

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

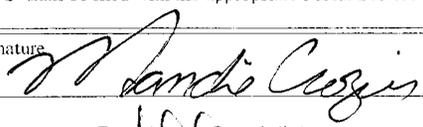
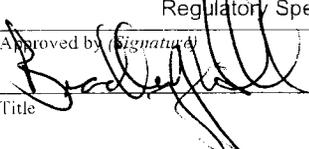
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No. UTU-74392	
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 11-21-9-16	
9. API Well No. 4301333144	
1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	10. Field and Pool, or Exploratory Monument Butte
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	11. Sec., T., R., M., or Blk. and Survey or Area NE/SW Sec. 21, T9S R16E
2. Name of Operator Newfield Production Company	12. County or Parish Duchesne
3a. Address Route #3 Box 3630, Myton UT 84052	13. State UT
3b. Phone No. (include area code) (435) 646-3721	14. Distance in miles and direction from nearest town or post office* Approximatley 23.9 miles southwest of Myton, Utah
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/SW 1742' FSL 2052' FWL 574614X 40.013895 At proposed prod. zone 4429455Y -110.125743	15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 898' f/lse, NA f/unit
16. No. of Acres in lease 2080.00	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. 1004'	19. Proposed Depth 5970'
20. BLM/BIA Bond No. on file UTB000192	21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6040' 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. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 4/6/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 06-08-06
Title ENVIRONMENTAL MANAGER		

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

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

*(Instructions on reverse)

*Federal Approval of this
Action is Necessary*

RECEIVED

APR 07 2006

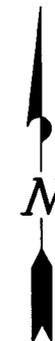
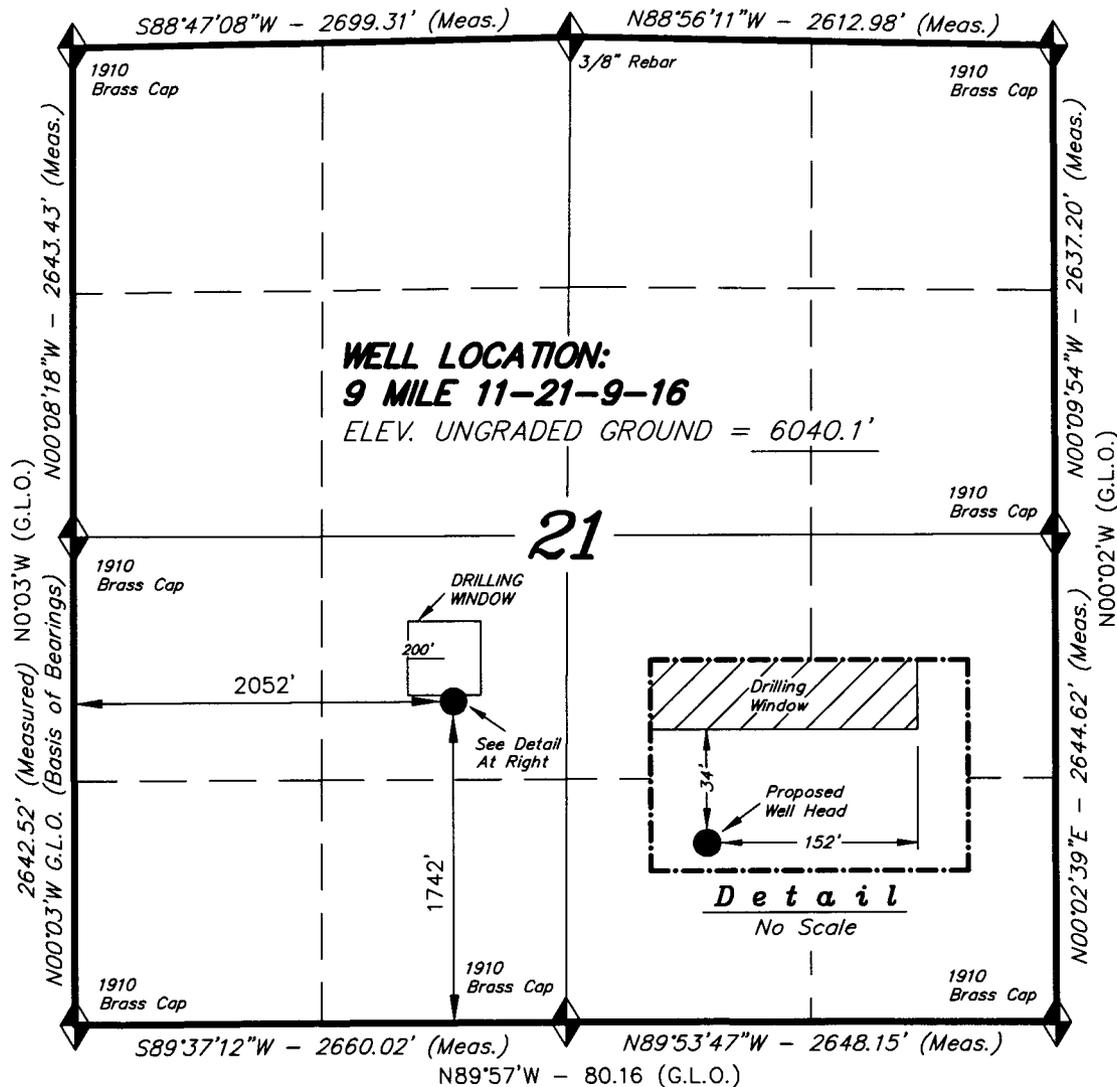
DIV. OF OIL, GAS & MINING

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

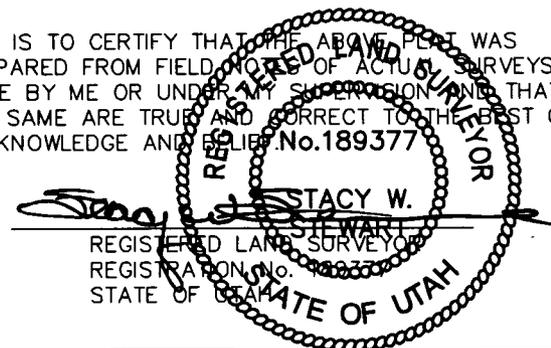
N89°57'W - 80.00 (G.L.O.)

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 11-21-9-16,
 LOCATED AS SHOWN IN THE NE 1/4 SW
 1/4 OF SECTION 21, 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



2642.52' (Measured) N0°03'W (G.L.O.)
 N00°03'W G.L.O. (Basis of Bearings)

N00°09'54"W - 2637.20' (Meas.)
 N00°02'W (G.L.O.)
 N00°02'39"E - 2644.62' (Meas.)

◆ = SECTION CORNERS LOCATED

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

9 MILE 11-21-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 00' 50.21"
 LONGITUDE = 110° 07' 35.21"

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 3-23-06	SURVEYED BY: C.M.
DATE DRAWN: 3-26-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'



June 2, 2006

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

Re: Exception Locations: (1) Federal 9-21-9-16
2247' FSL, 756' FEL-NESE Sec 21
Avoid Arch Site; (2) Federal 11-21-9-16
1742' FSL, 2052' FWL-NESW Sec 21
Avoid Drainage
Duschene Cty., Utah; Lease UTU-74392

Dear Ms. Whitney:

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

The above referenced locations are exception locations under Rule 649-3-2, the 9-21-9-16 being 56' north of the drilling window tolerance for the NESE of Sec 21-T9S-R16E. The 11-21-9-16 is 34' south of the drilling window tolerance for the NESW of Sec 21-T9S-R16E. The attached plats depict the proposed drillsite locations and illustrate the deviation from the drilling window, in accordance with Rule R649-3-2. The requested locations have been selected to avoid an Arch site and to avoid a drainage.

Please note the locations are located on Federal lease UTU-74392. The drillsite lease and all surrounding acreage within a four hundred sixty foot (460') radius of the proposed location are owned by Newfield Production Company, Yates Petroleum Corporation, Yates Drilling Company, Myco Industries, Inc. and Abo Petroleum Corporation. We have contacted these owners and their consent to these locations are attached.

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

Sincerely,
NEWFIELD PRODUCTION COMPANY

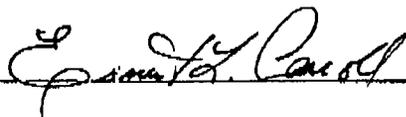
A handwritten signature in cursive script that reads "Laurie Deseau".

Laurie Deseau
Properties Administrator

RECEIVED
JUN 08 2006
DIV. OF OIL, GAS & MINING

Exception Locations
Federal 9-21-9-16
Federal 11-21-9-16

Please be advised that Yates Petroleum Corporation, Yates Drilling Company, Myco Industries, Inc. and Abo Petroleum Corporation do not have an objection to the proposed locations of the aforementioned wells.

By:  _____

Date: May 18, 2006

Ernest L. Carroll, Senior Landman
Print Name and Title

NEWFIELD



April 6, 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 9-21-9-16, 11-21-9-16, 12-21-9-16,
13-21-9-16, and 14-21-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 9-21-9-16 and 11-21-9-16 are Exception Locations. Our Land Department will send you the required Exception Location Letter. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

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

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED

APR 07 2006

DIV. OF OIL, GAS & MINING

**NEWFIELD PRODUCTION COMPANY
FEDERAL #11-21-9-16
NE/SW SECTION 21, 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' – 2510'
Green River	2510'
Wasatch	5970'

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

Green River Formation 2510' – 5970' - 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 #11-21-9-16
NE/SW SECTION 21, 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 #11-21-9-16 located in the NE 1/4 SW 1/4 Section 21, 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 it's junction with an existing road to the northeast; proceed northeasterly and then southwesterly - 10.1 miles \pm to it's junction with an existing road to the southeast; proceed southeasterly and then northeasterly - 1.3 miles \pm to it's junction with the beginning of the proposed access road; proceed along the proposed access road - 100' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

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

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #05-240, 7/25/05. Paleontological Resource Survey prepared by, Wade E. Miller, 11/10/05. See attached report cover pages, Exhibit "D".

For the Federal #11-21-9-16 Newfield Production Company requests 100' of disturbed area be granted in Lease UTU-74392 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 100' of disturbed area be granted in Lease UTU-74392 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 100' of disturbed area be granted in Lease UTU-74392 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

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

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

Threatened, Endangered, And Other Sensitive Species

Mountain Plover: If new construction or surface disturbing activities are scheduled to occur between May 1 and June 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of

mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities will be allowed between March 15 and August 15 within a 0.5 mile radius of any documented mountain plover nest site.

Reserve Pit Liner

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

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

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

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

Details of the On-Site Inspection

The proposed Federal #11-21-9-16 was on-sited on 2/24/05. The following were present; Shon Mckinnon (Newfield Production), Chris Carusona (Bureau of Land Management), and Brandon McDonald (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

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

Representative

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

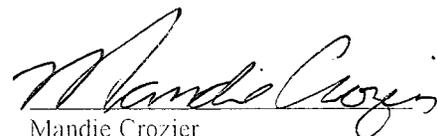
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #11-21-9-16 NE/SW Section 21, Township 9S, Range 16E: Lease UTU-74392 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.

4/6/06

Date

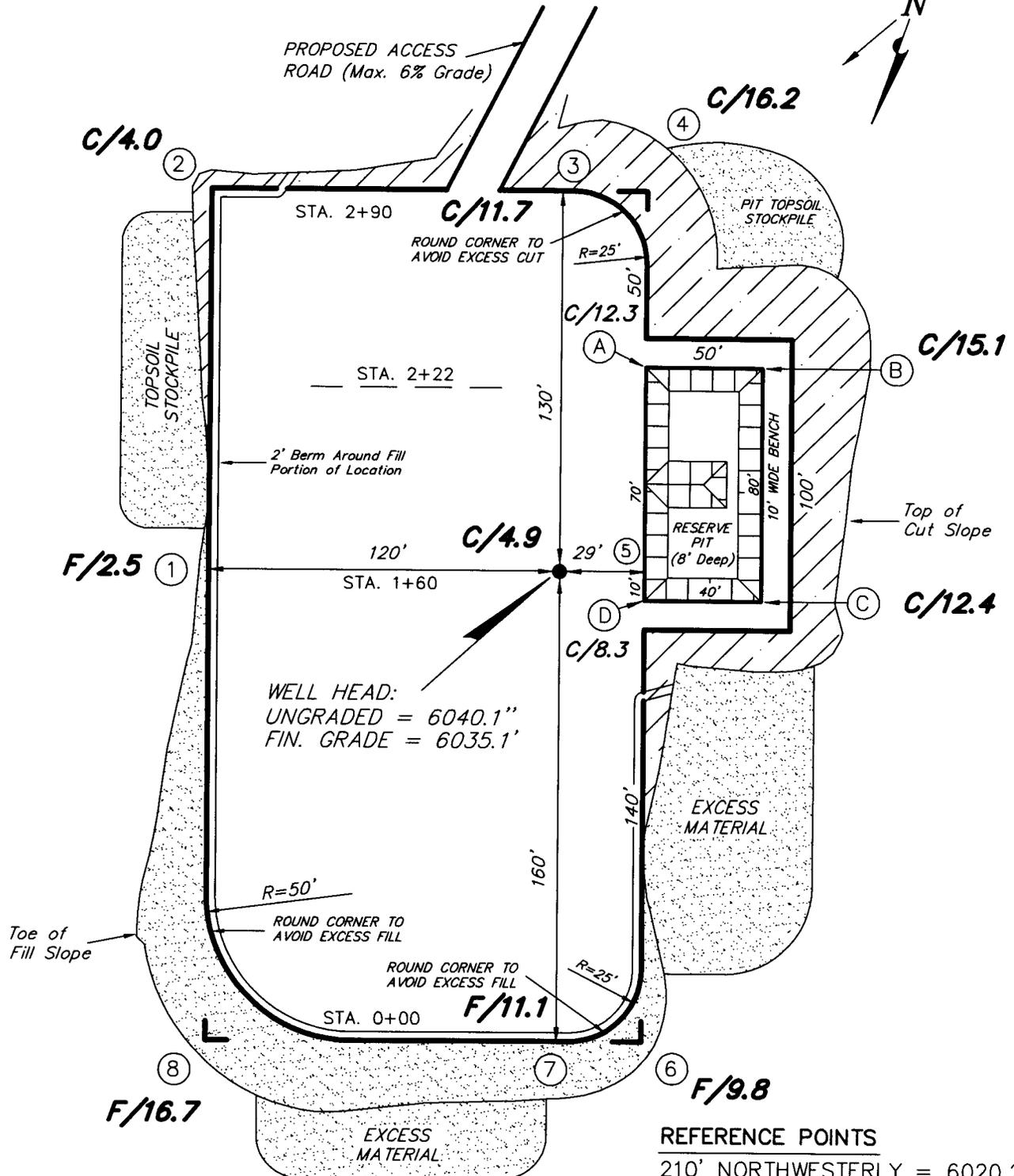


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 11-21-9-16

Section 21, T9S, R16E, S.L.B.&M.



WELL HEAD:
UNGRADED = 6040.1'
FIN. GRADE = 6035.1'

REFERENCE POINTS

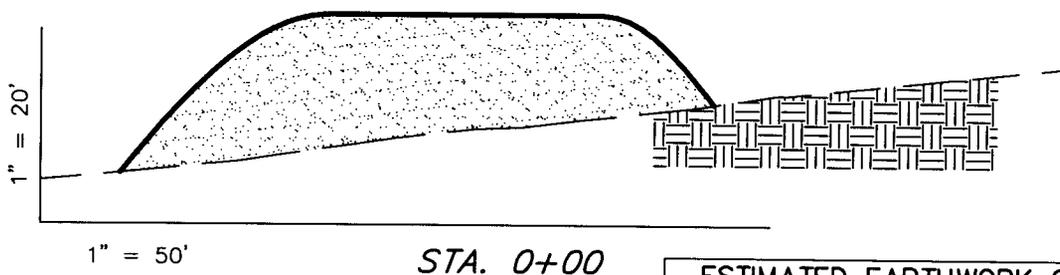
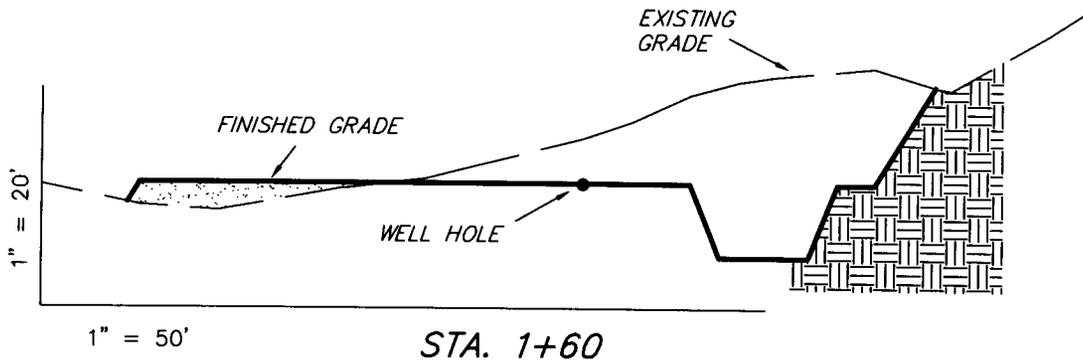
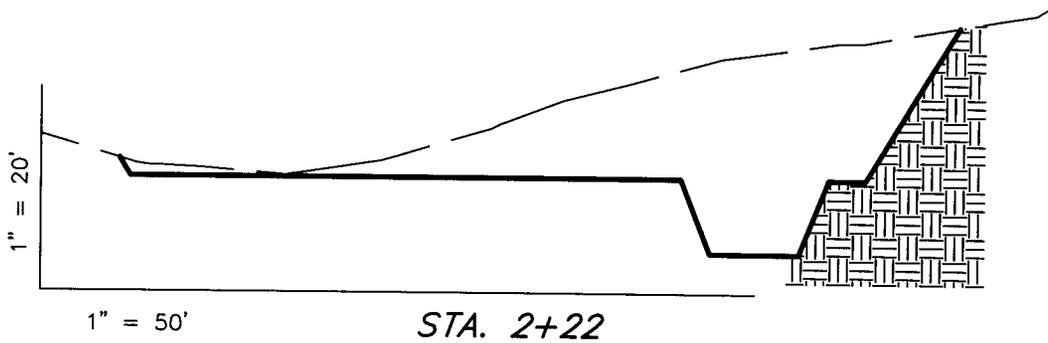
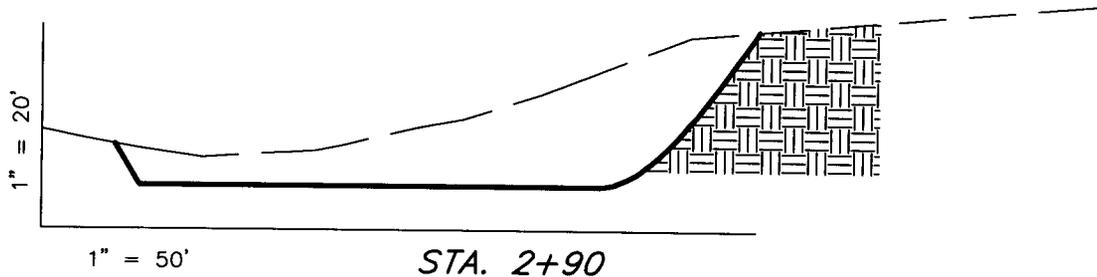
- 210' NORTHWESTERLY = 6020.2'
- 260' NORTHWESTERLY = 6019.9'
- 170' NORTHEASTERLY = 6036.0'
- 220' NORTHEASTERLY = 6039.2'

SURVEYED BY: C.M.	SCALE: 1" = 50'
DRAWN BY: M.W.	DATE: 3-26-06

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

NEWFIELD PRODUCTION COMPANY
CROSS SECTIONS

9 MILE 11-21-9-16



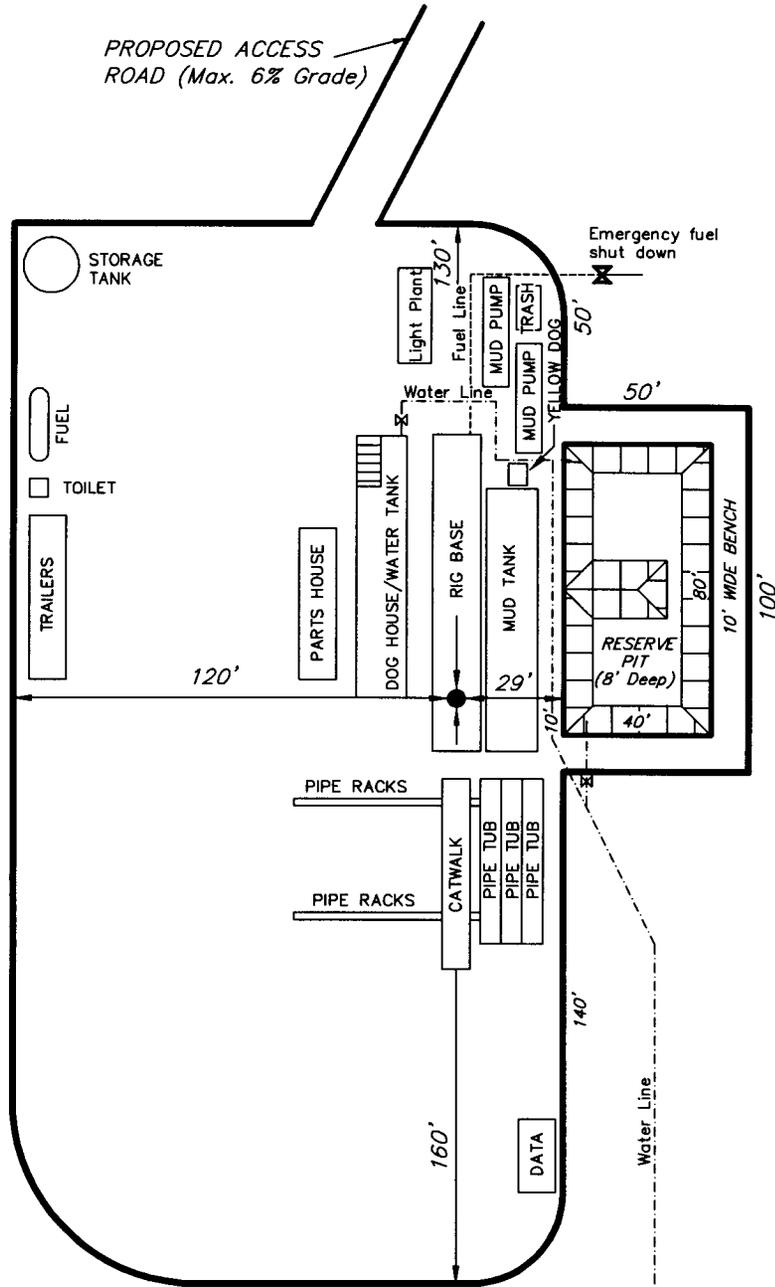
NOTE:
 UNLESS OTHERWISE NOTED
 ALL CUT/FILL SLOPES ARE
 AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	6,920	6,920	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	7,560	6,920	1,150	640

