



April 25, 2006

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

RE: Applications for Permit to Drill: Federal 7-19-9-16, 10-19-9-16, 11-19-9-16, 14-19-9-16, 15-19-9-16, 16-19-9-16, 15-21-9-16, 16-21-9-16, 10-22-9-16, and 15-22-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 11-19-9-16, 14-19-9-16, 10-22-9-16, and 15-22-9-16 are all Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

A handwritten signature in black ink that reads "Mandie Crozier".

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
APR 26 2006
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.
UTU-74391

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 10-19-9-16

9. API Well No.
43-013-33159

10. Field and Pool, or Exploratory
Monument Butte

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

12. County or Parish
Duchesne

13. State
UT

1a. Type of Work: DRILL REENTER

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

2. Name of Operator
Newfield Production Company

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

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

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface NW/SE 1890' FSL 2146' FEL **571727X 40, 014432**
At proposed prod. zone **4429487Y -110.159555**

14. Distance in miles and direction from nearest town or post office*
Approximatley 14.9 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. 750' f/lse, NA f/unit
Approx. 1437'

16. No. of Acres in lease
2139.50

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. 1437'

19. Proposed Depth
6040'

20. BLM/BIA Bond No. on file
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
6181' GL

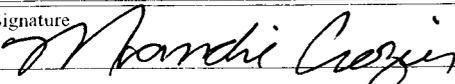
22. Approximate date work will start*
3rd Quarter 2006

23. Estimated duration
Approximately seven (7) days from spud to rig release.

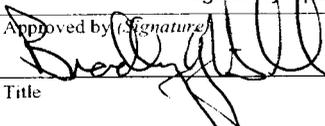
24. Attachments

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

- 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 **4/25/06**

Title **Regulatory Specialist**

Approved by (Signature)  Name (Printed/Typed) **BRADLEY G. HILL** Date **04-27-06**

Title **Office ENVIRONMENTAL MANAGER**

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

Conditions of approval, if any, are attached.

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

*(Instructions on reverse)

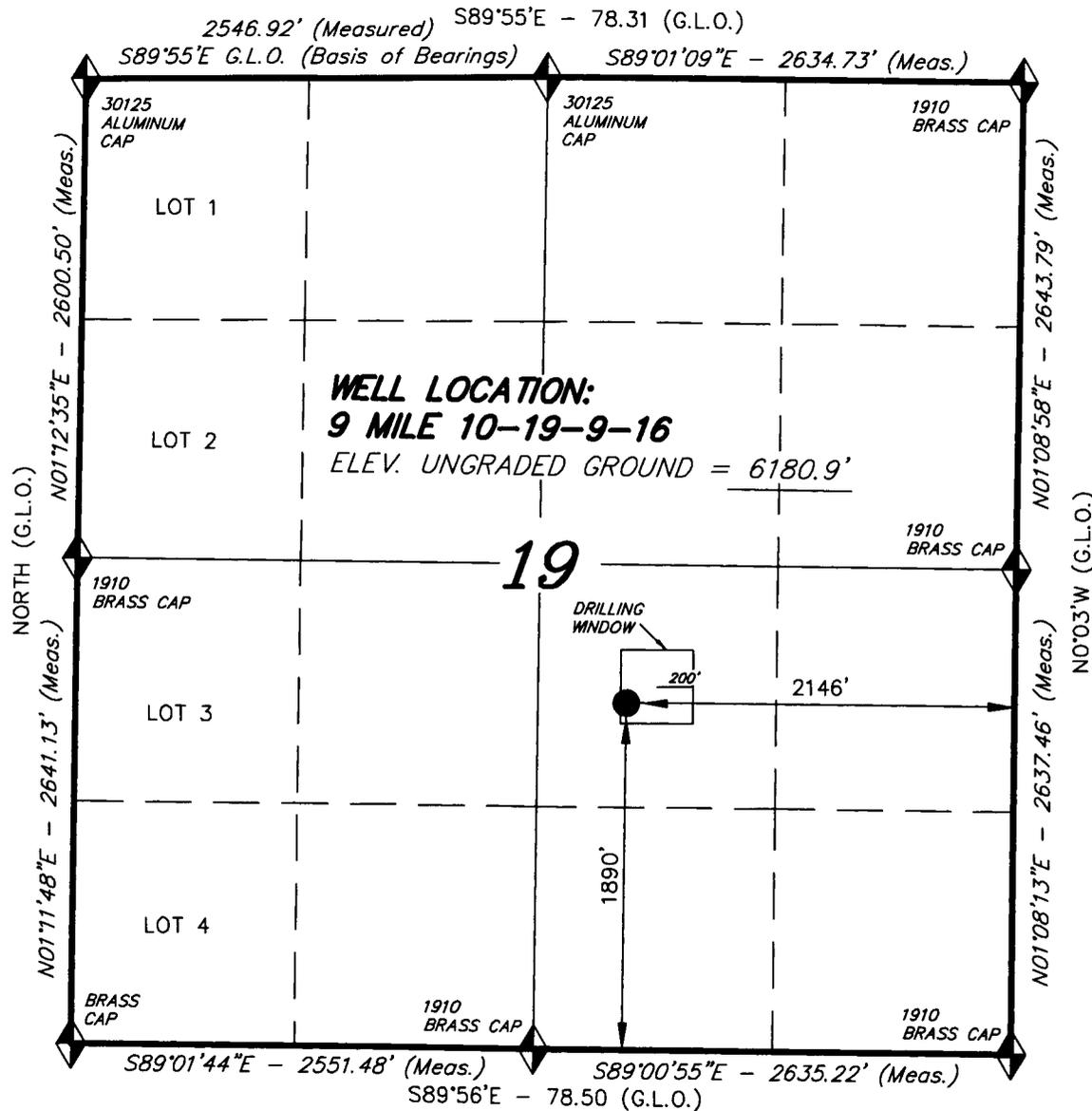
Federal Approval
Action is Approved

RECEIVED
APR 26 2006
DIV. OF OIL, GAS & MINING

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

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 10-19-9-16,
 LOCATED AS SHOWN IN THE NW 1/4 SE
 1/4 OF SECTION 19, T9S, R16E,
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



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

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

◆ = SECTION CORNERS LOCATED
 BASIS OF ELEV;
 U.S.G.S. 7-1/2 min QUAD (MYTON SW)

9 MILE 10-19-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 00' 51.66"
 LONGITUDE = 110° 09' 37.20"

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

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

**NEWFIELD PRODUCTION COMPANY
FEDERAL #10-19-9-16
NW/SE SECTION 19, T9S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2325'
Green River	2325'
Wasatch	6040'

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

Green River Formation 2325' – 6040' - 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 #10-19-9-16
NW/SE SECTION 19, T9S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #10-19-9-16 located in the NW 1/4 SE 1/4 Section 19, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 12.0 miles \pm to its junction with an existing road to the southeast; proceed southeasterly - 0.4 miles \pm to its junction with the beginning of the proposed access road; proceed along the proposed access road - 0.9 miles \pm passing the 15-19-9-16 location 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 Olive Black.
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

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

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

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

12. **OTHER ADDITIONAL INFORMATION**

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

For the Federal #10-19-9-16 Newfield Production Company requests a 470' ROW be granted in Lease UTU-64379 and 4320' of disturbed area be granted in Lease UTU-74391 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 470' ROW in Lease UTU-64379 and 4320' of disturbed area be granted in Lease UTU-74391 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 buried 6" gas gathering line, and a buried 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

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

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

Threatened, Endangered, And Other Sensitive Species

Golden Eagle: Due to this proposed well access roads proximity (less than 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between March 1 and May 15. If the nest remains inactive on May 15th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location between May 15 and March 1 of the following year. If the nest site becomes active prior to May 15, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes

a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Reserve Pit Liner

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

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

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

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

Details of the On-Site Inspection

The proposed Federal #10-19-9-16 was on-sited on 3/17/06. The following were present; Shon Mckinnon (Newfeild Production), Chris Carusona (Bureau of Land Management), and Brandon McDonald (Bureau of Landmanagement). Weather conditions were clear and ground cover was 30% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

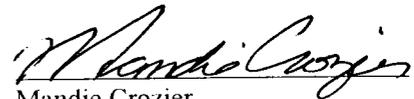
Name: Shon Mckinnon
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721 _____

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #10-19-9-16 NW/SE Section 19, Township 9S, Range 16E: Lease UTU-74391 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

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

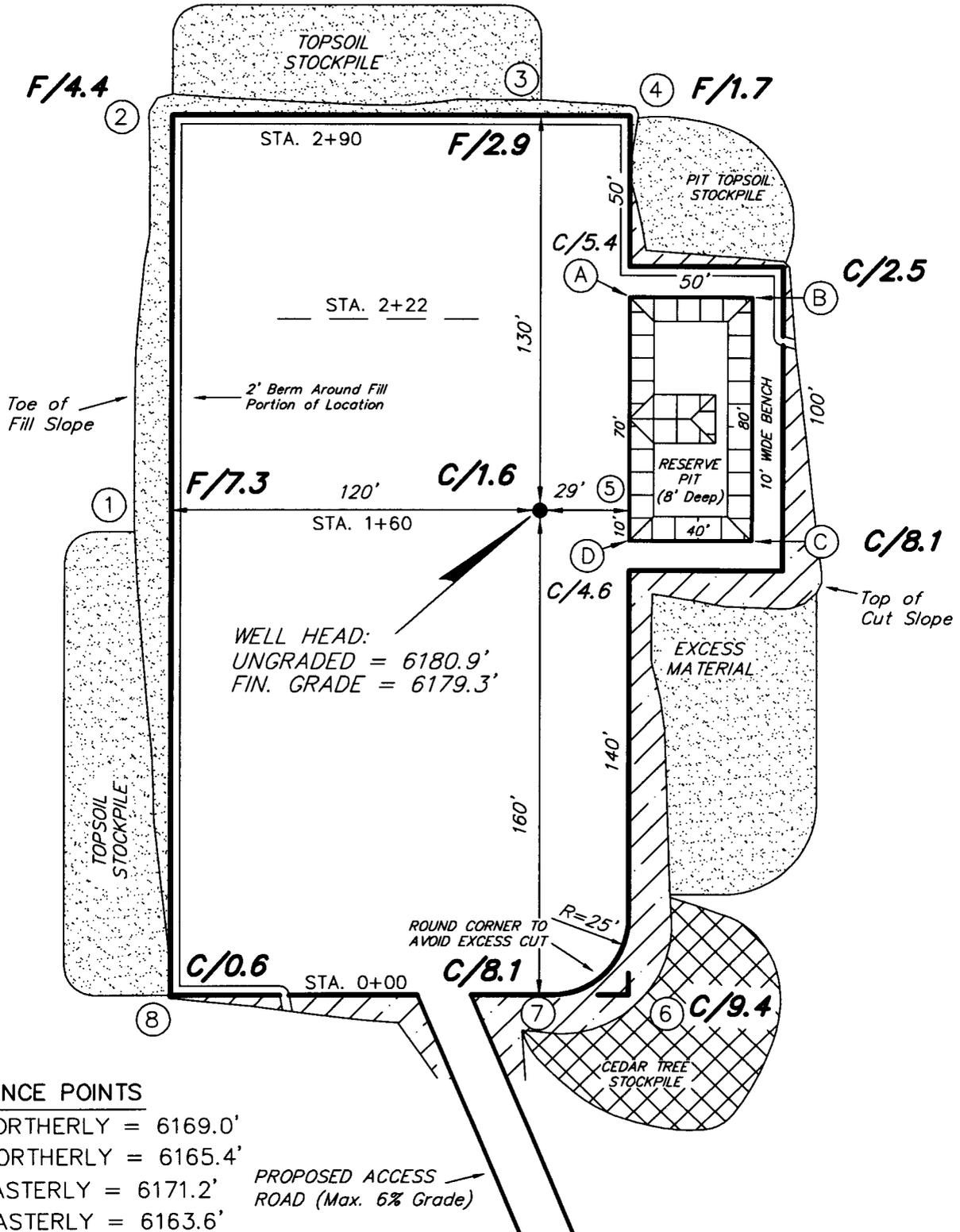
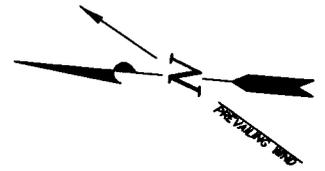
4/25/06
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 10-19-9-16

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



REFERENCE POINTS

- 170' NORTHERLY = 6169.0'
- 220' NORTHERLY = 6165.4'
- 180' EASTERLY = 6171.2'
- 230' EASTERLY = 6163.6'

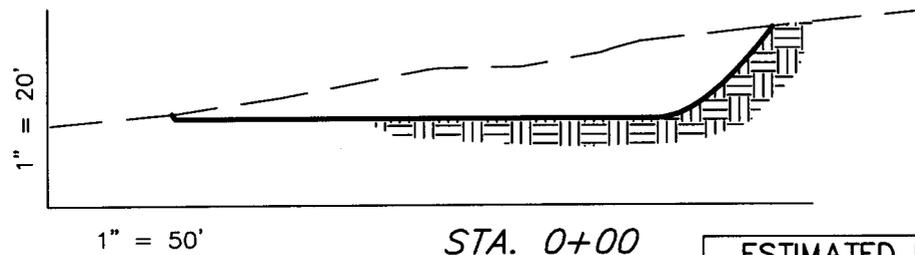
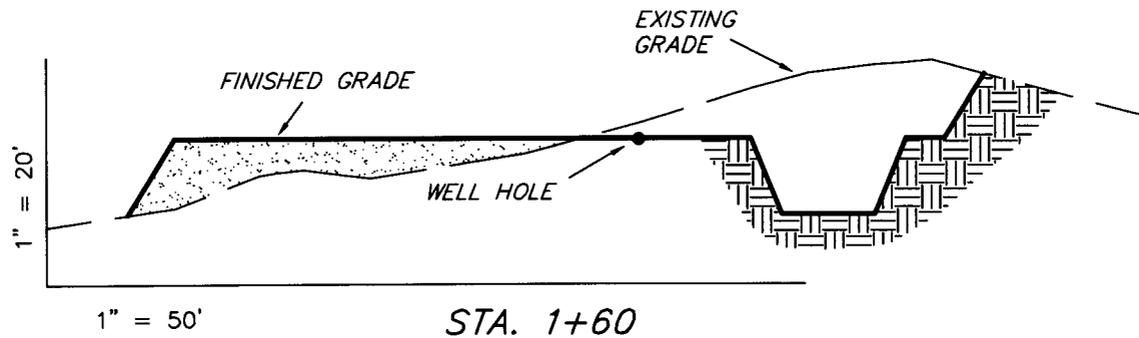
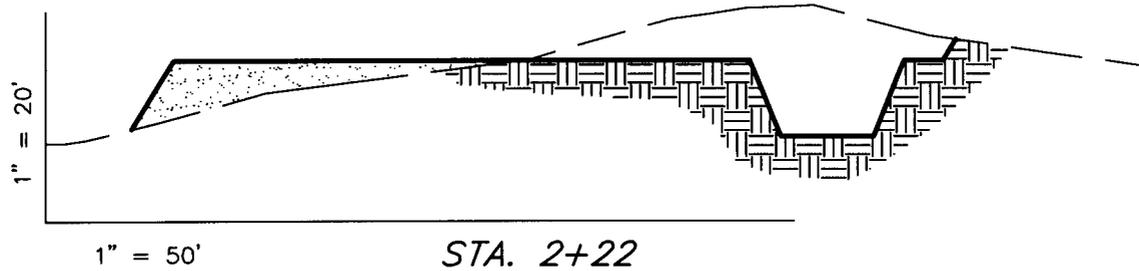
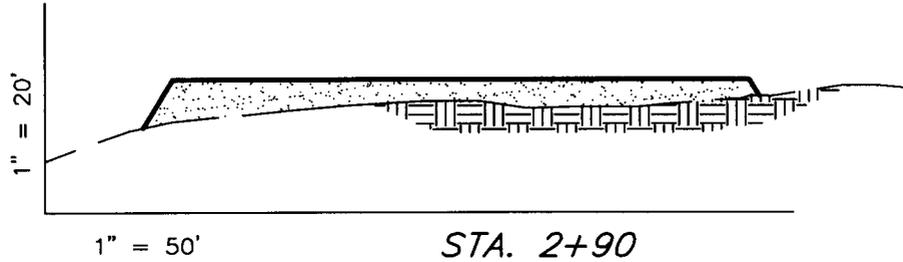
PROPOSED ACCESS ROAD (Max. 6% Grade)

SURVEYED BY: C.M.	SCALE: 1" = 50'	<p style="font-size: small;">(435) 781-2501 180 NORTH VERNAL AVE. VERNAL, UTAH 84078</p>
DRAWN BY: F.T.M.	DATE: 04-12-06	

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 10-19-9-16



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

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	3,260	3,250	Topsoil is not included in Pad Cut	10
PIT	640	0		640
TOTALS	3,900	3,250	1,030	650

SURVEYED BY: C.M.

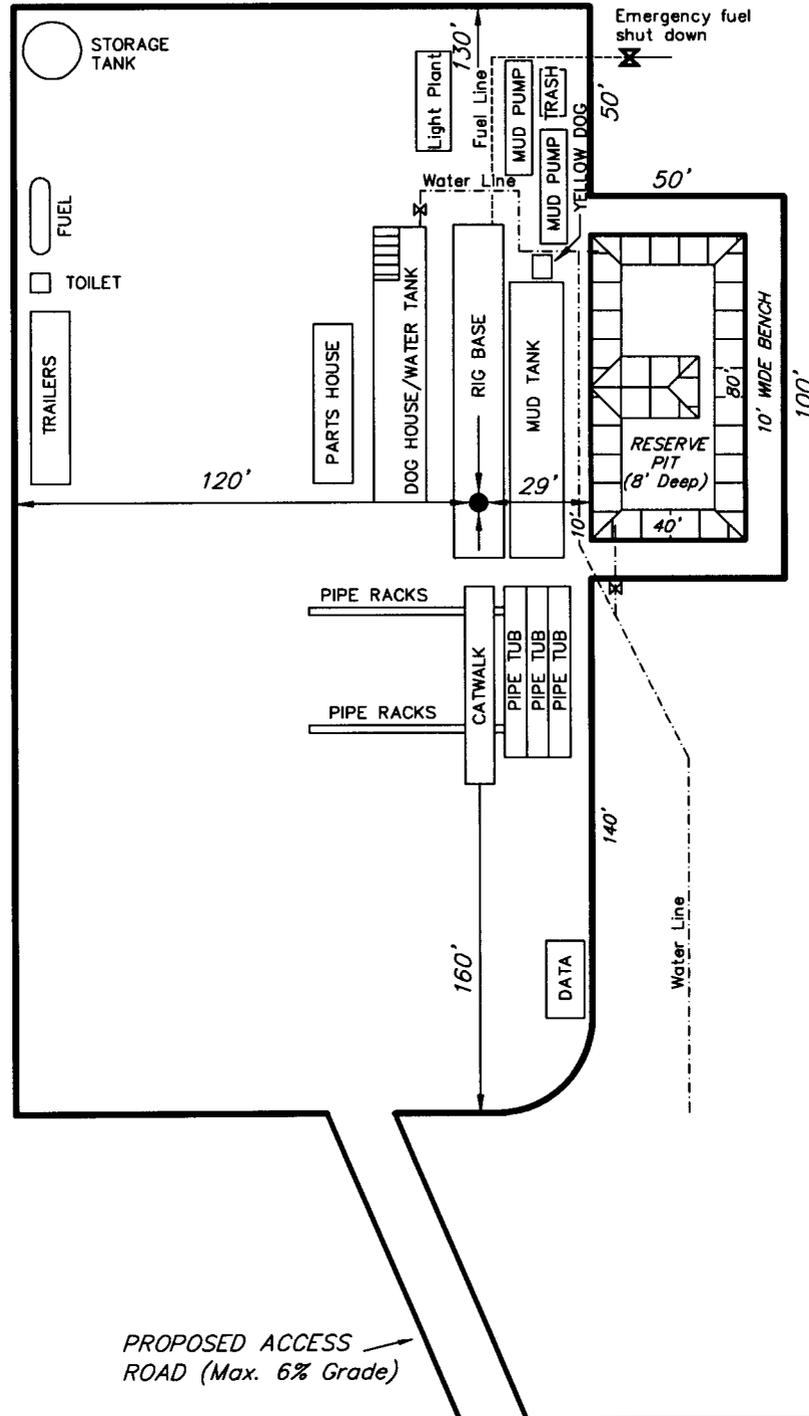
SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 04-12-06

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

NEWFIELD PRODUCTION COMPANY
TYPICAL RIG LAYOUT
9 MILE 10-19-9-16



SURVEYED BY: C.M.
 DRAWN BY: F.T.M.

SCALE: 1" = 50'
 DATE: 04-12-06

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

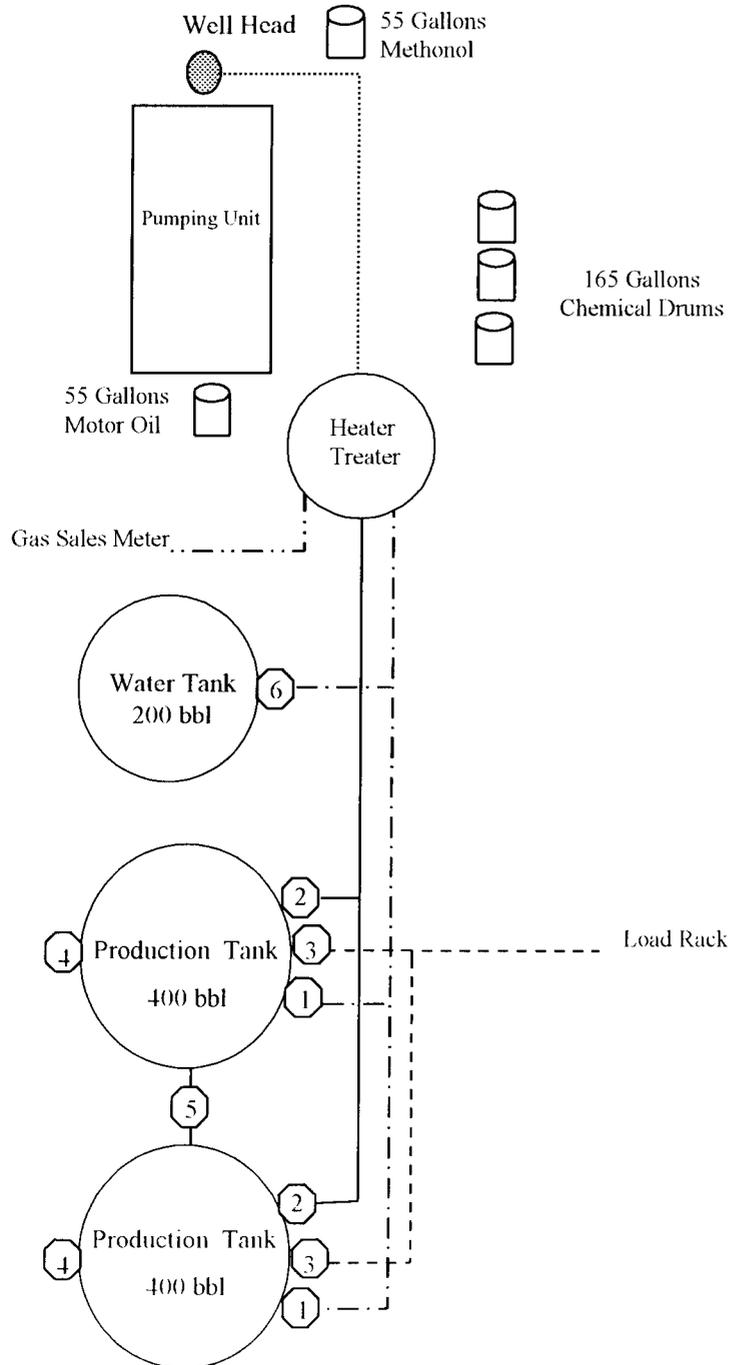
Newfield Production Company Proposed Site Facility Diagram

Federal 10-19-9-16

NW/SE Sec. 19, T9S, 16E

Duchesne County, Utah

UTU-74391



Legend

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

Production Phase:

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

Sales Phase:

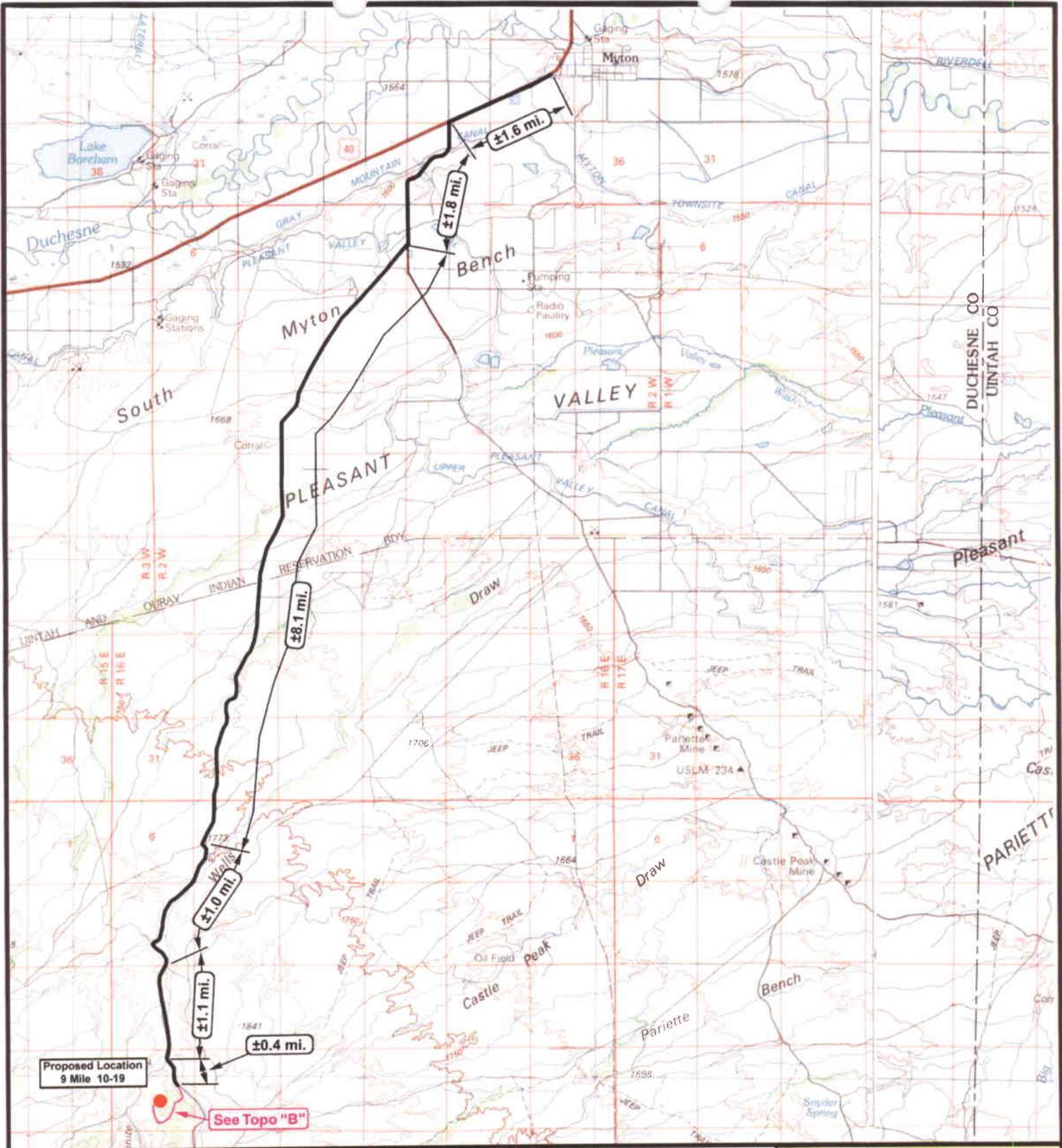
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valves 1 and 6 open

