



December 6, 2005

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

RE: Applications for Permit to Drill: 5-18-9-16, 6-18-9-16, 12-18-9-16, 13-18-9-16, 14-18-9-16, 15-18-9-16, 1-23-9-16, 2-23-9-16, and 4-24-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 13-18-9-16, 14-18-9-16 and 15-18-9-16 are Exception Locations. Our Land Department will send you the required Exception Location Letter. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,


Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
DEC 08 2005
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.
UTU-64379

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

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

8. Lease Name and Well No.
Federal 13-18-9-16

1a. Type of Work: DRILL REENTER

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

2. Name of Operator
Newfield Production Company

9. API Well No.
43-013-32999

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

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

10. Field and Pool, or Exploratory
Monument Butte

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface SW/SW 674' FSL 364' FWL 570900X 40.025597
At proposed prod. zone 4430719Y -110.169108

11. Sec., T., R., M., or Blk. and Survey or Area
SW/SW Sec. 18, T9S R16E

14. Distance in miles and direction from nearest town or post office*
Approximatley 14.3 miles southwest of Myton, Utah

12. County or Parish
Duchesne

13. State
UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 364' f/lse, NA' f/unit

16. No. of Acres in lease
1626.36

17. Spacing Unit dedicated to this well
40 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1502'

19. Proposed Depth
5910'

20. BLM/BIA Bond No. on file
UT0056

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
6126' GL

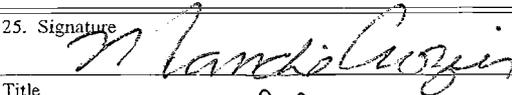
22. Approximate date work will start*
1st Quarter 2006

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

25. Signature  Name (Printed/Typed) Mandie Crozier Date 12/6/05

Title Regulatory Specialist

Approved by (Signature)  Name (Printed/Typed) BRADLEY G. HILL Date 02-07-06

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)

**Federal Approval of this
Action is Necessary**

RECEIVED

DEC 08 2005

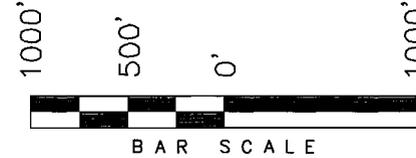
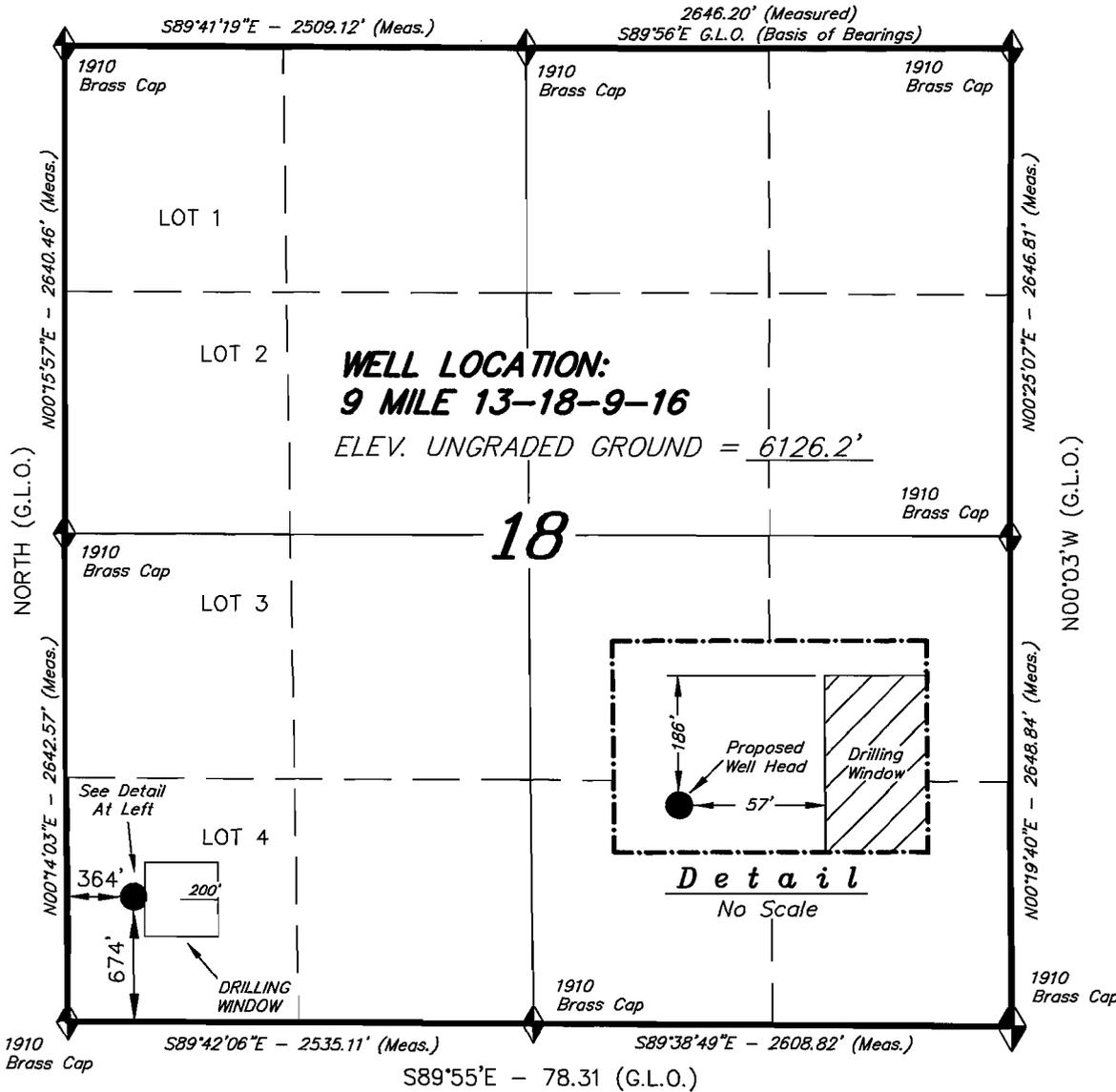
BUREAU OF LAND MANAGEMENT

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

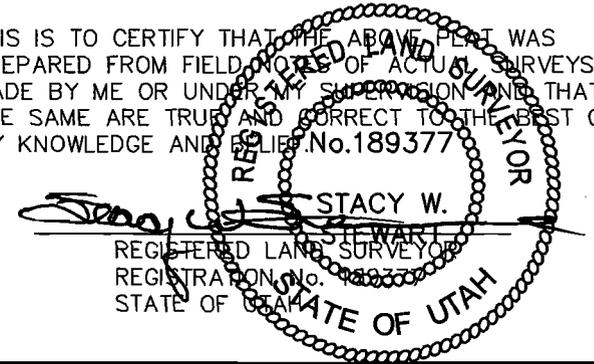
S89°56'E - 78.00 (G.L.O.)

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 13-18-9-16,
LOCATED AS SHOWN IN THE SW 1/4 SW
1/4 OF SECTION 18, 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 13-18-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 31.79"
LONGITUDE = 110° 10' 11.32"

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

DATE SURVEYED: 11-20-05	SURVEYED BY: K.G.S.
DATE DRAWN: 11-22-05	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
FEDERAL #13-18-9-16
SW/SW SECTION 18, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2545'
Green River	2545'
Wasatch	5910'

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

Green River Formation 2545' – 5910' - 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 #13-18-9-16
SW/SW SECTION 18, T9S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #13-18-9-16 located in the SW 1/4 SW 1/4 Section 18, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly along Hwy 53 - 1.8 miles \pm to it's junction with an existing dirt road to the southwest; proceed southwesterly - 11.2 miles \pm to it's junction with an existing road to the northwest; proceed northwesterly - 0.2 miles \pm to it's junction with the beginning of the proposed access road; proceed northeasterly along the proposed access road - 790' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-328, 1/19/05. Paleontological Resource Survey prepared by, Wade E. Miller, 5/11/05. See attached report cover pages, Exhibit "D".

For the Federal #13-18-9-16 Newfield Production Company requests a 70' ROW in Least UTU-02458 and 720' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests a 70' ROW in Least UTU-02458 and 720' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed gas lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests a 70' ROW in Least UTU-02458 and 720' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

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

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

Threatened, Endangered, And Other Sensitive Species

Sage Grouse: If new construction or surface disturbing activities are scheduled to occur between March 1 and June 30, detailed surveys of the area within 0.5 mile of the proposed location must be conducted to detect the presence of sage grouse. All surveys must be conducted in accordance

with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Reserve Pit Liner

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

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

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

Crested Wheatgrass *Agropyron Cristatum* 12 lbs/acre

Details of the On-Site Inspection

The proposed Federal #13-18-9-16 was on-sited on 8/30/05. The following were present; Shon Mckinnon (Newfeild Production), Byron Tolman (Bureau of Land Management), and Todd MaGrath (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

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

Representative.

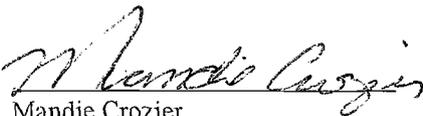
Name: Shon Mckinnon
Address: Route #3 Box 3630
 Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #13-18-9-16 SW/SW Section 18, Township 9S, Range 16E: Lease UTU-64379 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

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

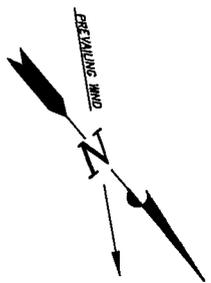
_____ 12/16/05
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

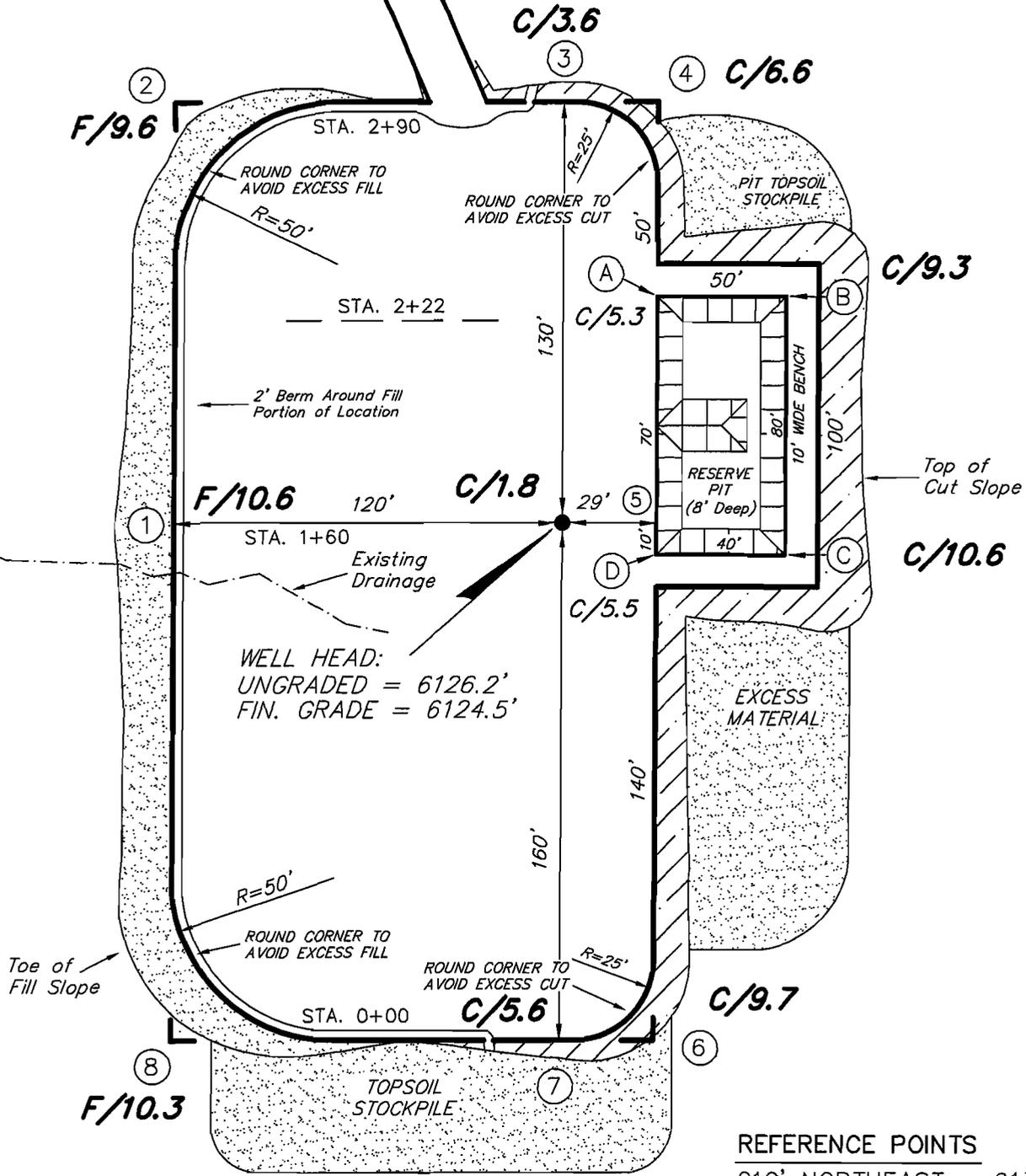
NEWFIELD PRODUCTION COMPANY

9 MILE 13-18-9-16

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



PROPOSED ACCESS ROAD (Max. 6% Grade)



WELL HEAD:
UNGRADED = 6126.2'
FIN. GRADE = 6124.5'

REFERENCE POINTS

- 210' NORTHEAST = 6130.5'
- 260' NORTHEAST = 6129.7'
- 170' SOUTHEAST = 6109.5'
- 220' SOUTHEAST = 6106.5'

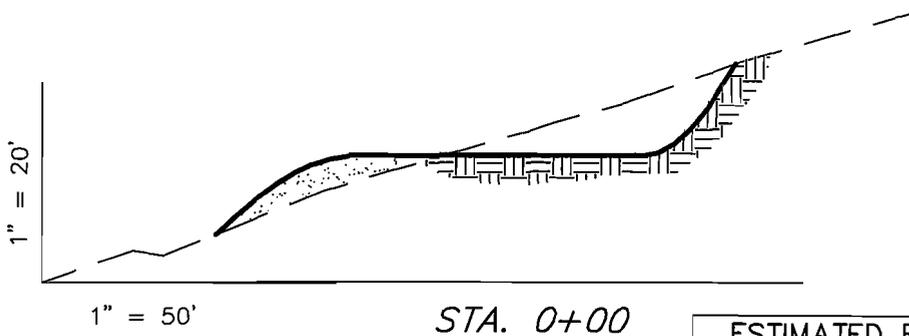
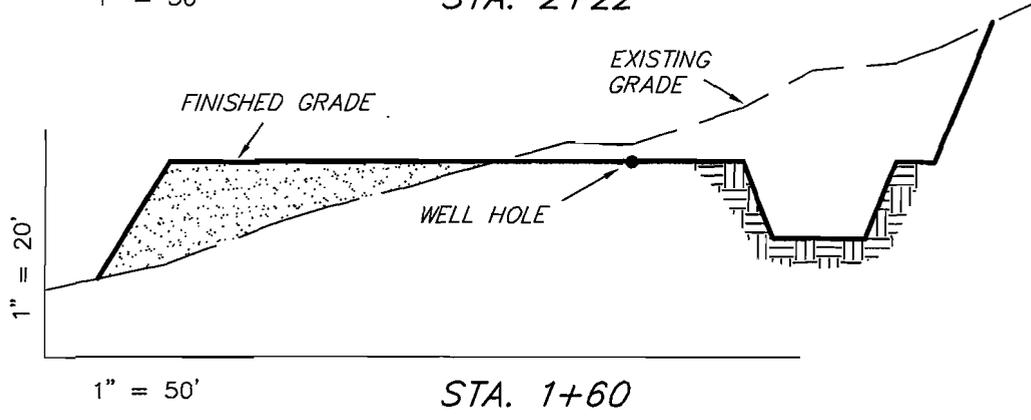
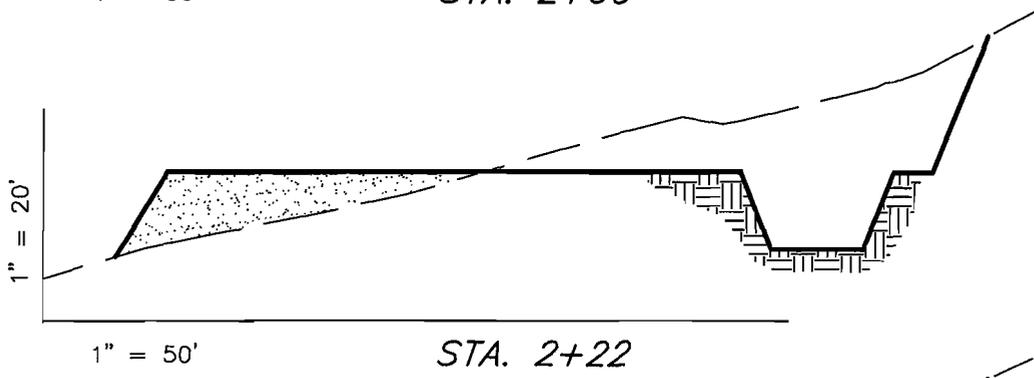
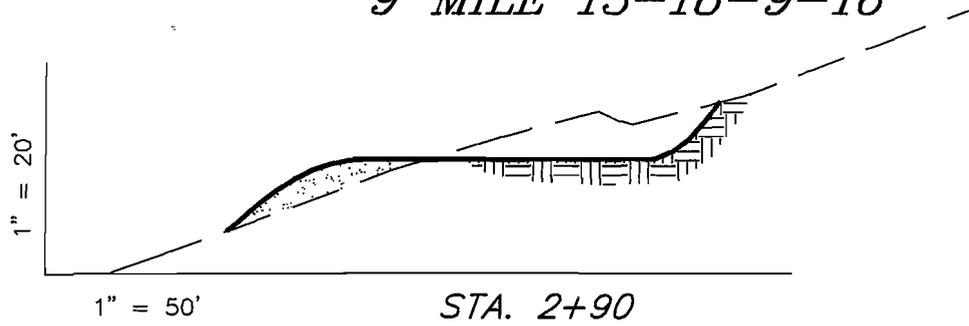
SURVEYED BY: K.G.S.	SCALE: 1" = 50'
DRAWN BY: F.T.M.	DATE: 11-22-05

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

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 13-18-9-16



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
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	4,730	4,730	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	5,370	4,730	1,060	640

SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 11-22-05

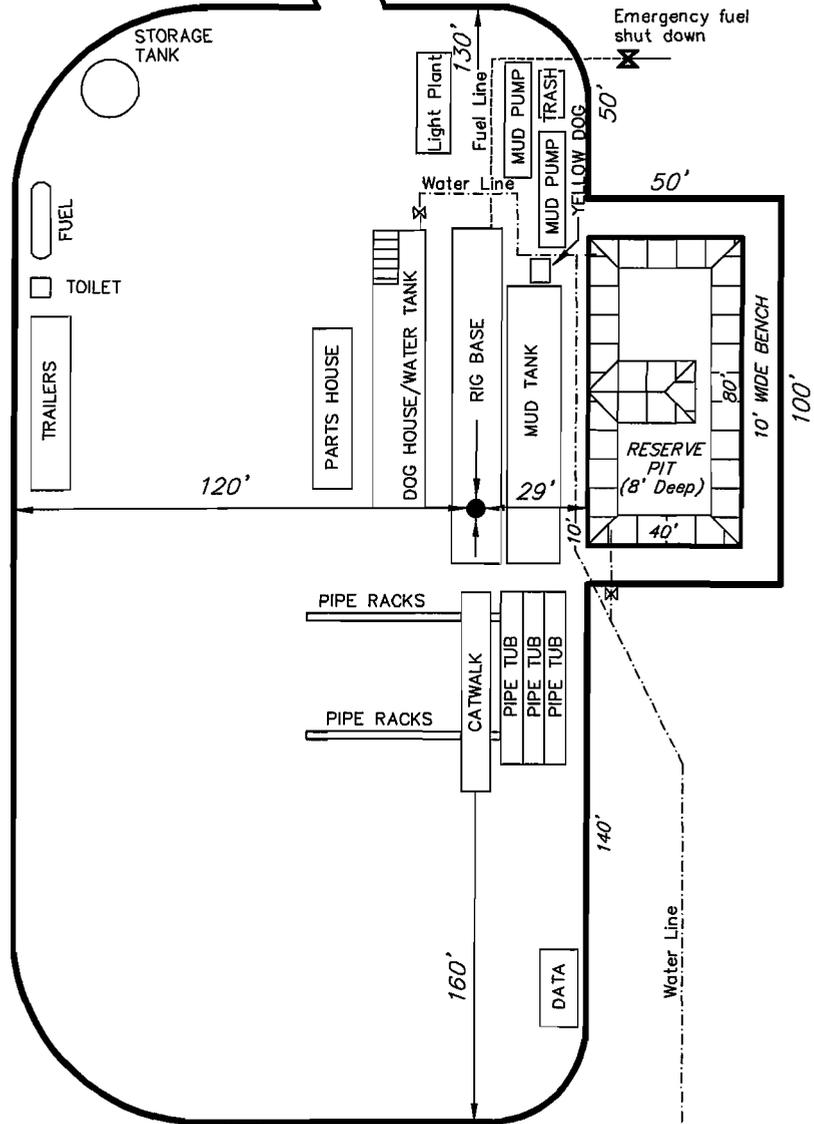
Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

9 MILE 13-18-9-16

PROPOSED ACCESS ROAD (Max. 6% Grade)



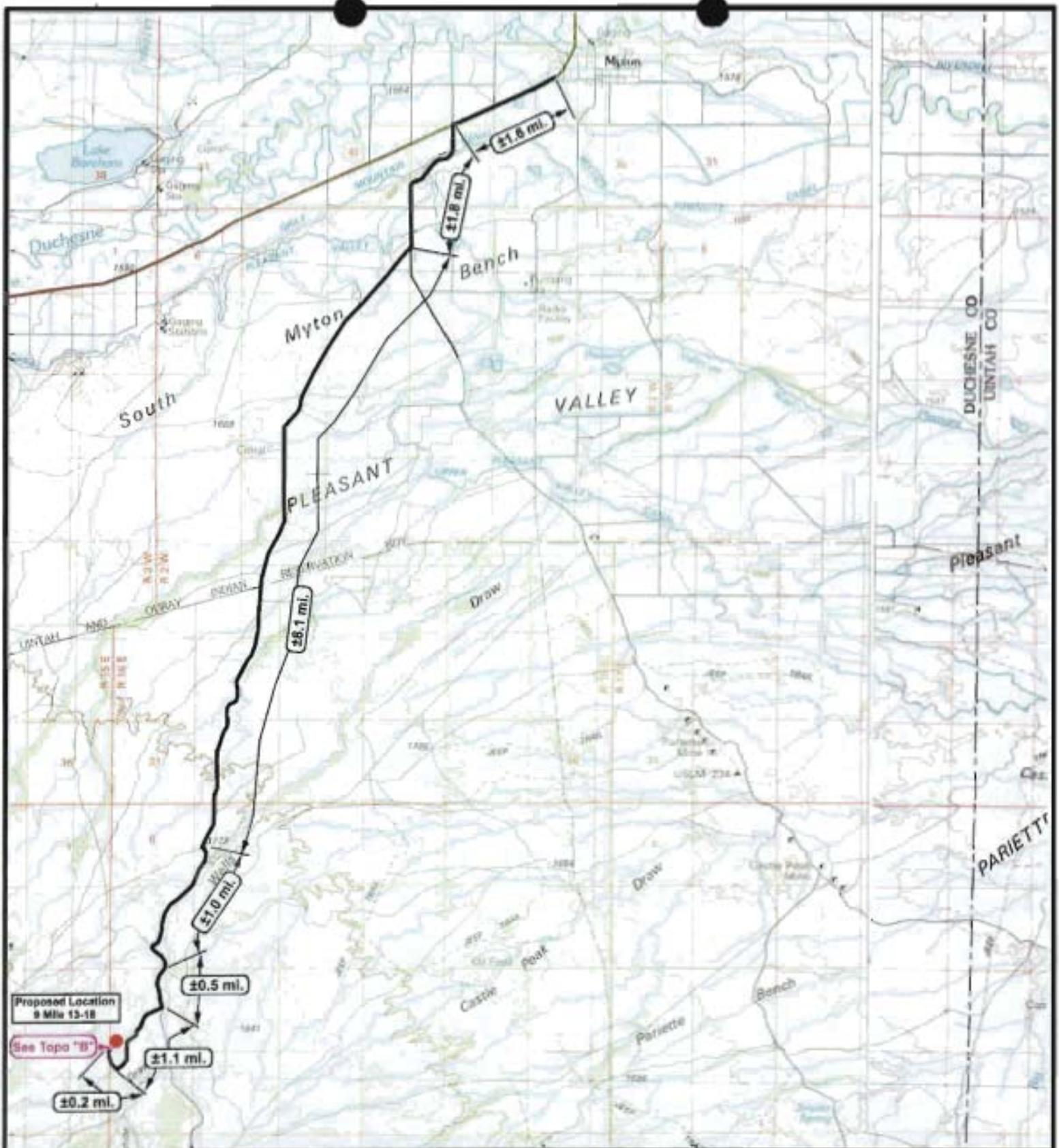
SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

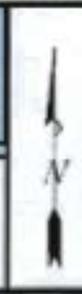
DATE: 11-22-05


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



NEWFIELD
Exploration Company

9 Mile 13-18-9-16
SEC. 18, T9S, R16E, S.L.B.&M.



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

SCALE: 1 = 100,000
DRAWN BY: bjm
DATE: 11-23-2005

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

"A"

J-74826

U-30090

U-034217A

UTU-73087

UTU-73086

U-020255

UTU-74390

UTU-79833

UTU-64379

Proposed Location
9 Mile 13-18

UTU-64379

U-52018

±1.1 mi.

Proposed Access:
±610' in sec. 18
±110' in sec. 19
±70' in sec. 24 T9S R16E

±20.2 mi.

Myron ±12.5 mi.

±0.5 mi.