SURVEYED BY: C.M.	SCALE: 1" = 50'
DRAWN BY: M.W.	DATE: 3-26-06

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

NEWFIELD PRODUCTION COMPANY
TYPICAL RIG LAYOUT
9 MILE 11-21-9-16



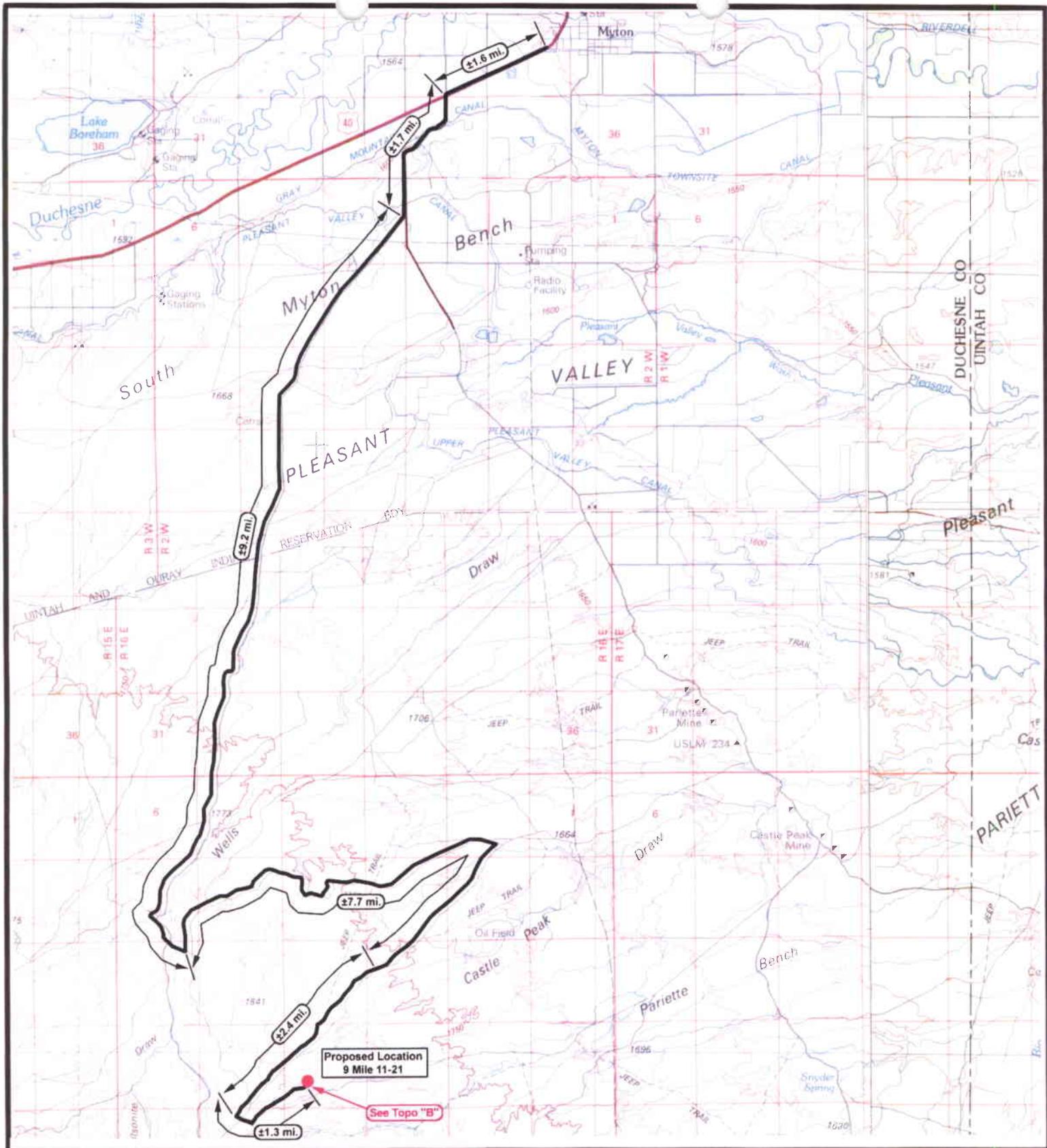
SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: M.W.

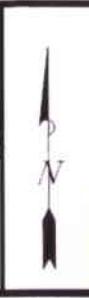
DATE: 3-26-06

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



NEWFIELD
Exploration Company

9 Mile 11-21-9-16
SEC. 21, T9S, R16E, S.L.B.&M.

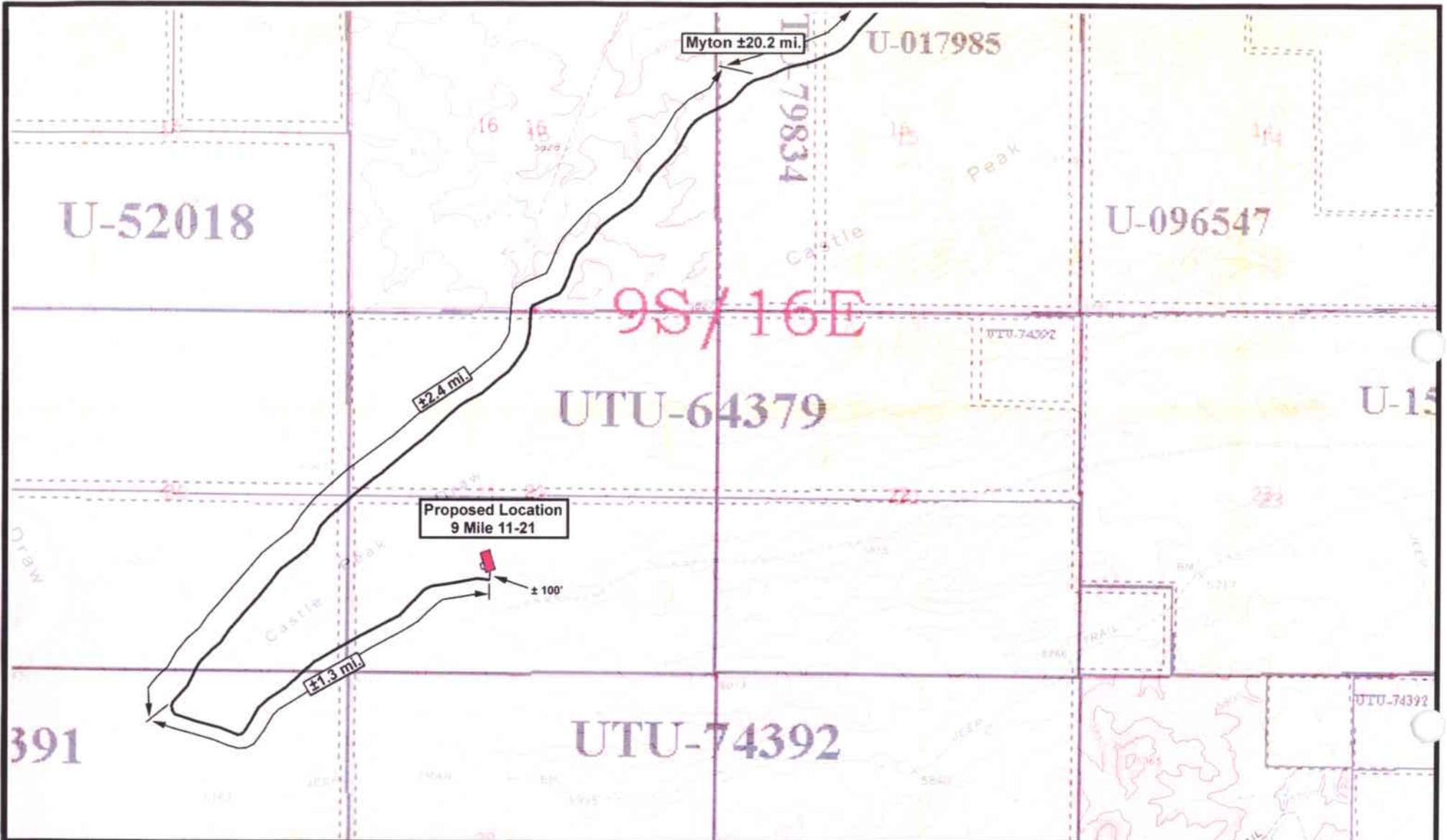


Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 03-27-2006

Legend
Existing Road

TOPOGRAPHIC MAP
"A"



NEWFIELD
Exploration Company

9 Mile 11-21-9-16
SEC. 21, T9S, R16E, S.L.B.&M.

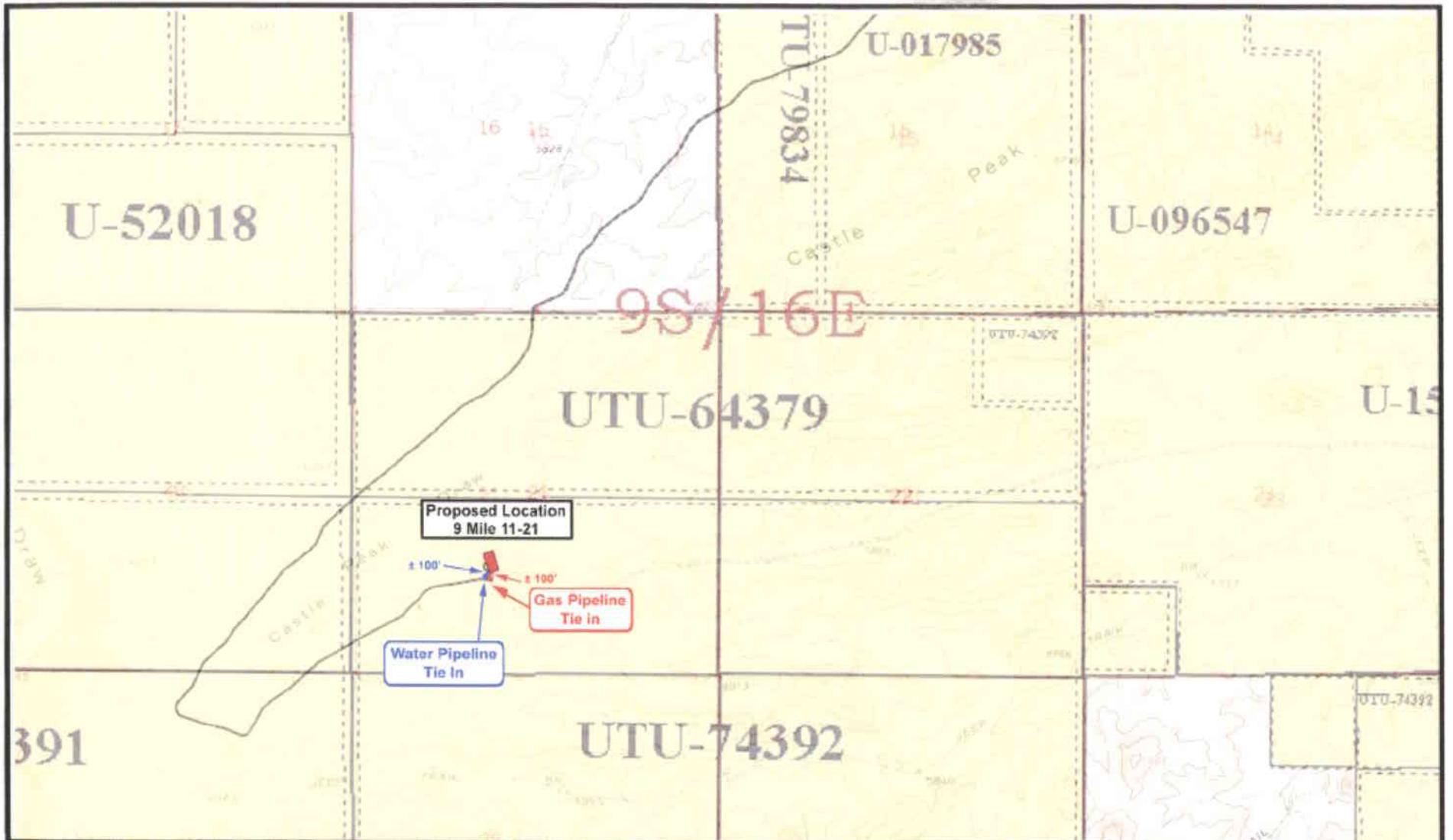
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 03-27-2006

Legend

Existing Road
Proposed Access

TOPOGRAPHIC MAP
"B"



 **NEWFIELD**
Exploration Company

9 Mile 11-21-9-16
SEC. 21, T9S, R16E, S.L.B.&M.



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

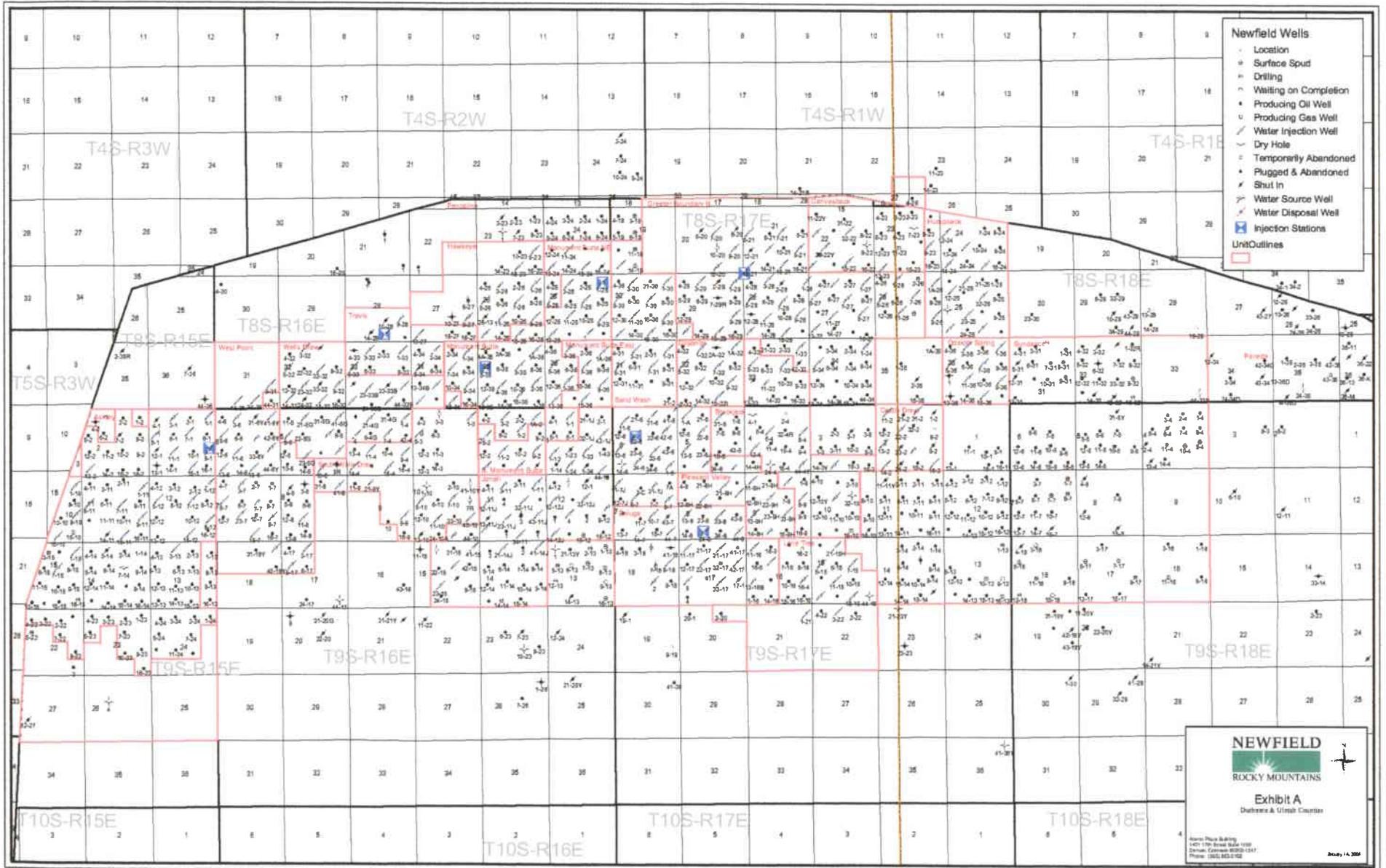
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DRAWN BY: mw
DATE: 03-27-2006

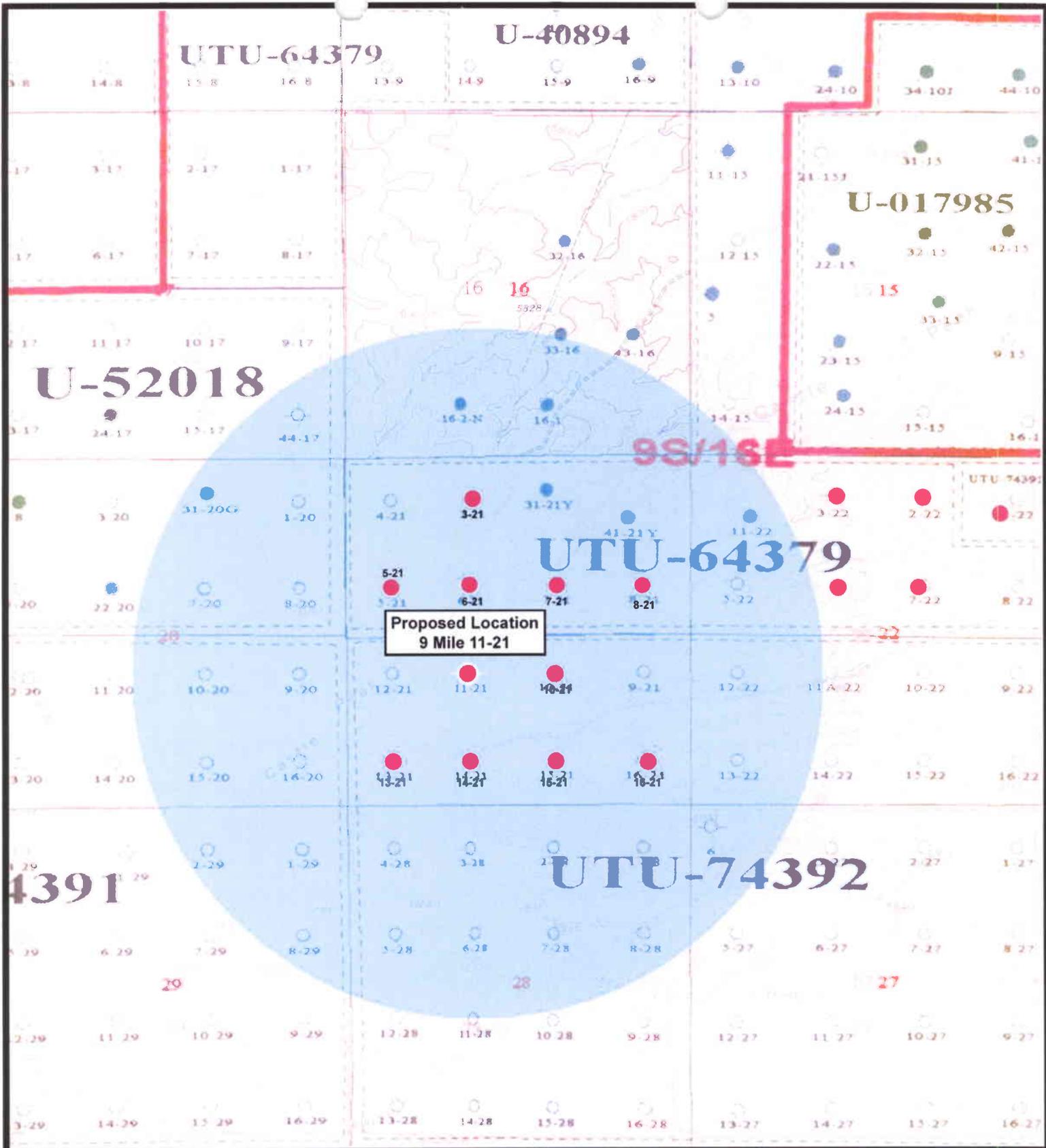
Legend

— Roads
- - - Proposed Gas Line
- - - Proposed Water Line

TOPOGRAPHIC MAP
"C"







**Proposed Location
9 Mile 11-21**



NEWFIELD
Exploration Company

**9 Mile 11-21-9-16
SEC. 21, 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: 03-27-2006

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

Exhibit "D"
Page 1 of 2

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S BLOCK PARCEL
IN TOWNSHIP 9S, RANGE 16E, SECTION 21 and 22,
DUCHESNE COUNTY, UTAH

By:

Katie Simon

Prepared For:

Bureau fo Land Management
Vernal Field Office

Prepared Under Contract With:

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

Prepared By:

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

MOAC Report No. 05-240

July 25, 2005

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

State of Utah Antiquities Project (Survey)
Permit No. U-05-MQ-0709b

NEWFIELD PRODUCTION COMPANY

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

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

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
November 10, 2005

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 04/07/2006

API NO. ASSIGNED: 43-013-33144

WELL NAME: FEDERAL 11-21-9-16
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NESW 21 090S 160E
 SURFACE: 1742 FSL 2052 FWL
 BOTTOM: 1742 FSL 2052 FWL
 COUNTY: DUCHESNE
 LATITUDE: 40.01390 LONGITUDE: -110.1257
 UTM SURF EASTINGS: 574614 NORTHINGS: 4429455
 FIELD NAME: MONUMENT BUTTE (105)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-74392
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

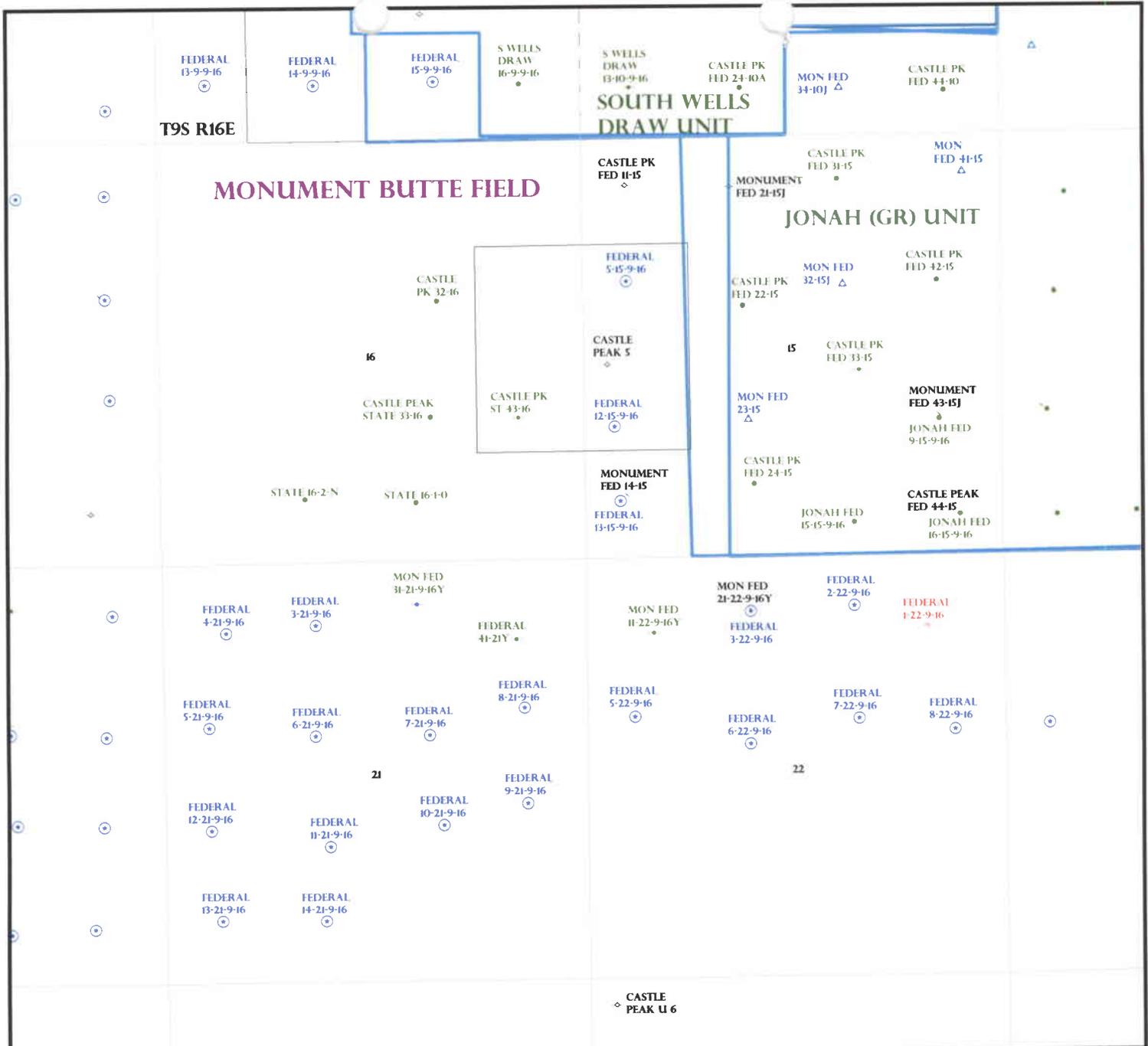
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. MUNICIPAL)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

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

COMMENTS: See Separate file

STIPULATIONS: 1- Fed. Approval
2- Spacing Strip



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 21 T. 9S R. 16E

FIELD: MONUMENT FIELD (105)

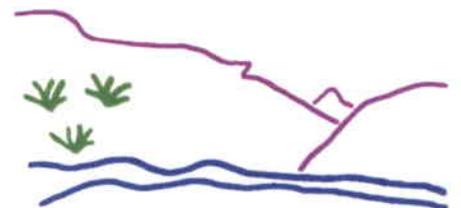
COUNTY: DUCHESNE

SPACING: R649-3-3 / EXCEPTION LOCATION

Field Status	
	ABANDONED
	ACTIVE
	COMBINED
	INACTIVE
	PROPOSED
	STORAGE
	TERMINATED

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

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



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 13-APRIL-2006



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

June 8, 2006

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

Re: Federal 11-21-9-16 Well, 1742' FSL, 2052' FWL, NE SW, Sec. 21, T. 9 South,
R. 16 East, Duchesne County, Utah

Gentlemen:

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

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33144.

