

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 10-20-9-16

9. API Well No.
43-013-33108

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
NW/SE Sec. 20, 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 2041' FSL 1892' FEL 573411X 40.014770
At proposed prod. zone 4429541Y -110.139828

14. Distance in miles and direction from nearest town or post office*
Approximatley 14.7 miles southwest of Myton, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 599' flse, NA' f/unit
2139.50

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. 1133'

19. Proposed Depth
5925'

20. BLM/BIA Bond No. on file
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
6105' GL

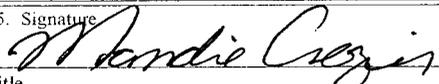
22. Approximate date work will start*
2nd Quarter 2006

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

24. Attachments

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

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

25. Signature  Name (Printed/Typed) Mandie Crozier Date 3/21/06
Title Regulatory Specialist

Approved by  Name (Printed/Typed) BRADLEY G. HILL Date 03-27-06
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)

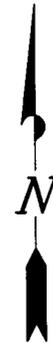
**Federal Approval of this
Action is Necessary**

MAR 23 2006

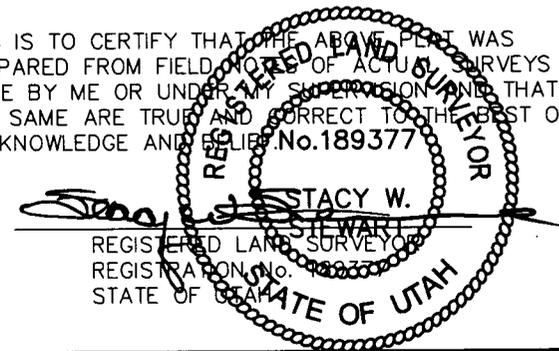
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 10-20-9-16,
 LOCATED AS SHOWN IN THE NW 1/4 SE
 1/4 OF SECTION 20, T9S, R16E,
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



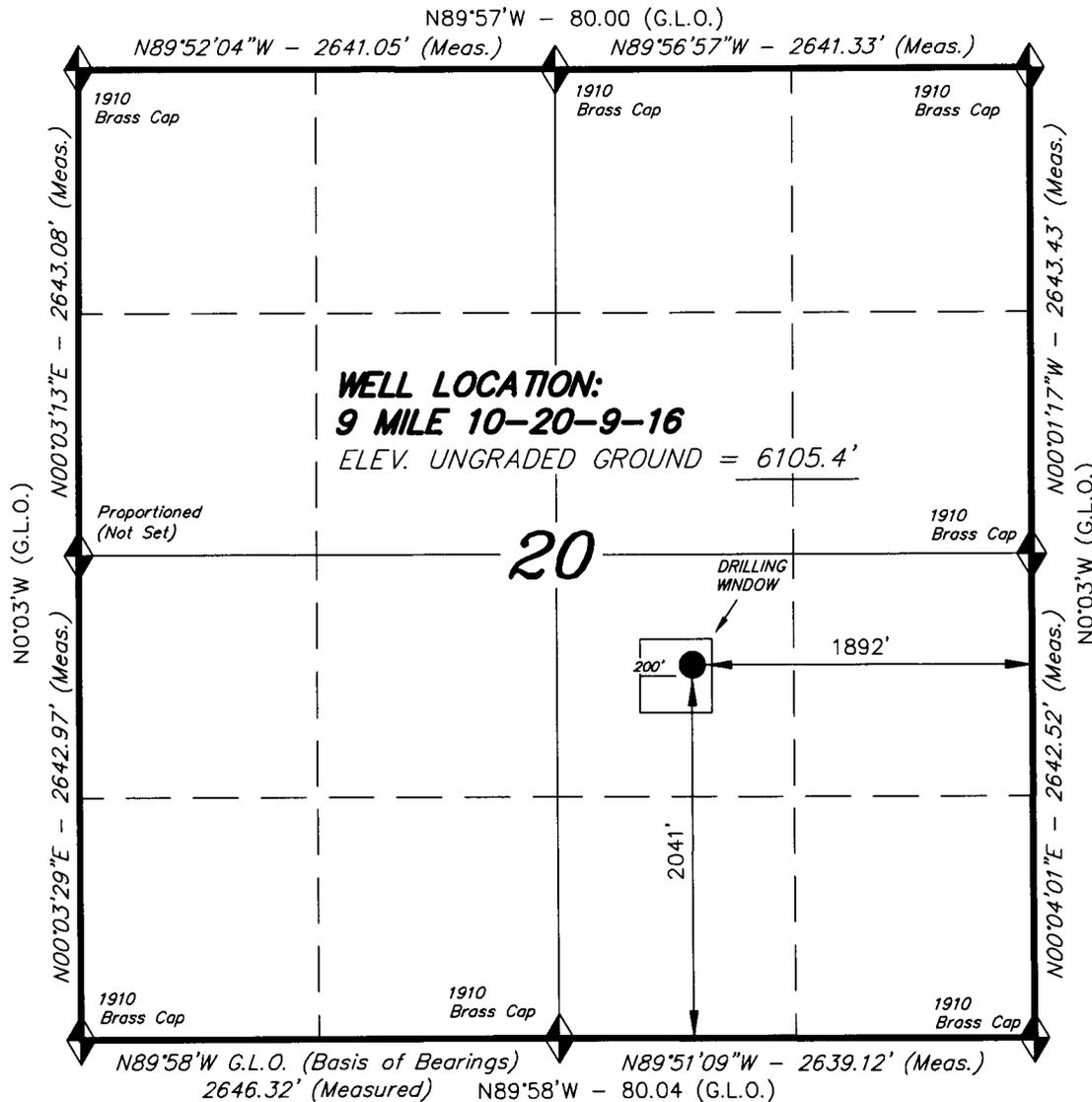
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
 PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
 MADE BY ME OR UNDER MY SUPERVISION AND THAT
 THE SAME ARE TRUE AND CORRECT TO THE BEST OF
 MY KNOWLEDGE AND BELIEF. No. 189377



TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 03-09-06	SURVEYED BY: C.M.
DATE DRAWN: 03-14-06	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'



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

9 MILE 10-20-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 00' 53.00"
 LONGITUDE = 110° 08' 25.89"

NEWFIELD



March 21, 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 7-20-9-16, 8-20-9-16, 10-20-9-16,
16-20-9-16, and 10-21-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed Federal 16-20-9-16
location is an Exception Location. Our Land Department will send you the required
Exception Location Letter. If you have any questions, feel free to give either Shon
Mckinnon or myself a call.

Sincerely

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

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED

MAR 23 2006

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
FEDERAL #10-20-9-16
NW/SE SECTION 20, 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' – 2330'
Green River	2330'
Wasatch	5925'

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

Green River Formation 2330' – 5925' - 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 #10-20-9-16
NW/SE SECTION 20, 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 #10-20-9-16 located in the NW 1/4 SE 1/4 Section 20, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 10.9 miles \pm to its junction with an existing road to the southeast; proceed southeasterly - 2.2 miles \pm to its junction with the beginning of the proposed access road to the northeast; proceed northeasterly along the proposed access road - 450' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

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

For the Federal #10-20-9-16 Newfield Production Company requests 450' 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 for this location. 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 450' of disturbed area be granted in Lease UTU-74391 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 6" gas gathering line, and a buried 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

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)

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

Details of the On-Site Inspection

The proposed Federal #10-20-9-16 was on-sited on 1/25/06. The following were present; Shon Mckinnon (Newfeild Production), Melissa Hawk (Bureau of Land Management), Chris Carusona (Bureau of Land Management), Todd MaGrath (Bureau of Land Management), Brandon McDonald (Bureau of Landmanagement), and a SWCA Representative. Weather conditions were clear and ground cover was 50% open.

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

Representative

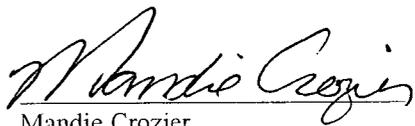
Name: Shon Mckinnon
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #10-20-9-16 NW/SE Section 20, 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 Hartford Accident #4488944.

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

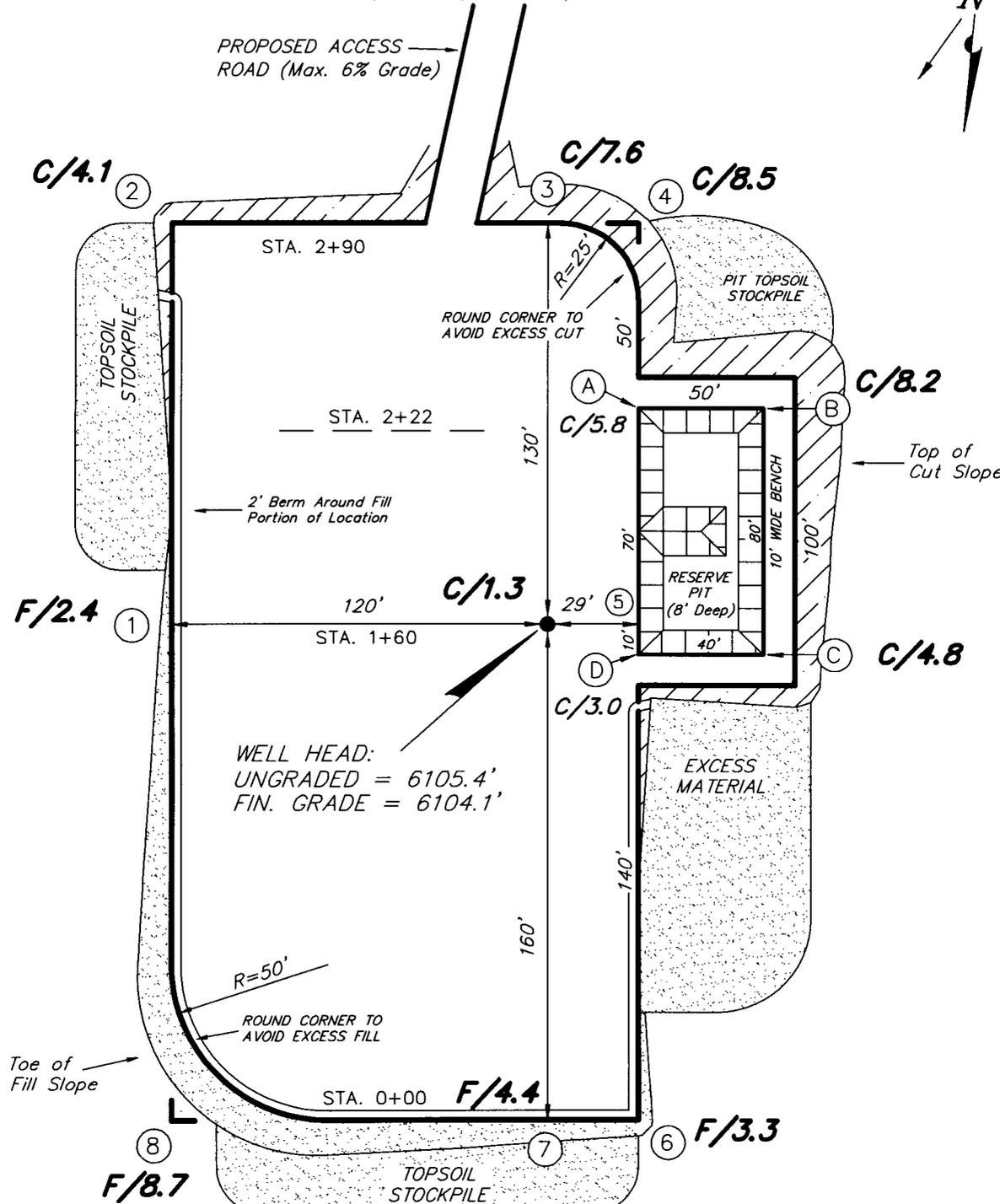
3/21/06
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 10-20-9-16

Section 20, T9S, R16E, S.L.B.&M.



WELL HEAD:
 UNGRADED = 6105.4'
 FIN. GRADE = 6104.1'

REFERENCE POINTS

- 170' EASTERLY = 6101.2'
- 220' EASTERLY = 6099.6'
- 210' NORTHERLY = 6097.7'
- 260' NORTHERLY = 6095.6'

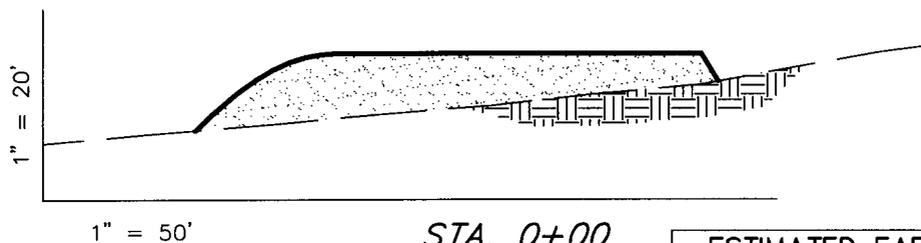
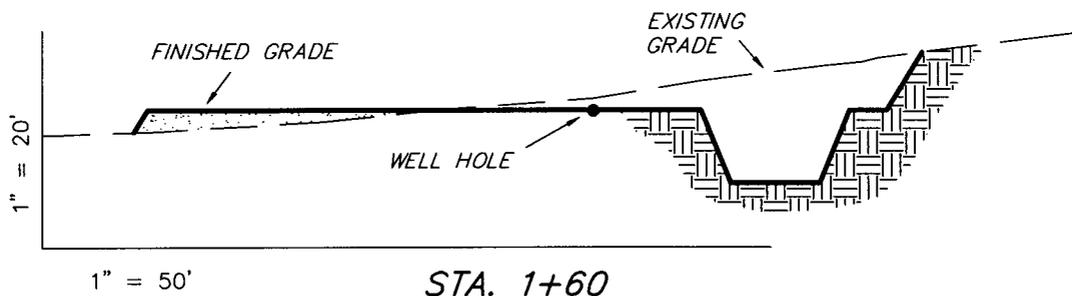
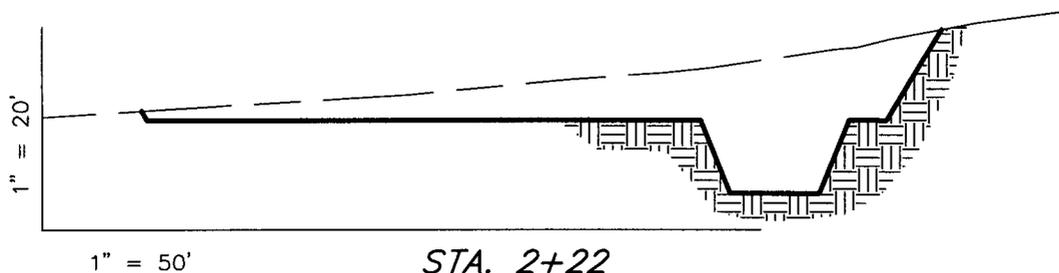
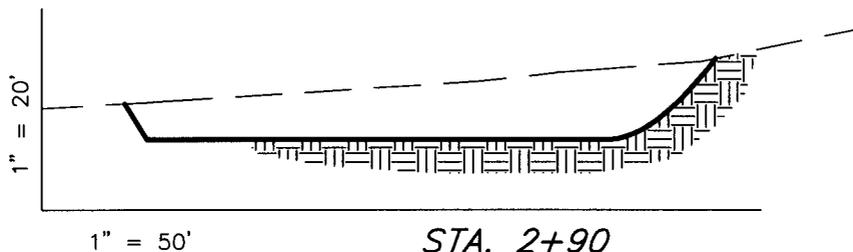
SURVEYED BY: C.M.	SCALE: 1" = 50'
DRAWN BY: F.T.M.	DATE: 03-14-06

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

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 10-20-9-16



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	3,480	3,480	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	4,120	3,480	1,020	640

SURVEYED BY: C.M.

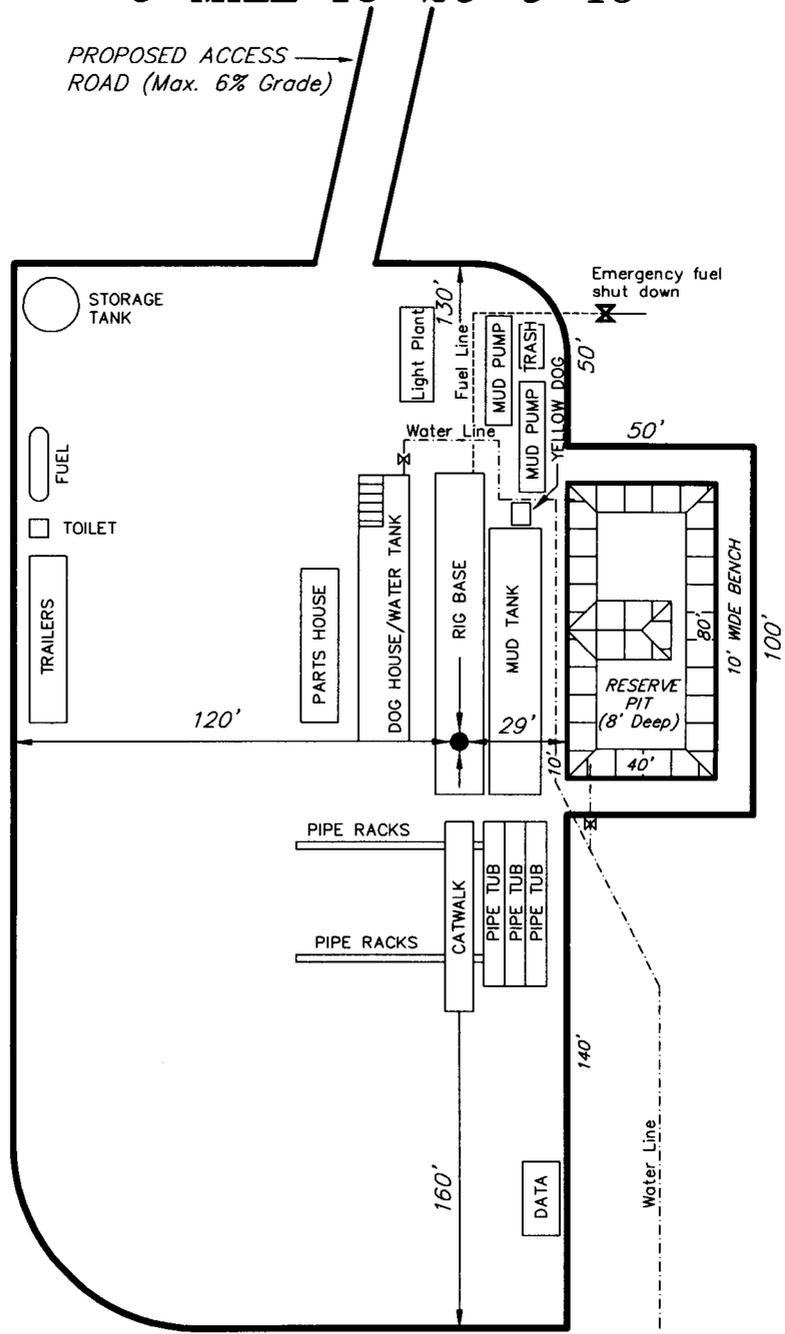
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DRAWN BY: F.T.M.

DATE: 03-14-06

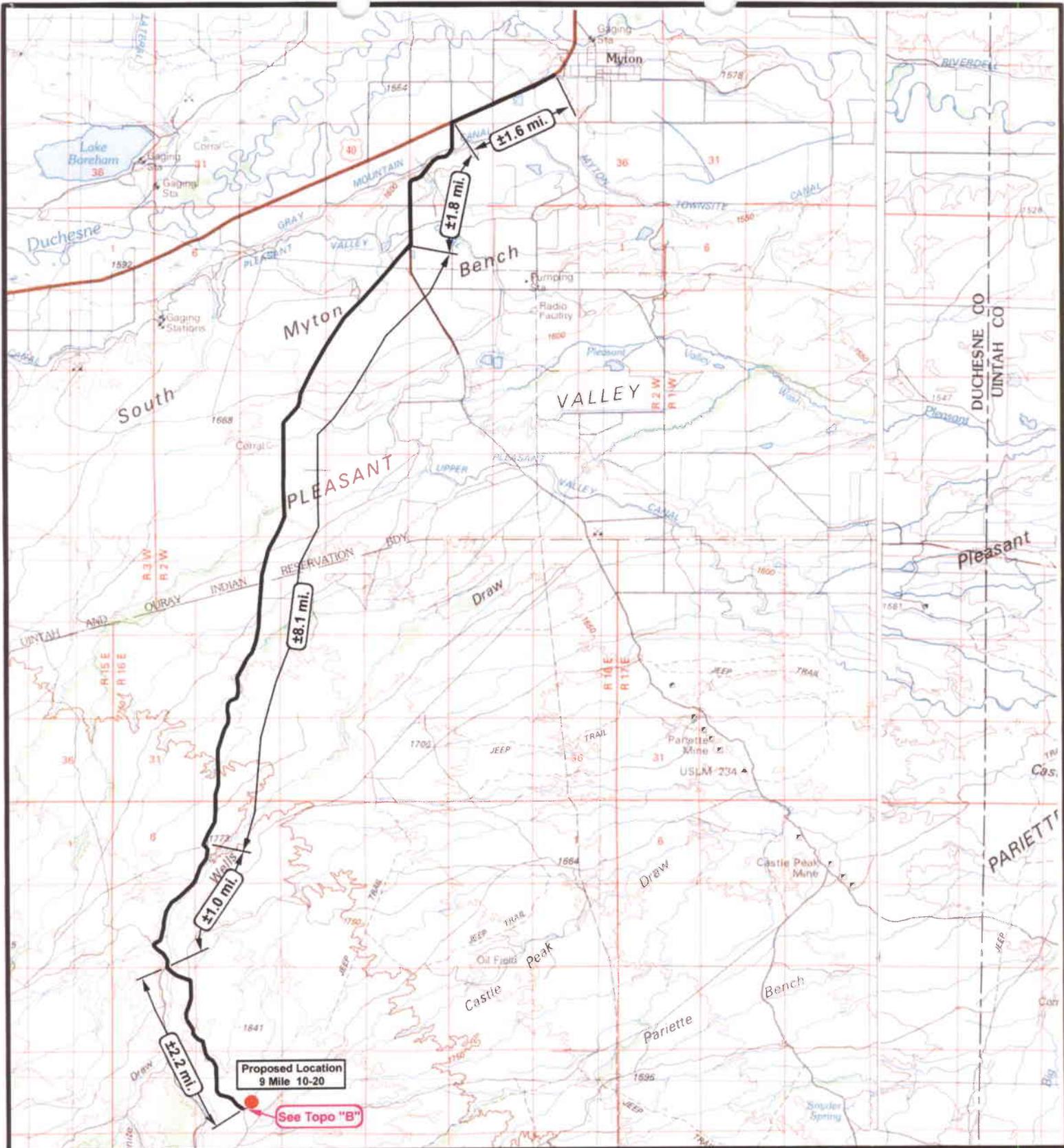
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(435) 781-2501

NEWFIELD PRODUCTION COMPANY
TYPICAL RIG LAYOUT
9 MILE 10-20-9-16



SURVEYED BY: C.M.	SCALE: 1" = 50'
DRAWN BY: F.T.M.	DATE: 03-14-06

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



NEWFIELD
Exploration Company

9 Mile 10-20-9-16
SEC. 20, T9S, R16E, S.L.B.&M.



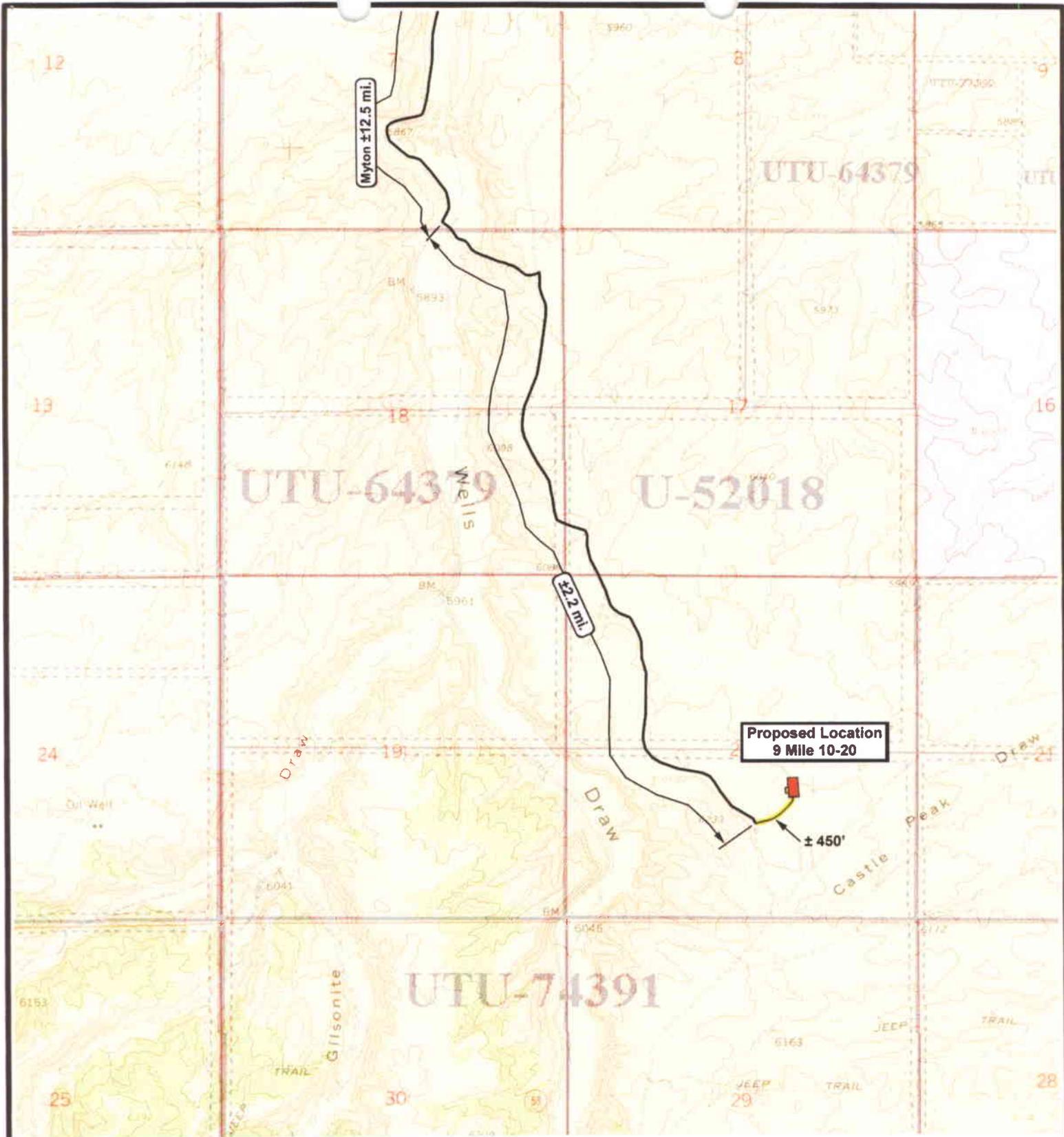
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 03-14-2006