NEWFIELD
Exploration Company

9 Mile 13-18-9-16
SEC. 18, T9S, R16E, S.L.B.&M.



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

SCALE: 1" = 2000'
DRAWN BY: bgm
DATE: 11-23-2005

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

"B"

J-74826

U-30090

U-034217A

UTU-73087

UTU-73086

U-020255

UTU-74390

UTU-79833

UTU-64379

Proposed Location
9 Mile 13-18

UTU-64379

U-52018

Proposed Pipelines:
±110' each in sec. 18
±110' each in sec. 19
±70' each in sec. 24 T9S R16E



NEWFIELD
Exploration Company

9 Mile 13-18-9-16
SEC. 18, T9S, R16E, S.L.B.&M.



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

SCALE: 1" = 2000'

DRAWN BY: bjm

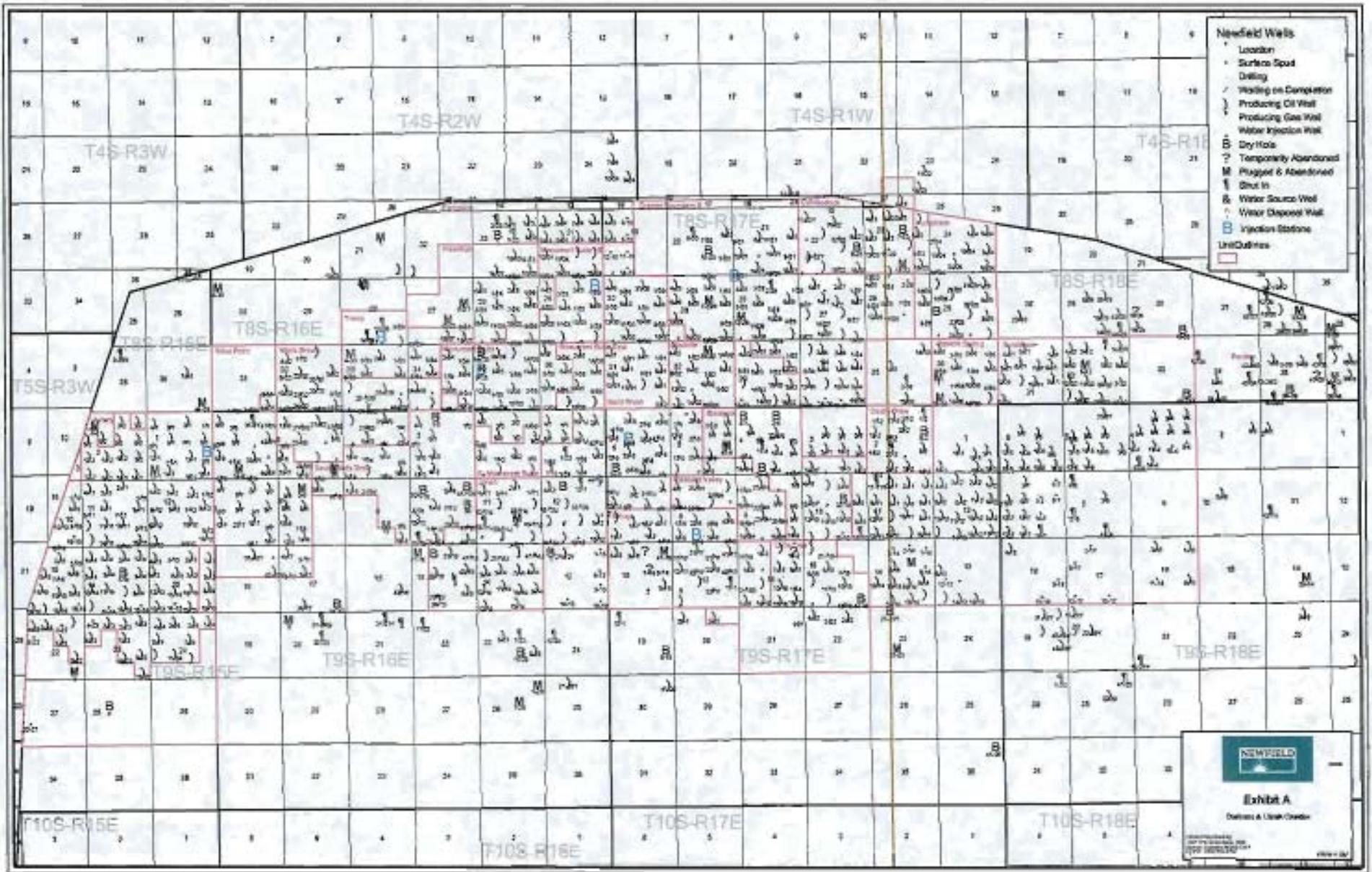
DATE: 11-23-2005

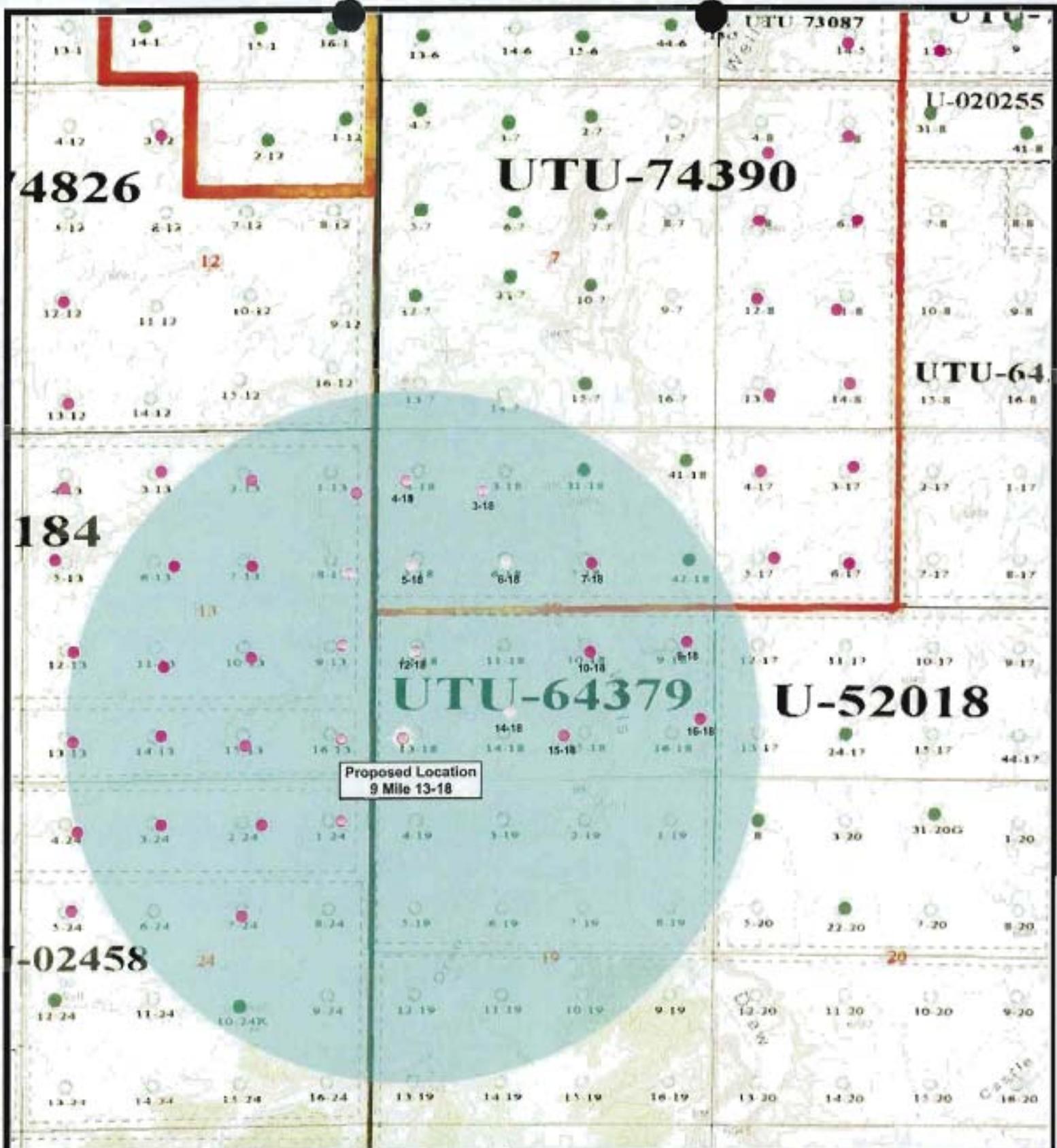
Legend

- Roads
- Existing Gas Line
- Proposed Gas Line
- Existing Water Line
- Proposed Water Line

TOPOGRAPHIC MAP

"C"





Proposed Location
9 Mile 13-18

NEWFIELD
Exploration Company

9 Mile 13-18-9-16
SEC. 18, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2001
100 North Verval Ave., Verval, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: bgm
DATE: 11-23-2005

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM
Blowout Prevention Equipment Systems

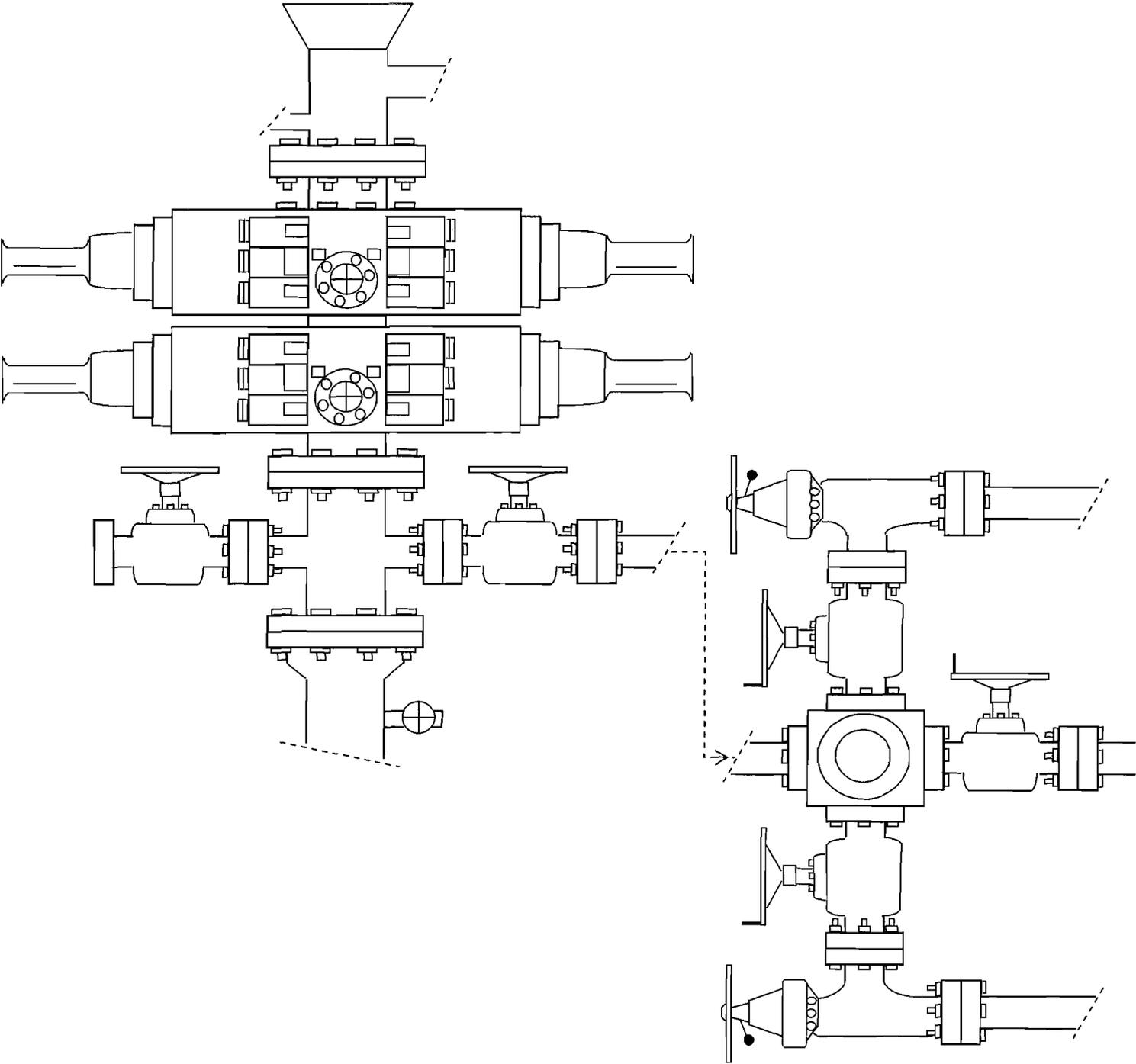


EXHIBIT C

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

By:

Kylie Lower-Eskelson
and
Keith R. Montgomery

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

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

Prepared By:

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

MOAC Report No. 04-328

January 19, 2005

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

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

NEWFIELD PRODUCTION COMPANY

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

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

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
May 11, 2005

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 12/08/2005

API NO. ASSIGNED: 43-013-32999

WELL NAME: FEDERAL 13-18-9-16
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWSW 18 090S 160E
 SURFACE: 0674 FSL 0364 FWL
 BOTTOM: 0674 FSL 0364 FWL
 DUCHESNE
 MONUMENT BUTTE (105)

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

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

LATITUDE: 40.02560
 LONGITUDE: -110.1691

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UT0056)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. MUNICIPAL)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

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

COMMENTS:

See Separate File

STIPULATIONS:

1- Federal Approval
2- Spacing Strip



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 18 T. 9S R. 16E

FIELD: MONUMENT BUTTE (105)

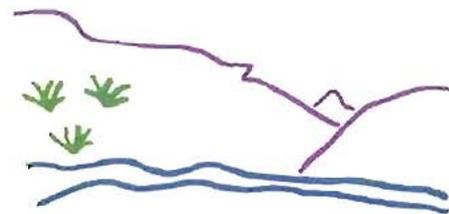
COUNTY: DUCHESNE

SPACING: R649-3-3 / EXCEPTION LOCATION

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

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

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



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 12-DECEMBER-2005



February 1, 2006

Utah Division of Oil, Gas & Mining
P.O. Box 145801
Attn: Diana Whitney
Salt Lake City, Utah 84114-5801

Re: Exception Location: Federal 13-18-9-16
Federal 14-18-9-16, Federal 15-18-9-16
Duschene Cty., Utah; Lease UTU-64379

Dear Ms. Whitney:

Pursuant to Rule R649-3-3 of the Oil & Gas Rules and Regulations of the State of Utah, Newfield Production Company, Inc. hereby requests exception locations for the drilling of the captioned wells. Rule R649-3-2 requires a well to be located in the center of a forty (40) acre quarter-quarter section, or a substantially equivalent lot or tract, with a tolerance of two hundred (200) feet in any direction from the center.

1) Fed 13-18-9-16; (SWSW Sec 18-T9S-R16E, U-64379). This location is found 57' west of the drilling window tolerance as stated in Rule R649-3-2. The attached plat depicts the proposed drillsite location and the deviation from the drilling window. The exception location is requested due to drainage.

2) Fed 14-18-9-16; (SESW Sec 18-T9S-R16E, U-64379) This location is found 179' north of the drilling window tolerance as state in Rule R649-3-2. The attached plat depicts the proposed drillsite location and the deviation from the drilling window. The exception location is requested due to the terrain.

3) Fed 15-18-9-16; (SESW Sec 18-T9S-R16E, U-64379). This location is found 190' west of the drilling window tolerance as state in Rule R649-3-2. The attached plat depicts the proposed drillsite location and the deviation from the drilling window. The exception location is requested due to the terrain.

RECEIVED

FEB 06 2006

DIV. OF OIL, GAS & MINING

Page 2

The drillsite lease and all surrounding acreage within a four hundred sixty foot (460') radius of the proposed locations are owned by Newfield Production Company and Yates Petroleum Corporation. We have contacted this owner and their consent to this location is attached.

If you have any questions or need additional information please contact me at (303)-382-4448. Thank you for your assistance in this matter.

Sincerely,

NEWFIELD PRODUCTION COMPANY

A handwritten signature in black ink that reads "Laurie Deseau". The signature is written in a cursive style with a large initial "L" and a long, sweeping underline.

Laurie Deseau
Properties Administrator

Exception Locations

Federal 13-18-9-16, UTU-64379

Federal 14-18-9-16, UTU-64379

Federal 15-18-9-16, UTU-64379

Please be advised that Yates Petroleum Corporation does not have an objection to the proposed locations of the aforementioned well.

By: *Amy Waldrop*
Senior Landman
Print Name and Title

Date: 1-27-06



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

February 7, 2006

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

Re: Federal 13-18-9-16 Well, 674' FSL, 364' FWL, SW SW, Sec. 18, T. 9 South,
R. 16 East, Duchesne County, Utah

Gentlemen:

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

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby 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 43-013-32999.

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 13-18-9-16
API Number: 43-013-32999
Lease: UTU-64379

Location: SW SW Sec. 18 T. 9 South R. 16 East

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

UTU-64379

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

8. Well Name and No.

FEDERAL 13-18-9-16

9. API Well No.

43-013-32999

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

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

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

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

674 FSL 364 FWL SW/SW Section 18, T9S R16E

11. County or Parish, State

DUCHESNE COUNTY, UT.

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

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

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

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

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

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 2/7/06 (expiration 2/7/07).

This APD has not been approved yet by the BLM.

2-8-07
RM

Approved by the
Utah Division of
Oil, Gas and Mining

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

FEB 06 2007

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

Signed

[Signature]
Mandie Crozier

Title

Regulatory Specialist

Date

2/2/2007

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

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

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

API: 43-013-32999
Well Name: Federal 13-18-9-16
Location: SW/SW Section 18, T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 2/7/2006

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

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

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

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

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

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

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

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

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

Mandi Curtis
Signature

2/2/2007
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

FEB 06 2007

RECEIVED

DEC 07 2005

BLM VERNAL, UTAH

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No. UTU-64379
6. If Indian, Allottee or Tribe Name N/A
7. If Unit or CA Agreement, Name and No. N/A
8. Lease Name and Well No. Federal 13-18-9-16
9. API Well No. 43013-32999
10. Field and Pool, or Exploratory Monument Butte
11. Sec., T., R., M., or Blk. and Survey or Area SW/SW Sec. 18, T9S R16E Lot 4
12. County or Parish Duchesne
13. State UT

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone
2. Name of Operator Newfield Production Company
3a. Address Route #3 Box 3630, Myton UT 84052
3b. Phone No. (include area code) (435) 646-3721
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/SW 674' FSL 364' FWL At proposed prod. zone
14. Distance in miles and direction from nearest town or post office* Approximatley 14.3 miles southwest of Myton, Utah
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 364' f/ise, NA' f/unit
16. No. of Acres in lease 1626.36
17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1502'
19. Proposed Depth 5910'
20. BLM/BIA Bond No. on file UT0056
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6126' GL
22. Approximate date work will start* 1st Quarter 2006
23. Estimated duration Approximately seven (7) days from sour to rig release

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 12/6/05
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) Terry Kewicka	Date 3-8-2007
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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

Conditions of approval, if any, are attached.

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

MAR 16 2007

DIV. OF OIL, GAS & MINING



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

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



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Federal 13-18-9-16
API No: 43-013-32999

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

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	435-781-4490	435-828-4470
Petroleum Engineer:	Michael Lee	435-781-4432	435-828-7875
Petroleum Engineer:	James Ashley	435-781-4470	435-828-7874
Petroleum Engineer:	Ryan Angus	435-781-4430	
Supervisory Petroleum Technician:	Jamie Sparger	435-781-4502	435-828-3913
NRS/Enviro Scientist:	Paul Buhler	435-781-4475	435-828-4029
NRS/Enviro Scientist:	Karl Wright	435-781-4484	
NRS/Enviro Scientist:	Holly Villa	435-781-4404	
NRS/Enviro Scientist:	Melissa Hawk	435-781-4476	435-828-7381
NRS/Enviro Scientist:	Chuck MacDonald	435-781-4441	
NRS/Enviro Scientist:	Jannice Cutler	435-781-3400	
NRS/Enviro Scientist:	Michael Cutler	435-781-3401	
NRS/Enviro Scientist:	Anna Figueroa	435-781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	435-781-3402	
NRS/Enviro Scientist:	Darren Williams	435-781-4447	
NRS/Enviro Scientist:	Nathan Packer	435-781-3405	
After Hours Contact Number: 435-781-4513		Fax: 435-781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify NRS/Enviro Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS/Enviro Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supervisory Petroleum Technician)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings
BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician)	- Twenty-Four (24) hours prior to initiating pressure tests
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

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

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

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

INTERIM RECLAMATION

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

Interim Reclamation Seed Mix for location:

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

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

COMPLETION AND PRODUCTION

- All Blow back fluids from completion operations shall be contained in such a manner that no oil reaches the reserve pit.
- During all road building, pad construction, drilling, well completion, producing and abandonment activities, all gasoline, diesel powered equipment used must be equipped with approved spark arresters or mufflers.

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

ABANDONED WELL – FINAL RECLAMATION

- A sundry notice shall be submitted to the BLM prior to abandonment, a final reclamation seed mix shall be designated at the time the sundry is approved.
- The cut and fill slopes shall be recontoured to original contours. The entire disturbed area shall then be back-filled with topsoil, landscaped, seeded and fenced to exclude livestock. The fence shall remain in place. It shall be removed prior to approval of final abandonment.
- The seed shall be drilled or hand broadcast and harrowed into the ground during September of the year following earthwork for initial or final reclamation. Planting depth shall not exceed one-half inch using a seed drill. Weed free mulch shall also be applied to the planting area sufficiently to uniformly cover 80% of the seeded area. Hydroseeding and mulching can also be used, but seeding rates will need to be doubled.
- When seeding *Artemisia* spp or shrubs broadcast seed and chain the area.
- Final reclamation shall be a stage process.
- If invasive or undesirable species are present in the area the location to be reclaimed will be sprayed with a pesticide in fall preferably October. (pesticide determined by the Vernal Field

Office).

- 30 days after treatment drill seed the location with 4 lbs/acre Crested wheatgrass.
- Once the desired pioneer species has established (2 yrs +) the seeded area shall be sprayed in a mosaic pattern with the above determined pesticide.
- Reseed within 30 days with an approved native final reclamation seed mix.
- Final reclamation will be considered complete once desired plants are > 5 plants per square meter and invasive or un-desirable species are < 100 plants per square meter.
- Sage Grouse Lek Nest Area—No surface use is allowed within the lek nesting areas March 1 through June 30. No drilling or construction from April 1 through July 15 to protect nesting Prairie Falcons. All production facilities shall be painted Olive Drab. 6" and 4" surface poly gas lines, 3" buried poly water return line and 3" steel buried water injection line.

General Surface COA

Operator shall notify any active Gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.

DOWNHOLE CONDITIONS OF APPROVAL

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

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- The operator's proposed production casing of 5.5" 17 #J-55 LT&C (straight string) set at a depth of 8500' does 'not' meet the regulatory standards for a collapse design coefficient greater than 1.12(depth TD 8500 ft, mud weight 10.5 g) and is therefore deficient.
- The operator is required to upgrade the production casing up to an appropriate API rated grade of production casing which will meet or exceed the regulatory standards.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).

- All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- The lessee/operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, etc.) to Peter Sokolosky or another geologist of the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and / or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 13-18-9-16

Api No: 43-013-32999 Lease Type: FEDERAL

Section 18 Township 09S Range 16E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 24

SPUDDED:

Date 10/ 04/07

Time 3:30 PM

How DRY

Drilling will Commence: _____

Reported by DON BASTIAN

Telephone # (435) 823-6012

Date 10/04/07 Signed CHD

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

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84082

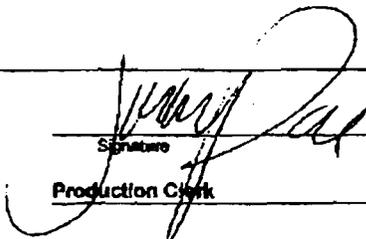
OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 1 COMMENTS:											
A	99999	16408	4301333082	FEDERAL 1-24-9-16	NENE	24	9S	16E	DUCHESNE	10/10/2007	10/17/07
GRUV											
A	99999	16409	4301332999	FEDERAL 13-18-9-16	SWSW	18	9S	16E	DUCHESNE	10/4/2007	10/17/07
GRUV											
A	99999	16410	4301333180	FEDERAL 13-23-9-16	SWSW	23	9S	18E	DUCHESNE	10/5/2007	10/17/07
GRUV											
A	99999	16411	4301333085	FEDERAL 7-24-9-16	SWNE	24	9S	16E	DUCHESNE	10/8/2007	10/17/07
WELL 5 COMMENTS: GRUV											
A	99999	16412	4301333160	FEDERAL 11-19-9-16	NESW	19	9S	16E	DUCHESNE	10/9/2007	10/17/07
WELL 6 COMMENTS: GRUV											

ACTION CODES (See instructions on back of form)

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

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


 Signature _____ Jentri Park
 Production Clerk _____ 10/11/07
 Date

RECEIVED

OCT 11 2007

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Serial No.
USA UTU-64379

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
FEDERAL 13-18-9-16

9. API Well No.
4301332999

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
. UT

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
674 FSL 364 FWL
SWSW Section 18 T9S R16W

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

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 10/4/07 MIRU Ross # 24. Spud well @ 3:00 PM. Drill 325' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 323 KB. On 10/6/07 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 5 bbls cement to pit. WOC.

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

Justin Crum
Signature *Justin Crum*

Title
Drilling Foreman

Date
10/06/2007

Approved by _____
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 _____
Office _____
Date _____

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

RECEIVED
OCT 11 2007

LAST CASING 8 5/8" set @ 323.46
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 325 LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
 WELL Federal 13-18-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI NS # 1

LOG OF CASING STRING:								
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH	
		Shoe	44.31					
		WHI - 92 csg head			8rd	A	0.95	
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	312.56	
		GUIDE shoe			8rd	A	0.9	
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			313.46	
TOTAL LENGTH OF STRING		313.46	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			323.46	
TOTAL		311.61	7	} COMPARE				
TOTAL CSG. DEL. (W/O THRDS)		311.61	7					
TIMING		1ST STAGE						
BEGIN RUN CSG.		Spud	10/4/2007	3:00 AM	GOOD CIRC THRU JOB			YES
CSG. IN HOLE			10/6/2007		Bbls CMT CIRC TO SURFACE			5
BEGIN CIRC			10/6/2007		RECIPROCATED PIPE FOR			
BEGIN PUMP CMT			10/6/2007					
BEGIN DSPL. CMT			10/6/2007		BUMPED PLUG TO			98
PLUG DOWN			10/6/2007					
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 Justin Crum DATE 10/6/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

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 area code)
 435 646 3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 674 FSL 364 FWL
 SWSW Section 18 T9S R16E

5. Lease Serial No.
 USA UTU-64379

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
 FEDERAL 13-18-9-16

9. API Well No.
 4301332999

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

11. County or Parish, State
 , UT

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

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

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

On 10/9/07 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 280'. 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, 154 jt's of 5.5 J-55, 15.5# csgn. Set @ 5985' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 400 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 11 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 92,000 #s tension. Release rig @ 1:30 AM on 10/14/07.