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 11-21-9-16
API Number: 43-013-33144
Lease: UTU-74392

Location: NE SW **Sec.** 21 **T.** 9 South **R.** 16 East

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

RECEIVED

APR 07 2006

BLM VERNAL, UTAH

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.
UTU-74392

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 11-21-9-16

9. API Well No.
43-013-33144

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
NE/SW Sec. 21, 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 NE/SW 1742' FSL 2052' FWL
At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*
Approximatley 23.9 miles southwest of Myton, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 898' flse, NA fl/unit

16. No. of Acres in lease
2080.00

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. 1004'

19. Proposed Depth
5970'

20. BLM/BIA Bond No. on file
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
6040' GL

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

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

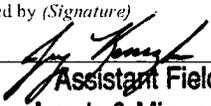
24. Attachments

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

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

25. Signature  Name (Printed/Typed) Mandie Crozier Date 4/6/06

Title Regulatory Specialist

Approved by (Signature)  Name (Printed/Typed) Jerry Kencelka Date 2-15-2007

Title Assistant Field Manager
Lands & Mineral Resources Office VERNAL FIELD OFFICE

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

CONDITIONS OF APPROVAL ATTACHED

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

*(Instructions on reverse)

RECEIVED NOTICE OF APPROVAL
FEB 26 2007

DIV. OF OIL, GAS & MINING

UDOGM

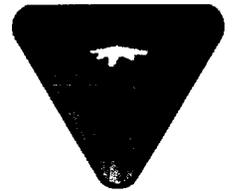
NO NOS

07BM4715A



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: NESW, Sec 21, T9S, R16E
Well No: Federal 11-21-9-16 Lease No: UTU-74392
API No: 43-013-33144 Agreement: N/A

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

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

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

NOTIFICATION REQUIREMENTS

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

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

LEASE STIPULATIONS AND NOTICES

- The proposed area contains Mountain Plover habitat. With this occurrence there will be a timing restriction from May 15 – June 15.
- Lease Notices (field review and RMP):
 1. Lessee/operator is given notice the area has been identified as containing Golden Eagle habitat. Modifications may be required in the Surface Use Plan to protect the Golden and/or their habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- Comments:
 1. The proposed area contains Mountain Plover habitat.
 2. None of the suspected species (or their burrows or nests) was identified on or near the location.
 3. If it is anticipated that construction or drilling will occur during the given timing restrictions for any wildlife, a BLM or qualified biologist shall be notified so surveys can be conducted. Depending upon the results of the surveys, permission to proceed may or may not be recommended or granted (depending on the species being surveyed and the condition of the habitat).

CONDITIONS OF APPROVAL

- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.

- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- The interim seed mix for this location shall be:

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

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

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

DOWNHOLE CONDITIONS OF APPROVAL

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

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. A variance is granted for O.O. #2 III. E. 1.
 - a. The blooie line shall be straight or have targeted tees for bends in the line.
 - b. Not requiring an automatic igniter or continuous pilot on the blooie line.
2. Run a cement bond log from TD to the base of the surface casing shoe.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

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

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

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

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

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

Cement baskets shall not be run on surface casing.

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

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

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

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

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

sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

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

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

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

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

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

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

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

<p>1. Type of Well</p> <table style="width:100%;"> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/> Oil Well</td> <td style="text-align: center;"><input type="checkbox"/> Gas Well</td> <td style="text-align: center;"><input type="checkbox"/> Other</td> </tr> </table>	<input checked="" type="checkbox"/> Oil Well	<input type="checkbox"/> Gas Well	<input type="checkbox"/> Other	<p>5. Lease Designation and Serial No. UTU-74392</p> <p>6. If Indian, Allottee or Tribe Name NA</p> <p>7. If Unit or CA, Agreement Designation N/A</p> <p>8. Well Name and No. FEDERAL 11-21-9-16</p> <p>9. API Well No. 43-013-33144</p> <p>10. Field and Pool, or Exploratory Area MONUMENT BUTTE</p> <p>11. County or Parish, State DUCHESNE COUNTY, UT.</p>
<input checked="" type="checkbox"/> Oil Well	<input type="checkbox"/> Gas Well	<input type="checkbox"/> Other		
<p>2. Name of Operator NEWFIELD PRODUCTION COMPANY</p>				
<p>3. Address and Telephone No. Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721</p>				
<p>4. Location of Well (Footage, Sec., T., R., m., or Survey Description) 1742 FSL 2052 FWL NE/SW Section 21, T9S R16E</p>				

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<p><input checked="" type="checkbox"/> Notice of Intent</p> <p><input type="checkbox"/> Subsequent Report</p> <p><input type="checkbox"/> Final Abandonment Notice</p>	<table style="width:100%;"> <tr> <td style="width:50%; vertical-align: top;"> <p><input type="checkbox"/> Abandonment</p> <p><input type="checkbox"/> Recompletion</p> <p><input type="checkbox"/> Plugging Back</p> <p><input type="checkbox"/> Casing Repair</p> <p><input type="checkbox"/> Altering Casing</p> <p><input checked="" type="checkbox"/> Other Permit Extension</p> </td> <td style="width:50%; vertical-align: top;"> <p><input type="checkbox"/> Change of Plans</p> <p><input type="checkbox"/> New Construction</p> <p><input type="checkbox"/> Non-Routine Fracturing</p> <p><input type="checkbox"/> Water Shut-Off</p> <p><input type="checkbox"/> Conversion to Injection</p> <p><input type="checkbox"/> Dispose Water</p> </td> </tr> </table> <p style="font-size: small;">(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</p>	<p><input type="checkbox"/> Abandonment</p> <p><input type="checkbox"/> Recompletion</p> <p><input type="checkbox"/> Plugging Back</p> <p><input type="checkbox"/> Casing Repair</p> <p><input type="checkbox"/> Altering Casing</p> <p><input checked="" type="checkbox"/> Other Permit Extension</p>	<p><input type="checkbox"/> Change of Plans</p> <p><input type="checkbox"/> New Construction</p> <p><input type="checkbox"/> Non-Routine Fracturing</p> <p><input type="checkbox"/> Water Shut-Off</p> <p><input type="checkbox"/> Conversion to Injection</p> <p><input type="checkbox"/> Dispose Water</p>
<p><input type="checkbox"/> Abandonment</p> <p><input type="checkbox"/> Recompletion</p> <p><input type="checkbox"/> Plugging Back</p> <p><input type="checkbox"/> Casing Repair</p> <p><input type="checkbox"/> Altering Casing</p> <p><input checked="" type="checkbox"/> Other Permit Extension</p>	<p><input type="checkbox"/> Change of Plans</p> <p><input type="checkbox"/> New Construction</p> <p><input type="checkbox"/> Non-Routine Fracturing</p> <p><input type="checkbox"/> Water Shut-Off</p> <p><input type="checkbox"/> Conversion to Injection</p> <p><input type="checkbox"/> Dispose Water</p>		

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 6/8/06 (expiration 6/8/07).

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 05-30-07
By:

RECEIVED

MAY 31 2007

DIV. OF OIL, GAS & MINING

3-31-07
RM

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

Signed	Title <u>Regulatory Specialist</u>	Date <u>5/29/2007</u>
--------	------------------------------------	-----------------------

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

Title 18 U.S.C. Section 1001, makes 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.

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

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

API: 43-013-33144
Well Name: Federal 11-21-9-16
Location: NE/SW Section 21, T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 6/8/2006

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

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

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

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

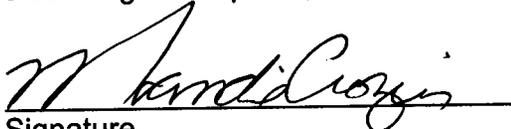
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

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

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

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

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


Signature

5/29/2007
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: Newfield Production Company

Well Name: Federal 11-21-9-16

API No: 43-013-33144 Lease Type: Federal

Section 21 Township 09S Range 16E County Duchesne

Drilling Contractor Ross Rig Rig # 24

SPUDDED:

Date 7-4-07

Time 10:30 PM

How Dry

Drilling will Commence: _____

Reported by Jim

Telephone # 435-823-2072

Date 7-9-07 Signed RM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.
USA UTU-74392

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
FEDERAL 11-21-9-16

9. API Well No.
4301333144

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1742 FSL 2052 FWL
NESW Section 21 T9S R16E

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

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

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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 7/4/07 MIRU Ross # 24. Spud well @ 10:30 pm. Drill 315' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 321.59 KB. On 7/06/07 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 4 bbls cement to pit. WOC.

RECEIVED
JUL 09 2007

DIV. OF OIL, GAS & MINING

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

Title
Drilling Foreman

Date
07/06/2007

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)

NEWFIELD



DRILLING REPORT

WELL NAME Federal 11-21-9-16 Report Date July 6, 2007 Days Since Spud 1
 TD 315' Footage 315' Frmtn _____ PO WOC Rig Ross # 24

MUD PROPERTIES

WT Air VIS _____ WL _____ FC _____ CHLORIDES _____ DAILY _____ CUM _____
 OIL _____ SLDS _____ SD _____ CALCIUM _____ PV _____ YP _____ GEL _____

WATER USED (BBLs)

BIT RECORD

CUM ROTATING HRS: _____

BIT # _____ SIZE _____ TYPE _____ SER # _____ JETS _____ HRS _____ FT. _____ OUT @ _____ GR. _____
 BIT # _____ SIZE _____ TYPE _____ SER # _____ JETS _____ HRS _____ FT. _____ OUT @ _____ GR. _____
 WEIGHT ON BIT _____ ROTARY RPM _____ BHA _____ FT CONSISTS OF _____

DEVIATION

HYDRAULICS

PUMP #1: LINERS _____ STROKE _____ SPM _____ PRESS 190 Gals/Min. _____ JET VEL: _____ BIT HHP: _____
 PUMP #2: LINERS _____ STROKE _____ SPM _____ PRESS _____ ANN VEL, DP: _____ DC: _____

DRILLING GAS

AVG UNITS _____ MAX UNITS _____ CONNECT GAS _____ TRIP GAS _____
 DRLG BREAK/SHOWS: _____

DAILY MUD MATERIALS

PHP _____ cups
 Poly _____ qts
 Lime _____ sacks
 Treat O Clay _____ gals.

CHRONOLOGICAL OPERATIONS

7/4/07 HRS Spud well 7/04/07 @ 10:30 pm with Ross rig # 24
 HRS Drill 315' of 12 1/4" hole. PU & MU 7 jt's 85/8" csg set @ 321.59 '/KB
 HRS Notify BLM Mike Lee @ 1:42 pm 7/3/07 For Spud In person
 HRS Notify Carol State of Utah @ 1:45 pm 7/3/07 For Spud In person
7/6/07 HRS Cement w/ 160 sks. Class G w/ 2% CaCL + 1/4# / sk Cello-Flake.
 HRS Mixed @ 15.8 ppg & 1.17 cf/sk yeild. Returned 4 bbls cement to pit.
 HRS _____
 HRS _____
 HRS _____
 HRS Notify BLM Jamie @ 8:05 am 7/4/07 F/surface casing left message
 HRS Notify BLM Jamie @ 8:05 pm 7/04/07 for surface cement left message
 HRS _____
 HRS _____
 HRS _____
 HRS 3.5' of 14" @ \$45.00 = \$157

CUM MUD COST: _____

DAILY COST SUMMARY

Ross rig # 24 10,836
 NPC supervision 300
 Monk's location 10,300
 Oee-Arch-Srvy 7,500
 BJ cementing 5,560
 8 5/8" casing. 5,322
 WHI csgn head 800
 Float equip 550
 RNI wtr trk 500

PROG TD @ 320' EXPECTED @ _____

DRILLING SUPERVISOR Jim Smith

DAILY COST: \$41,668

TOTAL COST: \$41,668

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

OPERATOR: NEWFIELD PRODUCTION COMPANY
 ADDRESS: RT. 3 BOX 9839
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
					Q2	SC	TP	RG	COUNTY		
B	99999	11880	4301332815	BELUGA FED 13-18-9-17	SWSW	18	9S	17E	DUCHESNE	7/2/2007	7/23/07
WELL 4 COMMENTS: <i>GRRV</i>											
A	99999	16241	4301332998	FEDERAL 12-18-9-16	NWSW	18	9S	16E	DUCHESNE	7/2/2007	7/23/07
WELL 3 COMMENTS: <i>GRRV</i>											
A	99999	16242	4301333144	FEDERAL 11-21-9-16	NESW	21	9S	16E	DUCHESNE	7/4/2007	7/23/07
WELL 2 COMMENTS: <i>GRRV</i>											
B	99999	11880	4301332812	BELUGA FED 11-18-9-17	NESW	18	9S	17E	DUCHESNE	7/3/2007	7/23/07
WELL 1 COMMENTS: <i>GRRV</i>											
B	99999	11880	4301332814	BELUGA FED 14-18-9-17	SESW	18	9S	17E	DUCHESNE	7/5/2007	7/23/07
WELL 6 COMMENTS: <i>GRRV</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 (gross or real 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.

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

Jentri Park
 Signature
 Production Clerk
 July 8, 2007
 Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-74392
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1742 FSL 2052 FWL NESW Section 21 T9S R16E		8. Well Name and No. FEDERAL 11-21-9-16
		9. API Well No. 4301333144
		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	Weekly Status Report
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

On 7/8/07 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6045'. 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, 137 jt's of 5.5 J-55, 15.5# csgn. Set @ 6031' / 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 8 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 95,000 #'s tension. Release rig @ 4:00 AM on 7/13/07.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Justin Crum	Title Drilling Foreman
Signature 	Date 07/25/2007

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
JUL 31 2007
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6031.13

Fit cllr @ 5993

LAST CASING 8 5/8" SET AT 321'

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Federal 11-21-9-16

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # NDSI # 1

TD DRILLER Loggers

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 3912' (5.97')					
136	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5973.3
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	44.58
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6033.13
TOTAL LENGTH OF STRING		6034.13	137	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		252.41	6	CASING SET DEPTH			6031.13
TOTAL		6271.29	143	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6271.29	143				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		7/12/2007	5:00 PM	GOOD CIRC THRU JOB <u>Yes</u>			
CSG. IN HOLE		7/12/2007	8:30 PM	Bbls CMT CIRC TO SURFACE			
BEGIN CIRC		7/12/2007	8:30 PM	RECIPROCATED PIPE FOR <u>THRUSTROKE NA</u>			
BEGIN PUMP CMT		7/12/2007		DID BACK PRES. VALVE HOLD ? <u>Yes</u>			
BEGIN DSPL. CMT		7/12/2007		BUMPED PLUG TO _____ PSI			
PLUG DOWN		7/12/2007					
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	300	Premlite II w/ 10% gel + 3% KCL, 5#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2	400	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Justin Crum

DATE 7/13/2007

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-74392

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
FEDERAL 11-21-9-16

9. API Well No.
4301333144

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1742 FSL 2052 FWL
NESW Section 21 T9S R16E

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

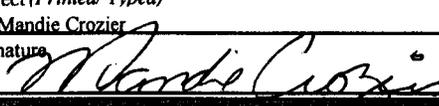
TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/>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

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

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.

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

Signature 

Title
Regulatory Specialist

Date
08/07/2007

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 13 2007
DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NO.
UTU-74392

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

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

7. UNIT AGREEMENT NAME
Federal

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

8. FARM OR LEASE NAME, WELL NO.
Federal 11-21-9-16

2. NAME OF OPERATOR
Newfield Exploration Company

9. WELL NO.
43-013-33144

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

10. FIELD AND POOL OR WILDCAT
Monument Butte

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*
At Surface **1742' FSL & 2052' FWL (NE/SW) Sec. 21, T9S, R16E**
At top prod. Interval reported below

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 21, T9S, R16E

At total depth
14. API NO. **43-013-33144** DATE ISSUED **06/08/07**

12. COUNTY OR PARISH **Duchesne** 13. STATE **UT**

15. DATE SPURRED **07/04/07** 16. DATE T.D. REACHED **07/12/07** 17. DATE COMPL. (Ready to prod.) **08/06/07** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **6040' GL 6052' KB** 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **6045'** 21. PLUG BACK T.D., MD & TVD **5926'** 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 4583'-5450' 25. WAS DIRECTIONAL SURVEY MADE **No**

26. TYPE ELECTRIC AND OTHER LOGS RUN
Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log 27. WAS WELL CORED **No**

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	322'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6031'	7-7/8"	300 sx Premlite II and 400 sx 50/50 Poz	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5514'	TA @ 5415'

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

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP1) 5428'-5450'	.49"	4/22	5428'-5450'	Frac w/ 99,480# 20/40 sand in 758 bbls fluid
(LODC) 5043'-5051'	.49"	4/32	5043'-5051'	Frac w/ 24,293# 20/40 sand in 345 bbls fluid
(A3) 4940'-4956'	.49"	4/64	4940'-4956'	Frac w/ 70,072# 20/40 sand in 595 bbls fluid
(C) 4685'-91', 4703'-09'	.49"	4/48	4685'-4709'	Frac w/ 19,350# 20/40 sand in 304 bbls fluid
(D2) 4583'-4600'	.49"	4/68	4583'-4600'	Frac w/ 112,592# 20/40 and in 813 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)					
08/06/07	2-1/2" x 1-1/2" x 16' x20' RHAC SM Plunger Pump	PRODUCING					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 day ave			----->	11	0	80	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 _____

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 8/17/2007

RECEIVED
AUG 20 2007
D.M.C. OIL GAS SURVING JP

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 11-21-9-16	Garden Gulch Mkr	3534'	
				Garden Gulch 1	3753'	
				Garden Gulch 2	3861'	
				Point 3 Mkr	4100'	
				X Mkr	4362'	
				Y-Mkr	4395'	
				Douglas Creek Mkr	4506'	
				BiCarbonate Mkr	4740'	
				B Limestone Mkr	4834'	
				Castle Peak	5397'	
				Basal Carbonate	5834'	
				Wasatch	5962'	
				Total Depth (LOGGERS)	6043'	

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-74392

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
FEDERAL 11-21-9-16

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301333144

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: 1742 FSL 2052 FWL

COUNTY: DUCHESNE

OTR/OTR SECTION. TOWNSHIP. RANGE. MERIDIAN: NESW, 21, T9S, R16E

STATE: UT

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

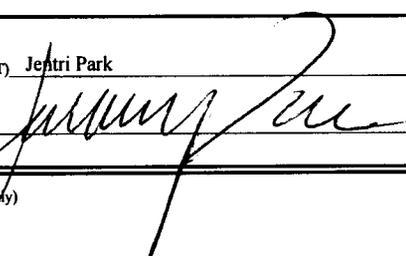
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will <hr/>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 08/15/2007	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The above subject well was completed on 08/06/07, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE 

DATE 08/15/2007

(This space for State use only)

RECEIVED

AUG 20 2007

DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 11-21-9-16

5/1/2007 To 9/30/2007

7/25/2007 Day: 1

Completion

Rigless on 7/24/2007 - Instal 5K 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 @ 5900' & cement top @ 223'. Perforate stage #1, CP1 sds @ 5428-50' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°) w/ 4 spf for total of 60 shots. 142 bbls EWTR. SIFN.