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP
"A"



NEWFIELD
Exploration Company

9 Mile 10-20-9-16
SEC. 20, T9S, R16E, S.L.B.&M.



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Land Surveying Inc.
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180 North Vernal Ave. Vernal, Utah 84078

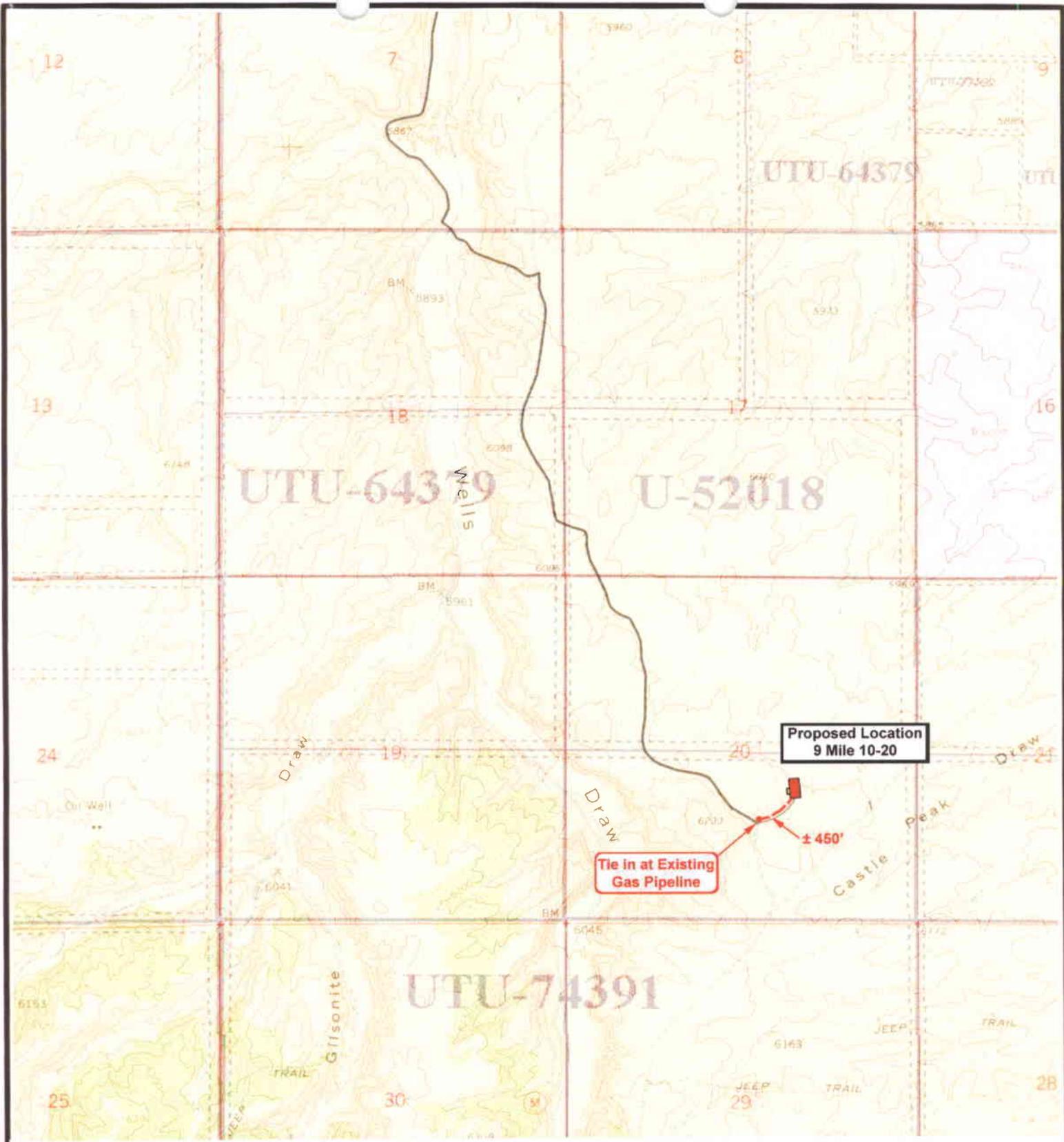
SCALE: 1" = 2000'
DRAWN BY: mw
DATE: 03-14-2006

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

"B"



 **NEWFIELD**
Exploration Company

9 Mile 10-20-9-16
SEC. 20, T9S, R16E, S.L.B.&M.



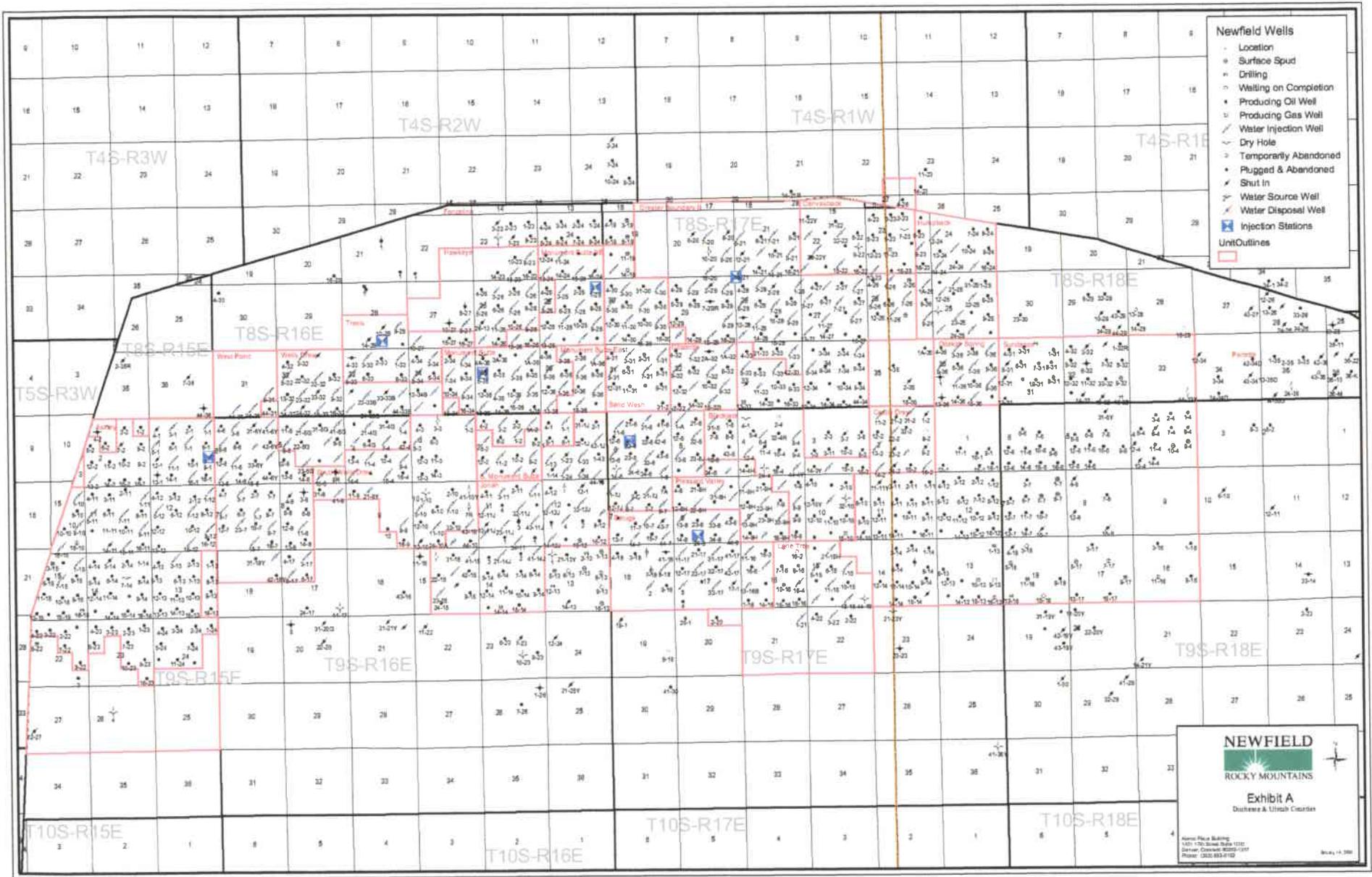

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180 North Vernal Ave. Vernal, Utah 84078

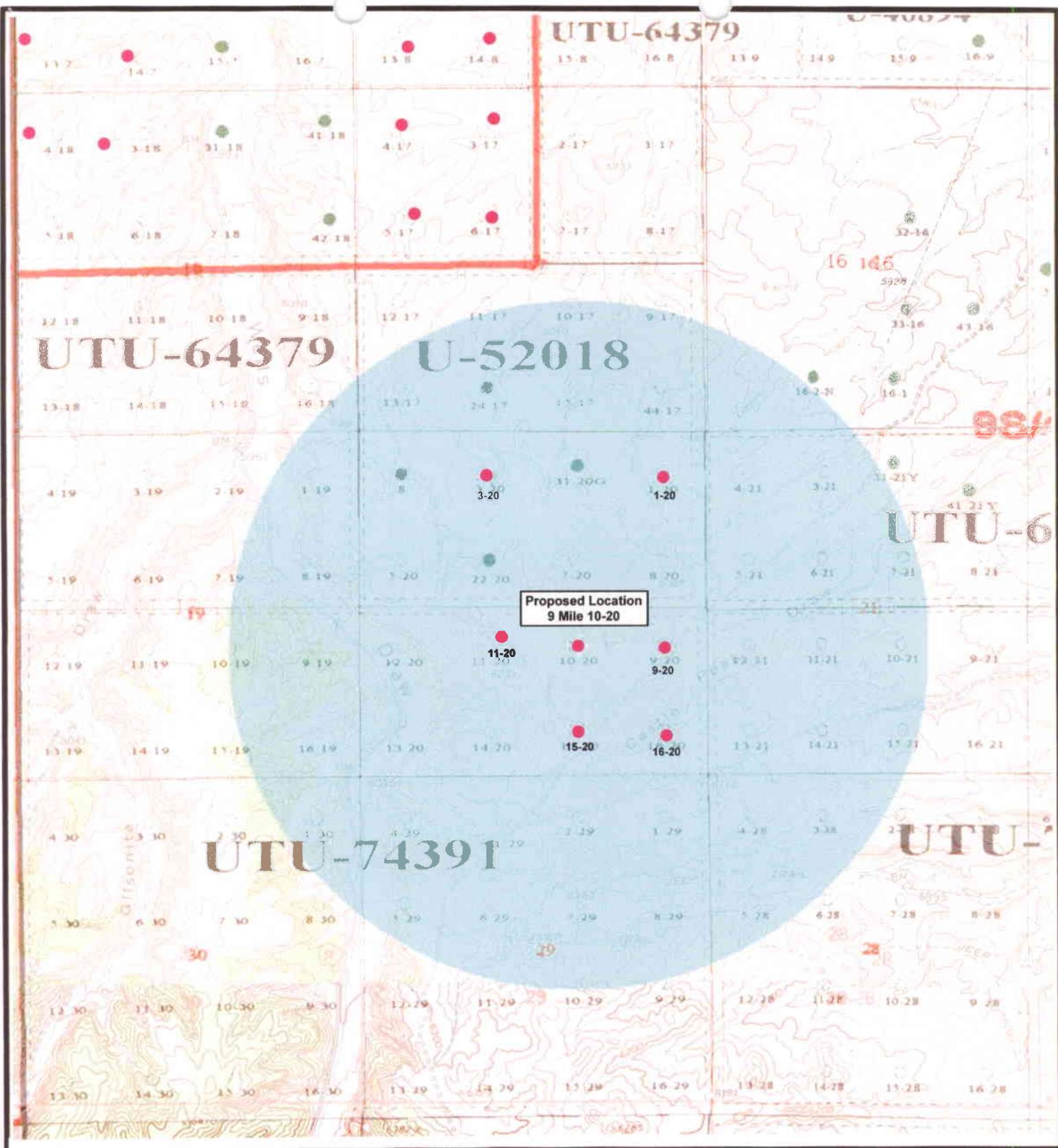
SCALE: 1" = 2000'
DRAWN BY: mw
DATE: 03-14-2006

Legend

-  Roads
-  Proposed Gas Line

TOPOGRAPHIC MAP
"C"





 **NEWFIELD**
Exploration Company

9 Mile 10-20-9-16
SEC. 20, 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: 03-14-2006

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

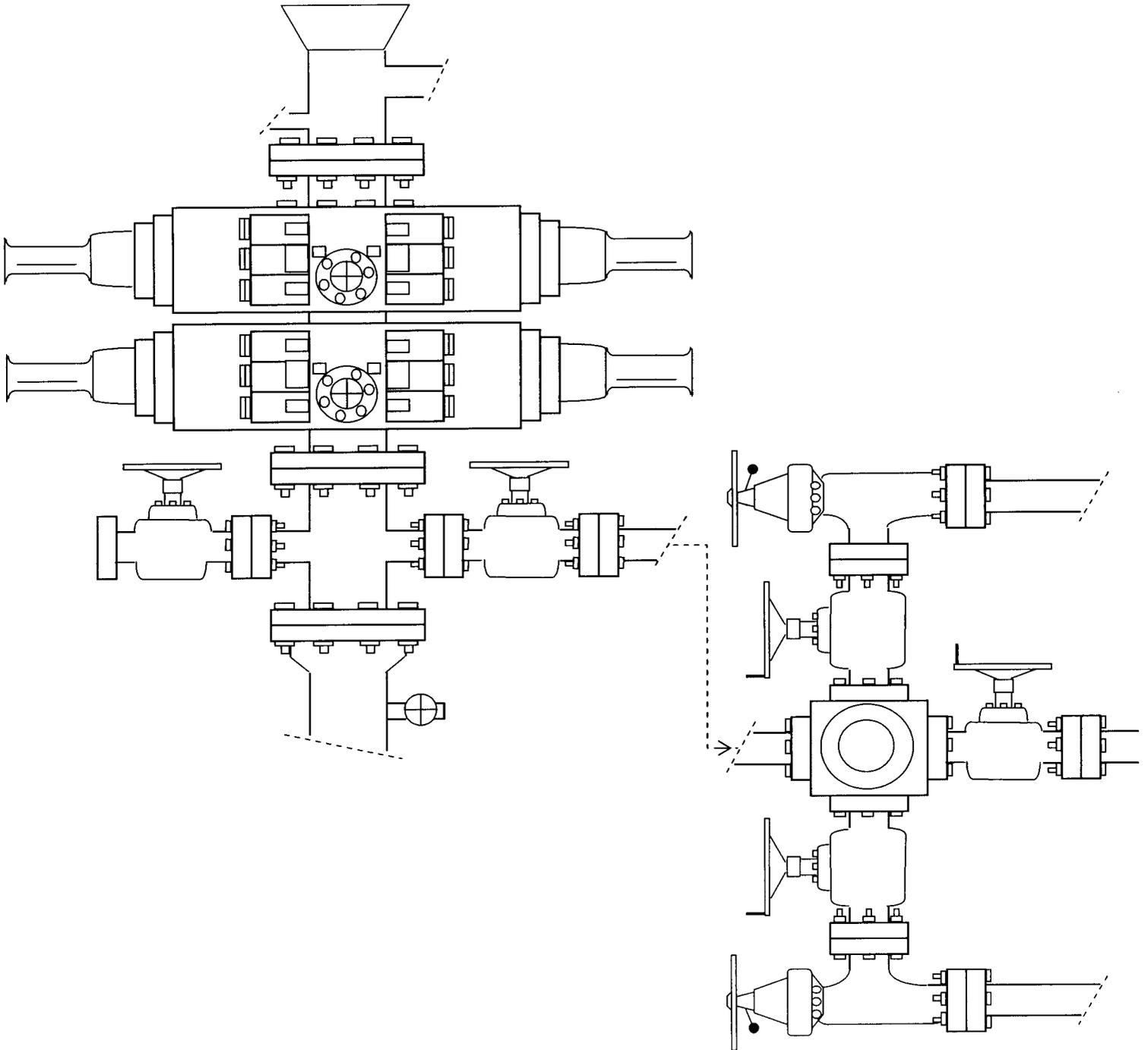


EXHIBIT C

Exhibit "D"
Page 1 of 2

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

By:

Shari Maria Silverman

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

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

Prepared By:

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

MOAC Report No. 05-225

July 13, 2005

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

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

NEWFIELD PRODUCTION COMPANY

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

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

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
November 10, 2005

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 03/23/2006

API NO. ASSIGNED: 43-013-33108

WELL NAME: FEDERAL 10-20-9-16
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWSE 20 090S 160E
 SURFACE: 2041 FSL 1892 FEL
 BOTTOM: 2041 FSL 1892 FEL
 COUNTY: DUCHESNE
 LATITUDE: 40.01477 LONGITUDE: -110.1398
 UTM SURF EASTINGS: 573411 NORTHINGS: 4429541
 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:

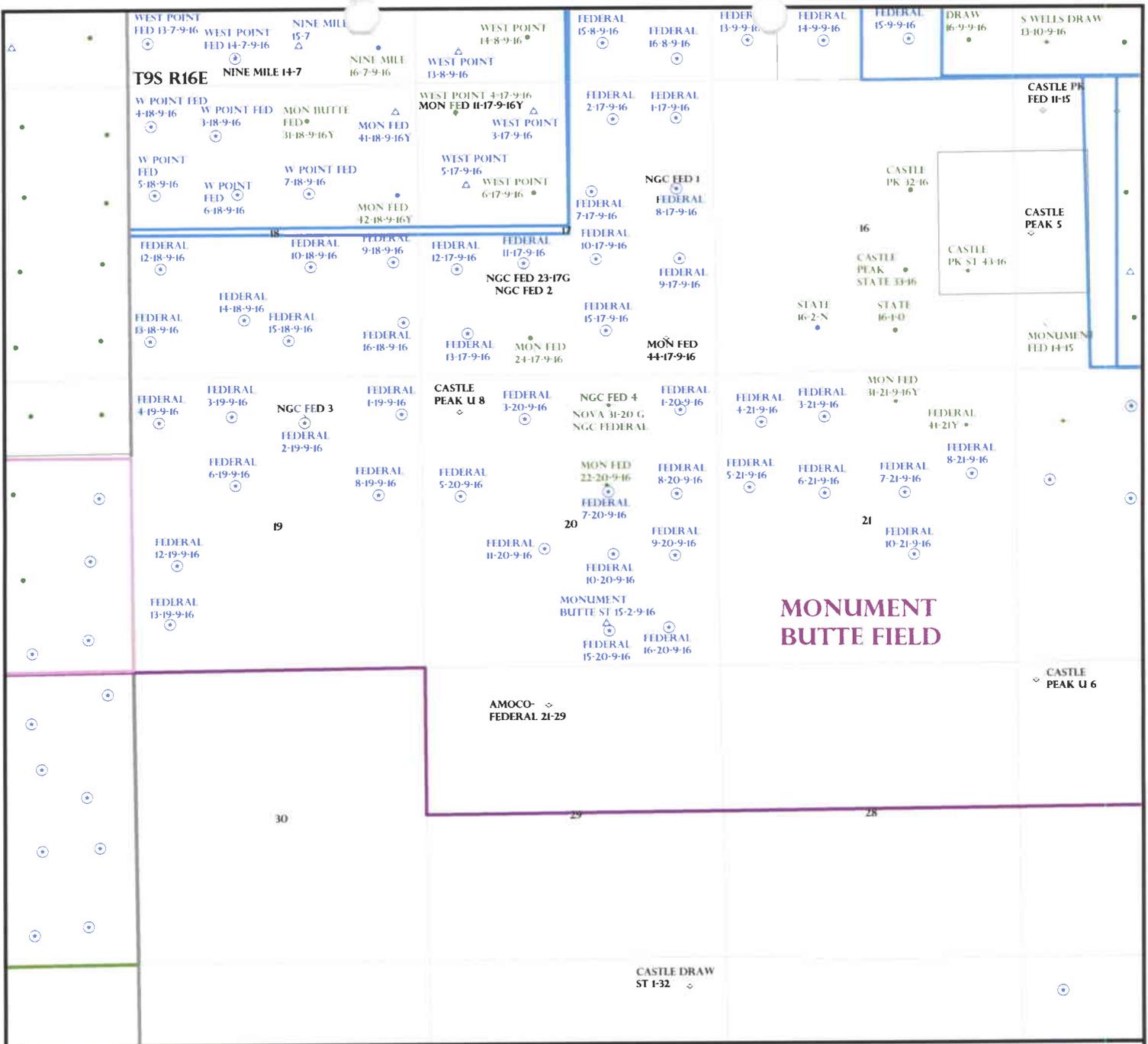
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. MUNICIPAL)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

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: Sep. Separate files

STIPULATIONS: 1- Indent Approval
2- Spacing Slip



MONUMENT BUTTE FIELD

OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 19,20,21 T. 9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

Field Status

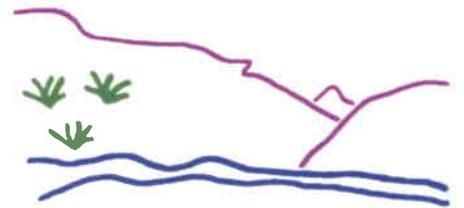
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

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

Wells Status

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



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 24-MARCH-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

March 27, 2006

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

Re: Federal 10-20-9-16 Well, 2041' FSL, 1892' FEL, NW SE, Sec. 20, 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 43-013-33108.

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 10-20-9-16
API Number: 43-013-33108
Lease: UTU-74391

Location: NW SE **Sec.** 20 **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

MAR 24 2006

CLINTON, UTAH

Form 3160-3
(September 2001)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-74391
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 10-20-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SE 2041' FSL 1892' FEL At proposed prod. zone		9. API Well No. 43 013 33108
14. Distance in miles and direction from nearest town or post office* Approximatley 14.7 miles southwest of Myton, Utah		10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 599' f/lease, NA' f/unit	16. No. of Acres in lease 2139.50	11. Sec., T., R., M., or Blk. and Survey or Area NW/SE Sec. 20, T9S R16E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1133'	17. Spacing Unit dedicated to this well 40 Acres	12. County or Parish Duchesne
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6105' GL	19. Proposed Depth 5925'	13. State UT
22. Approximate date work will start* 2nd Quarter 2006		20. BLM/BIA Bond No. on file UTB000192
23. Estimated duration Approximately seven (7) days from spud to rig release.		

