tubing updated.
 05/08/12 4772-4775' **Frac C sands as follows:** 23718# 20/40 sand in 309 bbls Lightning 17 frac fluid.
 05/11/12 **Convert to Injection Well**
 05/15/12 **Conversion MIT Finalized** - update tbg detail

PERFORATION RECORD

Date	Depth Range	Tool	Holes
09-01-06	5052-5066'	4 JSPF	56 holes
09-08-06	4868-4886'	4 JSPF	72 holes
09-08-06	4829-4835'	4 JSPF	24 holes
09-08-06	4685-4699'	4 JSPF	56 holes
09-08-06	4610-4618'	4 JSPF	32 holes
09-08-06	4086-4094'	4 JSPF	32 holes
05/07/12	4772-4775'	3 JSPF	9 holes

NEWFIELD

Federal 13-17-9-16

746' FSL & 842' FWL

SW/SW Section 17-T9S-R16E

Duchesne Co, Utah

API # 43-013-33036; Lease # UTU-52018

Daily Activity Report**Format For Sundry****FEDERAL 13-17-9-16****3/1/2012 To 7/30/2012****5/7/2012 Day: 1****Recompletion**

Stone #10 on 5/7/2012 - MIRUSU-POOH w/rod string - LD rods as detailed - stack out w/10 3/4" 4 pers out-flush csg, 40bw-RIH w9 3/4" 4 pers-stack out w/1 3/4" 4 per out-flush csg 50bw-rods wouldn't go dwnhole. - RIH w/rods as detailed w/obannon overshot - PSI test BOP to 5000#-good test. Fill tbg w/2bw. POOH w/ p/rod 1 2/2"x22'-6'x8' 3/4" ponies-99 3/4" 4 per-48 3/4" SLK-12 3/4" 4 per-17 3/4" SLK-20 #/4" 4 per- 6, 1/2" wt bars-parted on pull rod. - MIRUSU-flush csg w/60bw w/BMW hot oiler. RD production tree. - LD rods as detailed - stack out w/10 3/4" 4 pers out-flush csg, 40bw-RIH w9 3/4" 4 pers-stack out w/1 3/4" 4 per out-flush csg 50bw-rods wouldn't go dwnhole. - RIH w/rods as detailed w/obannon overshot - PSI test BOP to 5000#-good test. Fill tbg w/2bw. POOH w/ p/rod 1 2/2"x22'-6'x8' 3/4" ponies-99 3/4" 4 per-48 3/4" SLK-12 3/4" 4 per-17 3/4" SLK-20 #/4" 4 per- 6, 1/2" wt bars-parted on pull rod. - MIRUSU-flush csg w/60bw w/BMW hot oiler. RD production tree.