8/2/2007 Day: 2

Completion

Rigless on 8/1/2007 - Stage #1, CP1 sds RU BJ Services. 70 psi on well. Frac CP1 sds w/ 99,480#'s of 20/40 sand in 758 bbls of Lightning 17 fluid. Broke @ 2388 psi. Treated w/ ave pressure of 1978 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2100 psi. Leave pressure on well. 758 BWTR. Stage #2, C sds RU Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 8' perf gun. Set plug @ 5150'. Perforate C sds @ 5043-51' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 32 shots. RU BJ Services. 1730 psi on well. Frac LODC sds w/ 24,293#'s of 20/40 sand in 345 bbls of Lightning 17 fluid. Broke @ 3238 psi. Treated w/ ave pressure of 2280 psi @ ave rate of 24.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2492 psi. Leave pressure on well. 345 BWTR. Stage #3, A3 sds RU Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 16' perf gun. Set plug @ 5010'. Perforate A3 sds @ 4940-56' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 64 shots. RU BJ Services. 1860 psi on well. Perfs would not break. RU Perforators & dump bail acid on perfs. RU BJ Services. 1620 psi on well. Frac A3 sds w/ 70,072#'s of 20/40 sand in 595 bbls of Lightning 17 fluid. Broke @ 3875 psi. Treated w/ ave pressure of 2180 psi @ ave rate of 24.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2368 psi. Leave pressure on well. 595 BWTR. Stage #4, B2 sds RU Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 7' perf gun. Set plug @ 4900'. Perforate B2 sds @ 4808-15' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 28 shots. RU BJ Services. 1900 psi on well. Frac B2 sds w/ 14,168#'s of 20/40 sand in 280 bbls of Lightning 17 fluid. Broke @ 3226 psi. Treated w/ ave pressure of 2415 psi @ ave rate of 25 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 1720 psi. Leave pressure on well. 280 BWTR. Stage #5, C sds RU Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 2- 6' perf guns. Set plug @ 4770'. Perforate C sds @ 4685-91' & 4703-09' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 48 shots. RU BJ Services. 1450 psi on well. Frac C sds w/ 19,350#'s of 20/40 sand in 304 bbls of Lightning 17 fluid. Broke @ 3281 psi. Treated w/ ave pressure of 1870 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISIP 1717 psi. Leave pressure on well. 304 BWTR. Stage #6, D2 sds RU Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 17' perf gun. Set plug @ 4660'. Perforate D2 sds @ 4583-4600' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 68 shots. RU BJ Services. 1280 psi on well. Frac D2 sds w/ 112,592#'s of 20/40 sand in 813 bbls of Lightning 17 fluid. Broke @ 2310 psi. Treated w/ ave pressure of 1600 psi @ ave rate of 24.7 BPM. ISIP 1750 psi.

Open well to pit for immediat flowback @ 1 bpm. Well flowed for 6 hrs. & started flowing oil & gas. Recovered 330 bbls water before turning to oil. SWIFN.

8/3/2007 Day: 3

Completion

Western #3 on 8/2/2007 - MIRU Western #3. Open well to flat tank. Flowed for 2 hrs. Recovered 35 bbls oil & 35 bbls water. RU Perforators, llc WL truck. Set 5 1/2" solid composite plug @ 4550'. RD WL truck. 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 racks (tallying & drifting) to 3776'. SWIFN.

8/6/2007 Day: 4

Completion

Western #3 on 8/5/2007 - Cont. RIH w/ tbg. Tag CBP @ 4550'. RU powerswivel & pump. DU CBP in 15 min. Cont. RIH w/ tbg. Tag sand @ 4613'. C/O to CBP @ 4660'. DU CBP in 15 min. Cont. RIH w/ tbg. Tag CBP @ 4770'. DU CBP in 20 min. Cont. RIH w/ tbg. Tag sand @ 4811'. C/O to CBP @ 4900'. DU CBP in 15 min. Cont. RIH w/ tbg. Tag sand @ 5001'. C/O to CBP @ 5010'. DU CBP in 15 min. Cont. RIH w/ tbg. Tag sand @ 5049'. C/O to CBP @ 5150'. DU CBP in 20 min. Cont. RIH w/ tbg. Tag sand @ 5742'. C/O to PBTD @ 5926'. Circulate well clean. Pull up to 5865'. RU swab. SFL @ surface. Made 10 runs. Recovered 90 bbls. Trace of oil, no sand. EFL @ 1100'. SWIFN.

8/7/2007 Day: 5

Completion

Western #3 on 8/6/2007 - Bleed off well. RIH w/ tbg. Tag fill @ 5921'. C/O to PBTD @ 5926'. Circulate well clean. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" J-55 tbg., PSN, 1 jt 2 7/8" J-55 tbg., 5 1/2" TAC, 172 jts 2 7/8" J-55 tbg. ND BOP. Set TAC @ 5415' w/ 16,000# tension. NU wellhead. RU hotoiler to tbg. Flush tbg. w/ 60 bbls 250° water. X-over for rods. PU & stroke test pump. 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, 91- 3/4" slick rods, 100- 3/4" guided rods, 1- 8', 6', 4', 2' x 3/4" pony subs, 1 1/2" x 26' polished rod. Seat pump. Fill tbg. w/ 2 bbls water. Stroke test pump to 800 psi. RU pumping unit. Hang off rods. Adjust tag. RD. Put well on production @ 6:30 p.m. 102 stroke length, 5 spm. Final Report.

Pertinent Files: Go to File List

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74392
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 11-21-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1742 FSL 2052 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 21 Township: 09.0S Range: 16.0E Meridian: S	9. API NUMBER: 43013331440000
PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/30/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The subject well has been converted from a producing oil well to an injection well on 08/28/2013. On 08/29/2013 Chis Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/30/2013 the casing was pressured up to 1525 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 500 psig during the test. There was not a State representative available to witness the test.

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

Date: September 17, 2013

By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/10/2013	

Casing or Annulus Pressure Test

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

Witness: _____ **Date** 8/30/13 **Time** 9:30 am pm
Test Conducted by: Riley B. Bly
Others Present: _____

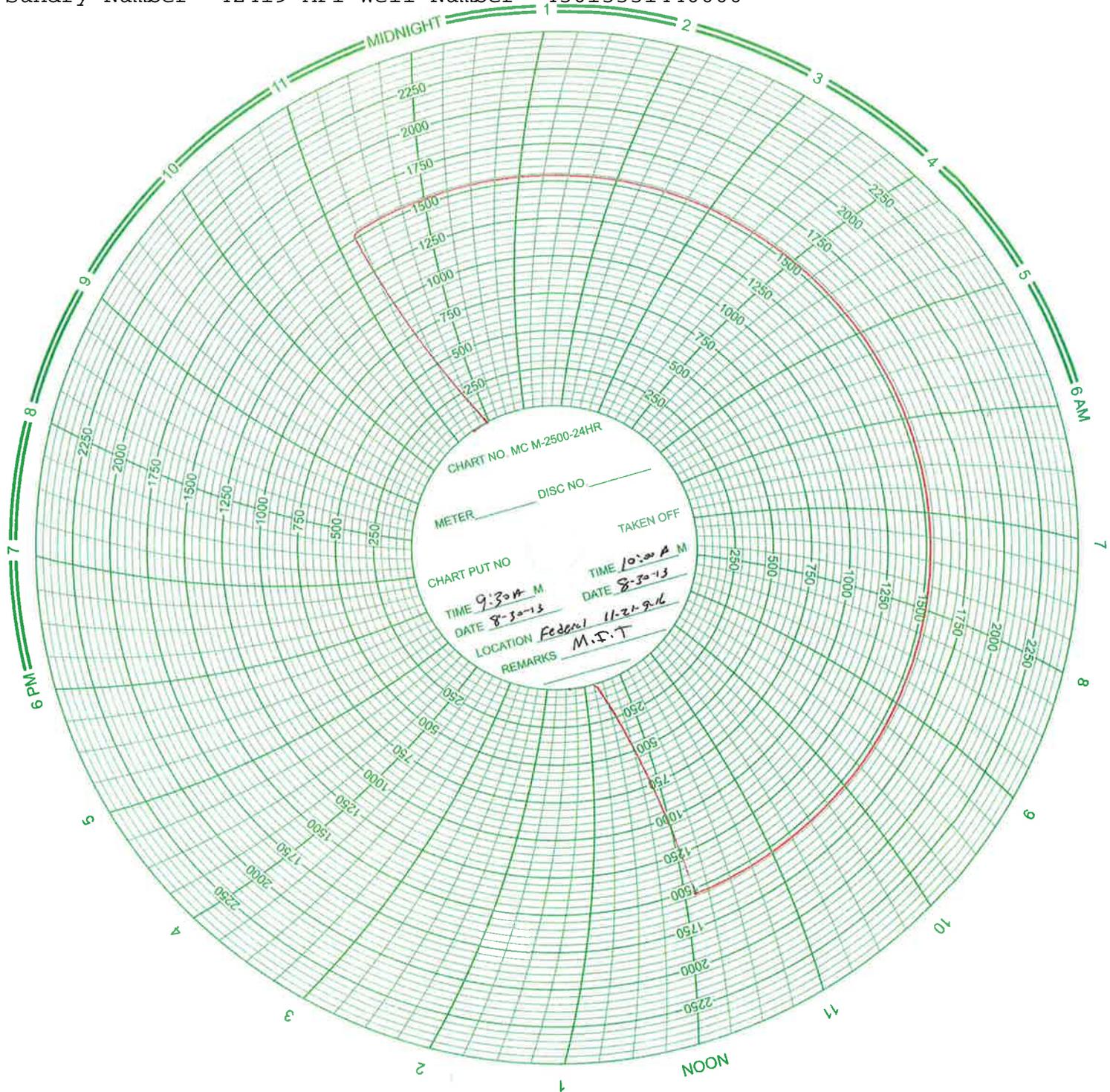
Well: Federal 11-21-9-16 **Field:** Monument Butte
Well Location: Federal 11-21-9-16 **API No:** 4301333144

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1525</u>	psig
5	<u>1525</u>	psig
10	<u>1525</u>	psig
15	<u>1525</u>	psig
20	<u>1525</u>	psig
25	<u>1525</u>	psig
30 min	<u>1525</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 500 psig

Result: Pass **Fail**

Signature of Witness: _____
Signature of Person Conducting Test: Riley Bly



Daily Activity Report

Format For Sundry

FEDERAL 11-21-9-16

6/1/2013 To 10/30/2013

8/27/2013 Day: 1

Conversion

WWS #9 on 8/27/2013 - Crew travel and safety meeting. Check pressure on 9-13T-9-16 lost 300lbs - Crew travel and safety meeting. Check pressure on 9-13T-9-16 lost 300lbs. Over the weekend pressured back up had water servives hand hook up chart good. Rig down move to federal 11-21-9-16 rig up pump 60 bbls. Down casing at 250 degrees 10:30 am. Remove head from unit pull rods unseat pump lay down 2 rods flush tubing at 11:20 am with 30 bbls reset pump. Fill tubing with 15 bbls pressure test to 3000 lbs good bleed off start lay down rods at 12:12 130 out flush tubing with 25bbls 13.50 pm continue to lay down rods and pump 14.45 pm xover to tubing equip. nipple down wellhead pullup release tac nipple up BOPs rig down floor 16:00 pm tool out of hole breaking collars and talley pipe 17:00 40 joints shut well in for night.17:00 to 18:00 crew travel - Crew travel and safety meeting. Check pressure on 9-13T-9-16 lost 300lbs. Over the weekend pressured back up had water servives hand hook up chart good. Rig down move to federal 11-21-9-16 rig up pump 60 bbls. Down casing at 250 degrees 10:30 am. Remove head from unit pull rods unseat pump lay down 2 rods flush tubing at 11:20 am with 30 bbls reset pump. Fill tubing with 15 bbls pressure test to 3000 lbs good bleed off start lay down rods at 12:12 130 out flush tubing with 25bbls 13.50 pm continue to lay down rods and pump 14.45 pm xover to tubing equip. nipple down wellhead pullup release tac nipple up BOPs rig down floor 16:00 pm tool out of hole breaking collars and talley pipe 17:00 40 joints shut well in for night.17:00 to 18:00 crew travel **Finalized**

Daily Cost: \$0

Cumulative Cost: \$17,625

8/28/2013 Day: 2

Conversion

WWS #9 on 8/28/2013 - 6:00 to 7:00 am Crew travel and safety meeting continue Tooh with 2 7/8 tubing breaking collar - 6:00 to 7:00 am Crew travel and safety meeting continue Tooh with 2 7/8 tubing breaking collars 100 joints out flush tubing with 30 bbls. @ 250 degrees. 10:30 am continue Tooh breaking collars 144 total lay down 31 extra joints on trailer 13:50 pm tool in hole wuth packer assembly. Re-entry guide YN nipple 4 ft. tubing sub. 2 3/8 crossover, 5 1/2 inch injection packer no off tool PSN 144 joints 2 7/8 tubing 15:30 pm pump 10 bbls. Drop standing valve fill tubing with 30 bbls. Pressure up to 3000 psi. watch 30 minutes lost 200 psi. pressure back up to 3000 psi. watch 30 minutes lost 40 psi. bump back up to 3000 psi. check in morning shut well in for night.17:00 to 18:00 crew travel. - 6:00 to 7:00 am Crew travel and safety meeting continue Tooh with 2 7/8 tubing breaking collars 100 joints out flush tubing with 30 bbls. @ 250 degrees. 10:30 am continue Tooh breaking collars 144 total lay down 31 extra joints on trailer 13:50 pm tool in hole wuth packer assembly. Re-entry guide YN nipple 4 ft. tubing sub. 2 3/8 crossover, 5 1/2 inch injection packer no off tool PSN 144 joints 2 7/8 tubing 15:30 pm pump 10 bbls. Drop standing valve fill tubing with 30 bbls. Pressure up to 3000 psi. watch 30 minutes lost 200 psi. pressure back up to 3000 psi. watch 30 minutes lost 40 psi. bump back up to 3000 psi. check in morning shut well in for night.17:00 to 18:00 crew travel. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$24,660

8/29/2013 Day: 3

Conversion

WWS #9 on 8/29/2013 - 6:00 am to 7:00 Crew travel and safety mtg. Casing pressure lost

100 psi. pres. Back up to 3000 psi. watch 45 min. good test.Sandline new RIH POOH standing valve 9:25 am POOH - 6:00 am to 7:00 Crew travel and safety mtg. Casing pressure lost 100 psi. pres. Back up to 3000 psi. watch 45 min. good test.Sandline new RIH POOH standing valve 9:25 am POOH RD sandline RD floor NU BOPS 10:15 am pump 60 bbls. Packer fluid set packer at 4546 ft. NU wellhead packer has 15,000 tension fill casing with 12 bbls. Well head is leaking where it screws onto csg. PU on TBG tighten wellhead pres. Backup to 1500 psi. watch 30 min. 11:50 am to 12:25 still leaking unscrew wellhead teflon tape the 5 1/2 csg. Tighten wellhead back down pres.up to 1500 psi. Watch 30 min. 12.50 to 13.25 lost 20 psi. watch another 30 min. still leaking tighten WH. One more round pressure up to1500 psi. watch 30 min. 14.20 pm to 15.00 pm good rig down .Move off to the 7-18-9-16 Rig up - - 6:00 am to 7:00 Crew travel and safety mtg. Casing pressure lost 100 psi. pres. Back up to 3000 psi. watch 45 min. good test.Sandline new RIH POOH standing valve 9:25 am POOH RD sandline RD floor NU BOPS 10:15 am pump 60 bbls. Packer fluid set packer at 4546 ft. NU wellhead packer has 15,000 tension fill casing with 12 bbls. Well head is leaking where it screws onto csg. PU on TBG tighten wellhead pres. Backup to 1500 psi. watch 30 min. 11:50 am to 12:25 still leaking unscrew wellhead teflon tape the 5 1/2 csg. Tighten wellhead back down pres.up to 1500 psi. Watch 30 min. 12.50 to 13.25 lost 20 psi. watch another 30 min. still leaking tighten WH. One more round pressure up to1500 psi. watch 30 min. 14.20 pm to 15.00 pm good rig down .Move off to the 7-18-9-16 Rig up - **Finalized**

Daily Cost: \$0

Cumulative Cost: \$31,335

9/3/2013 Day: 4

Conversion

Rigless on 9/3/2013 - Conduct initial MIT - On 08/29/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/30/2013 the casing was pressured up to 1525 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 500 psig during the test. There was not a State representative available to witness the test. - On 08/29/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/30/2013 the casing was pressured up to 1525 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 500 psig during the test. There was not a State representative available to witness the test.

Finalized

Daily Cost: \$0

Cumulative Cost: \$63,547

Pertinent Files: Go to File List

Federal 11-21-9-16

Spud Date: 7-04-07
 Put on Production: 8-06-07
 GL: 6040' KB: 6052'

Injection Wellbore Diagram

SURFACE CASING

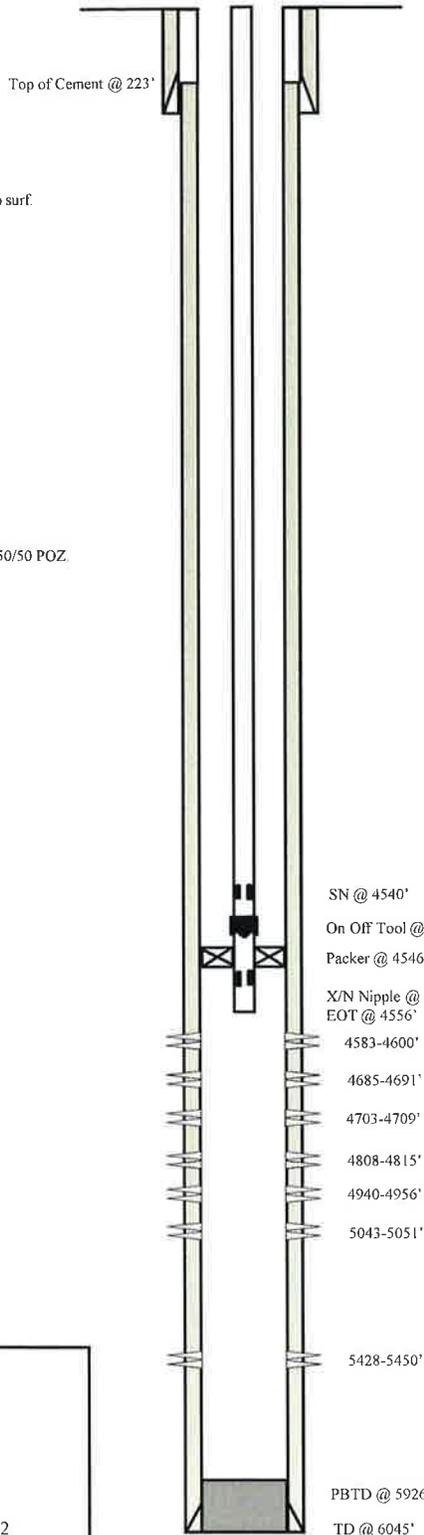
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (309.74')
 DEPTH LANDED: 321.59' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts (6017.88')
 DEPTH LANDED: 6031.13' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 223'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 144 jts (4528')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4540' KB
 ON/OFF TOOL AT: 4541.1'
 ARROW #1 PACKER CE AT: 4546.23'
 XO 2-3/8 x 2-7/8 J-55 AT: 4550'
 TBG PUP 2-3/8 J-55 AT: 4550.6'
 X/N NIPPLE AT: 4554.7'
 TOTAL STRING LENGTH: EOT @ 4556.26'



FRAC JOB

08-01-07 5428-5450' **Frac CP1 sands as follows:**
 99480# 20/40 sand in 758 bbls Lightning 17 frac fluid. Treated @ avg press of 2388 psi w/avg rate of 24.8 BPM. ISIP 2100 psi. Calc flush: 5426 gal. Actual flush: 4839 gal.

08-01-07 5043-5051' **Frac LODC sands as follows:**
 24293# 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 2280 psi w/avg rate of 24.9 BPM. ISIP 2492 psi. Calc flush: 5041 gal. Actual flush: 4524 gal.

0801-07 4940-4956' **Frac A3 sands as follows:**
 70072# 20/40 sand in 595 bbls Lightning 17 frac fluid. Treated @ avg press of 2180 psi w/avg rate of 24.9 BPM. ISIP 2368 psi. Calc flush: 4938 gal. Actual flush: 4431 gal.

08-01-07 4808-4815' **Frac B2 sand as follows:**
 14168# 20/40 sand in 280 bbls Lightning 17 frac fluid. Treated @ avg press of 2415 w/avg rate of 25 BPM. ISIP 1720 psi. Calc flush: 4806 gal. Actual flush: 4301 gal.

08-01-07 4685-4709' **Frac C sand as follows:**
 19350# 20/40 sand in 304 bbls Lightning 17 frac fluid. Treated @ avg press of 1870 w/avg rate of 24.8 BPM. ISIP 1717 psi. Calc flush: 4683 gal. Actual flush: 4179 gal.

08-01-07 4583-4600' **Frac D2 sand as follows:**
 112592# 20/40 sand in 813 bbls Lightning 17 frac fluid. Treated @ avg press of 1600 w/avg rate of 24.7 BPM. ISIP 1750 psi. Calc flush: 4581 gal. Actual flush: 4494 gal.

12/18/08 **Stuck Pump.** Updated rod & tubing details
 05/25/11 **Parted Rods Rod & tubing updated.**
 08/28/13 **Convert to Injection Well**
 08/30/13 **Conversion MIT Finalized** - update tbg detail

PERFORATION RECORD

Date	Interval	Perforations	Holes
07-24-07	5428-5450'	4 JSPF	22 holes
08-01-07	5043-5051'	4 JSPF	32 holes
08-01-07	4940-4956'	4 JSPF	64 holes
08-01-07	4808-4815'	4 JSPF	28 holes
08-01-07	4703-4709'	4 JSPF	24 holes
08-01-07	4685-4691'	4 JSPF	24 holes
08-01-07	4583-4600'	4 JSPF	68 holes

NEWFIELD

Federal 11-21-9-16
 1742' FSL & 2052' FWL
 NE/SW Section 21-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33144; Lease # UTU-74392

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.	
1. TYPE OF WELL Water Injection Well	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74392
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
PHONE NUMBER: 435 646-4825 Ext	8. WELL NAME and NUMBER: FEDERAL 11-21-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1742 FSL 2052 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 21 Township: 09.0S Range: 16.0E Meridian: S	9. API NUMBER: 43013331440000
	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/27/2013	<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 9:30 AM on 09/27/2013.