24. Attachments

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

- 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 3/21/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) Terry Kenner	Date 2-8-2007
Title Assistant Field Manager Lands & Mineral Resources	Office	

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

CONDITIONS OF APPROVAL ATTACHED

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

*(Instructions on reverse)

NOTICE OF APPROVAL

RECEIVED
JAN 14 2007

DIV. OF OIL, GAS & MINING

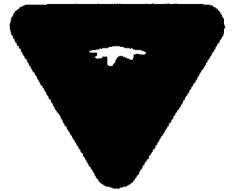


07BM4703A



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 20, T9S, R16E
Well No: Federal 10-20-9-16 **Lease No:** UTU-74391
API No: 43-013-33108 **Agreement:** N/A

Petroleum Engineer:	Ryan Angus	Office: 435-781-4430	Cell: 435-828-
Petroleum Engineer:	James Ashley	Office: 435-781-4470	Cell: 435-828-7874
Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
NRS/Environmental Scientist:	Scott Ackerman	Office: 435-781-4437	
NRS/Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
NRS/Environmental Scientist:	Jannice Cutler	Office: 435-781-3400	
NRS/Environmental Scientist:	Michael Cutler	Office: 435-781-3401	
NRS/Environmental Scientist:	Anna Figueroa	Office: 435-781-3407	
NRS/Environmental Scientist:	Melissa Hawk	Office: 435-781-4476	
NRS/Environmental Scientist:	Chuck Macdonald	Office: 435-781-4441	
NRS/Environmental Scientist:	Nathan Packer	Office: 435-781-3405	
NRS/Environmental Scientist:	Verlyn Pindell	Office: 435-781-3402	
NRS/Environmental Scientist:	Holly Villa	Office: 435-781-4404	
NRS/Environmental Scientist:	Darren Williams	Office: 435-781-4447	
NRS/Environmental Scientist:	Karl Wright	Office: 435-781-4484	
After Hours Contact Number:	435-781-4513	Fax: 435-781-4410	

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

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

NOTIFICATION REQUIREMENTS

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

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

STIPULATIONS:

Lands in this lease have been identified as containing Golden eagle and Ferruginous hawk habitat. Modifications to the Surface Use Plan of Operations may be required in order to protect the Golden eagle and Ferruginous hawk and/or habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

CONDITIONS OF APPROVAL:

1. All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
2. All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
3. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
4. The access road will be crowned and ditched. Flat-bladed roads are not allowed.
5. 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.
6. Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
7. Pipelines will be buried at all major drainage crossings.
8. Prevent fill and stock piles from entering drainages.
9. The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
10. 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.
11. When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
12. 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.
13. 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.

14. The interim seed mix for this location shall be:
- | | |
|--|------------|
| Indian Ricegrass (<i>Oryzopsis hymenoides</i>) | 4 lbs/acre |
| Needle and Threadgrass (<i>Stipa comata</i>): | 4 lbs/acre |
| Scarlet Globemallow (<i>Sphaeralcea coccinea</i>): | 1 lb/acre |
| Winter Fat (<i>Ceratoides lanata</i>) | 3 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.

15. The operator will be responsible for treatment and control of invasive and noxious weeds.
16. 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 re-contoured and the topsoil re-spread, and the area shall be seeded in the same manner as the location topsoil.
17. Once the location is plugged and abandoned, it shall be re-contoured to natural topology, topsoil shall be re-spread, 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.
18. 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.
19. 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.
20. All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
21. 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.
22. Notify the Authorized Officer 48 hours prior to surface disturbing activities.

1. *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. None

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.

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 & gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to a geologist of the Vernal Field Office in writing within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
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 surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

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

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	N/A
8. Well Name and No.	FEDERAL 10-20-9-16
9. API Well No.	43-013-33108
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)
2041 FSL 1892 FEL NW/SE Section 20, 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 directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 3/27/06 (expiration 3/27/07).

Approved by the
Utah Division of
Oil, Gas and Mining

3/12/07
RM
Date: 03-12-07
By: [Signature]

RECEIVED
MAR 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 3/5/2007
 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: 43-013-33108
Well Name: Federal 10-20-9-16
Location: NW/SE Section 20,T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 3/27/2006

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 NA

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

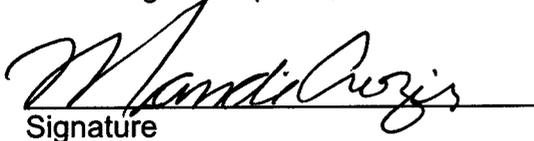
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

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

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

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

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


Signature

3/5/2007
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED

MAR 09 2007

DIV. OF OIL, GAS & MINING

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 10-20-9-16

Api No: 43-013-33108 Lease Type: FEDERAL

Section 20 Township 09S Range 16E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 07/25/07

Time 11:30 AM

How DRY

Drilling will Commence: _____

Reported by JUSTIN CRUM

Telephone # (435) 823-6733

Date 07/25/07 Signed CHD

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

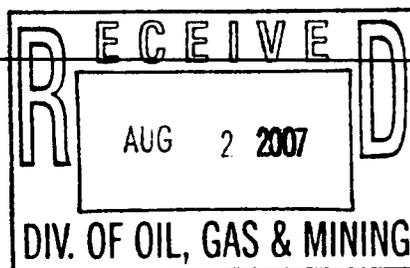
OPERATOR: **NEWFIELD PRODUCTION COMPANY**
 ADDRESS: **RT. 3 BOX 3630**
MYTON, UT 84052

OPERATOR ACCT. NO. **N2695**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	16293	4301333062	FEDERAL 1-19-9-16	NENE	19	9S	16E	DUCHESNE	7/28/2007	8/9/07
WELL 1 COMMENTS: <i>GRUV</i>											
A	99999	16294	4301333108	FEDERAL 10-20-9-16	NWSE	20	9S	16E	DUCHESNE	7/25/2007	8/9/07
WELL 2 COMMENTS: <i>GRUV</i>											
B	99999	12391	4301333597	ROBERTS 2-21-8-17	NWNE	21	8S	17E	DUCHESNE	7/23/2007	8/9/07
WELL 3 COMMENTS: <i>GRUV</i>											
B	99999	14844	4304734932	SD FEDERAL 5-6-9-18	SWNW	6	9S	18E	UINTAH	7/28/2007	8/9/07
WELL 4 COMMENTS: <i>GRUV</i>											
B	99999	14844	4304738194	SD FEDERAL 4-6-9-18	SWNW	6	9S	18E	UINTAH	7/30/2007	8/9/07
WELL 5 COMMENTS: <i>GRUV BHL = NWNW</i>											
WELL 5 COMMENTS:											

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

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



Signature _____ Jentri Park
 Production Clerk _____
 Date August 2, 2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include area code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 2041 FSL 1892 FEL
 NWSE Section 20 T9S R16E

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 10-20-9-16

9. API Well No.
 4301333108

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

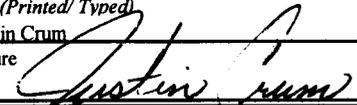
11. County or Parish, State
 DUCHESNE, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 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 7/25/07 MIRU NDSI NS # 1. Spud well @ 11:30 AM. Drill 310' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 315 KB. On 7/31/07 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 7 bbls cement to pit. WOC.

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

Title
 Drilling Foreman

Date
 08/14/2007

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

AUG 15 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 315.21

LAST CASING 8 5/8" set @ 315.21
 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 10-20-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI NS # 1

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 41.18'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	303.36
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			305.21
TOTAL LENGTH OF STRING		305.21	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			315.21
TOTAL		303.36	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		303.36	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.	Spud	7/26/2007	9:00 AM	GOOD CIRC THRU JOB			Yes
CSG. IN HOLE		7/26/2007	10:00 AM	Bbls CMT CIRC TO SURFACE			7
BEGIN CIRC		7/31/2007	9:30 AM	RECIPROCATED PIPE FOR			N/A
BEGIN PUMP CMT		7/31/2007	9:41 AM				
BEGIN DSPL. CMT		7/31/2007	9:52 AM	BUMPED PLUG TO			445 PSI
PLUG DOWN		7/31/2007	10:00 AM				

CEMENT USED		CEMENT COMPANY- B. J.	
STAGE	# SX	CEMENT TYPE & ADDITIVES	
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield	
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING	
Centralizers - Middle first, top second & third for 3			

COMPANY REPRESENTATIVE Justin Crum DATE 7/31/2007

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 10-20-9-16

9. API Well No.
4301333108

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

SUBMIT IN TRIPLE OR AIR Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2041 FSL 1892 FEL
NWSE Section 20 T9S R16E

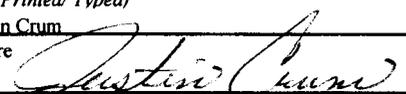
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

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 8/10/07 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 @ 265'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5950'. 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, 155 jt's of 5.5 J-55, 15.5# csgn. Set @ 5943' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 400 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 5 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 90,000 #'s tension. Release rig @ 4:00 PM on 1/16/07.

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

Signature 

Title
Drilling Foreman

Date
08/30/2007

THESE SPACE NOT FOR FEDERAL OR STATE OFFICIAL USE

Approved by _____ Title _____ Date _____

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

Office _____

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(Instructions on reverse)

RECEIVED

AUG 31 2007

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5943.51

Flt cllr @ 5891.06'

LAST CASING 8 5/8" SET AT 315'

OPERATOR Newfield Production Company

DATUM 12

WELL Federal 10-20-9-16

DATUM TO CUT OFF CASING 12

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # NDSI Rig # 1

TD DRILLER 5950' LOGGER 5951"

HOLE SIZE 7 7/8"

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt @ 3973' 5.88'					
154	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5891.06
							0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	39.2
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5945.51
TOTAL LENGTH OF STRING		5945.51	155	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		233.62	5	CASING SET DEPTH			5943.51
TOTAL		6163.88	160	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6163.88	160				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		8/15/2007	5:00	GOOD CIRC THRU JOB <u>Yes</u>			
CSG. IN HOLE		8/15/2007	9:00 AM	Bbls CMT CIRC TO SURFACE <u>5</u>			
BEGIN CIRC		8/15/2007	9:00 AM	RECIPROCATED PIPE FOR _____ THRU _____ FT STROKE			
BEGIN PUMP CMT		8/15/2007	10:20 AM	DID BACK PRES. VALVE HOLD ? <u>Yes</u>			
BEGIN DSPL. CMT		8/15/2007	11:04 AM	BUMPED PLUG TO <u>1400</u> PSI			
PLUG DOWN		8/15/2007	11:28 AM				

CEMENT USED		CEMENT COMPANY- B. J.	
STAGE	# SX	CEMENT TYPE & ADDITIVES	
1	300	Premlite II w/ 10% gel + 3 % KCL, 3#'s /sk CSE + 2# sk/kolseal + 1/2#'s/sk Cello Flake	
		mixed @ 11.0 ppg W / 3.43 cf/sk yield	
2	400	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD	

CENTRALIZER & SCRATCHER PLACEMENT SHOW MAKE & SPACING

Centralizers - Middle first, top second & third. Then every third collar for a total of 20.

COMPANY REPRESENTATIVE Justin Crum DATE 8/15/2007

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 2041 FSL 1892 FEL
 NWSE Section 20 T9S R16E

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 10-20-9-16

9. API Well No.
 4301333108

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

11. County or Parish, State
 DUCHESNE, UT

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

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

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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.)

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
 Signature *Mandie Crozier*

Title
 Regulatory Specialist
 Date
 09/04/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

Title _____ Date _____
 Office _____

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

(Instructions on reverse)

RECEIVED
SEP 05 2007
 DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:

USA UTU-74391

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:

1. TYPE OF WELL:

OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:

FEDERAL 10-20-9-16

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

9. API NUMBER:

4301333108

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER

435.646.3721

10. FIELD AND POOL, OR WILDCAT:

MONUMENT BUTTE

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 2041 FSL 1892 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSE, 20, T9S, R16E

STATE: UT

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

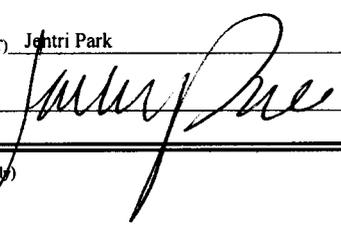
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>09/18/2007</u>	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The above subject well was completed on 08/31/07, attached is a daily completion status report.

NAME (PLEASE PRINT) Jenri Park

TITLE Production Clerk

SIGNATURE 

DATE 09/18/2007

(This space for State use only)

RECEIVED

SEP 24 2007

DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 10-20-9-16**6/1/2007 To 10/30/2007****8/25/2007 Day: 1****Completion**

Rigless on 8/24/2007 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5860' & cement top @ 226'. Perforate stage #1, CP5 sds @ 5736-48' w/ 3-1/8" Slick Guns (19 gram, .49"HE, 120°) w/ 4 spf for total of 48 shots. 139 bbls EWTR. SWIFN.

8/30/2007 Day: 2**Completion**

Rigless on 8/29/2007 - Stage #1 CP5 sds. RU BJ Services. 671 psi on well. Frac CP5 sds w/ 45,032#'s of 20/40 sand in 460 bbls of Lightning 17 fluid. Broke @ 3378 psi. Treated w/ ave pressure of 2371 psi w/ ave rate of 24.7 BPM. ISIP 2395 psi. Leave pressure on well. 599 BWTR. Stage #2 LODC sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 10', 11' perf gun. Set plug @ 5140'. Perforate LODC sds @ 5002-13' & 5030-40' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 84 shots. RU BJ Services. 1869 psi on well. Perfs would not break. RU WL & dump bail acid on perfs. RU BJ Services. 1640 psi on well. Frac LODC sds w/ 89,993#'s of 20/40 sand in 694 bbls of Lightning 17 frac fluid. Broke @ 3721 psi. Treated w/ ave pressure of 1981 psi w/ ave rate of 24.7 BPM. ISIP 2506 psi. Leave pressure on well. 1293 BWTR. Stage #3 A1 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 16' perf gun. Set plug @ 4980'. Perforate A1 sds @ 4920-36' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 64 shots. RU BJ Services. 1594 psi on well. Frac A1 sds w/ 114,939#'s of 20/40 sand in 845 bbls of Lightning 17 frac fluid. Broke @ 3680 psi. Treated w/ ave pressure of 1896 psi w/ ave rate of 24.7 BPM. ISIP 2218 psi. Leave pressure on well. 2138 BWTR. Stage #4 B2 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 20' perf gun. Set plug @ 4880'. Perforate B2 sds @ 4794-4814' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 80 shots. RU BJ Services. 1604 psi on well. Frac B2 sds w/ 80,966#'s of 20/40 sand in 672 bbls of Lightning 17 frac fluid. Broke @ 3659 psi. Treated w/ ave pressure of 2005 psi w/ ave rate of 24.7 BPM. ISIP 2205 psi. Open well to pit for immediate flowback @ 1 bpm. Well flowed for 4 hrs. & died. Recovered 200 bbls. No show of oil or gas. SWIFN.

8/31/2007 Day: 3**Completion**

Western #4 on 8/30/2007 - MIRU Western #4. Bleed off well. ND Cameron BOP & 5m frac head. NU 3m production head & Schafer BOP. RIH w/ 4 3/4" chomp bit, bit sub & 2 7/8" tbg. from pipe rack (tallying & drifting tbg.). Tag sand @ 4801'. RU powerswivel & pump. C/O to CBP @ 4880'. DU CBP in 15 min. Cont. RIH w/ tbg. Tag @ 4946'. C/O to CBP @ 4980'. DU CBP in 17 min. Cont. RIH w/ tbg. Tag CBP @ 5140'. DU CBP in 24 min. Cont. RIH w/ tbg. Tag @ 5745'. C/O to PBDT @ 5903'. Circulate well clean. Pull up to 5835'. RU swab. SFL @ surface. Made 17 runs. Recovered 163 bbls. Trace of oil. EFL @ 700'. SWIFN.

9/1/2007 Day: 4**Completion**

Western #4 on 8/31/2007 - Bleed off well. RIH w/ tbg. Tag @ 5893'. C/O to PBDT @

5903'. Circulate well clean. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 181 jts 2 7/8" tbg. ND BOP. Set TAC @ 5710' w/ 16,000# tension. NU wellhead. Flush tbg. w/ 60 bbls water. RIH w/ CDI 2 1/2" x 1 1/2" x 16' x 20' RHAC pump, 6- 1 1/2" weight bars, 20- 3/4" guided rods, 103- 3/4" slick rods, 100- 3/4" guided rods, 1- 8' x 3/4" pony sub, 1 1/2" x 26' polished rod. Seat pump. Fill tbg. w/ 2 bbls water. Stroke test to 800 psi. RU pumping unit. Hang off rods. Adjust tag. RD. Mechanic adjusted clutch & put well on production @ 6:00 p.m. 5 spm, 86" stroke length. Final Report.

Pertinent Files: Go to File List

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK
 OIL WELL GAS WELL DRY Other _____

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

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 2041' FSL & 1892' FEL (NW/SE) Sec. 20, T9S, R16E
 At top prod. Interval reported below

14. API NO. 43-013-33108 DATE ISSUED 03/27/07
 12. COUNTY OR PARISH Duchesne 13. STATE UT

15. DATE SPUNDED 07/25/07 16. DATE T.D. REACHED 08/14/07 17. DATE COMPL. (Ready to prod.) 08/31/07 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6105' GL 19. ELEV. CASINGHEAD 6117; KB

20. TOTAL DEPTH, MD & TVD 5950' 21. PLUG BACK T.D., MD & TVD 5903' 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY -----> ROTARY TOOLS X CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
 Green River 4794'-5748'

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#	315'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5944'	7-7/8"	300 sx Premlite II and 400 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5809'	TA @ 5710'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP5) 5736'-5748'	.49"	4/48	5736'-5748'	Frac w/ 45,0323 20/40 sand in 460 bbls fluid
(LODC) 5002'-5013', 5030'-5040'	.43"	4/84	5002'-5040'	Frac w/ 89,993# 20/40 sand in 694 bbls fluid
(A1) 4920'-4936'	.43"	4/64	4920'-4936'	Frac w/ 114,939# 20/40 sand in 845 bbls fluid
(B2) 4794'-4814'	.43"	4/80	4794'-4814'	Frac w/ 80,966# 20/40 sand in 672 bbls fluid

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

33.* PRODUCTION

DATE FIRST PRODUCTION 08/31/07 PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 20' RHAC SM Plunger Pump WELL STATUS (Producing or shut-in) PRODUCING

DATE OF TEST 10 day ave HOURS TESTED _____ CHOKE SIZE _____ PROD'N. FOR TEST PERIOD -----> OIL--BBL. 71 GAS--MCF. 0 WATER--BBL. 33 GAS-OIL RATIO 0

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

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold & Used for Fuel TEST WITNESSED BY SEP 24 2007

35. LIST OF ATTACHMENTS

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

SIGNED Jentri Park TITLE Production Clerk DATE 9/21/2007

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Federal 10-20-9-16	Garden Gulch Mkr	3566'	
				Garden Gulch 1	3759'	
				Garden Gulch 2	3872'	
				Point 3 Mkr	4110'	
				X Mkr	4377'	
				Y-Mkr	4408'	
				Douglas Creek Mkr	4518'	
				BiCarbonate Mkr	4688'	
				B Limestone Mkr	4830'	
				Castle Peak	5416'	
				Basal Carbonate	5860'	
				Total Depth (LOGGERS)	5951'	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

AUG 17 2010

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

Ref: 8ENF-UFO

CERTIFIED MAIL 7005-0390-0000-4848-8239
RETURN RECEIPT REQUESTED

Mike Guinn, District Manager
Newfield Production Company
Route 3, Box 3630
Myton, UT 84052

43 013 3308
95 17E 9

Re: Underground Injection Control (UIC)
Permission To Resume Injection
Federal #33-9H-9-17 Well
EPA Permit #UT20771-04271
Monument Butte Oil Field
Duchesne County, Utah

Dear Mr. Guinn:

On June 30, 2010, EPA received information from Newfield Production Company on the above-referenced well concerning the workover to address a corrosion hole in the 2 3/8" diameter tubing at joint number 118 by replacement of the joint, and the follow-up mechanical integrity test (MIT) conducted on June 21, 2020. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before June 21, 2015.

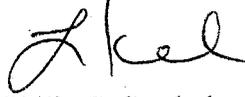
Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

RECEIVED
AUG 23 2010
DIV. OF OIL, GAS & MINING

If you have any questions concerning this letter, you may contact Nathan Wiser at (303) 312-6211. Please direct all correspondence to the attention of Nathan Wiser at Mail Code 8ENF-UFO.

Sincerely,



Philip S. Strobel
Acting Director, Technical Enforcement Program
Office of Enforcement, Compliance and
Environmental Justice

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:
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 10-20-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2041 FSL 1892 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 20 Township: 09.0S Range: 16.0E Meridian: S	9. API NUMBER: 43013331080000
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	COUNTY: DUCHESNE
9. API NUMBER: 43013331080000	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/5/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The subject well has been converted from a producing oil well to an injection well on 06/05/2014. On 06/04/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 06/05/2014 the casing was pressured up to 1511 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 50 psig during the test. There was not a State representative available to witness the test.

**Accepted by the
Utah Division of
Oil, Gas and Mining
June 12, 2014**

Date: _____
By: *[Signature]*

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 6/9/2014	

Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: _____ Date 6/5/14 Time 12:00 am pm
Test Conducted by: P. By B. By
Others Present: _____

Well: Federal 10-20-9-16 Field: Monument Butte
Well Location: Federal 10-20-9-16 API No: 4301333108
NW/SE Sec 20, T9S, R16E
Duchesne County Utah

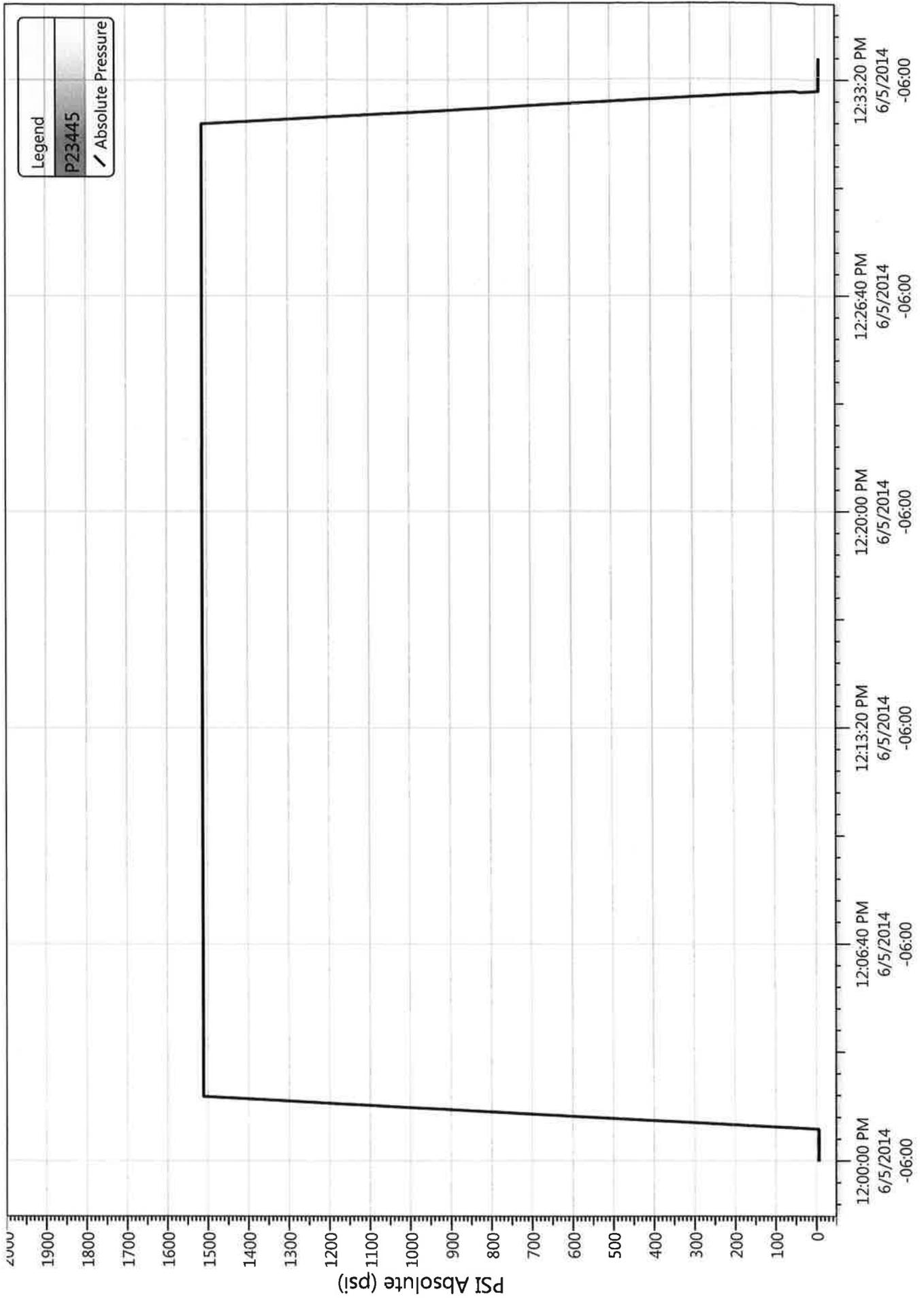
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1511</u>	psig
5	<u>1511</u>	psig
10	<u>1511</u>	psig
15	<u>1511</u>	psig
20	<u>1511</u>	psig
25	<u>1511</u>	psig
30 min	<u>1511</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 50 psig

Result: Pass Fail

Signature of Witness: _____
Signature of Person Conducting Test: [Signature]

Federal 10-20-9-16 (conversion MIT 6/5/14)
6/5/2014 11:57:49 AM





Well Name: Federal 10-20-9-16

Job Detail Summary Report

Primary Job Type Conversion	Job Start Date 6/2/2014	Job End Date 6/5/2014
--------------------------------	----------------------------	--------------------------

Daily Operations		24hr Activity Summary
Report Start Date	Report End Date	MIRUSU
Start Time	05:30	End Time 06:00
Start Time	06:00	End Time 18:30
Start Time	18:30	End Time 19:00
24hr Activity Summary		TOOH TBG, MU PKR ASSY
Report Start Date	6/3/2014	Report End Date 6/3/2014
Start Time	05:30	End Time 06:00
Start Time	06:00	End Time 18:30
Start Time	18:30	End Time 19:00
24hr Activity Summary		SET PKR, NU INJ TREE, PT
Report Start Date	6/4/2014	Report End Date 6/4/2014
Start Time	05:30	End Time 06:00
Start Time	06:00	End Time 14:30
24hr Activity Summary		CONDUCT INITIAL MIT
Report Start Date	6/5/2014	Report End Date 6/5/2014
Start Time	12:00	End Time 12:30

Comment	CREW TRAVEL
Comment	Moved From Fed 9-16-9-17: MIRUSU, RDPU BMW H/O Pmped 60BW d/Csg, 15ppm of H2S Coming From Csg, Pmped 20BW w/ Biocide d/Csg, OWU, LD & Striped Polished Rod, US Rod Pmp, Flushed Rods w/ 40BW w/ Biocide, Soft Seat & Test, 17BW to Fill, PT to 3500psi, GOOD TESTI, LD Rod String on Trailer, Flushed Rods 3x w/ 20BW & Biocide Each, LD & Inspect Rod Pmp (Scale on Screen), XO For Tbg, ND WH, Released TAC, NU Weatherford BOP, RU Workfloor, TOOH w/ Tbg Breaking Everyother Collar & Applying Liquid O-Ring, Talled 152- Jts to 4750', Conti TOOH, LD BHA, Flushed Tbg w/ 30BW, MU & RIH w/ Slauch Bit & Scrapper, TIH w/ 80-Jts..SWIFN
Comment	CREW TRAVEL
Comment	CREW TRAVEL
Comment	CREW TRAVEL
Comment	SICP 10psi SITP 100psi, OWU, H/O Pmped 60BW w/ PKR Fluids d/Annulus, Set Arrow Set PKR CE @ 4741' w/ 1500# of Tension, NU Injection Tree, 28BW to Fill Annulus, PT to 1480psi, Press Raised 20psi in 60Min, NO PRESSURE LOSS in 60Min, Newfield Wtr Service Rep Performed MIT...FINAL RIG REPORT
Comment	On 06/04/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 06/05/2014 the casing was pressured up to 1511 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 50 psig during the test. There was not a State representative available to witness the test.