Daily Cost: \$0**Cumulative Cost:** \$6,387**5/8/2012 Day: 2****Recompletion**

Stone #10 on 5/8/2012 - Perforate tbg, POOH w/tbg, Perforate stg1-Rih w/pkr & tbg - POOH & LD 113jts-39jts still in hole-SN-1jt-PKR-4' sub-RH-RBP-flush csg 25bw w/hot oiler-EOT 1278'-wait on pkr - flush csg 120bw w/hot oiler - Release RBP-wait on truck to move tbg trailer. - Release RBP-wait on truck to move tbg trailer. - RU & flowback-tbg died in 15min-release pkr, circ 28bw, RIH 2jts, circ 30bw - RU & flowback-tbg died in 15min-release pkr, circ 28bw, RIH 2jts, circ 30bw - Frac 1 stg-frac communicated to csg-1100psi-RD Baker Hughes - Frac 1 stg-frac communicated to csg-1100psi-RD Baker Hughes - Wait on haul truck to move tbg trailer & Baker Hughes to move onto location & RU - Wait on haul truck to move tbg trailer & Baker Hughes to move onto location & RU - RU hot oiler-break dwn zone @ 5000#-injection @ 2300# @ 1/2bpm-RU rig pump-fill hole w/75bw - RU hot oiler-break dwn zone @ 5000#-injection @ 2300# @ 1/2bpm-RU rig pump-fill hole w/75bw - set RBP @ 4809'-57jts out-POOH w/2 jts-set PKR @ 4739'-150jts-SN-1jt-PKR-4' sub-RH-RBP-59jts out - set RBP @ 4809'-57jts out-POOH w/2 jts-set PKR @ 4739'-150jts-SN-1jt-PKR-4' sub-RH-RBP-59jts out - tally & PU 34jts-152jts total-SN-1jt-PKR-4' sub-RH-RBP - tally & PU 34jts-152jts total-SN-1jt-PKR-4' sub-RH-RBP - PU & tally 11jts-SN-1jt_pkr-4' sub-RH-RBP, EOT @ 3758'. SDFN - PU & tally 11jts-SN-1jt_pkr-4' sub-RH-RBP, EOT @ 3758'. SDFN - RU & RIH w/wireline-perforate @ 4772'-4775'. POOH & RD Wireline - RU & RIH w/wireline-perforate @ 4772'-4775'. POOH & RD Wireline - Wait on wireline to arrive - Wait on wireline to arrive - flush tbg 25bw-POOH 127 jts-LD 35 jts w/BHA-159 jts total-T/A 1jt-SN-2jts-NC - flush tbg 25bw-POOH 127 jts-LD 35 jts w/BHA-159 jts total-T/A 1jt-SN-2jts-NC - POOH breaking, doping & tallying 80 jts - POOH breaking, doping & tallying 80 jts - NU Weatherfrod BOP-U/S T/A-didn't tag fill - NU Weatherfrod BOP-U/S T/A-didn't tag fill - RU & RIH w/wireline-perforate tbg @ 5025'-POOH & RD wireline-flush tbg w/40bw - RU & RIH w/wireline-perforate tbg @ 5025'-POOH & RD wireline-flush tbg w/40bw - flush csg 120bw w/hot oiler - flush csg 120bw w/hot oiler - POOH & LD 113jts-39jts still in hole-SN-1jt-PKR-4' sub-RH-RBP-flush csg 25bw w/hot oiler-EOT 1278'-wait on pkr - POOH & LD 113jts-39jts still in hole-SN-1jt-PKR-4' sub-RH-RBP-flush csg 25bw w/hot oiler-EOT 1278'-wait on pkr - Release RBP-wait on truck to move tbg trailer. - Release RBP-wait on truck to move tbg trailer. - RU & flowback-tbg died in 15min-release pkr, circ 28bw, RIH 2jts, circ 30bw - RU & flowback-tbg died in 15min-release pkr, circ 28bw, RIH 2jts, circ 30bw - Frac 1 stg-frac communicated to csg-1100psi-RD Baker Hughes - Frac 1 stg-frac communicated to csg-1100psi-RD Baker Hughes - Wait on haul truck to move tbg trailer