Diked Section





NEWFIELD
Exploration Company

9 Mile 10-19-9-16
SEC. 19, T9S, R16E, S.L.B.&M.



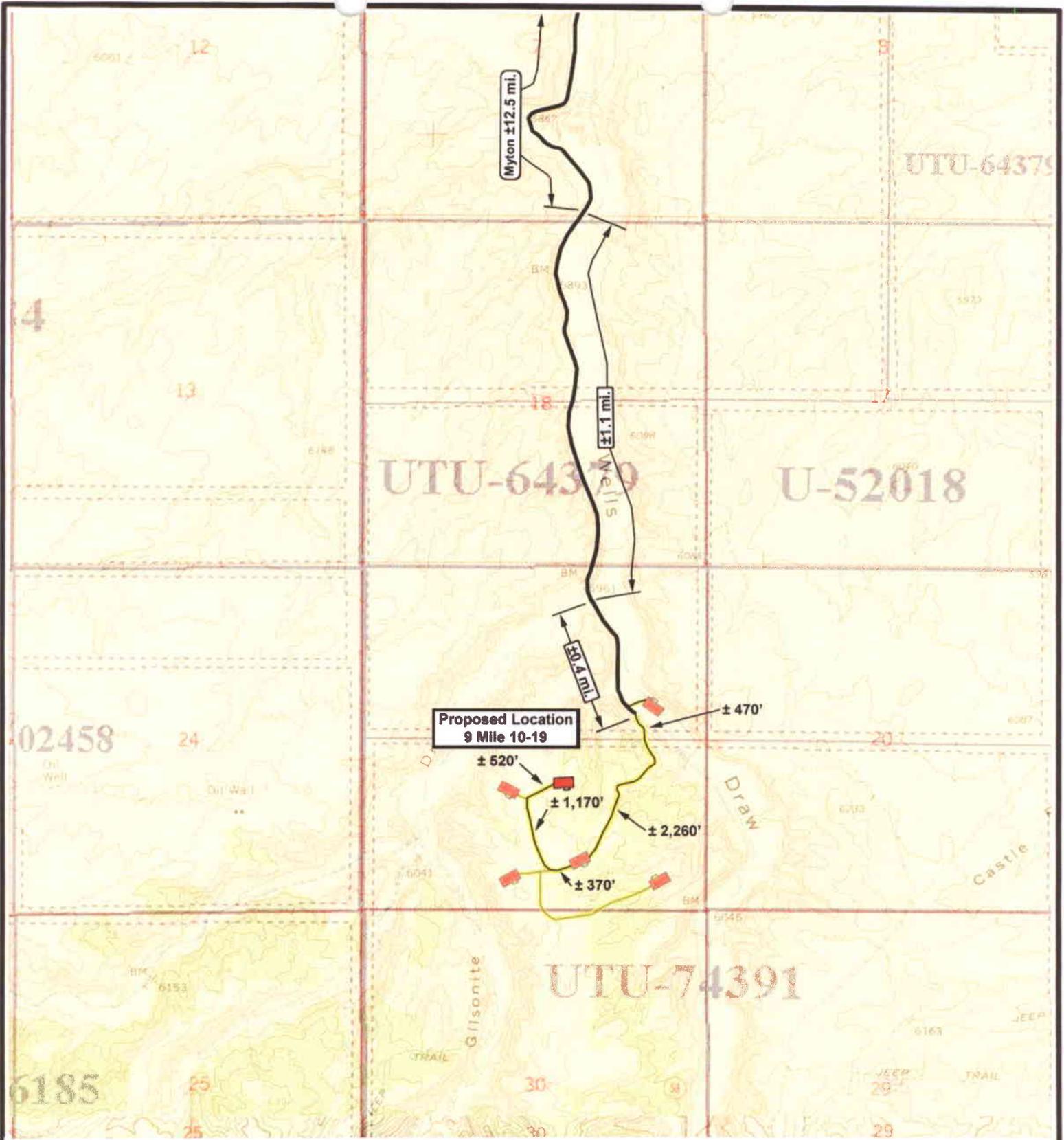
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

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

Legend

— Existing Road
— Proposed Access

TOPOGRAPHIC MAP
"A"



NEWFIELD
Exploration Company

9 Mile 10-19-9-16
SEC. 19, T9S, R16E, S.L.B.&M.



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

SCALE: 1" = 2000'

DRAWN BY: mw

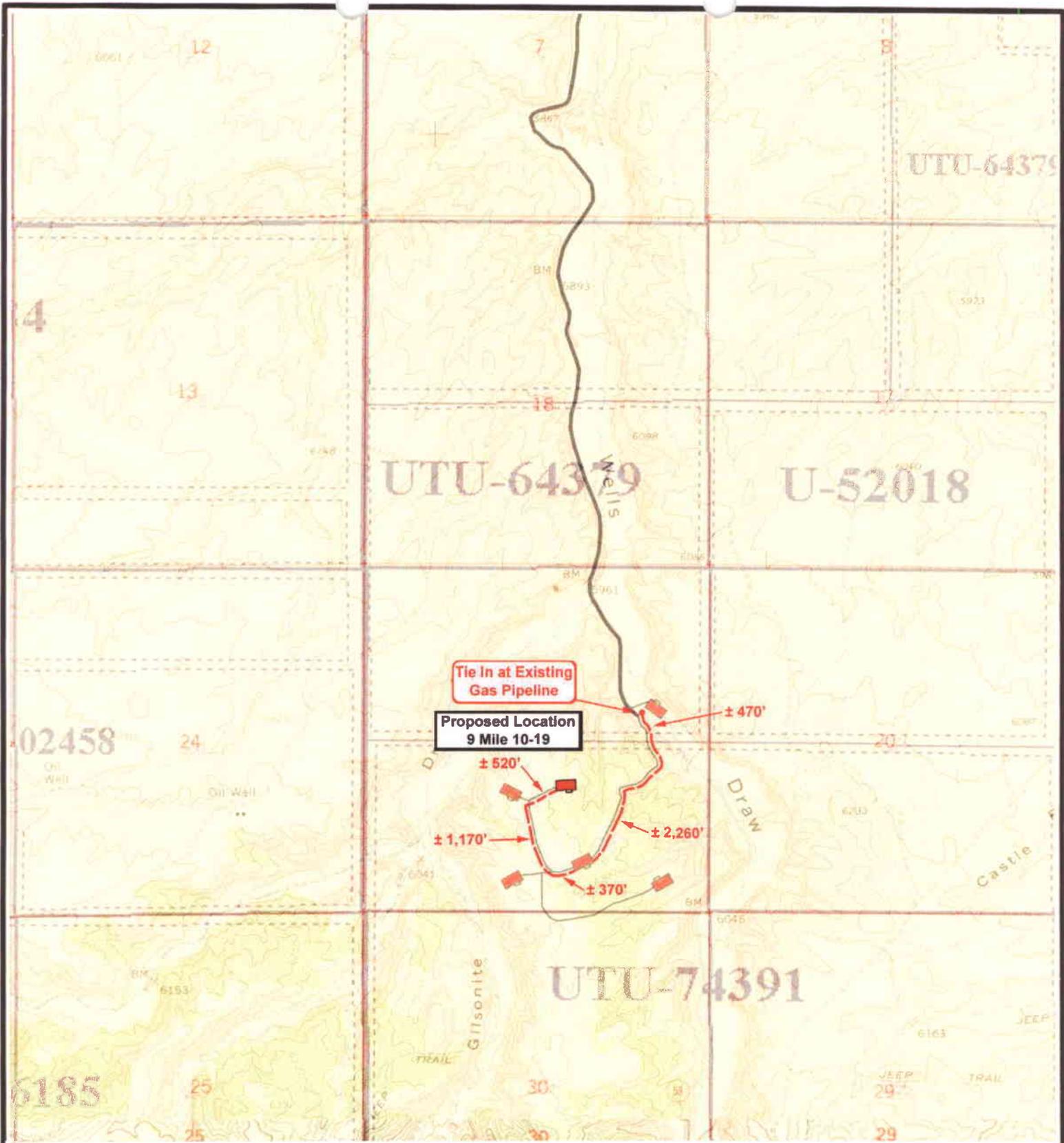
DATE: 04-13-2006

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

"B"



NEWFIELD
Exploration Company

9 Mile 10-19-9-16
SEC. 19, T9S, R16E, S.L.B.&M.

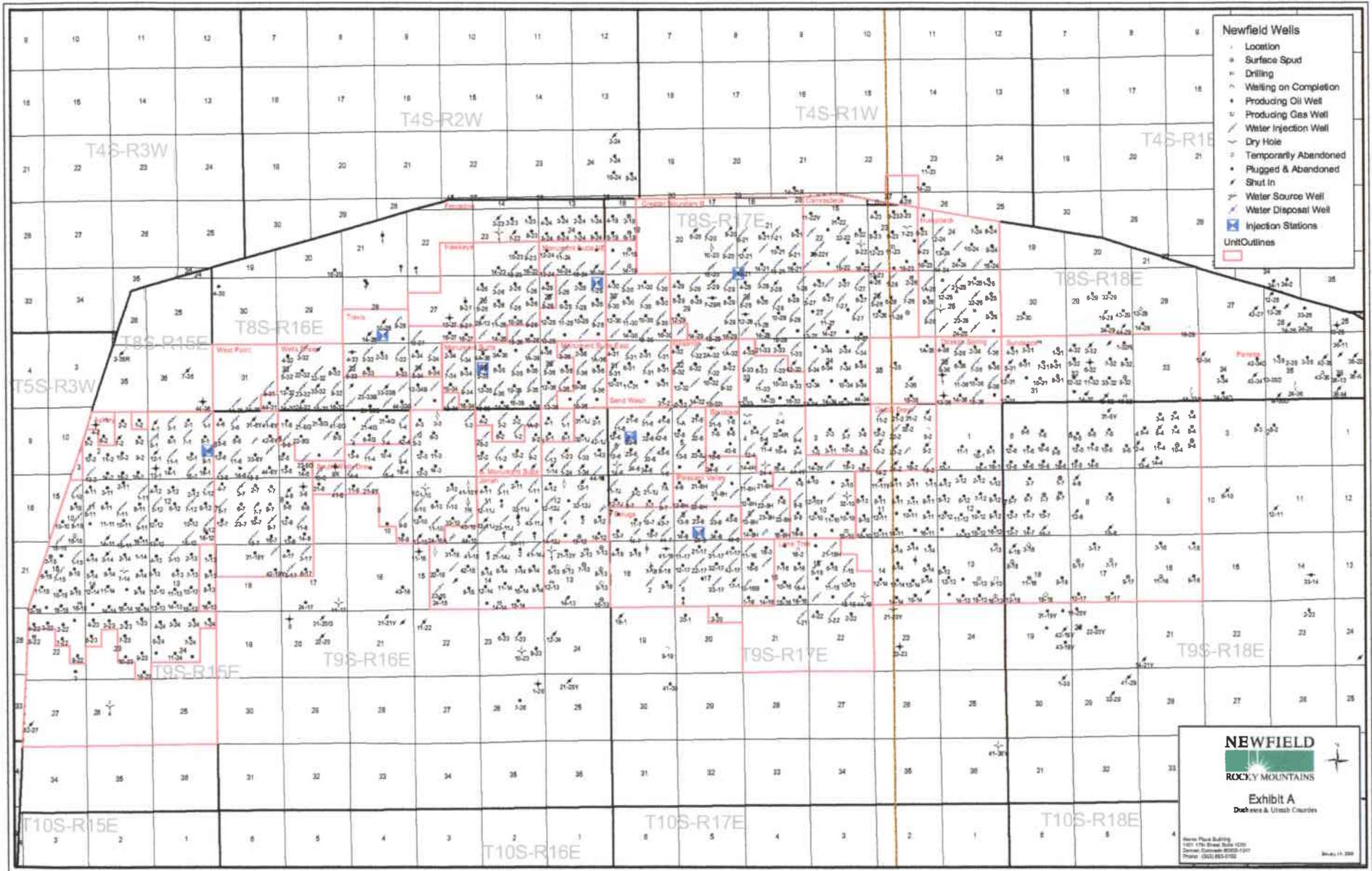


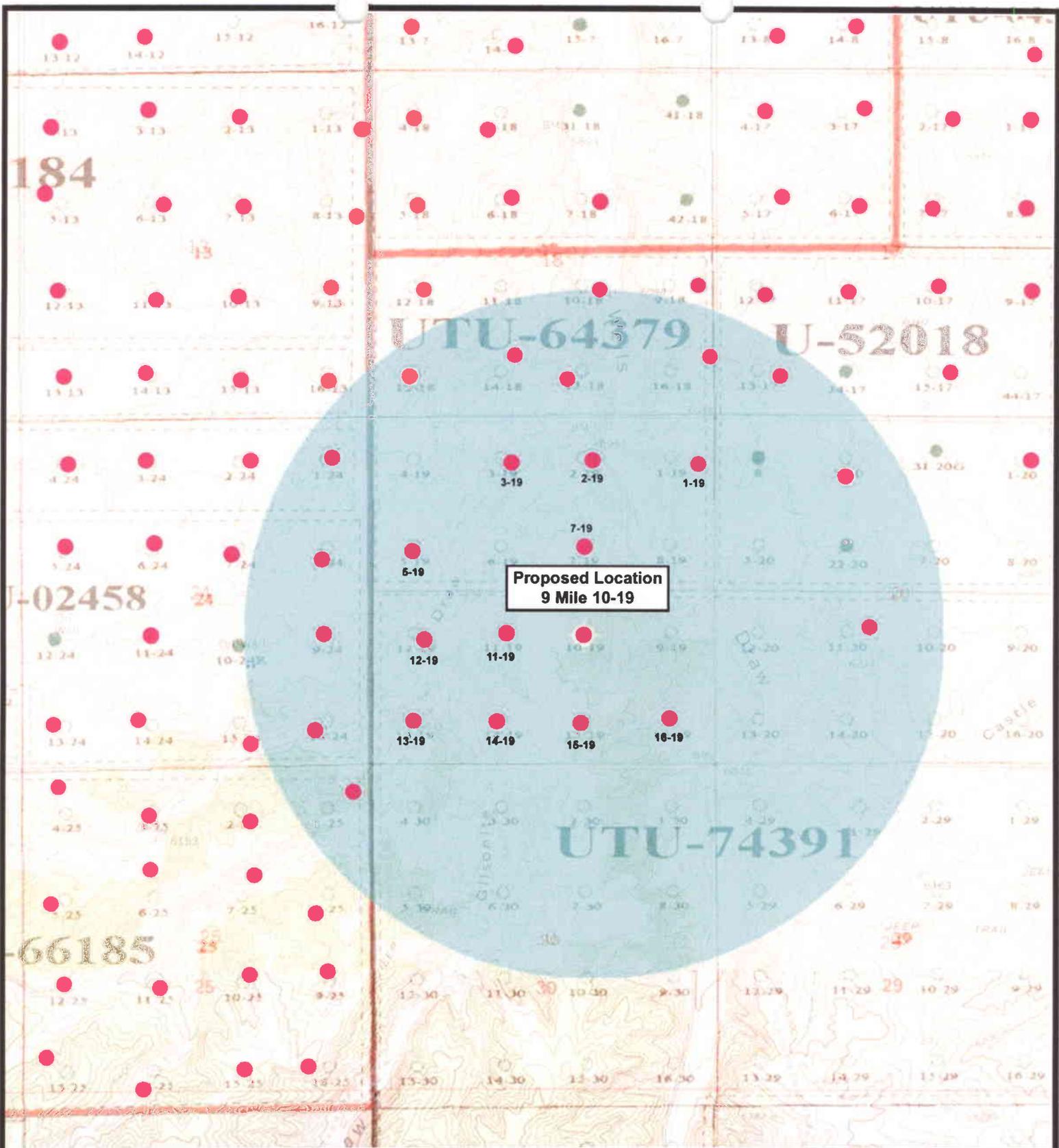
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

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

Legend
— Roads
- - - Proposed Gas Line

TOPOGRAPHIC MAP
"C"





 **NEWFIELD**
Exploration Company

9 Mile 10-19-9-16
SEC. 19, T9S, R16E, S.L.B.&M.



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

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 04-13-2006

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

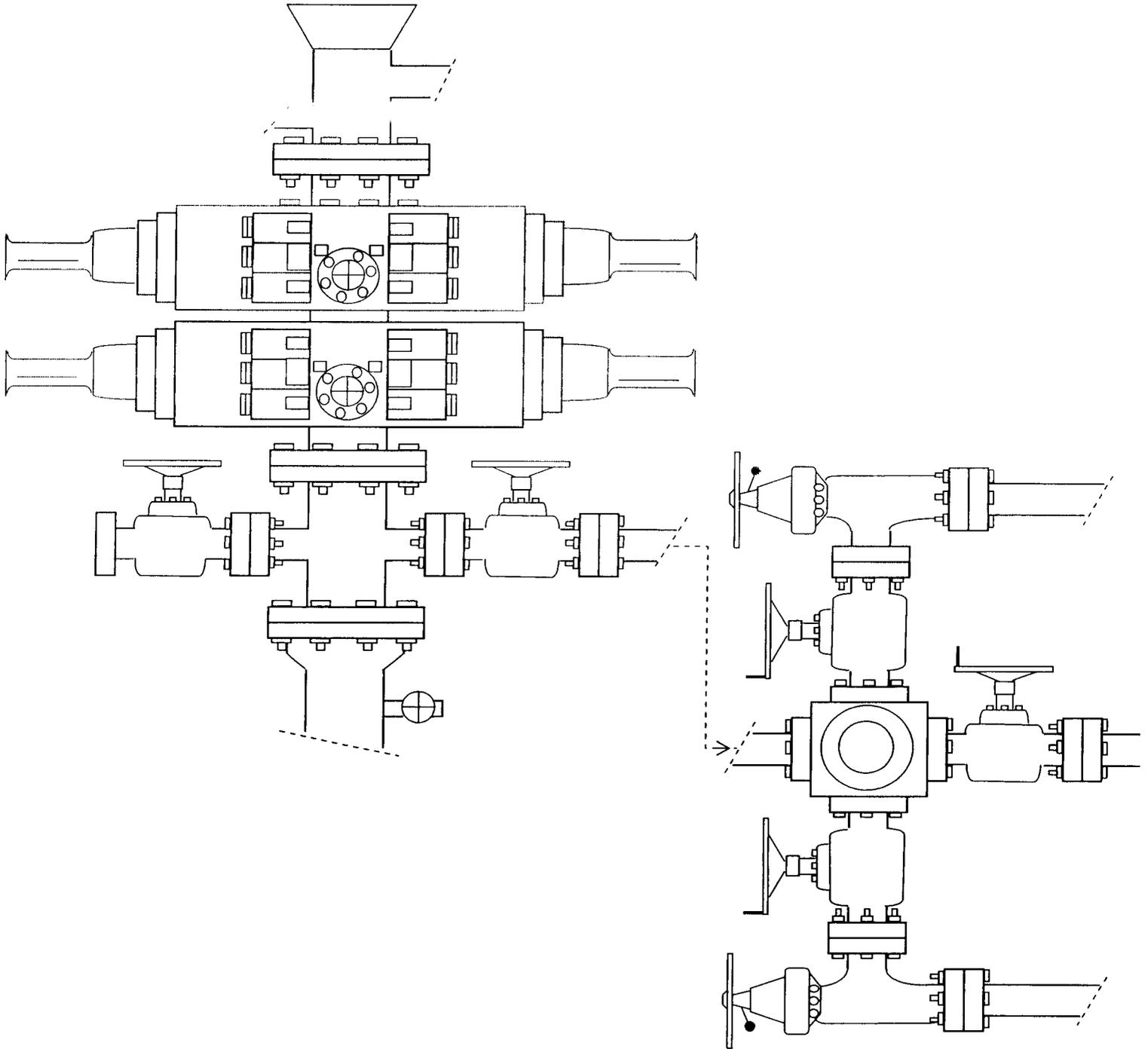


EXHIBIT C

Exhibit "D"
Page 1 of 2

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

By:

Shari Maria Silverman

Prepared For:

Bureau fo Land Management
Vernal Field Office

Prepared Under Contract With:

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

Prepared By:

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

MOAC Report No. 05-225

July 13, 2005

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

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

NEWFIELD PRODUCTION COMPANY

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

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

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
November 10, 2005

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 04/26/2006

API NO. ASSIGNED: 43-013-33159

WELL NAME: FEDERAL 10-19-9-16
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWSE 19 090S 160E
 SURFACE: 1890 FSL 2146 FEL
 BOTTOM: 1890 FSL 2146 FEL
 COUNTY: DUCHESNE
 LATITUDE: 40.01443 LONGITUDE: -110.1596
 UTM SURF EASTINGS: 571727 NORTHINGS: 4429487
 FIELD NAME: MONUMENT BUTTE (105)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-74391
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

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

LOCATION AND SITING:

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

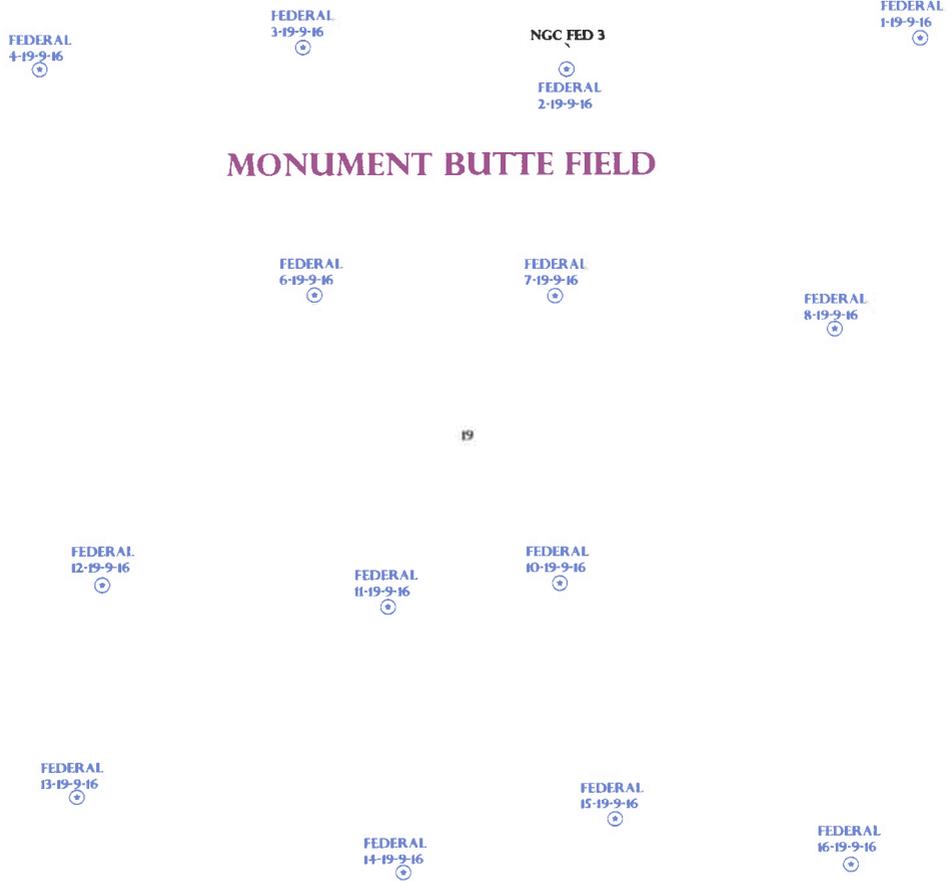
COMMENTS: See Separate file

STIPULATIONS: 1- Federal Approved

2- Spacing Strip

T9S R15E T9S R16E

MONUMENT BUTTE FIELD



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 19 T. 9S R. 16E

FIELD: MONUMENT BUTT (105)

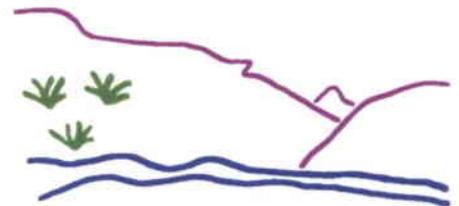
COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

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

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

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



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 27-APRIL-2006



State of Utah

Department of
Natural Resources

MICHAEL R. STYLER
Executive Director

Division of
Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

April 27, 2006

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

Re: Federal 10-19-9-16 Well, 1890' FSL, 2146' FEL, NW SE, Sec. 19, T. 9 South,
R. 16 East, Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33159.

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 10-19-9-16
API Number: 43-013-33159
Lease: UTU-74391

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

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

RECEIVED

APR 26 2006

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No. UTU-74391
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 10-19-9-16
9. API Well No. 43-013-33159
10. Field and Pool, or Exploratory Monument Butte
11. Sec., T., R., M., or Blk. and Survey or Area NW/SE Sec. 19, T9S R16E
12. County or Parish Duchesne
13. State UT

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		
2. Name of Operator Newfield Production Company		
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SE 1890' FSL 2146' FEL At proposed prod. zone		
14. Distance in miles and direction from nearest town or post office* Approximatley 14.9 miles southwest of Myton, Utah		17. Spacing Unit dedicated to this well 40 Acres
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 750' f/lse, NA f/unit	16. No. of Acres in lease 2139.50	20. BLM/BIA Bond No. on file UTB000192
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1437'	19. Proposed Depth 6040'	23. Estimated duration Approximately seven (7) days from spud to rig release.
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6181' GL	22. Approximate date work will start* 3rd Quarter 2006	

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 4/25/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) Terry Nowicka	Date 3-2-2007
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

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

*(Instructions on reverse)

RECEIVED NOTICE OF APPROVAL
MAR 06 2007

DIV. OF OIL, GAS & MINING

UDOGM

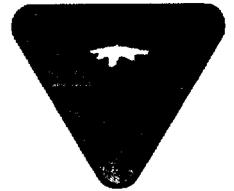
No NOS

07BM4655A



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

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



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company **Location:** NWSE, Sec 19, T9S, R16E
Well No: Federal 10-19-9-16 **Lease No:** UTU-74391
API No: 43-013-33159 **Agreement:** N/A

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Petroleum Engineer:	Jim Ashley	Office: 435-781-4470	Cell: 435-828-7874
Petroleum Engineer:	Ryan Angus	Office: 435-781-4430	
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Chuck Macdonald	Office: 435-781-4441	
Natural Resource Specialist:	Darren Williams	Office: 435-781-4447	
Natural Resource Specialist:	Verlyn Pindell	Office: 435-781-3402	
After Hours Contact Number:	435-781-4513	Fax: 435-781-4410	

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

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

NOTIFICATION REQUIREMENTS

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

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

LEASE STIPULATIONS AND NOTICES

• **Wildlife:**

- 1) No surface occupancy is allowed (does not apply to casual use) within ½ mile of golden eagle nests which have been active within the past two years. This restriction will not apply to maintenance and operation of existing programs and facilities. It will not apply if impacts can be mitigated through other management actions or site specific analysis of terrain features. Protection of golden eagle nest sites as described in the Diamond Mountain Resource Management Plan and EIS. Waivers, Exceptions, or Modifications to this limitation may be specifically approved in writing by the authorized officer of the Bureau of Land Management if either the resource values change or the lessee/operator demonstrates that adverse impacts can be mitigated. Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820.)
- 2) There are three Golden Eagle nests next to each other and are located 0.47 miles east of the proposed location, but are not in line-of-site. There are also two Golden Eagle nests next to each other and are located 0.49 miles north of the proposed location, but are not in line-of-site. **With this occurrence there will be a time restriction to protect Golden Eagle nesting from February 1 – July 15.**
- 3) **No surface use is allowed within crucial deer and elk winter range during December 1 – April 30.** This stipulation does not apply to operation and maintenance of production facilities or if animals are not present. Preventing adverse impacts that would cause significant impacts that would cause significant displacements of deer or elk herds or loss of habitat as described by the Diamond Mountain Resource Management Plan and EIS. Waivers, Exceptions, or Modifications to this limitation may be specifically approved in writing by the authorized officer of the Bureau of Land Management if either the resource values change or the lessee/operator demonstrates that adverse impacts can be mitigated. Any changes to this stipulation will be made in accordance with the land use plan and/or regulatory provisions for such changes.

Lease Notices from Resource Management Plan-Wildlife:

The lessee/operator is given notice the area has been identified as containing Golden Eagle and Ferruginous Hawk habitat. Modifications may be required in the Surface Use Plan to protect the Golden Eagle and Ferruginous Hawk and/or its habitat from surface disturbance activities in accordance with Section 6 of the lease terms, Endangered Species Act, and CFR 3101.1-2.