NEWFIELD

Schematic

Well Name: Federal 10-20-9-16

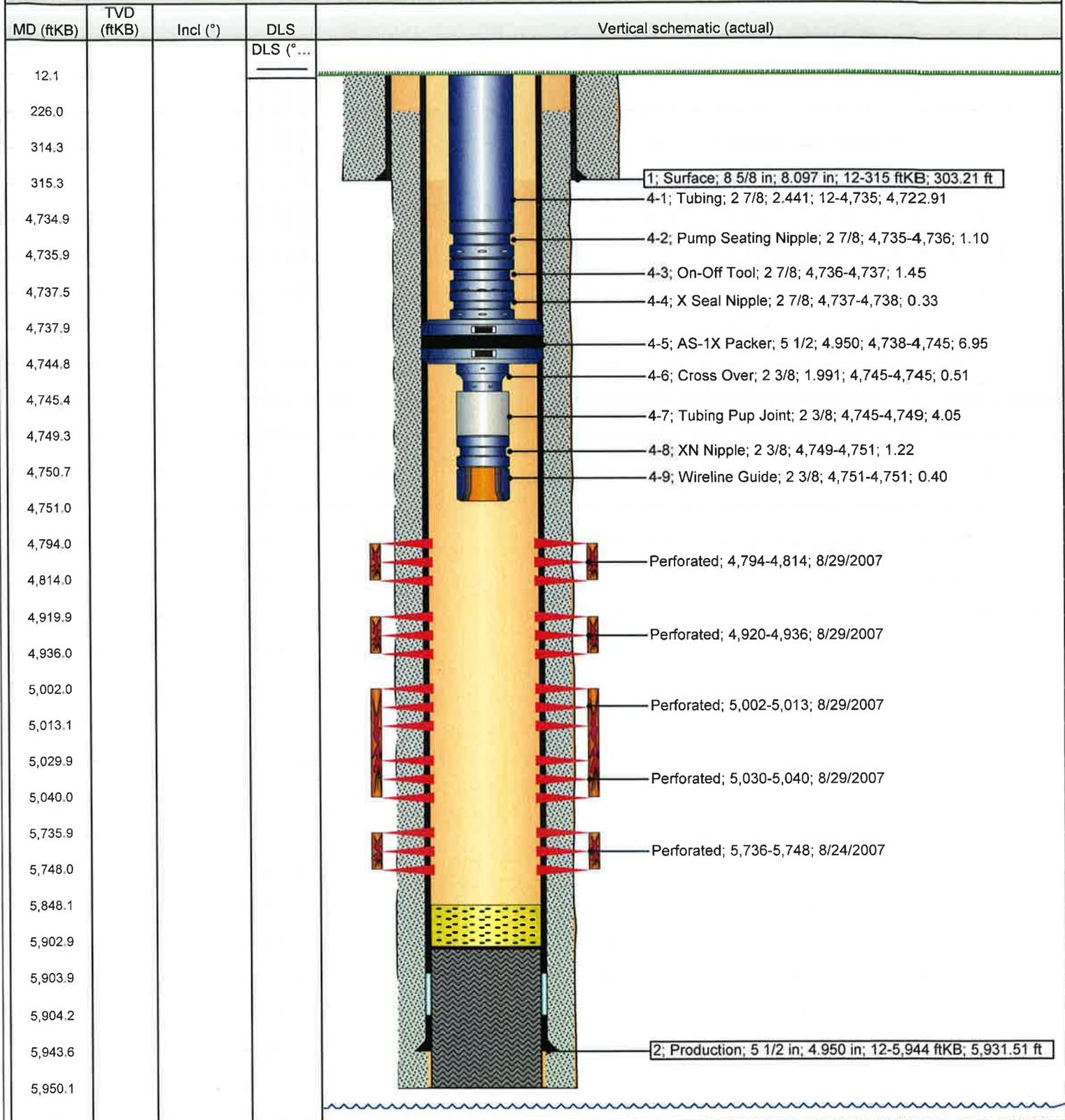
Surface Legal Location 20-9S-16E		API/UWI 43013331080000	Well RC 500159199	Lease	State/Province Utah	Field Name GMBU CTB3	County DUCHESNE
Spud Date	Rig Release Date	On Production Date 8/31/2007	Original KB Elevation (ft) 6,117	Ground Elevation (ft) 6,105	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,903.0	

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 6/2/2014	Job End Date 6/5/2014
---------------------------------------	--------------------------------	-----------------------------	----------------------------	--------------------------

TD: 5,950.0

Vertical - Original Hole, 6/9/2014 12:02:30 PM



NEWFIELD**Newfield Wellbore Diagram Data
Federal 10-20-9-16**

Surface Legal Location 20-9S-16E		API/UWI 43013331080000		Lease	
County DUCHESNE		State/Province Utah		Field Name GMBU CTB3	
Well Start Date 7/25/2007		Spud Date		Final Rig Release Date	
Original KB Elevation (ft) 6,117		Ground Elevation (ft) 6,105		Total Depth (ftKB) 5,950.0	
				Total Depth All (TVD) (ftKB) PBTD (All) (ftKB) Original Hole - 5,903.0	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	WVLen (lb/ft)	Grade	Set Depth (ftKB)
Surface	7/25/2007	8 5/8	8.097	24.00	J-55	315
Production	8/15/2007	5 1/2	4.950	15.50	J-55	5,944

Cement**String: Surface, 315ftKB 7/31/2007**

Cementing Company BJ Services Company		Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 315.2	Full Return?	Vol Cement Ret (bbl)
Fluid Description 2% CaCl2 +1/4#/SK Cello-Flake		Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0

String: Production, 5,944ftKB 8/15/2007

Cementing Company BJ Services Company		Top Depth (ftKB) 226.0	Bottom Depth (ftKB) 5,950.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 10% Gel+ 3% KCL, 3#/sk CSE + 2#/sk kolseal+ 1/2#/sk CelloFlake		Fluid Type Lead	Amount (sacks) 300	Class Premite II	Estimated Top (ftKB) 226.0
Fluid Description 2% Gel + 3% KCL, 5% EC1, 1/4#/sk CF, 3%SM		Fluid Type Tail	Amount (sacks) 400	Class 50/50 POZ	Estimated Top (ftKB) 2,862.0

Tubing Strings

Tubing Description					Run Date	Set Depth (ftKB)			
Tubing					6/4/2014	4,750.9			
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Blm (ftKB)	
Tubing	150	2 7/8	2.441	6.50	J-55	4,722.91	12.0	4,734.9	
Pump Seating Nipple	1	2 7/8				1.10	4,734.9	4,736.0	
On-Off Tool	1	2 7/8				1.45	4,736.0	4,737.5	
X Seal Nipple	1	2 7/8				0.33	4,737.5	4,737.8	
AS-1X Packer	1	5 1/2	4.950			6.95	4,737.8	4,744.7	
Cross Over	1	2 3/8	1.991			0.51	4,744.7	4,745.3	
Tubing Pup Joint	1	2 3/8				4.05	4,745.3	4,749.3	
XN Nipple	1	2 3/8				1.22	4,749.3	4,750.5	
Wireline Guide	1	2 3/8				0.40	4,750.5	4,750.9	

Rod Strings

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

Other In Hole

Des	Top (ftKB)	Blm (ftKB)	Run Date	Pull Date
Fill	5,848	5,903	5/23/2011	

Perforation Intervals

Stage#	Zone	Top (ftKB)	Blm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
2	B2 SDS, Original Hole	4,794	4,814	4	90	0.430	8/29/2007
3	A1 SDS, Original Hole	4,920	4,936	4	90	0.430	8/29/2007
4	LODC SDS, Original Hole	5,002	5,013	4	90	0.430	8/29/2007
5	LODC SDS, Original Hole	5,030	5,040	4	90	0.430	8/29/2007
1	CP5 SDS, Original Hole	5,736	5,748	4	120	0.490	8/24/2007

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	2,395	0.85	24.7	2,574			
2	2,506	0.93	24.7	2,197			
3	2,218	0.88	24.7	2,253			
4	2,205	0.89	24.7	2,374			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 45032 lb
2		Proppant White Sand 89993 lb
3		Proppant White Sand 114939 lb
4		Proppant White Sand 80966 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 10-20-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2041 FSL 1892 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 20 Township: 09.0S Range: 16.0E Meridian: S	9. API NUMBER: 43013331080000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	COUNTY: DUCHESNE
STATE: UTAH	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/19/2014	<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 3:30 PM on 06/19/2014.

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

Date: _____
By: *[Signature]*

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 6/25/2014	



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-418

Operator: Newfield Production Company
Well: Federal 10-20-9-16
Location: Section 20, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-33108
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on April 14, 2014.
2. Maximum Allowable Injection Pressure: 2,000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,865' – 5,903')
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

6/17/2014
Date

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

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 14, 2014

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

Subject: Greater Monument Butte Unit Well: Federal 10-20-9-16, Section 20, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33108

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 3,865 feet in the Federal 10-20-9-16 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



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

Applicant: Newfield Production Company **Well:** Federal 10-20-9-16

Location: 20/9S/16E **API:** 43-013-33108

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 leaseholders 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 315 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,944 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,020 feet or higher. A 2 7/8 inch tubing with a packer will be set at 4,744 feet. Higher perforations may be opened at a later date. A mechanical integrity test will be run on the well prior to injection. On the basis of surface locations, there are 5 producing wells and 6 injection wells in the AOR. In addition, there is 1 approved surface location inside the AOR for a directional well with a proposed bottom hole location outside the AOR. All existing wells within the AOR 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 2700 feet. Injection shall be limited to the interval between 3,865 feet and 5,903 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 10-20-9-16 well is 0.89 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,174 psig. The requested maximum pressure is 2,174 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 groundwater present should be adequately protected.

Federal 10-20-9-16

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: 4/9/2014

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

The Salt Lake Tribune

MEDIAONE

Deseret News

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, Rose Nolton 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	900	

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE#
8015385340	0000941195 /
SCHEDULE	
Start 02/22/2014	End 02/22/2014
CUST. REF. NO.	
Newfield Cause UIC-418	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATU	
SIZE	
96 Lines	2.00 COLUMN
TIMES	RATE
3	
MISC. CHARGES	AD CHARGES
TOTAL COST	
327.56	

RECEIVED
 MAR 05 2014
 DIV OF OIL GAS & MINING

BEFORE THE DIVISION OF OIL, GAS AND MINING
 DEPARTMENT OF NATURAL RESOURCES
 STATE OF UTAH
 NOTICE OF AGENCY ACTION
 CAUSE NO. UIC-418

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 9, 13, 16, 17, 20, 22, and 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESE 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, 1301 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 14-25-9-15 well located in SE/4 SW/4, Section 25, Township 9 South, Range 15 East
API 43-013-32912
 - Ashley Federal 16-25-9-15 well located in SE/4 SE/4, Section 25, Township 9 South, Range 15 East
API 43-013-32951
 - Ashley Federal 14-26-9-15 well located in SE/4 SW/4, Section 26, Township 9 South, Range 15 East
API 43-013-32907
 - Ashley Federal 16-26-9-15 well located in SE/4 SE/4, Section 26, Township 9 South, Range 15 East
API 43-013-32913
 - Federal 14-9-9-16 well located in SE/4 SW/4, Section 9, Township 9 South, Range 16 East
API 43-013-33053
 - South Wells Draw 16-9-9-16 well located in SE/4 SE/4, Section 9, Township 9 South, Range 16 East
API 43-013-32044
 - Federal 2-13-9-16 well located in NW/4 NE/4, Section 13, Township 9 South, Range 16 East
API 43-013-32659
 - Federal 8-13-9-16 well located in SE/4 NE/4, Section 13, Township 9 South, Range 16 East
API 43-013-32655
 - Federal 14-13-9-16 well located in SE/4 SW/4, Section 13, Township 9 South, Range 16 East
API 43-013-32649
 - State 16-1-0 well located in SW/4 SE/4, Section 16, Township 9 South, Range 16 East
API 43-013-31022
 - Federal 9-17-9-16 well located in NE/4 SE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33032
 - Federal 10-20-9-16 well located in NW/4 SE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33108
 - Monument Federal 11-22-9-16Y well located in NW/4 NW/4, Section 22, Township 9 South, Range 16 East
API 43-013-31647
 - Federal 7-23 well located in SW/4 NE/4, Section 23, Township 9 South, Range 16 East
API 43-013-30662

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

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

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 338-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 18th day of February, 2014.
 STATE OF UTAH
 DIVISION OF OIL, GAS & MINING
 /s/
 Brad Hill
 Permitting Manager

941195

UPAXLP

AFFIDAVIT OF PUBLICATION

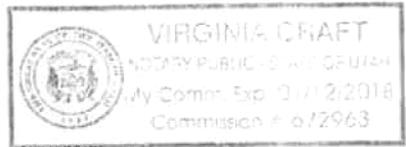
AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH, CAUSE NO. UIC-418 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING, WAS PUBLISHED IN ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, UTAH. NOTICE IS ALSO POSTED ON UTAHLEGAL.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGAL.COM INDEFINITELY. COMPLIES WITH UTAH DIGITAL SIGNATURE ACT UTAH CODE 46-2-101; 46-3-104.

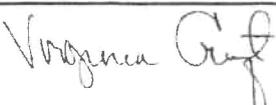
PUBLISHED ON Start 02/22/2014 End 02/22/2014

SIGNATURE 

DATE 2/25/2014

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



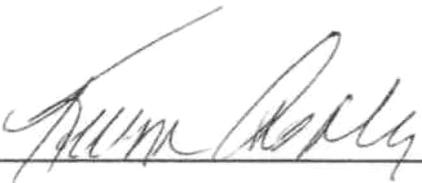

 NOTARY SIGNATURE

2250/REB/GGDICAD/111/GF13/0131

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 25 day of February, 20 14, and that the last publication of such notice was in the issue of such newspaper dated the 25 day of February, 20 14, 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.

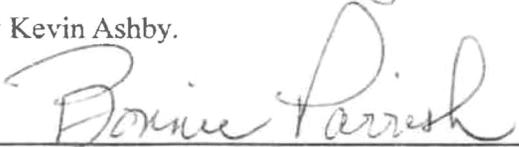


Publisher

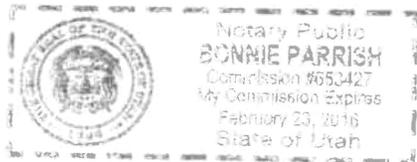
Subscribed and sworn to before me on this

26 day of February, 20 14

by Kevin Ashby.



Notary Public



**BEFORE THE
DIVISION
OF OIL, GAS
AND MINING,
DEPART-
MENT OF
NATURAL
RESOURCES,
STATE OF
UTAH,
NOTICE OF
AGENCY
ACTION,
CAUSE NO.
UIC-418**

IN THE MATTER OF THE APPLICATION OF NEW-FIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 25 and 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, and SECTIONS 9, 13, 16, 17, 20, 22, and 23, 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, tele-

25-9-15 well located in SE/4 SE/4, Section 25, Township 9 South, Range 15 East API 43-013-32951 Ashley Federal 14-26-9-15 well located in SE/4 SW/4, Section 26, Township 9 South, Range 15 East API 43-013-32907 Ashley Federal 16-26-9-15 well located in SE/4 SE/4, Section 26, Township 9 South, Range 15 East API 43-013-32913 Federal 14-9-9-16 well located in SE/4 SW/4, Section 9, Township 9 South, Range 16 East API 43-013-33053 South Wells Draw 16-9-9-16 well located in SE/4 SE/4, Section 9, Township 9 South, Range 16 East API 43-013-32044 Federal 2-13-9-16 well located in NW/4 NE/4, Section 13, Township 9 South, Range 16 East API 43-013-32659 Federal 8-13-9-16 well located in SE/4 NE/4, Section 13, Township 9 South, Range 16 East API 43-013-32655 Federal 14-13-9-16 well located in SE/4 SW/4, Section 13, Township 9 South, Range 16 East API 43-013-32649 State 16-1-O well located in SW/4 SE/4, Section 16, Township 9 South, Range 16 East API 43-013-31022 Federal 9-17-9-16 well located in NE/4 SE/4, Section 17, Township 9 South, Range 16 East API 43-013-33032 Federal 10-20-9-16 well located in NW/4 SE/4, Section 20, Township 9 South, Range 16 East API 43-013-33108 Monument Federal 11-22-9-16Y well located in NW/4 NW/4, Section 22, Township

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 18th day of February, 2014.

STATE OF UTAH
DIVISION OF
OIL, GAS & MINING

/s/
Brad Hill
Permitting Manager

Published in the
Utah Basin Standard February 25, 2014. 31

26 day of February, 20 14

by Kevin Ashby.

Bonnie Parrish

Notary Public



IN SECTIONS 25
 and 26, TOWNSHIP
 9 SOUTH, RANGE
 15 EAST, and
 SECTIONS 9, 13,
 16, 17, 20, 22, and
 23, TOWNSHIP 9
 SOUTH, RANGE 16
 EAST, DUCHESNE
 COUNTY, UTAH,
 AS CLASS II INJEC-
 TION WELLS.

THE STATE OF
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 Range 16 East
 API 43-013-30662
 The proceeding
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 accordance with Utah
 Admin. R649-10,
 Administrative Proce-
 dures.
 Selected zones
 in the Green River

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-418

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 9, 13, 16, 17, 20, 22, and 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

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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 18th day of February, 2014.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

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

Brad Hill
Permitting Manager

Newfield Production Company

**ASHLEY FEDERAL 14-25-9-15, ASHLEY FEDERAL 16-25-9-15,
ASHLEY FEDERAL 14-26-9-15, ASHLEY FEDERAL 16-26-9-15,
FEDERAL 14-9-9-16, SOUTH WELLS DRAW 16-9-9-16,
FEDERAL 2-13-9-16, FEDERAL 8-13-9-16, FEDERAL 14-13-9-16,
STATE 16-1-O, FEDERAL 9-17-9-16, FEDERAL 10-20-9-16,
MONUMENT FEDERAL 11-22-9-16Y, FEDERAL 7-23.**

Cause No. UIC-418

Publication Notices were sent to the following:

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

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

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

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

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

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

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

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052





GARY R. HERBERT
Governor

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

February 20, 2014

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-418

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>

Re: Notice of Agency Action - Newfield Production Company Cause No. UIC-418

UB Standard Legals <ubslegals@ubmedia.biz>

Thu, Feb 20, 2014 at 3:52 PM

To: Jean Sweet <jsweet@utah.gov>

On 2/20/2014 9:52 AM, Jean Sweet wrote:

To Whom It May Concern:

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

Please send proof of publication and billing to:

Division of Oil, Gas and Mining

PO Box 145801

Salt Lake City, UT 84114-5801

Sincerely,

—
Jean Sweet
Executive Secretary
Utah Division of Oil, Gas and Mining
801-538-5329

Received. It will be published Feb. 25.

Thank you.