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

Title
 Drilling Foreman
 Date
 11/04/2007

THE ASSISTANT FEDERAL LAND MANAGER

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

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

(Instructions on reverse)

RECEIVED

NOV 07 2007

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5985.17

Flt cllr @

LAST CASING 8 5/8" SET AT 323'

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Federal 13-18-9-16

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # NDSI # 1

TD DRILLER 6000' LOGGER 6005

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 4005' (6.20')					
153	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5932.59
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	39.33
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5987.17
TOTAL LENGTH OF STRING		5987.17	154	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		193.29	5	CASING SET DEPTH			5985.17
TOTAL		6165.21	159	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6165.21	159				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.				GOOD CIRC THRU JOB <u>Yes</u>			
CSG. IN HOLE				Bbls CMT CIRC TO SURFACE <u>11</u>			
BEGIN CIRC				RECIPROCATED PIPE FOR <u>THRUSTROKE</u>			
BEGIN PUMP CMT				DID BACK PRES. VALVE HOLD ? <u>Yes</u>			
BEGIN DSPL. CMT				BUMPED PLUG TO <u>1900</u> PSI			
PLUG DOWN							
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	300	Premiite II w/ 10% gel + 3 % KCL, 3#'s /sk CSE + 2# sk/kolseal + 1/4#'s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2	400	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Justin Crum

DATE 10/13/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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



1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 674 FSL 364 FWL
 SWSW Section 18 T9S R16E

5. Lease Serial No.
 USA UTU-64379

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
 FEDERAL 13-18-9-16

9. API Well No.
 4301332999

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

11. County or Parish, State
 , UT

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

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

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

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

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

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

I hereby certify that the foregoing is true and correct (Printed/ Typed) Mandie Crozier	Title Regulatory Specialist
Signature 	Date 11/05/2007



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

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

(Instructions on reverse)

RECEIVED

NOV 08 2007

DIV. OF OIL, GAS & MINING

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

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR:
 NEWFIELD PRODUCTION COMPANY

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

4. LOCATION OF WELL:
 FOOTAGES AT SURFACE: 674 FSL 364 FWL COUNTY:

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSW, 18, T9S, R16E STATE: UT

8. WELL NAME and NUMBER:
 FEDERAL 13-18-9-16

9. API NUMBER:
 4301332999

10. FIELD AND POOL, OR WILDCAT:
 MONUMENT BUTTE

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 11/02/2007	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 The above subject well was completed on 11/2/07, attached is a daily completion status report.

NAME (PLEASE PRINT) Tammi Lee TITLE Production Clerk

SIGNATURE Tammi Lee DATE 11/29/2007

(This space for State use only)

RECEIVED
DEC 03 2007
 DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 13-18-9-16**9/1/2007 To 1/30/2008****10/26/2007 Day: 1****Completion**

Rigless on 10/25/2007 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5902' & cement top @ 106'. Perforate stage #1. CP3 sds @ 5697-5704' w/ 3 1/8" slick gun (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 28 shots. RD WLT. SIFN W/ est 140 BWTR.

10/31/2007 Day: 2**Completion**

Rigless on 10/30/2007 - RU BJ Services. 50 psi on well. Frac CP3 sds w/ 14,620#'s of 20/40 sand in 97 bbls of Lightning 17 fluid. Broke @ 2463 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1905 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 1650 psi. Leave pressure on well. 437 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 9' perf gun. Set plug @ 5590'. Perforate LODC sds @ 5476- 85' w/ 3-1/8" Slick Guns w/ 4 spf for total of 36 shots. RU BJ Services. 1350 psi on well. Frac LODC sds w/ 14,860#'s of 20/40 sand in 283 bbls of Lightning 17 fluid. Broke @ 3252 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2275 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2160 psi. Leave pressure on well. 720 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 12' perf gun. Set plug @ 5380'. Perforate LODC sds @ 5264- 76' w/ 3-1/8" Slick Guns w/ 4 spf for total of 48 shots. RU BJ Services. 1535 psi on well. Frac LODC sds w/ 84,724#'s of 20/40 sand in 672 bbls of Lightning 17 fluid. Broke @ 3887 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1940 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2205 psi. Leave pressure on well. 1392 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 5' perf gun. Set plug @ 5010'. Perforate B2 sds @ 4906- 11' w/ 3-1/8" Slick Guns w/ 4 spf for total of 20 shots. RU BJ Services. 1950 psi on well. Frac B2 sds w/ 19,569#'s of 20/40 sand in 313 bbls of Lightning 17 fluid. Broke @ 3965 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2260 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 1845 psi. Leave pressure on well. 1705 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 6' perf gun. Set plug @ 4820'. Perforate D3 sds @ 4715- 21' w/ 3-1/8" Slick Guns w/ 4 spf for total of 24 shots. RU BJ Services. 1555 psi on well. Frac D3 sds w/ 24,711#'s of 20/40 sand in 342 bbls of Lightning 17 fluid. Broke @ 3410 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1960 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISIP 1890 psi. Leave pressure on well. 2047 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 5' perf gun. Set plug @ 4680'. Perforate D1 sds @ 4629- 34' w/ 3-1/8" Slick Guns w/ 4 spf for total of 20 shots. RU BJ Services. 1560 psi on well. Frac D1 sds w/ 17,447#'s of 20/40 sand in 270 bbls of Lightning 17 fluid. Broke @ 3246 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2298 psi @ ave rate of 24.8 BPM. ISIP 2150 psi. Begin immediate flowback on 12/64

choke @ 1 BPM. Flowed for 5 1/2 hrs & died. Rec 307 BTF. SIWFN w/ 2010 BWTR.

11/1/2007 Day: 3

Completion

Western #4 on 10/31/2007 - MIRU Western rig #4. 210 psi on well. Bleed off well. ND Cameron BOP & 5M WH. NU 3M WH & Schaffer BOP. Talley, PU & RIH w/ 4 3/4" bit, Bit sub & 151 jts of 2 7/8" J-55 tbg. Tagged sand @ 4648'. RU Nabors power swivel. Circulate sand & Drill out plugs. Sand @ 4648', Plug @ 4680' (Drilled out in 20 mins), Sand @ 4781', Plug @ 4820' (Drilled out in 25 mins), Sand @ 4988', Plug @ 5010' (Drilled out in 20 mins), Sand @ 5271', Plug @ 5380' (Drilled out in 20 mins). Circulate well clean w/ EOT @ 5397'. SIWFN w/ 2080 BWTR.

11/2/2007 Day: 4

Completion

Western #4 on 11/1/2007 - 0 psi on well. Bleed off well. Con't TIH w/ tbg. Tagged plug @ 5590' (Drilled out in 15 mins). TIH w/ tbg. Tagged fill @ 5870'. C/O to PBSD @ 5945' RD Nabors power swivel. LD 2 jts of tbg. EOT @ 5891'. RU swab equipment. IFL @ sfc. Made 14 runs. Rec 135 BTF. FFL @ 1500', Trace of oil, No sand. RD swab. TIH w/ 2-jts of tbg. Tagged @ 5945' (No new fill). Circulate well clean. LD extra tbg. TOOH w/ tbg. LD bit & bit sub. TIH w/ production tbg as follows: NC, 2-jts, SN, 2-jts, TA, 182-jts of 2 7/8" J-55 tbg. Unable to set TA. Circulate well w/ 50 BW. Set TA, Release TA. ND BOP. Unable to set TA again. NU BOP & SIWFN w/ 2045 BWTR.

11/3/2007 Day: 5

Completion

Western #4 on 11/2/2007 - 0 psi on well. TOH w/ production tbg. PU new TA. TIH w/ production as follows: NC, 2-jts, SN, 2-jts, TA, 182 jts of 2 7/8" J-55 tbg. ND BOP. Set TA w/ 16,000#'s of tension @ 5650' W/ SN @ 5711' & EOT @ 5775'. Land tbg. NU wellhead. RU rig pump & flush tbg W/ 60 BW. PU & TIH W/ pump and "B" grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 20' RHAC pump, 6-1 1/2" weight rods, 20-3/4" scraped rods, 103-3/4" plain rods, 98-7/8" scraped rods, 2-4' & 1-2' X 7/8" pony rods and 1 1/2" X 26' polished rod (New). Seat pump & RU pumping unit. Fill tbg w/ 3 bbls of wtr, pressure test tbg & pump W/ unit to 800 psi. Good pump action. RDMOSU. Est 2060 BWTR. Place well on production @ 5:00 PM 11/2/2007 W/ 102" SL @ 5 SPM FINAL REPORT!!

Pertinent Files: Go to File List

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DEC 03 2007

DIV. OF OIL, GAS & MINING

(See other instructions on reverse side)

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

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

<p>1a. TYPE OF WORK</p> <p align="center">OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____</p> <p>1b. TYPE OF WELL</p> <p align="center">NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR. <input type="checkbox"/> Other _____</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. UTU-64379</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA</p> <p>7. UNIT AGREEMENT NAME Castle Peak Area</p> <p>8. FARM OR LEASE NAME, WELL NO. Federal 13-18-9-16</p>
---	--

2. NAME OF OPERATOR
Newfield Exploration Company

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

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*
At Surface **674' FNL & 364' FWL (SW/SW) Sec. 18, T9S, R16E**
At top prod. Interval reported below

14. API NO. 43-013-32999	DATE ISSUED 02/07/07	12. COUNTY OR PARISH Duchesne	13. STATE UT
------------------------------------	--------------------------------	---	------------------------

15. DATE SPUDDED 10/04/07	16. DATE T.D. REACHED 10/13/07	17. DATE COMPL. (Ready to prod.) 11/02/07	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6126' GL	19. ELEV. CASINGHEAD 6138' KB
-------------------------------------	--	---	--	---

20. TOTAL DEPTH, MD & TVD 6000'	21. PLUG BACK T.D., MD & TVD 5945'	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 4629'-5485'

25. WAS DIRECTIONAL SURVEY MADE
No

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

27. WAS WELL CORED
No

CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	323'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5985'	7-7/8"	300 sx Premlite II and 400 sx 50/50 Poz	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5775'	TA @ 5650'

31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	
(CP3) 5697'-5704'	.49"	4/28	5697'-5704'	Frac w/ 14,620# 20/40 sand in 297 bbls fluid	
(LODC) 5476'-5485'	.49"	4/36	5476'-5485'	Frac w/ 14,860# 20/40 sand in 283 bbls fluid	
(LODC) 5264'-5276'	.49"	4/48	5264'-5276'	Frac w/ 84,724# 20/40 sand in 672 bbls fluid	
(B2) 4906'-4911'	.49"	4/20	4906'-4911'	Frac w/ 19,569# 20/40 sand in 313 bbls fluid	
(D3) 4715'-4721'	.49"	4/24	4715'-4721'	Frac w/ 24,711# 20/40 sand in 342 bbls fluid	
(D1) 4629'-4634'	.49"	4/20	4629'-4634'	Frac w/ 17,447# 20/40 sand in 270 bbls fluid	

33.* **PRODUCTION**

DATE FIRST PRODUCTION 11/03/07	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 16' x 20' RHAC SM Plunger Pump	WELL STATUS (Producing or shut-in) PRODUCING					
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
			----->	50	70	17	1400

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)
		----->				

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

TEST WITNESSED BY
DEC 17 2007

35. LIST OF ATTACHMENTS

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

SIGNED Jentri Park TITLE Production Technician DATE 11/28/2007

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	TRUE VERT. DEPTH
			<p style="text-align: center;">Well Name Federal 13-18-9-16</p>	Garden Gulch Mkr	3628'
				Garden Gulch 1	3837'
				Garden Gulch 2	3942'
				Point 3 Mkr	4190'
				X Mkr	4457'
				Y-Mkr	4491'
				Douglas Creek Mkr	4599'
				BiCarbonate Mkr	4810'
				B Limestone Mkr	4927'
				Castle Peak	5498'
			Basal Carbonate	5936'	
			Total Depth (LOGGERS)	5985'	

NEWFIELD



Well Name: Federal 13-18-9-16
 LOCATION: S18, T9S, R16E
 COUNTY/STATE: Duchesne
 API: 43-013-32999

Spud Date: 10-4-07
 TD: 6000'
 CSG: 10-13-07
 POP: 11-2-07

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	SPM	Comments
11/2/2007				2060				POP @ 5:00 P.M. w/ 102" SL @ 5 SPM. 2060 Total water to recover.
11/3/2007	17	0	83	1977	8	54	5 1/2	
11/4/2007	24	5	111	1866	0	52	5 1/2	Needs gas sales line.
11/5/2007	24	62	93	1773	0	65	5 1/2	
11/6/2007	24	80	39	1734	40	60	5 1/2	
11/7/2007	24	88	46	1688	49	48	5 1/2	
11/8/2007	24	44	43	1645	38	68	5 1/2	
11/9/2007	24	73	23	1622	59	55	5 1/2	
11/10/2007	24	85	28	1594	67	65	5	
11/11/2007	17	52	17	1577	54	58	5	Down - overspeed
11/12/2007	24	46	15	1562	57	65	5 1/2	
11/13/2007	24	86	30	1532	62	58	5	
11/14/2007	24	56	20	1512	63	58	5 1/2	
11/15/2007	24	45	16	1496	54	58	5 1/2	
11/16/2007	24	38	13	1483	76	50	5 1/2	
11/17/2007	24	58	18	1465	64	55	5 1/2	
11/18/2007	24	43	10	1455	65	58	5	
11/19/2007	24	45	19	1436	64	58	5 1/2	
11/20/2007	24	33	10	1426	72	55	5 1/2	
11/21/2007	24	43	10	1416	54	58	5 1/2	
11/22/2007	24	25	3	1413	62	53	5 1/2	
11/23/2007	24	35	16	1397	58	60	5 1/2	
11/24/2007	24	36	1	1396	58	60	5 1/2	
11/25/2007	24	26	4	1392	54	58	5 1/2	
11/26/2007	24	26	3	1389	56	60	5 1/2	
11/27/2007	24	31	8	1381	51	60	5 1/2	
11/28/2007	24	28	6	1375	21	55	5 1/2	
11/29/2007	24	30	3	1372	33	60	5 1/2	
11/30/2007				1372				
12/1/2007				1372				
12/2/2007				1372				
12/3/2007				1372				
		1219	688		1339			

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FEDERAL 13-18-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013329990000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0674 FSL 0364 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 18 Township: 09.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/17/2012	<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 04/11/2012. On 04/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 04/17/2012 the casing was pressured up to 1300 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 a State representative available to witness the test - Chris Jensen.

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

Date: May 07, 2012

By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 4/20/2012	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

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

Witness: _____ Date 4/17/12 Time 11:00 am pm

Test Conducted by: DAVE CLOWARD

Others Present: Michael Jensen

Well: <u>FEDERAL 13-18-9-16</u>	Field: <u>FEDERAL 13-18-9-16</u>
Well Location: <u>FEDERAL 13-18-9-16</u>	<u>Duchesne County, Utah UTU 87538X</u>
<u>SW/SW SEC. 18, T9S, R16E</u>	API No: <u>43-013-32999</u>

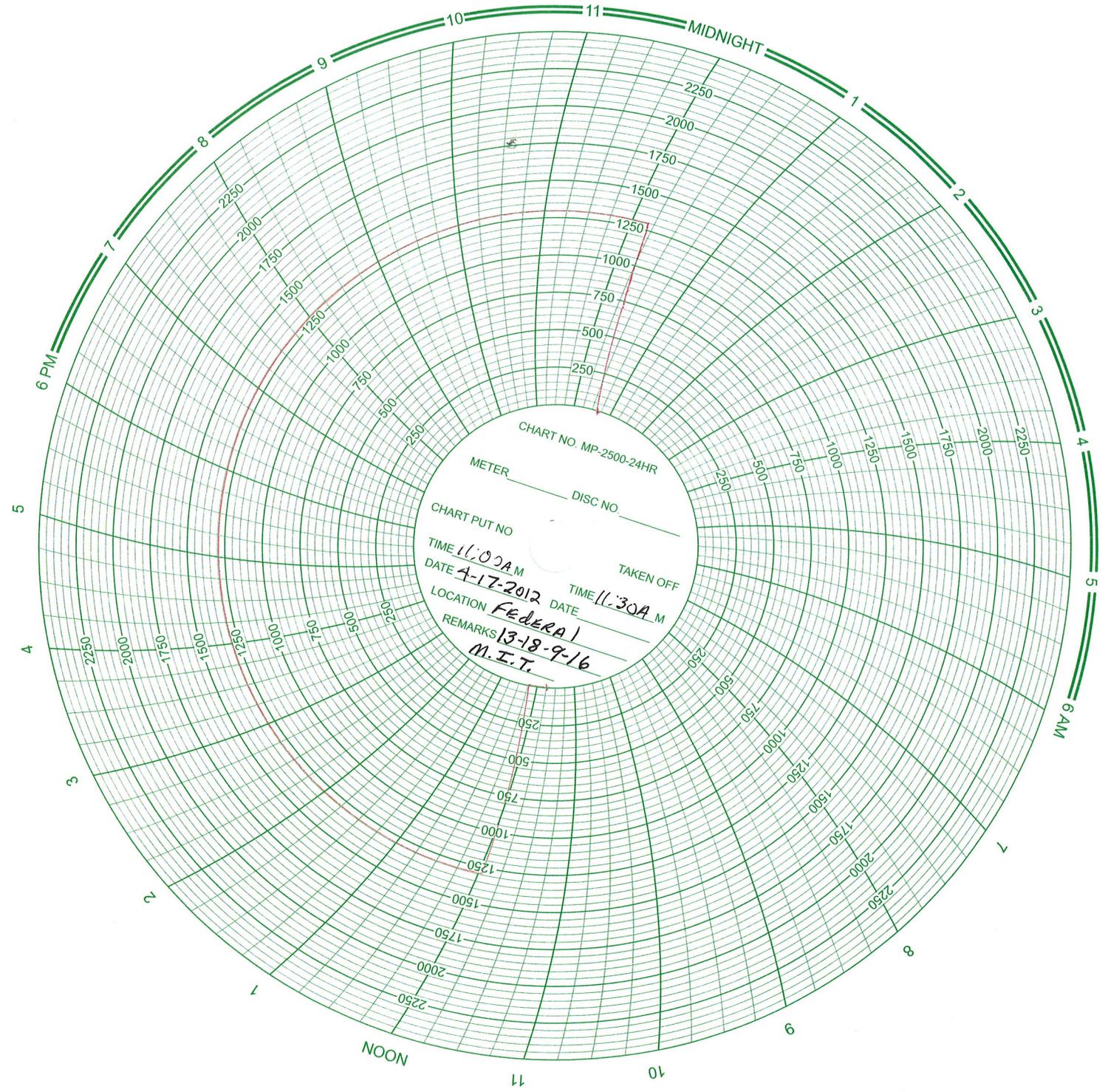
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1300</u>	psig
5	<u>1300</u>	psig
10	<u>1300</u>	psig
15	<u>1300</u>	psig
20	<u>1300</u>	psig
25	<u>1300</u>	psig
30 min	<u>1300</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 0 psig

Result: Pass Fail

Signature of Witness: [Signature]

Signature of Person Conducting Test: David Cloward



POOH Breaking & Doping Jts Flush Tbg w/ 35 bbls Cont POOH & LD on trailer w/ 38 Jts. SWIFN - Safety meeting. JSA. Rig down move over from 13-10-9-16 MIRU pump 60 bbls down csg Unseat Pump flush Rods w/ 40 bbls, Resat Pump Fill Tbg w/ 5bbls press test to 3000psi (Good Test) POOH w/ Rods Stop & Flush # More Times. SWIFN - Safety meeting. JSA. Rig down move over from 13-10-9-16 MIRU pump 60 bbls down csg Unseat Pump flush Rods w/ 40 bbls, Resat Pump Fill Tbg w/ 5bbls press test to 3000psi (Good Test) POOH w/ Rods Stop & Flush # More Times. SWIFN - Safety meeting. JSA. Rig down move over from 13-10-9-16 MIRU pump 60 bbls down csg Unseat Pump flush Rods w/ 40 bbls, Resat Pump Fill Tbg w/ 5bbls press test to 3000psi (Good Test) POOH w/ Rods Stop & Flush # More Times. SWIFN - Safety Meeting, JSA, TIH w/ 5-1/2 Inj PKR Pump 10 bbls pad Drop SV fill Tbg w/ 20 bbls press test to 3000psi (took 2 times to get good test) RIH w/ Sand Line Retrieve SV POOH RD Tbg Equip. ND BOPs Mix & pump PKR Fuild Set PKR @ 4581 CE. Fill csg w/ 10 bbls press test to 1400 psi (2 times) To Windy to Rig Down - Safety Meeting, JSA, TIH w/ 5-1/2 Inj PKR Pump 10 bbls pad Drop SV fill Tbg w/ 20 bbls press test to 3000psi (took 2 times to get good test) RIH w/ Sand Line Retrieve SV POOH RD Tbg Equip. ND BOPs Mix & pump PKR Fuild Set PKR @ 4581 CE. Fill csg w/ 10 bbls press test to 1400 psi (2 times) To Windy to Rig Down - Safety Meeting, JSA, TIH w/ 5-1/2 Inj PKR Pump 10 bbls pad Drop SV fill Tbg w/ 20 bbls press test to 3000psi (took 2 times to get good test) RIH w/ Sand Line Retrieve SV POOH RD Tbg Equip. ND BOPs Mix & pump PKR Fuild Set PKR @ 4581 CE. Fill csg w/ 10 bbls press test to 1400 psi (2 times) To Windy to Rig Down - Safety Meeting. JSA. ND WH Release TAC, NU BOPs RIH w/ sandline, Tag fill @ 5934' POOH Breaking & Doping Jts Flush Tbg w/ 35 bbls Cont POOH & LD on trailer w/ 38 Jts. SWIFN - Safety Meeting. JSA. ND WH Release TAC, NU BOPs RIH w/ sandline, Tag fill @ 5934' POOH Breaking & Doping Jts Flush Tbg w/ 35 bbls Cont POOH & LD on trailer w/ 38 Jts. SWIFN - Safety Meeting. JSA. ND WH Release TAC, NU BOPs RIH w/ sandline, Tag fill @ 5934' POOH Breaking & Doping Jts Flush Tbg w/ 35 bbls Cont POOH & LD on trailer w/ 38 Jts. SWIFN

Daily Cost: \$0

Cumulative Cost: \$73,384

4/18/2012 Day: 4**Conversion**

Rigless on 4/18/2012 - Conduct initial MIT - On 04/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 04/17/2012 the casing was pressured up to 1300 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 a State representative available to witness the test - Chris Jensen. - On 04/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 04/17/2012 the casing was pressured up to 1300 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 a State representative available to witness the test - Chris Jensen. - On 04/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 04/17/2012 the casing was pressured up to 1300 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 a State representative available to witness the test - Chris Jensen. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$118,085

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Water Injection Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: FEDERAL 13-18-9-16
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013329990000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0674 FSL 0364 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 18 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: 5/25/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Put on Injection"/>

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

The above reference well was put on injection at 8:50 AM on
05/25/2012.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
May 25, 2012**

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



RECEIVED
FEB 17 2012
DIV. OF OIL, GAS & MINING

February 9, 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 #13-18-9-16
Monument Butte Field, Lease #UTU-64379
Section 18-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #13-18-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg", with a long horizontal line extending to the right.

Eric Sundberg
Regulatory Lead

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #13-18-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-64379
FEBRUARY 9, 2012

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ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

FEDERAL 13-18-9-16

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

Initial Production: BOPD,
 MCFD, BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

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

PRODUCTION CASING

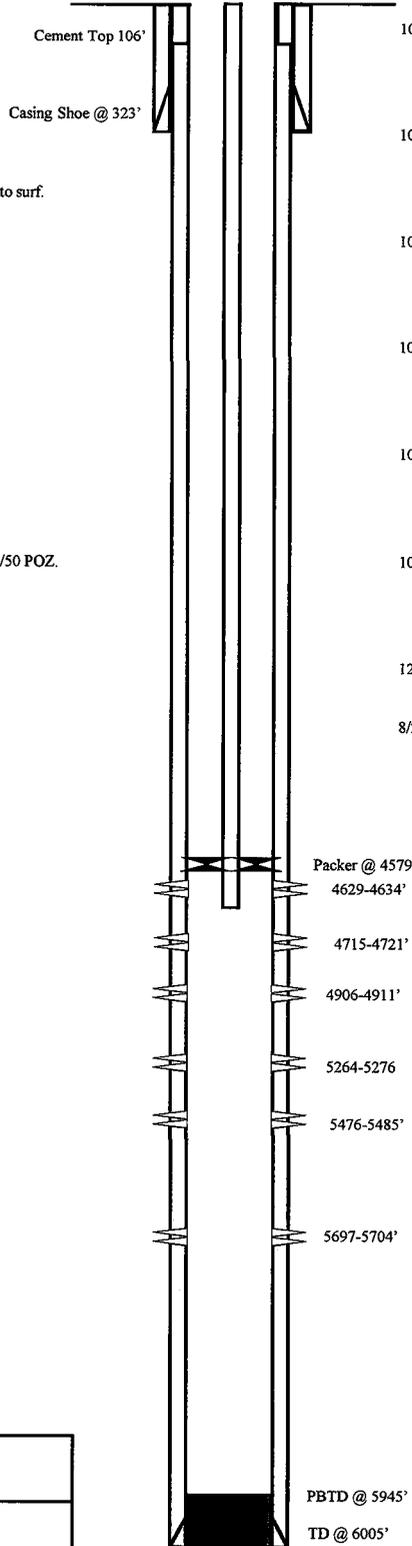
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 154 jts. (5971.92')
 DEPTH LANDED: 5985.17' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP: 106'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 182 jts (5642.2')
 TUBING ANCHOR: 5654.2' KB
 NO. OF JOINTS: 2 jts (58.50')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5715.5' KB
 NO. OF JOINTS: 2 jts (61.90')
 TOTAL STRING LENGTH: EOT @ 5779.1' KB

FRAC JOB

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



PERFORATION RECORD

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

NEWFIELD

FEDERAL 13-18-9-16

674' FSL & 364' FWL

SW/SW Section 18-T9S-R16E

Duchesne Co, Utah

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

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 #13-18-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

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

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

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

The injection zone is in the Green River Formation. For the Federal #13-18-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3942' - 5945'). 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 3606' and the TD is at 6005'.

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

The referenced log for the Federal #13-18-9-16 is on file with the Utah Division of Oil, Gas and Mining.

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

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

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

See Attachment B.

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

See Attachment C.

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

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

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

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

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

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

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

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

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

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

The casing program is 8-5/8", 24# surface casing run to 323' KB, and 5-1/2", 15.5# casing run from surface to 5985' 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 #13-18-9-16, for existing perforations (4629' - 5704') calculates at 0.72 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 3606' and 6005'. 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 #13-18-9-16, the proposed injection zone (3942' - 5945') 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-13.