Comments- Wildlife:

- 1) **No Surface Occupancy (NSO) does not apply to the Golden Eagle stipulation because the nest is not in line-of-site within 0.5 miles from the proposed location or the proposed access road.**
- 2) The proposed location is within crucial deer and elk habitat.

- 3) If it is anticipated that construction or drilling will occur during the given timing restrictions for any wildlife, a BLM or qualified biologist shall be notified so surveys can be conducted. Depending upon the results of the surveys, permission to proceed may or may not be recommended or granted (depending on the species being surveyed and the condition of the habitat).

Notice to Lessee- Oil and Gas Lease Qualifications:

This lease is under the provisions of the Mineral Leasing Act (MLA) of 1920, as amended by the Federal Coal Leasing Amendments Act of 1976, affect an entity's qualifications to obtain an oil and gas lease.

CONDITIONS OF APPROVAL

- This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed August 24, 2005. If the well has not been spudded by August 24, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.

- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- Trees and woody debris must be removed from the site and piled separately off site and saved for final reclamation. During final reclamation the trees and woody debris will be drug back over the recontoured and seeded areas, and spread evenly across the site. Trees and woody debris will not account for more than 20% of the total surface area of the site.
- The interim seed mix for this location shall be:

Crested wheatgrass (<i>Agropyron cristatum</i>):	4 lbs/acre
Needle and Threadgrass (<i>Hesperostipa comata</i>):	4 lbs/acre
Indian Ricegrass (<i>Achnatherum hymenoides</i>):	4 lbs/acre

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

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

DOWNHOLE CONDITIONS OF APPROVAL

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

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. Production casing cement shall be brought up and into the surface.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

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

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

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

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

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

Cement baskets shall not be run on surface casing.

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

7. The lessee/operator must report encounters of all non oil and gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to the Vernal Field Office in writing within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
8. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
9. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

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

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

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

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

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

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

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

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

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

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

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.	UTU-74391
6. If Indian, Allottee or Tribe Name	NA
7. If Unit or CA, Agreement Designation	NA
8. Well Name and No.	FEDERAL 10-19-9-16
9. API Well No.	43-013-33159
10. Field and Pool, or Exploratory Area	MONUMENT BUTTE
11. County or Parish, State	DUCHESNE COUNTY, UT.

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
1890 FSL 2146 FEL NW/SE Section 19, T9S R16E

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

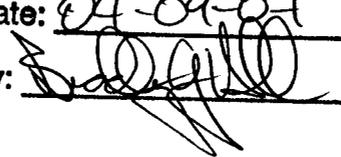
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent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

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 4/27/06 (expiration 4/27/07).

This APD was approved by the BLM on 3/2/07.

Approved by the
Utah Division of
Oil, Gas and Mining

4-10-07
RM

Date: 04-09-07
By: 

RECEIVED
APR 09 2007
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
 Signed Mandie Crozier Title Regulatory Specialist Date 4/4/2007
 Mandie Crozier

CC: UTAH DOGM
 (This space for Federal or State office use)
 Approved by _____ Title _____ Date _____
 Conditions of approval, if any:
 CC: Utah DOGM



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

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

API: 43-013-33159
Well Name: Federal 10-19-9-16
Location: NW/SE Section 19,T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 4/27/2006

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

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

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

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

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

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

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

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

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

Mandi Cozys
Signature

4/4/2007
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED
APR 09 2007
DIV. OF OIL, GAS & MINING

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 10-19-9-16

Api No: 43-013-33159 Lease Type: FEDERAL

Section 19 Township 09S Range 16E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 24

SPUDDED:

Date 09/27/07

Time 10:30 AM

How DRY

Drilling will Commence: _____

Reported by JIM

Telephone # (435) 823-2072

Date 09/27/07 Signed CHD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Serial No.
USA UTU-74391

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
FEDERAL 10-19-9-16

9. API Well No.
4301333159

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

SEE INSTRUCTIONS ON REVERSE SIDE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1890 FSL 2146 FEL
NWSE Section 19 T9S R16E

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

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

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

On 9/27/07 MIRU Ross # 24. Spud well @ 10:30 am. Drill 310' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 321.69'KB. On 9/28/07 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 2 bbls cement to pit. WOC.

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

Signature 

Title
Drilling Foreman

Date
09/28/2007

FOR FEDERAL OR STATE OFFICIAL USE ONLY

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

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 321.69

LAST CASING 8 5/8" set @ 321.69
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 310' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
 WELL Federal 10-19-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Ross rig # 24

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 41.88'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	312.36
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			311.69
TOTAL LENGTH OF STRING		311.69	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			321.69
TOTAL		309.84	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		309.84	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.		Spud	9/27/2007	10:30 AM	GOOD CIRC THRU JOB <u>Yes</u>		
CSG. IN HOLE			9/27/2007	5:00 PM	Bbls CMT CIRC TO SURFACE <u>2</u>		
BEGIN CIRC			9/28/2007	2:07 PM	RECIPROCATED PIPE FOR <u>N/A</u>		
BEGIN PUMP CMT			9/28/2007	2:19 PM			
BEGIN DSPL. CMT			9/28/2007	2:35 PM	BUMPED PLUG TO <u>610</u> PSI		
PLUG DOWN			9/28/2007	2:42 PM			
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 Jim Smith

DATE 9/28/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Serial No.
USA UTU-74391

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
FEDERAL 10-19-9-16

9. API Well No.
4301333159

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1890 FSL 2146 FEL
NWSE Section 19 T9S R16E

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

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

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

On 11/10/07 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 @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5,900. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 152 jt's of 5.5 J-55, 15.5# csgn. Set @ 5873.09' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.49 yld. Then 400 sks cement mixed @ 14.4 ppg & 1.24 yld. With 42 bbls cement returned to pit. Nipple down Bop's. Drop slips @100,000 #'s tension. Release rig 6:00 AM 11/12/07.

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

Title
Drilling Foreman

Date
11/17/2007

Approved by _____ Title _____ Date _____

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

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

(Instructions on reverse)

RECEIVED

NOV 20 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5873.09

LAST CASING 8 5/8" SET AT 321.69'
 DATUM 12' KB
 DATUM TO CUT OFF CASING 12'
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 5900' Loggers 5897'
 HOLE SIZE 7 7/8"

Flt clr @ 5879
 OPERATOR Newfield Production Company
 WELL Federal 10-19-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI # 1

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					
		Short jt 3727' (5.90')					
151	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5879.74
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	13.8
		GUIDE shoe			8rd	A	0.65

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	5894.79
TOTAL LENGTH OF STRING	5894.79	152	LESS CUT OFF PIECE	33.7
LESS NON CSG. ITEMS	1.25		PLUS DATUM TO T/CUT OFF CSG	12
PLUS FULL JTS. LEFT OUT	195.19	5	CASING SET DEPTH	5873.09
TOTAL	6088.73	157		

TOTAL CSG. DEL. (W/O THRDS)	6088.73	157	} COMPARE
TIMING	1ST STAGE	2nd STAGE	
BEGIN RUN CSG.	11/14/2007	8:30 PM	GOOD CIRC THRU JOB <u>YES</u>
CSG. IN HOLE	11/14/2007	11:00 PM	Bbls CMT CIRC TO SURFACE <u>42</u>
BEGIN CIRC	11/14/2007	11:00 PM	RECIPROCATED PIPE FOR <u>THRUSTROKE NA</u>
BEGIN PUMP CMT	11/15/2007	3:26 AM	DID BACK PRES. VALVE HOLD ? <u>YES</u>
BEGIN DSPL. CMT	11/15/2007	4:20 AM	BUMPED PLUG TO <u>1705</u> PSI
PLUG DOWN	11/15/2007	4:48 PM	

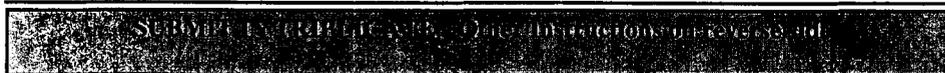
CEMENT USED		B. J.
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	300	Prem-lite II w/ 10% gel + 3% KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake mixed @ 11.0 ppg W / 3.49 cf/sk yield
2	400	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.		

COMPANY REPRESENTATIVE Alvin Nielsen DATE 11/15/2007

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.



5. Lease Serial No.
UTU-74391

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
FEDERAL 10-19-9-16

9. API Well No.
4301333159

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1890 FSL 2146 FEL
NWSE Section 19 T9S R16E

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

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

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

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

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

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

I hereby certify that the foregoing is true and correct (Printed/ Typed) Mandie Crozier	Title Regulatory Specialist
Signature <i>Mandie Crozier</i>	Date 01/10/2008

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 or to any individual within its jurisdiction

(Instructions on reverse)

JAN 11 2008

DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU-74391

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: 1890 FSL 2146 FEL COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSE, 19, T9S, R16E STATE: UT

8. WELL NAME and NUMBER:
FEDERAL 10-19-9-16

9. API NUMBER:
4301333159

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>12/20/2007</u>	<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 mentioned well went on production 12/20/07. See attached daily activity report.

RECEIVED
JAN 18 2008
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Tammi Lee TITLE Production Clerk

SIGNATURE *Tammi Lee* DATE 01/17/2008

Daily Activity Report

Format For Sundry

FEDERAL 10-19-9-16

10/1/2007 To 2/29/2008

12/6/2007 Day: 1**Completion**

Rigless on 12/5/2007 - 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 @ 5844' & cement top @ 127'. Perforate stage #1. BS sds @ 5828-38' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 40 shots. 139 BWTR. SIFN.

12/13/2007 Day: 2**Completion**

Rigless on 12/12/2007 -

12/14/2007 Day: 3**Completion**

Rigless on 12/13/2007 - MIRU Leed #712.

12/15/2007 Day: 4**Completion**

Leed #712 on 12/14/2007 - Thaw wellhead. ND Cameron BOP & 5m frac head. NU 3m production head & Schafer BOP. RIH w/ 4 3/4" chomp bit, bit sub & 120 jts new 2 7/8" tbg. from pipe rack (tallying & drifting). RU pump & lines. Circulate well clean. SWIFN w/ EOT @ 3910'.

12/18/2007 Day: 5**Completion**

Leed #712 on 12/17/2007 - Thaw well. Cont. RIH w/ tbg. Tag CBP @ 4700'. RU powerswivel. DU CBP in 50 min. Cont. RIH w/ tbg. Tag CBP @ 5520'. DU CBP in 95 min. Cont. RIH w/ tbg. Tag @ 5620'. C/O to CBP @ 5670'. DU CBP in 45 min. Cont. RIH w/ tbg. Tag @ 5848'. C/O to PBSD @ 5872'. Circulate well clean. Pull up to 5810'. RIH w/ swab. SFL @ surface. Made 1 run. Recovered 10 bbls. EFL @ 100'. SWIFN.

12/19/2007 Day: 6**Completion**

Leed #712 on 12/18/2007 - Cont. swabbing. SFL @ surface. Made 14 runs. Recovered 180 bbls. No show of sand. Ending oil cut @ approx. 10%. EFL @ 1800'. RD swab. RIH w/ tbg. Tag PBSD @ 5872'. Circulate well clean. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" bull plug, 3 jts 2 7/8" tbg., 2 7/8" nipple, PBGA, 1 jt 2 7/8" tbg., PSN, 3 jts 2 7/8" tbg., 2 7/8" TAC, 28 jts 2 7/8" tbg. SWIFN.

12/20/2007 Day: 7**Completion**

Leed #712 on 12/19/2007 - Cont. RIH w/ production. ND BOP. Set TAC @ 5521' w/ 15,000# tension. NU wellhead. X-over for rods. Flush tbg. w/ 60 bbls water. RIH w/ CDI 2 1/2" x 1 1/2" x 14' x 16' RHAC pump, 6- 1 1/2" weight bars, 20- 3/4" scraped rods, 97- 3/4" slick rods, 100- 3/4" guided rods, 1- 4' x 3/4" pony sub, 1 1/2" x 26' polished rod. Seat pump. Fill tbg. w/ 10 bbls water. Stroke test to 800 psi. RU pumping unit. Hang off rods. Adjust tag. RD. Could not put well on due to surface equipment problems. SWIFN.

Pertinent Files: Go to File List

(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*

5. LEASE DESIGNATION AND SERIAL NO.

UTU-74391

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

NINE MIL

8. FARM OR LEASE NAME, WELL NO.

FEDERAL 10-19-9-16

9. WELL NO.

4301333159

10. FIELD AND POOL OR WILDCAT

MONUMENT BUTTE

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

SEC.19, T9S, R16E

1a. TYPE OF WORK

OIL WELL GAS WELL DRY Other _____

1b. TYPE OF WELL

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

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 1890 FSL& 2146 FEL NW/SE SEC.19, T9S,R16E

At top prod. Interval reported below

At total depth

14. API NO. 43-013-33159 DATE ISSUED 7/17/07

12. COUNTY OR PARISH DUCHESNE 13. STATE UT

15. DATE SPUDDED 9/27/07 16. DATE T.D. REACHED 11/14/07 17. DATE COMPL. (Ready to prod.) 1/9/08 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6181' GL 6193' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5900 21. PLUG BACK T.D., MD & TVD 5872' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY -----> 24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* GREEN RIVER 4546'-5838' 25. WAS DIRECTIONAL SURVEY MADE NO 26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log 27. WAS WELL CORED No

23. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	321.69	12 1/4	To surface w 160sx of class "G" cement	
5-1/2" J-55	15.5#	5883.99'	7 7/8	300sx of Primplite II & 400sx 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 @ 5756.80'	TA @ 5518.50

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

BS sds 5828'-5838'	.49"	4/40	5828'-5838'	rac BS sds w/ 37,662#s of 20/40 in 535 bbls of flu
CP3 sds 5558'-5570'	.49"	4/48	5558'-5570'	rac CP3 sds w/39,505#s of 20/40 in 465 bbls of flu
CP1 sds 5446'-5456'	.49"	4/40	5446'-5456'	rac CP1 sds w/50,243#s of 20/40 in 456 bbls of flu
D2 sds 4599'-4605', D1 sds 4546'-4561'	.49"	4/84	4546'-4605'	c D2&D1 sds w/73,020#s of 20/40 in 652 bbls of f

33.* PRODUCTION							
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)				WELL STATUS (Producing or shut-in)		
1/9/08	Free flowing				PRODUCING		
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 day ave			----->	658	148	611	472
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
		----->		RECEIVED			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for Fuel JAN 24 2008 TEST WITNESSED BY

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: Tammi Lee TITLE: Production Technician DATE: 1/22/2008

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
			<p>Well Name Federal 10-19-9-16</p>	Garden Gulch Mkr	3570'	
				Garden Gulch 1	3770'	
				Garden Gulch 2	3866'	
				Point 3 Mkr	4119'	
				X Mkr	4382'	
				Y-Mkr	4413'	
				Douglas Creek Mkr	4522'	
				BiCarbonate Mkr	0	
				B Limestone Mkr	4866'	
				Castle Peak	5416'	
			Basal Carbonate	5864'		
			Wasatch	0		
			Total Depth (Loggers)	5897'		

NEWFIELD



Well Name: Federal 10-19-9-16

Spud Date: 9-27-07

LOCATION: S19, T9S, R16E

TD: 5900'

COUNTY/STATE: Duchesne

CSG: 11-14-07

API: 43-013-33159

POP: 1-8-08

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	SPM	Comments
1/8/2008				2112				WAITING ON FINAL REPORT
1/9/2008	20	0	100	2012	0	70	5	
1/10/2008	16	0	32	1980	0	30	5	Down - no fuel gas
1/11/2008	24	0	77	1903	0	70	5	
1/12/2008	24	13	82	1821	7	70	5	
1/13/2008	24	55	70	1751	7	75	5	
1/14/2008	24	72	33	1718	0	80	5	
1/15/2008	24	78	79	1639	14	80	5	
1/16/2008	24	106	28	1611	6	125	5 1/4	
1/17/2008	24	75	18	1593	0	25	5 1/4	
1/18/2008	24	78	11	1582	20	60	5 1/2	
1/19/2008	24	56	40	1542	6	70	5 1/4	
1/20/2008	24	85	2	1540	34	80	5 1/4	
1/21/2008	24	40	39	1501	54	40	5 1/4	
1/22/2008				1501				
1/23/2008				1501				
1/24/2008				1501				
1/25/2008				1501				
1/26/2008				1501				
1/27/2008				1501				
1/28/2008				1501				
1/29/2008				1501				
1/30/2008				1501				
1/31/2008				1501				
2/1/2008				1501				
2/2/2008				1501				
2/3/2008				1501				
2/4/2008				1501				
2/5/2008				1501				
2/6/2008				1501				
2/7/2008				1501				
2/8/2008				1501				
		658	611		148			

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74391
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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 10-19-9-16
------------------------------------	---

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013331590000
--	---

3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202	PHONE NUMBER: 303 382-4443 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
--	--	--

4. LOCATION OF WELL FOOTAGES AT SURFACE: 1890 FSL 2146 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 19 Township: 09.0S Range: 16.0E Meridian: S	COUNTY: DUCHESNE STATE: UTAH
---	---

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/10/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <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 checked="" 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 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.

Newfield Production Company requests the approval to perforate the A1 and B1/2 zones. Please see the attached file for the detailed procedure and well bore diagram. Please contact Paul Weddle at 303-383-4417 with any questions.

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

Date: October 06, 2010

By: *Paul Weddle*

NAME (PLEASE PRINT) Sam Styles	PHONE NUMBER 303 893-0102	TITLE Engineering Tech
SIGNATURE N/A		DATE 10/5/2010

Newfield Production Company

Federal 10-19-9-16

Procedure for: OAP A1 and B1/2 Tubing fracs.

Well Status: See attached Wellbore Diagram

AFE #

Engineer: Paul Weddle pweddle@newfield.com
mobile 720-233-1280
office 303-383-4117

PROCEDURE

- 1 Blow down tbg. MIRU SU. Seat pump and pressure test tubing to 3,000 psi. POH, LD, and visually inspect rods and pump. ND wellhead. Strip-on and NU BOP. GIH and tag fill. Clean out to PBTB as necessary. TOOH visually inspecting 2-7/8" production tbg. Report any scale on production string (interval, depth, type) on morning report and verbally to Engineer
- 2 RU wireline unit. Make 4-3/4" gauge ring run to +/- **5,872**
Only Run B&S if required. RIH and perforate the following interval w/ 3SPF 120deg phasing:

A1	4932-4946	3spf	120deg phasing
B1/2	4767-4773	3spf	120deg phasing
B1/2	4757-4759	3spf	120deg phasing
- 3 PU tandem RBP/PKR and TIH on 2-7/8" N80 8RD EUE workstring. Breakdown all new perforations with 5-10 bbls fresh water while TIH (skip to next step if only 1 treatment zone)
Set RBP @ +/- **5,000** and test to 4,000psi. PUH with packer to +/- **4,885**
- 4 RU frac equip. Frac the **A1** down tubing w/**45,000**# 20/40sand at 15 BPM with max sand concentration of 6ppg per BJ recommendation.
- 5 Flowback well immediately @ 3-4 BPM until dead.
- 6 Release Packer and RBP. RUH and:
Set RBP @ +/- **4,820** and test to 4,000psi. PUH with packer to +/- **4,700**
- 7 RU frac equip. Frac the **B1/2** down tubing w/**50,000**# 20/40sand at 15 BPM with max sand concentration of 6ppg per BJ recommendation.
- 8 Flowback well immediately @ 3-4 BPM until dead.
- 9 Release Packer and RBP. POOH laying down workstring, packer, and RBP.
- 9 Run tubing as pulled. RU swab equipment and swab well until returns are clean of sand. GIH tag fill and clean out as necessary.
- 10 Place SN @ ± 5619 and set TAC at ±5518' with 15,000 lbs overpull. ND BOP's. NU wellhead.
- 11 PU and RIH with a 2-1/2" x 1-3/4" x 22' RHAC pump, 6 x 1-1/2" weight rods, 10 x 3/4" guided rods, 107 x 3/4" slick rods, 100 x 7/8" guided rods, Space out with pony rods as necessary.
- 12 PWOP and track results for one month.

Spud Date: 9/27/2007
 Put on Production: 1/9/2008
 GL:6181' KB:6193'

Federal 10-19-9-16

Initial Production: BOPD, MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (309.84')
 DEPTH LANDED: 321'
 HOLE SIZE: 12 1/4"
 CEMENT DATA: To Surface w/160 sx of class 'G' cement

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH:
 HOLE SIZE:
 TOTAL DEPTH: 5884'
 CEMENT DATA: 300 sx of Primlite II & 400sx of 50/50 poz
 CEMENT TOP AT: 127'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 169 jts (5506.50')
 TUBING ANCHOR: 5518.50' KB
 NO. OF JOINTS: 3 jts (97.81')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5619.21' KB
 NO. OF JOINTS: 3 jts (97.63')
 TOTAL STRING LENGTH: EOT @ 5756.80' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 1-4' X 3/4" PONY SUBS, 100-3/4" guided rods, 97-3/4" slick rods, 20-3/4" guided rods, 6-1 1/2" weight rods
 PUMP SIZE: 2-1/2" x 1-1/2" x 14' X 16' RHAC pump
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 4.5

FRAC JOB

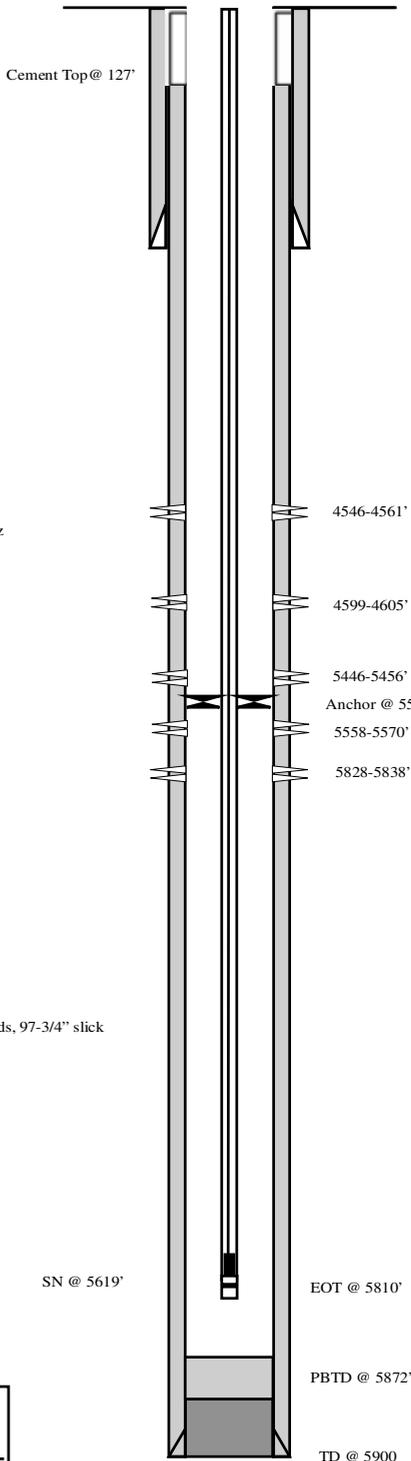
12/14/07
 5828'-5838' **Frac BS sds w/ 37,662#s of 20/40 sand in 535 bbls of Lightning 17 fluid. Broke @ 3685 psi. Treated w/ ave pressure of 2385 psi w/ ave rate of 23.5 BPM. ISIP 2409 psi. Calc Flush: ? Actual flush: 5321 gals.**

12/14/07
 5558'-5570' **Frac CP3 sds w/ 39,505#s of 20/40 sand in 465 bbls of Lightning 17 fluid. Broke @ 1750 psi. Treated w/ ave pressure of 2332 psi w/ ave rate of 20.6 BPM. ISIP 2282 psi. Calc flush: Actual Flush: 5048 gals.**

12/14/07
 5446'-5456' **Frac CP1 sds w/ 50,243#s of 20/40 sand in 456 bbls of Lightning 17 fluid. Broke @ 1969 psi. Treated w/ ave pressure of 2121 psi w/ ave rate of 20.6 BPM. ISIP 2179 psi. Calc Flush: ? Actual Flush: 4855 gals.**

12/14/07
 4546'-4561' **Frac D1 & D2 sds w/ 73,020#s of 20/40 sand in 652 bbls of Lightning 17 fluid. Broke @ 1605 psi. Treated w/ ave pressure of 1792 psi w/ ave rate of 20.7 BPM. ISIP 2037 psi. Calc flush: ? Actual Flush: 4460 gals.**

10-1-08 Pump Change updated rod & tubing details.



PERFORATION RECORD

12/06/07	5828-5838'	4 JSPF	40 holes
12/14/07	5558-5570'	4 JSPF	48 holes
12/14/07	5446-5456'	4 JSPF	40 holes
12/14/07	4599-4605'	4 JSPF	24 holes
12/14/07	4546-4561'	4 JSPF	60 holes



Federal 10-19-9-16
 1890' FSL & 2146' FEL
 NW/SE Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33159; Lease #UTU-74391

DF 11/19/08



October 12, 2010

Mr. Brad Hill
State of Utah, DOGM
1594 West North Temple-Suite 1310
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Re-Completion
Federal 10-19-9-16
Sec. 19, T9S, R16E
API # 43-013-33159

Dear Mr. Hill:

The subject well had new perforations added. The well was then put back on production. Please find enclosed the sundry. If you have any questions please call me at 435-646-4876.

Sincerely,

Monica Bradley
Office Service Assistant

RECEIVED

OCT 14 2010

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-74391

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:
 GMBU

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
 FEDERAL 10-19-9-16

2. NAME OF OPERATOR:
 NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
 4301333159

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

PHONE NUMBER
 435.646.3721

10. FIELD AND POOL, OR WILDCAT:
 GREATER MB UNIT

4. LOCATION OF WELL:
 FOOTAGES AT SURFACE: 1890 FSL 2146 FEL

COUNTY: DUCHESNE

5. OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSE, 19, T9S, R16E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 10/01/2010	<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 type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" 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 recompleted and then placed back on production. The following perforations were added in the Green River Formation:

A1 4932-4946' 3 JSPF 42 holes
 B.5 4756-4773' 3 JSPF 24 holes

NAME (PLEASE PRINT) Monica Bradley

TITLE Office Services Assistant

SIGNATURE *Monica Bradley*

DATE 10/12/2010

(This space for State use only)

RECEIVED

OCT 14 2010

DIV. OF OIL, GAS & MINING

Daily Activity Report**Format For Sundry****FEDERAL 10-19-9-16****8/1/2010 To 12/30/2010****9/28/2010 Day: 1****Recompletion**

WWS #1 on 9/28/2010 - MIRUSU. TOO H w/ production. Perferate new sds. - MIRUSU. RU hot oiler & pump 40 bbls hot water down casing. Unseat pump. Flush rods w/ 30 bbls water. Soft seat pump. Test tbg to 3000 psi w/ 17 bbls fluid. Fish rods. TOO H w/ rods. RU BOP's. TA not set. Flush tbg w/ 40 bbls water. TIH w/ 4 jts tbg to tag 5' of new fill w/ PBTD @ 5872'. Tally tbg out of hole. Btm 3 jts below GA were plugged w/ sand (couldn't get out so layed down. RU Perforators LLC WLT w/ pack-off tool. RIH w/ 3-1/8" Port Guns (11 gram, .36"EH, 120°, 16.82"pen) w/ gauge ring & perferate A1 sds & B.5 sds w/ 3 spf for total of 66 shots. RD WLT. RU Weatherford "TS" RBP, Retrieving head, 2-3/8" x 4' pup joint, "HD" pkr, SN. Tally, drift & pickup. TIH w/ N-80, 2-7/8" frac string. EOT @ 2093'. SIFN.