Cindy



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

February 20, 2014

Via e-mail naclegal@mediaoneutah.com

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

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-418

To Whom It May Concern:

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

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

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

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



Order Confirmation for Ad #0000941195-01

Client DIV OF OIL-GAS & MINING **Payor Customer** DIV OF OIL-GAS & MINING
Client Phone 801-538-5340 **Payor Phone** 801-538-5340
Account# 9001402352 **Payor Account** 9001402352
Address 1594 W NORTH TEMP #1210,P.O. BOX 145801 **Payor Address** 1594 W NORTH TEMP #1210,P.O. BO:
 SALT LAKE CITY, UT 84114 USA SALT LAKE CITY, UT 84114

Fax 801-359-3940 **Ordered By** **Acct. Exec**
E-Mail juliecarter@utah.gov **Jean** **kstowe**

Total Amount **\$327.56**
Payment Amt **\$0.00**
Amount Due **\$327.56** **Tear Sheets** 0 **Proofs** 0 **Affidavits** 1
Payment Method **PO Number** Newfield Cause UIC-4
Confirmation Notes:
Text: Jean

Ad Type **Ad Size** **Color**
 Legal Liner 2.0 X 96 Li <NONE>

<u>Product</u>	<u>Placement</u>	<u>Position</u>
Salt Lake Tribune::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	2/22/2014	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
Deseret News::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	2/22/2014	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	2/22/2014	

Ad Content Proof Actual Size

**BEFORE THE DIVISION OF OIL, GAS AND MINING
 DEPARTMENT OF NATURAL RESOURCES
 STATE OF UTAH
 NOTICE OF AGENCY ACTION
 CAUSE NO. UIC-418**

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 9, 13, 16, 17, 20, 22, AND 23, 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 injector wells:

Greater Monument Butte Unit:
 Ashley Federal 14-25-9-15 well located in SE/4 SW/4, Section 25, Township 9 South, Range 15 East
 API 43-013-32912
 Ashley Federal 16-25-9-15 well located in SE/4 SE/4, Section 25, Township 9 South, Range 15 East
 API 43-013-32951
 Ashley Federal 14-26-9-15 well located in SE/4 SW/4, Section 26, Township 9 South, Range 15 East
 API 43-013-32907
 Ashley Federal 16-26-9-15 well located in SE/4 SE/4, Section 26, Township 9 South, Range 15 East
 API 43-013-32913
 Federal 14-9-9-16 well located in SE/4 SW/4, Section 9, Township 9 South, Range 16 East
 API 43-013-33053
 South Wells Draw 16-9-9-16 well located in SE/4 SE/4, Section 9, Township 9 South, Range 16 East
 API 43-013-32044
 Federal 2-13-9-16 well located in NW/4 NE/4, Section 13, Township 9 South, Range 16 East
 API 43-013-31022
 Federal 8-13-9-16 well located in SE/4 NE/4, Section 13, Township 9 South, Range 16 East
 API 43-013-32655
 Federal 14-13-9-16 well located in SE/4 SW/4, Section 13, Township 9 South, Range 16 East
 API 43-013-32649
 State 16-1-0 well located in SW/4 SE/4, Section 16, Township 9 South, Range 16 East
 API 43-013-31022
 Federal 9-17-9-16 well located in NE/4 SE/4, Section 17, Township 9 South, Range 16 East
 API 43-013-33032
 Federal 10-20-9-16 well located in NW/4 SE/4, Section 20, Township 9 South, Range 16 East
 API 43-013-33108
 Monument Federal 11-22-9-16Y well located in NW/4 NW/4, Section 22, Township 9 South, Range 16 East
 API 43-013-31647
 Federal 7-23 well located in SW/4 NE/4, Section 23, Township 9 South, Range 16 East
 API 43-013-30662

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

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

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

Dated this 18th day of February, 2014.
 STATE OF UTAH
 DIVISION OF OIL, GAS & MINING
 /s/
 Brad Hill
 Permitting Manager

941195 UPAXIP

NEWFIELD



Newfield Exploration Company

1001 17th Street | Suite 2000

Denver, Colorado 80202

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

February 7, 2014

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

RECEIVED

FEB 10 2014

DIV. OF OIL, GAS & MINING

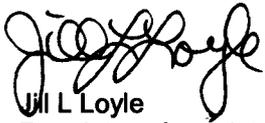
RE: Permit Application for Water Injection Well
Federal #10-20-9-16
Monument Butte Field, Lease #UTU-74391
Section 20-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #10-20-9-16 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 #10-20-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-74391
FEBRUARY 7, 2014

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Federal 10-20-9-16

Spud Date: 7-25-07
 Put on Production: 8-31-07
 GL: 6105' KB: 6117'

Initial Production: BOPD,
 MCFD, BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (303.36')
 DEPTH LANDED: 315.21' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

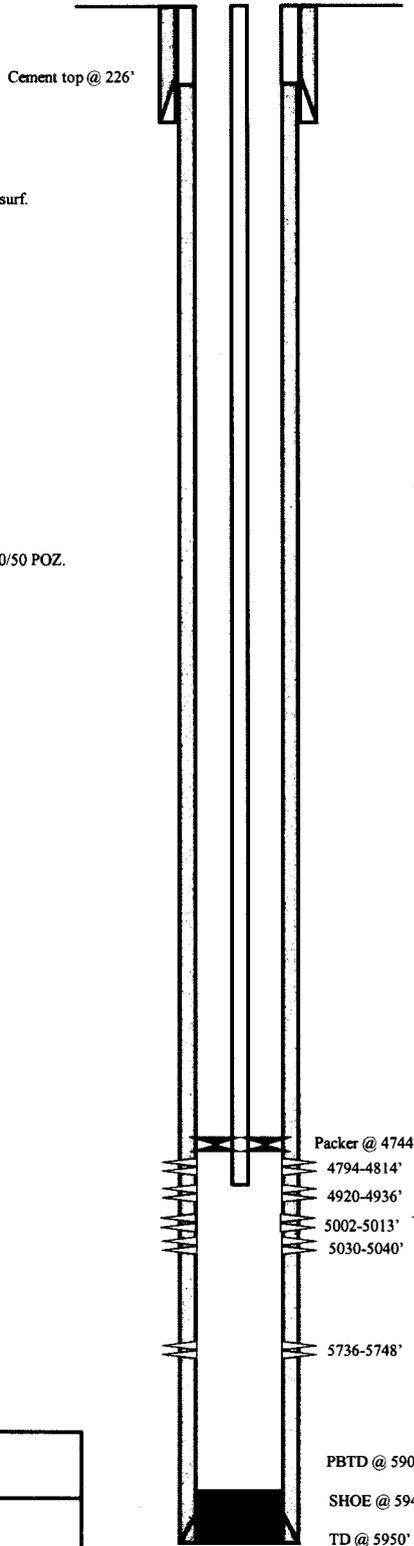
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 155 jts (5927.26')
 DEPTH LANDED: 5943.51' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 226'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 181 jts (5693')
 TUBING ANCHOR: 5693' KB
 NO. OF JOINTS: 1 jts (31.6')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5728.4' KB
 NO. OF JOINTS: 2 jts (63.0')
 TOTAL STRING LENGTH: EOT @ 5792.90' KB

FRAC JOB

08-29-07	5736-5748'	Frac CP5 sands as follows: 45032# 20/40 sand in 460 bbls Lightning 17 frac fluid. Treated @ avg press of 2371 psi w/avg rate of 24.7 BPM. ISIP 2395 psi. Calc flush: 5971 gal. Actual flush: 5145 gal.
08-29-07	5002-5040'	Frac LODC sands as follows: 89993# 20/40 sand in 694 bbls Lightning 17 frac fluid. Treated @ avg press of 1981 psi w/avg rate of 24.7 BPM. ISIP 2506 psi. Calc flush: 5000 gal. Actual flush: 4507 gal.
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05/28/08		Tbg leak. Updated tubing and rod detail
6/10/2010		Parted rods. Update rod and tubing details



PERFORATION RECORD

08-24-07	5736-5748'	4 JSPF	48 holes
08-29-07	5030-5040'	4 JSPF	40 holes
08-29-07	5002-5013'	4 JSPF	44 holes
08-29-07	4920-4936'	4 JSPF	64 holes
08-29-07	4794-4814'	4 JSPF	80 holes

NEWFIELD

Federal 10-20-9-16
 2041' FSL & 1892' FEL
 NW/SE Section 20-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33108; 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 #10-20-9-16 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 #10-20-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3865' - 5903'). 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 3544' and the TD is at 5950'.

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

The referenced log for the Federal #10-20-9-16 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 315' KB, and 5-1/2", 15.5# casing run from surface to 5944' 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 2174 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 #10-20-9-16, for existing perforations (4794' - 5748') calculates at 0.89 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 2174 psig. We may add additional perforations between 3544' and 5950'. 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 #10-20-9-16, the proposed injection zone (3865' - 5903') 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-11.

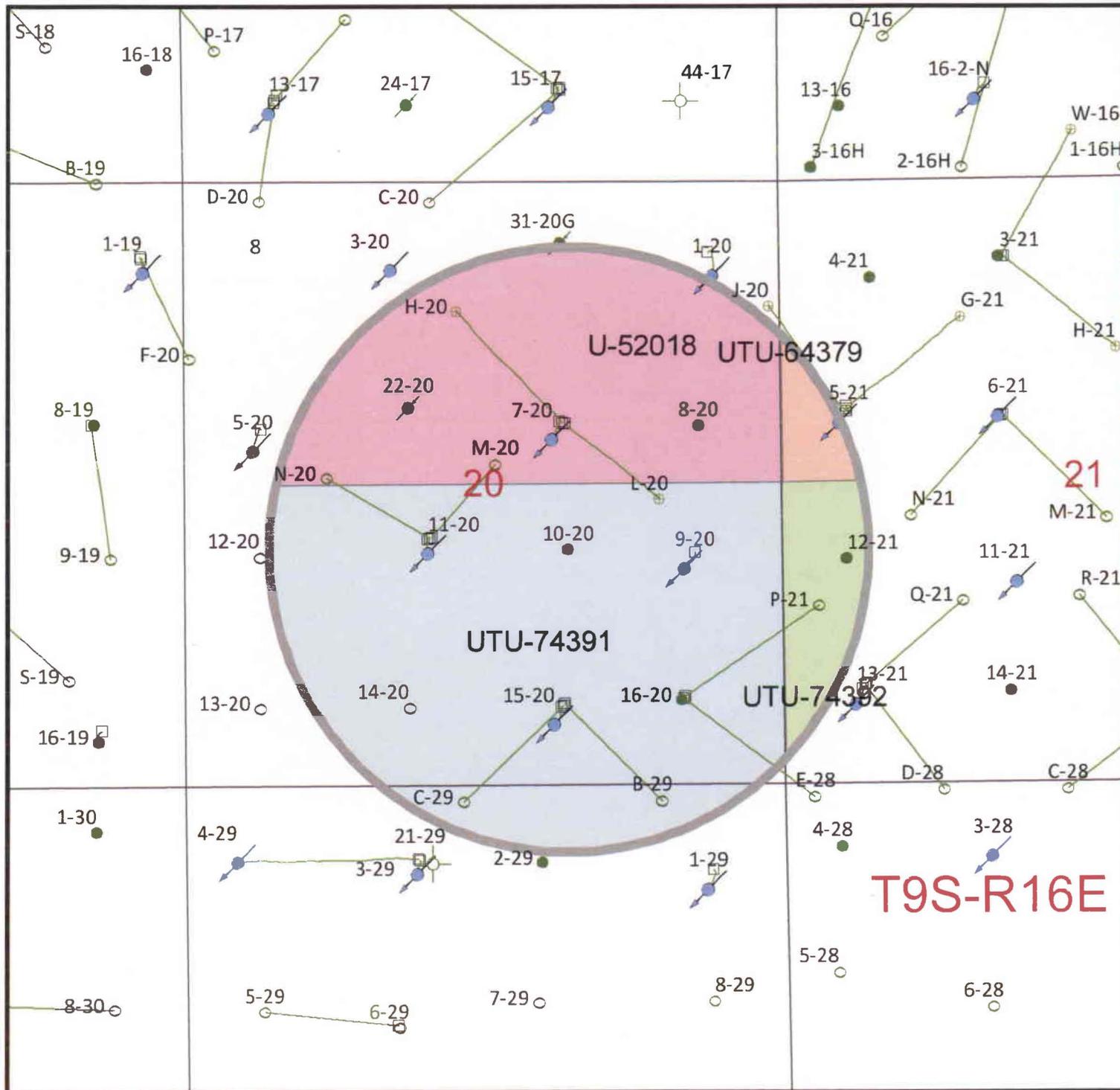
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure 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
- UTU-74392

Well Status

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

Federal 10-20-9-16
Section 20, T9S-R16E

T9S-R16E

NEWFIELD
ROCKY MOUNTAINS¹ in = 1,250 feet

1/2 Mile Radius Map
Duchesne County

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

Jan. 6, 2014

EXHIBIT B

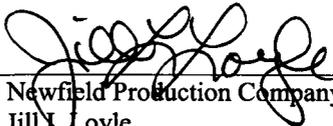
#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 17: S2 Section 20: N2	USA UTU-52018 HBP	Newfield Production Company Newfield RMI LLC	USA
2	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, LOTS 3,4 Section 19: NE, E2NW, LOTS 1,2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corp	USA
3	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
4	T9S-R16E SLM Section 21: S2 Section 22: NENE, S2 Section 23: SWSW Section 24: SESE Section 26: NENE Section 27: All Section 28: All	USA UTU-74392 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #10-20-9-16

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 7th day of February, 2014.

Notary Public in and for the State of Colorado: Lydia Biondo

My Commission Expires: 12/31/15

LYDIA BIONDO
Notary Public
State of Colorado

Federal 10-20-9-16

Spud Date: 7-25-07
Put on Production: 8-31-07

GL: 6105' KB: 6117'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (303.36')
DEPTH LANDED: 315.21' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

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CSG SIZE: 5-1/2"
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HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 226'

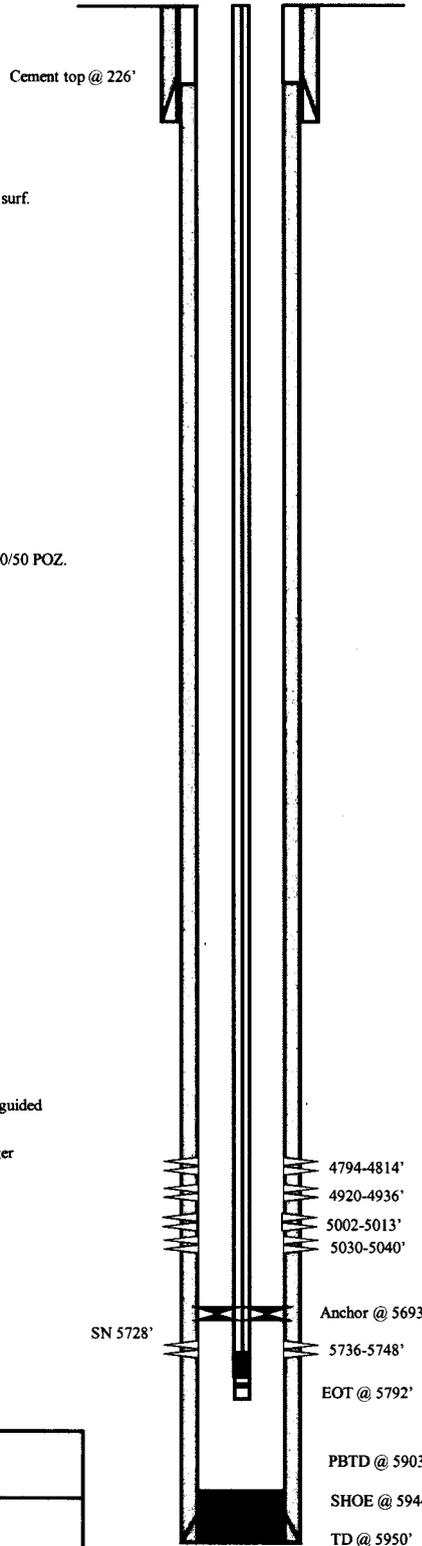
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 181 jts (5693')
TUBING ANCHOR: 5693' KB
NO. OF JOINTS: 1 jts (31.6')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5728.4' KB
NO. OF JOINTS: 2 jts (63.0')
TOTAL STRING LENGTH: EOT @ 5792.90' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 2-16' 1-4' 1-2' x 3/4" pony sub, 222-3/4' guided rods(103new), 6-1 1/2" weight bars
PUMP SIZE: 2-1/2" x 1-1/2" x 16' x 20 RHAC w/SM plunger
STROKE LENGTH: 120"
PUMP SPEED, SPM: 5 SPM

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

08-29-07	5736-5748'	Frac CP5 sands as follows: 45032# 20/40 sand in 460 bbls Lightning 17 frac fluid. Treated @ avg press of 2371 psi w/avg rate of 24.7 BPM. ISIP 2395 psi. Calc flush: 5971 gal. Actual flush: 5145 gal.
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05/28/08		Tbg leak. Updated tubing and rod detail
6/10/2010		Parted rods. Update rod and tubing details

PERFORATION RECORD

08-24-07	5736-5748'	4 JSPF	48 holes
08-29-07	5030-5040'	4 JSPF	40 holes
08-29-07	5002-5013'	4 JSPF	44 holes
08-29-07	4920-4936'	4 JSPF	64 holes
08-29-07	4794-4814'	4 JSPF	80 holes

NEWFIELD

Federal 10-20-9-16

2041' FSL & 1892' FEL

NW/SE Section 20-T9S-R16E

Duchesne Co, Utah

API # 43-013-33108; Lease # UTU-74391

FEDERAL 1-20-9-16

Spud Date: 05/16/07
 Put on Production: 07/25/07
 GL: 6038' KB: 6050'

Injection Wellbore Diagram

SURFACE CASING

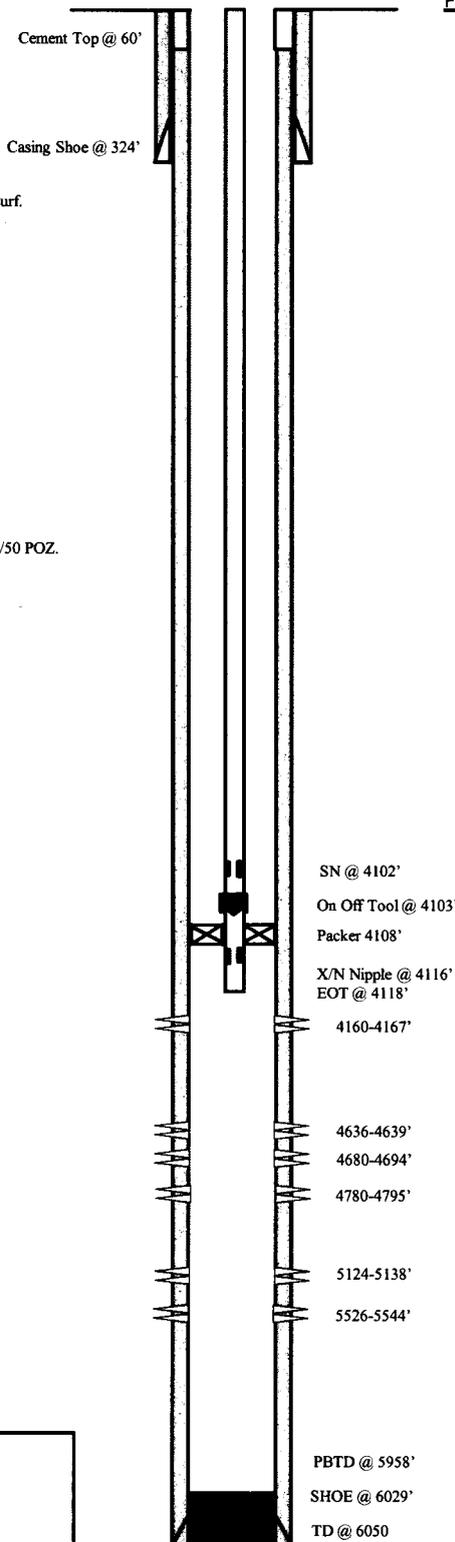
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.36')
 DEPTH LANDED: 324.21' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts. (6015.83')
 DEPTH LANDED: 6029.08' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP: 60'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 133 jts (4089.7')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4102' KB
 ON/OFF TOOL AT: 4102.8'
 ARROW #1 PACKER CE AT: 4107.75'
 XO 2-3/8 x 2-7/8 J-55 AT: 4111.6'
 TBG PUP 2-3/8 J-55 AT: 4112.1'
 X/N NIPPLE AT: 4116.5'
 TOTAL STRING LENGTH: EOT @ 4118'



FRAC JOB

07/19/07	5526-5544'	Frac CP1 sands as follows: 40327# 20/40 sand in 416 bbls Lightning 17 frac fluid. Treated @ avg press of 2186 psi w/avg rate of 24.7 BPM. ISIP 2165 psi. Calc flush: 5524 gal. Actual flush: 5002 gal.
07/19/07	5124-5138'	Frac LODC sands as follows: 60273# 20/40 sand in 510 bbls Lightning 17 frac fluid. Treated @ avg press of 2674 psi w/avg rate of 24.8 BPM. ISIP 2760 psi. Calc flush: 5122 gal. Actual flush: 4582 gal.
07/19/07	4780-4795'	Frac C sands as follows: 60060# 20/40 sand in 510 bbls Lightning 17 frac fluid. Treated @ avg press of 1833 psi w/avg rate of 24.8 BPM. ISIP 1800 psi. Calc flush: 4778 gal. Actual flush: 4288 gal.
07/19/07	4680-4694'	Frac D2 sands as follows: 79938# 20/40 sand in 623 bbls Lightning 17 frac fluid. Treated @ avg press of 1860 psi w/avg rate of 24.8 BPM. ISIP 1960 psi. Calc flush: 4678 gal. Actual flush: 4120 gal
07/20/07	4160-4167'	Frac GB6 sands as follows: 25213# 20/40 sand in 335 bbls Lightning 17 frac fluid. Treated @ avg press of 2145 psi w/avg rate of 24.3 BPM. ISIP 2025 psi. Calc flush: 5503 gal. Actual flush: 4914 gal
1/26/09		Pump Change. Updated r & t details.
10/08/12	4636-4639'	Frac D1 sands as follows: 12260# 20/40 sand in 178 bbls Lightning 17 frac fluid.
10/09/12		Convert to Injection Well
10/12/12		Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

07/10/07	5526-5544'	4 JSPF	72 holes
07/19/07	5124-5138'	4 JSPF	56holes
07/19/07	4780-4795'	4 JSPF	60 holes
07/19/07	4680-4694'	4 JSPF	56 holes
07/19/07	4160-4167'	4 JSPF	28 holes
10/05/12	4636-4639'	3 JSPF	9 holes

NEWFIELD



FEDERAL 1-20-9-16

617' FNL & 652' FEL

NE/NE Section 20-T9S-R16E

Duchesne Co, Utah

API #43-013-33066; Lease # UTU-52018

Federal 7-20-9-16

Spud Date: 6-6-07
 Put on Production: 8-12-05
 GL: 6078' KB: 6090'

Injection Wellbore Diagram

SURFACE CASING

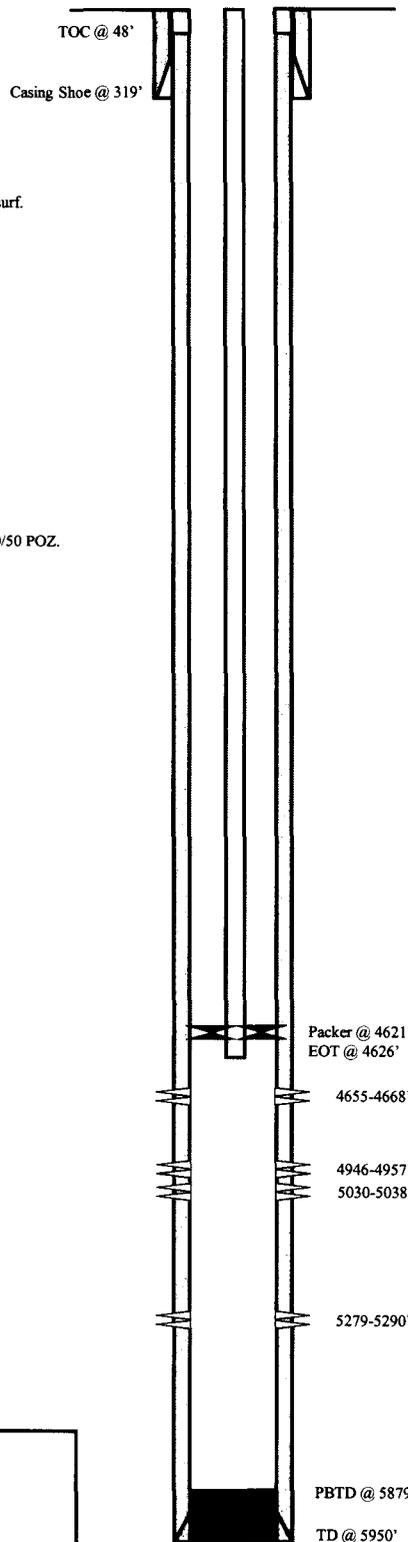
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jnts (306.9')
 DEPTH LANDED: 318.75' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 1343 jts. (5918.61')
 DEPTH LANDED: 5931.86' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP AT: 48'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 146 jts (4605')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4617' KB
 ARROW #1 PKR CE @ 4621.42'
 TOTAL STRING LENGTH: EOT @ 4626'



FRAC JOB

7-9-07	5279-5290''	Frac LODC, sands as follows: 29,554# 20/40 sand in 370 bbls Lightning 17 frac fluid. Treated @ avg press of 1987 psi w/avg rate of 24.7 BPM. ISIP 2284 psi. Calc flush: 5277 gal. Actual flush: 4746 gal.
7-9-07	5030-5038'	Frac LODC sands as follows: 24,274# 20/40 sand in 368 bbls Lightning 17 frac fluid. Treated @ avg press of 2044 psi w/avg rate of 24.7 BPM. ISIP 2143 psi. Calc flush: 5028 gal. Actual flush: 4557 gal.
7-9-07	4946-4957'	Frac A3 sands as follows: 40,017# 20/40 sand in 427 bbls Lightning 17 frac fluid. Treated @ avg press of 1862 psi w/avg rate of 24.7 BPM. ISIP 2238 psi. Calc flush: 4944 gal. Actual flush: 4389 gal.
7-9-07	4655-4668'	Frac D3 sands as follows: 48,763# 20/40 sand in 450 bbls Lightning 17 frac fluid. 24.8 BPM. Calc flush: 4653 gal. Actual flush: 4578 gal.
6/9/09		Stuck Pump. Updated rod & tubing details.
5/26/11		Pump Change. Updated rod and tubing detail.
01/30/12		Parted rods. Updated rod and tubing detail
3/12/12		Pump change: Updated rod & tubing detail
5/9/12		Convert to Injection Well
5/11/12		Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

7-3-07	5279-5290'	4 JSPF	44 holes
7-9-07	5030-5038'	4 JSPF	32 holes
7-9-07	4946-4957'	4 JSPF	44 holes
7-9-07	4655-4668'	4 JSPF	52 holes

NEWFIELD

Federal 7-20-9-16

2098' FNL & 1961' FEL

SW/NE Section 20-T9S-R16E

Duchesne Co, Utah

API #43-013-33106; Lease #UTU-52018

FEDERAL 8-20-9-16

Spud Date: 06/05/07
 Put on Production: 07/09/07
 GL: 6055' KB: 6067'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (301.95')
 DEPTH LANDED: 313.8' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, circ. 4 bbls to surf.