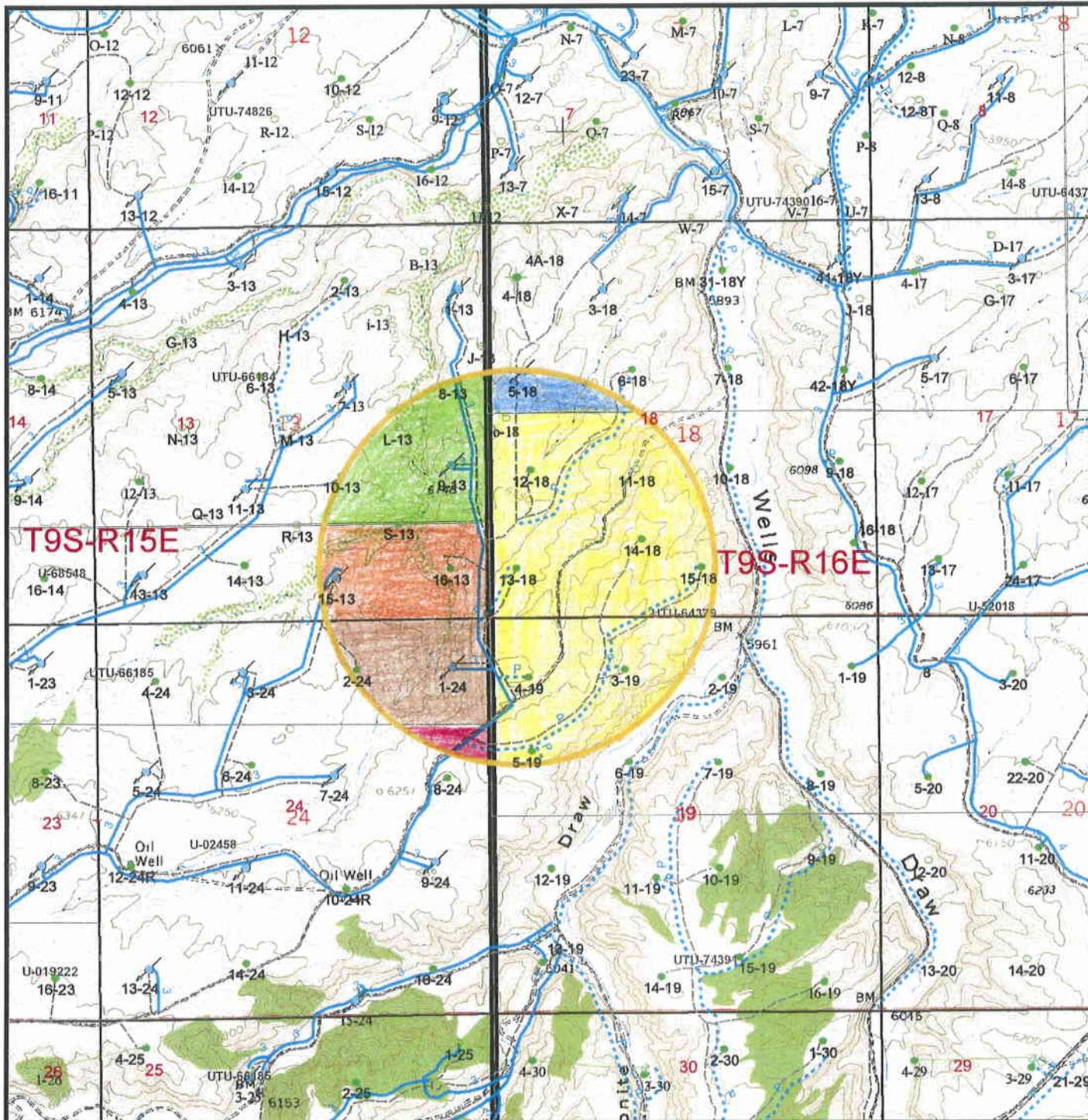
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

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

See Attachment C.

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

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



WellStatus_HalfMile_Buffer

Well Status

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

Injection system

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

Leases

Mining tracts

UTU
64379

UTU
74390

UTU
66184

UTU
68548

UTU
66185

UTU
2458

Federal 13-18
Section 18, T9S-R16E

NEWFIELD

ROCKY MOUNTAINS

1 1/2 Mile Radius Map
Duchesne & Uintah Counties

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

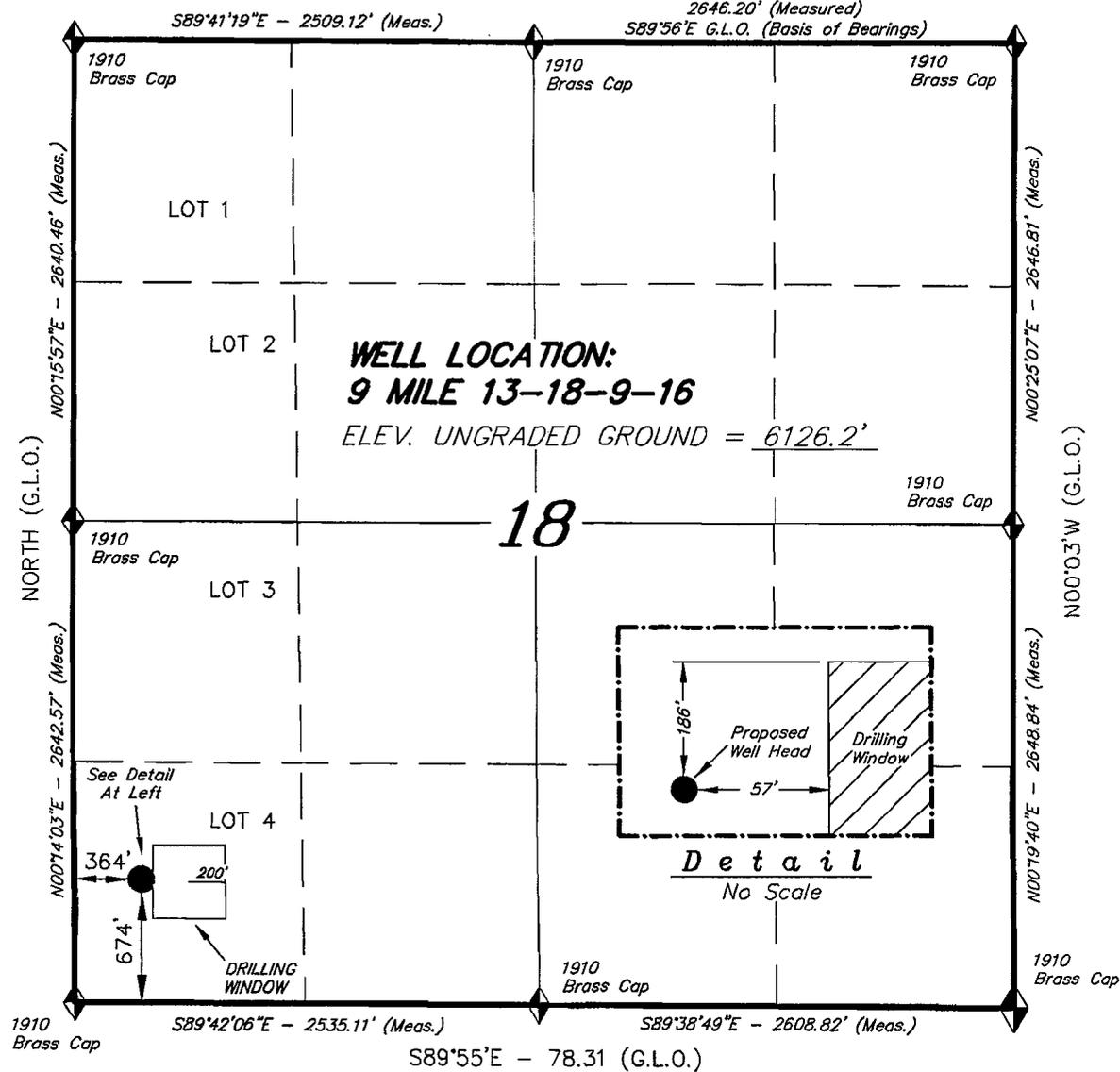
Dec. 12, 2011

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

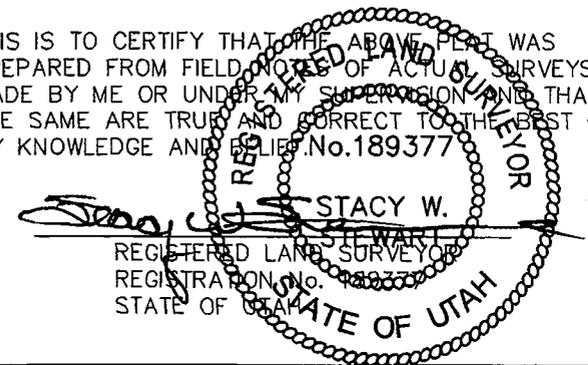
S89°56'E - 78.00 (G.L.O.)

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 13-18-9-16,
 LOCATED AS SHOWN IN THE SW 1/4 SW
 1/4 OF SECTION 18, 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 13-18-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 01' 31.79"
 LONGITUDE = 110° 10' 11.32"

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 11-20-05	SURVEYED BY: K.G.S.
DATE DRAWN: 11-22-05	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, LOTS 3, 4 Section 19: NE, E2NW, LOTS 1,2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corp	USA
2	T9S-R16E SLM Section 6: ALL Section 7: ALL Section 8: W2 Section 17: NW Section 18: NE, E2NW, LOTS 1,2	USA UTU-74390 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO INDUSTRIES INC OXY Y-1 Company Yates Petroleum Corporation	USA
3	T9S-R15E SLM Section 13: N2, N2S2 Section 14: N2, N2S2 Section 15: E2, LOTS 1-3	USA UTU-66184 HBP	Newfield Production Company Newfield RMI LLC	USA
4	T9S-R15E SLM Section 13: S2S2 Section 14: S2S2 Section 15: Lot 4 Section 22: NE, E2NW, Lot 1 Section 23: N2NW	USA UTU-68548 HBP	Newfield Production Company Newfield RMI LLC	USA

5	<p>T9S-R15E SLM Section 22: E2SW, LOTS 2-4 Section 23: NENE, W2E2, S2NW, E2SW Section 24: N2N2 Section 25: ALL Section 26: NE, NENW, S2NW, S2 Section 27: S2NE, E2NW, SE, LOTS 1,2</p>	<p>USA UTU-66185 HBP</p>	<p>Newfield Production Company Newfield RMI LLC</p>	<p>USA</p>
6	<p>T9S-15E SLM Section 23: SENE, W2SW, NESE Section 24: S2N2, S2</p>	<p>USA UTU-2458 HBP</p>	<p>Newfield Production Company Newfield RMI LLC</p>	<p>USA</p>

ATTACHMENT C

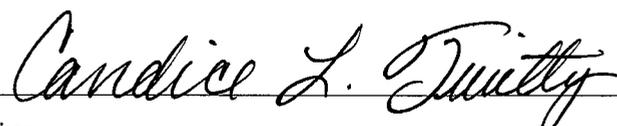
CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #13-18-9-16

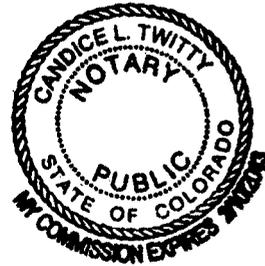
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: 
Newfield Production Company
Eric Sundberg
Regulatory Lead

Sworn to and subscribed before me this 9th day of February, 2012.

Notary Public in and for the State of Colorado: 

My Commission Expires 02/10/2013
My Commission Expires: _____



FEDERAL 13-18-9-16

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

Wellbore Diagram

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 MCFD, BWPD

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TUBING

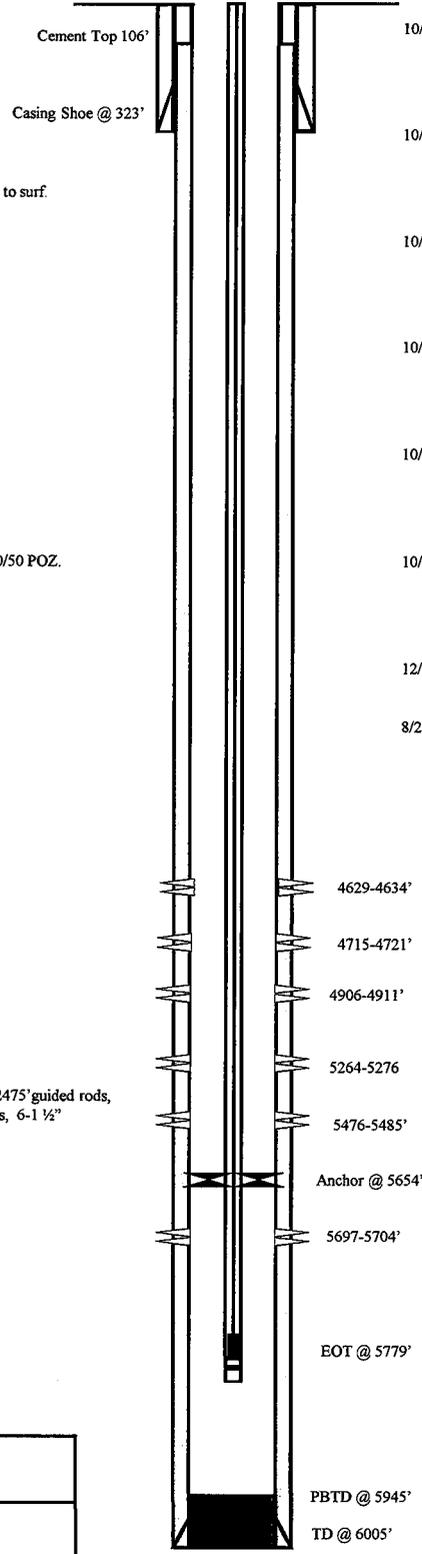
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 SN LANDED AT: 5715.5' KB
 NO. OF JOINTS: 2 jts (61.90')
 TOTAL STRING LENGTH: EOT @ 5779.1' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 2-4', & 1- 8' x 7/8" pony rods, 99-7/8" =2475' guided rods,
 61-3/4" =1525' sucker rods, 61-3/4" =1525' 4 per guided rods, 6-1 1/2"
 =150' sinker bars
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16 x 20' RHAC
 STROKE LENGTH: ?
 PUMP SPEED, ? SPM:

FRAC JOB

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



PERFORATION RECORD

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

NEWFIELD

FEDERAL 13-18-9-16

674' FSL & 364' FWL

SW/SW Section 18-T9S-R16E

Duchesne Co, Utah

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

Federal 12-18-9-16

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

Wellbore Diagram

SURFACE CASING

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

PRODUCTION CASING

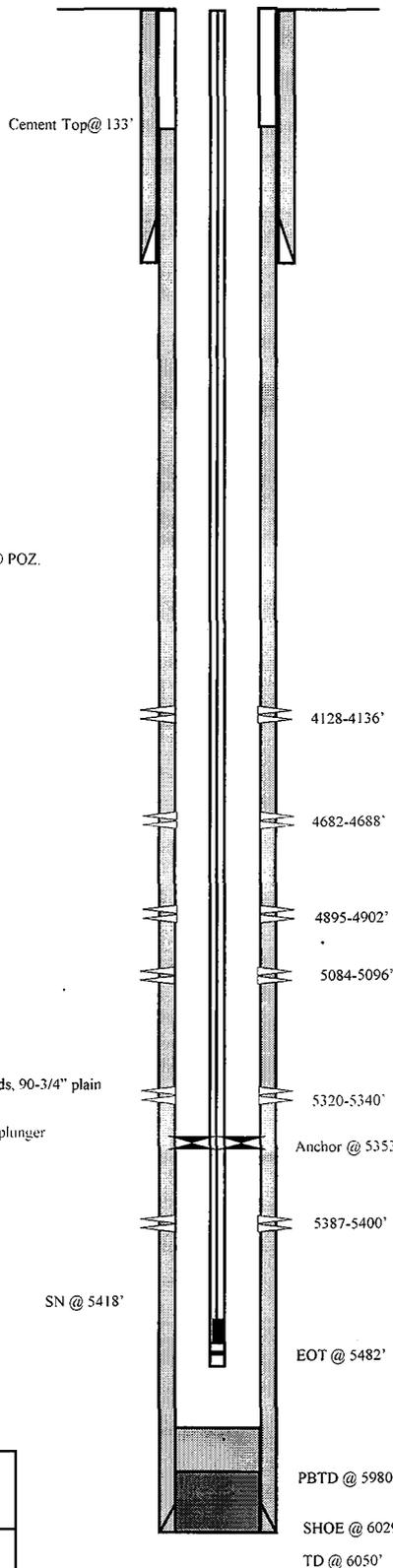
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 155 jts. (6015')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 6029'
 CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 133'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 172 jts (5341.36')
 TUBING ANCHOR: 5353.36'
 NO. OF JOINTS: 2 jts (61.70')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5417.88' KB
 NO. OF JOINTS: 2 jts (62.17')
 TOTAL STRING LENGTH: EOT @ 5481.60'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 1-2" x 3/4" pony rod, 100-3/4" scraped rods, 90-3/4" plain rods, 20-3/4" scraped rods, 6-1 1/2" weight rods
 PUMP SIZE: 2-1/2" x 1-1/2" x 16" X 20" RHAC pump w/SM plunger
 STROKE LENGTH: 102"
 PUMP SPEED, SPM: 5



FRAC JOB

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

PERFORATION RECORD

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

NEWFIELD



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

FEDERAL 14-18-9-16

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

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

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

PRODUCTION CASING

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

TUBING

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

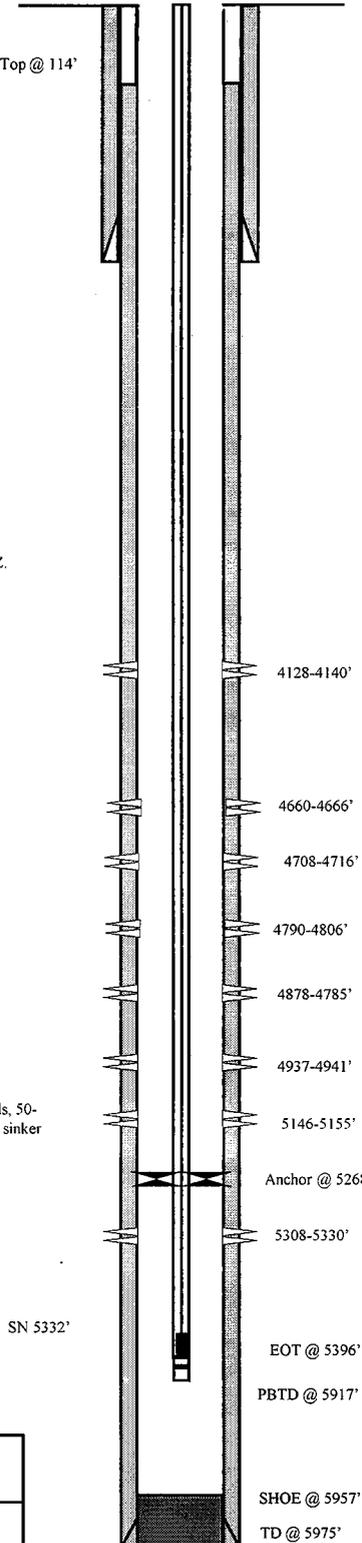
SUCKER RODS

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

FRAC JOB

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

Cement Top @ 114'



PERFORATION RECORD

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

SN 5332'

Anchor @ 5268'

EOT @ 5396'

PBTD @ 5917'

SHOE @ 5957'

TD @ 5975'



FEDERAL 14-18-9-16

1040' FSL & 2047' FWL

SE/SW Section 18-T9S-R16E

Duchesne Co, Utah

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

FEDERAL 15-18-9-17

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

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

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

PRODUCTION CASING

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

TUBING

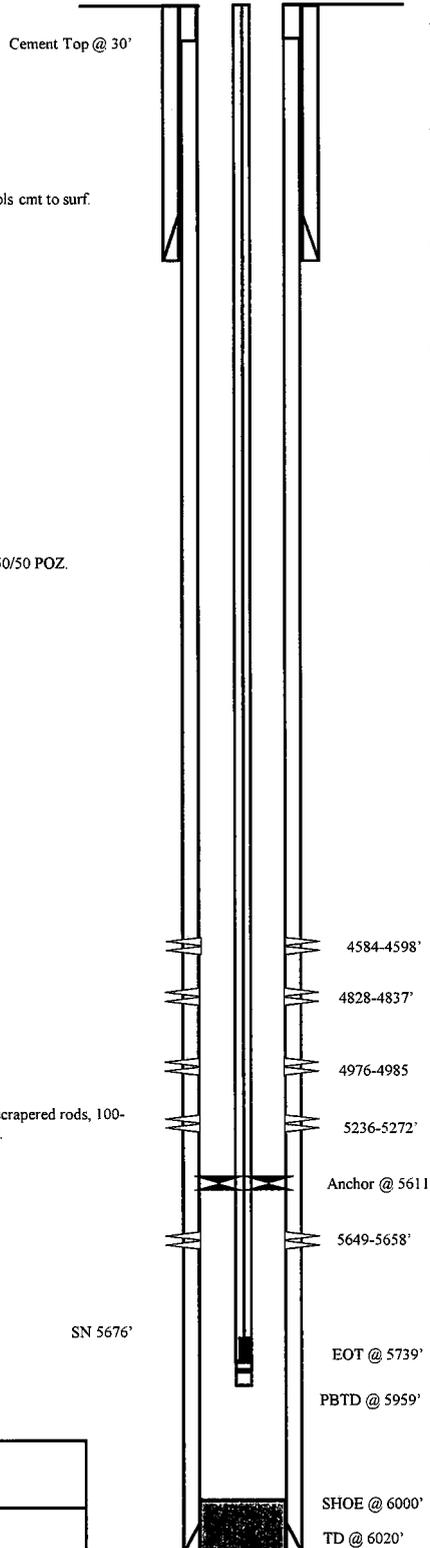
SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 182 jts (5610.75')
 TUBING ANCHOR: 5610.75' KB
 NO. OF JOINTS: 2 jts (62.42')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5675.97' KB
 NO. OF JOINTS: 2 jts (61.58')
 TOTAL STRING LENGTH: EOT @ 5739.10' KB

SUCKER RODS

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

FRAC JOB

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



PERFORATION RECORD

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

NEWFIELD

BELUGA FEDERAL 15-18-9-16

657' FSL & 2350' FEL
 SW/SE Section 18-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33001; Lease # UTU-64379

FEDERAL 3-19-9-16

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

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

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

PRODUCTION CASING

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

TUBING

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

SUCKER RODS

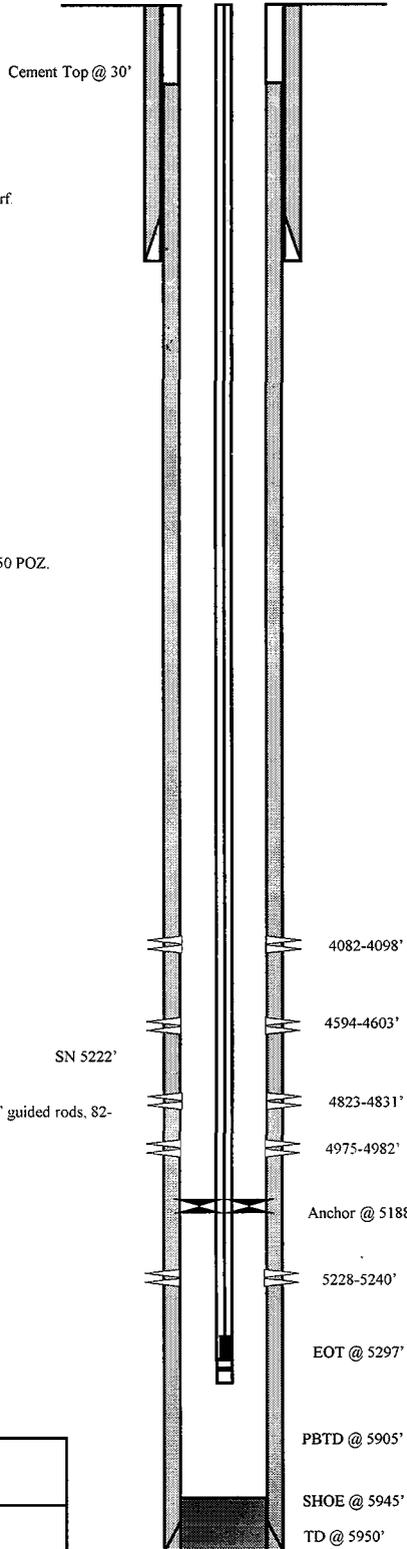
POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 1-2", 1-4" & 1-8" x 3/4" pony rods, 100-3/4" guided rods, 82-3/4" sucker rods, 20-3/4" guided rods, 6-1/2" sinker bars.
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12x 15.5" RHAC
 STROKE LENGTH: 74"
 PUMP SPEED, 5 SPM:

FRAC JOB

06/27/07	5228-5240'	Frac LODC sands as follows: 45550# 20/40 sand in 450 bbls Lightning 17 frac fluid. Treated @ avg press of 1899 psi w/avg rate of 24.7 BPM. ISIP 2160 psi. Calc flush: 5226 gal. Actual flush: 4746 gal.
06/27/07	4975-4982'	Frac A1 sands as follows: 24422# 20/40 sand in 350 bbls Lightning 17 frac fluid. Treated @ avg press of 2402 psi w/avg rate of 24.9 BPM. ISIP 2248 psi. Calc flush: 4973 gal. Actual flush: 4494 gal.
06/27/07	4823-4831'	Frac B.5 sands as follows: 29555# 20/40 sand in 390 bbls Lightning 17 frac fluid. Treated @ avg press of 2022 psi w/avg rate of 24.8 BPM. ISIP 1907 psi. Calc flush: 4821 gal. Actual flush: 4326 gal.
06/27/07	4594-4603'	Frac D1 sands as follows: 69977# 20/40 sand in 571 bbls Lightning 17 frac fluid. Treated @ avg press of 1748 psi w/avg rate of 24.8 BPM. ISIP 1927 psi. Calc flush: 4592 gal. Actual flush: 4074 gal.
06/27/07	4082-4098'	Frac GB4 sands as follows: 84076# 20/40 sand in 655 bbls Lightning 17 frac fluid. Treated @ avg press of 1625 psi w/avg rate of 24.8 BPM. ISIP 1836 psi. Calc flush: 4080 gal. Actual flush: 3990 gal.
09/17/10		Pump Change. Rod & tubing detail updated.