Daily Cost: \$0**Cumulative Cost: \$21,337****9/30/2010 Day: 3****Recompletion**

WWS #1 on 9/30/2010 - Frac well w/ 2 stages. LD N-80 tbg. - Stage #1; RU BJ Services. Set pkr @ 4881' w/ RBP @ 5010'. Fill casing w/ 40 bbls water. Perf broke down @ 1541 psi back to 1442 w/ 2 bbls @ 6 bpm. Frac w/ 44,516#'s of 20/40 sand in 429 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 4276 @ ave rate of 18 bpm w/ 6 ppg of sand. ISIP was 1976 w/ .83FG. Flow well back. Well flowed for 1.5 hours. Rec'd 240 bbls w/ 200#'s sand. Pressure casing to 100 psi. Release pkr. Circulate tbg clean. TIH w/ tbg to tag 10' of sand. Release RBP. - Open well w/ 200 psi on casing. Continue TIH w/ tbg. RU pump & roll hole w/ 80 bbls water. Set tools on B.5 sds. Break down @ 3200 psi back to 1700 psi. ISIP was 1000 psi. Release tools. Set tools on A1 sds. Broke down @ 3500 psi back to 800 psi. ISIP was 400 psi. Well ready for frac crew. SIFN. - Stage #2; Set RBP @ 4818'. Set pkr @ 4721'. Fill casing w/ 10 bbls fluid. RU BJ & perfs broke down @ psi 3338 back to 2338 psi w/ 2 bbls @ 3 bpm. Frac w/ 50,785#'s of sand in 468 bbls of fluid @ 18 bpm w/ 6 ppg of sand. ISIP was 1809 w/ .81FG. Flow well back. RD BJ. Wait on vac truck. Well flowed 1.5 hours & Rec'd 240 bbls of fluid. Pressure casing to 100 psi. Release pkr. Circulate tbg clean. TIH w/ tbg to tag 20' of new sand. Release RBP. TOO H w/ tbg laying down on trailer. LD tools. SIFN. - Stage #2; Set RBP @ 4818'. Set pkr @ 4721'. Fill casing w/ 10 bbls fluid. RU BJ & perfs broke down @ psi 3338 back to 2338 psi w/ 2 bbls @ 3 bpm. Frac w/ 50,785#'s of sand in 468 bbls of fluid @ 18 bpm w/ 6 ppg of sand. ISIP was 1809 w/ .81FG. Flow well back. RD BJ. Wait on vac truck. Well flowed 1.5 hours & Rec'd 240 bbls of fluid. Pressure casing to 100 psi. Release pkr. Circulate tbg clean. TIH w/ tbg to tag 20' of new sand. Release RBP. TOO H w/ tbg laying down on trailer. LD tools. SIFN. - Open well w/ 200 psi on casing. Continue TIH w/ tbg. RU pump & roll hole w/ 80 bbls water. Set tools on B.5 sds. Break down @ 3200 psi back to 1700 psi. ISIP was 1000 psi. Release tools. Set tools on A1 sds. Broke down @ 3500 psi back to 800 psi. ISIP was 400 psi. Well ready for frac crew. SIFN. - Stage #1; RU BJ Services. Set pkr @ 4881' w/ RBP @ 5010'. Fill casing w/ 40 bbls water. Perf broke down @ 1541 psi back to 1442 w/ 2 bbls @ 6 bpm. Frac w/ 44,516#'s of 20/40 sand in 429 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 4276 @ ave rate of 18 bpm w/ 6 ppg of sand. ISIP was 1976 w/ .83FG. Flow well back. Well flowed for 1.5 hours. Rec'd 240 bbls w/ 200#'s sand. Pressure casing to 100 psi. Release pkr. Circulate tbg clean. TIH w/ tbg to tag 10' of sand. Release RBP.

Daily Cost: \$0**Cumulative Cost: \$72,225**

10/1/2010 Day: 4**Recompletion**

WWS #1 on 10/1/2010 - TIH w/ Production. Put well on pump. - Open well w/ 0 psi on casing. TIH w/ BP, 3 jts tbg, nipple, PBGA, 1 jt tbg, SN, 3 new jts tbg, TA new CDI w/ 45,000# shear, 169 jts tbg. RD BOP's. Set TA @ 5518' w 18,000#'s tension w/ SN @ 5619' & EOT @ 5756'. Flush tbg w/ 60 bbls water. Pickup & prime pump. TIH w/ 2-1/2" x 1-3/4" x 18' x 22' new CDI w/ 200"SL RHAC pump, 6- 1-1/2" weight rods, 20- 3/4" guided rods, 97- 3/4" slick rods, 100- 3/4" guided rods, 1-1/2" x 26' polish rod. Space pump. Test tbg & pump to 800 psi. RDMOSU. POP @ 2PM w/ 102"SL @ 5 spm, 200 bbls EWTR. Final Report. **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$86,246

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-74391
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: FEDERAL 10-19-9-16
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013331590000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1890 FSL 2146 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 19 Township: 09.0S Range: 16.0E Meridian: S		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1890 FSL 2146 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 19 Township: 09.0S Range: 16.0E Meridian: S		COUNTY: DUCHESNE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1890 FSL 2146 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 19 Township: 09.0S Range: 16.0E Meridian: S		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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/21/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CASING REPAIR	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<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: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>The subject well has been converted from a producing oil well to an injection well on 10/21/2014. On 10/20/2014 Richard Powell with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/21/2014 the casing was pressured up to 1592 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 450 psig during the test. There was a State representative available to witness the test - Bart Kettle.</p>		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 22, 2014		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/22/2014	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

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

Witness: BART KETTLER DOG W Date 10/21/14 Time 10:15 am pm

Test Conducted by: Dustin Allred

Others Present: _____

Well: <u>Federal 10-19-9-16</u>	Field: <u>Monument Butte</u>
Well Location: <u>NW/SE SEC. 19, T9S R16E</u>	API No: <u>43-013-33159</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1592</u>	psig
5	<u>1592</u>	psig
10	<u>1592</u>	psig
15	<u>1591</u>	psig
20	<u>1592</u>	psig
25	<u>1592</u>	psig
30 min	<u>1592</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

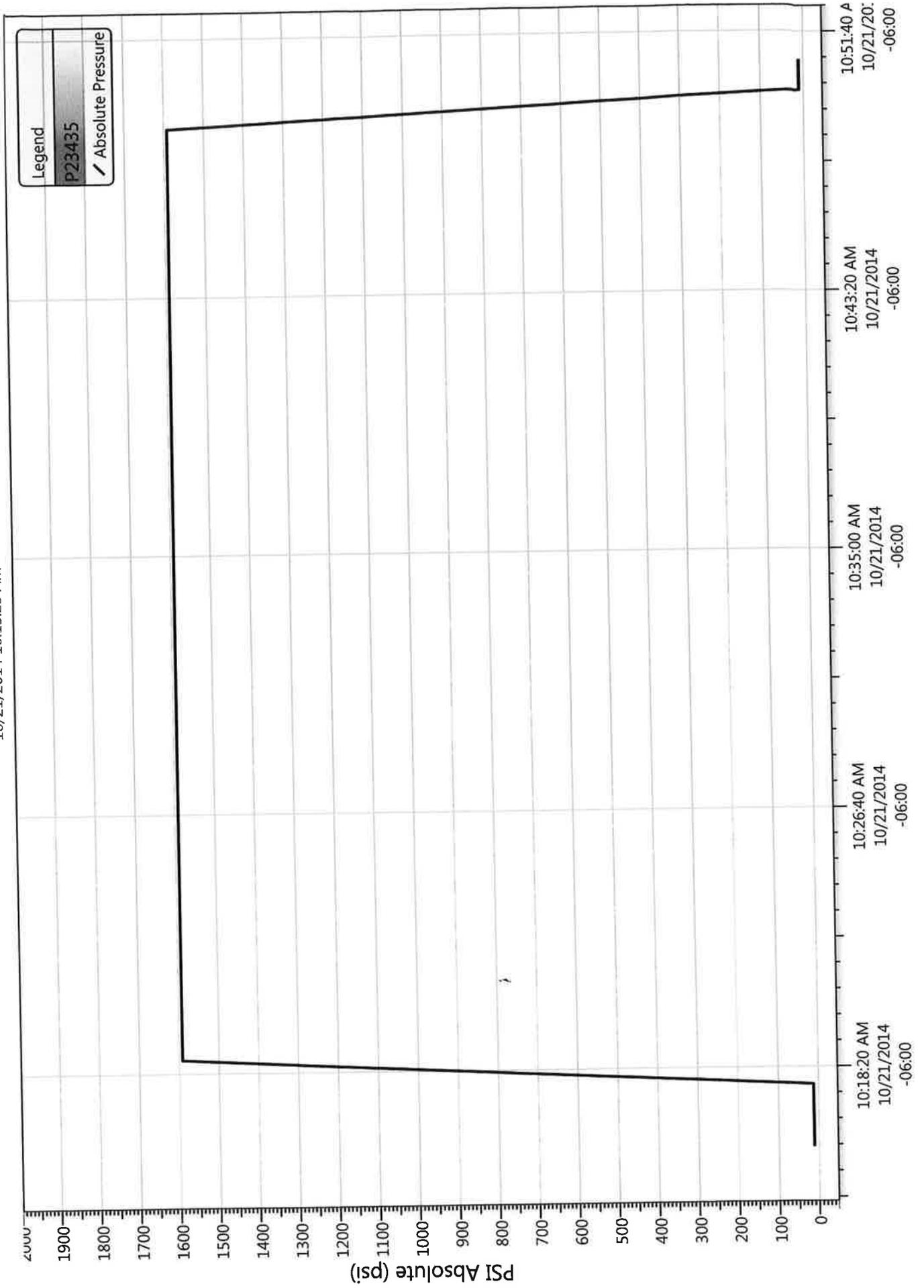
Tubing pressure: 450 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: Dustin Allred

10-19-9-16 State MIT
10/21/2014 10:15:25 AM





Well Name: Federal 10-19-9-16

Job Detail Summary Report

Sundry Number: 56951 API Well Number: 43013331590000

Jobs		Job Start Date	Job End Date
Primary Job Type		10/15/2014	10/21/2014
Conversion			
Daily Operations			
Report Start Date	Report End Date	24hr Activity Summary	
10/15/2014	10/15/2014	Move Rig to Location	
Start Time	End Time	04:00	Comment
			Move Rig To Loc. 4:00PM MIRU NC#4, R/D Pmp Unit, L/D Polish Rod, R/U Fish Cap, SWI, 6:30PM CSDFN
Start Time	End Time	04:30	Comment
			C/Trvl
Report Start Date	Report End Date	24hr Activity Summary	
10/16/2014	10/16/2014	POOH RDS. N/D W/H, L/D W/H-D FLANGE NU BOP TOOH TBG	
Start Time	End Time	06:00	Comment
			C/Trvl
Start Time	End Time	18:30	Comment
			OWU, Flush Rods W/40BW, Soft Seat Rod Pmp, Fill W/26BW, Psr Tst Tbg To 3000psi, Good Tst, Pull Pmp Off Seat, R/U Rod Eqp, POOH W/ Rod Sting As Shown=1 1/2X26" Polish Rod, 1-4'8" 3/4 Ponys, 98-3/4 4 Pers, 91-3/4 Slicks, 27-3/4 4 Pers, 6-1 1/2 Wt Bars W/Stabilizers Btwn, & 1 Rod Pmp, Flush W/30BW Durring Trip To Clean Rods, R/D Rod Eqp, N/D W/H-D, L/D W/H-D Flange, P/U 8" Tbg Sub, N/U BOPs, R/U Rig Fir, R/U Tbg Eqp, Release T/A, TOOH W/40Tbg, Brake & Dope Each Conn W/Lubon 404G Dope, SWI, 6:30PM CSDFN
Start Time	End Time	19:00	Comment
			C/Trvl
Report Start Date	Report End Date	24hr Activity Summary	
10/17/2014	10/17/2014	TOOH TBG. RIH W/ PKR ASSY	
Start Time	End Time	06:00	Comment
			C/Trvl
Start Time	End Time	18:00	Comment
			OWU, Set & Check Crown & Floor Saver, TOOH W/ Tbg String As Shown, 171jts 2 7/8 J-55 Tbg, T/A, 1jt, S/N, 1jt, Gas Anchor, Nipple, 3jts & Bull Pig, Brake & Dope 137jts Tbg, L/D 36jts Tbg, T/A, S/N Gas Anchor, Nipple, & Bull Pig, P/U & RIH W/ 2 3/8 Guid Collar, X/N Nipple, 4" Tbg Sub, X/O, 5 1/2 Weatherford Arrow Set Pkr, On/Off Tool, S/N, & 138jts Tbg, Pmp 10BW Pad, Drop S/Vlve, Fill Tbg W/25BW, Psr Tst Tbg To 3000psi, Watch Psr, Psr Bled Off To 2800 psi @ 2.083psi Per Min, Bump Psr Back Up To 3000psi, SWI, Send Crew To Newfield Office To Fill Out Timesheets, 6:00PM CSDFN
Start Time	End Time	18:30	Comment
			C/Trvl
Report Start Date	Report End Date	24hr Activity Summary	
10/20/2014	10/20/2014	CHECK PSR ON TBG. R/D RIG FLR, N/D BOP, N/U W/H-D	
Start Time	End Time	06:00	Comment
			C/Trvl
Start Time	End Time	18:00	Comment
			Check Psr On Tbg, Psr @ 2650psi, R/U BMW H/Oiler To Tbg, Bump Tbg Up To 3000psi, Psr Bled Off To 2800psi & Held For One Hour, Good Tst, R/U S/Lne W/Fishing Tool, P/U & RIH, Latch Onto S/Vlve, Pull S/Vlve Off Seat, POOH W/ S/Vlve, L/D & R/D S/Lne, P/U 6" Tbg Pup, R/D Tbg Eqp, R/D Rig Fir, N/D BOPs, N/U W/H-D, Pmp 60BW W/Pkr Fluid, Set Pkr in 17K# Tension, L/D W/H-D Flange & 8" Tbg Pup, P/U & N/U Injection Tree, Psr Tst Csg & Pkr To 1600psi, Bled Off To 1560psi & Held, SWI, Wait On MIT Hand, 6:30PM CSD
Start Time	End Time	18:30	Comment
			C/Trvl
Report Start Date	Report End Date	24hr Activity Summary	
10/21/2014	10/21/2014	Conduct MIT	
Start Time	End Time	06:00	Comment
			C/TRVL



Well Name: Federal 10-19-9-16

Job Detail Summary Report

Start Time	End Time	Comment
06:00	11:00	Check Psr On Csg, Csg Psr @ 1560psi, Psr Held 1560psi For One Hour, Wait On MIT Hand, R/U MIT Hand, MIT Well, MIT Good, On 10/20/2014 Richard Powell with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/21/2014 the casing was pressured up to 1592 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 450 psig during the test. There was a State representative available to witness the test - Bart Kettle. R/D & M/O NC#4 @ 11:00AM

NEWFIELD

Schematic

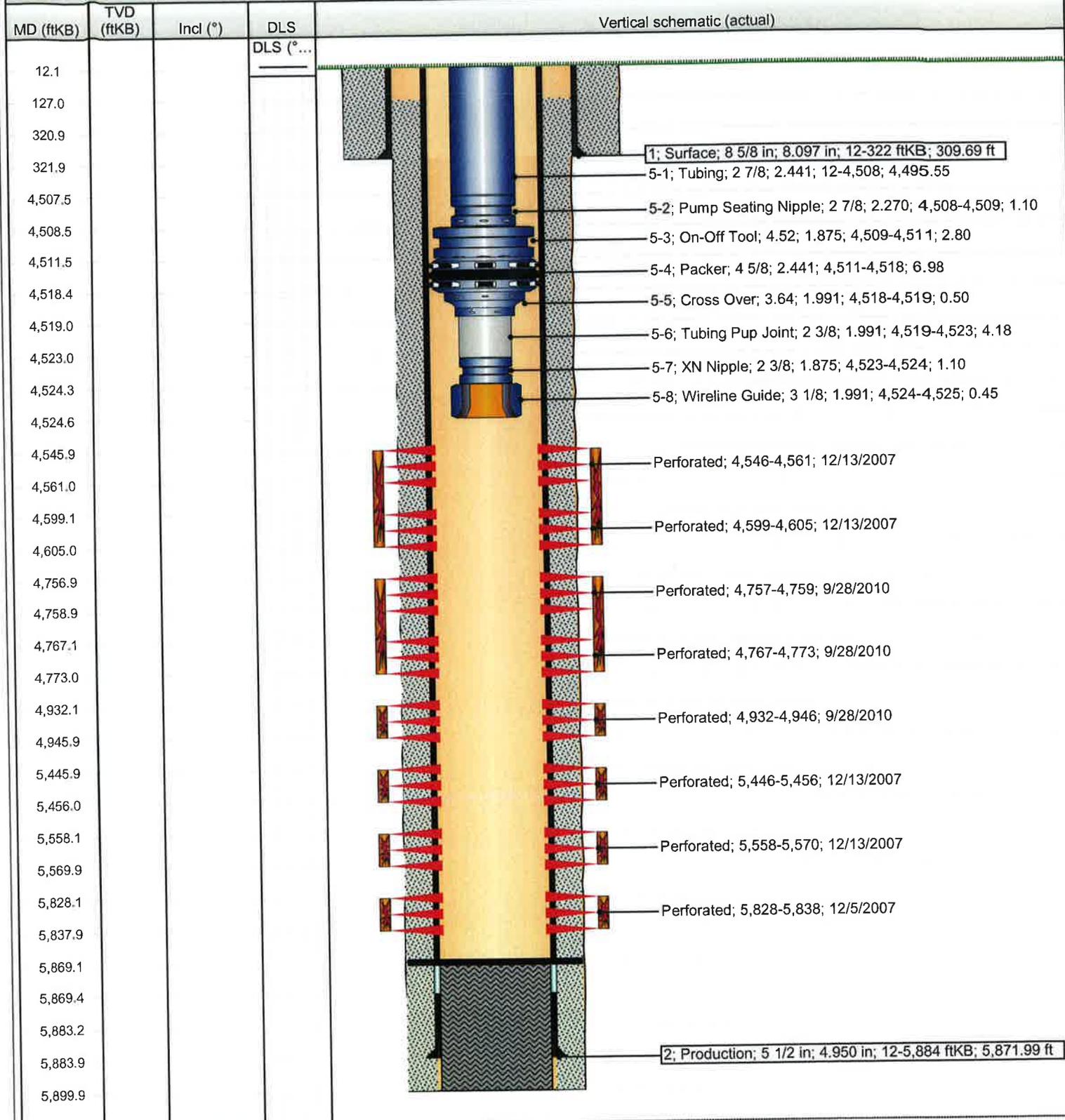
Well Name: Federal 10-19-9-16

Surface Legal Location 19-9S-16E			API/UWI 43013331590000	Well RC 500158540	Lease	State/Province Utah	Field Name GMBU CTB3	County DUCHESNE
Spud Date 9/27/2007	Rig Release Date 11/15/2007	On Production Date 1/9/2008	Original KB Elevation (ft) 6,193	Ground Elevation (ft) 6,181	Total Depth All (TVD) (ftKB)		PBD (All) (ftKB) Original Hole - 5,868.9	

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 10/15/2014	Job End Date 10/21/2014
---------------------------------------	--------------------------------	-----------------------------	------------------------------	----------------------------

TD: 5,900.0 Vertical - Original Hole, 10/22/2014 9:37:39 AM



NEWFIELD**Newfield Wellbore Diagram Data
Federal 10-19-9-16**

Surface Legal Location 19-9S-16E		API/UWI 43013331590000		Lease	
County DUCHESNE		State/Province Utah		Field Name GMBU CTB3	
Well Start Date 9/27/2007		Spud Date 9/27/2007		Final Rig Release Date 11/15/2007	
Original KB Elevation (ft) 6,193		Ground Elevation (ft) 6,181		Total Depth (ftKB) 5,900.0	
				Total Depth All (TVD) (ftKB) Original Hole - 5,868.9	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	9/27/2007	8 5/8	8.097	24.00	J-55	322
Production	11/14/2007	5 1/2	4.950	15.50	J-55	5,884

Cement**String: Surface, 322ftKB 9/28/2007**

Cementing Company BJ Services Company	Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 321.7	Full Return?	Vol Cement Ret (bbl)
Fluid Description w/ 2% CaCL2 + 1/4#/sk Cello-Flake	Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0

String: Production, 5,884ftKB 11/15/2007

Cementing Company BJ Services Company	Top Depth (ftKB) 127.0	Bottom Depth (ftKB) 5,900.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description w/ 10% gel + 3% KCL, 3#/s/sk CSE + 2# sk/kolseal + 1/2#/s/sk Cello Flake	Fluid Type Lead	Amount (sacks) 300	Class PL II	Estimated Top (ftKB) 127.0
Fluid Description W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM	Fluid Type Tail	Amount (sacks) 400	Class 50/50 Poz	Estimated Top (ftKB) 3,000.0

Tubing Strings

Tubing Description	Run Date	Set Depth (ftKB)						
Tubing	10/16/2014	4,524.7						
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	138	2 7/8	2.441	6.50	J-55	4,495.55	12.0	4,507.6
Pump Seating Nipple	1	2 7/8	2.270			1.10	4,507.6	4,508.7
On-Off Tool	1	4.515	1.875			2.80	4,508.7	4,511.5
Packer	1	4 5/8	2.441			6.98	4,511.5	4,518.4
Cross Over	1	3.635	1.991			0.50	4,518.4	4,518.9
Tubing Pup Joint	1	2 3/8	1.991			4.18	4,518.9	4,523.1
XN Nipple	1	2 3/8	1.875			1.10	4,523.1	4,524.2
Wireline Guide	1	3 1/8	1.991			0.45	4,524.2	4,524.7

Rod Strings

Rod Description	Run Date	Set Depth (ftKB)					
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
4	D1 sds, Original Hole	4,546	4,561	4	90	0.369	12/13/2007
4	D2 sds, Original Hole	4,599	4,605	4	90	0.369	12/13/2007
6	B.5, Original Hole	4,757	4,759	3	120	0.360	9/28/2010
6	B.5, Original Hole	4,767	4,773	3	120	0.360	9/28/2010
5	A1, Original Hole	4,932	4,946	3	120	0.360	9/28/2010
3	CP1 sds, Original Hole	5,446	5,456	4	90	0.369	12/13/2007
2	CP3 sds, Original Hole	5,558	5,570	4	90	0.369	12/13/2007
1	BS sds, Original Hole	5,828	5,838	4	120	0.490	12/5/2007

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,409	0.85	23.5	2,795			
2	2,282	0.84	20.9	2,746			
3	2,179	0.83	20.8	2,539			
4	2,037	0.88	20.8	2,141			
5	1,976	0.83	18.0	4,603			
6	1,809	0.81	18.0	4,948			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 37662 lb
2		Proppant White Sand 39505 lb
3		Proppant White Sand 50243 lb

NEWFIELD

**Newfield Wellbore Diagram Data
Federal 10-19-9-16**



Proppant		
Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
4		Proppant White Sand 73020 lb
5		Proppant White Sand 44516 lb
6		Proppant White Sand 50785 lb

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-74391
1. TYPE OF WELL Water Injection Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	8. WELL NAME and NUMBER: FEDERAL 10-19-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1890 FSL 2146 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 19 Township: 09.0S Range: 16.0E Meridian: S	9. API NUMBER: 43013331590000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1890 FSL 2146 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 19 Township: 09.0S Range: 16.0E Meridian: S	COUNTY: DUCHESNE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1890 FSL 2146 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 19 Township: 09.0S Range: 16.0E Meridian: S	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: 1/13/2015	<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 above reference well was put on injection at 11:30 AM on 01/13/2015

Approved by the
January 15, 2015
Oil, Gas and Mining

Date: _____
 By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 1/14/2015	



GARY R. HERBERT
Governor

SPENCER J. COX
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-426

Operator: Newfield Production Company
Well: Federal 10-19-9-16
Location: Section 19, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-33159
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on September 15, 2014.
2. Maximum Allowable Injection Pressure: 2,000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,874' – 5,872')
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

Date

1/8/15

JR/MLR/js

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

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





GARY R. HERBERT
Governor

SPENCER J. COX
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

September 15, 2014

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

Subject: Greater Monument Butte Unit Well: Federal 10-19-9-16, Section 19, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33159

Newfield Production Company:

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 3,874 feet in the Federal 10-19-9-16 well.

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

Sincerely,



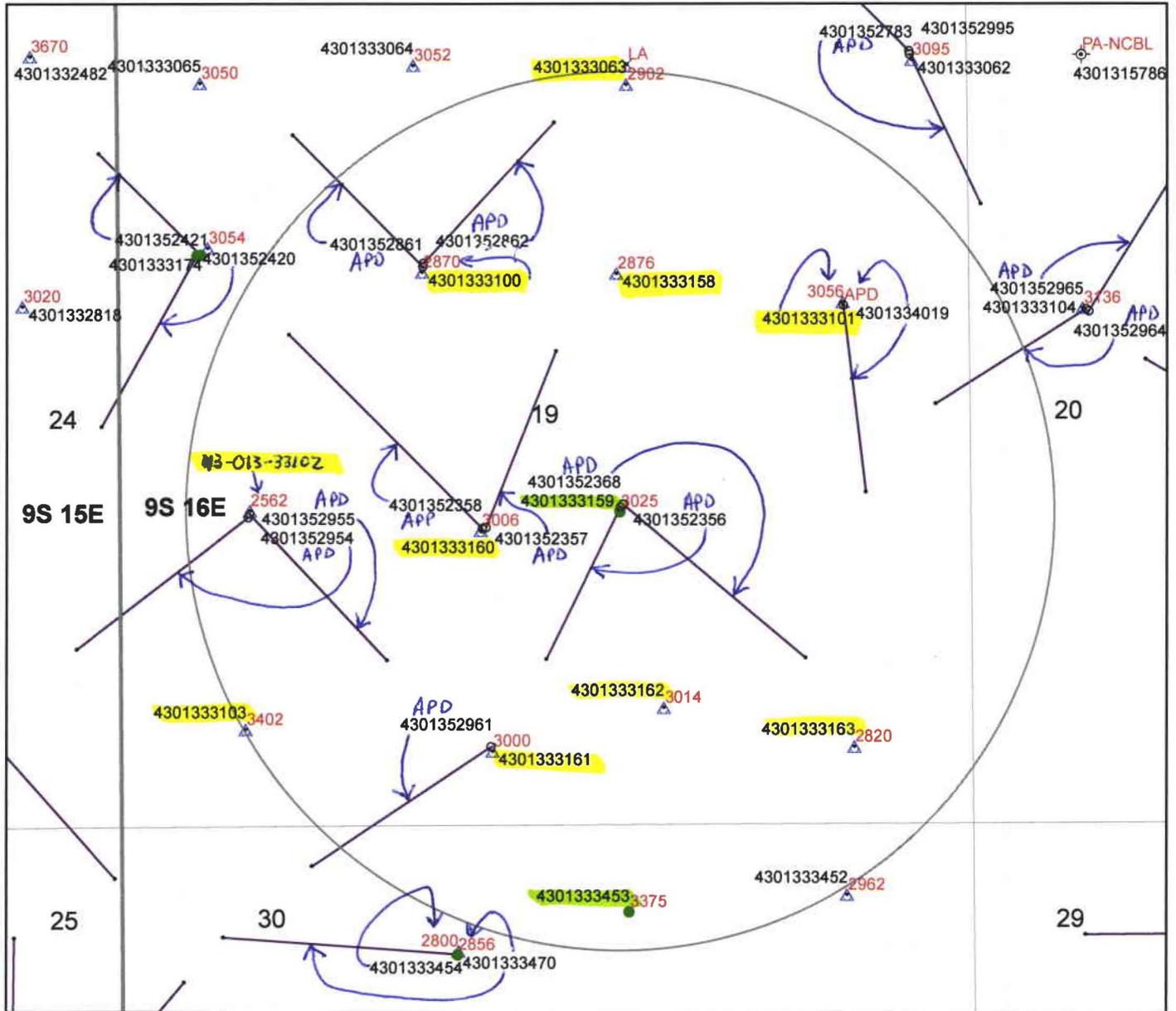
John Rogers
Associate Director

JR/MLR/js

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

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





Legend

Oil & Gas Well Type

- APD-Approved Permit
- ⊙ DRL-Spudded (Drilling Commenced)
- ⊗ GIW-Gas Injection Well
- _{OS} GSW-Gas Storage Well
- × LA-Location Abandoned
- LOC-New Location Well
- OPS-Drilling Operations Suspended
- ⊙ PA-Pugged & Abandoned
- ⊗ PGW-Producing Gas Well
- POW-Producing Oil Well
- ▲ RET-Returned APD
- ⊗ SGW-Shut-in Gas Well
- SOW-Shut-in Oil Well
- ⊗ TA-Temp Abandoned
- TW-Test Well
- ⊗ WDW-Water Disposal Well
- ▲ MW-Water Injection Well
- WSW-Water Supply Well

- 4585 Depth to top of suitable cement bond
- Well Bottom Hole Location
- Oil & Gas Wells Hole Directional Path
- Wells-CbtopsMaster 1-31-13
- DNR Oil Gas Wells Buffer
- County Boundaries
- PLSS Sections
- PLSS Townships

**Cement Bond Tops
Federal 10-19-9-16
API #43-013-33159
UIC-426.3**

(updated 12/30/2014)



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

Applicant: Newfield Production Company **Well:** Federal 10-19-9-16

Location: 19/9S/16E **API:** 43-013-33159

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

Well Integrity: The proposed well has surface casing set at 322 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,884 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,025 feet or higher. A 2 7/8 inch tubing with a packer will be set at 4,496 feet. Higher perforations may be opened at a later date. A mechanical integrity test will be run on the well prior to injection. At the time of this revision (12/30/2014), based on surface locations, there are 2 producing wells and 10 injection wells in the AOR. Additionally, there are 3 approved surface locations inside the AOR, from which directional wells will be drilled to bottom hole locations outside the AOR and 1 surface location outside the AOR, from which a directional well will be drilled to a bottom hole location inside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2500 feet. Injection shall be limited to the interval between 3,874 feet and 5,872 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 10-19-9-16 well is 0.88 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,007 psig. The requested maximum pressure is 2,007 psig. We intend to permit this well at a maximum pressure of 2,000 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Federal 10-19-9-16

page 2

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

Bonding: Bonded with the BLM

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

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

Reviewer(s): Mark Reinbold Date: 9/2//2014 (revised 12/30/2014)

4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED.TAX I.D.# 87-0217663
801-204-6910

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ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / I
8015385340	0000978171 /
SCHEDULE	
Start 08/23/2014	End 08/23/2014
CUST. REF. NO.	
UIC-426	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT C	
SIZE	
76 Lines	2.00 CO
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MISC. CHARGES	AD C
TOTAL	
26	

**BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-426**

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 25 AND 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 19, 21, AND 24, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:
Ashley Federal 2-25-9-15 well located in NW/4 NE/4, Section 25, Township 9 South, Range 15 East
API 43-013-32883
Ashley Federal 10-26-9-15 well located in NW/4 SE/4, Section 26, Township 9 South, Range 15 East
API 43-013-32903
Federal 10-19-9-16 well located in NW/4 SE/4, Section 19, Township 9 South, Range 16 East
API 43-013-33159
Federal 10-21-9-16 well located in NW/4 SE/4, Section 21, Township 9 South, Range 16 East
API 43-013-33110
Federal 12-21-9-16 well located in NW/4 SW/4, Section 21, Township 9 South, Range 16 East
API 43-013-33143
Federal 8-24-9-16 well located in SE/4 NE/4, Section 24, Township 9 South, Range 16 East
API 43-013-33086
Federal 10-24-9-16 well located in NW/4 SE/4, Section 24, Township 9 South, Range 16 East
API 43-013-33339

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

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 20th day of August, 2014.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ Brad Hill
Permitting Manager

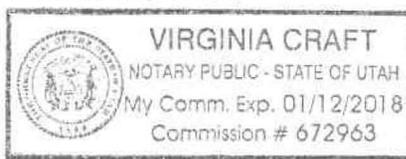
AFFIDAVIT OF PUBLICATION

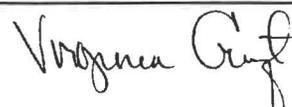
AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY **BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES CAUSE NO. UIC-426 IN THE MATTER OF THE APPLICA FOR DIV OF OIL-GAS & MINING,** WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, 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. COMPLIES WITH UTAH DIGITAL SIGNATURE ACT UTAH CODE 46-2-101; 46-3-104.