PRODUCTION CASING

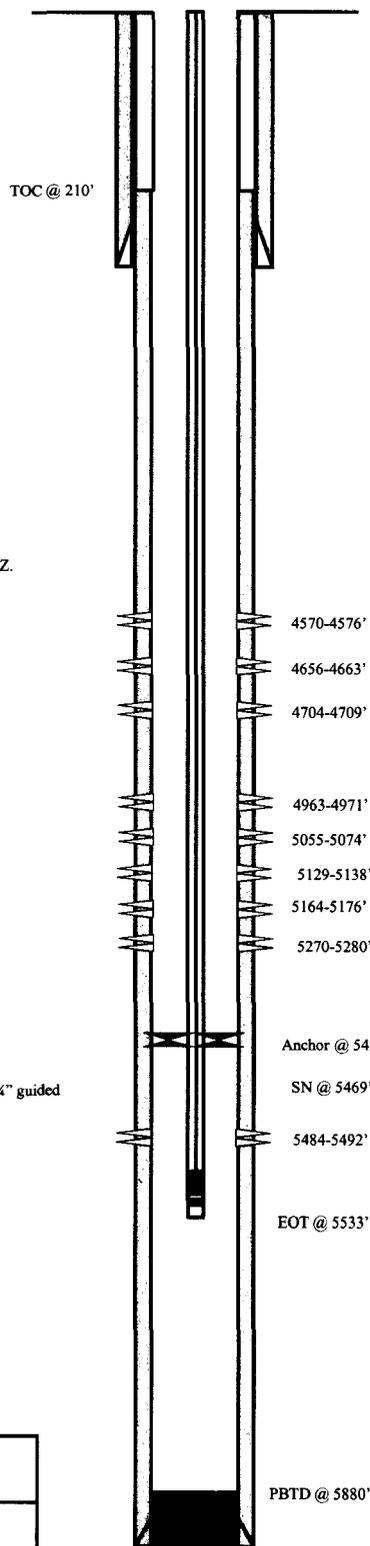
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 134 jts. (5920.75')
 DEPTH LANDED: 5934.00' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs PremLite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP: 210' per CBL 6/28/07

TUBING (GI 5/21/10)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 174 jts (5422.26')
 TUBING ANCHOR: 5434.26' KB
 NO. OF JOINTS: 1 jt (31.65')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5468.71' KB
 NO. OF JOINTS: 2 jts (62.72')
 TOTAL STRING LENGTH: EOT @ 5532.98' KB

SUCKER RODS (GI 5/21/10)

POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 100 x 3/4" guided rods, 58 x 3/4" sucker rods, 54 x 3/4" guided rods, 6 x 1-1/2" weight bars
 PUMP SIZE: 2-1/2" x 1-1/2" x 12" x 16" RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 4.0
 PUMPING UNIT: WEATHERFORD C-228-213-86



FRAC JOB

07/02/07	5484-5492'	Frac CP1 sands as follows: 15470# 20/40 sand in 274 bbls Lightning 17 frac fluid. Treated @ avg press of 2490 psi w/avg rate of 24.6 BPM. ISIP 2369 psi. Calc flush: 5482 gal. Actual flush: 4981 gal.
07/02/07	5270-5280'	Frac LODC sands as follows: 29548# 20/40 sand in 365 bbls Lightning 17 frac fluid. Treated @ avg press of 2397 psi w/avg rate of 24.4 BPM. ISIP 2486 psi. Calc flush: 5268 gal. Actual flush: 4796 gal.
07/02/07	5129-5176'	Frac LODC sands as follows: 4712# 20/40 sand in 389 bbls Lightning 17 frac fluid. Blender Broke. Need to Refrac. ISIP 2340 psi. Calc. flush: 5127 gal. Actual flush: 5292 gal.
07/03/07	5129-5176'	Frac LODC sands as follows: 95147# 20/40 sand in 706 bbls Lightning 17 frac fluid. Treated @ avg press of 2554 psi w/avg rate of 24 BPM. ISIP 2775 psi. Calc flush: 5127 gal. Actual flush: 4662 gal.
07/03/07	5055-5074'	Frac LODC sands as follows: 71220# 20/40 sand in 719 bbls Lightning 17 frac fluid. Treated @ avg press of 2372 psi w/avg rate of 24.3 BPM. ISIP 2680 psi. Calc flush: 5053 gal. Actual flush: 5095 gal.
07/03/07	4963-4971'	Frac A1 sands as follows: 40277# 20/40 sand in 492 bbls Lightning 17 frac fluid. Treated @ avg press of 2725 psi w/avg rate of 24.5 BPM. ISIP 2290 psi. Calc flush: 4961 gal. Actual flush: 4452 gal
07/05/07	4656-4709'	Frac D3&C sands as follows: 29723# 20/40 sand in 376 bbls Lightning 17 frac fluid. Treated @ avg press of 1630 psi w/avg rate of 24.5 BPM. ISIP 1700 psi. Calc flush: 4654 gal. Actual flush: 4200 gal
07/05/07	4570-4576'	Frac D1 sands as follows: 42080# 20/40 sand in 356 bbls Lightning 17 frac fluid. Treated @ avg press of 1829 psi w/avg rate of 24.4 BPM. ISIP 1875 psi. Calc flush: 4568 gal. Actual flush: 4494 gal.
2/10/09	5129-5138'	Pump Change. Updated r & t details.
5/26/2010	5164-5176'	Tubing leak. Updated rod and tubing detail.
	5270-5280'	

PERFORATION RECORD

06/28/07	5484-5492'	4 JSPF	32 holes
07/02/07	5270-5280'	4 JSPF	40 holes
07/02/07	5164-5176'	4 JSPF	48 holes
07/02/07	5129-5138'	4 JSPF	36 holes
07/03/07	5055-5074'	4 JSPF	76 holes
07/03/07	4963-4971'	4 JSPF	32 holes
07/03/07	4704-4709'	4 JSPF	20 holes
07/03/07	4656-4663'	4 JSPF	28 holes
07/05/07	4570-4576'	4 JSPF	24 holes

NEWFIELD

FEDERAL 8-20-9-16

2133'FNL & 746' FEL

SE/NE Section 20-T9S-R16E

Duchesne Co, Utah

API #43-013-33107; Lease # UTU-52018

Federal 9-20-9-16

Spud Date: 6-14-07
 Put on Production: 8-23-07
 GL: 6095' KB: 6107'

Injection Wellbore Diagram

SURFACE CASING

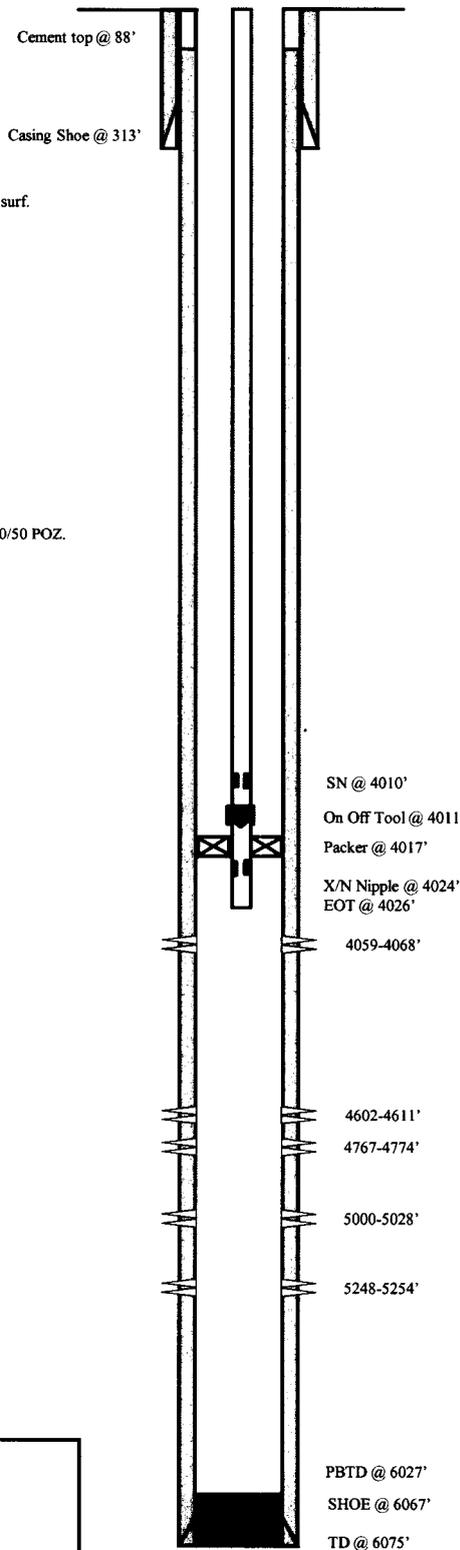
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (302.22')
 DEPTH LANDED: 313.12' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 8 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 156 jts (6053.98')
 DEPTH LANDED: 6067.23' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP AT: 88'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 127 jts (3997.8')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4009.8' KB
 ON/OFF TOOL AT: 4010.9'
 ARROW #1 PACKER CE AT: 4016.8'
 XO 2-3/8 x 2-7/8 J-55 AT: 4019.7'
 TBG PUP 2-3/8 J-55 AT: 4020.2'
 X/N NIPPLE AT: 4024.3'
 TOTAL STRING LENGTH: EOT @ 4026'



FRAC JOB

08-17-07	5248-5254'	Frac LODC sands as follows: 14994# 20/40 sand in 282 bbls Lightning 17 frac fluid. Treated @ avg press of 2477 psi w/avg rate of 24.8 BPM. ISIP 2540 psi. Calc flush: 5246 gal. Actual flush: 4704 gal.
08-17	5000-5028'	Frac LODC sands as follows: 151355# 20/40 sand in 1050 bbls Lightning 17 frac fluid. Treated @ avg press of 1647 psi w/avg rate of 24.8 BPM. ISIP 2100 psi. Calc flush: 4998 gal. Actual flush: 4494 gal.
08-17-07	4764-4774'	Frac B.5 sands as follows: 19761# 20/40 sand in 294 bbls Lightning 17 frac fluid. Treated @ avg press of 2232 psi w/avg rate of 24.8 BPM. ISIP 4148 psi. Calc flush: 4762 gal. Actual flush: 3839 gal.
08-17-07	4602-4611'	Frac D2 sand as follows: 45991# 20/40 sand in 435 bbls Lightning 17 frac fluid. Treated @ avg press of 2094 w/ avg rate of 24.8 BPM. ISIP 1850 psi. Calc flush: 4600 gal. Actual flush: 4515 gal.
2/1/2010		Pump change. Updated rod and tubing detail.
12/05/12	4059-4068'	Frac GB4 sand as follows: 21580# 20/40 sand in 250 bbls Lightning 17 frac fluid.
12/06/12		Convert to Injection Well
12/11/12		Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

Date	Depth Range	JSPF	Holes
08-13-07	5248-5254'	4 JSPF	24 holes
08-17-07	5000-5028'	4 JSPF	112 holes
08-17-07	4767-4774'	4 JSPF	28 holes
08-17-07	4602-4611'	4 JSPF	36 holes
12/04/12	4059-4068'	3 JSPF	27 holes

NEWFIELD



Federal 9-20-9-16
 2011' FSL & 789' FEL
 NE/SE Section 20-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33068; Lease # UTU-74391

Federal 11-20-9-16

Spud Date: 11/29/05
 Put on Production: 11/17/06
 K.B.: 6154, G.L.: 6142

Injection Wellbore Diagram

SURFACE CASING

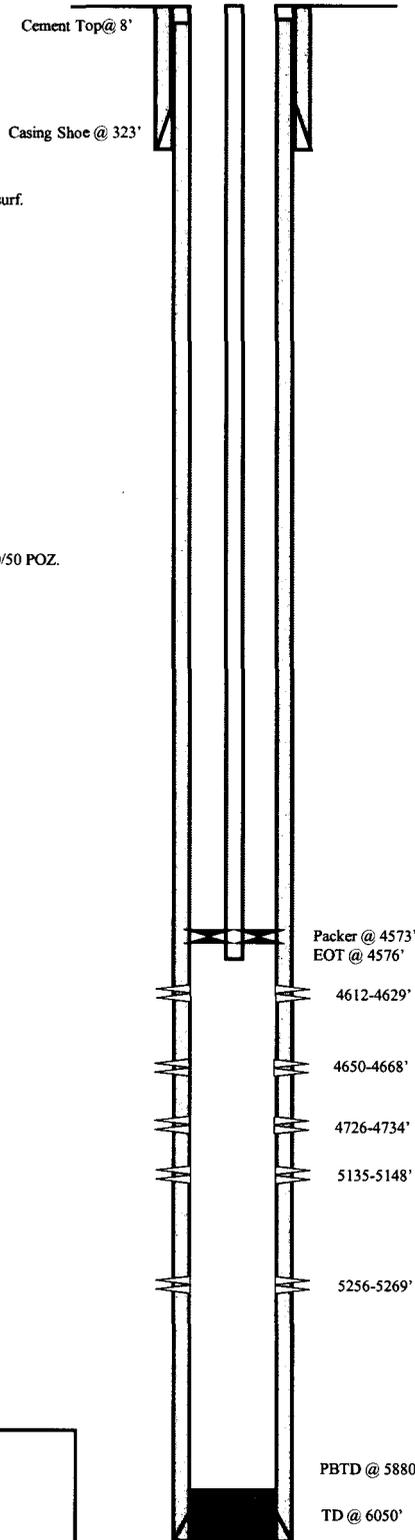
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (262.90')
 DEPTH LANDED: 323.15' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 300 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 136 jts. (6010.04')
 DEPTH LANDED: 6023.29' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 145 jts (4556.4')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4568.4' KB
 CE @ 4572.77'
 TOTAL STRING LENGTH: EOT @ 4575.87' KB



FRAC JOB

11/13/06	5256-5269'	Frac LODC sands as follows: 78169# 20/40 sand in 622 bbls Lightning 17 frac fluid. Treated @ avg press of 2527 psi w/avg rate of 25.4 BPM. ISIP 2720 psi. Calc flush: 5267 gal. Actual flush: 4746 gal.
11/13/06	5135-5148'	Frac LODC sands as follows: 101332# 20/40 sand in 784 bbls Lightning 17 frac fluid. Treated @ avg press of 1660 psi w/avg rate of 24.2 BPM. ISIP 1800 psi. Calc flush: 5146 gal. Actual flush: 4620 gal.
11/13/06	4612-4629'	Frac C, D3 sands as follows: 184392# 20/40 sand in 1225 bbls Lightning 17 frac fluid. Treated @ avg press of 1436 psi w/avg rate of 24.3BPM. 1640 psi. Calc flush: 4627 gal. Actual flush: 4494 gal.
11/27/06		Pump Change. Update rod and tubing details.
		Major Workover
05/14/08	4612-4629'	Acidize D2 sands: Pump 16.6 bbls techni-hib 767, W/ 10.1 bbls acid., ISIP @ 950 psi.
05/14/08	4650-4668'	Acidize D3 sands: Pump 16 bbls techni-hib 767, W/ 10.7 bbls acid., ISIP @ 675 psi.
1/9/09		Tubing Leak. Updated rod & tubing details.
2/2/2010		Tubing leak. Updated rod and tubing details.
11/20/2010		Tubing leak. Updated rod and tubing detail.
3/20/2012		Tubing leak: Updated rod and tubing detail.
04/11/12		Convert to Injection Well
04/17/12		Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

11/06/06	5256-5269'	4 JSPF	52 holes
11/13/06	5135-5148'	4 JSPF	52 holes
11/13/06	4726-4734'	4 JSPF	32 holes
11/13/06	4650-4668'	4 JSPF	72 holes
11/13/06	4612-4629'	4 JSPF	68 holes

NEWFIELD



Federal 11-20-9-16

2143' FSL & 2155' FWL

NE/SW Section 20-T9S-R15E

Duchesne Co, Utah

API #43-013-32598; Lease #UTU-74391

Federal 15-20-9-16

Spud Date: 6-13-07
 Put on Production: 08-14-07
 GL: 6153' KB: 6165'

Injection Wellbore Diagram

SURFACE CASING

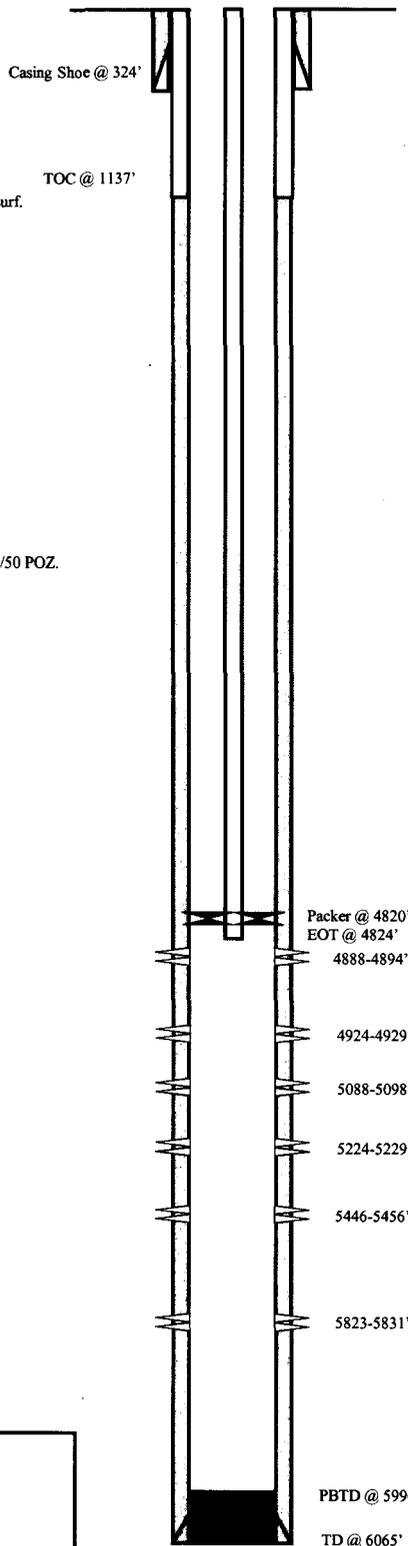
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (312.79')
 DEPTH LANDED: 323.69' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 8 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 139 jts (6043.69')
 DEPTH LANDED: 6030.94' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 1137'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 153 jts (4803.5')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4815.5' KB
 CE @ 4819.71'
 TOTAL STRING LENGTH: EOT @ 4824' KB



FRAC JOB

08-08-07	5823-5831'	Frac BS sands as follows: 19449# 20/40 sand in 339 bbls Lightning 17 frac fluid. Treated @ avg press of 2516 psi w/avg rate of 24.8 BPM. ISIP 2815 psi. Calc flush: 5821 gal. Actual flush: 5292 gal.
08-08-07	5446-5456'	Frac CPI sands as follows: 19887# 20/40 sand in 339 bbls Lightning 17 frac fluid. Treated @ avg press of 2181 psi w/avg rate of 24.8 BPM. ISIP 2290 psi. Calc flush: 5444 gal. Actual flush: 4914 gal.
08-08-07	5224-5229'	Frac LODC sands as follows: 15479# 20/40 sand in 292 bbls Lightning 17 frac fluid. Treated @ avg press of 2849 psi w/avg rate of 24.8 BPM. ISIP 2870 psi. Calc flush: 5222 gal. Actual flush: 4717 gal.
08-08-07	5088-5098'	Frac LODC sand as follows: 29995# 20/40 sand in 397 bbls Lightning 17 frac fluid. Treated @ avg press of 2440 w/avg rate of 24.8 BPM. ISIP 2430 psi. Calc flush: 5086 gal. Actual flush: 4578 gal.
08-08-07	4888-4929'	Frac A1, & A.5 sand as follows: 31089# 20/40 sand in 391 bbls Lightning 17 frac fluid. Treated @ avg press of 2233 w/avg rate of 24.8 BPM. ISIP 2255 psi. Calc flush: 4886 gal. Actual flush: 4830 gal.
4-10-08		Major workover. Acidized fracs and updated rod and tubing details.
07/15/11		Pump Change. Rods & tubing updated.
04/12/12		Convert to Injection Well
04/17/12		Conversion MIT Finalized - tbg detail updated

PERFORATION RECORD

Date	Interval	Tool	Holes
08-02-07	5823-5831'	4 JSPF	32 holes
08-08-07	5446-5456'	4 JSPF	40 holes
08-08-07	5224-5229'	4 JSPF	20 holes
08-08-07	5088-5098'	4 JSPF	40 holes
08-08-07	4924-4929'	4 JSPF	20 holes
08-08-07	4888-4894'	4 JSPF	24 holes

NEWFIELD

Federal 15-20-9-16

660' FSL & 1980' FEL
 SW/SE Section 20-T9S-R16E
 Duchesne Co, Utah

API # 43-013-33105; Lease # UTU-74391

FEDERAL 16-20-9-16

Spud Date: 05/29/07
 Put on Production: 08/21/07
 GL: 6129' KB: 6141'

Injection Wellbore Diagram

SURFACE CASING

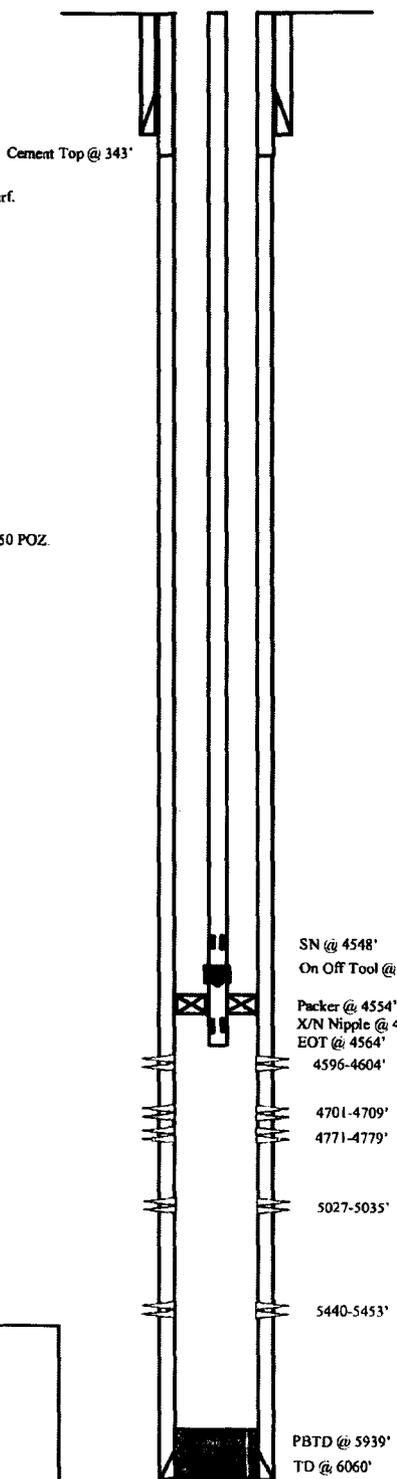
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (295.42')
 DEPTH LANDED: 306.32' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 155 jts. (5977.37')
 DEPTH LANDED: 5978.62' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 144 jts (4536.4')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4548.4' KB
 ON/OFF TOOL AT: 4549.5'
 ARROW #1 PACKER CE AT: 4554.45'
 XO 2-3/8 x 2-7/8 J-55 AT: 4558.2'
 TBG PUP 2-3/8 J-55 AT: 4558.7'
 X/N NIPPLE AT: 4562.8'
 TOTAL STRING LENGTH: EOT @ 4564.4'



FRAC JOB

08/13/07 5440-5453' **Frac CPI sands as follows:**
 29557# 20/40 sand in 412 bbls Lightning 17 frac fluid. Treated @ avg press of 2090 psi w/avg rate of 24.5 BPM. ISIP 2215 psi. Calc flush: 5438 gal. Actual flush: 4956 gal.

08/16/07 5027-5035' **Frac LODC sands as follows:**
 19063# 20/40 sand in 311 bbls Lightning 17 frac fluid. Treated @ avg press of 2091 psi w/avg rate of 24.8 BPM. ISIP 2350 psi. Calc flush: 5025 gal. Actual flush: 4536 gal.

08/16/07 4771-4779' **Frac B1 sands as follows:**
 46260# 20/40 sand in 432 bbls Lightning 17 frac fluid. Treated @ avg press of 2079 psi w/avg rate of 24.8 BPM. ISIP 1940 psi. Calc flush: 4769 gal. Actual flush: 4326 gal.

08/16/07 4701-4709' **Frac C sands as follows:**
 108507# 20/40 sand in 795 bbls Lightning 17 frac fluid. Treated @ avg press of 2113 psi w/avg rate of 24.8 BPM. ISIP 1995 psi. Calc flush: 4698 gal. Actual flush: 4200 gal.

08/16/07 4596-4604' **Frac D2 sands as follows:**
 44879# 20/40 sand in 429 bbls Lightning 17 frac fluid. Treated @ avg press of 2001 psi w/avg rate of 24.8 BPM. ISIP 1840 psi. Calc flush: 4594 gal. Actual flush: 4536 gal.