PERFORATION RECORD

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





FEDERAL 3-19-9-16

699' FNL & 1802' FWL

NE/NW Section 19-T9S-R16E

Duchesne Co, Utah

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

FEDERAL 4-19-9-16

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

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

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

PRODUCTION CASING

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

TUBING

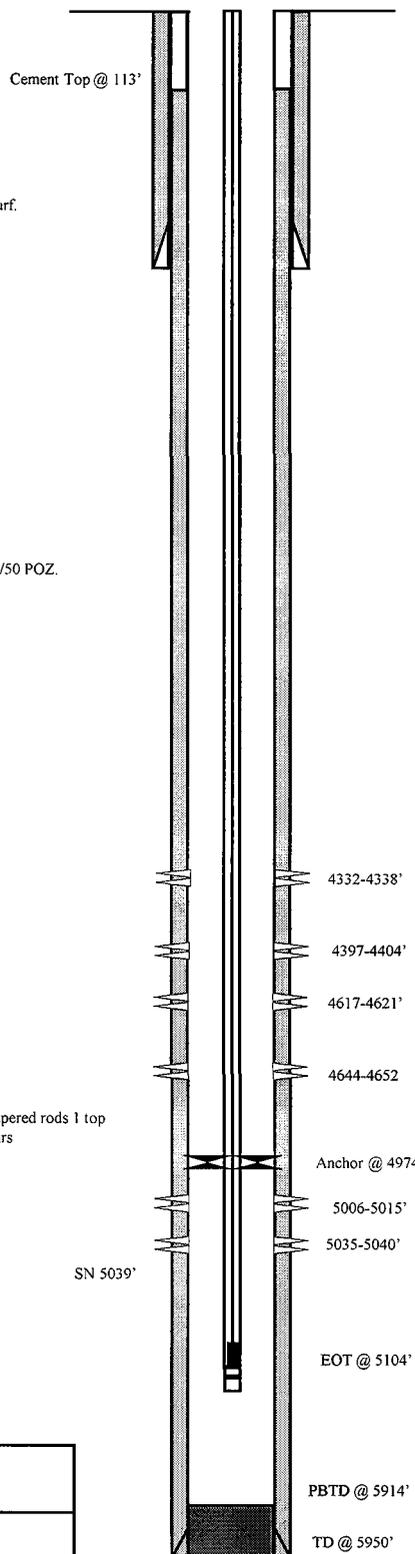
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 160 jts (4960.45')
 TUBING ANCHOR: 4974' KB
 NO. OF JOINTS: 2 jts (61.80')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5039' KB
 NO. OF JOINTS: 2 jts (63.1')
 TOTAL STRING LENGTH: EOT @ 5104' KB

SUCKER RODS

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

FRAC JOB

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



PERFORATION RECORD

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



FEDERAL 4-19-9-16

795' FNL & 507' FWL

NW/NW Section 19-T9S-R16E

Duchesne Co, Utah

API #43-013-33065; Lease # UTU-64379

FEDERAL 5-19-9-16

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

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

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

PRODUCTION CASING

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

TUBING

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

SUCKER RODS

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

FRAC JOB

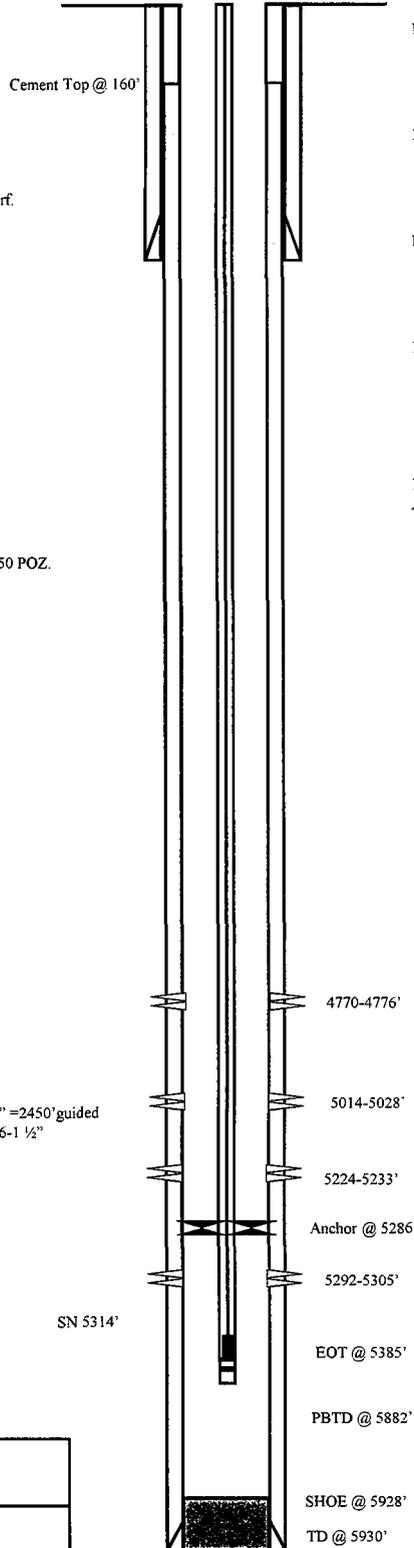
10/02/07 5292-5305' **Frac LODC sands as follows:**
 70815# 20/40 sand in 589 bbls Lightning 17 frac fluid. Treated @ avg press of 2092 psi w/avg rate of 24.8 BPM. ISIP 2307 psi. Calc flush: 5290 gal. Actual flush: 4784 gal.

10/02/07 5224-5233' **Frac LODC sands as follows:**
 56237# 20/40 sand in 502 bbls Lightning 17 frac fluid. Treated @ avg press of 2357 psi w/avg rate of 24.8 BPM. ISIP 2399 psi. Calc flush: 5222 gal. Actual flush: 4717 gal.

10/04/07 5014-5028' **Frac A3 sands as follows:**
 49854# 20/40 sand in 466 bbls Lightning 17 frac fluid. Treated @ avg press of 1934 psi w/avg rate of 24.8 BPM. ISIP 2070 psi. Calc flush: 5012 gal. Actual flush: 4507 gal.

10/05/07 4770-4776' **Frac C sands as follows:**
 16441# 20/40 sand in 257 bbls Lightning 17 frac fluid. Treated @ avg press of 2243 psi w/avg rate of 24.8 BPM. ISIP 3458 psi. Calc flush: 4768 gal. Actual flush: 4683 gal.

10/21/09 Pump Change. Updated rod & tubing details.
 7/14/2011 Tubing Leak. Updated rod & tubing details.



PERFORATION RECORD

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



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

Ashley Federal 5-13-9-15

Spud Date: 9/28/04
 Put on Production: 12/9/04
 GL: 6123' KB: 6135'
SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (291.06')
 DEPTH LANDED: 301.06' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

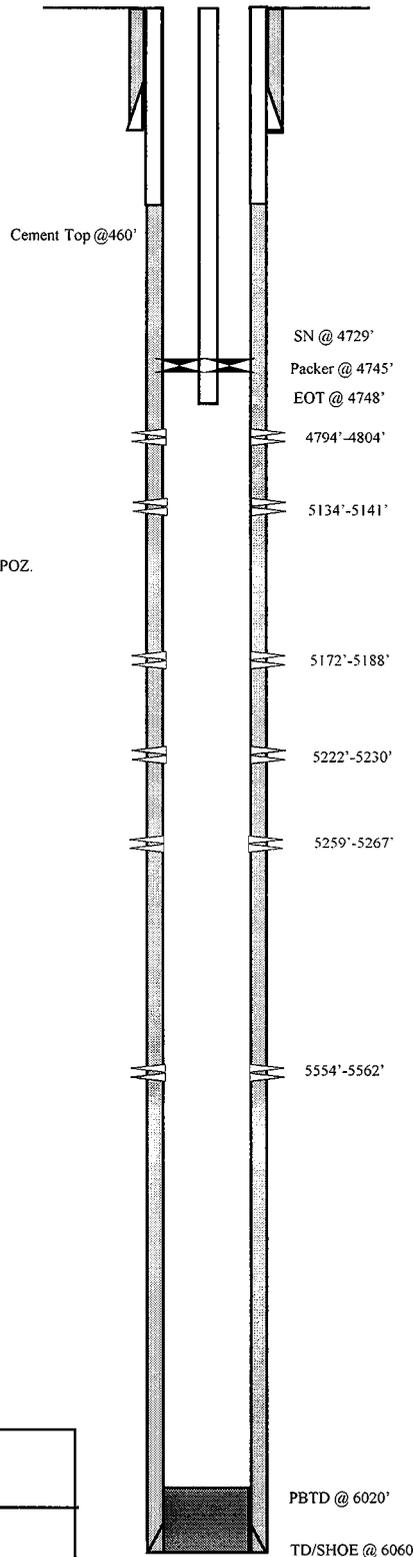
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 145 jts. (6080.65')
 DEPTH LANDED: 6058.65' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 285 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 460'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 145 jts (4727.41')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4728.51' KB
 TOTAL STRING LENGTH: EOT @ 4747.61' W/12 'KB

Initial Production: BOPD,
 MCFD, BWPD

Injection Wellbore Diagram



FRAC JOB

12/06/04 5554'-5562' **Frac CP1 sands as follows:**
 19,649# 20/40 sand in 395 bbls Lightning
 Frac 17 fluid. Treated @ avg press of 1869 psi
 w/avg rate of 24.6 BPM. ISIP 2100 psi. Calc
 flush: 5552 gal. Actual flush: 5548 gal.

12/06/04 5134'-5267' **Frac LODC and A3 sands as follows:**
 129,062# 20/40 sand in 911 bbls Lightning
 Frac 17 fluid. Treated @ avg press of 1549 psi
 w/avg rate of 24.6 BPM. ISIP 2100 psi. Calc
 flush: 5132 gal. Actual flush: 5548 gal.

12/06/04 4794'-4804' **Frac C sands as follows:**
 34,479# 20/40 sand in 343 bbls Lightning
 Frac 17 fluid. Treated @ avg press of 1720 psi
 w/avg rate of 24.6 BPM. ISIP 2040 psi. Calc
 flush: 4792 gal. Actual flush: 4704 gal.

10/05/05 **Parted Rods. Detailed tubing and rod details.**

2/21/06 **Well converted to Injection well.**

3/13/06 **Initial MIT completed and submitted.**

PERFORATION RECORD

Date	Interval	Tool	Holes
12/03/04	5554'-5562'	4 JSPF	32 holes
12/06/04	5259'-5267'	4 JSPF	32 holes
12/06/04	5222'-5230'	4 JSPF	32 holes
12/06/04	5172'-5188'	4 JSPF	64 holes
12/06/04	5134'-5141'	4 JSPF	28 holes
12/06/04	4794'-4804'	4 JSPF	40 holes



Ashley Federal 5-13-9-15
 1916 FNL & 403 FWL
 SW/NW Sec. 13, T9S R15E
 Duchesne, County
 API# 43-013-32394; Lease# UTU-66184

Ashley Federal 8-13-9-15

Spud Date: 6-2-05
 Put on Production: 7-29-05
 GL: 6070' KB: 6082'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (301.93')
 DEPTH LANDED: 313.78' 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: 142 jts. (6032.98')
 DEPTH LANDED: 6032.23' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 260'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 185 jts (5792.4')
 TUBING ANCHOR: 5804'
 NO. OF JOINTS: 1 jts (31.4')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5838.6'
 NO. OF JOINTS: 2 jts (62.5')
 TOTAL STRING LENGTH: EOT @ 5903'

SUCKER RODS

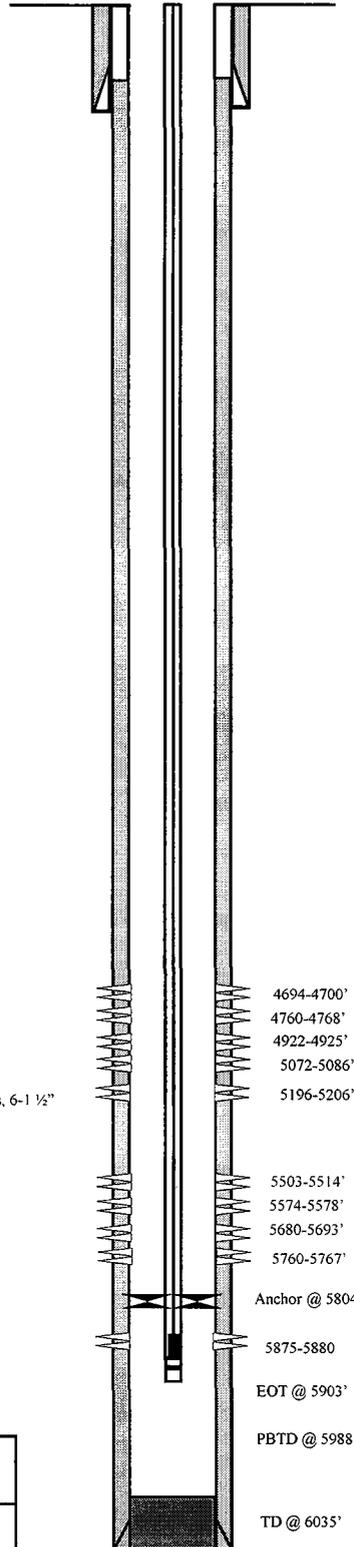
POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-4', 1-6', 1-8', 1-8' x 3/4" pony rods, 226-3/4" guided rods, 6-1 1/2" wt bars
 PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16" RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM

FRAC JOB

7-25-05	5680-5880'	Frac CP3, CP4 & CP5 sands as follows: 78974# 20/40 sand in 609 bbls Lightning 17 frac fluid. Treated @ avg press of 1453 psi w/avg rate of 24.7 BPM. ISIP 2100 psi. Calc flush: 5677 gal. Actual flush: 5712 gal.
7-25-05	5503-5578'	Frac CPI & LODC sands as follows: 58898# 20/40 sand in 493 bbls Lightning 17 frac fluid. Treated @ avg press of 1474 psi w/avg rate of 24.7 BPM. ISIP 2100 psi. Calc flush: 5501 gal. Actual flush: 5502 gal.
7-25-05	5196-5206'	Frac LODC sands as follows: 38665# 20/40 sand in 387 bbls Lightning 17 frac fluid. Treated @ avg press of 2606 psi w/avg rate of 24.5 BPM. ISIP 2700 psi. Calc flush: 5194 gal. Actual flush: 5250 gal.
7-25-05	5072-5086'	Frac A1 sands as follows: 58776# 20/40 sand in 485 bbls Lightning 17 frac fluid. Treated @ avg press of 1731 psi w/avg rate of 24.7 BPM. ISIP 2200 psi. Calc flush: 5069 gal. Actual flush: 5124 gal.
7-25-05	4694-4925'	Frac B .5, D3 & D1 sands as follows: 68044# 20/40 sand in 540 bbls Lightning 17 frac fluid. Treated @ avg press of 1890 psi w/avg rate of 24.7 BPM. ISIP 2400 psi. Calc flush: 4692 gal. Actual flush: 4620 gal.
8/2/07		Pump change. Updated rod & tubing details.
11-8-07		Tubing Leak. Updated rod & tubing details.
08/20/08		Major Workover. Rod & tubing updated.
1/27/09		Tubing Leak. Updated r & t detail.
8/20/09		Tubing Leak. Updated rod & tubing details.
3/06/2010		Parted rods. Updated rod and tubing details.
05/14/2010		Parted rods. Updated rod and tubing details.
1/26/2011		Parted rods. Update rod and tubing details.
05/02/11		Parted Rods. Rod & tubing updated.

PERFORATION RECORD

7-20-05	5875-5880'	4 JSPF	20 holes
7-20-05	5760-5767'	4 JSPF	28 holes
7-20-05	5680-5693'	4 JSPF	52 holes
7-25-05	5574-5578'	4 JSPF	16 holes
7-25-05	5503-5514'	4 JSPF	44 holes
7-25-05	5196-5206'	4 JSPF	40 holes
7-25-05	5072-5086'	4 JSPF	64 holes
7-25-05	4922-4925'	4 JSPF	12 holes
7-25-05	4760-4768'	4 JSPF	32 holes
7-25-05	4694-4700'	4 JSPF	24 holes





Ashley Federal 8-13-9-15

2107' FNL & 338' FEL

SE/NE Section 13-T9S-R15E

Duchesne Co, Utah

API #43-013-32460; Lease #UTU-66184

Ashley Federal 9-13-9-15

Spud Date: 5/30/05
 Put on Production: 7/15/05
 GL: 6113' KB: 6125'

Initial Production: 72 BOPD, 4 MCFD, 75 BWPD

Injection Wellbore Diagram

SURFACE CASING

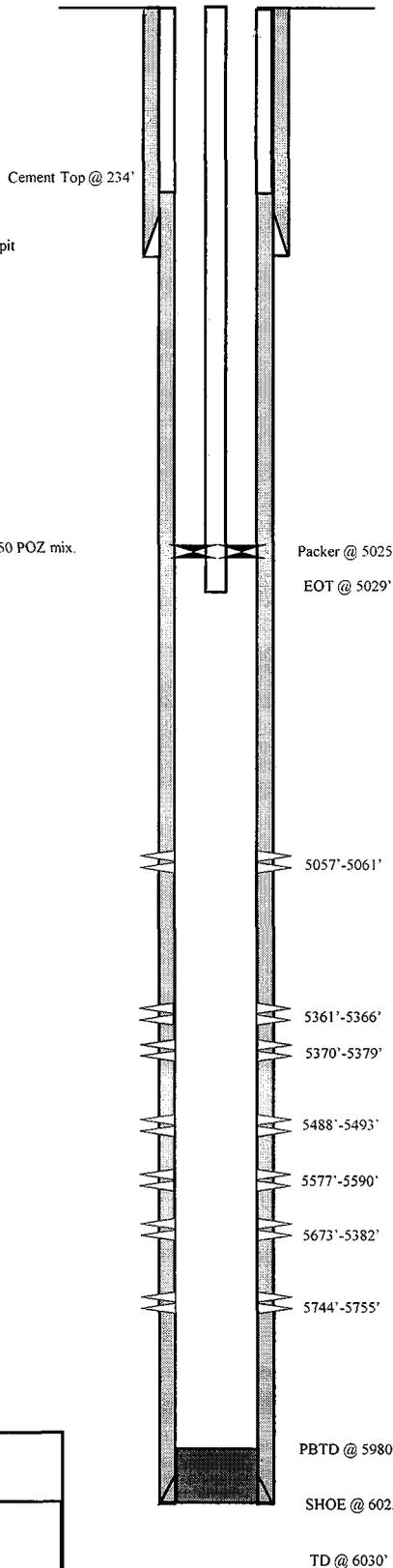
CSG SIZE: 8 5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (304.59')
 DEPTH LANDED: 314.59' KB
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 160 sks Class G Mix. Est 4 bbls cement to pit

PRODUCTION CASING

CSG SIZE: 5 1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 144 jts. (6026.97')
 DEPTH LANDED: 6024.97' KB
 HOLE SIZE: 7 7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix.
 CEMENT TOP AT: 234'

TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#
 NO. OF JOINTS: 182 jts (5008.38')
 SEATING NIPPLE: 2 7/8" (1.10')
 SN LANDED AT: 5020.38' KB
 TOTAL STRING LENGTH: 5028.93' w/ 12' KB



FRAC JOB

7/8/05 5673'-5755' **Frac CP3 and CP4 sands as follows:**
 63,817# of 20/40 sand in 528 bbls lightning 17 frac fluid. Treated @ avg press of 1142, w/avg rate of 24.6 bpm. ISIP 1800 psi. Calc flush: 5671 gal. Actual flush: 5460 gal.

7/8/05 5577'-5590' **Frac CP1 sands as follows:**
 34,856# of 20/40 sand in 360 bbls lightning 17 frac fluid. Treated @ avg press of 1533, w/avg rate of 24.4 bpm. ISIP 1650 psi. Calc flush: 5575 gal. Actual flush: 5389 gal.

7/8/05 5488'-5493' **Frac LODC sands as follows:**
 15,991# of 20/40 sand in 264 bbls lightning 17 frac fluid. Treated @ avg press of 1970, w/avg rate of 24.8 bpm. ISIP 2000 psi. Calc flush: 5486 gal. Actual flush: 5380 gal.

7/8/05 5361'-5379' **Frac LODC sands as follows:**
 44,731# of 20/40 sand in 405 bbls lightning 17 frac fluid. Treated @ avg press of 1927, w/avg rate of 24.5 bpm. ISIP 3800 psi. Calc flush: 5359 gal. Actual flush: 4801 gal.

7/13/05 5057'-5061' **Frac A1 sands as follows:**
 12,743# of 20/40 sand in 139 bbls lightning 17 frac fluid. Treated @ avg press of 3351, w/avg rate of 14.4 bpm. ISIP 2100 psi. Calc flush: ?gal. Actual flush: 1176 gal.

6/5/06 **Well converted to an Injection well.**

6/22/06 **MIT completed and submitted.**

PERFORATION RECORD

Date	Interval	Tool	Holes
7/05/05	5744'-5755'	4 JSPF	44 holes
7/05/05	5673'-5682'	4 JSPF	36 holes
7/08/05	5577'-5590'	4 JSPF	52 holes
7/08/05	5488'-5493'	4 JSPF	20 holes
7/08/05	5370'-5379'	4 JSPF	36 holes
7/08/05	5361'-5366'	4 JSPF	20 holes
7/08/05	5057'-5061'	4 JSPF	16 holes



Ashley Federal 9-13-9-15
 2068' FSL & 489' FEL
 NE/SE Section 13-T9S-R15E
 Duchesne Co, Utah
 API #43-013-32459; Lease #UTU-66184

Ashley Federal 10-13-9-15

Spud Date: 2/3/2005
 Put on Production: 03/4/2005
 GL: 6115' KB: 6127'

Wellbore Diagram

Initial Production: BOPD,
 MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (301')
 DEPTH LANDED: (311')
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs class "G", 3 bbls cmt to surface.

PRODUCTION CASING

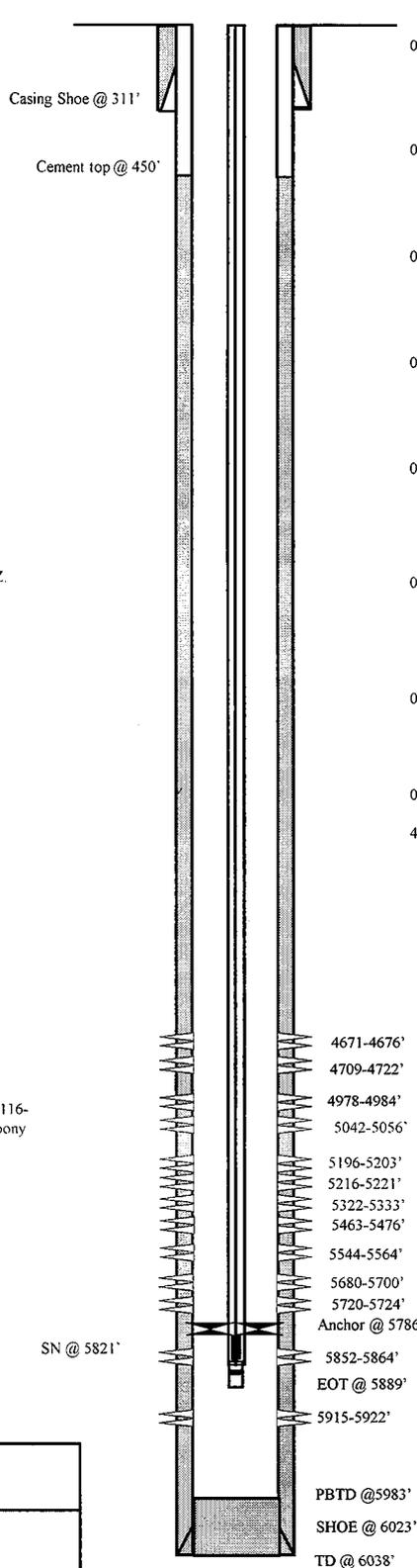
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 143 jts. (6025.2')
 DEPTH LANDED: (6023.2')
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Premilite II & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 450'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 176 jts (5773.69')
 TUBING ANCHOR: 5785.69'
 NO. OF JOINTS: 1 jt (32.58')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5821.07' KB
 NO. OF JOINTS: 2 jts (66.74')
 TOTAL STRING LENGTH: EOT @ 5889.36'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 6-1 1/2" weight bars; 10- 3/4" guided rods; 116- 3/4" slick rods; 100-3/4" guided rods; 1-8", 1-6", & 1-4" x 3/4" pony rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 21' x 24' RHAC
 STROKE LENGTH: 86"
 PUMP SPEED: 5 SPM



FRAC JOB

Date	Interval	Description
02/28/05	5852-5922'	Frac BS & CP5 sands as follows: 64,491# 20/40 sand in 526 bbls Lightning 17 frac fluid. Treated @ avg press. of 1928 w/ avg rate of 24.6 bpm. ISIP 2180. Calc flush: 5850 gal. Actual flush: 5880 gal.
03/01/05	5680-5724'	Frac CP3 sands as follows: 69,786# 20/40 sand in 558 bbls Lightning 17 frac fluid. Treated @ avg press. of 1682 w/ avg rate of 24.5 bpm. ISIP 2100. Calc flush: 5678 gal. Actual flush: 5712 gal.
03/01/05	5463-5564'	Frac CP1 & LODC sands as follows: 94,982# 20/40 sand in 698 bbls Lightning 17 frac fluid. Treated @ avg press. of 1742 w/ avg rate of 24.8 bpm. ISIP 2230. Calc flush: 5461 gal. Actual flush: 5502 gal.
03/01/05	5322-5333'	Frac LODC sands as follows: 59,881# 20/40 sand in 491 bbls lightning 17 frac fluid. Treated @ avg press. of 2170 w/ avg rate of 24.8bpm ISIP 2430. Calc flush: 5320 gal. Actual Flush: 5334 gal.
03/01/05	5196-5221'	Frac LODC sands as follows: 29,366# 20/40 sand in 332 bbls lightning 17 frac fluid. Treated @ avg press. of 2258 w/ avg rate of 14.4 bpm. ISIP 3350. Calc flush: 5194 gal. Actual Flush: 5208 gal.
03/01/05	4978-5056'	Frac A.5 & A1 sands as follows: 75,155# 20/40 sand in 564 bbls lightning 17 frac fluid. Treated @ avg press. of 1849 w/ avg rate of 24.8bpm ISIP 2000. Calc flush: 4976 gal. Actual Flush: 4756 gal.
03/02/05	4671-4722'	Frac D2 & D3 sands as follows: 62,583# 20/40 sand in 476 bbls lightning 17 frac fluid. Treated @ avg press. of 1720 w/ avg rate of 24.7bpm ISIP 2100. Calc flush: 4669 gal. Actual Flush: 4578 gal.
04/08/08		Workover: Rod & Tubing detail updated.
4/25/09		RTP. Updated r & t details.