PUBLISHED ON Start 08/23/2014 End 08/23/2014

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DATE 8/25/2014




NOTARY SIGNATURE

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

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 26 day of August, 2014, and that the last publication of such notice was in the issue of such newspaper dated the 26 day of August, 2014, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

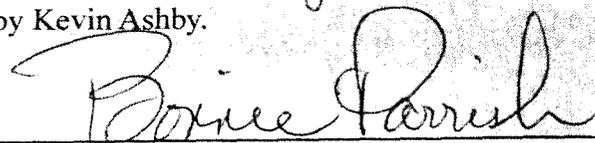


Publisher

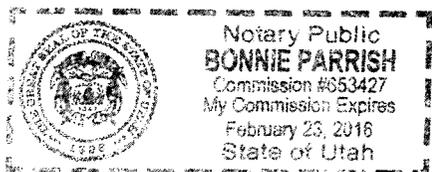
Subscribed and sworn to before me on this

27 day of August, 2014

by Kevin Ashby.



Notary Public



Range 16 East
API 43-013-33143
Federal 8-24-9-16
well located in SE/4
NE/4, Section 24,
Township 9 South,
Range 16 East
API 43-013-33086
Federal 10-24-9-16
well located in NW/4
SE/4, Section 24,
Township 9 South,
Range 16 East
API 43-013-33339
The proceeding
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Administrative Proce-
dures.

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tion submitted by
Newfield Production
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Any person
desiring to object to
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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
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in accordance with
the aforementioned
administrative
procedural rules.
Protestants and/or
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how this matter af-
fects their interests.

NOTICE OF AGENCY ACTION CAUSE NO. UIC-426

BEFORE THE
DIVISION OF OIL,
GAS AND MINING,
DEPARTMENT OF
NATURAL RE-
SOURCE, STATE
OF UTAH

IN THE MAT-
TER OF THE
APPLICATION
OF NEWFIELD
PRODUCTION
COMPANY FOR
ADMINISTRATIVE
APPROVAL OF
CERTAIN WELLS

Dated this 20th day
of August, 2014.
STATE OF UTAH
DIVISION OF
OIL, GAS & MIN-
ING

Brad Hill
Permitting Man-
ager

Published in the
Uintah Basin Stan-
dard August 26, 2014.

LOCATED IN SEC-
TIONS 25 AND
26, TOWNSHIP 9
SOUTH, RANGE 15
EAST, AND SEC-
TIONS 19, 21, AND
24, TOWNSHIP 9
SOUTH, RANGE 16
EAST, DUCHESNE
COUNTY, UTAH,
AS CLASS II INJEC-
TION WELLS.

THE STATE OF
UTAH TO ALL PER-
SONS INTERESTED
IN THE ABOVE
ENTITLED MAT-
TER.

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given that the Divi-
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Mining (the "Divi-
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an informal adjudi-
cative proceeding
to consider the ap-
plication of Newfield
Production Company,
1001 17th Street,
Suite 2000, Denver,
Colorado 80202, tele-
phone 303-893-0102,
for administrative
approval of the fol-
lowing wells located
in Duchesne County,
Utah, for conversion
to Class II injection
wells:

Greater Monument
Butte Unit:

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9 South, Range 15
East

API 43-013-32883
Ashley Federal 10-
26-9-15 well located
in NW/4 SE/4, Sec-
tion 26, Township 9
South, Range 15 East

API 43-013-32903
Federal 10-19-9-16
well located in NW/4
SE/4, Section 19,
Township 9 South,
Range 16 East

API 43-013-33159
Federal 10-21-9-16
well located in NW/4
SE/4, Section 21,
Township 9 South,
Range 16 East

API 43-013-33110
Federal 12-21-9-16
well located in NW/4

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
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CAUSE NO. UIC-426

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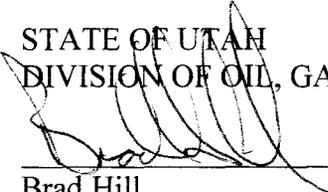
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Dated this 20th day of August, 2014.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

Newfield Production Company

**ASHLEY FEDERAL 2-25-9-15, ASHLEY FEDERAL 10-26-9-15,
FEDERAL 10-19-9-16, FEDERAL 10-21-9-16, FEDERAL 12-21-9-16,
FEDERAL 8-24-9-16, FEDERAL 10-24-9-16**

Cause No. UIC-426

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

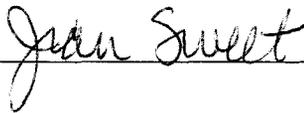
Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
Via e-mail ubslegals@ubmedia.biz

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

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

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

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





GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

August 21, 2014

Via e-mail: ubslegals@ubmedia.biz

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-426

To Whom It May Concern:

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

Please send proof of publication and billing to:

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

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



Jean Sweet <jsweet@utah.gov>

Legal Notice

1 message

Bonnie Parrish <bparish@ubmedia.biz>
To: jsweet@utah.gov

Fri, Aug 22, 2014 at 9:14 AM

Jean,
The legal notice for Newfield Cause No. UIC-426 will run on August 26th.
Thanks,

—
Bonnie Parrish
Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066
bparish@ubmedia.biz
Phone: 435-722-5131
Fax: 435-722-4140



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

August 21, 2014

Via e-mail: naclegal@mediaoneutah.com

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

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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

Order Confirmation for Ad #0000978171-01

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 TEMPLE STE 1210, SALT LAKE CITY UT 84116-3154 USA	Payor Address	1594 W NORTH TEMPLE STE 1210, SALT LAKE CITY UT 84116-3154
Fax	801-359-3940	Ordered By	Acct. Exec
Email	juliecarter@utah.gov	Jean	kstowe

Total Amount	\$260.36			
Payment Amt	\$0.00			
Amount Due	\$260.36	Tear Sheets	Proofs	Affidavits
		0	0	1

Payment Method **PO Number** UIC-426

Confirmation Notes:

Text: Jean

Ad Type	Ad Size	Color
Legal Liner	2.0 X 76 Li	<NONE>

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	8/23/2014	
Product	Placement	Position
Deseret News::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	8/23/2014	
Product	Placement	Position
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	8/23/2014	

Ad Content Proof Actual Size

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DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-426

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Dated this 20th day of August, 2014.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager

978171 UPAXLP

NEWFIELD



RECEIVED

AUG 11 2014

DIV. OF OIL, GAS & MINING

Newfield Exploration Company

1001 17th Street | Suite 2000

Denver, Colorado 80202

PH 303-893-0102 | FAX 303-893-0103

August 6, 2014

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 #10-19-9-16
Monument Butte Field, Lease #UTU-74391
Section 19-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #10-19-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

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

Sincerely,

Jill L Loyle
Regulatory Associate



NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #10-19-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-74391
AUGUST 6, 2014

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ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
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ATTACHMENT E-4	WELLBORE DIAGRAM – FEDERAL #7-19-9-16
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ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED – 12/6/2007 – 12/20/2007
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

Spud Date: 9/27/2007
 Put on Production: 1/9/2008
 GL:6181' KB:6193'

Federal 10-19-9-16

Initial Production: BOPD, MCFD, BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

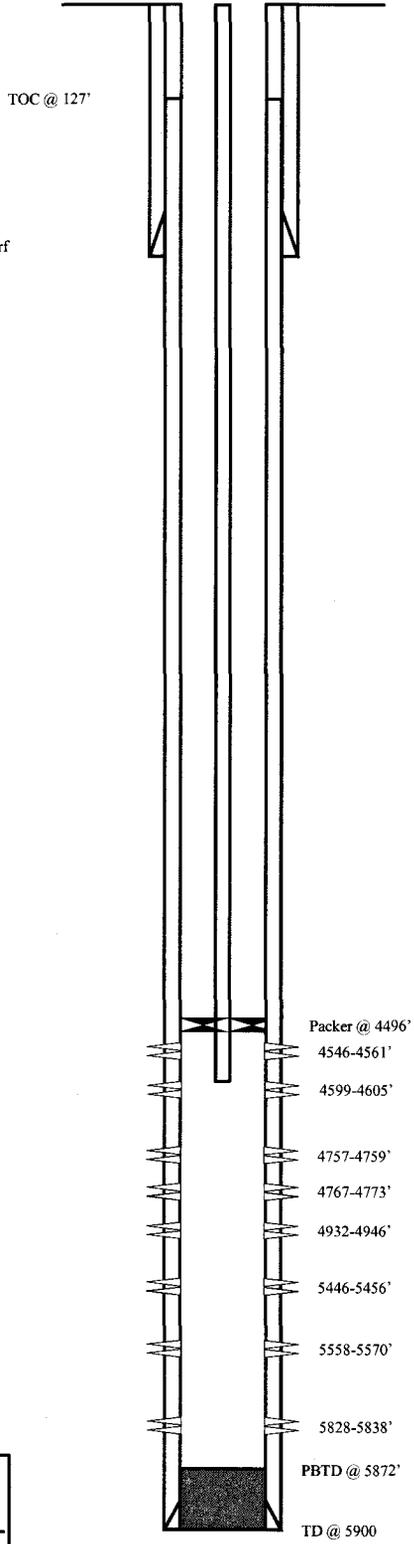
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7jts (311.69')
 DEPTH LANDED: 321.69'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160sxs of class 'G' cement, circ 2 bbls to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 152jts (5894.79')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5883.99'
 CEMENT DATA: 300sxs of Prmlite II & 400sxs of 50/50 poz
 CEMENT TOP AT: 127' per CBL 12/5/07

TUBING (KS 11/29/12)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 169jts (5501.0')
 TUBING ANCHOR: 5513.0'
 NO. OF JOINTS: 3jts (93.8')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5609.6'
 NO. OF JOINTS: 1jt (32.7')
 GAS ANCHOR: 5-1/2" (5.2')
 NIPPLE: 2-7/8" (0.6')
 NO. OF JOINTS: 3jts (97.6')
 BULL PLUG: 2-7/8" (0.4')
 TOTAL STRING LENGTH: EOT @ 5747'



FRAC JOB

12/14/07 5828'-5838' **Frac B5 sds** w/ 37,662#s of 20/40 sand in 535 bbls of Lightning 17 fluid. Broke @ 3685 psi. Treated w/ ave pressure of 2385 psi w/ ave rate of 23.5 BPM. ISIP 2409 psi. Calc Flush: ? Actual flush: 5321 gals.

12/14/07 5558'-5570' **Frac CP3 sds** w/ 39,505#s of 20/40 sand in 465 bbls of Lightning 17 fluid. Broke @ 1750 psi. Treated w/ ave pressure of 2332 psi w/ ave rate of 20.6 BPM. ISIP 2282 psi. Calc flush: Actual Flush: 5048 gals.

12/14/07 5446'-5456' **Frac CP1 sds** w/ 50,243#s of 20/40 sand in 456 bbls of Lightning 17 fluid. Broke @ 1969 psi. Treated w/ ave pressure of 2121 psi w/ ave rate of 20.6 BPM. ISIP 2179 psi. Calc Flush: ? Actual Flush: 4855 gals.

12/14/07 4546'-4561' **Frac D1 & D2 sds** w/ 73,020#s of 20/40 sand in 652 bbls of Lightning 17 fluid. Broke @ 1605 psi. Treated w/ ave pressure of 1792 psi w/ ave rate of 20.7 BPM. ISIP 2037 psi Calc flush: ? Actual Flush: 4460 gals.

10-1-08 Pump Change updated rod & tubing details.
 10-01-10 Recompletion
 9-28-10 4932-4561 Frac w/44516# of Frac A1 20/40 sand on 255bbls of lightning 17 fluid.
 9-28-10 4767-4773 Frac w/50785# of Frac A1 20/40 sand on 287bbls of lightning 17 fluid

PERFORATION RECORD

12/06/07	5828-5838'	4 JSPF	40 holes
12/14/07	5558-5570'	4 JSPF	48 holes
12/14/07	5446-5456'	4 JSPF	40 holes
9/28/10	4932-4946'	4JSPF	42 holes
9/28/10	4767-4773'	4JSPF	18holes
9/28/10	4757-4759'	4JSPF	6 holes
12/14/07	4599-4605'	4 JSPF	24 holes
12/14/07	4546-4561'	4 JSPF	60 holes

NEWFIELD

Federal 10-19-9-16
 1890' FSL & 2146' FEL
 NW/SE Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33159; Lease #UTU-74391

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 #10-19-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

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

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

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

The injection zone is in the Green River Formation. For the Federal #10-19-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3874' - 5872'). 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 3545' and the TD is at 5900'.

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

The referenced log for the Federal #10-19-9-16 is on file with the Utah Division of Oil, Gas and Mining.

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

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

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

See Attachment B.

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

See Attachment C.

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

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

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

This proposed injection well is on a Federal lease (Lease #UTU-74391) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

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

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

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

See Attachments A and B.

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

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

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

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

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

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

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

The casing program is 8-5/8", 24# surface casing run to 322' KB, and 5-1/2", 15.5# casing run from surface to 5884' 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.

2.8 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 2007 psig.

2.9 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 #10-19-9-16, for existing perforations (4546' - 5833') calculates at 0.88 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2007 psig. We may add additional perforations between 3545' and 5900'. See Attachments G and G-1.

2.10 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Federal #10-19-9-16, the proposed injection zone (3874' - 5872') 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.

2.11 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.

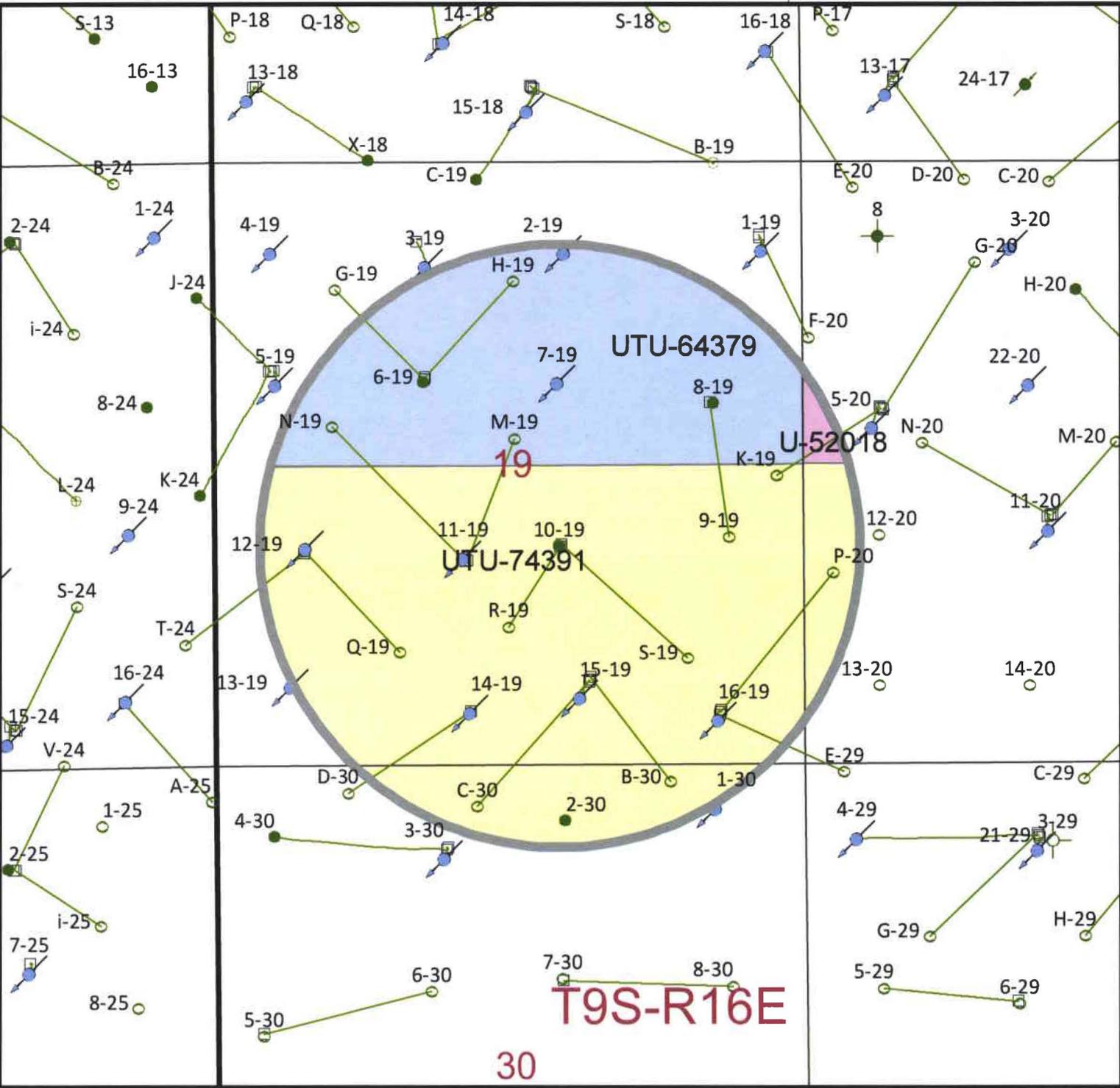
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

2.12 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.

2.13 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.



Lease Number

- U-52018
- UTU-64379
- UTU-74391

Well Status

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

Federal 10-19-9-16
Section 19, T9S-R16E

NEWFIELD
ROCKY MOUNTAINS^{1 in = 1,250 feet}

1/2 Mile Radius Map

Duchesne County

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

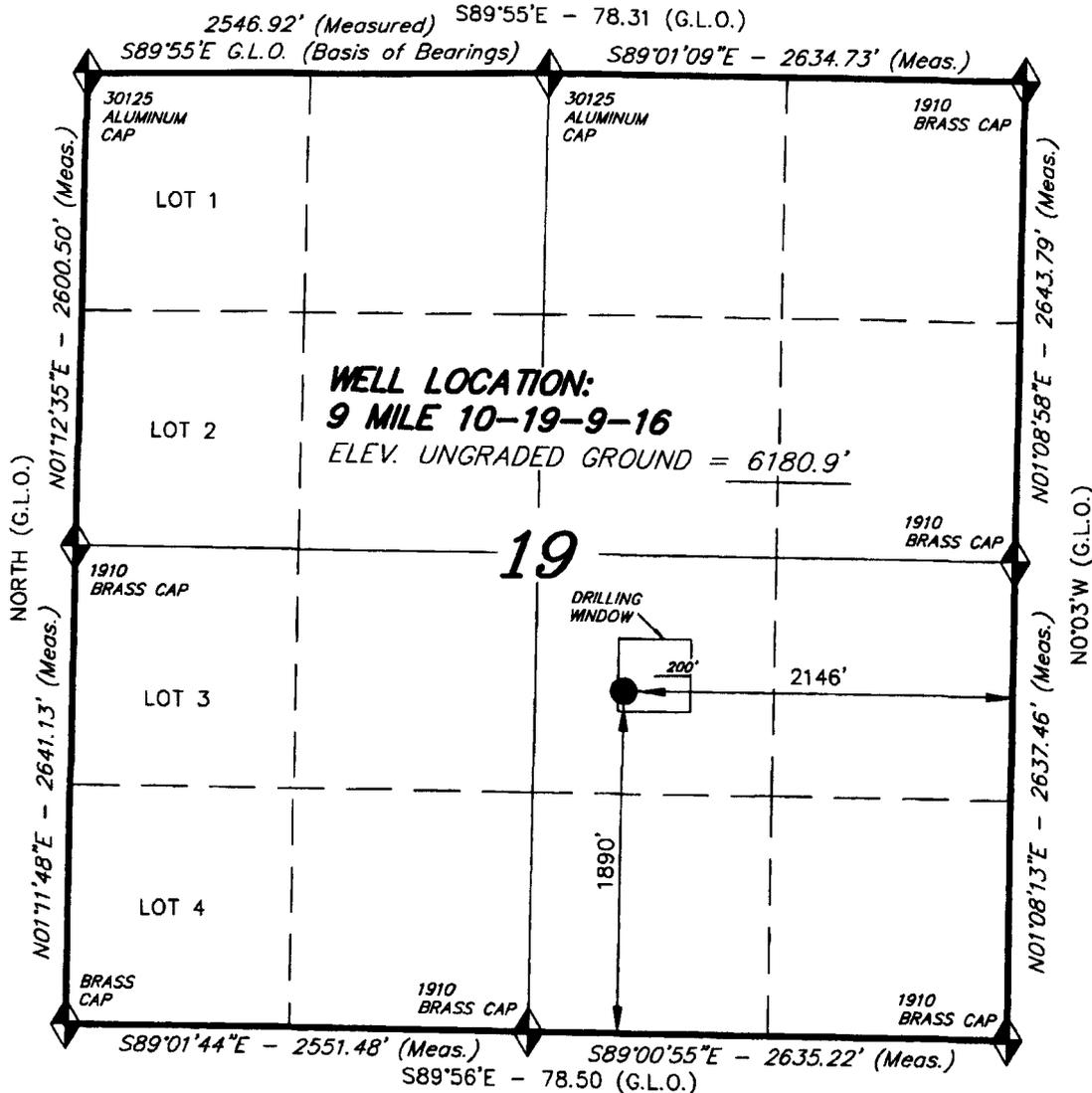
May 5, 2014

T9S-R16E
30

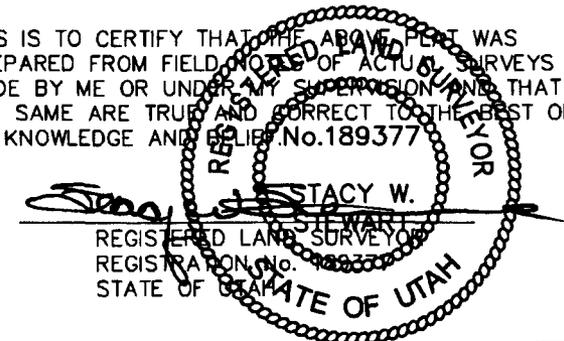
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 10-19-9-16,
LOCATED AS SHOWN IN THE NW 1/4 SE
1/4 OF SECTION 19, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



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



◆ = SECTION CORNERS LOCATED

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

9 MILE 10-19-9-16
(Surface Location) NAD 83
LATITUDE = 40° 00' 51.66"
LONGITUDE = 110° 09' 37.20"

TRI STATE LAND SURVEYING & CONSULTING 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
DATE SURVEYED: 4-3-06	SURVEYED BY: C.M.
DATE DRAWN: 4-10-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

EXHIBIT B

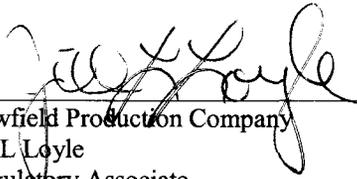
#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 19: E2SW, SE, LOTS 3, 4 Section 20: S2 Section 29: All Section 30: All	USA UTU-74391 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA
2	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, LOTS 3,4 Section 19: NE, E2NW, LOTS 1,2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corp	USA
3	T9S-R16E SLM Section 17: S2 Section 20: N2	USA UTU-52018 HBP	Newfield Production Company Newfield RMI LLC	USA

ATTACHMENT C

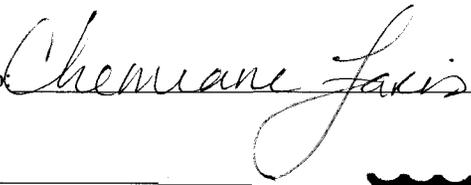
CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #10-19-9-16

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

Signed: 
Newfield Production Company
Jill L. Loyle
Regulatory Associate

Sworn to and subscribed before me this 6th day of August, 2014.