02/04/14 **Convert to Injection Well**
 02/05/14 **Conversion MIT Finalized - update the detail**

PERFORATION RECORD

08/07/07	5440-5453'	4 JSPF	52 holes
08/16/07	5027-5035'	4 JSPF	32 holes
08/16/07	4771-4779'	4 JSPF	32 holes
08/16/07	4701-4709'	4 JSPF	32 holes
08/16/07	4596-4604'	4 JSPF	32 holes

NEWFIELD

FEDERAL 16-20-9-16
 716' FSL & 920' FEL
 SE/SE Section 20-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33109; Lease # UTU-74391

Put on Production: 09/11/1996
K.B.: 6107' G.L.: 6097'

Monument Federal 22-20-9-16

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (253.07')
DEPTH LANDED: 263.07' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G"

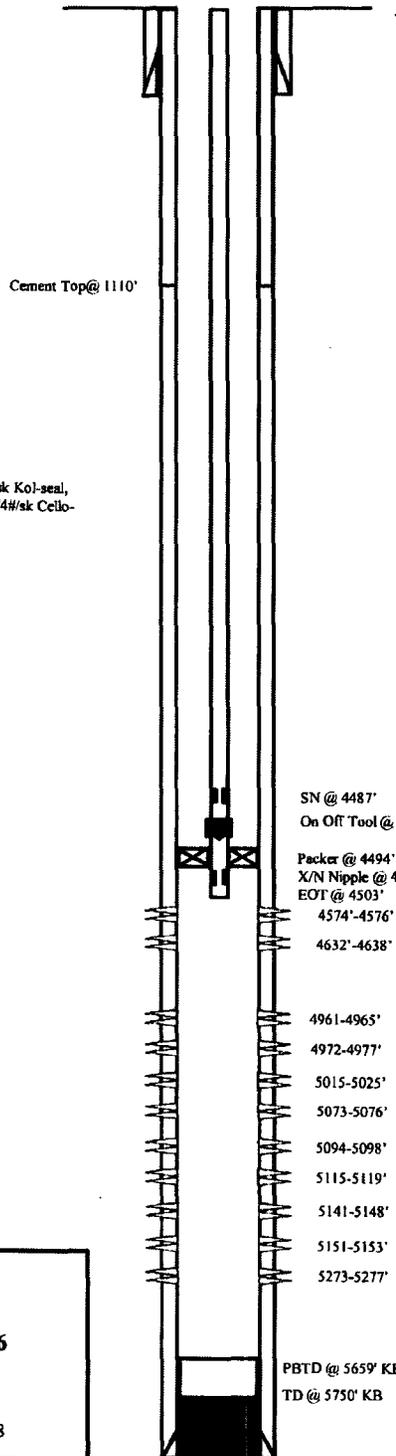
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: (5696.5')
DEPTH LANDED: 5706.5'
HOLE SIZE: 7-7/8"
CEMENT DATA: 181 sxs super "G", 3% salt, 2% gel, 2#/sk Kol-seal, 1/4#/sk Cello-flake, Tail w/ 400 sxs 50/50 POZ, 2% gel, 1/4#/sk Cello-flake, 2#/sk Kol-seal.
CEMENT TOP AT: 1110'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 143 jts (4477.4')
SEATING NIPPLE: 2-7/8" (1 10')
SN LANDED AT: 4487.4' KB
ON/OFF TOOL AT: 4488.5'
"X" SEAL NIPPLE 1.875" @ 4490'
ARROW #1 PACKER CE AT: 4493.62'
XO 2-3/8 x 2-7/8 J-55 AT: 4497.3'
TBG PUP 2-3/8 J-55 AT: 4497.8'
X/N NIPPLE AT: 4501.8'
TOTAL STRING LENGTH: EOT @ 4503.4'

Injection Wellbore Diagram



ACID JOB BREAKDOWN

8/20/96	5273'-5277'	BJ Services: 2058 gal 2% KCL water w/ 32 ball sealers. Ball action but no ball off. ATP= 3000 psi, ATR= 3.5 bpm, ISP= 1920 psi
8/22/96	4961'-4965' 4972'-4977'	BJ Services: 1808 gal 2% KCL water w/ 28 ball sealers. Balled off. ATP= 2200 psi, ATR= 4.0 bpm, ISP= 1500 psi
8/22/96	5015'-5025'	BJ Services: 2100 gal 2% KCL water w/ 40 ball sealers. Balled off. ATP= 2600 psi, ATR= 3.8 bpm, ISP= 1500 psi
8/22/96	5073'-5076' 5094'-5098' 5115'-5119'	BJ Services: 2394 gal 2% KCL water w/ 44 ball sealers. Balled off. ATP= 2600 psi, ATR= 4.0 bpm, ISP= 1300 psi
8/22/96	5141'-5148' 5151'-5153'	BJ Services: 2436 gal 2% KCL w water w/ 36 ball sealers. Balled off. ATP= 3600 psi, ATR= 3.4 bpm, ISP= 2100 psi
8/29/96	4574'-4576'	BJ Services: 1554 gal 2% KCL water w/ 8 ball sealers. Balled off. ATP= 2700 psi, ATR= 4.2 bpm, ISP= 1550 psi
8/29/96	4632'-4638'	BJ Services: 1722 gal 2% KCL water w/ 20 ball sealers. Ball action but no ball off. ATP= 3000 psi, ATR= 3.8 bpm, ISP= 1400 psi

FRAC JOB

8/21/96	5273'-5277'	BJ Services: 11,214 gal 2% KCL water w/ 5700# 20/40 sand & 10,000# 16/30 sand. ATP= 3500 psi, ATR= 19.8 bpm, ISIP= 2430 psi, 5 min= 2150 psi, 10 min= 2090 psi, 15 min= 2020 psi, 30 min= 1910 psi.
8/23/96	4961'-5153'	BJ Services: 52,826 gal 2% KCL water w/ 52,200# 20/40 sand & 119,780# 16/30 sand. ATP= 2800 psi, ATR= 55.8 bpm, ISIP= 2110 psi, 5 min= 1756 psi, 10 min= 1630 psi, 15 min= 1560 psi, 30 min= 1450 psi.
8/30/96	4574'-4576' 4632'-4638'	BJ Services: 13,398 gal 2% KCL water w/ 36,400# 16/30 sand. ATP= 3500 psi, ATR= 29.8 bpm, ISIP= 1870 psi, 5 min= 1600 psi, 10 min= 1430 psi, 15 min= 1330 psi, 30 min= 1090 psi.
02/04/14		Convert to Injection Well
02/05/14		Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

8/20/96	Schlumberger	5273'-5277'	4 SPF
8/22/96	Schlumberger	4961'-4965'	2 SPF
		4972'-4977'	2 SPF
		5015'-5025'	2 SPF
		5073'-5076'	2 SPF
		5094'-5098'	2 SPF
		5115'-5119'	2 SPF
		5141'-5148'	2 SPF
		5151'-5153'	2 SPF
8/29/96	Schlumberger	4574'-4576'	4 Holes
		4632'-4638'	10 Holes

NEWFIELD

Monument Federal 22-20-9-16
1980' FNL & 1980' FWL
SE/NW Section 20-T9S-R16E
Duchesne Co, Utah
API #43-013-31681; Lease #UTU-52018

Federal 5-21-9-16

Spud Date: 10/21/06
 Put on Production: 12/02/06
 K.B.: 6048' G.L.: 6036'

Injection Wellbore Diagram

SURFACE CASING

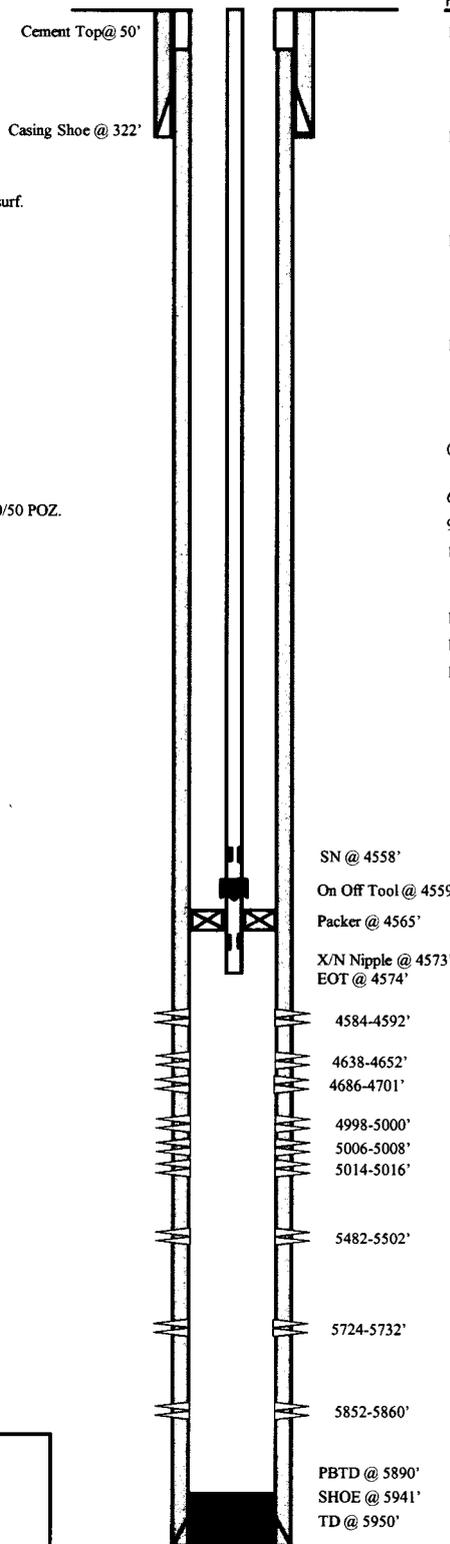
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (310.62')
 DEPTH LANDED: 322.47' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 135 jts. (5927.96')
 DEPTH LANDED: 5941.21' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP: 50'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 141 jts (4545.8')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4557.8' KB
 ON/OFF TOOL AT: 4558.9'
 ARROW #1 PACKER CE AT: 4564.8'
 XO 2-3/8 x 2-7/8 J-55 AT: 4567.7'
 TBG PUP 2-3/8 J-55 AT: 4568.2'
 X/N NIPPLE AT: 4572.3'
 TOTAL STRING LENGTH: EOT @ 4574'



FRAC JOB

11/22/06	5852-5860'	Frac CP5 sands as follows: 24030# 20/40 sand in 364 bbls Lightning 17 frac fluid. Treated @ avg press of 2590 psi w/avg rate of 24.8 BPM. ISIP 2850 psi. Calc flush: 5858 gal. Actual flush: 5334 gal.
11/22/06	5724-5732'	Frac CP4 sands as follows: 37476# 20/40 sand in 415 bbls Lightning 17 frac fluid. Treated @ avg press of 2400 psi w/avg rate of 24.9 BPM. ISIP 2500 psi. Calc flush: 5730 gal. Actual flush: 5216 gal.
11/22/06	5482-5502'	Frac CP1 sands as follows: 56615# 20/40 sand in 467 bbls Lightning 17 frac fluid. Treated @ avg press of 1940 psi w/avg rate of 24.9 BPM. ISIP 2200 psi. Calc flush: 5500 gal. Actual flush: 4977 gal.
11/24/06	4584-4652'	Frac D1, D2 sands as follows: 156867# 20/40 sand in 1002 bbls Lightning 17 frac fluid. Treated @ avg press of 1675 psi w/avg rate of 25.1 BPM. ISIP 1960 psi. Calc flush: 4650 gal. Actual flush: 4494 gal.
03/21/07		Pump Change: Updated rod and tubing detail.
6/1/2010		Pump change. Updated rod and tubing detail.
9/7/2010		Pump change. Updated rod and tubing detail.
10/22/10	4998-5016'	Frac A3 sands as follows: 61766# 20/40 sand in 501 bbls Lightning 17 frac fluid.
10/25/10		Re-Completion Finalized
12/13/12		Convert to Injection Well
12/14/12		Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

11/09/06	5852-5860'	4 JSPF	32 holes
11/22/06	5724-5732'	4 JSPF	32 holes
11/22/06	5482-5502'	4 JSPF	80 holes
11/24/06	4686-4701'	4 JSPF	60 holes
11/24/06	4638-4652'	4 JSPF	56 holes
11/24/06	4584-4592'	4 JSPF	32 holes
10/22/10	5014-5016'	3 JSPF	6 holes
10/22/10	5006-5008'	3 JSPF	6 holes
10/22/10	4998-5000'	3 JSPF	6 holes

NEWFIELD



Federal 5-21-9-16
 2033' FNL & 551' FWL
 SW/NW Section 21-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33020; Lease # UTU-64379

Federal 12-21-9-16

Spud Date: 7-30-07
 Put on Production: 8-28-07
 GL: 6054' KB: 6066'

Initial Production: BOPD,
 MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (302.22')
 DEPTH LANDED: 313.23' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 149 jts (6047.38')
 DEPTH LANDED: 6061.02' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 152'

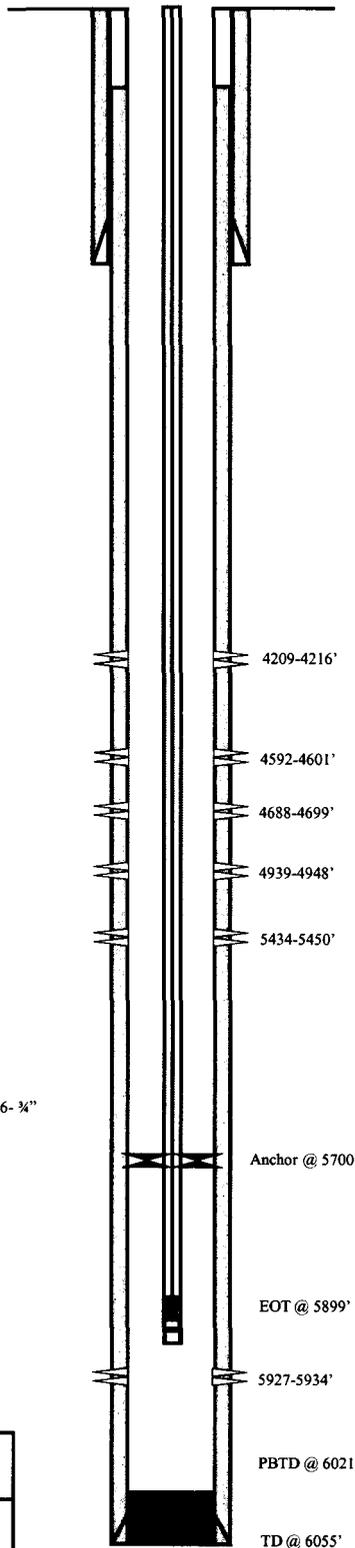
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 181 jts (5688.)
 TUBING ANCHOR: 5700.' KB
 NO. OF JOINTS: 2 jts (63.00')
 SEATING NIPPLE: 2-7/8" (1.10")
 SN LANDED AT: 5766.' KB
 NO. OF JOINTS: 1 jts (31.50')
 GAS ANCHOR: 5799
 NO. OF JOINTS: 3 jts (94.6)
 TOTAL STRING LENGTH: EOT @ 5899' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-4', 1-8' X 3/4" Pony Rods, 99- 3/4" guided rods, 106- 3/4" plain rods, 19- 3/4" guided rods, 6-1 1/2" sinker bars.
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM

Wellbore Diagram



FRAC JOB

08-24-07	5927-5934'	Frac BSLS sands as follows: 29629# 20/40 sand in 415 bbls Lightning 17 frac fluid. Treated @ avg press of 2275 psi w/avg rate of 24.7 BPM. ISIP 2025 psi. Calc flush: 5925 gal. Actual flush: 5376 gal.
08-24-07	5434-5450'	Frac CP1 sands as follows: 70328# 20/40 sand in 585 bbls Lightning 17 frac fluid. Treated @ avg press of 2158 psi w/avg rate of 24.7 BPM. ISIP 2435 psi. Calc flush: 5432 gal. Actual flush: 4872 gal.
08-24-07	4939-4948'	Frac A3 sands as follows: 39870# 20/40 sand in 412 bbls Lightning 17 frac fluid. Treated @ avg press of 2105 psi w/avg rate of 24.7 BPM. ISIP 2375 psi. Calc flush: 4937 gal. Actual flush: 4410 gal.
08-24-07	4688-4699'	Frac C sand as follows: 47661# 20/40 sand in 452 bbls Lightning 17 frac fluid. Treated @ avg press of 1903 w/avg rate of 24.7 BPM. ISIP 2075 psi. Calc flush: 4686 gal. Actual flush: 4221 gal.
08-24-07	4592-4601'	Frac D2 sand as follows: 48185# 20/40 sand in 445 bbls Lightning 17 frac fluid. Treated @ avg press of 1687 w/avg rate of 24.7 BPM. ISIP 1740 psi. Calc flush: 4590 gal. Actual flush: 4074 gal.
08-24-07	4209-4216'	Frac pb8 sand as follows: 37092# 20/40 sand in 322 bbls Lightning 17 frac fluid. Treated @ avg press of 2218 w/avg rate of 24.7 BPM. ISIP 3225 psi. Calc flush: 4207 gal. Actual flush: 1718 gal.
12-12-07		Pump Change. Updated rod & tubing details.
10/26/09		Pump Change. Updated rod & tubing details.
10/14/11		Pump Change. Updated rod & tubing details.

PERFORATION RECORD

08-20-07	5927-5934'	4 JSPF	28 holes
08-24-07	5434-5450'	4 JSPF	64 holes
08-24-07	4939-4948'	4 JSPF	36 holes
08-24-07	4688-4699'	4 JSPF	44 holes
08-24-07	4592-4601'	4 JSPF	36 holes
08-24-07	4209-4216'	4 JSPF	28 holes

NEWFIELD

Federal 12-21-9-16

1952' FSL & 557' FWL

NW/SW Section 21-T9S-R16E

Duchesne Co, Utah

API # 43-013-33143; Lease # UTU-74392

NGC Fed. 31-20G-9-16

Spud Date: 1/04/85
 Put on Production: 4/08/85
 GL: 6051' KB: 6063'

Initial Production: 88 BOPD,
 62 MCFPD, 21 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 24#
 LENGTH: 7 jts. (319.75')
 DEPTH LANDED: 319'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 250 sxs Class "H"

PRODUCTION CASING

CSG SIZE: 5-1/2" / J-55 LT&C / 15.5#
 LENGTH: 74 jts.
 CSG SIZE: 5-1/2" / K-55 / 15.5#
 LENGTH: 74 jts.
 DEPTH LANDED: 6118'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 240 sxs Lite, tail w/ 570 sxs Class "H"
 CEMENT TOP AT: 2450' per CBL

TUBING

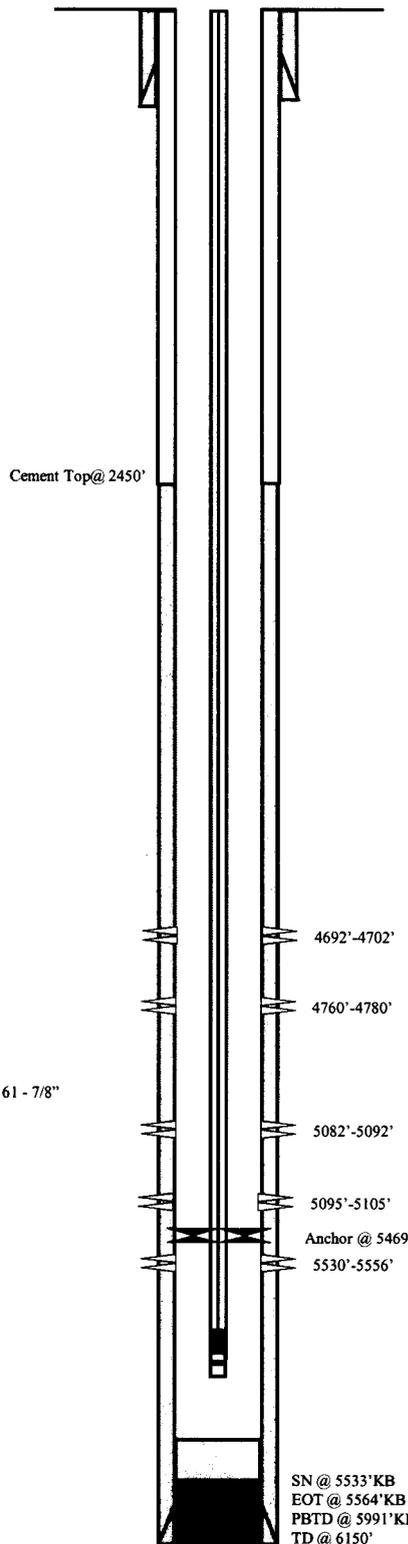
SIZE/GRADE/WT.: 2-7/8" / N-80 / 6.5#
 NO. OF JOINTS: 172 jts. (5457.93')
 TUBING ANCHOR: 5469.93' KB
 NO. OF JOINTS: 2 jts. (62.00')
 SN LANDED AT: 1.10' x 2 7/8" (5533.03') KB
 NO. OF JOINTS: 1 jt. (31.90')
 TOTAL STRING LENGTH: 5564.93' KB

SUCKER RODS

POLISHED ROD: 1-1/4" X 22'
 SUCKER RODS: 4 - 1-1/2" weight rods, 154 - 3/4" slick rods, 61 - 7/8" guided rods, 1-4", 1-6", 1-10" x 7/8" pony rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC
 STROKE LENGTH:
 PUMP SPEED:
 LOGS: DIL, LDT-CNL, EPT, LSS, GR, SP, ABCL, CBL

FRAC JOB

3/10/85	5530'-5556'	Frac zone as follows: 120,000# 20/40 sand + 30,000# 12/20 sand in 1263 bbl gel. Average treating pressure 2800 psi at 20 BPM. ISIP 2500 psi. Calc. flush: 5530 gal. Actual flush: 3654 gal. 3/10/85
3/17/85	4760'-4780'	Frac zone as follows: 45,000# 20/40 sand + 12,135# 12/20 sand in 1112 bbl gel. Average treating pressure 3100 psi at 20 BPM. ISIP 1800 psi. Calc. flush: 4760 gal. Actual flush: 1260 gal.
3/26/85	4692'-4702'	Frac zone as follows: 32,000# 20/40 sand + 14,000# 12/20 sand in 581 bbl gel. Average treating pressure 3200 psi at 25 BPM. ISIP 2000 psi. Calc. flush: 4692 gal. Actual flush: 3444 gal.
1/31/98	5082'-5105'	Frac zone as follows: 120,000# 20/40 sand in 489 bbl gel. Average treating pressure 6600 psi at 24.8 BPM. ISIP 4693 psi. Calc. flush: 1317 gal. Actual flush: 1737 gal.