Accepted by the Utah Division of Oil, Gas and Mining

Date: November 04, 2013

By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/4/2013	

NEWFIELD



Newfield Exploration Company

1001 17th Street | Suite 2000

Denver, Colorado 80202

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

February 8, 2013

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

RE: Permit Application for Water Injection Well
Federal #11-21-9-16
Monument Butte Field, Lease #UTU-74392
Section 21-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #11-21-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

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

Sincerely,

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

Eric Sundberg
Environmental Manager

RECEIVED
FEB 12 2013
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #11-21-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-74392
FEBRUARY 8, 2013

TABLE OF CONTENTS

LETTER OF INTENT	
COVER PAGE	
TABLE OF CONTENTS	
UIC FORM 1 – APPLICATION FOR INJECTION WELL	
WELLBORE DIAGRAM OF PROPOSED INJECTION	
WORK PROCEDURE FOR INJECTION CONVERSION	
COMPLETED RULE R615-5-1 QUESTIONNAIRE	
COMPLETED RULE R615-5-2 QUESTIONNAIRE	
ATTACHMENT A	ONE-HALF MILE RADIUS MAP
ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – FEDERAL #11-21-9-16
ATTACHMENT E-1	WELLBORE DIAGRAM – FEDERAL #3-21-9-16
ATTACHMENT E-2	WELLBORE DIAGRAM – FEDERAL #5-21-9-16
ATTACHMENT E-3	WELLBORE DIAGRAM – FEDERAL #6-21-9-16
ATTACHMENT E-4	WELLBORE DIAGRAM – FEDERAL #7-21-9-16
ATTACHMENT E-5	WELLBORE DIAGRAM – FEDERAL #9-21-9-16
ATTACHMENT E-6	WELLBORE DIAGRAM – FEDERAL #10-21-9-16
ATTACHMENT E-7	WELLBORE DIAGRAM – FEDERAL #12-21-9-16
ATTACHMENT E-8	WELLBORE DIAGRAM – FEDERAL #13-21-9-16
ATTACHMENT E-9	WELLBORE DIAGRAM – FEDERAL #14-21-9-16
ATTACHMENT E-10	WELLBORE DIAGRAM – FEDERAL #15-21-9-16
ATTACHMENT E-11	WELLBORE DIAGRAM – FEDERAL #16-21-9-16
ATTACHMENT E-12	WELLBORE DIAGRAM – FEDERAL #2-28-9-16
ATTACHMENT E-13	WELLBORE DIAGRAM – FEDERAL #3-28-9-16
ATTACHMENT E-14	WELLBORE DIAGRAM – FEDERAL #4-28-9-16
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED – 7/25/07 – 8/7/07
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

Federal 11-21-9-16

Spud Date: 7-04-07
 Put on Production: 8-06-07
 GL: 6040' KB: 6052'

Initial Production: BOPD,
 MCFD, BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (309.74')
 DEPTH LANDED: 321.59' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

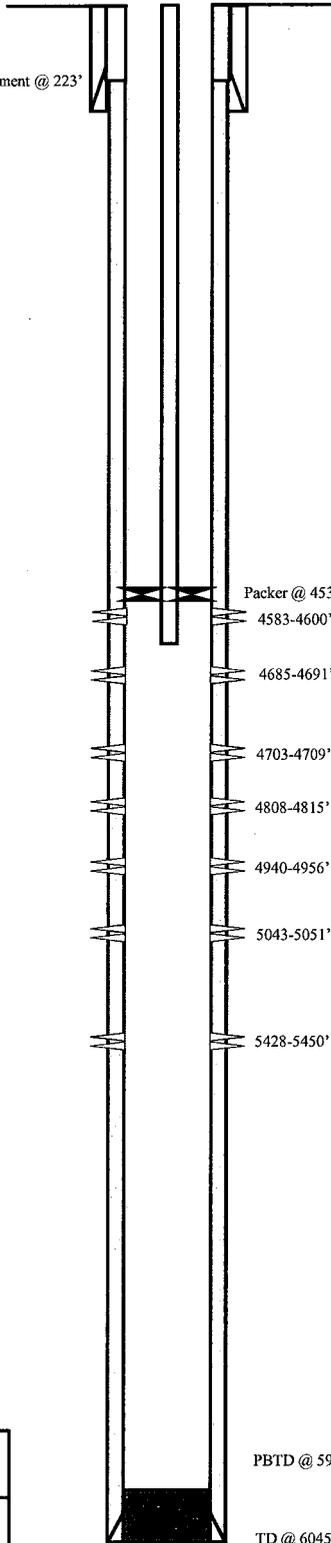
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts (6017.88')
 DEPTH LANDED: 6031.13' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 223'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 172 jts (5405.76')
 TUBING ANCHOR: 5406' KB
 NO. OF JOINTS: 1 jts (31.54')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5440.1' KB
 NO. OF JOINTS: 2 jts (63.10')
 TOTAL STRING LENGTH: EOT @ 5504' KB

Top of Cement @ 223'



FRAC JOB

08-01-07	5428-5450'	Frac CP1 sands as follows: 99480# 20/40 sand in 758 bbls Lightning 17 frac fluid. Treated @ avg press of 2388 psi w/avg rate of 24.8 BPM. ISIP 2100 psi. Calc flush: 5426 gal. Actual flush: 4839 gal.
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12/18/08 05/25/11		Stuck Pump. Updated rod & tubing details. Parted Rods Rod & tubing updated.

PERFORATION RECORD

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08-01-07	4703-4709'	4 JSPF	24 holes
08-01-07	4685-4691'	4 JSPF	24 holes
08-01-07	4583-4600'	4 JSPF	68 holes

NEWFIELD

Federal 11-21-9-16

1742' FSL & 2052' FWL
 NE/SW Section 21-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33144; Lease # UTU-74392

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 #11-21-9-16 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 #11-21-9-16 well, the proposed injection zone is from Garden Gulch to Wasatch (3860' - 5962'). 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 3535' and the TD is at 6045'.

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

The referenced log for the Federal #11-21-9-16 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-74392) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

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

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

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

See Attachments A and B.

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

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

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

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

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

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

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

The casing program is 8-5/8", 24# surface casing run to 322' KB, and 5-1/2", 15.5# casing run from surface to 6031' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

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

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

 - 2.7 **Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1687 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Federal #11-21-9-16, for existing perforations (4583' - 5450') calculates at 0.80 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 1687 psig. We may add additional perforations between 3535' and 6045'. See Attachments G and G-1.

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

In the Federal #11-21-9-16, the proposed injection zone (3860' - 5962') is in the Garden Gulch to the Wasatch of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

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

See Attachments E through E-14.

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

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

See Attachment C.

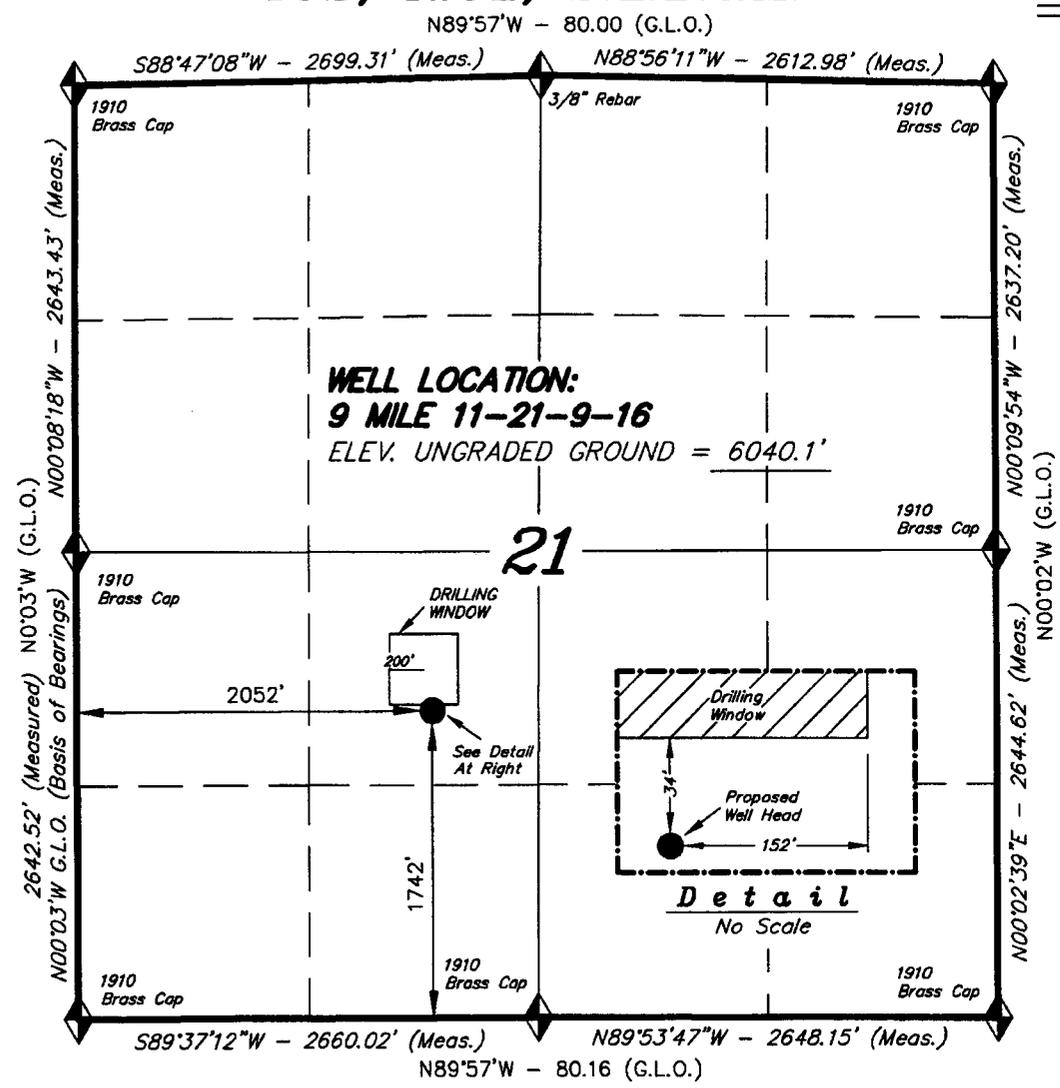
2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

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

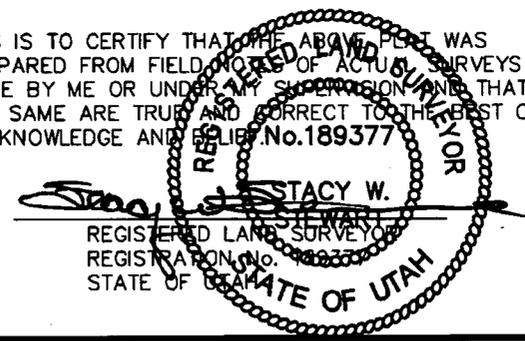
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 11-21-9-16,
 LOCATED AS SHOWN IN THE NE 1/4 SW
 1/4 OF SECTION 21, T9S, R16E,
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



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



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

9 MILE 11-21-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 00' 50.21"
 LONGITUDE = 110° 07' 35.21"

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 3-23-06	SURVEYED BY: C.M.
DATE DRAWN: 3-26-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 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
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 17: S2 Section 20: N2	USA UTU-52018 HBP	Newfield Production Company Newfield RMI LLC	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #11-21-9-16

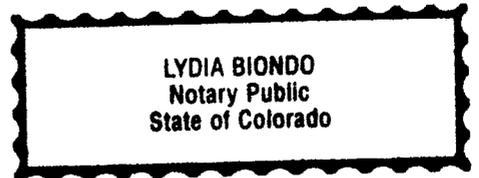
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: 
Newfield Production Company
Eric Sundberg
Environmental Manager

Sworn to and subscribed before me this 8th day of February, 2013.

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

My Commission Expires: 12/31/15



Federal 11-21-9-16

Spud Date: 7-04-07
 Put on Production: 8-06-07
 GL: 6040' KB: 6052'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (309.74')
 DEPTH LANDED: 321.59' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts (6017.88')
 DEPTH LANDED: 6031.13' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 223'

TUBING

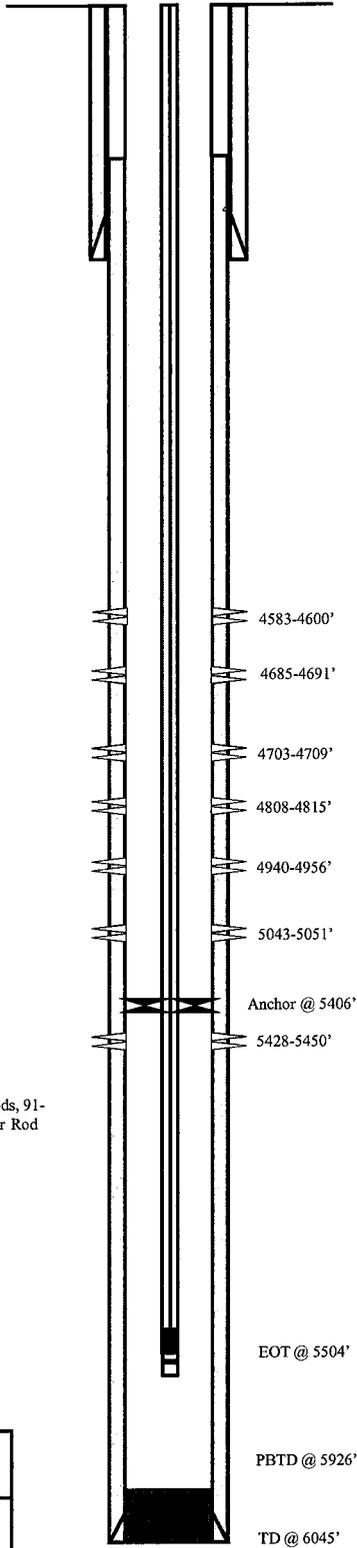
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 172 jts (5405.76')
 TUBING ANCHOR: 5406' KB
 NO. OF JOINTS: 1 jts (31.54')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5440.1' KB
 NO. OF JOINTS: 2 jts (63.10')
 TOTAL STRING LENGTH: EOT @ 5504' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
 SUCKER RODS: 1-2", 1-4", & 1-8" x 3/4" pony rods, 100- 3/4" guided rods, 91- 3/4" guided rods, 20- 3/4" guided rods, 6- 1/2" sinker bars, 1-1" Stabilizer Rod
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' x 20' RHAC w/SM plunger
 STROKE LENGTH: 102"
 PUMP SPEED, SPM: 4.5 SPM

FRAC JOB

08-01-07	5428-5450'	Frac CP1 sands as follows: 99480# 20/40 sand in 758 bbls Lightning 17 frac fluid. Treated @ avg press of 2388 psi w/avg rate of 24.8 BPM. ISIP 2100 psi. Calc flush: 5426 gal. Actual flush: 4839 gal.
08-01-07	5043-5051'	Frac LODC sands as follows: 24293# 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 2280 psi w/avg rate of 24.9 BPM. ISIP 2492 psi. Calc flush: 5041 gal. Actual flush: 4524 gal.
0801-07	4940-4956'	Frac A3 sands as follows: 70072# 20/40 sand in 595 bbls Lightning 17 frac fluid. Treated @ avg press of 2180 psi w/avg rate of 24.9 BPM. ISIP 2368 psi. Calc flush: 4938 gal. Actual flush: 4431 gal.
08-01-07	4808-4815'	Frac B2 sand as follows: 14168# 20/40 sand in 280 bbls Lightning 17 frac fluid. Treated @ avg press of 2415 w/ avg rate of 25 BPM. ISIP 1720 psi. Calc flush: 4806 gal. Actual flush: 4301 gal.
08-01-07	4685-4709'	Frac C sand as follows: 19350# 20/40 sand in 304 bbls Lightning 17 frac fluid. Treated @ avg press of 1870 w/ avg rate of 24.8 BPM. ISIP 1717 psi. Calc flush: 4683 gal. Actual flush: 4179 gal.
08-01-07	4583-4600'	Frac D2 sand as follows: 112592# 20/40 sand in 813 bbls Lightning 17 frac fluid. Treated @ avg press of 1600 w/ avg rate of 24.7 BPM. ISIP 1750 psi. Calc flush: 4581 gal. Actual flush: 4494 gal.
12/18/08 05/25/11		Stuck Pump. Updated rod & tubing details. Parted Rods Rod & tubing updated.



PERFORATION RECORD

07-24-07	5428-5450'	4 JSPF	22 holes
08-01-07	5043-5051'	4 JSPF	32 holes
08-01-07	4940-4956'	4 JSPF	64 holes
08-01-07	4808-4815'	4 JSPF	28 holes
08-01-07	4703-4709'	4 JSPF	24 holes
08-01-07	4685-4691'	4 JSPF	24 holes
08-01-07	4583-4600'	4 JSPF	68 holes

NEWFIELD

Federal 11-21-9-16

1742' FSL & 2052' FWL
 NE/SW Section 21-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33144; Lease # UTU-74392

Federal 3-21-9-16

Spud Date: 10-24-06
 Put on Production: 12-7-06
 GL: 5975' KB: 5987'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (310.86')
 DEPTH LANDED: 322.71' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 2 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 134 jts (5839.32')
 DEPTH LANDED: 5852.57' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP AT: 90'

TUBING

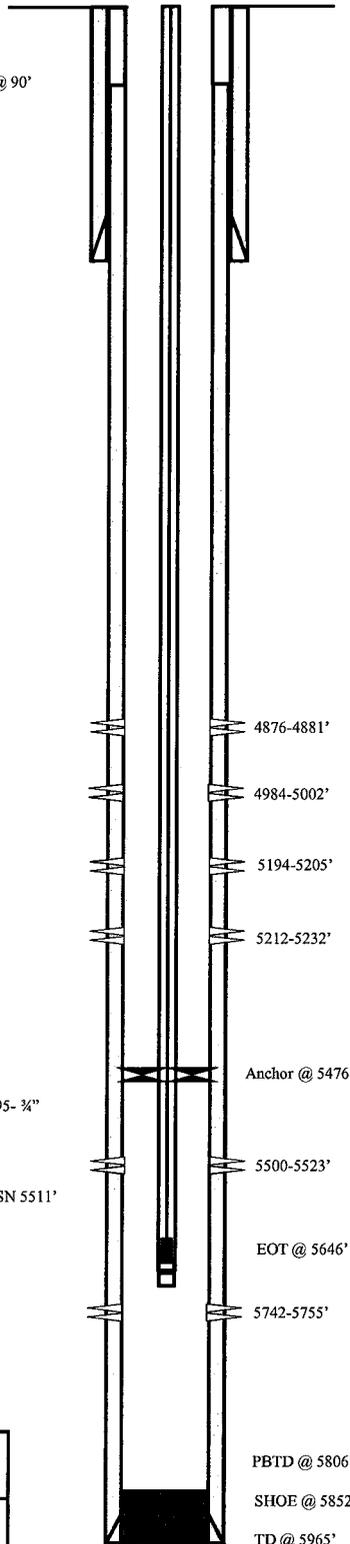
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 170 jts (5464.16')
 TUBING ANCHOR: 5476.16' KB
 NO. OF JOINTS: 1 jts (31.59')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5510.55' KB
 NO. OF JOINTS: 1 jts (33.42')
 NO. OF JOINTS: 3jts (95.00)
 TOTAL STRING LENGTH: EOT @ 5646.27' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-8", & 1-4 x 3/4" pony rods, 99- 3/4" scraped rods, 95- 3/4" plain rods, 40- 3/4" scraped rods, 6-1 1/2" weight rods..
 PUMP SIZE: 2-1/2" x 1-1/2" x 14' RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM

FRAC JOB

11-30-06	5742-5755'	Frac CP4 sands as follows: 29540# 20/40 sand in 399 bbls Lightning 17 frac fluid. Treated @ avg press of 2075 psi w/avg rate of 24.9 BPM. ISIP 2100 psi. Calc flush: 5740 gal. Actual flush: 5233 gal.
12-01-06	5500-5523'	Frac CP1 sands as follows: 89095# 20/40 sand in 713 bbls Lightning 17 frac fluid. Treated @ avg press of 1762 psi w/avg rate of 24.8 BPM. ISIP 1830 psi. Calc flush: 5498 gal. Actual flush: 4994 gal.
12-01-06	5194-5232'	Frac LODC sands as follows: 126238# 20/40 sand in 886 bbls Lightning 17 frac fluid. Treated @ avg press of 2565 psi w/avg rate of 24.7 BPM. ISIP 2450 psi. Calc flush: 5192 gal. Actual flush: 4675 gal.
12-01-06	4984-5002'	Frac A1 sands as follows: 18951# 20/40 sand in 288 bbls Lightning 17 frac fluid. Treated @ avg press of 2110 w/ avg rate of 24.9 BPM. ISIP 2130 psi. Calc flush: 4982 gal. Actual flush: 4519 gal.
12-01-06	4876-4881'	Frac B2 sands as follows: 12667# 20/40 sand in 262 bbls Lightning 17 frac fluid. Treated @ avg press of 2135 w/ avg rate of 25.0 BPM. ISIP 1710 psi. Calc flush: 4874 gal. Actual flush: 4788 gal.
03/10/07		Pump Change. Update rod and tubing details.
12/19/08		Tubing Leak. Updated rod & tubing details.
09/08/08		Parted Rods. Updated rod & tubing details.