Notary Public in and for the State of Colorado: 

My Commission Expires: 12.14.15

**CHEMEANE FARIS
Notary Public
State of Colorado**

Spud Date: 9/27/2007
 Put on Production: 1/9/2008
 GL:6181' KB:6193'

Federal 10-19-9-16

Initial Production: BOPD, MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7jts (311.69')
 DEPTH LANDED: 321.69'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160sxs of class 'G' cement, circ 2 bbls to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 152jts (5894.79')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5883.99'
 CEMENT DATA: 300sxs of Primlite II & 400sxs of 50/50 poz
 CEMENT TOP AT: 127' per CBL 12/5/07

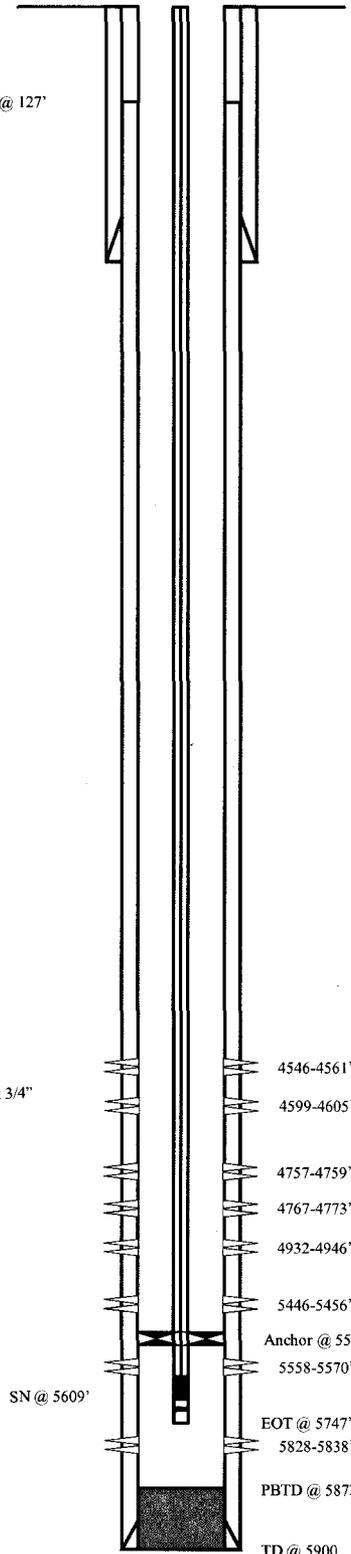
TUBING (KS 11/29/12)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 169jts (5501.0')
 TUBING ANCHOR: 5513.0'
 NO. OF JOINTS: 3jts (93.8')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5609.6'
 NO. OF JOINTS: 1jt (32.7')
 GAS ANCHOR: 5-1/2" (5.2')
 NIPPLE: 2-7/8" (0.6')
 NO. OF JOINTS: 3jts (97.6')
 BULL PLUG: 2-7/8" (0.4')
 TOTAL STRING LENGTH: EOT @ 5747'

SUCKER RODS (KS 11/29/12)

POLISHED ROD: 26' x 1-1/2"
 SUCKER RODS: 4', 8' x 3/4" Pony Rods, 99 x 3/4" Guided Rods, 91 x 3/4" Sucker Rods, 27 x 3/4" Guided Rods, 6 x 1-1/2" Sinker Bars
 PUMP SIZE: 2-1/2" x 1-1/2" x 20' x 24" RHAC
 STROKE LENGTH: 103"
 PUMP SPEED, SPM: 5.0
 PUMPING UNIT: DARCO C-320-256-120

TOC @ 127'



FRAC JOB

12/14/07 5828'-5838' **Frac BS sds** w/ 37,662#s of 20/40 sand in 535 bbls of Lightning 17 fluid. Broke @ 3685 psi. Treated w/ ave pressure of 2385 psi w/ ave rate of 23.5 BPM. ISIP 2409 psi. Calc Flush: ? Actual flush: 5321 gals.

12/14/07 5558'-5570' **Frac CP3 sds** w/ 39,505#s of 20/40 sand in 465 bbls of Lightning 17 fluid. Broke @ 1750 psi. Treated w/ ave pressure of 2332 psi w/ ave rate of 20.6 BPM. ISIP 2282 psi. Calc flush: Actual Flush: 5048 gals.

12/14/07 5446'-5456' **Frac CP1 sds** w/ 50,243#s of 20/40 sand in 456 bbls of Lightning 17 fluid. Broke @ 1969 psi. Treated w/ ave pressure of 2121 psi w/ ave rate of 20.6 BPM. ISIP 2179 psi. Calc Flush: ? Actual Flush: 4855 gals.

12/14/07 4546'-4561' **Frac D1 & D2 sds** w/ 73,020#s of 20/40 sand in 652 bbls of Lightning 17 fluid. Broke @ 1605 psi. Treated w/ ave pressure of 1792 psi w/ ave rate of 20.7 BPM. ISIP 2037 psi. Calc flush: ? Actual Flush: 4460 gals.

10-1-08 Pump Change updated rod & tubing details.

10-01-10 Recompletion

9-28-10 4932-4561' Frac w/44516# of Frac A1 20/40 sand on 255bbls of lightning 17 fluid.

9-28-10 4767-4773' Frac w/50785# of Frac A1 20/40 sand on 287bbls of lightning 17 fluid

PERFORATION RECORD

12/06/07	5828-5838'	4 JSPF	40 holes
12/14/07	5558-5570'	4 JSPF	48 holes
12/14/07	5446-5456'	4 JSPF	40 holes
9/28/10	4932-4946'	4 JSPF	42 holes
9/28/10	4767-4773'	4 JSPF	18holes
9/28/10	4757-4759'	4 JSPF	6 holes
12/14/07	4599-4605'	4 JSPF	24 holes
12/14/07	4546-4561'	4 JSPF	60 holes

NEWFIELD



Federal 10-19-9-16
 1890' FSL & 2146' FEL
 NW/SE Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33159; Lease #UTU-74391

NEWFIELD

Schematic

43-013-33063

Well Name: Federal 2-19-9-16

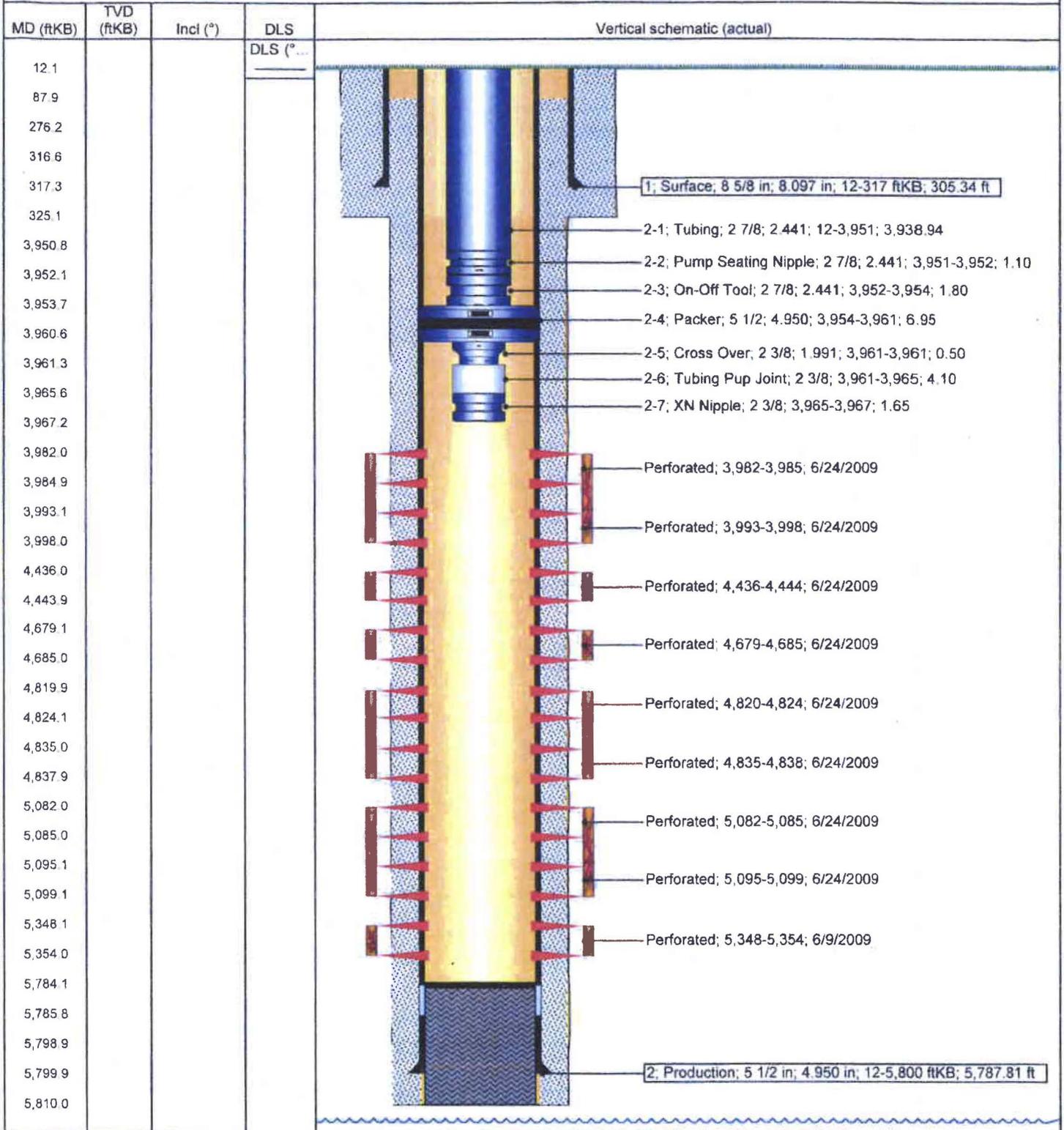
Surface Legal Location 19-9S-16E		API/UWI 43013330630000	Well RC 500159195	Lease	State/Province Utah	Field Name GMBU CTB3	County N/A
Spud Date 5/21/2009	Rig Release Date 6/3/2009	On Production Date 6/30/2009	Original KB Elevation (ft) 5,978	Ground Elevation (ft) 5,966	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,784.0	

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 3/17/2014	Job End Date
---------------------------------------	--------------------------------	-----------------------------	-----------------------------	--------------

TD: 5,810.0

Vertical - Original Hole, 3/24/2014 10:06:09 AM



FEDERAL 3-19-9-16

Spud Date: 09/12/07

Put on Production: 10/11/07

GL: 6131' KB: 6143'

Injection Wellbore Diagram

SURFACE CASING

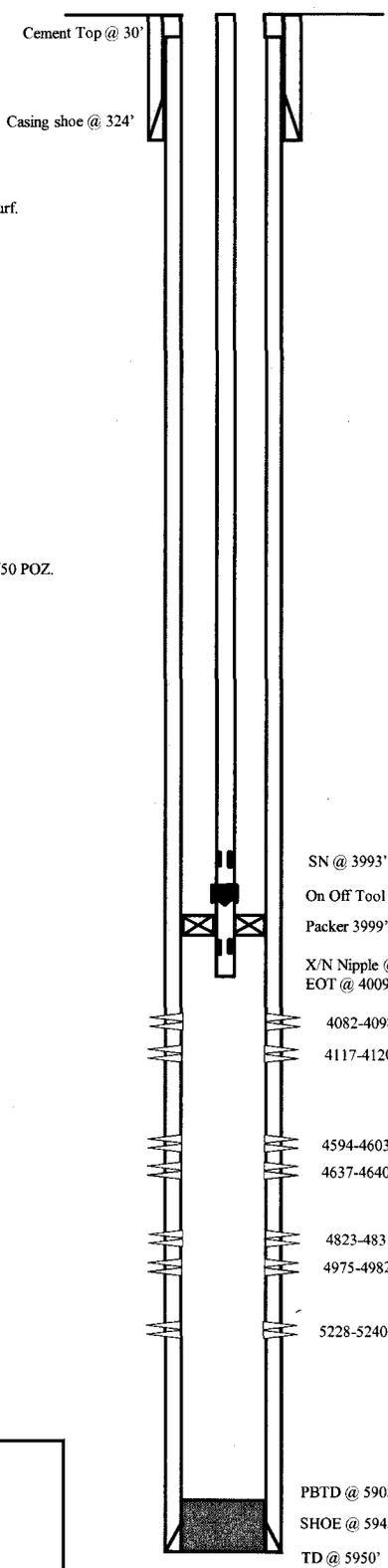
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.15')
 DEPTH LANDED: 324.27' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 153 jts. (5897.02')
 DEPTH LANDED: 5945.27' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs 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: 129 jts (3981.0')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 3993' KB
 ON/OFF TOOL AT: 3994.1'
 SEAL NIPPLE AT: 3995.6'
 ARROW #1 PACKER CE AT: 3999'
 XO 2-3/8 x 2-7/8 J-55 AT: 4002.9'
 TBG PUP 2-3/8 J-55 AT: 4003.3'
 X/N NIPPLE AT: 4007.4'
 TOTAL STRING LENGTH: EOT @ 4009'



FRAC JOB

06/27/07	5228-5240'	Frac LODC sands as follows: 45550# 20/40 sand in 450 bbls Lightning 17 frac fluid. Treated @ avg press of 1899 psi w/avg rate of 24.7 BPM. ISIP 2160 psi. Calc flush: 5226 gal. Actual flush: 4746 gal.
06/27/07	4975-4982'	Frac A1 sands as follows: 24422# 20/40 sand in 390 bbls Lightning 17 frac fluid. Treated @ avg press of 2402 psi w/avg rate of 24.9 BPM. ISIP 2248 psi. Calc flush: 4973 gal. Actual flush: 4494 gal.
06/27/07	4823-4831'	Frac B.5 sands as follows: 29655# 20/40 sand in 390 bbls Lightning 17 frac fluid. Treated @ avg press of 2022 psi w/avg rate of 24.8 BPM. ISIP 1907 psi. Calc flush: 4821 gal. Actual flush: 4326 gal.
06/27/07	4594-4603'	Frac D1 sands as follows: 69977# 20/40 sand in 571 bbls Lightning 17 frac fluid. Treated @ avg press of 1748 psi w/avg rate of 24.8 BPM. ISIP 1927 psi. Calc flush: 4592 gal. Actual flush: 4074 gal.
06/27/07	4082-4098'	Frac GB4 sands as follows: 84076# 20/40 sand in 655 bbls Lightning 17 frac fluid. Treated @ avg press of 1625 psi w/avg rate of 24.8 BPM. ISIP 1836 psi. Calc flush: 4080 gal. Actual flush: 3990 gal.
09/17/10		Pump Change. Rod & tubing detail updated.
10/05/12	4637-4640'	Frac D2 sands as follows: 23809# 20/40 sand in 239 bbls Lightning 17 frac fluid.
10/05/12	4117-4120'	Frac GB6 sands as follows: 19413# 20/40 sand in 193 bbls Lightning 17 frac fluid.
10/09/12		Conversion to Injection well
10/12/12		Conversion MIT Finalized - update tbg detail

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
10/03/12	4637-4640'	3 JSPF	9 holes
10/03/12	4117-4120'	3 JSPF	9 holes

NEWFIELD

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

Attachment E-3

NEWFIELD

Schematic

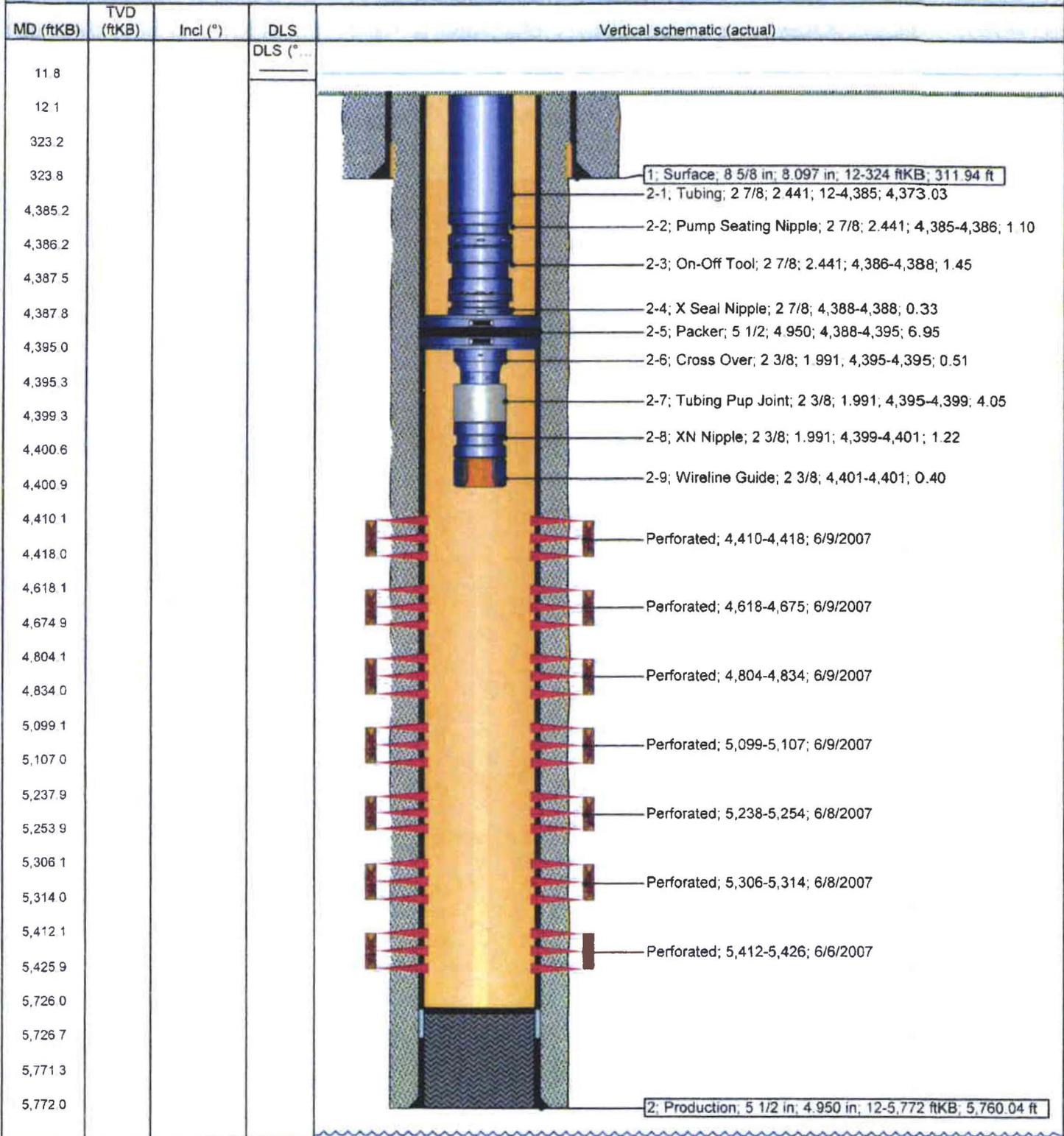
43-013-33100

Well Name: Federal 6-19-9-16

Surface Legal Location 19-9S-16E		API/UWI 43013331000000	Well RC 500158544	Lease	State/Province Utah	Field Name GMBU CTB3	County DUCHESNE
Spud Date 5/13/2007	Rig Release Date 5/22/2007	On Production Date 6/12/2007	Original KB Elevation (ft) 6,000	Ground Elevation (ft) 5,988	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,726.2	

Most Recent Job				
Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 3/14/2014	Job End Date 3/20/2014

TD: 5,772.0 Vertical - Original Hole, 9/2/2014 8:49:46 AM



FEDERAL 7-19-9-16

Spud Date: 09/25/07

Put on Production: 12/06/07

GL: 6137' KB: 6149'

Injection Wellbore Diagram

SURFACE CASING

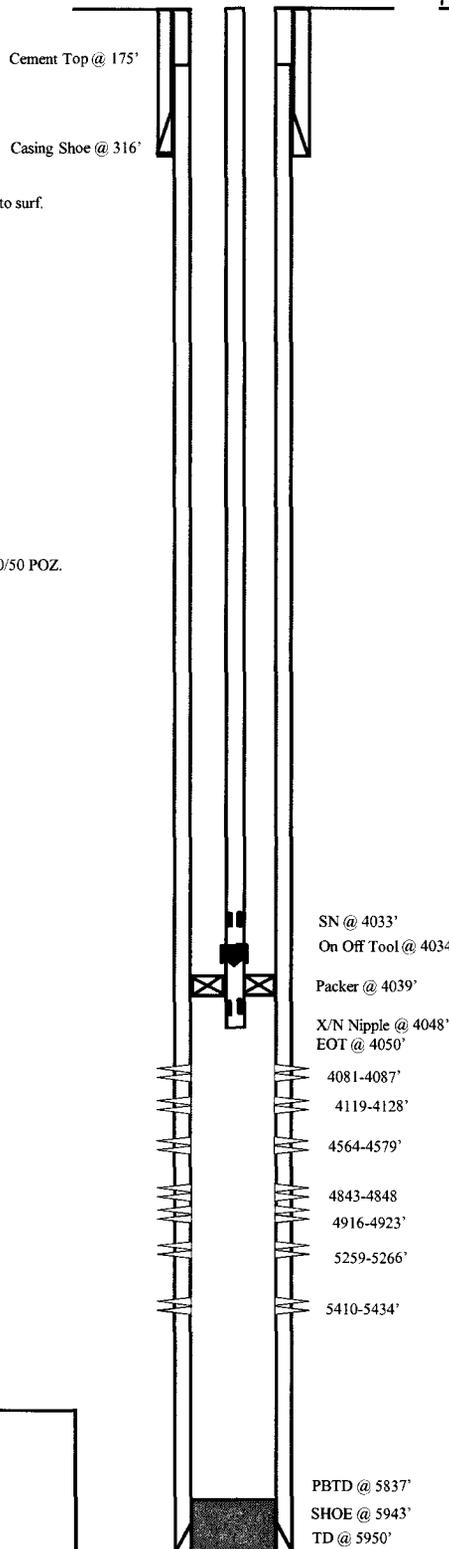
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.36')
 DEPTH LANDED: 316.01' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 138 jts. (5929.84')
 DEPTH LANDED: 5943.09' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP: 175'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 128 jts (4021')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4033' KB
 ON/OFF TOOL AT: 4034.1'
 ARROW #1 PACKER CE AT: 4039.4'
 XO 2-3/8 x 2-7/8 J-55 AT: 4043.5'
 TBG PUP 2-3/8 J-55 AT: 4044'
 X/N NIPPLE AT: 4048.2'
 TOTAL STRING LENGTH: EOT @ 4049.7'



FRAC JOB

11/19/07 5410-5434' **Frac LODC sands as follows:**
 109202# 20/40 sand in 819 bbls Lightning 17 frac fluid. Treated @ avg press of 2224 psi w/avg rate of 23.1 BPM. ISIP 2660 psi. Calc flush: 5408 gal. Actual flush: 4906 gal.

11/28/07 5259-5266' **Frac LODC sands as follows:**
 39849# 20/40 sand in 409 bbl Lightning 17 frac fluid. Treated @ avg press of 2270 psi w/avg rate of 23.1 BPM. ISIP 2197 psi. Calc flush: 5257 gal. Actual flush: 4759 gal.

11/28/07 4916-4923' **Frac A.5 sands as follows:**
 190567# 20/40 sand in 298 bbls Lightning 17 frac fluid. Treated @ avg press of 2017 psi w/avg rate of 23.1 BPM. ISIP 2175 psi. Calc flush: 4914 gal. Actual flush: 4410 gal.

11/28/07 4843-4848' **Frac B1 sands as follows:**
 14207# 20/40 sand in 260 bbls Lightning 17 frac fluid. Treated @ avg press of 2112 psi w/avg rate of 23.1 BPM. ISIP 1944 psi. Calc flush: 4842 gal. Actual flush: 4343 gal.

11/28/07 4564-4579' **Frac D1 sands as follows:**
 79967# 20/40 sand in 617 bbls Lightning 17 frac fluid. Treated @ avg press of 1666 psi w/avg rate of 23.1 BPM. ISIP 1984 psi. Calc flush: 4564 gal. Actual flush: 4579 gal.

11/28/07 4081-4128' **Frac GB6 & GB4 sands as follows:**
 39102# 20/40 sand in 395 bbls Lightning 17 frac fluid. Treated @ avg press of 1725 psi w/avg rate of 23.1 BPM. ISIP 1731 psi. Calc flush: 4562 gal. Actual flush: 3990 gal.

5/5/09 **Pump Change.** Updated r & t details.

01/20/14 **Convert to Injection Well**

01/21/14 **Conversion MIT Finalized** - update tbg detail

PERFORATION RECORD

Date	Depth Range	Tool	Holes
10/11/07	4081-4128'	4 JSPF	188 holes
10/11/07	4584-4598'	4 JSPF	56 holes
10/11/07	4828-4837'	4 JSPF	36 holes
10/11/07	4976-4985'	4 JSPF	36 holes
10/11/07	5236-5272'	4 JSPF	144 holes
10/11/07	5649-5658'	4 JSPF	36 holes

NEWFIELD

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

NEWFIELD

Schematic

43-013-33101

Well Name: Federal 8-19-9-16

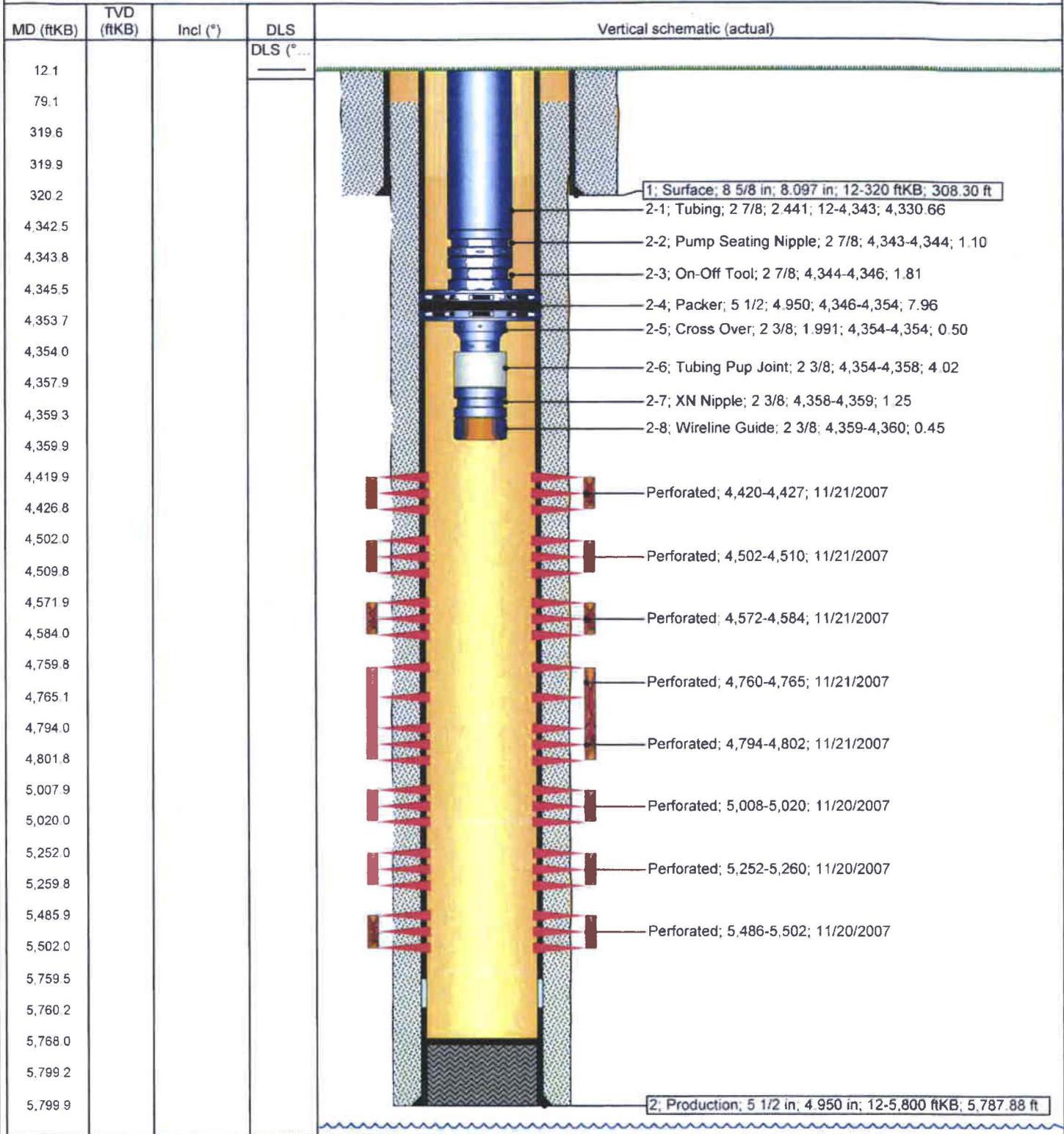
Surface Legal Location 19-9S-16E		API/UWI 43013331010000	Well RC 500159197	Lease	State/Province Utah	Field Name GMBU CTB3	County DUCHESNE
Spud Date	Rig Release Date	On Production Date 12/6/2007	Original KB Elevation (ft) 5,996	Ground Elevation (ft) 5,984	Total Depth Alt (TVD) (ftKB)	PBD (Alt) (ftKB) Original Hole - 5,768.0	

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 7/24/2014	Job End Date 8/20/2014
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TD: 5,800.0

Vertical - Original Hole, 8/25/2014 1:09:43 PM



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

Federal 11-19-9-16

Injection Wellbore Diagram

SURFACE CASING

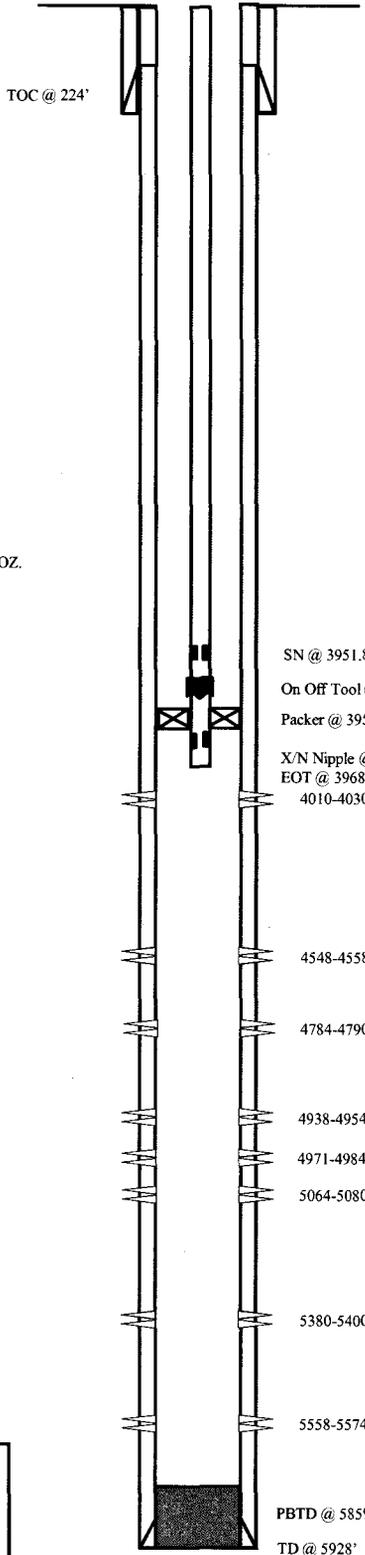
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (310.34')
 DEPTH LANDED: 320.34'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, circ. 8 bbl to surf.