PERFORATION RECORD

3/02/85	5530'-5556'	4 SPF	104 holes
3/13/85	4764'-4780'	4 SPF	64 holes
3/15/85	4760'-4780'	4 SPF	80 holes
3/23/85	4692'-4702'	4 SPF	40 holes
1/30/98	5082'-5092'	4 SPF	40 holes
1/30/98	5095'-5105'	4 SPF	40 holes

NEWFIELD

NGC Fed. #31-20G-9-16
 540' FNL & 1944' FEL
 NWNE Section 20-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31071; Lease #U-52018

SN @ 5533'KB
 EOT @ 5564'KB
 PBD @ 5991'KB
 TD @ 6150'

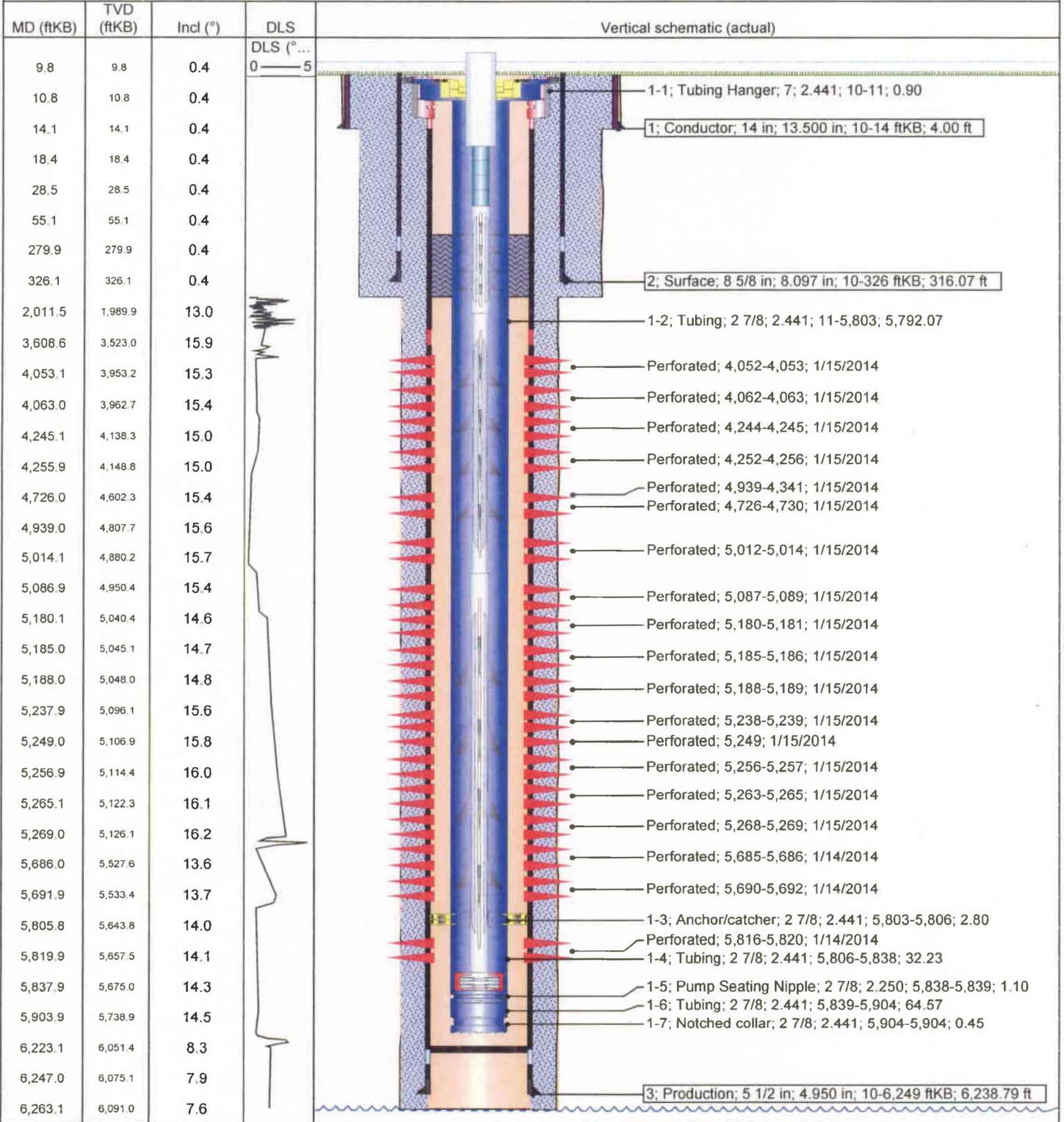
43-013-51564

Well Name: GMBU H-20-9-16

Surface Legal Location SWNE 2110 FNL 1934 FEL Sec 20 T9S R16E Mer SLB				API/UWI 43013515640000	Well RC 500335202	Lease UTU52018	State/Province Utah	Field Name GMBU CTB3	County Duchesne
Spud Date 12/7/2013	Rig Release Date 12/25/2013	On Production Date 1/25/2014	Original KB Elevation (ft) 6,093	Ground Elevation (ft) 6,083	Total Depth All (TVD) (ftKB) Original Hole - 6,090.9	PBD (All) (ftKB) Original Hole - 6,223.1			

Most Recent Job				
Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 1/14/2014	Job End Date 1/22/2014

TD: 6,263.0 Slant - Original Hole, 3/3/2014 6:49:29 AM



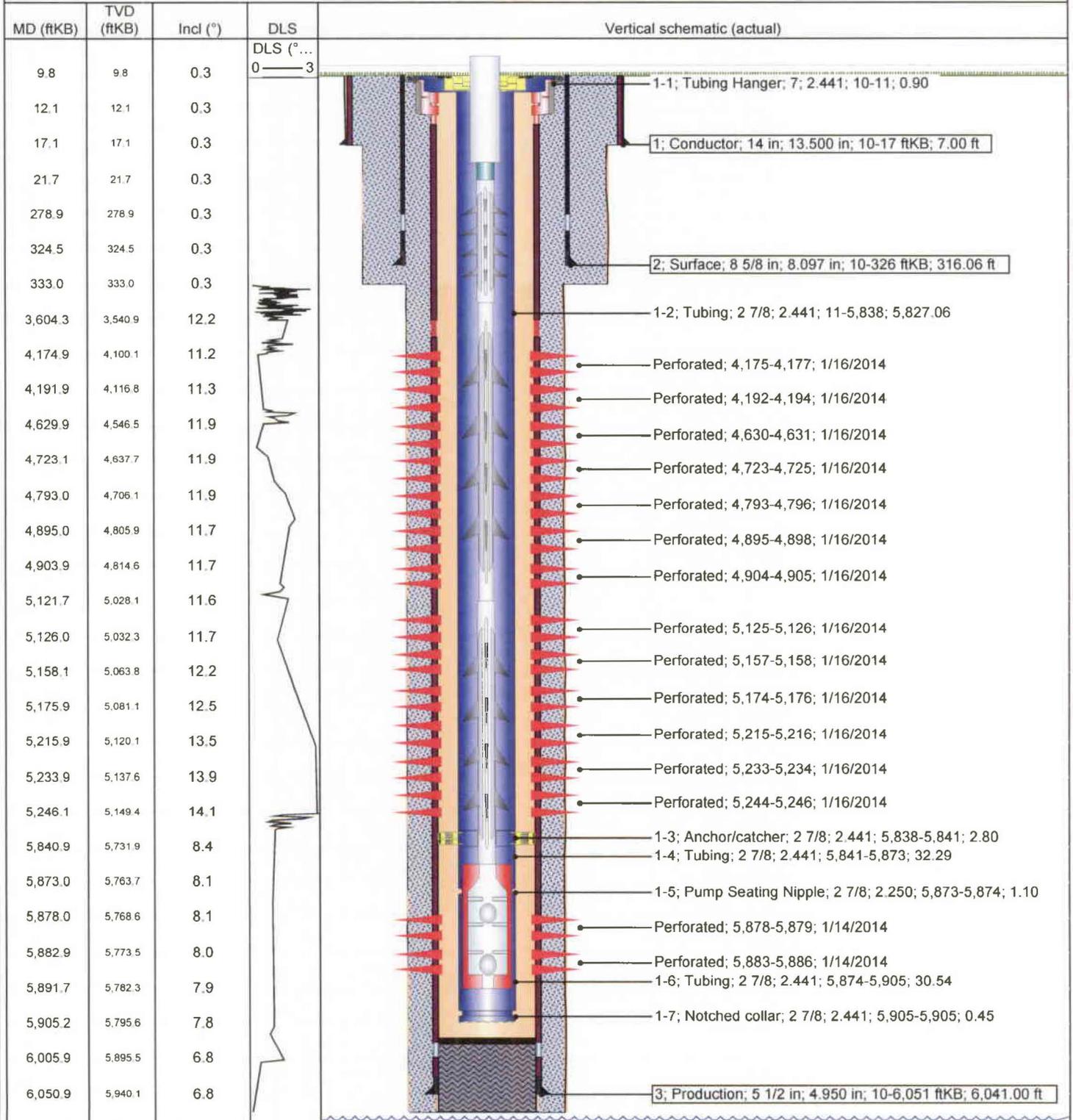
43-013-51577

Well Name: GMBU L-20-9-16

Surface Legal Location SWNE 2117 FNL 1914 FEL Sec 20 T9S R16E Mer SLB		API/UWI 43013515770000	Well RC 500335200	Lease UTU52018	State/Province Utah	Field Name GMBU CTB3	County Duchesne
Spud Date 12/8/2013	Rig Release Date 12/29/2013	On Production Date 1/25/2014	Original KB Elevation (ft) 6,093	Ground Elevation (ft) 6,083	Total Depth All (TVD) (ftKB) Original Hole - 5,954.2	PBTD (All) (ftKB) Original Hole - 6,004.0	

Most Recent Job		Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 1/14/2014	Job End Date 1/25/2014
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TD: 6,065.0 Slant - Original Hole, 2/28/2014 9:53:40 AM



ATTACHMENT F

1 of 5

multi-chem

A HALLIBURTON SERVICE

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
 Well Name: **FEDERAL 10-20-9-16**
 Sample Point: **Well**
 Sample Date: **11/4/2013**
 Sample ID: **WA-257643**

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:	11/12/2013	Sodium (Na):	6492.00	Chloride (Cl):	14000.00
System Temperature 1 (°F):	120	Potassium (K):	36.00	Sulfate (SO ₄):	1434.00
System Pressure 1 (psig):	60	Magnesium (Mg):	14.00	Bicarbonate (HCO ₃):	3416.00
System Temperature 2 (°F):	210	Calcium (Ca):	19.00	Carbonate (CO ₃):	
System Pressure 2 (psig):	60	Strontium (Sr):	2.60	Acetic Acid (CH ₃ COO)	
Calculated Density (g/ml):	1.014	Barium (Ba):	0.19	Propionic Acid (C ₂ H ₅ COO)	
pH:	7.00	Iron (Fe):	12.00	Butanoic Acid (C ₃ H ₇ COO)	
Calculated TDS (mg/L):	25432.19	Zinc (Zn):	0.01	Isobutyric Acid ((CH ₃) ₂ CHCOO)	
CO ₂ in Gas (%):		Lead (Pb):	0.00	Fluoride (F):	
Dissolved CO ₂ (mg/L):	0.00	Ammonia NH ₃ :		Bromine (Br):	
H ₂ S in Gas (%):		Manganese (Mn):	0.18	Silica (SiO ₂):	6.21
H ₂ S in Water (mg/L):	5.00				

Notes:

B=6 Al=28 Li=2.5

(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	60.00	0.76	13.56	0.10	0.02	2.53	4.59	2.68	8.71	0.00	0.00	0.00	0.00	0.00	0.00	5.95	0.00
200.00	60.00	0.68	12.94	0.12	0.03	2.49	4.58	2.60	8.70	0.00	0.00	0.00	0.00	0.00	0.00	6.00	0.00
190.00	60.00	0.61	12.23	0.14	0.03	2.45	4.58	2.53	8.70	0.00	0.00	0.00	0.00	0.00	0.00	6.06	0.00
180.00	60.00	0.53	11.41	0.17	0.04	2.41	4.57	2.45	8.70	0.00	0.00	0.00	0.00	0.00	0.00	6.12	0.00
170.00	60.00	0.46	10.47	0.20	0.04	2.38	4.57	2.37	8.69	0.00	0.00	0.00	0.00	0.00	0.00	6.19	0.00
160.00	60.00	0.38	9.40	0.24	0.05	2.35	4.57	2.30	8.68	0.00	0.00	0.00	0.00	0.00	0.00	6.27	0.00
150.00	60.00	0.31	8.19	0.27	0.05	2.33	4.56	2.22	8.67	0.00	0.00	0.00	0.00	0.00	0.00	6.35	0.00
140.00	60.00	0.25	6.86	0.32	0.06	2.31	4.56	2.14	8.66	0.00	0.00	0.00	0.00	0.00	0.00	6.44	0.00
130.00	60.00	0.18	5.38	0.37	0.07	2.31	4.56	2.06	8.65	0.00	0.00	0.00	0.00	0.00	0.00	6.54	0.00
120.00	60.00	0.12	3.77	0.43	0.07	2.30	4.56	1.97	8.63	0.00	0.00	0.00	0.00	0.00	0.00	6.65	0.00

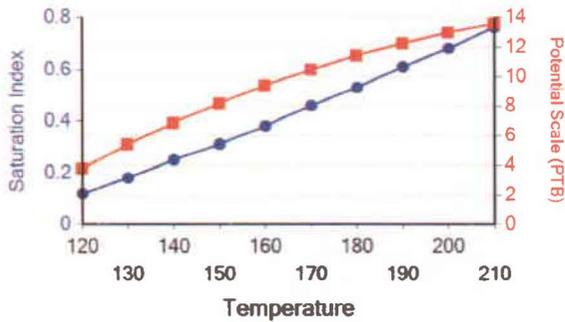
Water Analysis Report

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	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.53	6.65
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.07	6.60
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.60	6.51
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.13	6.38
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.67	6.18
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.21	5.90
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.75	5.53
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.30	5.05
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.85	4.45
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.42	3.71

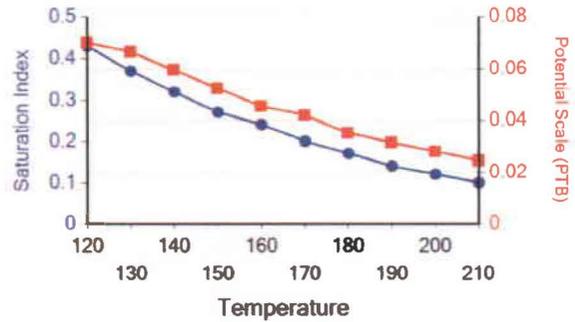
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Fe Silicate

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

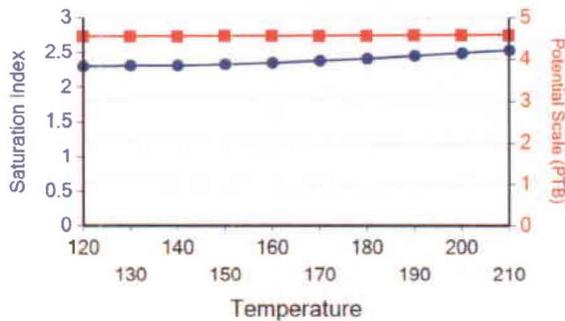
Calcium Carbonate



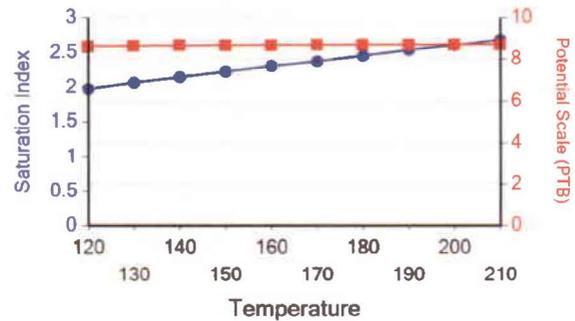
Barium Sulfate



Iron Sulfide

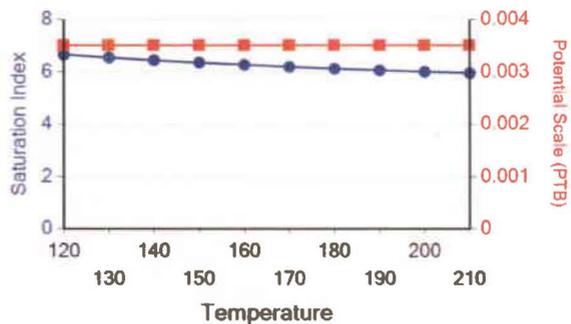


Iron Carbonate

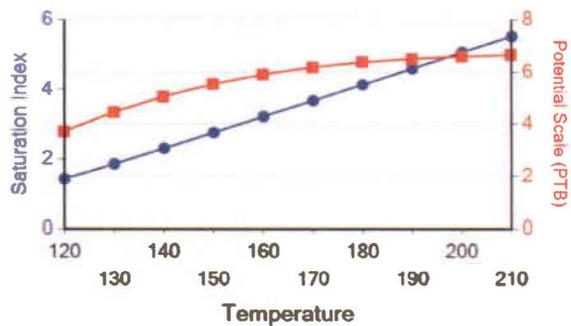


Water Analysis Report

Zinc Sulfide



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			
		Cations		Anions	
		mg/L		mg/L	
Test Date:	11/26/2013	Sodium (Na):	141.00	Chloride (Cl):	1000.00
System Temperature 1 (°F):	120	Potassium (K):	39.00	Sulfate (SO4):	41.00
System Pressure 1 (psig):	2000	Magnesium (Mg):	24.00	Bicarbonate (HCO3):	1122.00
System Temperature 2 (°F):	210	Calcium (Ca):	41.00	Carbonate (CO3):	
System Pressure 2 (psig):	2000	Strontium (Sr):	0.70	Acetic Acid (CH3COO)	
Calculated Density (g/ml):	0.999	Barium (Ba):	0.00	Propionic Acid (C2H5COO)	
pH:	6.50	Iron (Fe):	0.11	Butanoic Acid (C3H7COO)	
Calculated TDS (mg/L):	2413.76	Zinc (Zn):	0.03	Isobutyric Acid ((CH3)2CHCOO)	
CO2 in Gas (%):		Lead (Pb):	0.00	Fluoride (F):	
Dissolved CO2 (mg/L):	24.00	Ammonia NH3:		Bromine (Br):	
H2S in Gas (%):		Manganese (Mn):	0.00	Silica (SiO2):	4.82
H2S in Water (mg/L):	0.00				

Notes:
B=4 Al=18 LI=0

(PTB = Pounds per Thousand Barrels)

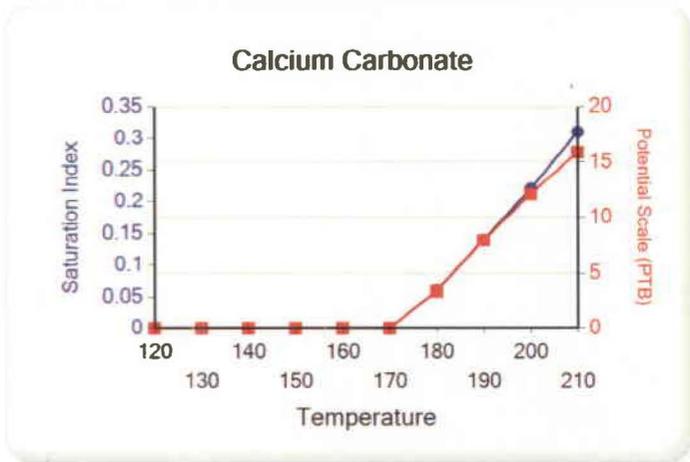
Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	2000.00	0.31	15.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	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 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	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 #10-20-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5736	5748	5742	2395	0.85	2358
5002	5040	5021	2506	0.93	2474
4920	4936	4928	2218	0.88	2186
4794	4814	4804	2205	0.89	2174 ←
				Minimum	<u><u>2174</u></u>

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

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

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

Daily Activity Report**ATTACHMENT 6-1**

1 of 2

Format For Sundry

FEDERAL 10-20-9-16**6/1/2007 To 10/30/2007****8/25/2007 Day: 1****Completion**

Rigless on 8/24/2007 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5860' & cement top @ 226'. Perforate stage #1, CP5 sds @ 5736-48' w/ 3-1/8" Slick Guns (19 gram, .49"HE, 120°) w/ 4 spf for total of 48 shots. 139 bbls EWTR. SWIFN.

8/30/2007 Day: 2**Completion**

Rigless on 8/29/2007 - Stage #1 CP5 sds. RU BJ Services. 671 psi on well. Frac CP5 sds w/ 45,032#'s of 20/40 sand in 460 bbls of Lightning 17 fluid. Broke @ 3378 psi. Treated w/ ave pressure of 2371 psi w/ ave rate of 24.7 BPM. ISIP 2395 psi. Leave pressure on well. 599 BWTR. Stage #2 LODC sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 10', 11' perf gun. Set plug @ 5140'. Perforate LODC sds @ 5002-13' & 5030-40' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 84 shots. RU BJ Services. 1869 psi on well. Perfs would not break. RU WL & dump bail acid on perfs. RU BJ Services. 1640 psi on well. Frac LODC sds w/ 89,993#'s of 20/40 sand in 694 bbls of Lightning 17 frac fluid. Broke @ 3721 psi. Treated w/ ave pressure of 1981 psi w/ ave rate of 24.7 BPM. ISIP 2506 psi. Leave pressure on well. 1293 BWTR. Stage #3 A1 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 16' perf gun. Set plug @ 4980'. Perforate A1 sds @ 4920-36' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 64 shots. RU BJ Services. 1594 psi on well. Frac A1 sds w/ 114,939#'s of 20/40 sand in 845 bbls of Lightning 17 frac fluid. Broke @ 3680 psi. Treated w/ ave pressure of 1896 psi w/ ave rate of 24.7 BPM. ISIP 2218 psi. Leave pressure on well. 2138 BWTR. Stage #4 B2 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 20' perf gun. Set plug @ 4880'. Perforate B2 sds @ 4794-4814' w/ 3-1/8" Slick Guns (.43"HE, 23 gram, 90°) w/ 4 spf for total of 80 shots. RU BJ Services. 1604 psi on well. Frac B2 sds w/ 80,966#'s of 20/40 sand in 672 bbls of Lightning 17 frac fluid. Broke @ 3659 psi. Treated w/ ave pressure of 2005 psi w/ ave rate of 24.7 BPM. ISIP 2205 psi. Open well to pit for immediate flowback @ 1 bpm. Well flowed for 4 hrs. & died. Recovered 200 bbls. No show of oil or gas. SWIFN.

8/31/2007 Day: 3**Completion**

Western #4 on 8/30/2007 - MIRU Western #4. Bleed off well. ND Cameron BOP & 5m frac head. NU 3m production head & Schafer BOP. RIH w/ 4 3/4" chomp bit, bit sub & 2 7/8" tbg. from pipe rack (tallying & drifting tbg.). Tag sand @ 4801'. RU powerswivel & pump. C/O to CBP @ 4880'. DU CBP in 15 min. Cont. RIH w/ tbg. Tag @ 4946'. C/O to CBP @ 4980'. DU CBP in 17 min. Cont. RIH w/ tbg. Tag CBP @ 5140'. DU CBP in 24 min. Cont. RIH w/ tbg. Tag @ 5745'. C/O to PBTD @ 5903'. Circulate well clean. Pull up to 5835'. RU swab. SFL @ surface. Made 17 runs. Recovered 163 bbls. Trace of oil. EFL @ 700'. SWIFN.

9/1/2007 Day: 4**Completion**

Western #4 on 8/31/2007 - Bleed off well. RIH w/ tbg. Tag @ 5893'. C/O to PBTD @

5903'. Circulate well clean. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 181 jts 2 7/8" tbg. ND BOP. Set TAC @ 5710' w/ 16,000# tension. NU wellhead. Flush tbg. w/ 60 bbls water. RIH w/ CDI 2 1/2" x 1 1/2" x 16' x 20' RHAC pump, 6- 1 1/2" weight bars, 20- 3/4" guided rods, 103- 3/4" slick rods, 100- 3/4" guided rods, 1- 8' x 3/4" pony sub, 1 1/2" x 26' polished rod. Seat pump. Fill tbg. w/ 2 bbls water. Stroke test to 800 psi. RU pumping unit. Hang off rods. Adjust tag. RD. Mechanic adjusted clutch & put well on production @ 6:00 p.m. 5 spm, 86" stroke length. Final Report.

Pertinent Files: Go to File List

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4744'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 151' balance plug using 18 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 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 365'.

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

Federal 10-20-9-16

Spud Date: 7-25-07
 Put on Production: 8-31-07
 GL: 6105' KB: 6117'

Initial Production: BOPD,
 MCFD, BWPD

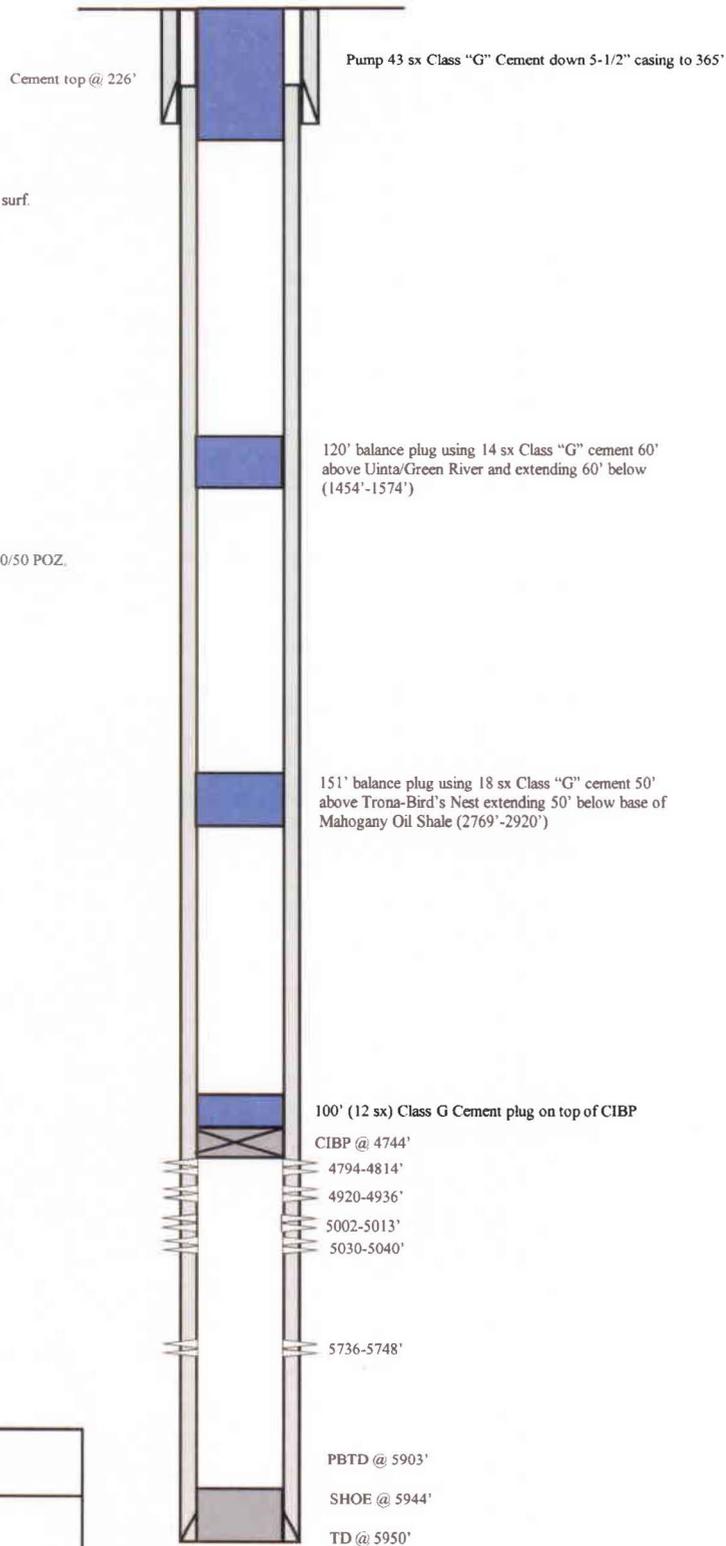
Proposed P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (303.36')
 DEPTH LANDED: 315.21' 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: 155 jts (5927.26')
 DEPTH LANDED: 5943.51' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 226'



NEWFIELD

Federal 10-20-9-16
 2041' FSL & 1892' FEL
 NW/SE Section 20-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33108; Lease # UTU-74391