& Baker Hughes to move onto location & RU - Wait on haul truck to move tbg trailer & Baker Hughes to move onto location & RU - RU hot oiler-break dwn zone @ 5000#-injection @ 2300# @ 1/2bpm-RU rig pump-fill hole w/75bw - RU hot oiler-break dwn zone @ 5000#-injection @ 2300# @ 1/2bpm-RU rig pump-fill hole w/75bw - set RBP @ 4809'-57jts out-POOH w/2 jts-set PKR @ 4739'-150jts-SN-1jt-PKR-4' sub-RH-RBP-59jts out - set RBP @ 4809'-57jts out-POOH w/2 jts-set PKR @ 4739'-150jts-SN-1jt-PKR-4' sub-RH-RBP-59jts out - tally & PU 34jts-152jts total-SN-1jt-PKR-4' sub-RH-RBP - tally & PU 34jts-152jts total-SN-1jt-PKR-4' sub-RH-RBP - PU & tally 11jts-SN-1jt_pkr-4' sub-RH-RBP, EOT @ 3758'. SDFN - PU & tally 11jts-SN-1jt_pkr-4' sub-RH-RBP, EOT @ 3758'. SDFN - RU & RIH w/wireline-perforate @ 4772'-4775'. POOH & RD Wireline - RU & RIH w/wireline-perforate @ 4772'-4775'. POOH & RD Wireline - Wait on wireline to arrive - Wait on wireline to arrive - flush tbg 25bw-POOH 127 jts-LD 35 jts w/BHA-159 jts total-T/A 1jt-SN-2jts-NC - flush tbg 25bw-POOH 127 jts-LD 35 jts w/BHA-159 jts total-T/A 1jt-SN-2jts-NC - POOH breaking, doping & tallying 80 jts - POOH breaking, doping & tallying 80 jts - NU Weatherfrod BOP-U/S T/A-didn't tag fill - NU Weatherfrod BOP-U/S T/A-didn't tag fill - RU & RIH w/wireline-perforate tbg @ 5025'-POOH & RD wireline-flush tbg w/40bw - RU & RIH w/wireline-perforate tbg @ 5025'-POOH & RD wireline-flush tbg w/40bw - flush csg 120bw w/hot oiler - POOH & LD 113jts-39jts still in hole-SN-1jt-PKR-4' sub-RH-RBP-flush csg 25bw w/hot oiler-EOT 1278'-wait on pkr

Daily Cost: \$0

Cumulative Cost: \$19,747

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

Stone #10 on 5/10/2012 - Roundtrip tbg - LD RBP - psi test tbg - psi test tbg to 3100#-watch psi - bump up 5 times-SITP 3540 - drop SV, RU sandline to chase SV-14bw to fill - flush 30bw dwn tbg w/hot oiler - LD 39 jts-SN-1jt-PKR-4'sub-RH-RBP, RIH w/127jts-SN-Pkr - Safety meeting-daily procedures - psi test tbg to 3100#-watch psi - bump up 5 times-SITP 3540 - drop SV, RU sandline to chase SV-14bw to fill - flush 30bw dwn tbg w/hot oiler - LD 39 jts-SN-1jt-PKR-4'sub-RH-RBP, RIH w/127jts-SN-Pkr - Safety meeting-daily procedures

Daily Cost: \$0

Cumulative Cost: \$61,347

5/11/2012 Day: 5**Recompletion**

Stone #10 on 5/11/2012 - Finish tbg test-fish SV-get good csg test - NU WH-psi test csg 2000#-let sit overnight. - flush csg w/50bw & pkr fluid-set pkr w/15000#-NU WH - good test overnight-RIH w/sandline & overshot-flush csg w/75bw using BMW hotoiler. Fish SV-ND Weatherfrod BOP. - flush csg w/70bw & pkr fluid-set pkr w/15000# - wait on wtr & pkr fluid - unseat pkr-add 6'sub - psi test csg 1700#-bump up 2 times-no test-ND WH - flush csg w/50bw & pkr fluid-set pkr w/15000#-NU WH - good test overnight-RIH w/sandline & overshot-flush csg w/75bw using BMW hotoiler. Fish SV-ND Weatherfrod BOP. - NU WH-psi test csg 2000#-let sit overnight. - flush csg w/70bw & pkr fluid-set pkr w/15000# - wait on wtr & pkr fluid - unseat pkr-add 6'sub - psi test csg 1700#-bump up 2 times-no test-ND WH

Daily Cost: \$0

Cumulative Cost: \$127,524

5/23/2012 Day: 6**Recompletion**

Rigless on 5/23/2012 - Conduct initial MIT - On 05/11/2012 Chris Jesnen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/15/2012 the casing was pressured up to 1660 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 05/11/2012 Chris

Jesnen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 05/15/2012 the casing was pressured up to 1660 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

Finalized

Daily Cost: \$0

Cumulative Cost: \$159,344

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