PRODUCTION CASING

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

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 125 jts (3939.8')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 3951.8' KB
 ON/OFF TOOL AT: 3952.9'
 ARROW #1 PACKER CE AT: 3957.69'
 XO 2-3/8 x 2-7/8 J-55 AT: 3961.4'
 TBG PUP 2-3/8 J-55 AT: 3961.9'
 X/N NIPPLE AT: 3966'
 TOTAL STRING LENGTH: EOT @ 3967.6'



FRAC JOB

12-26-07 5558-5574' **Frac CP2 sands as follows:**
 Frac with 59775# 20/40 sand in 533bbls
 Lightning 17 fluid. Treat at 1825 psi @
 23 BPM. ISIP 2111 psi.

12-26-07 5380-5400' **Frac LODC sands as follows:**
 Frac with 59263# 20/40 sand in 528 bbls
 Lightning 17 fluid. Treat at 2001psi @
 23.1 BPM. ISIP 2364psi.

12-27-7 5064-5080' **Frac LODC sands as follows:**
 Frac with 75331# 20/40 sand in 618
 bbls Lightning 17 fluid. Treat at 2507 psi
 @ 29.1 BPM. ISIP 2905 psi.

12-27-07 4938-4984' **Frac A3 & A1 sand as follows:**
 Frac with 110221# 20/40 sand in 881
 bbls Lightning 17 fluid. Treat at 1743 psi
 @ 23 BPM. ISIP 2079 psi.

12-27-07 4784-4790' **Frac B.5 sands as follows:**
 Frac with 20091# 20/40 sand in 301
 bbls Lightning 17 fluid. Treat at 2034 psi
 @ 23 BPM. ISIP 2027 psi.

12-27-07 4548-4558' **Frac D1 sands as follows:**
 Frac with 50552# 20/40 sand in 442
 bbls Lightning 17 fluid. Treat at 1639 psi
 @ 23.1 BPM. ISIP 2088 psi.

12-27-07 4010-4030' **Frac GB4 sands as follows:**
 Frac with 44039# 20/40 sand in 416
 bbls Lightning 17 fluid. Treat at 1391 psi
 @ 23 BPM. ISIP 1434 psi.

9-16-08 **Parted rod.** Updated rod & tubing
 details.

6/15/09 **Tubing Leak.** Updated r & t details.

09/04/13 **Convert to Injection Well**

09/05/13 **Conversion MIT Finalized** - update tbg
 detail

PERFORATION RECORD

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

NEWFIELD



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

NEWFIELD



Schematic

43-013-33102

Well Name: Federal 12-19-9-16

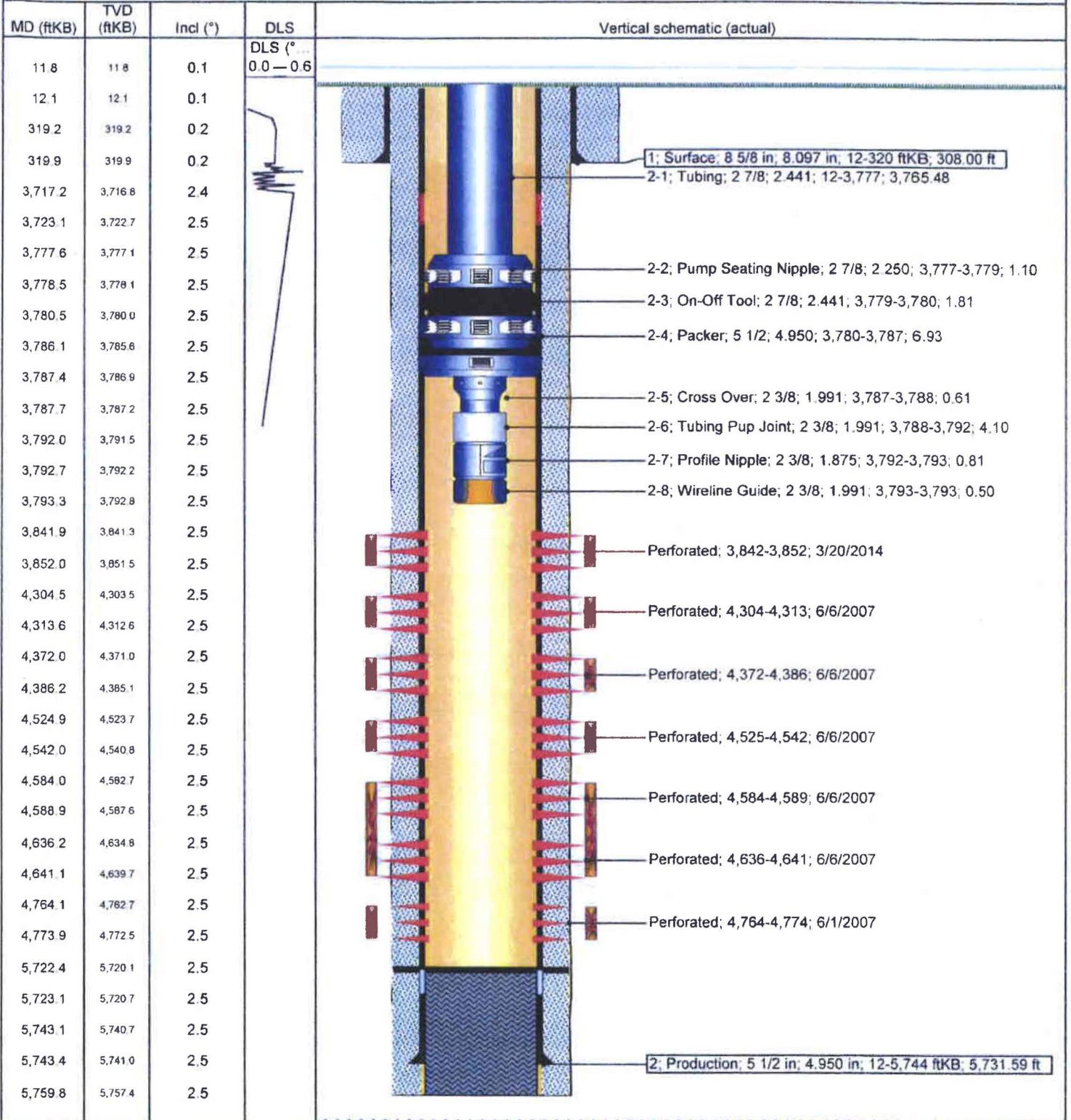
Surface Legal Location 1903' FSL & 791' FWL NWSW SECTION 19-T9S-R16E		API/UVI 43013331020000	Well RC 500158541	Lease	State/Province Utah	Field Name GMBU CTB3	County DUCHESNE
Spud Date 5/4/2007	Rig Release Date 5/15/2007	On Production Date 6/13/2007	Original KB Elevation (ft) 6,036	Ground Elevation (ft) 6,024	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,722.4	

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type OAP	Job Start Date 3/18/2014	Job End Date 3/24/2014
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TD: 5,760.0

Vertical - Original Hole, 3/31/2014 8:21:09 AM



Federal 13-19-9-16

Spud Date: 7/18/2009
 Put on Production: 8/20/2009
 GL: 6044' KB: 6056'

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (30.7.17")
 DEPTH LANDED: 319.02'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt

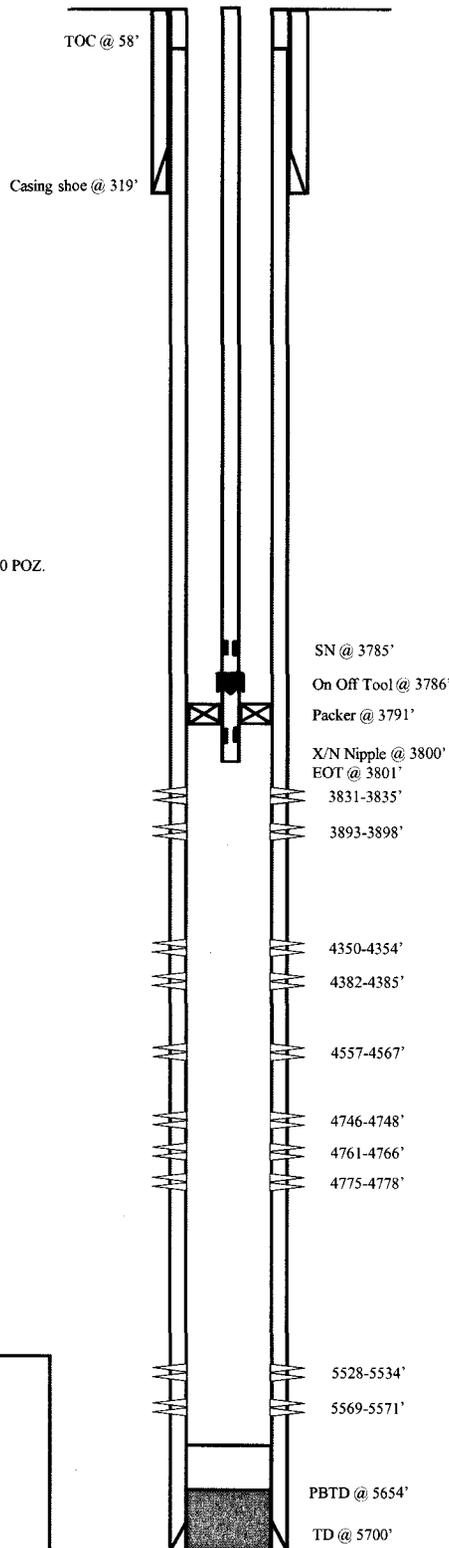
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 143 jts. (5642.16')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5696.9'
 CEMENT DATA: 275 sx Prem. Lite II mixed & 400 sx 50/50 POZ.
 CEMENT TOP AT: 58'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 120 jts (3772.8")
 SEATING NIPPLE: 2-7/8" (1.10")
 SN LANDED AT: 3784.8' KB
 ON/OFF TOOL AT: 3785.9'
 ARROW #1 PACKER CE AT: 3791.4'
 XO 2-3/8 x 2-7/8 J-55 AT: 3794.8'
 TBG PUP 2-3/8 J-55 AT: 3795.3'
 X/N NIPPLE AT: 3799.6'
 TOTAL STRING LENGTH: EOT @ 3800.9'

Injection Wellbore Diagram



FRAC JOB

8-21-09	5528-5571'	Frac CP5 sands as follows: Frac with 15618# 20/40 sand in 124 bbls Lightning 17 fluid.
8-21-09	4746-4778'	Frac A1 sands as follows: Frac with 60817# 20/40 sand in 358 bbls Lightning 17 fluid.
8-21-09	4557-4567'	Frac B.5 sands as follows: Frac with 15408# 20/40 sand in 124 bbls Lightning 17 fluid.
8-21-09	4350-4385'	Frac D1 & D2 sands as follows: Frac with 61285# 20/40 sand in 360 bbls Lightning 17 fluid.
8-21-09	3831-3898'	Frac GB4 & GB5 sands as follows: Frac with 84734# 20/40 sand in 506 bbls Lightning 17 fluid.
9/30/09		Pump Change. Updated rod & tubing details.
11/30/2009		Pump Change. Updated rod and tubing detail.
05/01/10		Pump Change. Updated rod and tubing detail.
07/23/11		Pump Change. Rods & tubing updated.
09/04/13		Convert to Injection Well
09/05/13		Conversion MIT Finalized – update tbg detail

PERFORATION RECORD

5569-5571'	3 JSPF	6 holes
5528-5534'	3 JSPF	18 holes
4775-4778'	3 JSPF	9 holes
4761-4766'	3 JSPF	15 holes
4746-4748'	3 JSPF	6 holes
4557-4567'	3 JSPF	30 holes
4382-4385'	3 JSPF	9 holes
4350-4354'	3 JSPF	12 holes
3893-3898'	3 JSPF	15 holes
3831-3835'	3 JSPF	12 holes

NEWFIELD

Federal 13-19-9-16
 588' FSL & 758' FWL SWSW
 Section 19-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33103; Lease # UTU-74391

NEWFIELD

Schematic

43-013-33161

Well Name: Federal 14-19-9-16

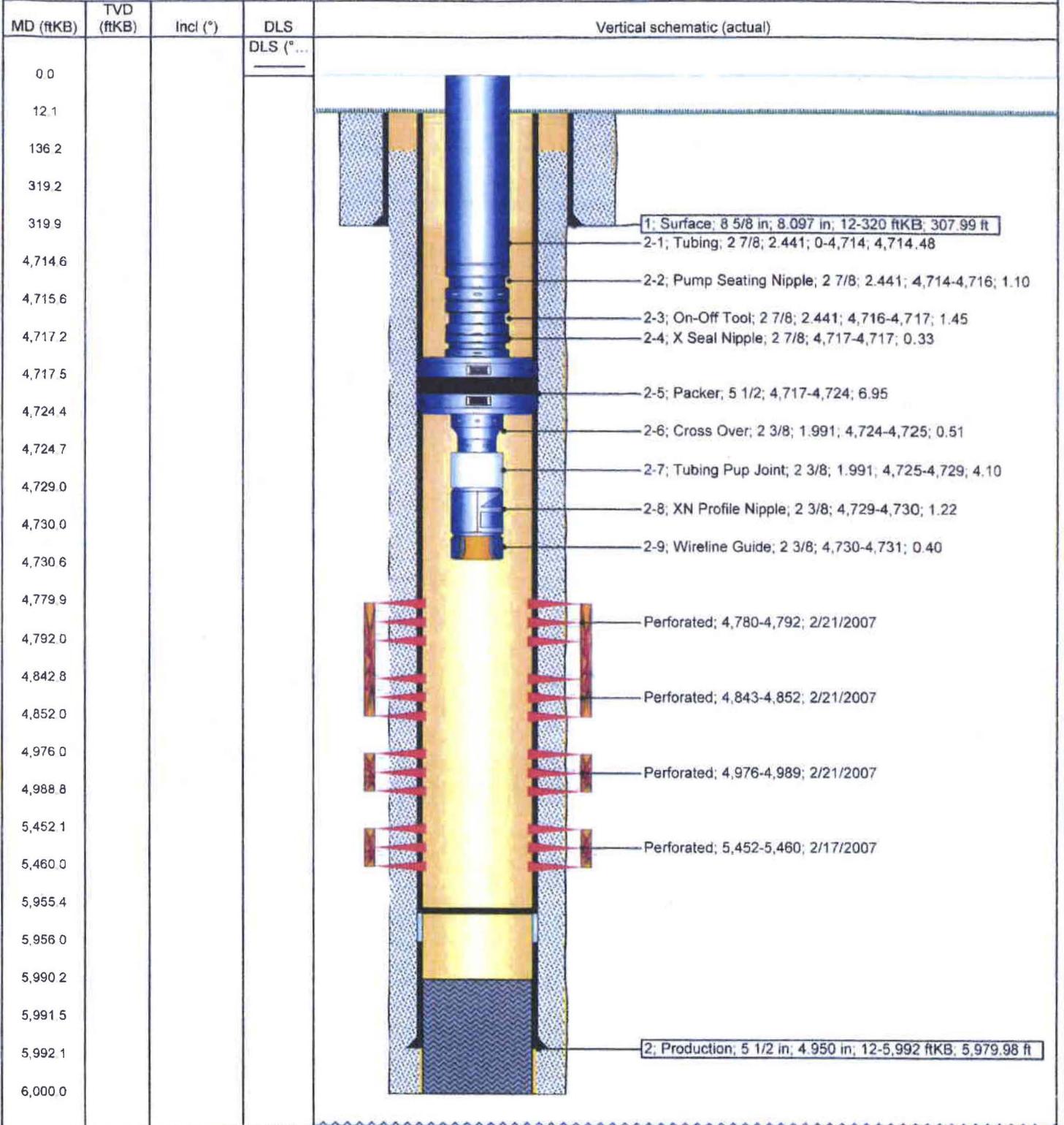
Surface Legal Location 19-9S-16E		API/UWI 43013331610000	Well RC 500159193	Lease	State/Province Utah	Field Name GMBU CTB3	County DUCHESNE
Spud Date 1/23/2007	Rig Release Date 2/2/2007	On Production Date 2/27/2007	Original KB Elevation (ft) 6,257	Ground Elevation (ft) 6,245	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,955.5	

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 3/19/2014	Job End Date
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TD: 6,000.0

Vertical - Original Hole, 4/2/2014 8:33:03 AM



FEDERAL 15-19-9-16

Spud Date: 10/29/07
 Put on Production: 02/07/08
 GL:6218' KB:6230'

Injection Wellbore Diagram

SURFACE CASING

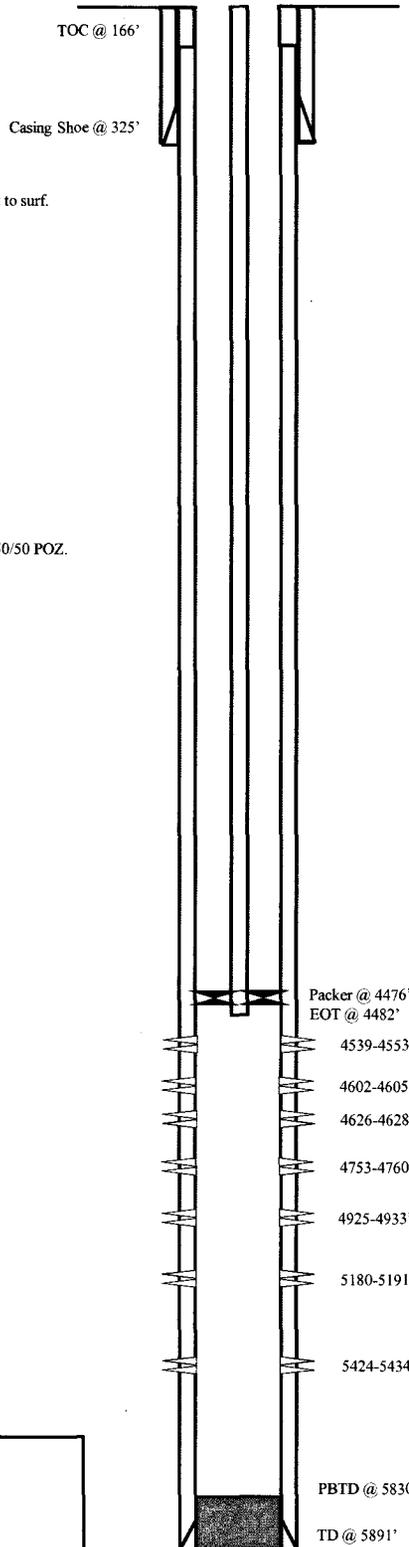
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.36')
 DEPTH LANDED: 324.84' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 136 jts. (5854.09')
 DEPTH LANDED: 5867.67' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 142 jts (4459.0')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4480.8' KB
 CE @ 4475.61'
 TOTAL STRING LENGTH: EOT @ 4482' KB



FRAC JOB

02/01/08	5424-5434'	Frac CPI sands as follows: 19731# 20/40 sand in 327 bbls Lightning 17 frac fluid. Treated @ avg press of 1909 psi w/avg rate of 15.2 BPM. ISIP 2009 psi.
02/01/08	5180-5191'	Frac LODC sands as follows: 29863# 20/40 sand in 404 bbl Lightning 17 frac fluid. Treated @ avg press of 2361 psi w/avg rate of 22.1 BPM. ISIP 2460 psi.
02/01/08	4925-4933'	Frac A1 sands as follows: 15194# 20/40 sand in 274 bbls Lightning 17 frac fluid. Treated @ avg press of 2440 psi w/avg rate of 21.6 BPM. ISIP 2237 psi.
02/01/08	4753-4760'	Frac B.5 sands as follows: 25716# 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 2072 psi w/avg rate of 22.0 BPM. ISIP 2020 psi.
02/01/08	4539-4553'	Frac D1 sands as follows: 46601# 20/40 sand in 439 bbls Lightning 17 frac fluid. Treated @ avg press of 1712 psi w/avg rate of 22.0 BPM. ISIP 1930 psi.
10/2/09		Tubing Leak. Updated rod & tubing details.
06/28/11		Parted Rods. Rods & tubing updated.
05/29/12	4602-4626'	Frac D3 & D2 sands as follows: 18461# 20/40 sand in 292 bbls Lightning 17 frac fluid
05/30/12		Convert to Injection Well
06/01/12		Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

5424-5434'	4 JSPF	40 holes
5180-5191'	4 JSPF	44 holes
4925-4933'	4 JSPF	32 holes
4753-4760'	4 JSPF	28 holes
4539-4553'	4 JSPF	56 holes
5-29-12 4626-4628'	3 JSPF	6 holes
5-29-12 4602-4605'	3 JSPF	9 holes



FEDERAL 15-19-9-16

711' FSL & 1888' FEL
 SW/SE Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33162; Lease # UTU-74391

NEWFIELD

Schematic

Well Name: Federal 16-19-9-16

43-013-33163

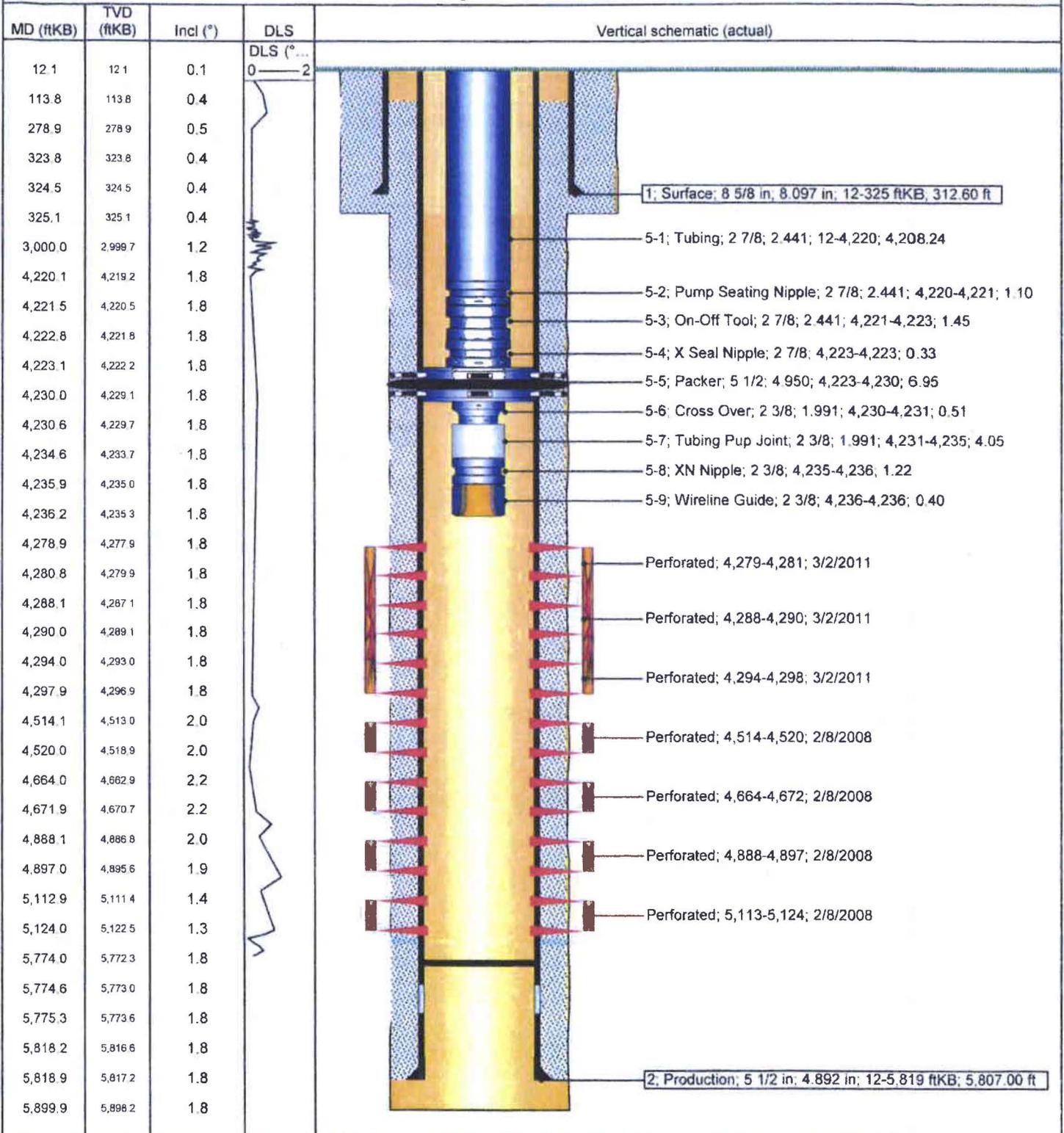
Surface Legal Location 19-9S-16E		API/UVI 43013331630000	Well RC 500159194	Lease	State/Province Utah	Field Name GMBU CTB3	County DUCHESNE
Spud Date	Rig Release Date	On Production Date 2/19/2008	Original KB Elevation (ft) 6,192	Ground Elevation (ft) 6,180	Total Depth All (TVD) (ftKB)	PBD (All) (ftKB) Original Hole - 5,774.0	

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 3/21/2014	Job End Date
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TD: 5,900.0

Vertical - Original Hole, 3/28/2014 7:56:35 AM



Federal 1-30-9-16

Spud Date: 5/28/2009

Put on Production: 7/6/2009

GL: 6214' KB: 6226'

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (269')
 DEPTH LANDED: 320' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx class 'g' cmt