PERFORATION RECORD

11-27-06	5742-5755'	4 JSPF	52 holes
11-30-06	5500-5523'	4 JSPF	92 holes
12-01-06	5212-5232'	4 JSPF	80 holes
12-01-06	5194-5205'	4 JSPF	44 holes
12-01-06	4984-5002'	4 JSPF	72 holes
12-01-06	4876-4881'	4 JSPF	20 holes

NEWFIELD

Federal 3-21-9-16

774' FNL & 1909' FWL

NE/NW Section 21-T9S-R16E

Duchesne Co, Utah

API # 43-013-33019; Lease # UTU-64379

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

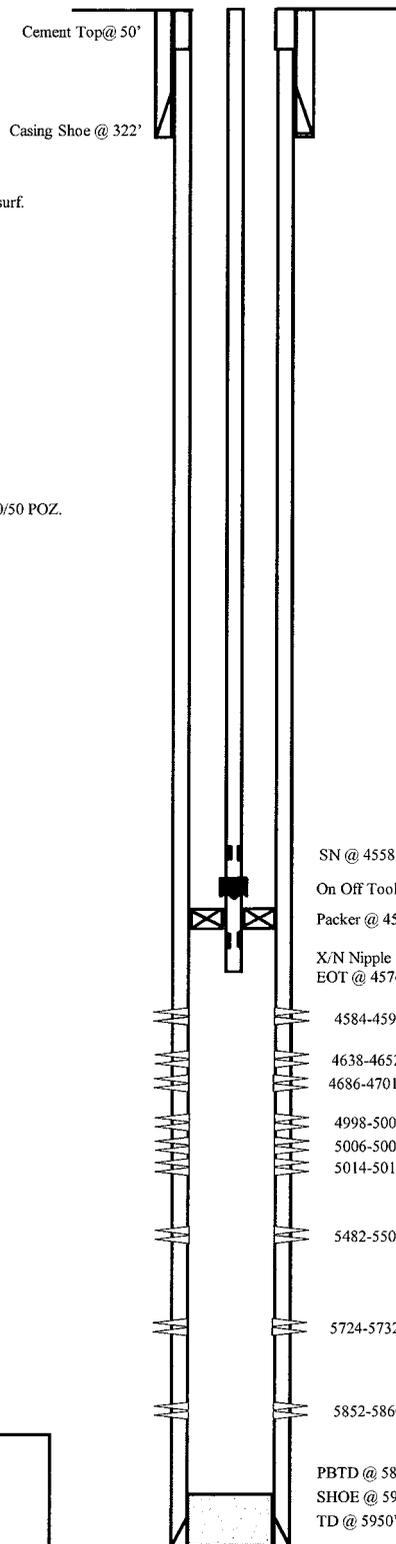
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (310.62')
 DEPTH LANDED: 322.47' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

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		Conversion to Injection Well
12/14/12		Conversion MIT Finalized – update tbg detail

PERFORATION RECORD

Date	Interval	Tool	Holes
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

Spud Date: 10/22/06
 Put on Production: 12/07/06
 GL: 6019' KB: 6031'

Federal 6-21-9-16

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (310.77')
 DEPTH LANDED: 322.62' 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: 134 jts. (5916.95')
 DEPTH LANDED: 5930.20' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP: 60'

TUBING

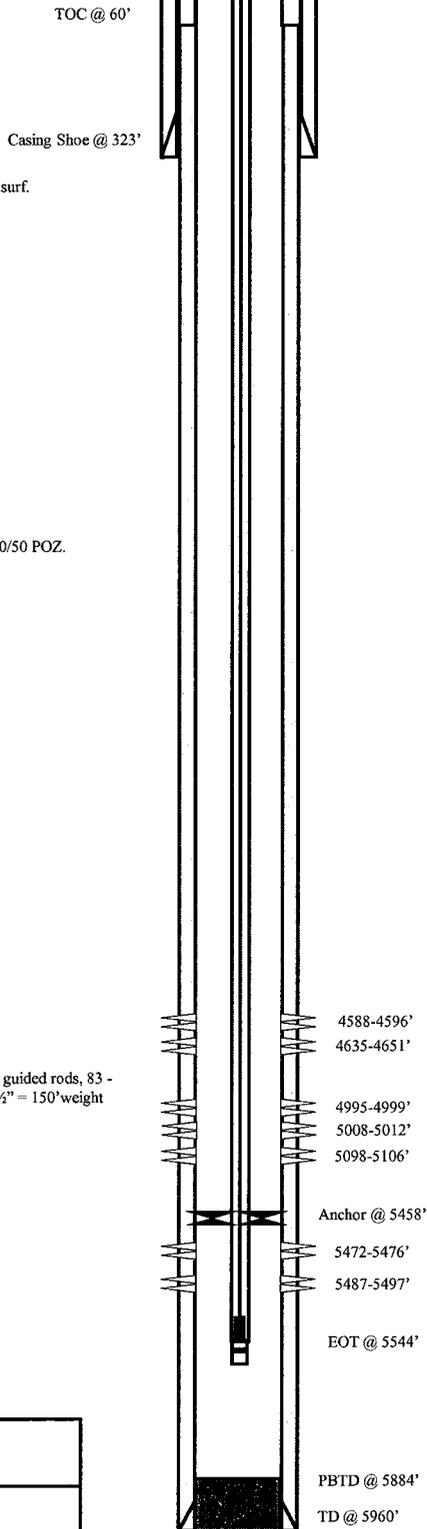
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 173 jts (5445.60')
 TUBING ANCHOR: 5457.6' KB
 NO. OF JOINTS: 1 jts (31.6')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5480' KB
 NO. OF JOINTS: 2 jts (63')
 TOTAL STRING LENGTH: EOT @ 5544' w/ 12' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1 x 3/8" = 2' pony rod, 100 - 3/4" = 2500' guided rods, 83 - 3/4" = 2075' guided rods, 30 - 3/4" = 750' guided rods, 6-1 1/2" = 150' weight rods.
 PUMP SIZE: CDI 2-1/2" x 1-1/4" x 14 x 18' RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, 4 SPM:

FRAC JOB

11/28/06	5497-5472'	Frac CP1 sands as follows: 60318# 20/40 sand in 517 bbls Lightning 17 frac fluid. Treated @ avg press of 2202 psi w/avg rate of 25.0 BPM. ISIP 3010 psi. Calc flush: 5495 gal. Actual flush: 4964 gal.
11/28/06	5098-5106'	Frac LODC sands as follows: 19850# 20/40 sand in 292 bbls Lightning 17 frac fluid. Treated @ avg press of 2154 psi w/avg rate of 14.3 BPM. ISIP 2720 psi. Calc flush: 5096 gal. Actual flush: 4590 gal.
11/28/06	4651-4588'	Frac D1 & D2 sands as follows: 126303# 20/40 sand in 857 bbls Lightning 17 frac fluid. Treated @ avg press of 1655 psi w/avg rate of 24.8 BPM. ISIP 1880 psi. Calc flush: 4649 gal. Actual flush: 4494 gal.
03/15/07		Pump Change. Update rod and tubing details.
11/11/10	4995-5012'	Frac A3 sands as follows: 32618# 20/40 sand in 283 bbls Lightning 17 fluid.
11/17/10		Re-Completion finalized - updated tbg and rod details
4/7/2011		Pump Change. Rod & tubing detail updated.



PERFORATION RECORD

11/28/06	5487-5497'	4 JSPF	40 holes
11/28/06	5472-5476'	4 JSPF	16 holes
11/28/06	5098-5106'	4 JSPF	32 holes
11/28/06	4635-4651'	4 JSPF	64 holes
11/28/06	4588-4596'	4 JSPF	32 holes
11/11/10	5008-5012'	3 JSPF	12 holes
11/11/10	4995-4999'	3 JSPF	12 holes

NEWFIELD

Federal 6-21-9-16

2159'FNL & 1887' FWL

SE/NW Section 21-T9S-R16E

Duchesne Co, Utah

API #43-013-33021; Lease #UTU-64379

Federal 7-21-9-16

Spud Date: 4-27-07
 Put on Production: 7-19-07
 GL: 6006' KB: 6018'

Injection Wellbore Diagram

SURFACE CASING

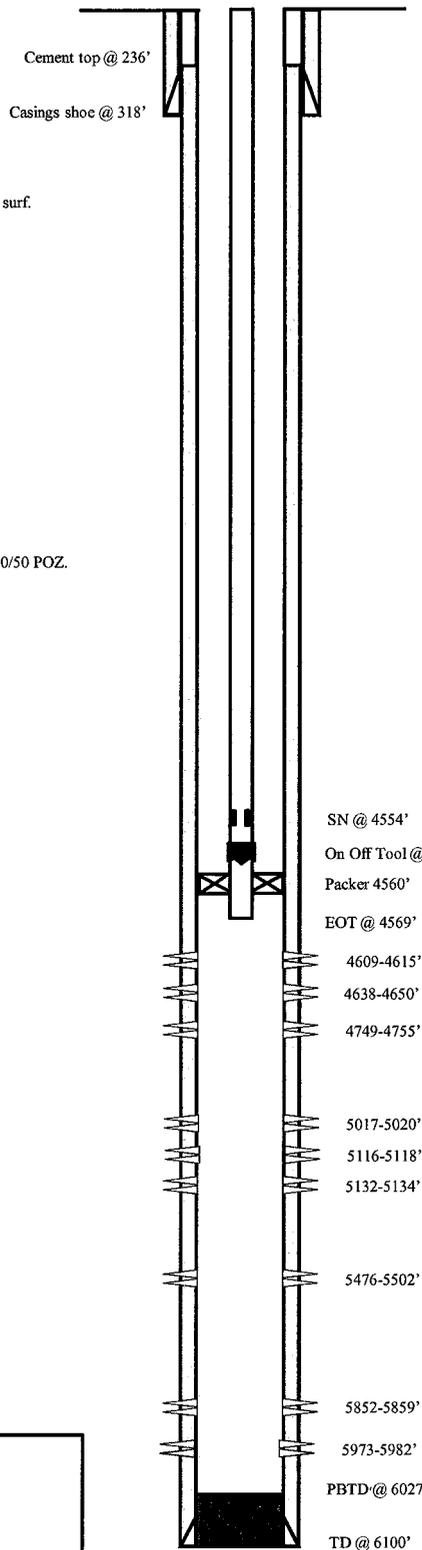
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (306.20')
 DEPTH LANDED: 318.05' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 138 jts. (6095.73')
 DEPTH LANDED: 6094.98' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 236'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 145 jts (4541.8')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4553.8'
 ON/OFF TOOL AT: 4554.9'
 ARROW #1 PACKER CE AT: 4559.85'
 XO 2-3/8 x 2-7/8 J-55 AT: 4563.6'
 TBG PUP 2-3/8 J-55 AT: 4564.1'
 TOTAL STRING LENGTH: EOT @ 4569'



FRAC JOB

07-11-07	5973-5982'	Frac BSC sands as follows: 40929# 20/40 sand in 364 bbls Lightning 17 frac fluid. Treated @ avg press of 2699 psi w/avg rate of 24.8 BPM. ISIP 3967 psi. Calc flush: 5971 gal. Actual flush: 2129 gal.
07-16-07	5852-5859'	Frac BSC sands as follows: 15775# 20/40 sand in 299 bbls Lightning 17 frac fluid. Treated @ avg press of 2760 psi w/avg rate of 22.3 BPM. ISIP 2583 psi. Calc flush: 5850 gal. Actual flush: 5376 gal.
07-16-07	5476-5502'	Frac CP1 sands as follows: 116102# 20/40 sand in 859 bbls Lightning 17 frac fluid. Treated @ avg press of 1840 psi w/avg rate of 24.4 BPM. ISIP 2275 psi. Calc flush: 5474 gal. Actual flush: 4956 gal.
07-16-07	4749-4755'	Frac C sand as follows: 24885# 20/40 sand in 348 bbls Lightning 17 frac fluid. Treated @ avg press of 2138 w/avg rate of 2448 BPM. ISIP 1780 psi. Calc flush: 4747 gal. Actual flush: 4284 gal.
07-16-07	4609-4650'	Frac D1 & D2 sand as follows: 53260# 20/40 sand in 585 bbls Lightning 17 frac fluid. Treated @ avg press of 2082 w/avg rate of 24.5 BPM. ISIP 1820 psi. Calc flush: 4691 gal. Actual flush: 4494 gal.
11-26-07		Pump Change. Updated rod & tubing details.
10/30/09		Pump Change. Updated rod & tubing details.
8/16/11		Parted Rods. Updated rod & tubing details.
09/24/12	5116 - 5134'	Frac LODC sand as follows: 23425# 20/40 sand in 360bbls Lightning 17 frac fluid
09/24/12	5017 - 5020'	Frac A3 sand as follows: 18616# 20/40 sand in 269bbls Lightning 17 frac fluid
09/25/12		Convert to Injection Well
09/27/12		Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

07-05-07	5973-5982'	4 JSPF	36 holes
07-16-07	5852-5859'	4 JSPF	28 holes
07-16-07	5476-5502'	4 JSPF	104 holes
07-16-07	4749-4755'	4 JSPF	24 holes
07-16-07	4638-4650'	4 JSPF	48 holes
07-16-07	4609-4615'	4 JSPF	24 holes
09/20/12	5132-5134'	3 JSPF	6 holes
09/20/12	5116-5118'	3 JSPF	6 holes
09/20/12	5017-5020'	3 JSPF	9 holes



Federal 7-21-9-16
 2172' FNL & 1967' FEL
 SW/NE Section 21-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33022; Lease # UTU-64379

ATTACHMENT E-5

Spud Date: 07/31/09
 Put on Production: 09/02/09
 GL: 5970' KB: 5982'

Federal 9-21-9-16

Injection Wellbore Diagram

SURFACE CASING

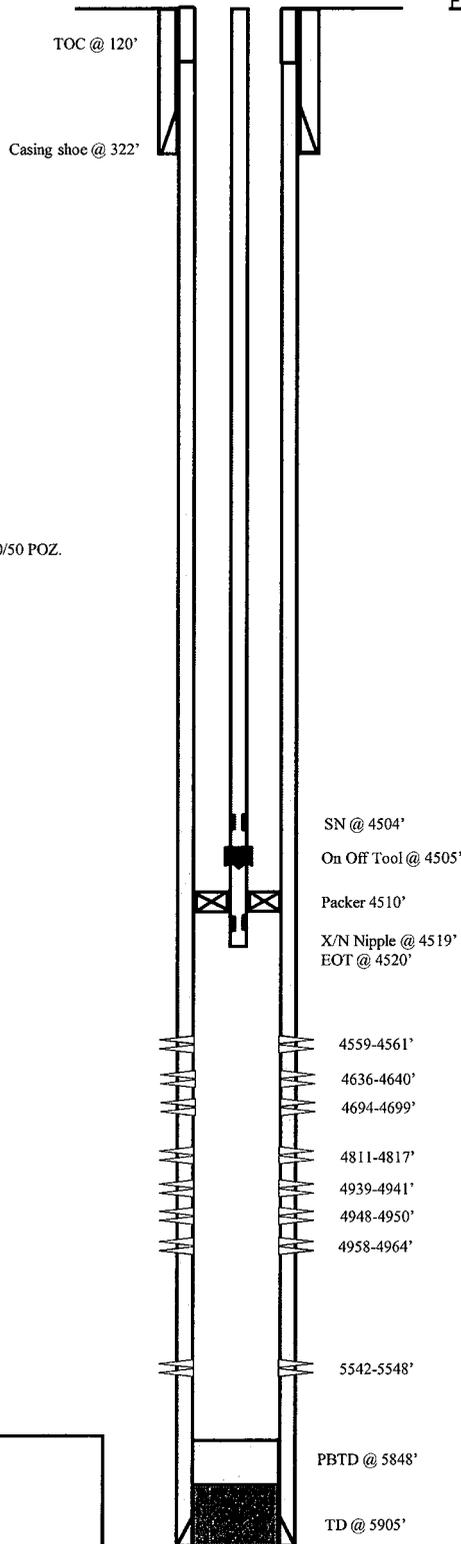
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6 jts. (264')
 DEPTH LANDED: 322'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 140 jts. (5836')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5887.85'
 CEMENT DATA: 260 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 120'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 141 jts (4492.4')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 4504.4' KB
 ON/OFF TOOL AT 4505.5'
 PACKER 5-1/2" AT: 4510'
 XO AT: 4513'
 TBG PUP 2-3/8" AT: 4514.4'
 X/N NIPPLE AT: 4518.6'
 TOTAL STRING LENGTH: EOT @ 4520'



FRAC JOB

9-2-09	5542-5548'	Frac CP3 sands as follows: Frac with 15136# 20/40 sand in 122 bbls Lightning 17 fluid.
9-2-09	4939-4964'	Frac A3 sands as follows: Frac with 115669# 20/40 sand in 698 bbls Lightning 17 fluid.
9-2-09	4811-4817'	Frac B2 sands as follows: Frac with 25293# 20/40 sand in 204 bbls Lightning 17 fluid.
9-2-09	4559-4699'	Frac C, D1, & D3 sands as follows: Frac with 111451# 20/40 sand in 635 bbls Lightning 17 fluid.
11/25/10		Pump Change. Rod & tubing updated.
3/30/11		Tubing leak. Rod & tubing detail updated.
09/12/12		Convert to Injection Well
09/14/12		Conversion MIT Finalized – updtg tbg detail

PERFORATION RECORD

5542-5548'	3 JSPF	18 holes
4958-4964'	3 JSPF	18 holes
4948-4950'	3 JSPF	6 holes
4939-4941'	3 JSPF	6 holes
4811-4817'	3 JSPF	18 holes
4694-4699'	3 JSPF	15 holes
4636-4640'	3 JSPF	12 holes
4559-4561'	3 JSPF	6 holes

NEWFIELD



Federal 9-21-9-16
 2247' FSL & 756' FEL NE/SE
 Section 21-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33145; Lease #UTU-74392

FEDERAL 10-21-9-16

Spud Date: 05/12/07
 Put on Production: 07/26//07
 GL: 6032' KB: 6044'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (306.20')
 DEPTH LANDED: 323.56' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 144 jts. (6041.1')
 DEPTH LANDED: 6054.25' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP: 214'

TUBING

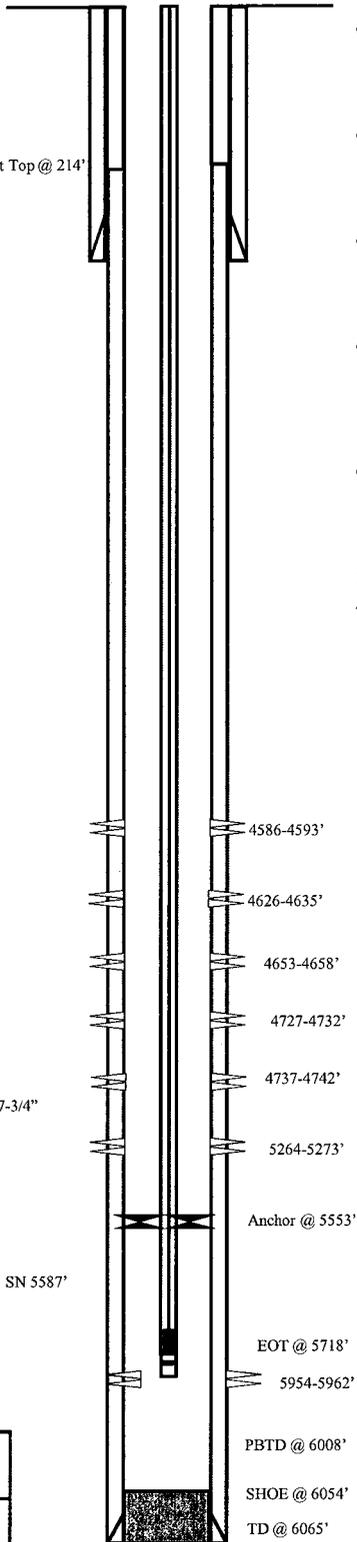
SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 176 jts (5540.93')
 TUBING ANCHOR: 5552.93'
 NO. OF JOINTS: 1 jts (31.50')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5587.23'
 NO. OF JOINTS: 4 jts (123.34')
 TOTAL STRING LENGTH: EOT @ 5717.80'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 1-8", 1-6' x 3/8" pony rods, 99-3/4" scraped rods, 97-3/4" plain rods, 20-3/4" scraped rods, 6-1 1/2" weight rods.
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 15' RHAC W/ sm plunger
 STROKE LENGTH: 86"
 PUMP SPEED, 4.5 SPM:

FRAC JOB

07/20/07	5954-5962'	Frac BSLS sands as follows: 40380# 20/40 sand in 429 bbls Lightning 17 frac fluid. Treated @ avg press of 2388 psi w/avg rate of 24.9 BPM. ISIP 4330 psi. Calc flush: 5952 gal. Actual flush: 5208 gal.
07/20/07	5264-5273'	Frac LODC sands as follows: 15583# 20/40 sand in 279 bbls Lightning 17 frac fluid. Treated @ avg press of 2484 psi w/avg rate of 24.8 BPM. ISIP 2438 psi. Calc flush: 5262 gal. Actual flush: 4746 gal.
07/20/07	4727-4742'	Frac C sands as follows: 45637# 20/40 sand in 434 bbls Lightning 17 frac fluid. Treated @ avg press of 1823 psi w/avg rate of 24.8 BPM. ISIP 1756 psi. Calc flush: 4725 gal. Actual flush: 4284 gal.
07/20/07	4586-4658'	Frac D3, D2, & D1 sands as follows: 0# 20/40 sand in 211 bbls Lightning 17 frac fluid. Treated @ avg press of 1823 psi w/avg rate of 24.8 BPM. ISIP 1597 psi. Calc flush: 4584 gal. Actual flush: 0 gal. (BJ blender broke.)
07/21/07	4586-4658'	Frac D sands as follows: 111055# 20/40 sand in 812 bbls Lightning 17 frac fluid. Treated @ avg press of 1670 psi w/avg rate of 24.8 BPM. ISIP 1770 psi. Calc flush: 4584 gal. Actual flush: 4578 gal
1-23-08		Parted rods. Updated rod & tubing details.
4/21/09		Pump Change. Updated r & t details.



PERFORATION RECORD

Date	Interval	Tool	Holes
07/20/07	5954-5962'	4 JSPF	32 holes
07/20/07	5264-5273'	4 JSPF	36 holes
07/20/07	4737-4742'	4 JSPF	20 holes
07/20/07	4727-4732'	4 JSPF	20 holes
07/20/07	4653-5658'	4 JSPF	20 holes
07/20/07	4626-4635'	4 JSPF	36 holes
07/21/07	4586-4593'	4 JSPF	28 holes

NEWFIELD

FEDERAL 10-21-9-16

1992'FSL & 1810' FEL
 NW/SE Section 21-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33110; Lease # UTU-74392

Federal 12-21-9-16

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

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

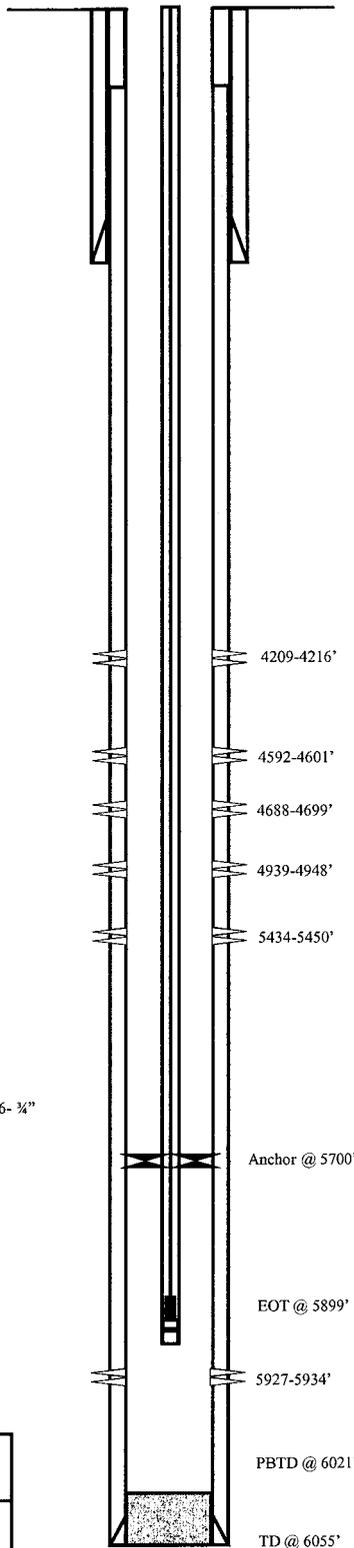
SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 181 jts (5688.')

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



Initial Production: BOPD,
 MCFD, BWPD

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 CPI 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

Federal 13-21-9-16

Spud Date: 4-30-07
 Put on Production: 7-30-07
 GL: 6105' KB: 6117'

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jnts (312.15')
 DEPTH LANDED: 324.01' 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: 137 jnts. (6025.88')
 DEPTH LANDED: 6039.13' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP: surface.