PERFORATION RECORD

Date	Interval	SPF	Holes
2/22/2005	5915-5922'	4 SPF	28 holes
2/22/2005	5852-5864'	4 SPF	48 holes
2/28/2005	5720-5724'	4 SPF	16 holes
2/28/2005	5680-5700'	4 SPF	80 holes
3/01/2005	5544-5564'	4 SPF	80 holes
3/01/2005	5463-5476'	4 SPF	52 holes
3/01/2005	5322-5333'	4 SPF	44 holes
3/01/2005	5216-5221'	4 SPF	20 holes
3/01/2005	5196-5203'	4 SPF	28 holes
3/01/2005	5042-5056'	4 SPF	56 holes
3/01/2005	4978-4984'	4 SPF	24 holes
3/01/2005	4709-4722'	4 SPF	52 holes
3/01/2005	4671-4676'	4 SPF	20 holes



Ashley Federal 10-13-9-15

1938' FSL & 1967' FEL
 NW/SE Section 13-T9S-R15E
 Duchesne Co, Utah
 API #43-013-32458; Lease #UTU-66184

Ashley Federal 1-24-9-15

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

Initial Production: BOPD,
 MCFD, BWPD

Injection Wellbore
 Diagram

SURFACE CASING

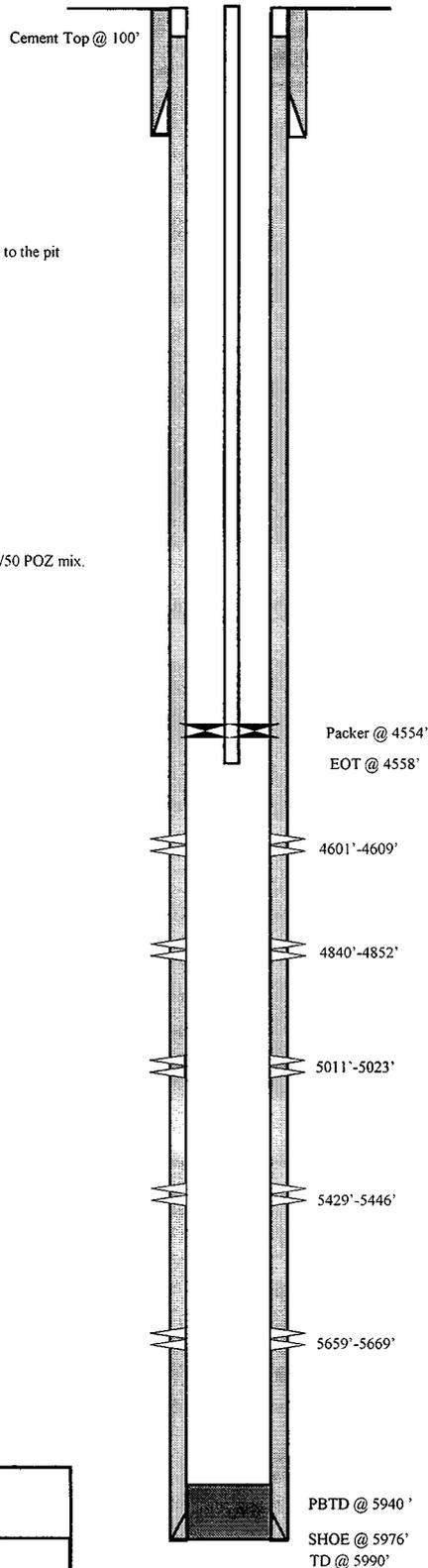
CSG SIZE: 8 5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (298.59')
 DEPTH LANDED: 308.59' KB
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 160 sks Class "G" Mix. Est 3 bbls cement to the pit

PRODUCTION CASING

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

TUBING

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



FRAC JOB

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

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

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

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

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

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

PERFORATION RECORD

05/16/05	5659'-5669'	4 JSPF	40 holes
05/26/05	5429'-5446'	4 JSPF	68 holes
05/27/05	5011'-5023'	4 JSPF	48 holes
05/27/05	4840'-4852'	4 JSPF	48 holes
05/27/05	4601'-4609'	4 JSPF	32 holes



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

Ashley Federal 2-24-9-15

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

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

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

PRODUCTION CASING

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

TUBING

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

SUCKER RODS

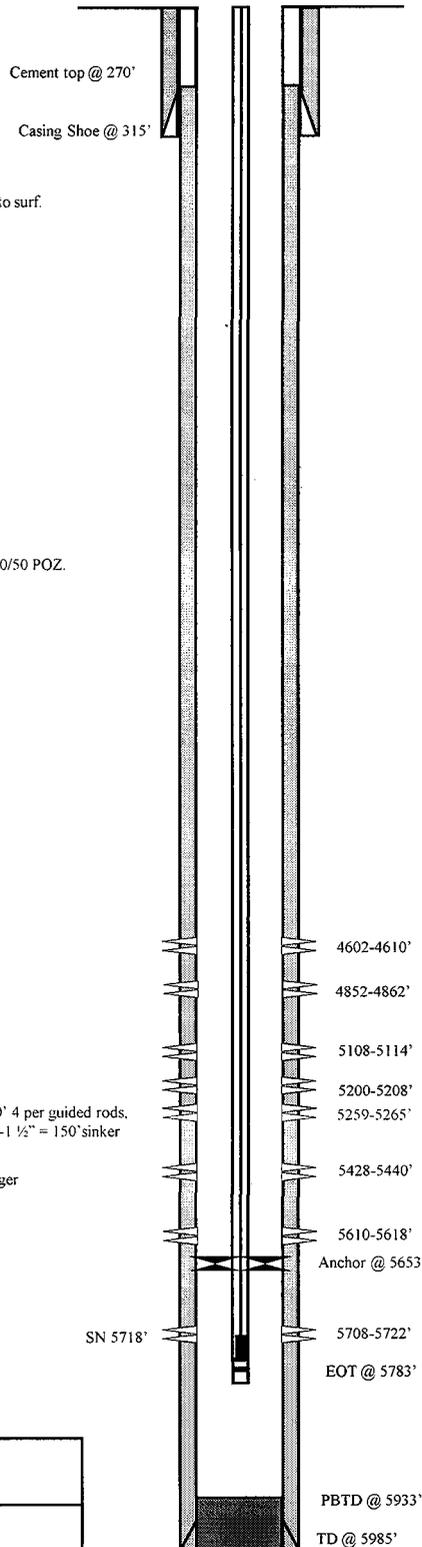
POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-8", 1-4" x 3/4" pony rod, 98-3/4" = 2450' 4 per guided rods, 57-3/4" = 1425' sucker rods, 66-3/4" = 1650' guided rods, 6-1 1/2" = 150' sinker rods.
 PUMP SIZE: 2-1/2" x 1-1/4" x 14" x 16" RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, 5 SPM

FRAC JOB

8-29-05	5610-5722'	Frac CP2, CP4 sands as follows: 50044# 20/40 sand in 432 bbls Lightning 17 frac fluid. Treated @ avg press of 1731 psi w/avg rate of 13 BPM. ISIP 1860 psi. Calc flush: 6508 gal. Actual flush: 5670 gal.
8-29-05	5428-5440'	Frac LODC sands as follows: 25523# 20/40 sand in 289 bbls Lightning 17 frac fluid. Treated @ avg press of 2415 psi w/avg rate of 23.4 BPM. ISIP 2030 psi. Calc flush: 5426 gal. Actual flush: 5460 gal.
8-29-05	5108-5265'	Frac LODC sands as follows: 60313# 20/40 sand in 476 bbls Lightning 17 frac fluid. Treated @ avg press of 2415 psi w/avg rate of 28.1 BPM. ISIP 2475 psi. Calc flush: 5106 gal. Actual flush: 5460 gal.
8-29-05	4852-4862'	Frac B1 sands as follows: 29993# 20/40 sand in 310 bbls Lightning 17 frac fluid. Treated @ avg press of 1311 psi w/avg rate of 16.8 BPM. ISIP 1830 psi. Calc flush: 4850gal. Actual flush: 4872 gal.
8-29-05	4602-4610'	Frac D1 sands as follows: 20865# 20/40 sand in 262 bbls Lightning 17 frac fluid. Treated @ avg press of 1648 psi w/avg rate of 16.7 BPM. ISIP 2090 psi. Calc flush: 4600 gal. Actual flush: 4494 gal
1/14/09		Tubing Leak. Updated rod & tubing details.
11/23/10		Tubing Leak. Updated rod & tubing details
12/6/2011		Tubing Leak. Updated rod & tubing detail.

PERFORATION RECORD

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



NEWFIELD

Ashley Federal 2-24-9-15

661' FNL & 1784' FEL

NW/NE Section 24-T9S-R15E

Duchesne Co, Utah

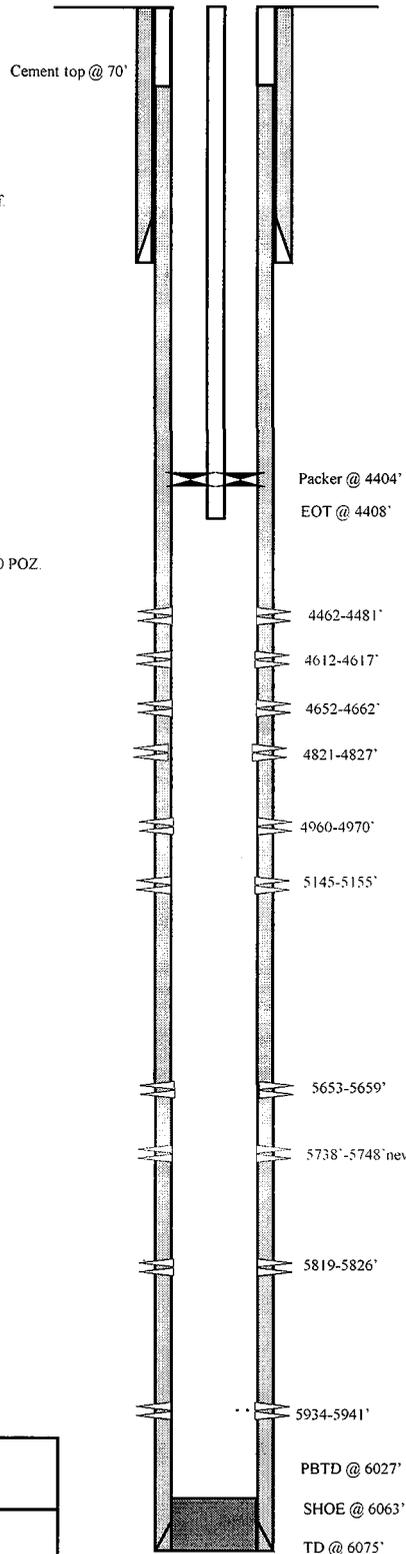
API #43-013-32645; Lease #UTU-66185

West Point 5-18-9-16

Spud Date: 12-6-06
 Put on Production: 2-22-07
 GL: 6162' KB: 6114'

Initial Production: BOPD,
 MCFD, BWPD

Injection Wellbore Diagram



SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (301.45')
 DEPTH LANDED: 312.35' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts. (6049.43')
 DEPTH LANDED: 6062.68' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP AT: 70'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 139 jts (4387.65')
 TUBING ANCHOR: 4404.05' KB
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4399.65' KB
 TOTAL STRING LENGTH: EOT @ 4408.07' KB

FRAC JOB

02-15-07 5934-5941' **Frac CP5 sands as follows:**
 19805# 20/40 sand in 314 bbls Lightning 17 frac fluid. Treated @ avg press of 2564 psi w/avg rate of 23.4 BPM. ISIP 2257 psi. Calc flush: 5932 gal. Actual flush: 5447 gal.

02-15-07 5653-5659' **Frac CP1 sands as follows:**
 25347# 20/40 sand in 349 bbls Lightning 17 frac fluid. Treated @ avg press of 2060 psi w/avg rate of 25.2 BPM. ISIP 1953 psi. Calc flush: 5651 gal. Actual flush: 5124 gal.

02-15-07 5145-5155' **Frac A15 sands as follows:**
 92086# 20/40 sand in 671 bbls Lightning 17 frac fluid. Treated @ avg press of 2010 psi w/avg rate of 21.3 BPM. ISIP 2009 psi. Calc flush: 5143 gal. Actual flush: 4641 gal.

02-16-07 4960-4970' **Frac B.5 sands as follows:**
 70364# 20/40 sand in 549 bbls Lightning 17 frac fluid. Treated @ avg press of 2030 w/ avg rate of 25 BPM. ISIP 2270 psi. Calc flush: 4958 gal. Actual flush: 4452 gal.

02-16-07 4821-4827' **Frac D2 sands as follows:**
 15106# 20/40 sand in 257 bbls Lightning 17 frac fluid. Treated @ avg press of 2662 w/ avg rate of 24.6 BPM. ISIP 2660 psi. Calc flush: 4819 gal. Actual flush: 4397 gal.

02-16-07 4612-4662' **Frac D1, & D2 sands as follows:**
 60551# 20/40 sand in 476 bbls Lightning 17 frac fluid. Treated @ avg press of 1910 w/ avg rate of 24.7 BPM. ISIP 2084 psi. Calc flush: 4610 gal. Actual flush: 4108 gal.

02-16-07 4462-4481' **Frac PB10 sands as follows:**
 90772# 20/40 sand in 678 bbls Lightning 17 frac fluid. Treated @ avg press of 2025 w/ avg rate of 27.2 BPM. ISIP 2096 psi. Calc flush: 4460 gal. Actual flush: 4368 gal.

Recompletion
 8-30-07 5819-5826' **Frac CP4 sands as follows:**
 34086# 20/40 sand in 331 bbls Lightning 17 frac fluid. Treated @ avg press of 3747 w/ avg rate of 14.3BPM. ISIP 1946psi. Actual flush: 1593

10/9/08
 10/23/08 **Well converted to an Injection Well. MIT completed and submitted.**

PERFORATION RECORD

Date	Depth	Tool	Holes
02-02-07	5934-5941'	4 JSPF	28 holes
02-15-07	5819-5826'	4 JSPF	28 holes
02-15-07	5653-5659'	4 JSPF	24 holes
02-15-07	5145-5155'	4 JSPF	40 holes
02-15-07	4960-4970'	4 JSPF	40 holes
02-16-07	4821-4827'	4 JSPF	24 holes
02-16-07	4652-4662'	4 JSPF	40 holes
02-16-07	4612-4617'	4 JSPF	20 holes
02-16-07	4462-4481'	4 JSPF	76 holes
8-29-07	5738-5748'	4 JSPF	28 holes



West Point 5-18-9-16
 1973' FNL & 466' FWL
 SW/NW Section 18-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-32996; Lease # UTU-74390

Ashley Federal 15-13-9-15

Spud Date: 3-15-05
Put on Production: 5-16-05

GL: 6114' KB: 6126'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (301.02')
DEPTH LANDED: 312.87' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

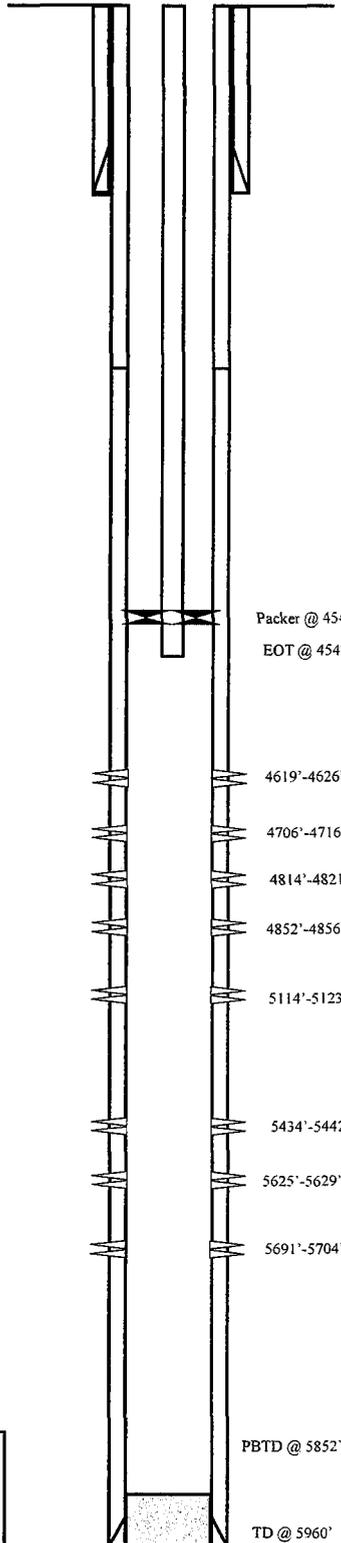
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 166 jts (5921.78')
DEPTH LANDED: 5935.03' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II & 400 sxs 50/50 POZ
CEMENT TOP AT: 610'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 136 jts (4538.6')
SEATING NIPPLE: 2-7/8" (1 10')
SN LANDED AT: 4538.6' KB
PACKER: 4539 7'
TOTAL STRING LENGTH: EOT @ 4547' KB

Initial Production: BOPD 52,
MCFD 47, BWPD 152

Injection Wellbore Diagram



FRAC JOB

5-12-05	5625'-5704''	Frac CP2 & CP3 sand as follows: 44,713#s 20/40 sand in 441 bbls Lightning 17 frac fluid. Treated @ avg press of 1843 psi w/avg rate of 24.7 BPM. ISIP was 1925 psi Calc flush: 5623 gal Actual flush: 5670 gal
5-12-05	5434'-5442''	Frac LODC sand as follows: 30,309#s 20/40 sand in 327 bbls Lightning 17 frac fluid. Treated @ avg press of 2120 psi w/avg rate of 24.8 BPM. ISIP 2250 psi. Calc flush: 5432 gal. Actual flush: 5418 gal.
5-12-05	5114'-5123'	Frac LODC sand as follows: 25,380#s 20/40 sand in 284 bbls Lightning 17 frac fluid. Treated @ avg press of 2056 psi w/avg rate of 24.9 BPM. ISIP 2260 psi. Calc flush: 5112 gal Actual flush 5124 gal.
5-12-05	4814'-4856'	Frac B1 & B.5 sand as follows: 55,249#s 20/40 sand in 459 bbls Lightning 17 frac fluid. Treated @ avg press of 2102 psi w/avg rate of 24.9 BPM. ISIP 2000 psi. Calc flush: 4812 gal. Actual flush: 4830 gal.
5-12-05	4706'-4716'	Frac D3 sand as follows: 45,168#s 20/40 sand in 405 bbls Lightning 17 frac fluid. Treated @ avg press of 1868 psi w/avg rate of 24.7 BPM. ISIP 2240 psi. Calc flush: 4704 gal. Actual flush: 4788 gal
5-12-05	4619'-4626'	Frac D1 sand as follows: 30,160#s 20/40 sand in 306 bbls Lightning 17 frac fluid. Treated @ avg press of 2332 psi w/avg rate of 24.6 BPM. ISIP 2800 psi. Calc flush: 4617 gal. Actual flush: 4536 gal
09/09/05		Parted Rods. Detail tubing and rod Updated
6/8/06		Well converted to an injection well.
6/30/06		MIT completed and submitted.
03/10/11		Workover MIT - tbg leak

PERFORATION RECORD

5-4-05	5691-5704'	4 JSPF	52 holes
5-5-05	5625-5629'	4 JSPF	16 holes
5-12-05	5434-5442'	4 JSPF	32 holes
5-12-05	5114-5123'	4 JSPF	36 holes
5-12-05	4852-4856'	4 JSPF	16 holes
5-12-05	4814-4821'	4 JSPF	28 holes
5-12-05	4706-4716'	4 JSPF	40 holes
5-12-05	4619-4626'	4 JSPF	28 holes

NEWFIELD

Ashley Federal 15-13-9-15
570' FSL & 2050' FEL
SW/SE Section 13-T9S-R15E
Duchesne Co, Utah
API #43-013-32454; Lease #UTU-68548

Ashley Federal 10-13-9-15

Spud Date: 2/3/2005
 Put on Production: 03/4/2005
 GL: 6115' KB: 6127'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (301')
 DEPTH LANDED: (311')
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs class "G", 3 bbls cmt to surface.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 143 jts. (6025.2')
 DEPTH LANDED: (6023.2')
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Premlite II & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 450'

TUBING

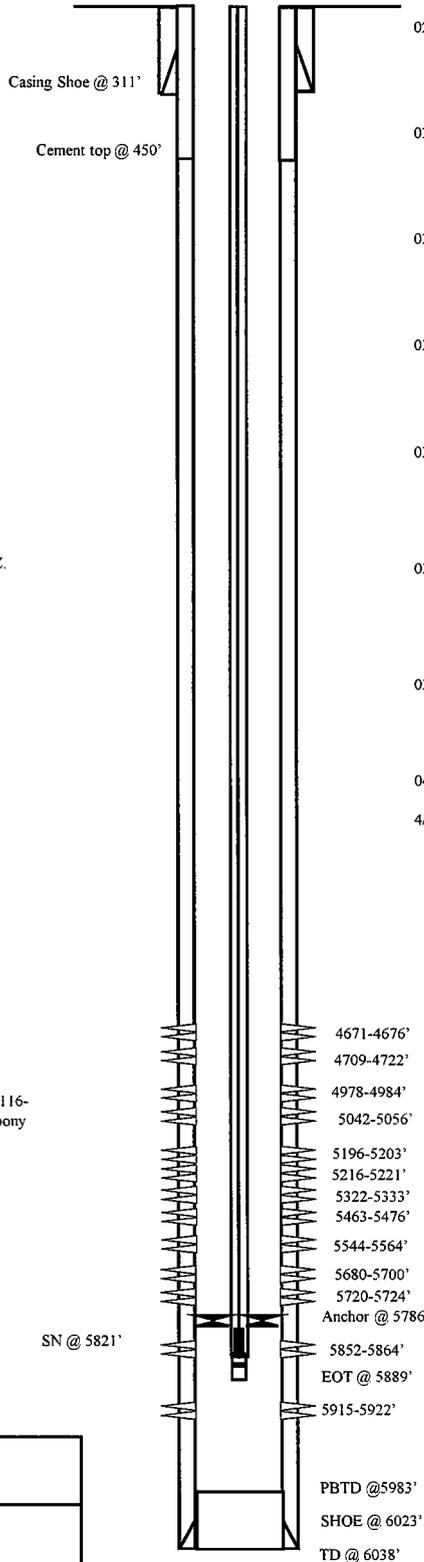
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 176 jts (5773.69')
 TUBING ANCHOR: 5785.69'
 NO. OF JOINTS: 1 jt (32.58')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5821.07' KB
 NO. OF JOINTS: 2 jts (66.74')
 TOTAL STRING LENGTH: EOT @ 5889.36'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 6-1 1/2" weight bars; 10- 3/4" guided rods; 116- 3/4" slick rods; 100-3/4" guided rods; 1-8', 1-6', & 1-4' x 3/4" pony rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 21' x 24' RHAC
 STROKE LENGTH: 86"
 PUMP SPEED: 5 SPM

FRAC JOB

02/28/05	5852-5922'	Frac BS & CP5 sands as follows: 64,491# 20/40 sand in 526 bbls Lightning 17 frac fluid. Treated @ avg press. of 1928 w/ avg rate of 24.6 bpm. ISIP 2180. Calc flush: 5850 gal. Actual flush: 5880 gal.
03/01/05	5680-5724'	Frac CP3 sands as follows: 69,786# 20/40 sand in 558 bbls Lightning 17 frac fluid. Treated @ avg press. of 1682 w/ avg rate of 24.5 bpm. ISIP 2100. Calc flush: 5678 gal. Actual flush: 5712 gal.
03/01/05	5463-5564'	Frac CPI & LODC sands as follows: 94,982# 20/40 sand in 698 bbls Lightning 17 frac fluid. Treated @ avg press. of 1742 w/ avg rate of 24.8 bpm. ISIP 2230. Calc flush: 5461 gal. Actual flush: 5502gal.
03/01/05	5322-5333'	Frac LODC sands as follows: 59,881# 20/40 sand in 491 bbls lightning 17 frac fluid. Treated @ avg press. of 2170 w/ avg rate of 24.8bpm ISIP 2430. Calc flush: 5320 gal. Actual Flush: 5334 gal.
03/01/05	5196-5221'	Frac LODC sands as follows: 29,366# 20/40 sand in 332 bbls lightning 17 frac fluid. Treated @ avg press. of 2258 w/ avg rate of 14.4 bpm. ISIP 3350. Calc flush: 5194 gal. Actual Flush: 5208 gal.
03/01/05	4978-5056'	Frac A.5 & A1 sands as follows: 75,155# 20/40 sand in 564 bbls lightning 17 frac fluid. Treated @ avg press. of 1849 w/ avg rate of 24.8bpm ISIP 2000. Calc flush: 4976 gal. Actual Flush: 4756 gal.
03/02/05	4671-4722'	Frac D2 & D3 sands as follows: 62,583# 20/40 sand in 476 bbls lightning 17 frac fluid. Treated @ avg press. of 1720 w/ avg rate of 24.7bpm ISIP 2100. Calc flush: 4669 gal. Actual Flush: 4578 gal.
04/08/08		Workover. Rod & Tubing detail updated.
4/25/09		RTP. Updated r & t details.



PERFORATION RECORD

2/22/2005	5915-5922'	4 SPF	28 holes
2/22/2005	5852-5864'	4 SPF	48 holes
2/28/2005	5720-5724'	4 SPF	16 holes
2/28/2005	5680-5700'	4 SPF	80 holes
3/01/2005	5544-5564'	4 SPF	80 holes
3/01/2005	5463-5476'	4 SPF	52 holes
3/01/2005	5322-5333'	4 SPF	44 holes
3/01/2005	5216-5221'	4 SPF	20 holes
3/01/2005	5196-5203'	4 SPF	28 holes
3/01/2005	5042-5056'	4 SPF	56 holes
3/01/2005	4978-4984'	4 SPF	24 holes
3/01/2005	4709-4722'	4 SPF	52 holes
3/01/2005	4671-4676'	4 SPF	20 holes



Ashley Federal 10-13-9-15

1938' FSL & 1967' FEL
 NW/SE Section 13-T9S-R15E
 Duchesne Co, Utah
 API #43-013-32458; Lease #UTU-66184

Ashley Federal 16-13-9-15

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

Initial Production: 31 BOPD,
 14 MCFD, 51 BWPD

Wellbore Diagram

SURFACE CASING

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

PRODUCTION CASING

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

TUBING

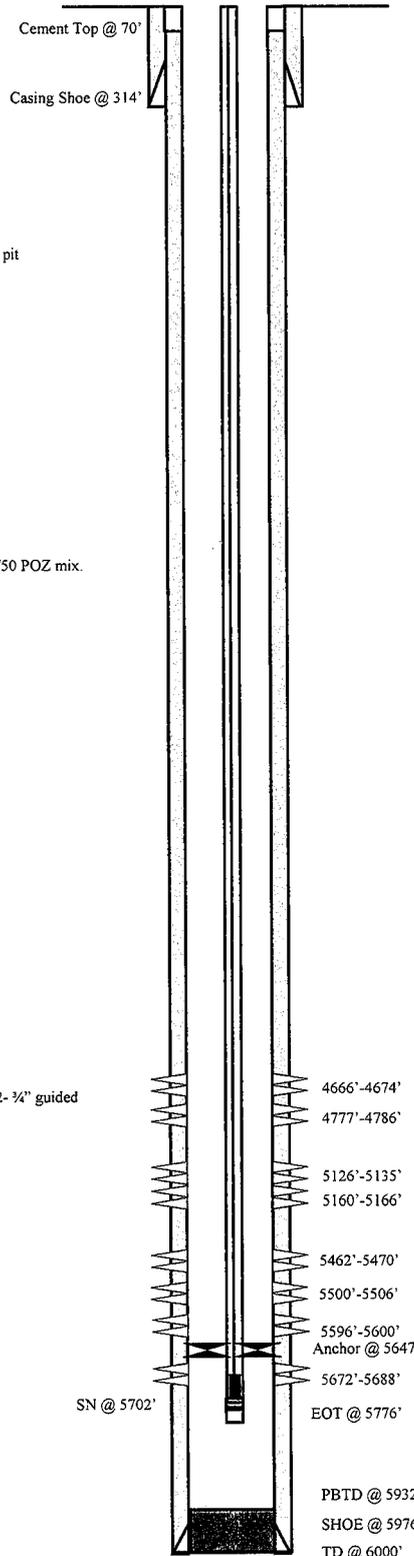
SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#
 NO. OF JOINTS: 180 jts (5634.7')
 TUBING ANCHOR: 5646.7' KB
 NO. OF JOINTS: 2 jts (62.2')
 SEATING NIPPLE: 2 7/8" (1.10')
 SN LANDED AT: 5711.7' KB
 NO. OF JOINTS: 2 jts (62.8')
 TOTAL STRING LENGTH: EOT @ 5776'

SUCKER RODS

POLISHED ROD: 1 1/2" x 22'
 SUCKER RODS: 1-2' x 3/4" pony rod, 1- 8' x 3/4" pony rod, 222- 3/4" guided rods, 6- 1 1/2" weight bars
 PUMP SIZE: 2 1/2" x 1 1/2" x 12' x 16' RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM

FRAC JOB

8/8/05 5596'-5688'	Frac CP2 and CP3 sands as follows: 48,881#'s of 20/40sand in 437 bbls lightning 17 frac fluid. Treated @ avg press of 1399, w/avg rate of 24.6 bpm. ISIP 2000 psi. Calc flush: 5594 gal. Actual flush: 5368 gal.
8/8/05 5462'-5506'	Frac LODC sands as follows: 30,693#'s of 20/40 sand in 330 bbls lightning 17 frac fluid. Treated @ avg press of 1837, w/avg rate of 24.9 bpm. ISIP 2200 psi. Calc flush: 5460 gal. Actual flush: 5212 gal.
8/9/05 5126'-5166'	Frac LODC sands as follows: 30,385#'s of 20/40 sand in 317 bbls lightning 17 frac fluid. Treated @ avg press of 1882, w/avg rate of 24.9 bpm. ISIP 2750 psi. Calc flush: 5124 gal. Actual flush: 4885 gal.
8/9/05 4777'-4786'	Frac C sands as follows: 39,987#'s of 20/40 sand in 370 bbls lightning 17 frac fluid. Treated @ avg press of 1674, w/avg rate of 24.7 bpm. ISIP 1800 psi. Calc flush: 4775 gal. Actual flush: 4536 gal.
8/9/05 4666'-4674'	Frac D2 sands as follows: 35,978#'s of 20/40 sand in 349 bbls lightning 17 frac fluid. Treated @ avg press of 1831, w/avg rate of 24.6 bpm. ISIP 1950 psi. Calc flush: 4664 gal. Actual flush: 4536 gal.
6/30/08	Hole in Tubing. Rod & tubing detail updated.
1/28/09	Tubing Leak. Updated r & t detail.
1/10/10	Parted rods. Updated rod and tubing detail.
6/17/2010	Parted rods. Updated rod and tubing detail.
7/2/2010	Parted rods. Updated rod and tubing detail.