PRODUCTION CASING

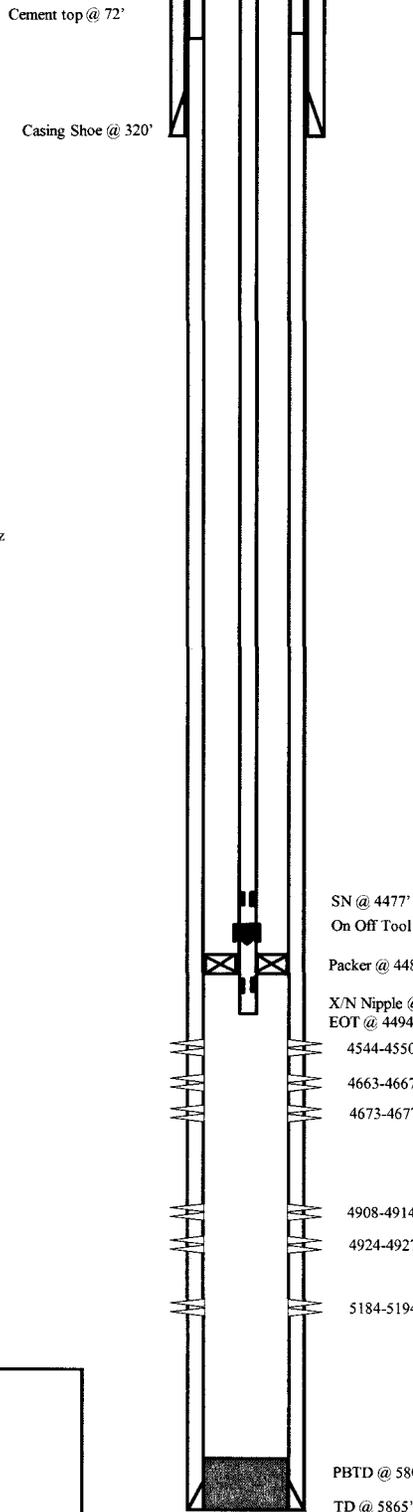
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 140 jts (5791')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5843.37'
 CEMENT DATA: 275 sx Prem. Lite and 400 sx 50/50 poz
 CEMENT TOP AT: 72'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 144 jts (4464.8')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4476.8' KB
 ON/OFF TOOL AT: 4477.9'
 ARROW #1 PACKER CE AT: 4483.1'
 XO 2-3/8 x 2-7/8 J-55 AT: 4487.3'
 TBG PUP 2-3/8 J-55 AT: 4487.7'
 X/N NIPPLE AT: 4491.9'
 TOTAL STRING LENGTH: EOT @ 4493.4'

FRAC JOB

07-07-09 5184-5194' **Frac LODC sands as follows:**
 Frac with 45269# 20/40 sand in 289 bbls of Lightning 17 fluid.
 07-07-09 4908-4927' **Frac A1 sands as follows:**
 Frac with 100700# 20/40 sand in 596 bbls of Lightning 17 fluid.
 07-07-09 4663-4677' **Frac C sands as follows:**
 Frac with 55268# 20/40 sand in 343 bbls of Lightning 17 fluid.
 07-07-09 4544-4550' **Frac D1 sands as follows:**
 14925# 20/40 sand in 244 total bbls of fluid inc Lightning 17 fluid.
 01/22/14 **Convert to Injection Well**
 01/24/14 **Conversion MIT Finalized - update tbg detail**



PERFORATION RECORD

5184-5194'	3 JSPF	30 holes
4924-4927'	3 JSPF	9 holes
4908-4914'	3 JSPF	18 holes
4673-4677'	3 JSPF	12 holes
4663-4667'	3 JSPF	12 holes
4544-4550'	3 JSPF	18 holes

NEWFIELD

Federal 1-30-9-16
 419' FNL & 785' FEL
 NE/NE Section 30-T9S-R16E
 Duchesne Co. Utah
 API # 43-013-33452; Lease # UTU-74391

Federal 2-30-9-16

Spud Date: 6/8/2009
 Put on Production: 7/10/2009
 GL: 6238' KB: 6250'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (269')
 DEPTH LANDED: 317' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx class 'G' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 148 jts (5812')
 DEPTH LANDED: 5862'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 275 sx Prem. Lite and 400 sx 50/50 poz
 CEMENT TOP AT: 54'

TUBING

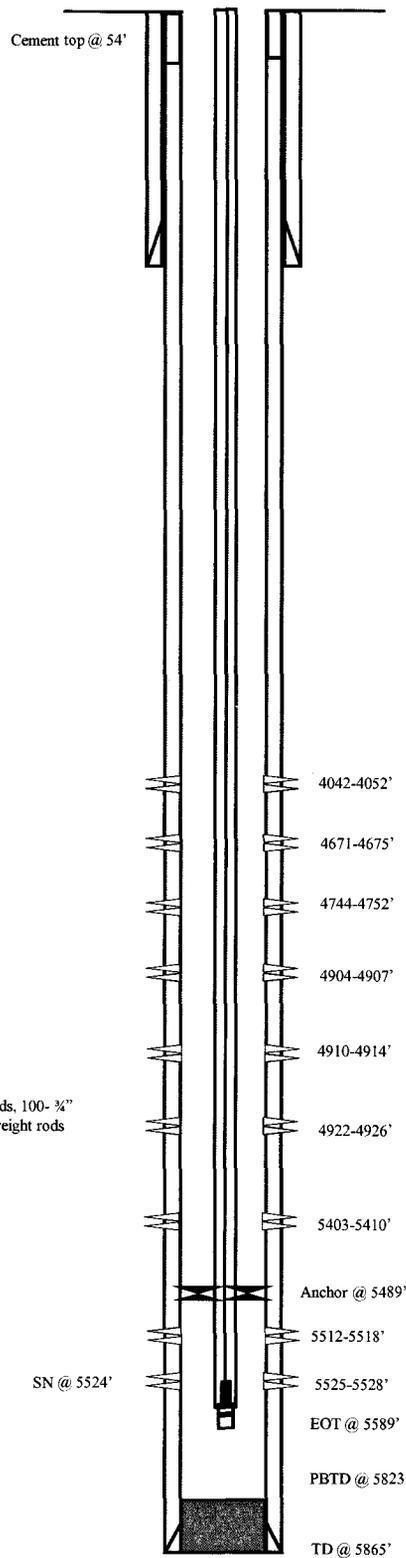
SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 174 jts (5477')
 TUBING ANCHOR: 5489' KB
 NO. OF JOINTS: 1 jt (31.5')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5524' KB
 NO. OF JOINTS: 2 jts (63.3')
 TOTAL STRING LENGTH: EOT @ 5589'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod
 SUCKER RODS: 1-2' x 3/4", 1-4' x 3/4", 1-6' x 3/4" pony rods, 100-3/4" guided rods, 94-3/4" sucker rods, 2-3/4" guided rods, 6-1 1/2" weight rods
 PUMP SIZE: 2 1/2" x 1 1/2" x 20" RHAC
 STROKE LENGTH: 86
 PUMP SPEED - SPM: 5

FRAC JOB

7/10/2009	5512-5528'	Frac CP3 sands as follows: 14,703#s of 20/40 sand in 130 bbls of Lightning 17 fluid.
7/10/2009	5403-5410'	Frac CP1 sands as follows: 20,309#s of 20/40 sand in 169 bbls of Lightning 17 fluid.
7/10/2009	4904-4926'	Frac A1 sands as follows: 25,710#s of 20/40 sand in 209 bbls of Lightning 17 fluid.
7/10/2009	4671-4752'	Frac B.5 & C sands as follows: 125,658#s of 20/40 sand in 758 bbls of Lightning 17 fluid.
7/10/2009	4042-4052'	Frac GB6 sands as follows: 106,827#s of 20/40 sand in 651 bbls of Lightning 17 fluid.



PERFORATION RECORD

5525-5528'	3 JSPF	9 holes
5512-5518'	3 JSPF	18 holes
5403-5410'	3 JSPF	21 holes
4922-4926'	3 JSPF	12 holes
4910-4914'	3 JSPF	12 holes
4904-4907'	3 JSPF	9 holes
4744-4752'	3 JSPF	24 holes
4671-4675'	3 JSPF	12 holes
4042-4052'	3 JSPF	30 holes

NEWFIELD

Federal 2-30-9-16

517' FNL & 2110' FEL NW/NE

Section 30-T9S-R16E

Duchesne Co, Utah

API # 43-013-33453; Lease # UTU-74391

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
 Well Name: **FEDERAL 10-19-9-16**
 Sample Point: **Treater**
 Sample Date: **7/17/2013**
 Sample ID: **WA-248312**

Sales Rep: **Michael McBride**
 Lab Tech: **Gary Winegar**

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:	7/24/2013	Sodium (Na):	8811.49	Chloride (Cl):	13000.00
System Temperature 1 (°F):	120	Potassium (K):	54.00	Sulfate (SO4):	0.00
System Pressure 1 (psig):	60	Magnesium (Mg):	12.00	Bicarbonate (HCO3):	1220.00
System Temperature 2 (°F):	210	Calcium (Ca):	14.00	Carbonate (CO3):	
System Pressure 2 (psig):	60	Strontium (Sr):	9.00	Acetic Acid (CH3COO)	
Calculated Density (g/ml):	1.013	Barium (Ba):	3.00	Propionic Acid (C2H5COO)	
pH:	8.30	Iron (Fe):	2.00	Butanoic Acid (C3H7COO)	
Calculated TDS (mg/L):	23145.18	Zinc (Zn):	0.06	Isobutyric Acid ((CH3)2CHCOO)	
CO2 in Gas (%):		Lead (Pb):	0.17	Fluoride (F):	
Dissolved CO2 (mg/L):	0.00	Ammonia NH3:		Bromine (Br):	
H2S in Gas (%):		Manganese (Mn):	0.20	Silica (SiO2):	19.26
H2S in Water (mg/L):	5.00				

Notes:

B=5.5

(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
210.00	60.00	1.00	10.64	0.00	0.00	2.54	1.10	2.13	1.44	0.00	0.00	0.00	0.00	0.00	0.00	7.74	0.03
200.00	60.00	0.96	10.44	0.00	0.00	2.53	1.10	2.09	1.44	0.00	0.00	0.00	0.00	0.00	0.00	7.83	0.03
190.00	60.00	0.91	10.24	0.00	0.00	2.53	1.10	2.04	1.44	0.00	0.00	0.00	0.00	0.00	0.00	7.92	0.03
180.00	60.00	0.87	10.02	0.00	0.00	2.53	1.10	2.00	1.44	0.00	0.00	0.00	0.00	0.00	0.00	8.02	0.03
170.00	60.00	0.83	9.80	0.00	0.00	2.53	1.10	1.95	1.44	0.00	0.00	0.00	0.00	0.00	0.00	8.13	0.03
160.00	60.00	0.79	9.56	0.00	0.00	2.55	1.10	1.91	1.44	0.00	0.00	0.00	0.00	0.00	0.00	8.25	0.03
150.00	60.00	0.75	9.32	0.00	0.00	2.56	1.10	1.86	1.43	0.00	0.00	0.00	0.00	0.00	0.00	8.37	0.03
140.00	60.00	0.72	9.07	0.00	0.00	2.59	1.10	1.81	1.43	0.00	0.00	0.00	0.00	0.00	0.00	8.50	0.03
130.00	60.00	0.68	8.82	0.00	0.00	2.62	1.10	1.76	1.43	0.00	0.00	0.00	0.00	0.00	0.00	8.64	0.03
120.00	60.00	0.65	8.57	0.00	0.00	2.66	1.10	1.70	1.42	0.00	0.00	0.00	0.00	0.00	0.00	8.79	0.03

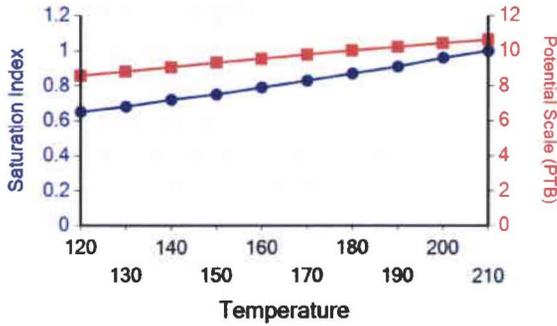
Water Analysis Report

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
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.03	9.26	0.07	5.00	18.70	2.02	9.00	9.09	1.55
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.03	9.41	0.07	4.61	17.73	1.79	8.28	8.83	1.55
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.02	9.58	0.07	4.21	16.63	1.56	7.47	8.56	1.55
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.02	9.75	0.07	3.81	15.40	1.33	6.58	8.29	1.55
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.02	9.94	0.07	3.41	14.07	1.10	5.63	8.02	1.55
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.01	10.14	0.07	3.00	12.64	0.86	4.60	7.75	1.55
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.01	10.35	0.07	2.58	11.12	0.63	3.53	7.48	1.55
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.57	0.07	2.17	9.54	0.40	2.41	7.22	1.55
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.80	0.07	1.75	7.89	0.17	1.25	6.95	1.55
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.05	0.07	1.33	6.18	0.00	0.00	6.70	1.55

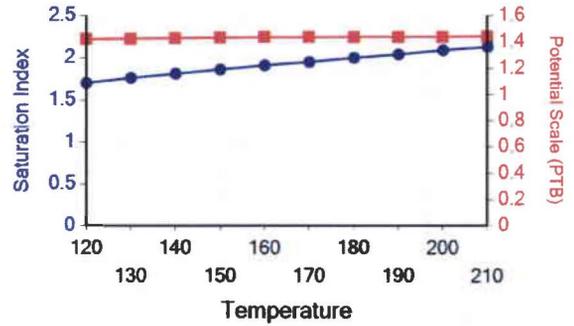
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide Mg Silicate Ca Mg Silicate Fe Silicate

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

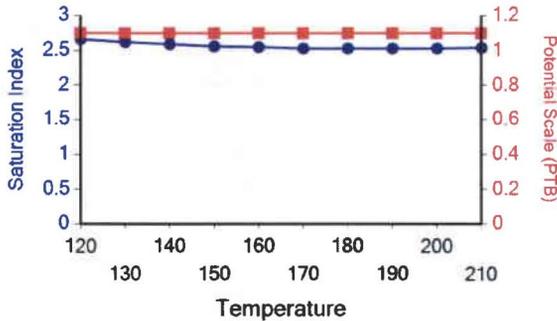
Calcium Carbonate



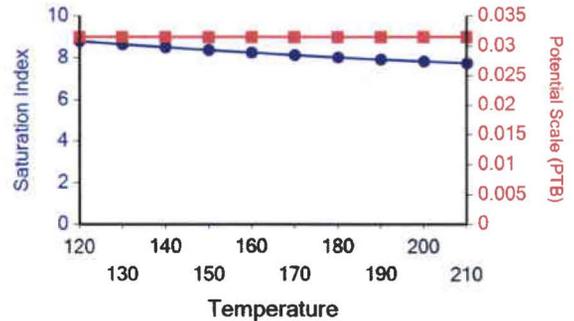
Iron Carbonate



Iron Sulfide

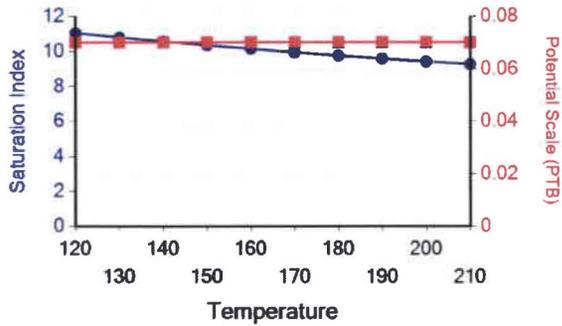


Zinc Sulfide

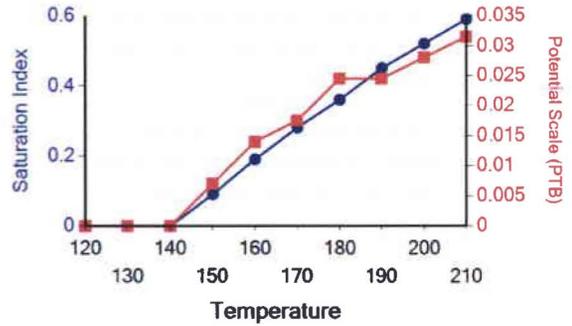


Water Analysis Report

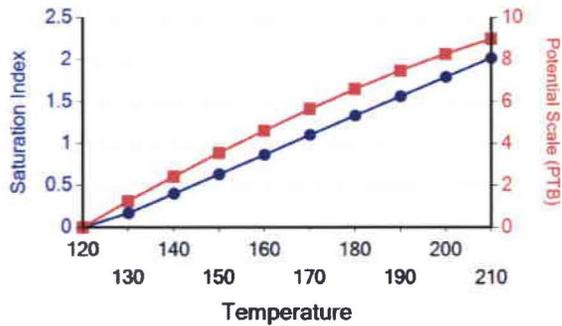
Lead Sulfide



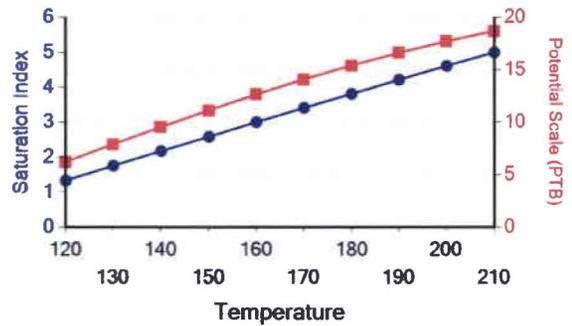
Zinc Carbonate



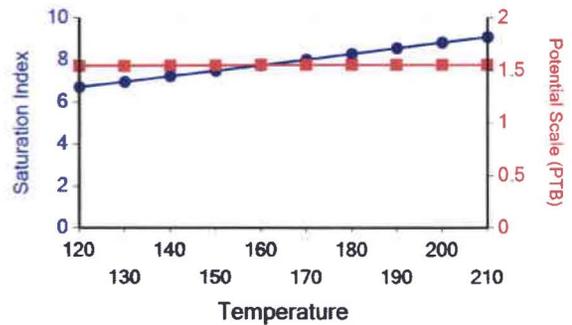
Ca Mg Silicate



Mg Silicate



Fe Silicate



Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
 Well Name: **WELLS DRAW INJ FACILITY**
 Sample Point: **Commingled After Filter**
 Sample Date: **11/18/2013**
 Sample ID: **WA-259493**

Sales Rep: **Jacob Bird**
 Lab Tech: **Gary Winegar**

Scaling potential predicted using ScaleSoftPitzer from
 Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	11/26/2013	<i>Cations</i>		<i>Anions</i>	
System Temperature 1 (°F):	120	<i>mg/L</i>		<i>mg/L</i>	
System Pressure 1 (psig):	2000	Sodium (Na):	141.00	Chloride (Cl):	1000.00
System Temperature 2 (°F):	210	Potassium (K):	39.00	Sulfate (SO ₄):	41.00
System Pressure 2 (psig):	2000	Magnesium (Mg):	24.00	Bicarbonate (HCO ₃):	1122.00
Calculated Density (g/ml):	0.999	Calcium (Ca):	41.00	Carbonate (CO ₃):	
pH:	6.50	Strontium (Sr):	0.70	Acetic Acid (CH ₃ COO)	
Calculated TDS (mg/L):	2413.76	Barium (Ba):	0.00	Propionic Acid (C ₂ H ₅ COO)	
CO ₂ in Gas (%):		Iron (Fe):	0.11	Butanoic Acid (C ₃ H ₇ COO)	
Dissolved CO ₂ (mg/L):	24.00	Zinc (Zn):	0.03	Isobutyric Acid ((CH ₃) ₂ CHCOO)	
H ₂ S in Gas (%):		Lead (Pb):	0.00	Fluoride (F):	
H ₂ S in Water (mg/L):	0.00	Ammonia NH ₃ :		Bromine (Br):	
		Manganese (Mn):	0.00	Silica (SiO ₂):	4.92

Notes:

B=4 AI=18 LI=0

(PTB = Pounds per Thousand Barrels)

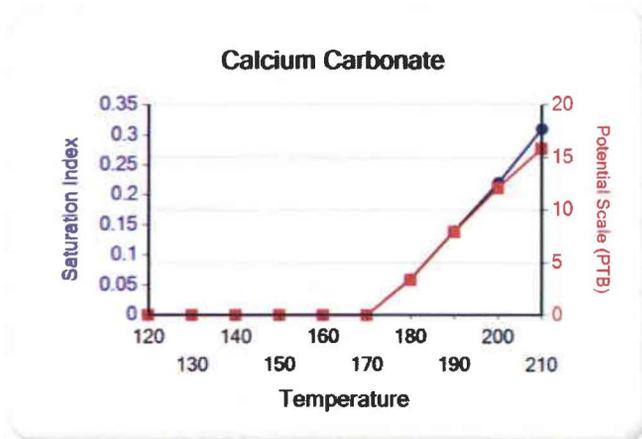
Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ ·2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	2000.00	0.31	15.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	2000.00	0.22	12.10	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
190.00	2000.00	0.14	7.94	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
180.00	2000.00	0.06	3.37	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
170.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Water Analysis Report

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
210.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

These scales have positive scaling potential under final temperature and pressure:



Attachment "G"

**Federal #10-19-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5828	5838	5833	2409	0.85	2371
5558	5570	5564	2282	0.84	2246
5446	5456	5451	2179	0.83	2144
4546	4561	4554	2037	0.88	2007
				Minimum	<u>2007</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 Activity Report

Format For Sundry

FEDERAL 10-19-9-16

10/1/2007 To 2/29/2008

12/6/2007 Day: 1**Completion**

Rigless on 12/5/2007 - 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 @ 5844' & cement top @ 127'. Perforate stage #1. BS sds @ 5828-38' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 40 shots. 139 BWTR. SIFN.

12/13/2007 Day: 2**Completion**

Rigless on 12/12/2007 -

12/14/2007 Day: 3**Completion**

Rigless on 12/13/2007 - MIRU Leed #712.

12/15/2007 Day: 4**Completion**

Leed #712 on 12/14/2007 - Thaw wellhead. ND Cameron BOP & 5m frac head. NU 3m production head & Schafer BOP. RIH w/ 4 3/4" chomp bit, bit sub & 120 jts new 2 7/8" tbg. from pipe rack (tallying & drifting). RU pump & lines. Circulate well clean. SWIFN w/ EOT @ 3910'.

12/18/2007 Day: 5**Completion**

Leed #712 on 12/17/2007 - Thaw well. Cont. RIH w/ tbg. Tag CBP @ 4700'. RU powerswivel. DU CBP in 50 min. Cont. RIH w/ tbg. Tag CBP @ 5520'. DU CBP in 95 min. Cont. RIH w/ tbg. Tag @ 5620'. C/O to CBP @ 5670'. DU CBP in 45 min. Cont. RIH w/ tbg. Tag @ 5848'. C/O to PBTD @ 5872'. Circulate well clean. Pull up to 5810'. RIH w/ swab. SFL @ surface. Made 1 run. Recovered 10 bbls. EFL @ 100'. SWIFN.

12/19/2007 Day: 6**Completion**

Leed #712 on 12/18/2007 - Cont. swabbing. SFL @ surface. Made 14 runs. Recovered 180 bbls. No show of sand. Ending oil cut @ approx. 10%. EFL @ 1800'. RD swab. RIH w/ tbg. Tag PBTD @ 5872'. Circulate well clean. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" bull plug, 3 jts 2 7/8" tbg., 2 7/8" nipple, PBGA, 1 jt 2 7/8" tbg., PSN, 3 jts 2 7/8" tbg., 2 7/8" TAC, 28 jts 2 7/8" tbg. SWIFN.

12/20/2007 Day: 7**Completion**

Leed #712 on 12/19/2007 - Cont. RIH w/ production. ND BOP. Set TAC @ 5521' w/ 15,000# tension. NU wellhead. X-over for rods. Flush tbg. w/ 60 bbls water. RIH w/ CDI 2 1/2" x 1 1/2" x 14' x 16' RHAC pump, 6- 1 1/2" weight bars, 20- 3/4" scraped rods, 97- 3/4" slick rods, 100- 3/4" guided rods, 1- 4' x 3/4" pony sub, 1 1/2" x 26' polished rod. Seat pump. Fill tbg. w/ 10 bbls water. Stroke test to 800 psi. RU pumping unit. Hang off rods. Adjust tag. RD. Could not put well on due to surface equipment problems. SWIFN.

Pertinent Files: Go to File List

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4496'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 146' 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 14 sx 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 360'

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

Spud Date: 9/27/2007
 Put on Production: 1/9/2008
 GL:6181' KB:6193'

Federal 10-19-9-16

Initial Production: BOPD, MCFD, BWPD

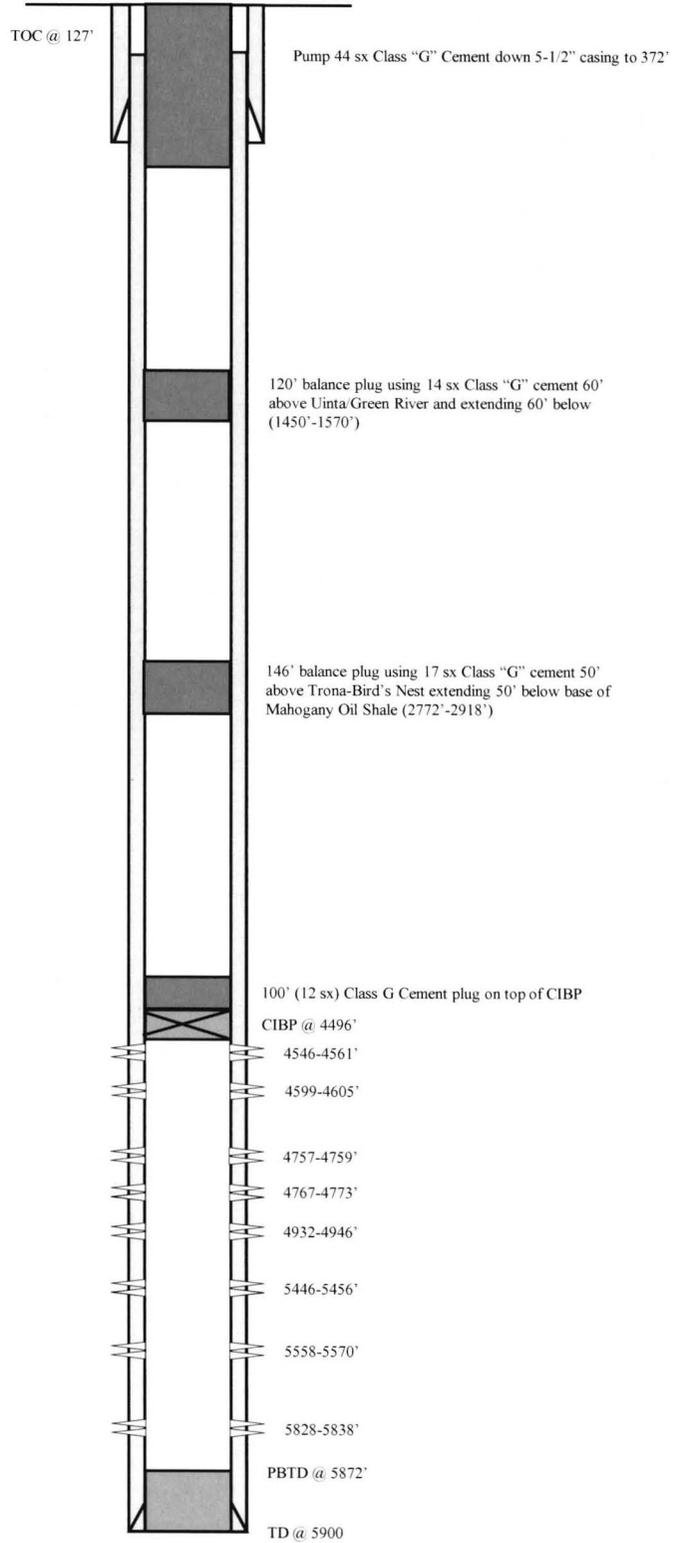
Proposed P&A
 Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7jts (311.69')
 DEPTH LANDED: 321.69'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160sxs of class 'G' cement, circ 2 bbls to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 152jts (5894.79')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5883.99'
 CEMENT DATA: 300sxs of Primplite II & 400sxs of 50/50 poz
 CEMENT TOP AT: 127' per CBL 12/5/07



NEWFIELD

Federal 10-19-9-16
 1890' FSL & 2146' FEL
 NW/SE Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33159; Lease #UTU-74391