TUBING

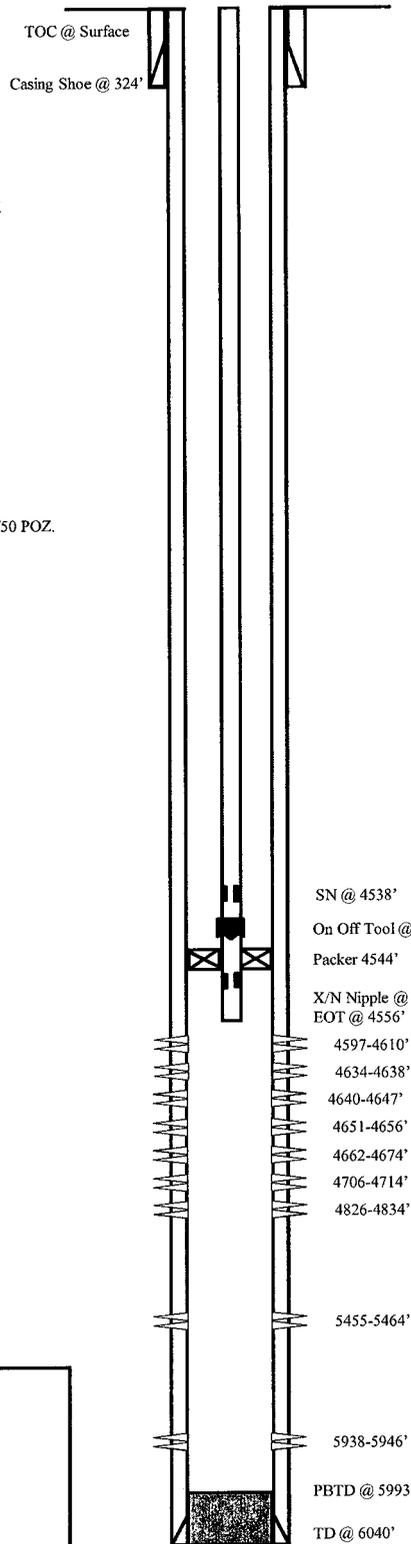
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 144 jnts. (4526.0')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4538'
 ON/OFF TOOL AT: 4539.1'
 ARROW #1 PACKER CE AT: 4544.37'
 XO 2-3/8 x 2-7/8 J-55 AT: 4548.1'
 TBG PUP 2-3/8 J-55 AT: 4548.7'
 X/N NIPPLE AT: 4554.8'
 TOTAL STRING LENGTH: EOT @ 4556'

FRAC JOB

7-25-07	5938-5946'	Frac BSC sands as follows: 14827# 20/40 sand in 293 bbls Lightning 17 frac fluid. Treated @ avg press of 1898 psi w/avg rate of 24.8 BPM. ISIP 1983 psi. Calc flush: 5936 gal. Actual flush: 5418 gal.
7-25-07	5455-5464'	Frac CPI sands as follows: 152957# 20/40 sand in 275 bbls Lightning 17 frac fluid. Treated @ avg press of 2098 psi w/avg rate of 24.7 BPM. ISIP 2085 psi. Calc flush: 5453 gal. Actual flush: 4914 gal.
7-26-07	4826-4834'	Frac B2 sands as follows: 45217# 20/40 sand in 434 bbls Lightning 17 frac fluid. Treated @ avg press of 2144 psi w/avg rate of 28.1 BPM. ISIP 2377 psi. Calc flush: 4824 gal. Actual flush: 4368 gal.
7-26-07	4706-4714'	Frac C sands as follows: 42292# 20/40 sand in 354 bbls Lightning 17 frac fluid. 24.8 BPM. ISIP 1463 psi.
2-19-08		Pump Change. Updated rod & tubing details.
05/15/09		Recompletion.
05/15/09	4597-4610'	Frac D3 & D2 sands as follows: 124935# 20/40 sand in 1196 bbls Lightning 17 frac fluid. 26 BPM. ISIP 1764 psi.
04/19/10		Tubing Leak. Rod & Tubing Updated.
03/24/11		Tubing Leak. Rod & tubing details updated.
12/22/11		Tubing Leak: Rod & tubing details updated.
10/26/12		Convert to Injection Well
10/30/12		Conversion MIT Finalized – update tbg detail

PERFORATION RECORD

7-18-07	5938-5946'	4 JSPPF	32 holes
7-25-07	5455-5464'	4 JSPPF	36 holes
7-25-07	4826-4834'	4 JSPPF	32 holes
7-26-07	4706-4714'	4 JSPPF	32 holes
5-16-09	4662-4674'	4 JSPPF	48 holes
5-16-09	4651-4656'	4 JSPPF	20 holes
5-16-09	4640-4647'	4 JSPPF	28 holes
5-16-09	4634-4638'	4 JSPPF	16 holes
5-16-09	4597-4610'	4 JSPPF	52 holes



NEWFIELD

Federal 13-21-9-16
 811' FSL & 687' FWL
 SW/SW Section 21-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33142; Lease #UTU-74392

Federal 14-21-9-16

Spud Date: 6-22-07
 Put on Production: 7-27-07
 GL: 6052' KB: 6064'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jnts (311.59')
 DEPTH LANDED: 323.44' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

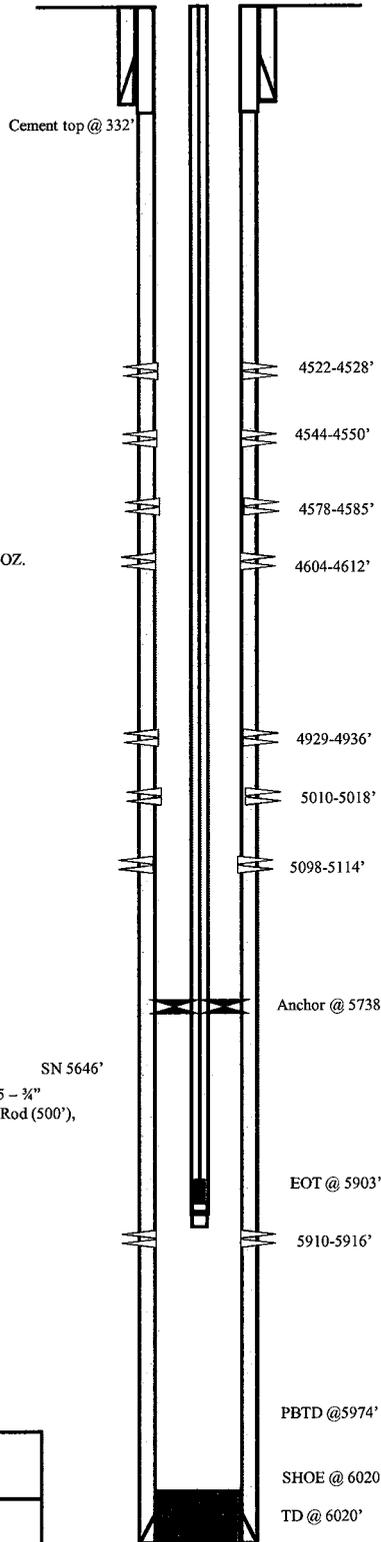
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 138 jnts (6006.31')
 DEPTH LANDED: 6019.56' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TO SURFACE: 332'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 184 jnts (5726.1')
 TUBING ANCHOR: 5738.1' KB
 NO. OF JOINTS: 1 jnt (31.1')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5771.9' KB
 NO. OF JOINTS: 1 jnt (31.5')
 NO. OF JOINTS: 3 jnts (92.9')
 TOTAL STRING LENGTH: EOT @ 5903' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM SN 5646'
 SUCKER RODS: 1 - 3/4" x 2' Pony Rod, 1 - 3/4" x 8' Pony Rod, 105 - 3/4" Guided Rod (2625'), 99 - 3/4" Sucker Rod (2475'), 20 - 3/4" Guided Rod (500'), 6 - 1 1/2" Sinker Bar (150').
 PUMP SIZE: 2-1/2" x 1-1/4" x 9' x 18' x 22' VSP
 STROKE LENGTH: 120"
 PUMP SPEED, 4.5 SPM



FRAC JOB

Date	Depth (KB)	Details
7-23-07	5910-5916'	Frac BSC sands as follows: 15064# 20/40 sand in 286 bbls Lightning 17 frac fluid. Treated @ avg press of 1992 psi w/avg rate of 24.7 BPM. ISIP 2266 psi. Calc flush: 5908 gal. Actual flush: 5334 gal.
7-23-07	5098-5114'	Frac LODC sands as follows: 109920# 20/40 sand in 810 bbls Lightning 17 frac fluid. Treated @ avg press of 2714 psi w/avg rate of 24.9 BPM. ISIP 3464 psi. Calc flush: 5096 gal. Actual flush: 4591 gal.
7-23-07	5010-5018'	Frac LODC sands as follows: 15148# 20/40 sand in 263 bbls Lightning 17 frac fluid. Treated @ avg press of 3213 psi w/avg rate of 24.9 BPM. ISIP 3464 psi. Calc flush: 5008 gal. Actual flush: 4494 gal.
7-24-07	4522-4604'	Frac D1, D1, D2, D3 sands as follows: 122380# 20/40 sand in 848 bbls Lightning 17 frac fluid. Treated @ avg press of 1681 psi w/avg rate of 24.9 BPM. ISIP 1905 psi. Calc flush: 4520 gal. Actual flush: 4410 gal.
04/04/08 2/27/12		Pump Change. Rod & Tubing detail updated Parted Rods. Updated rod & tubing detail.

PERFORATION RECORD

Date	Depth (KB)	Tool	Holes
7-13-07	5910-5916'	4 JSPF	24 holes
7-23-07	5098-5114'	4 JSPF	64 holes
7-23-07	5010-5018'	4 JSPF	32 holes
7-23-07	4929-4936'	4 JSPF	28 holes
7-24-07	5604-5612'	4 JSPF	32 holes
7-24-07	4578-4585'	4 JSPF	28 holes
7-24-07	4544-4550'	4 JSPF	24 holes
7-24-07	4522-4528'	4 JSPF	24 holes

NEWFIELD

Federal 14-21-9-16

797' FSL & 1993' FWL
 SE/SW Section 21-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33141; Lease #UTU-74392

Federal 15-21-9-16

Spud Date: 5-16-07
 Put on Production: 7-13-07
 GL: 6043' KB: 6055'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (309.22')
 DEPTH LANDED: 319.22'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, circ. 5 bbls to surf.

PRODUCTION CASING

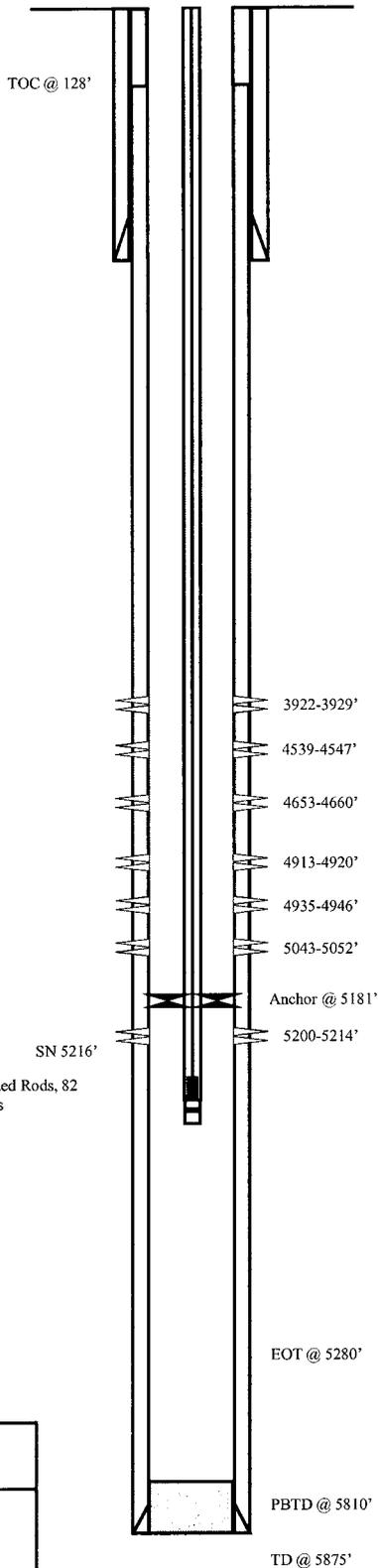
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 133 jts, (5858.44)
 DEPTH LANDED: 5855.44'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Premlite II & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 128' per CBL 7/2/07

TUBING (KS 10/21/10)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 164 jts (5169.2')
 TUBING ANCHOR: 5181.2'
 NO. OF JOINTS: 1 jts (31.6')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5215.6'
 NO. OF JOINTS: 2 jts (63.3')
 NOTCHED COLLAR: 2-7/8" (0.5')
 TOTAL STRING LENGTH: EOT @ 5280'

SUCKER RODS (KS 10/21/10)

POLISHED ROD: 1-1/2" x 26' SM
 SUCKER RODS: 2', 4', 6', 8' x 3/4" Pony Rods, 99 x 3/4" 4per Guided Rods, 82 x 3/4" Sucker Rods, 20 x 3/4" 4per Guided Rods, 6 x 1-1/2" Sinker Bars
 PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 4
 PUMPING UNIT: NATIONAL C-160-173-74



FRAC JOB

07-05-07	5200-5214'	Frac LODC sands as follows: 49991# 20/40 sand in 493 bbls Lightning 17 frac fluid. Treated @ avg press of 2442 psi w/avg rate of 24.5 BPM. ISIP 2660 psi. Calc flush: 5198 gal. Actual flush: 4796 gal.
07-06-07	5043-5052'	Frac LODC sands as follows: 44714# 20/40 sand in 452 bbls Lightning 17 frac fluid. Treated @ avg press of 2384 psi w/avg rate of 24.3 BPM. ISIP 2743 psi. Calc flush: 5041 gal. Actual flush: 4578 gal.
07-06-07	4913-4946'	Frac A3 sands as follows: 80345# 20/40 sand in 626 bbls Lightning 17 frac fluid. Treated @ avg press of 1776 psi w/avg rate of 24.6 BPM. ISIP 2172 psi. Calc flush: 4911 gal. Actual flush: 4406 gal.
07-06-07	4653-4660'	Frac C sand as follows: 14684# 20/40 sand in 262 bbls Lightning 17 frac fluid. Treated @ avg press of 1891 w/ avg rate of 24.5 BPM. ISIP 1694 psi. Calc flush: 4651 gal. Actual flush: 4187 gal.
07-06-07	4539-4547'	Frac D1 sand as follows: 35061# 20/40 sand in 409 bbls Lightning 17 frac fluid. Treated @ avg press of 1813 w/ avg rate of 24.6 BPM. ISIP 1813 psi. Calc flush: 4537 gal. Actual flush: 3990 gal.
07-07-07	3922-3929'	Frac GB2 sand as follows: 20191# 20/40 sand in 288 bbls Lightning 17 frac fluid. Treated @ avg press of 1587 w/ avg rate of 24.7 BPM. ISIP 1651 psi. Calc flush: 3920 gal. Actual flush: 3864 gal.
11/11/08		Pump Change. Updated rod & tubing details.
1/15/2010		Pump Change. Updated rod and tubing detail.
4/24/2010		Pump change. Updated rod and tubing detail.
10/26/10		Pump Change. Rod & Tubing detail updated.

PERFORATION RECORD

06-15-07	5200-5214'	4 JSPF	56 holes
06-22-07	5043-5052'	4 JSPF	36 holes
06-22-07	4935-4946'	4 JSPF	44 holes
06-22-07	4913-4920'	4 JSPF	28 holes
06-22-07	4653-4660'	4 JSPF	28 holes
06-22-07	4539-4547'	4 JSPF	32 holes
06-22-07	3922-3929'	4 JSPF	28 holes

NEWFIELD

Federal 15-21-9-16

559' FSL & 1954' FEL

SW/SE Section 21-T9S-R16E

Duchesne Co, Utah

API # 43-013-33164; Lease # UTU-74392

FEDERAL 16-21-9-16

Spud Date: 05/07/07
 Put on Production: 07/05/07
 GL: 6027' KB: 6039'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (311.91')
 DEPTH LANDED: 323.76' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, 3.5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 135 jts. (5887.06')
 DEPTH LANDED: 5900.31' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 328 sxs Prem. Lite II mixed & 402 sxs 50/50 POZ.
 CEMENT TOP: 244'

TUBING

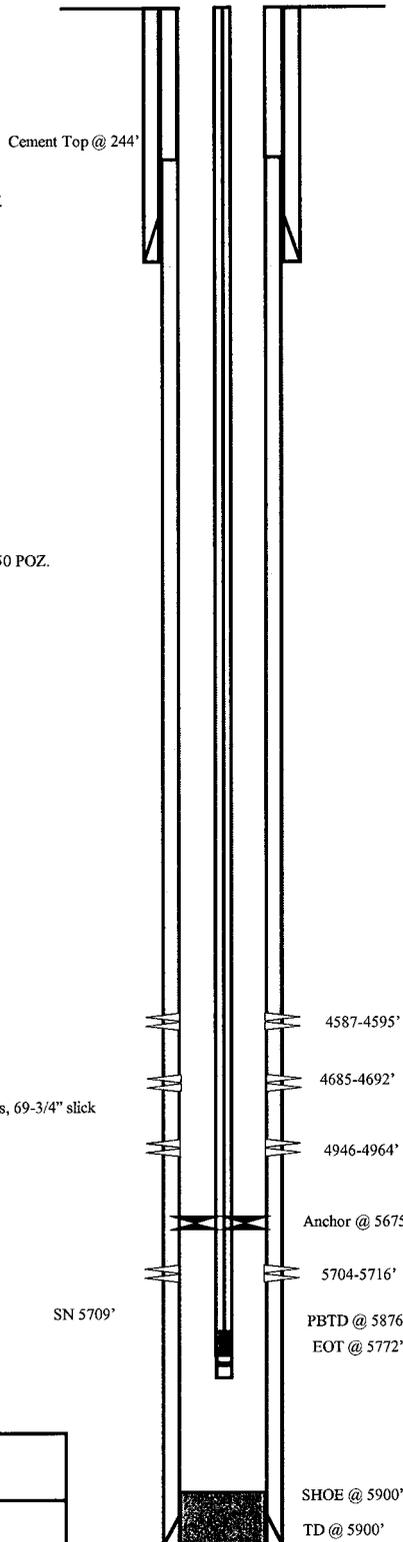
SIZE/GRADE/WT.: 2-7/8" / J-55 /
 NO. OF JOINTS: 180 jts (5663.1')
 TUBING ANCHOR: 5675.1'
 NO. OF JOINTS: 1 jts (31.5')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5709.3'
 NO. OF JOINTS: 2 jts (61.1')
 TOTAL STRING LENGTH: EOT @ 5772'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' polished rod
 SUCKER RODS: 1" x 3/4" pony rods, 100-3/4" scraped rods, 69-3/4" slick rods, 53-3/4" scraped rods, 6-1 1/2" weight rods.
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12 x 16" RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, 5 SPM:

FRAC JOB

06/28/07	5704-5716'	Frac CP5 sands as follows: 55584# 20/40 sand in 485 bbls Lightning 17 frac fluid. Treated @ avg press of 2306 psi w/avg rate of 24.5 BPM. ISIP 2630 psi. Calc flush 5702 gal. Actual flush: 5162 gal.
06/29/07	4946-4964'	Frac A1 sands as follows: 140302# 20/40 sand in 956 bbls Lightning 17 frac fluid. Treated @ avg press of 1929 psi w/avg rate of 24.8 BPM. ISIP 2095 psi. Calc flush: 4944 gal. Actual flush: 4439 gal.
06/29/07	4685-4692'	Frac C sands as follows: 24299# 20/40 sand in 323 bbls Lightning 17 frac fluid. Treated @ avg press of 1973 psi w/avg rate of 24.6 BPM. ISIP 1950 psi. Calc flush: 4683 gal. Actual flush: 4225 gal.
06/29/07	4587-4595'	Frac D2 sands as follows: 72627# 20/40 sand in 606 bbls Lightning 17 frac fluid. Treated @ avg press of 1400 psi w/avg rate of 24.7 BPM. ISIP 1838 psi. Calc flush: 4585 gal. Actual flush: 4536 gal
10/16/07		Stuck Pump. Updated rod & tubign details.
05/27/08		Major Workover. Rod & Tubing updated.
05/27/08	4587-4595'	Acidize D2 sands: Pump 250 gals techni-hib 767, W/ 200 gals acid, ISIP @ 1339 psi.
05/27/08	4685-4692'	Acidize C sands: Pump 250 gals techni-hib 767, W/ 200 gals acid, ISIP @ 1343 psi.
05/27/08	4946-4964'	Acidize A1 sands: Pump 500 gals techni-hib 767, W/ 400 gals acid, ISIP @ 1179 psi
05/27/08	5704-5716'	Acidize CP5 sands: Pump 375 gals techni-hib 767, W/ 300 gals acid, ISIP @ 2066 psi
4/23/09		Tubing Leak. Updated r & t details.
8/25/2010		Tubing Leak. Update rod and tubing details.



PERFORATION RECORD

06/28/07	5704-5716'	4 JSPF	48 holes
06/29/07	4946-4964'	4 JSPF	72 holes
06/29/07	4685-4692'	4 JSPF	28 holes
06/29/07	4587-4595'	4 JSPF	32 holes

NEWFIELD

FEDERAL 16-21-9-16

606'FSL & 831' FEL

SE/SE Section 21-T9S-R16E

Duchesne Co, Utah

API #43-013-33165; Lease # UTU-74392

Federal 2-28-9-16

Spud Date: 6/21/2009
 Put on Production: 7/17/2009
 GL: 6029' KB: 6041'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (273.63')
 DEPTH LANDED: 323.53' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx class 'G' cmt

PRODUCTION CASING

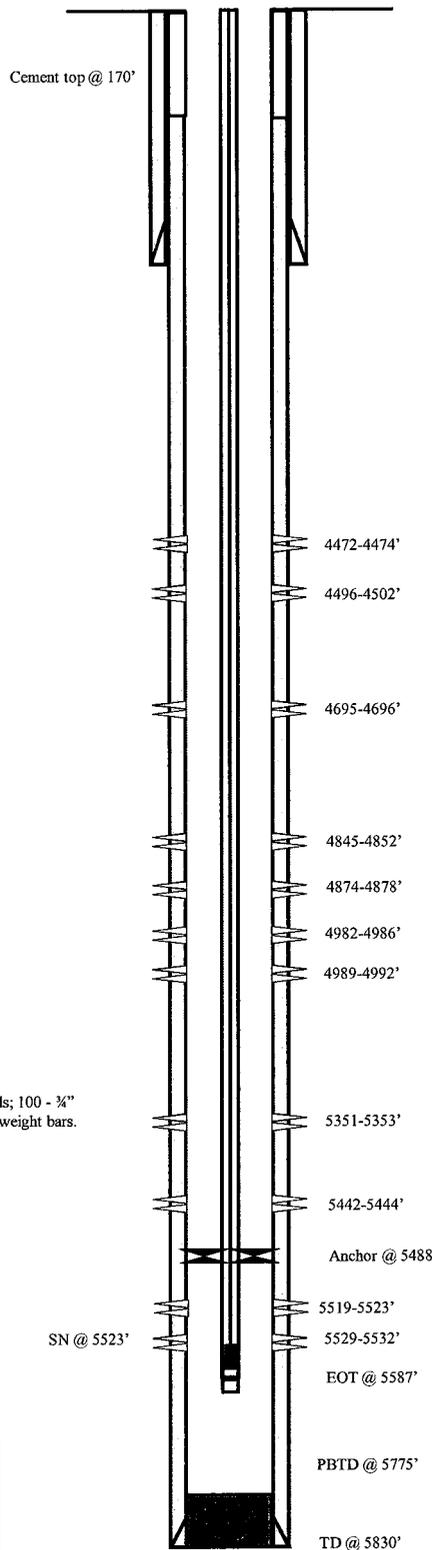
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 133 jts (5763.32')
 DEPTH LANDED: 5817.48'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 275 sx Prem Lite II and 400 sx 50/50 poz
 CEMENT TOP AT: 170'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 174 jts (5476.2')
 TUBING ANCHOR: 5488' KB
 NO. OF JOINTS: 1 jt (31.5')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5522.5' KB
 NO. OF JOINTS: 2 jts (63.1')
 TOTAL STRING LENGTH: EOT @ 5587'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26'
 SUCKER RODS: 1 - 4' x 3/8", 1 - 6' x 3/8", 1 - 8' x 3/8" pony rods; 100 - 3/4" guided rods; 94 - 3/4" sucker rods; 20 - 3/4" guided rods; 6 - 1 1/2" weight bars.
 PUMP SIZE: 2 1/2" x 1 1/2" x 20' RHAC
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 5



FRAC JOB

7-20-09 5351-5532' Frac CP1,CP3 & CP4 sands as follows:
 Frac with 26,410# 20/40 sand in 211 bbls of Lightning 17 fluid.