PERFORATION RECORD

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

NEWFIELD



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

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 (SO ₄):	67.00
System Pressure 1 (psig):	1300.00	Magnesium (Mg):	7.00	Bicarbonate (HCO ₃):	1024.80
System Temperature 2 (°F):	70.00	Calcium (Ca):	22.40	Carbonate (CO ₃):	0.00
System Pressure 2 (psig):	14.70	Strontium (Sr):		Acetic Acid (CH ₃ COO)	0.00
Calculated Density (g/ml):	1.00	Barium (Ba):	9.20	Propionic Acid (C ₂ H ₅ COO)	0.00
pH:	6.40	Iron (Fe):	1.70	Butanoic Acid (C ₃ H ₇ COO)	0.00
Calculated TDS (mg/L):	8436.08	Zinc (Zn):	0.40	Isobutyric Acid ((CH ₃) ₂ CHCOO)	0.00
CO ₂ in Gas (%):	0.00	Lead (Pb):	0.30	Fluoride (F):	
Dissolved CO ₂ (mg/L):	99.00	Ammonia NH ₃ :		Bromine (Br):	
H ₂ S in Gas (%):		Manganese (Mn):	0.10	Silica (SiO ₂):	
H ₂ S 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 CaSO ₄ ·2H ₂ O		Celestite SrSO ₄		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

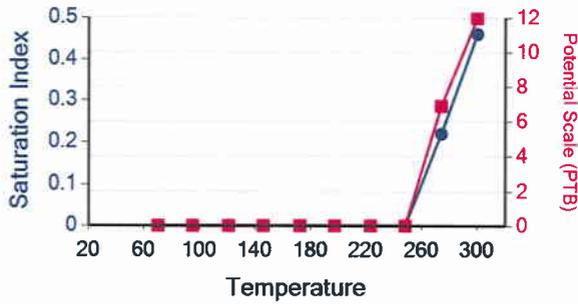
Temp (°F)	PSI	Hemihydrate CaSO ₄ ·0.5H ₂ O		Anhydrate CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.32	0.12	0.00	0.00	0.00	0.00	0.00	0.00
95	157	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

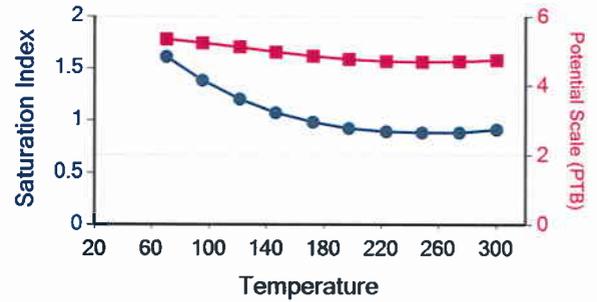
2015

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

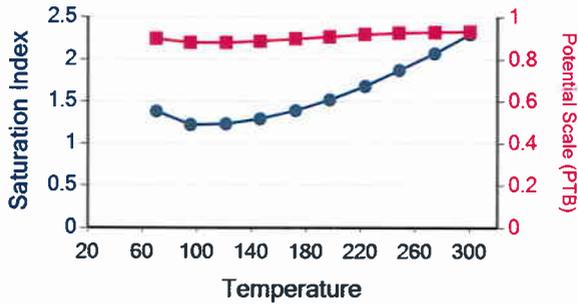
Calcium Carbonate



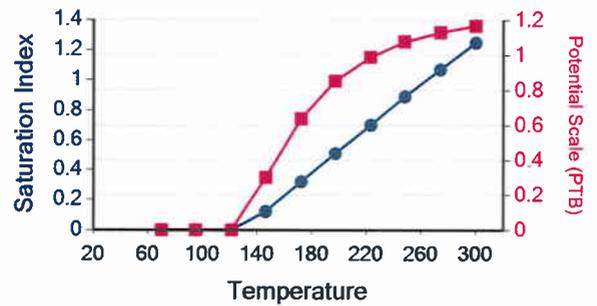
Barium Sulfate



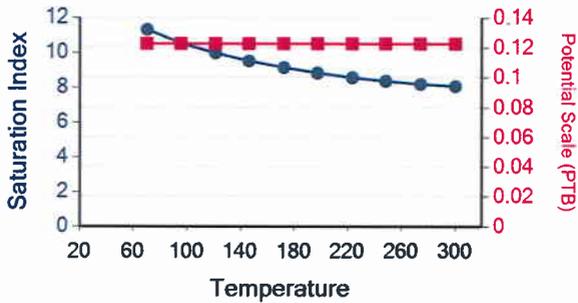
Iron Sulfide



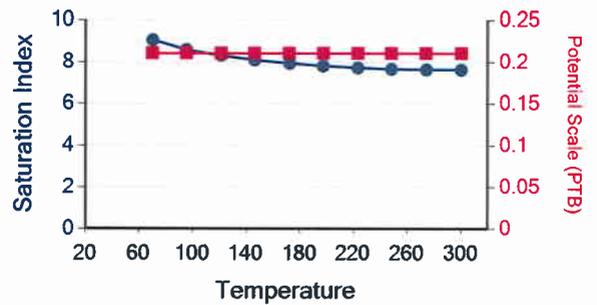
Iron Carbonate



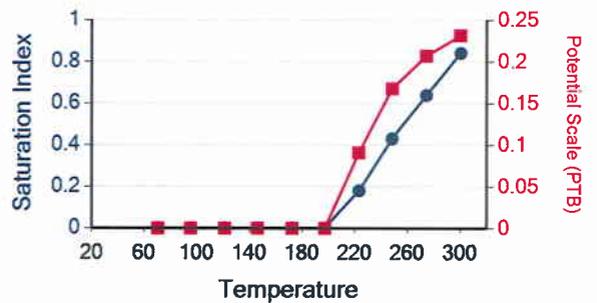
Lead Sulfide



Zinc Sulfide



Zinc Carbonate



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

ATTACHMENT F
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A HALLIBURTON SERVICE

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
Well Name: **FEDERAL 13-18-9-16**
Sample Point: **Treater**
Sample Date: **12/14/2011**
Sample ID: **WA-204726**

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):	3604.04	Chloride (Cl):	6100.00
System Temperature 1 (°F):	300.00	Potassium (K):	0.00	Sulfate (SO4):	15.00
System Pressure 1 (psig):	3000.00	Magnesium (Mg):	31.50	Bicarbonate (HCO3):	1586.00
System Temperature 2 (°F):	70.00	Calcium (Ca):	209.00	Carbonate (CO3):	0.00
System Pressure 2 (psig):	14.70	Strontium (Sr):	0.00	Acetic Acid (CH3COO)	0.00
Calculated Density (g/ml):	1.01	Barium (Ba):	153.00	Propionic Acid (C2H5COO)	0.00
pH:	8.10	Iron (Fe):	725.00	Butanoic Acid (C3H7COO)	0.00
Calculated TDS (mg/L):	12434.04	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):	10.50	Silica (SiO2):	0.00
H2S in Water (mg/L):	0.50				

Notes:

P=0.56mg/l

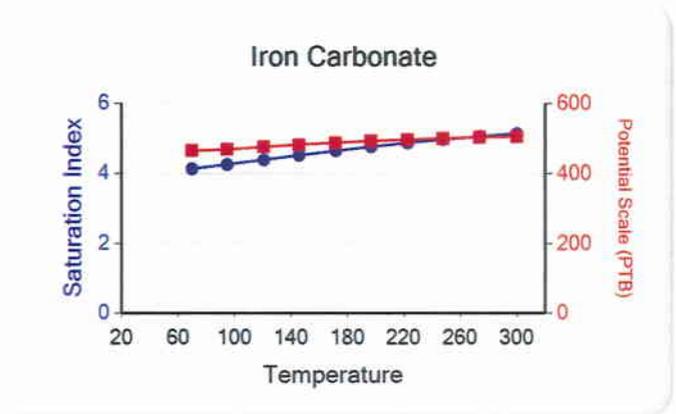
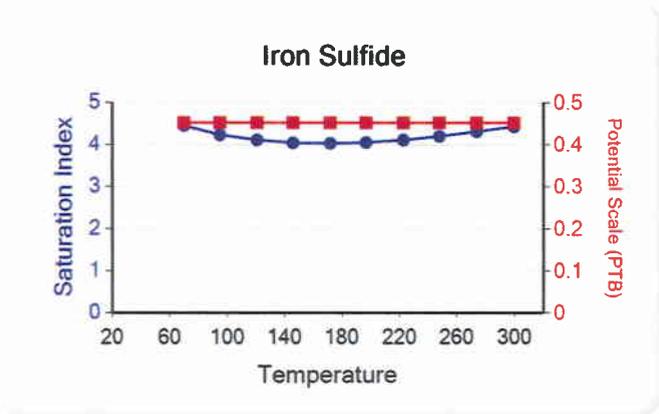
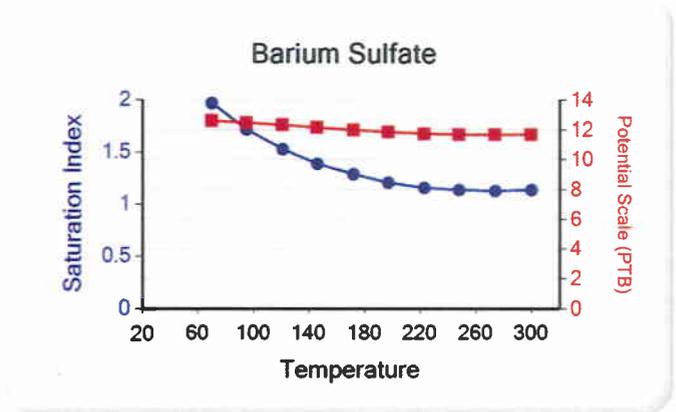
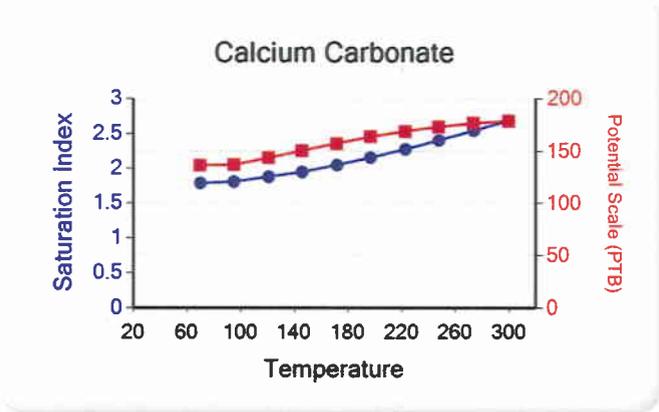
(PTB = Pounds per Thousand Barrels)

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	1.79	136.50	1.97	12.61	4.45	0.45	4.13	463.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	346	1.81	136.96	1.72	12.50	4.23	0.45	4.25	467.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	678	1.88	143.65	1.53	12.34	4.11	0.45	4.38	475.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	1.95	150.70	1.39	12.18	4.04	0.45	4.51	481.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	2.05	157.63	1.29	12.01	4.03	0.45	4.64	487.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	2.16	163.96	1.21	11.87	4.05	0.45	4.76	492.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	2.28	169.38	1.16	11.77	4.11	0.45	4.87	496.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	2.41	173.69	1.14	11.71	4.20	0.45	4.97	500.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	2.55	176.91	1.13	11.70	4.31	0.45	5.06	503.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	2.69	179.15	1.14	11.71	4.43	0.45	5.14	506.08	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 Barium Sulfate Iron Sulfide Iron Carbonate

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



Attachment "G"

**Federal #13-18-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5697	5704	5701	1650	0.72	1613 ←
5476	5485	5481	2160	0.83	2124
5264	5276	5270	2205	0.85	2171
4906	4911	4909	1845	0.81	1813
4715	4721	4718	1890	0.83	1859
4629	4634	4632	2150	0.90	2120
				Minimum	<u><u>1613</u></u>

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

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

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



DAILY COMPLETION REPORT

WELL NAME: Federal 13-18-9-16 Report Date: Oct. 26, 2007 Day: 1
Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 323' Prod Csg: 5 1/2" @ 5985' Csg PBTD: 5902' WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Includes data for CP3 sds at 5697-5704' with 4/28 shots.

CHRONOLOGICAL OPERATIONS

Date Work Performed: Oct. 25, 2007 SITP: SICP: 0

Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5902' & cement top @ 106'. Perforate stage #1. CP3 sds @ 5697-5704' w/ 3 1/8" slick gun (19 gram, .49" HE, 120 , 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 28 shots. RD WLT. SIFN W/ est 140 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 140 Starting oil rec to date:
Fluid lost/recovered today: 0 Oil lost/recovered today:
Ending fluid to be recovered: 140 Cum oil recovered:
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

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

COSTS

Table listing costs: Weatherford BOP (\$540), NPC NU crew (\$300), NDSI trucking (\$1,500), Perforators LLC (\$5,379), Drilling cost (\$293,767), Zubiata HO trk (\$580), Location preparation (\$300), NPC wellhead (\$1,500), Benco - anchors (\$1,200), Admin. Overhead (\$3,000), NPC supervision (\$300).

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

Completion Supervisor: Gary Dietz

DAILY COST: \$308,366
TOTAL WELL COST: \$308,366



DAILY COMPLETION REPORT

WELL NAME: Federal 13-18-9-16 **Report Date:** Oct. 31, 2007 **Day:** 2b
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 323' **Prod Csg:** 5 1/2" @ 5985' **Csg PBTD:** 5902' WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** 5590'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP3 sds	5697-5704'	4/28
LODC	5476-5485'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Oct. 30, 2007 **SITP:** _____ **SICP:** 1350 psi

Day 2b.

RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 9' perf gun Set plug @ 5590'. Perforate LODC sds @ 5476- 85' w/ 3-1/8" Slick Guns w/ 4 spf for total of 36 shots. RU B. Services. 1350 psi on well. Frac LODC sds w/ 14,860#'s of 20/40 sand in 283 bbls of Lightning 17 fluid. Broke @ 3252 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2275 ps @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2160 psi. Leave pressure on well 720 BWTR. See Day 2c.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 437 **Starting oil rec to date:** _____
Fluid lost/recovered today: 283 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 720 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services
Procedure or Equipment detail: LODC sands
780 gals of pre-pad of 4% Techni-Hib 767W
606 gals of flush spacer
1500 gals of pad
1149 gals W/ 1-4 ppg of 20/40 sand
2353 gals W/ 4-6.5 ppg of 20/40 sand
Flush W/ 504 gals of 15% HCL acid
Flush W/ 4969 gals of slick water

COSTS

BJ Services-LODC	\$4,742
CD wtr & trucking	\$432
NPC fuel gas	\$68
Weatherford tools/serv	\$2,450
Lone Wolf WL	\$3,861
NPC supervision	\$50

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

Max TP: 2490 **Max Rate:** 24.8 BPM **Total fluid pmpd:** 283 bbls
Avg TP: 2275 **Avg Rate:** 24.8 BPM **Total Prop pmpd:** 14,860#'s
ISIP: 2160 **5 min:** _____ **10 min:** _____ **FG:** .83
Completion Supervisor: Orson Barney

DAILY COST: \$11,603
TOTAL WELL COST: \$339,979



4 of 10

DAILY COMPLETION REPORT

WELL NAME: Federal 13-18-9-16 **Report Date:** Oct. 31, 2007 **Day:** 2c
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 323' **Prod Csg:** 5 1/2" @ 5985' **Csg PBTD:** 5902' WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** 5380'
BP: 5590'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone CP3 sds	Perfs 5697-5704'	SPF/#shots 4/28
LODC	5264-5276'	4/48			
LODC	5476-5485'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Oct. 30, 2007 **SITP:** _____ **SICP:** 1535 psi

Day 2c.

RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 12' per gun. Set plug @ 5380'. Perforate LODC sds @ 5264- 76' w/ 3-1/8" Slick Guns w/ 4 spf for total of 48 shots. RU B. Services. 1535 psi on well. Frac LODC sds w/ 84,724#'s of 20/40 sand in 672 bbls of Lightning 17 fluid. Broke @ 3887 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1940 ps @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2205 psi. Leave pressure on well 1392 BWTR. See Day 2d.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 720 **Starting oil rec to date:** _____
Fluid lost/recovered today: 672 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1392 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

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

Procedure or Equipment detail: LODC sands
780 gals of pre-pad of 4% Techni-Hib 767W
774 gals of flush spacer
6400 gals of pad
4319 gals W/ 1-5 ppg of 20/40 sand
8622 gals W/ 5-8 ppg of 20/40 sand
2049 gals W/ 8 ppg of 20/40 sand
Flush W/ 504 gals of 15% HCL acid
Flush W/ 4759 gals of slick water

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

Max TP: 2240 **Max Rate:** 24.8 BPM **Total fluid pmpd:** 672 bbls
Avg TP: 1940 **Avg Rate:** 24.8 BPM **Total Prop pmpd:** 84,724#'s
ISIP: 2205 **5 min:** _____ **10 min:** _____ **FG:** .85
Completion Supervisor: Orson Barney

COSTS

BJ Services-LODC	\$17,822
CD wtr & trucking	\$2,352
NPC fuel gas	\$368
Weatherford tools/serv	\$2,450
Lone Wolf WL	\$5,148
NPC supervision	\$50

DAILY COST: \$28,190
TOTAL WELL COST: \$368,169



DAILY COMPLETION REPORT

WELL NAME: Federal 13-18-9-16 Report Date: Oct. 31, 2007 Day: 2e
Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 323' Prod Csg: 5 1/2" @ 5985' Csg PBTD: 5902' WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 4820'
BP: 5010', 5380', 5590'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP3 sds	5697-5704'	4/28
D3 sds	4715-4721'	4/24			
B2 sds	4906-4911'	4/20			
LODC	5264-5276'	4/48			
LODC	5476-5485'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Oct. 30, 2007 SITP: SICP: 1555 psi

Day 2e.

RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 6' perf gun Set plug @ 4820'. Perforate D3 sds @ 4715- 21' w/ 3-1/8" Slick Guns w/ 4 spf for total of 24 shots. RU BJ Services 1555 psi on well. Frac D3 sds w/ 24,711#'s of 20/40 sand in 342 bbls of Lightning 17 fluid. Broke @ 3410 psi Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1960 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISIP 1890 psi. Leave pressure on well. 2047 BWTR. See Day 2f.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1705 Starting oil rec to date:
Fluid lost/recovered today: 342 Oil lost/recovered today:
Ending fluid to be recovered: 2047 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: D3 sands
780 gals of pre-pad of 4% Techni-Hib 767W
564 gals of flush spacer
2500 gals of pad
1915 gals W/ 1-4 ppg of 20/40 sand
3838 gals W/ 4-6.5 ppg of 20/40 sand
Flush W/ 504 gals of 15% HCL acid
Flush W/ 4250 gals of slick water

COSTS

BJ Services-D3 \$6,902
CD wtr & trucking \$624
NPC fuel gas \$98
Weatherford tools/serv \$2,450
Lone Wolf WL \$2,574
NPC supervision \$50

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

Max TP: 2330 Max Rate: 24.8 BPM Total fluid pmpd: 342 bbls
Avg TP: 1960 Avg Rate: 24.8 BPM Total Prop pmpd: 24,711#'s
ISIP: 1890 5 min: 10 min: FG: .83
Completion Supervisor: Orson Barney

DAILY COST: \$12,698
TOTAL WELL COST: \$405,094



DAILY COMPLETION REPORT

WELL NAME: Federal 13-18-9-16 **Report Date:** Oct. 31, 2007 **Day:** 2f
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 323' **Prod Csg:** 5 1/2" @ 5985' **Csg PBTD:** 5902' WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** 4680'
BP: 4820', 5010', 5380', 5590'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	<u>4629-4634'</u>	<u>4/20</u>	CP3 sds	<u>5697-5704'</u>	<u>4/28</u>
D3 sds	<u>4715-4721'</u>	<u>4/24</u>			
B2 sds	<u>4906-4911'</u>	<u>4/20</u>			
LODC	<u>5264-5276'</u>	<u>4/48</u>			
LODC	<u>5476-5485'</u>	<u>4/36</u>			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Oct. 30, 2007 **SITP:** _____ **SICP:** 1560 psi

Day 2f.

RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 5' perf gun Set plug @ 4680'. Perforate D1 sds @ 4629- 34' w/ 3-1/8" Slick Guns w/ 4 spf for total of 20 shots. RU BJ Services 1560 psi on well. Frac D1 sds w/ 17,447#'s of 20/40 sand in 270 bbls of Lightning 17 fluid. Broke @ 3246 psi Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2298 psi @ ave rate of 24.8 BPM. ISIP 2150 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 5 1/2 hrs & died. Rec 307 BTF. SIWFN w/ 2010 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2047 **Starting oil rec to date:** _____
Fluid lost/recovered today: 37 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 2010 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

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

Procedure or Equipment detail: D1 sands
780 gals of pre-pad of 4% Techni-Hib 767W
648 gals of flush spacer
1500 gals of pad
1149 gals W/ 1-4 ppg of 20/40 sand
2731 gals W/ 4-6.5 ppg of 20/40 sand
Flush W/ 4536 gals of slick water

COSTS

BJ Services-D1	\$844
CD wtr & trucking	\$432
NPC fuel gas	\$68
Weatherford tools/serv	\$2,450
Lone Wolf WL	\$2,145
NPC supervision	\$50
NPC flowback hand	\$300
B&L- new J-55 tbg	\$24,705
Unichem chemicals	\$400
Monks pit reclaim	\$1,800
NPC sfc equipment	\$130,000
Boren welding/labor	\$19,500
NDSI wtr disposal	\$3,000

Max TP: 2535 **Max Rate:** 24.8 BPM **Total fluid pmpd:** 270 bbls
Avg TP: 2298 **Avg Rate:** 24.8 BPM **Total Prop pmpd:** 17,447#'s
ISIP: 2150 **5 min:** _____ **10 min:** _____ **FG:** .90
Completion Supervisor: Orson Barney

DAILY COST: \$185,694
TOTAL WELL COST: \$590,788

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4579'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 183' balance plug using 17 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 373'

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

FEDERAL 13-18-9-16

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

Initial Production: BOPD,
 MCFD, BWPD

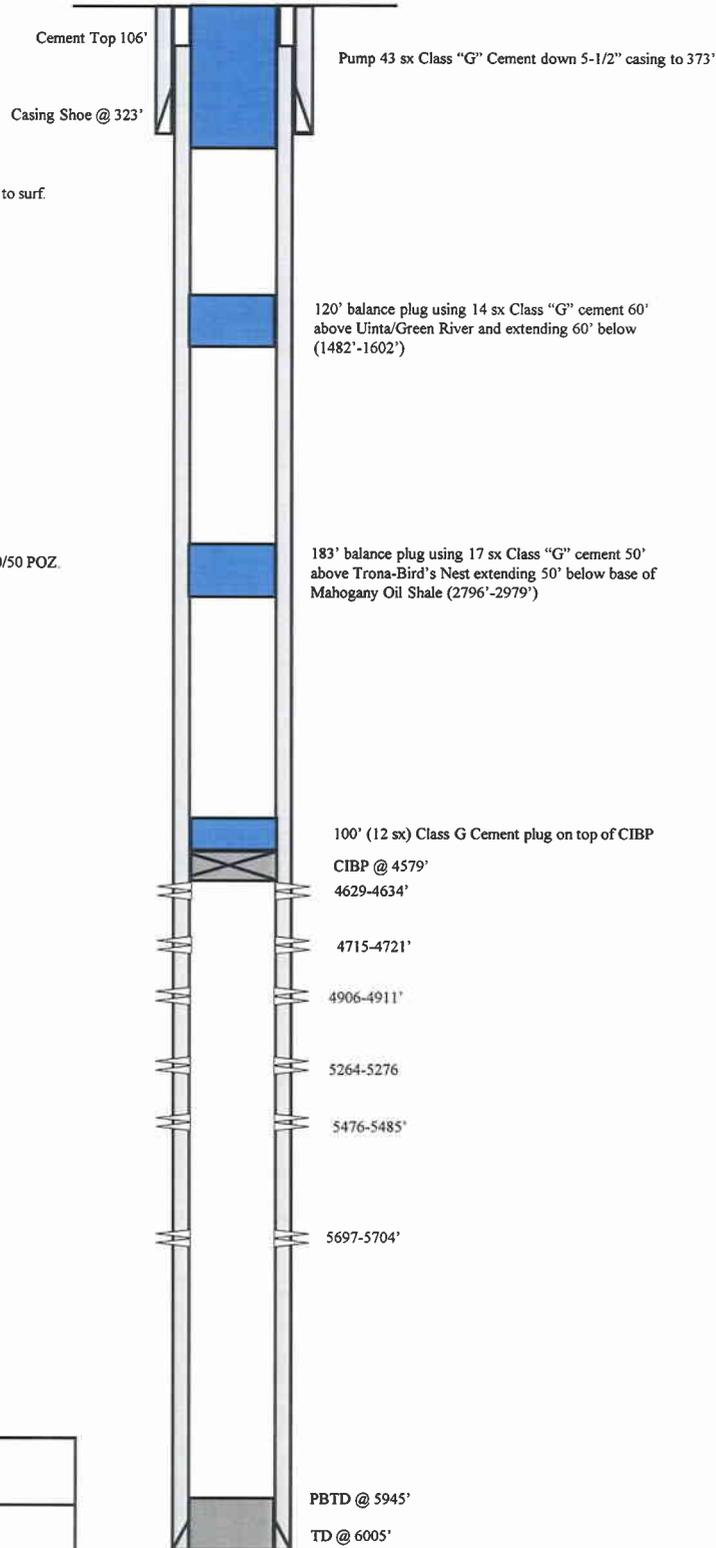
Proposed P&A Wellbore Diagram

SURFACE CASING

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

PRODUCTION CASING

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




FEDERAL 13-18-9-16 674' FSL & 364' FWL SW/SW Section 18-T9S-R16E Duchesne Co, Utah API #43-013-32999; Lease # UTU-64379

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)
 674 FSL 364 FWL
 SWSW Section 18 T9S R16E

5. Lease Serial No.
 USA UTU-64379

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
 FEDERAL 13-18-9-16

9. API Well No.
 4301332999

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

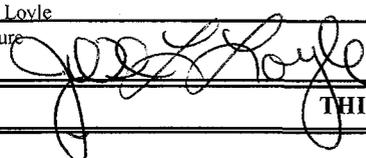
11. County or Parish, State
 UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input 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 Loyle	Title Regulatory Technician
Signature 	Date 02/09/2012

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

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

Deseret News

RECEIVED
MAR 09 2012

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	2/28/2012

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE NUM
8015385340	0000770992 /
SCHEDULE	
Start 02/27/2012	End 02/27/2012
CUST. REF. NO.	
UIC 387	
CAPTION	
PUBLIC NOTICE BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT	
SIZE	
73 Lines	2.00 COLUMN
TIMES	RATE
4	
MISC CHARGES	AD CHARGES
TOTAL COST	
250.28	

PUBLIC NOTICE
BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-387

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 16, 18, 20, 22, AND 24, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHECNE 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:
Castle Peak State 43-16 well located in NE/4 SE/4, Section 16, Township 9 South, Range 16 East
API 43-013-30594
West Point Federal 4A-18-9-16 well located in NW/4 NW/4, Section 18, Township 9 South, Range 16 East
API 43-013-33463
Federal 13-18-9-16 well located in SW/4 SW/4, Section 18, Township 9 South, Range 16 East
API 43-013-32999
Federal 7-20-9-16 well located in SW/4 NE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33106
Federal 11-20-9-16 well located in NE/4 SW/4, Section 20, Township 9 South, Range 16 East
API 43-013-32598
Federal 15-20-9-16 well located in SW/4 SE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33105
Federal 15-22-9-16 well located in SW/4 SE/4, Section 22, Township 9 South, Range 16 East
API 43-013-33167
Federal 9-24-9-16 well located in NE/4 SE/4, Section 24, Township 9 South, Range 16 East
API 43-013-33338
Federal 13-24-9-16 well located in SW/4 SW/4, Section 24, Township 9 South, Range 16 East
API 43-013-33342

The proceeding will be conducted in accordance with Utah Admn. 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 21st day of February, 2012.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING
Brad Hill
Permitting Manager
770992

UPAXLP

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-387 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.

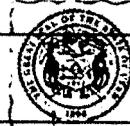
Start 02/27/2012 End 02/27/2012

PUBLISHED ON

SIGNATURE

Handwritten signature

2/28/2012



VIRGINIA CRAFT
Notary Public, State of Utah
Commission # 581459
My Commission Expires
January 12, 2014

Handwritten signature: Virginia Craft

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

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-387

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 16, 18, 20, 22, AND 24, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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API 43-013-33463

Federal 13-18-9-16 well located in SW/4 SW/4, Section 18, Township 9 South, Range 16 East
API 43-013-32999

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API 43-013-33106

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API 43-013-32598

Federal 15-20-9-16 well located in SW/4 SE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33105

Federal 15-22-9-16 well located in SW/4 SE/4, Section 22, Township 9 South, Range 16 East
API 43-013-33167

Federal 9-24-9-16 well located in NE/4 SE/4, Section 24, Township 9 South, Range 16 East
API 43-013-33338

Federal 13-24-9-16 well located in SW/4 SW/4, Section 24, Township 9 South, Range 16 East
API 43-013-33342

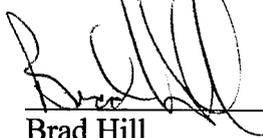
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Dated this 21st day of February, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

A handwritten signature in black ink, appearing to read "Brad Hill", is written over a horizontal line.

Brad Hill
Permitting Manager

Newfield Production Company

**CASTLE PEAK STATE 43-16, WEST POINT FEDERAL 4A-18-9-16,
FEDERAL 13-18-9-16, FEDERAL 7-20-9-16, FEDERAL 11-20-9-16,
FEDERAL 15-20-9-16, FEDERAL 15-22-9-16,
FEDERAL 9-24-9-16, FEDERAL 13-24-9-16**

Cause No. UIC-387

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 legals@ubstandard.com

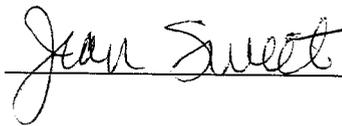
Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

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

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

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

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052





GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 21, 2012

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-387

To Whom It May Concern:

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

Please send proof of publication and billing to:

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

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

From: Cindy Kleinfelter <classifieds@ubstandard.com>
To: <jsweet@utah.gov>
Date: 2/23/2012 12:02 PM
Subject: Legal Notice

It will be published Feb. 28, 2012.
Thank you.
Cindy



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 21, 2012

VIA E-MAIL naclegal@mediaoneutah.com

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

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-387

To Whom It May Concern:

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

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

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

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

From: "Stowe, Ken" <kstowe@mediaoneutah.com>
To: <jsweet@utah.gov>
Date: 2/23/2012 12:36 PM
Subject: Proof for Public Notice
Attachments: OrderConf.pdf

AD# 770992
Run SL Trib & Des News 2/27/12
Cost \$250.28
Please advise of any changes or reply with OK to publish
Thank You
Ken

Order Confirmation for Ad #0000770992-01

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

Total Amount	\$250.28			
Payment Amt	\$0.00			
Amount Due	\$250.28	Tear Sheets	Proofs	Affidavits
		0	0	1
Payment Method		PO Number	UIC 387	
Confirmation Notes:				
Text:	Jean			
Ad Type	Ad Size	Color		
Legal Liner	2.0 X 73 Li	<NONE>		

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	2/27/2012	
Product	Placement	Position
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	2/27/2012	
Product	Placement	Position
sitrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	2/27/2012	
Product	Placement	Position
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	2/27/2012	

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. LIC-387

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 16, 18, 20, 22, AND 24, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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API 43-013-30594
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API 43-013-32999
Federal 7-20-9-16 well located in SW/4 NE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33106
Federal 11-20-9-16 well located in NE/4 SW/4, Section 20, Township 9 South, Range 16 East
API 43-013-32598
Federal 15-20-9-16 well located in SW/4 SE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33105
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API 43-013-33167
Federal 9-24-9-16 well located in NE/4 SE/4, Section 24, Township 9 South, Range 16 East
API 43-013-33338
Federal 13-24-9-16 well located in SW/4 SW/4, Section 24, Township 9 South, Range 16 East
API 43-013-33342

The proceeding will be conducted in accordance with Utah Admin. 6649-10, 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 21st day of February, 2012.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager
770992

UPAXLP



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

March 20, 2012

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

Subject: Greater Monument Butte Unit Well: Federal 13-18-9-16, Section 18, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-32999

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 3,942 feet in the Federal 13-18-9-16 well.

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

Sincerely,

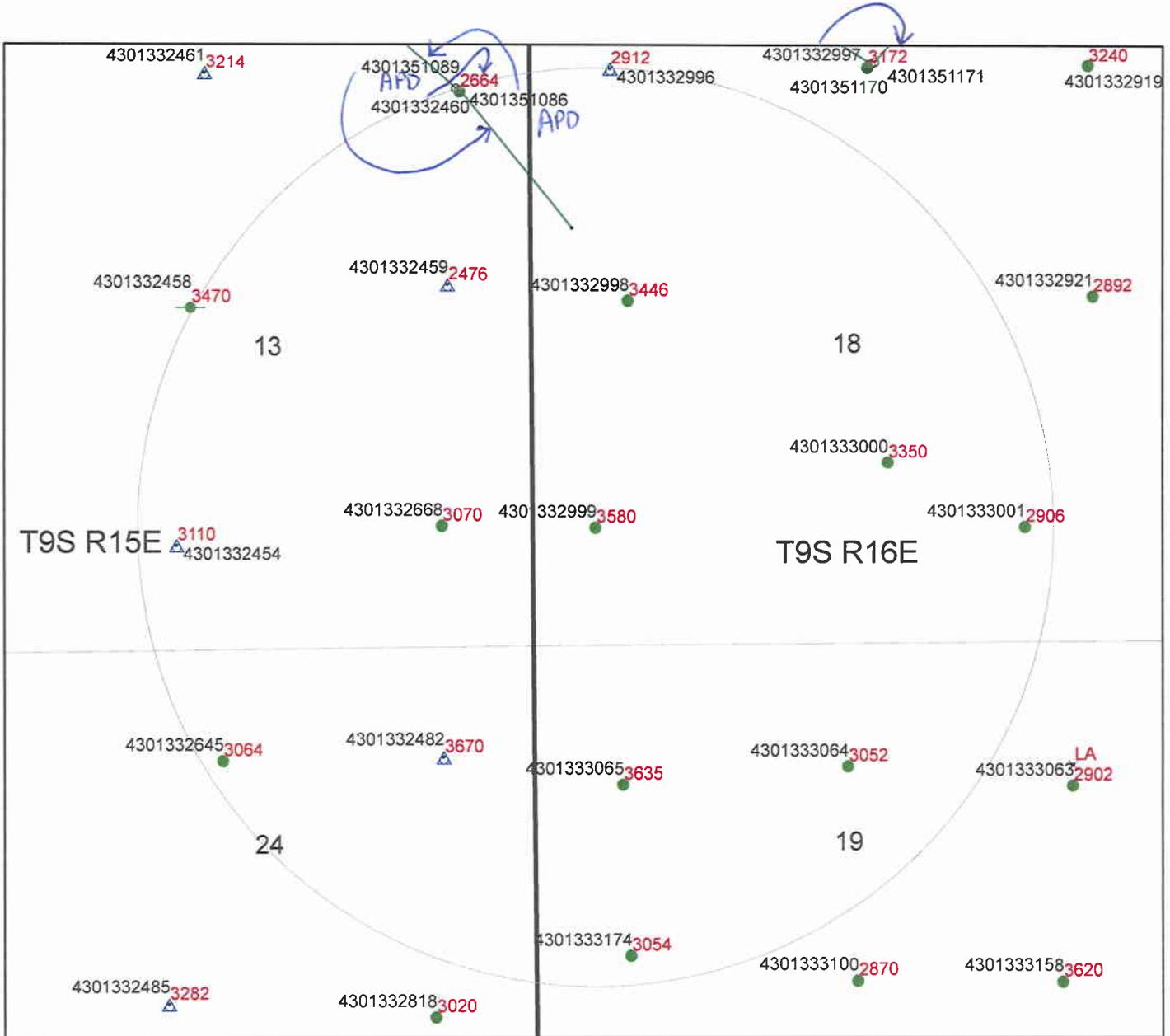

John Rogers
Associate Director

JR/MLR/js

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

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





Cement Bond Tops FEDERAL 13-18-9-16

API #43-013-32999

UIC-387.3

Legend

- | | |
|---|-----|
| Buffer_of_SGID93_ENERGY_DNROilGasWells_44 | PGW |
| SGID93.ENERGY.DNROilGasWells | POW |
| GIS_STAT_TYPE | RET |
| APD | SGW |
| DRL | SOW |
| GIW | TA |
| GSW | TW |
| LA | WDW |
| LOC | WIW |
| OPS | WSW |
| PA | |

- SGID93.BOUNDARIES Counties
- SGID93.ENERGY.DNROilGasWells_HDBottom
- SGID93.ENERGY.DNROilGasWells_HDPath
- Wells-CbtopsMaster02_24_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 13-18-9-16

Location: 18/9S/16E **API:** 43-013-32999

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 323 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,985 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,580 feet. A 2 7/8 inch tubing with a packer will be set at 4,579 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 11 producing wells and 4 injection wells in the AOR. All of the wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 1900 feet. Injection shall be limited to the interval between 3,942 feet and 5,945 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 13-18-9-16 well is 0.72 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 13-18-9-16

page 2

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

Bonding: Bonded with the BLM

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

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

Reviewer(s): Mark Reinbold

Date 2/28/2012

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FEDERAL 13-18-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013329990000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0674 FSL 0364 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 18 Township: 09.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/17/2012 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

The subject well has been converted from a producing oil well to an injection well on 04/11/2012. On 04/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 04/17/2012 the casing was pressured up to 1300 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 a State representative available to witness the test - Chris Jensen.

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

Date: May 07, 2012

By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 4/20/2012

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

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

Witness: _____ Date 9/17/12 Time 11:00 am pm

Test Conducted by: DAVE BLOWARD

Others Present: Michael Jensen

Well: <u>FEDERAL 13-18-9-16</u>	Field: <u>FEDERAL 13-18-9-16</u>
Well Location: <u>FEDERAL 13-18-9-16</u>	Duchesne County, Utah UTA 87538X
<u>SW/SW SEC. 18, T9S, R16E</u>	API No: <u>43-013-32999</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1300</u>	psig
5	<u>1300</u>	psig
10	<u>1300</u>	psig
15	<u>1300</u>	psig
20	<u>1300</u>	psig
25	<u>1300</u>	psig
30 min	<u>1300</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 0 psig

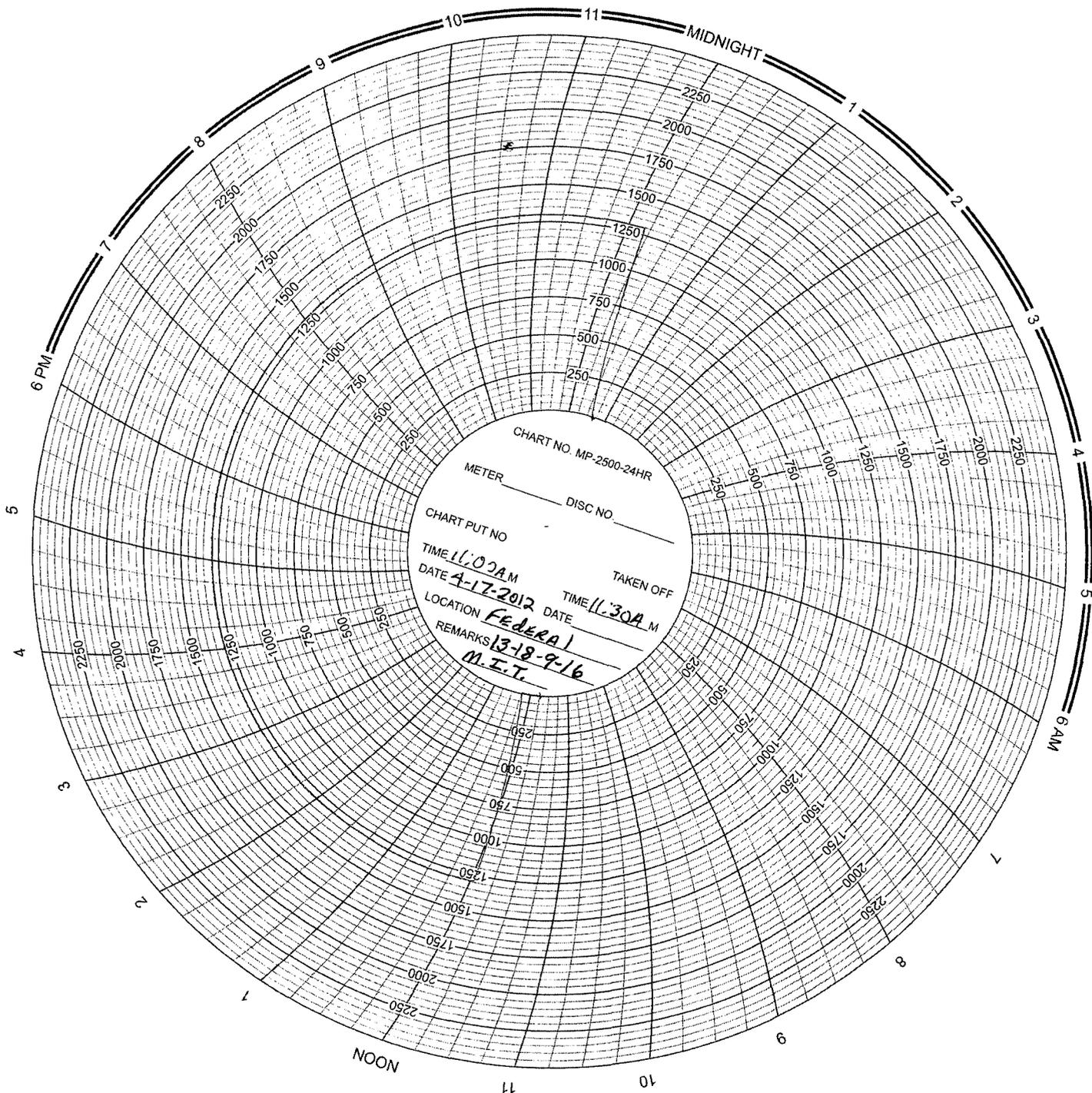
Result: Pass Fail

Signature of Witness:

Michael Jensen

Signature of Person Conducting Test:

David Bloward



POOH Breaking & Doping Jts Flush Tbg w/ 35 bbls Cont POOH & LD on trailer w/ 38 Jts. SWIFN - Safety meeting. JSA. Rig down move over from 13-10-9-16 MIRU pump 60 bbls down csg Unseat Pump flush Rods w/ 40 bbls, Resat Pump Fill Tbg w/ 5bbls press test to 3000psi (Good Test) POOH w/ Rods Stop & Flush # More Times. SWIFN - Safety meeting. JSA. Rig down move over from 13-10-9-16 MIRU pump 60 bbls down csg Unseat Pump flush Rods w/ 40 bbls, Resat Pump Fill Tbg w/ 5bbls press test to 3000psi (Good Test) POOH w/ Rods Stop & Flush # More Times. SWIFN - Safety meeting. JSA. Rig down move over from 13-10-9-16 MIRU pump 60 bbls down csg Unseat Pump flush Rods w/ 40 bbls, Resat Pump Fill Tbg w/ 5bbls press test to 3000psi (Good Test) POOH w/ Rods Stop & Flush # More Times. SWIFN - Safety Meeting, JSA, TIH w/ 5-1/2 Inj PKR Pump 10 bbls pad Drop SV fill Tbg w/ 20 bbls press test to 3000psi (took 2 times to get good test) RIH w/ Sand Line Retrieve SV POOH RD Tbg Eup. ND BOPs Mix & pump PKR Fuild Set PKR @ 4581 CE. Fill csg w/ 10 bbls press test to 1400 psi (2 times) To Windy to Rig Down - Safety Meeting, JSA, TIH w/ 5-1/2 Inj PKR Pump 10 bbls pad Drop SV fill Tbg w/ 20 bbls press test to 3000psi (took 2 times to get good test) RIH w/ Sand Line Retrieve SV POOH RD Tbg Eup. ND BOPs Mix & pump PKR Fuild Set PKR @ 4581 CE. Fill csg w/ 10 bbls press test to 1400 psi (2 times) To Windy to Rig Down - Safety Meeting, JSA, TIH w/ 5-1/2 Inj PKR Pump 10 bbls pad Drop SV fill Tbg w/ 20 bbls press test to 3000psi (took 2 times to get good test) RIH w/ Sand Line Retrieve SV POOH RD Tbg Eup. ND BOPs Mix & pump PKR Fuild Set PKR @ 4581 CE. Fill csg w/ 10 bbls press test to 1400 psi (2 times) To Windy to Rig Down - Safety Meeting. JSA. ND WH Release TAC, NU BOPs RIH w/ sandline, Tag fill @ 5934' POOH Breaking & Doping Jts Flush Tbg w/ 35 bbls Cont POOH & LD on trailer w/ 38 Jts. SWIFN - Safety Meeting. JSA. ND WH Release TAC, NU BOPs RIH w/ sandline, Tag fill @ 5934' POOH Breaking & Doping Jts Flush Tbg w/ 35 bbls Cont POOH & LD on trailer w/ 38 Jts. SWIFN - Safety Meeting. JSA. ND WH Release TAC, NU BOPs RIH w/ sandline, Tag fill @ 5934' POOH Breaking & Doping Jts Flush Tbg w/ 35 bbls Cont POOH & LD on trailer w/ 38 Jts. SWIFN

Daily Cost: \$0

Cumulative Cost: \$73,384

4/18/2012 Day: 4

Conversion

Rigless on 4/18/2012 - Conduct initial MIT - On 04/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 04/17/2012 the casing was pressured up to 1300 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 a State representative available to witness the test - Chris Jensen. - On 04/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 04/17/2012 the casing was pressured up to 1300 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 a State representative available to witness the test - Chris Jensen. - On 04/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 04/17/2012 the casing was pressured up to 1300 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 a State representative available to witness the test - Chris Jensen. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$118,085

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

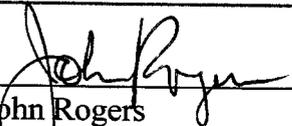
Cause No. UIC-387

Operator: Newfield Production Company
Well: Federal 13-18-9-16
Location: Section 18, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-32999
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on March 20, 2012.
2. Maximum Allowable Injection Pressure: 1,613 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,942' – 5,945')
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

5-17-12
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



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
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3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0674 FSL 0364 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 18 Township: 09.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/25/2012 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" 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 8:50 AM on
05/25/2012.

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

FOR RECORD ONLY

May 25, 2012

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

FEDERAL 13-18-9-16

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

Injection Wellbore Diagram

SURFACE CASING

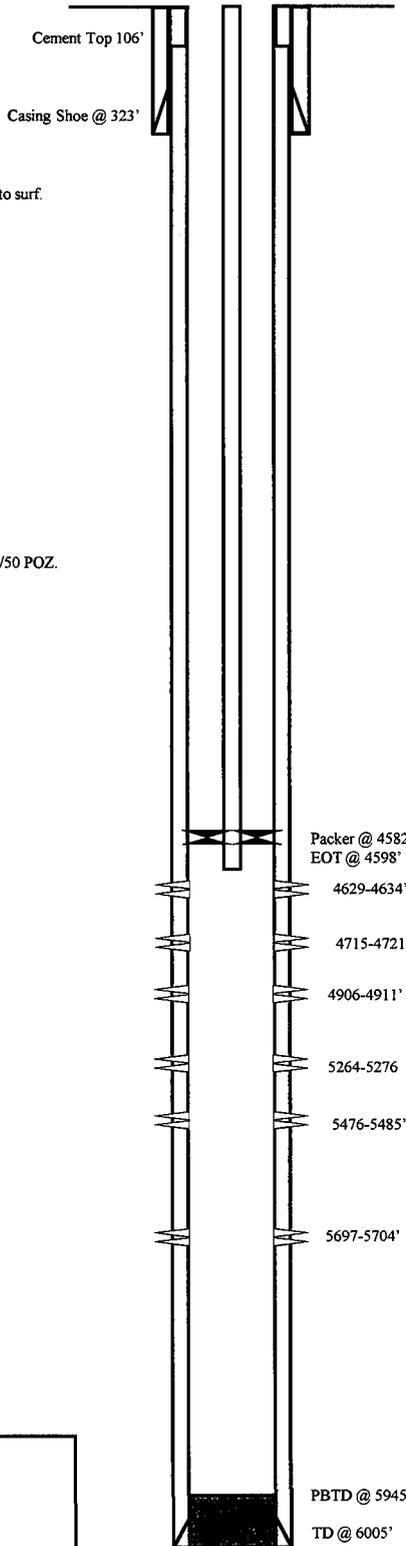
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.56')
 DEPTH LANDED: 323.46' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

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

TUBING

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



FRAC JOB

10/30/07 5697-5704' **Frac CP3 sands as follows:**
 14620# 20/40 sand in 297 bbls Lightning 17 frac fluid. Treated @ avg press of 1905 psi w/avg rate of 24.8 BPM. ISIP 1650 psi. Calc flush: 5695 gal. Actual flush: 5191 gal.

10/30/07 5476-5485' **Frac LODC sands as follows:**
 14860# 20/40 sand in 283 bbls Lightning 17 frac fluid. Treated @ avg press of 2275 psi w/avg rate of 24.8 BPM. ISIP 2160 psi. Calc flush: 5474 gal. Actual flush: 4969 gal.

10/30/07 5264-5276' **Frac LODC sands as follows:**
 84724# 20/40 sand in 672 bbls Lightning 17 frac fluid. Treated @ avg press of 1940 psi w/avg rate of 24.8 BPM. ISIP 2205 psi. Calc flush: 5262 gal. Actual flush: 4759 gal.

10/30/07 4906-4911' **Frac B2 sands as follows:**
 19569# 20/40 sand in 313 bbls Lightning 17 frac fluid. Treated @ avg press of 2260 psi w/avg rate of 24.8 BPM. ISIP 1845 psi. Calc flush: 4904 gal. Actual flush: 4402 gal.

10/30/07 4715-4721' **Frac D3 sands as follows:**
 24711# 20/40 sand in 342 bbls Lightning 17 frac fluid. Treated @ avg press of 1960 psi w/avg rate of 24.8 BPM. ISIP 1890 psi. Calc flush: 4713 gal. Actual flush: 4250 gal.

10/30/07 4629-4634' **Frac D1 sands as follows:**
 17447# 20/40 sand in 270 bbls Lightning 17 frac fluid. Treated @ avg press of 2298 psi w/avg rate of 24.8 BPM. ISIP 2150 psi. Calc flush: 4627 gal. Actual flush: 4536 gal.

12/15/10 **Tubing Leak.** Rod & tubing updated.

8/29/11 **Tubing Leak.** Rod & tubing detail updated.

04/11/12 **Convert to Injection Well**

04/17/12 **Conversion MIT Finalized** - update tbg detail

PERFORATION RECORD

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

NEWFIELD

FEDERAL 13-18-9-16

674' FSL & 364' FWL
 SW/SW Section 18-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32999; Lease # UTU-64379