7-20-09 4982-4992' Frac LODC sands as follows:
 Frac with 19,985# 20/40 sand in 178 bbls of Lightning 17 fluid.

7-20-09 4695-4878' Frac A3 & B1 sands as follows:
 Frac with 131605# 20/40 sand in 473 bbls of Lightning 17 fluid.

7-20-09 4472-4502' Frac D1 sands as follows:
 Frac with 22644# 20/40 sand in 180 bbls of Lightning 17 fluid.

PERFORATION RECORD

5529-5532'	3 JSPF	9 holes
5519-5523'	3 JSPF	12 holes
5442-5444'	3 JSPF	6 holes
5351-5353'	3 JSPF	6 holes
4989-4992'	3 JSPF	9 holes
4982-4986'	3 JSPF	12 holes
4874-4878'	3 JSPF	12 holes
4845-4852'	3 JSPF	21 holes
4695-4696'	3 JSPF	3 holes
4496-4502'	3 JSPF	18 holes
4472-4474'	3 JSPF	6 holes

NEWFIELD



Federal 2-28-9-16

716' FNL & 2019' FEL NW/NE

Section 28-T9S-R16E

Duchesne Co, Utah

API # 43-013-33409; Lease # UTU-74390

Federal 3-28-9-16

Spud Date: 6/22/2009
 Put on Production: 7/28/2009
 GL: 6097' KB: 6109'

Wellbore Diagram

SURFACE CASING

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

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 149 jts (5821')
 DEPTH LANDED: 5836'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 296 sx Prem. Lite mixed and 450 sx 50/50 poz,
 CEMENT TOP AT: 104'

TUBING

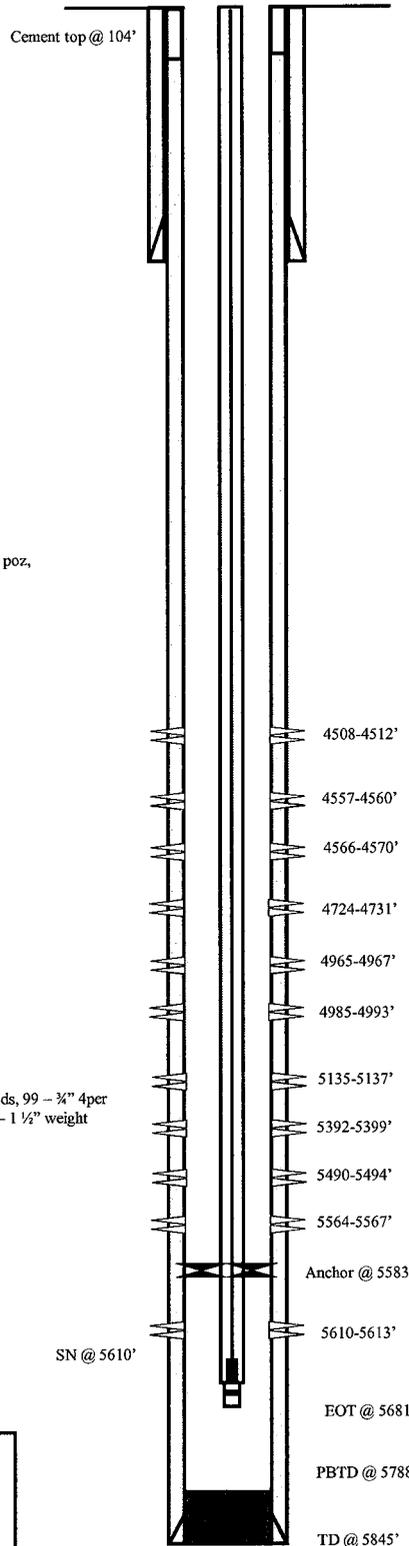
SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 177 jts (5570.5')
 TUBING ANCHOR: 5582.5' KB
 NO. OF JOINTS: 1 jt (31.3')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5616.6' KB
 NO. OF JOINTS: 2 jts (63.3')
 TOTAL STRING LENGTH: EOT @ 5681'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 1 - 2' x 3/8", 1 - 4' x 3/8", 1 - 6' x 3/8" pony rods, 99 - 3/8" 4per guided rods, 95 - 3/8" sucker rods, 23 - 3/8" 4per guided rods, 6 - 1 1/2" weight bar
 PUMP SIZE: 2-1/2" x 1-1/4" x 18' x 14' x 18'
 STROKE LENGTH: 86
 PUMP SPEED - SPM: 4.5

FRAC JOB

7/28/2009 5490-5613' Frac CP4, CP 3, & CP5 sands as follows: Frac with 30,556#s of 20/40 sand in 182 bbls of Lightning 17 frac fluid.
 7/28/2009 4965-5399' Frac LODC & CP1 sands as follows: Frac with 30,596#s of 20/40 sand in 159 bbls of Lightning 17 frac fluid.
 7/28/2009 4724-4731' Frac B1 sands as follows: Frac with 14782#s of 20/40 sand in 86 bbls of Lightning 17 frac fluid.
 7/28/2009 4508-4570' Frac D1 & D2 sands as follows: Frac with 100042#s of 20/40 sand in 430 bbls of Lightning 17 frac fluid.
 3/12/12 Tubing leak: Updated rod & tubing detail



PERFORATION RECORD

5610-5613'	3 JSPF	9 holes
5564-5567'	3 JSPF	9 holes
5490-5494'	3 JSPF	12 holes
5392-5399'	3 JSPF	21 holes
5135-5137'	3 JSPF	6 holes
4985-4993'	3 JSPF	24 holes
4965-4967'	3 JSPF	6 holes
4724-4731'	3 JSPF	21 holes
4566-4570'	3 JSPF	12 holes
4557-4560'	3 JSPF	9 holes
4508-4512'	3 JSPF	12 holes

NEWFIELD

Federal 3-28-9-16
 651' FNL & 1801' FWL
 NE/NW Section 28-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33408; Lease # UTU-74392

Federal 4-28-9-16

Spud Date: 6/24/2009
 Put on Production: 8/7/2009
 GL: 6157' KB: 6169'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (267.77')
 DEPTH LANDED: 316.80' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx class 'G' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 150 jts (5833.3')
 DEPTH LANDED: 5885.91'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 275 sx Prem Lite and 400 sx 50/50 Poz
 CEMENT TOP AT: 160'

TUBING

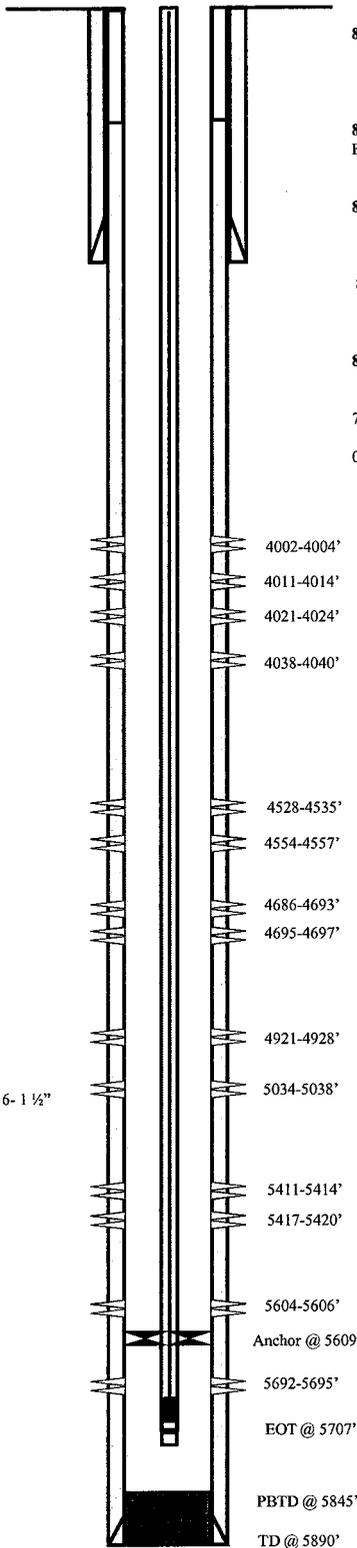
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 178 jts (5597')
 TUBING ANCHOR: 5609' KB
 NO. OF JOINTS: 1 jt (31.4')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5643' KB
 NO. OF JOINTS: 2 jts (63.1')
 TOTAL STRING LENGTH: EOT @ 5707'

SUCKER RODS

POLISHED ROD: 1 1/2" x 30'
 SUCKER RODS: 1- 6', 4' x 3/4" pony rod, 219-3/4" guided rods (4 per), 6- 1 1/2" sinker bars
 PUMP SIZE: 2 1/2" x 1 1/2" x 16' x 20' RHAC
 STROKE LENGTH: 122"
 PUMP SPEED, SPM: 4.5

FRAC JOB

8-7-09 5411-5695' **Frac CP1, CP4, & CP5 sands as follows:** Frac with 20,0331#s of 20/40 sand in 120 bbls of Lightning 17 frac fluid.
 8-7-09 4921-5038' **Frac LODC & A1 sands as follows:** Frac with 55,558#s of 20/40 sand in 240 bbls of Lightning 17 frac fluid.
 8-7-09 4686-4697' **Frac C sands as follows:** Frac with 75,264#s of 20/40 sand in 317 bbls of Lightning 17 frac fluid.
 8-7-09 4528-4557' **Frac D1 sands as follows:** Frac with 50,682#s of 20/40 sand in 215 bbls of Lightning 17 frac fluid.
 8-7-09 4002-4040' **Frac GB4 sands as follows:** Frac with 86,985#s of 20/40 sand in 379 bbls of Lightning 17 frac fluid.
 7/16/2010 Parted rods. Updated rod and tubing detail.
 03/12/11 Pump Change Rod & tubing updated.



PERFORATION RECORD

5692-5695'	3 JSPF	9 holes
5604-5606'	3 JSPF	6 holes
5417-5420'	3 JSPF	9 holes
5411-5414'	3 JSPF	9 holes
5034-5038'	3 JSPF	12 holes
4921-4928'	3 JSPF	21 holes
4695-4697'	3 JSPF	6 holes
4686-4693'	3 JSPF	21 holes
4554-4557'	3 JSPF	9 holes
4528-4535'	3 JSPF	21 holes
4038-4040'	3 JSPF	6 holes
4021-4024'	3 JSPF	9 holes
4011-4014'	3 JSPF	9 holes
4002-4004'	3 JSPF	6 holes

NEWFIELD



Federal 4-28-9-16

560' FNL & 494' FWL NW/NW

Section 28-T9S-R16E

Duchesne Co, Utah

API # 43-013-33407; Lease # UTU-74392

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**

Sales Rep: **Michael McBride**

Well Name: **SWDIF**

Lab Tech: **Gary Peterson**

Sample Point: **After Filter**

Sample Date: **12/4/2012**

Sample ID: **WA-229142**

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

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations		Anions	
		mg/L		mg/L	
Test Date:	12/5/2012	Sodium (Na):	734.93	Chloride (Cl):	1000.00
System Temperature 1 (°F):	120.00	Potassium (K):	11.00	Sulfate (SO4):	120.00
System Pressure 1 (psig):	60.0000	Magnesium (Mg):	26.00	Bicarbonate (HCO3):	366.00
System Temperature 2 (°F):	210.00	Calcium (Ca):	46.20	Carbonate (CO3):	
System Pressure 2 (psig):	60.0000	Strontium (Sr):		Acetic Acid (CH3COO)	
Calculated Density (g/ml):	0.999	Barium (Ba):	0.17	Propionic Acid (C2H5COO)	
pH:	6.80	Iron (Fe):	0.13	Butanoic Acid (C3H7COO)	
Calculated TDS (mg/L):	2304.49	Zinc (Zn):	0.02	Isobutyric Acid ((CH3)2CHCOO)	
CO2 in Gas (%):		Lead (Pb):	0.00	Fluoride (F):	
Dissolved CO2 (mg/L):	15.00	Ammonia NH3:		Bromine (Br):	
H2S in Gas (%):		Manganese (Mn):	0.04	Silica (SiO2):	
H2S in Water (mg/L):	2.50				

Notes:

9:30

(PTB = Pounds per Thousand Barrels)

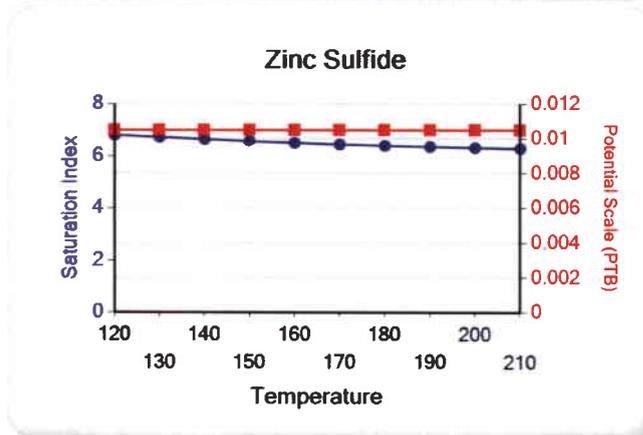
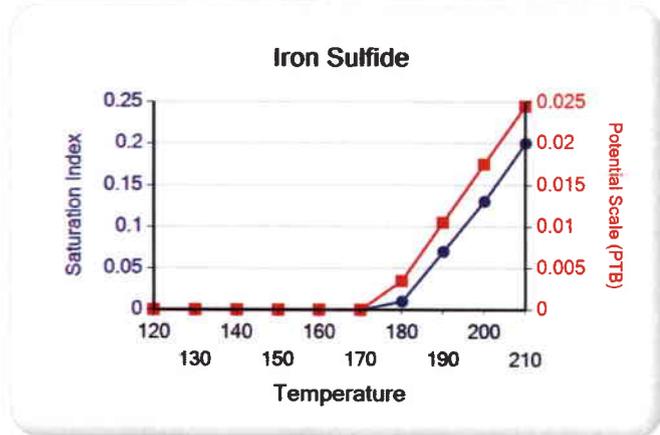
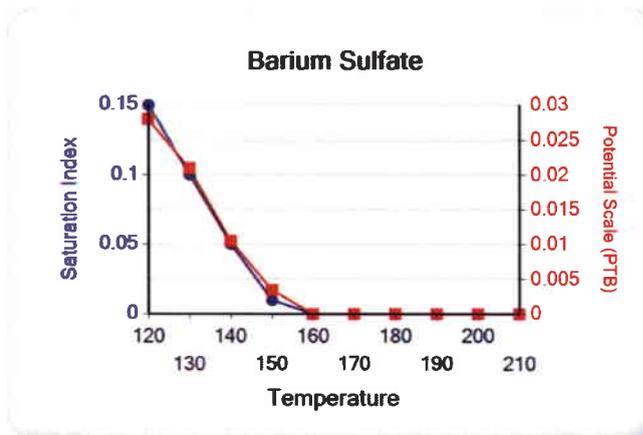
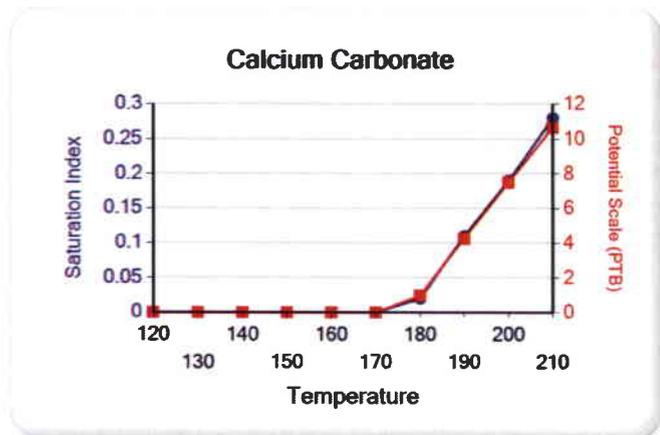
Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4 2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide		
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	
210.00	60.00	0.28	10.64	0.00	0.00	0.20	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.28	0.01
200.00	60.00	0.19	7.48	0.00	0.00	0.13	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.31	0.01
190.00	60.00	0.11	4.25	0.00	0.00	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.35	0.01
180.00	60.00	0.02	0.97	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.39	0.01
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	0.00	6.44	0.01
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	0.00	6.50	0.01
150.00	60.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.56	0.01
140.00	60.00	0.00	0.00	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.64	0.01
130.00	60.00	0.00	0.00	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.72	0.01
120.00	60.00	0.00	0.00	0.15	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.80	0.01

Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO4·0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0.00	0.00
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	0.00	0.00
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	0.00	0.00
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	0.00	0.00
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	0.00	0.00
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	0.00	0.00
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	0.00	0.00
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	0.00	0.00
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	0.00	0.00

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

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



Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
Well Name: **FEDERAL 11-21-9-16**
Sample Point: **Separator**
Sample Date: **1/24/2013**
Sample ID: **WA-232638**

Sales Rep: **Michael McBride**
Lab Tech: **Layne Wilkerson**

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

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	2/1/2013	<i>Cations</i>		<i>Anions</i>	
System Temperature 1 (°F):	120.00		mg/L		mg/L
System Pressure 1 (psig):	60.0000	Sodium (Na):	6698.44	Chloride (Cl):	10000.00
System Temperature 2 (°F):	210.00	Potassium (K):	49.00	Sulfate (SO ₄):	0.00
System Pressure 2 (psig):	60.0000	Magnesium (Mg):	4.30	Bicarbonate (HCO ₃):	756.40
Calculated Density (g/ml):	1.009	Calcium (Ca):	15.00	Carbonate (CO ₃):	
pH:	8.90	Strontium (Sr):		Acetic Acid (CH ₃ COO)	
Calculated TDS (mg/L):	17545.74	Barium (Ba):	3.30	Propionic Acid (C ₂ H ₅ COO)	
CO ₂ in Gas (%):		Iron (Fe):	19.00	Butanoic Acid (C ₃ H ₇ COO)	
Dissolved CO ₂ (mg/L):	47.52	Zinc (Zn):	0.10	Isobutyric Acid ((CH ₃) ₂ CHCOO)	
H ₂ S in Gas (%):		Lead (Pb):	0.00	Fluoride (F):	
H ₂ S in Water (mg/L):	25.00	Ammonia NH ₃ :		Bromine (Br):	
		Manganese (Mn):	0.20	Silica (SiO ₂):	

Notes:

(PTB = Pounds per Thousand Barrels)

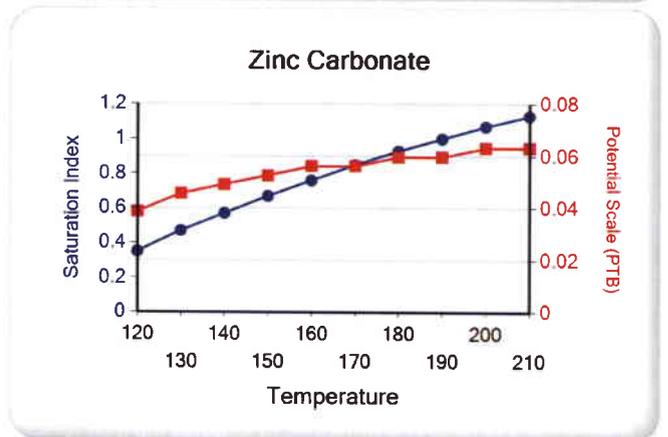
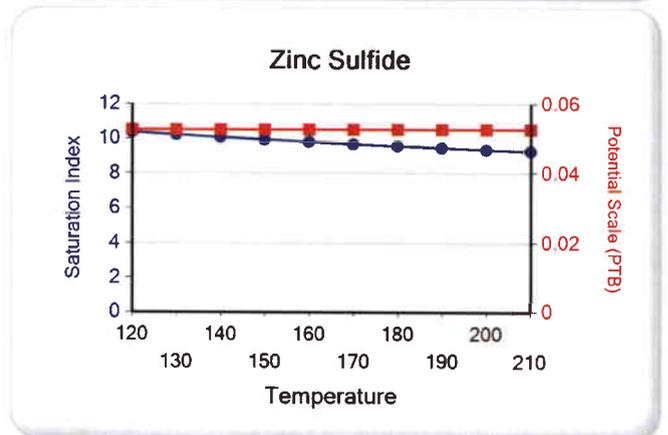
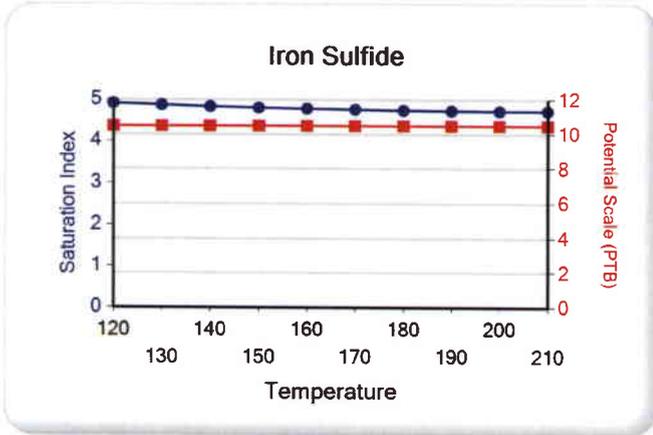
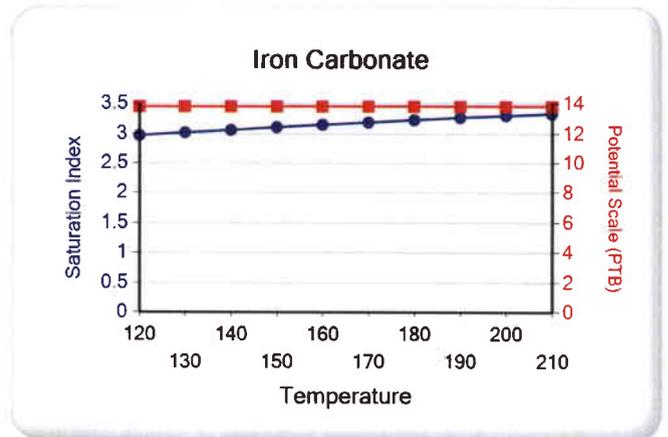
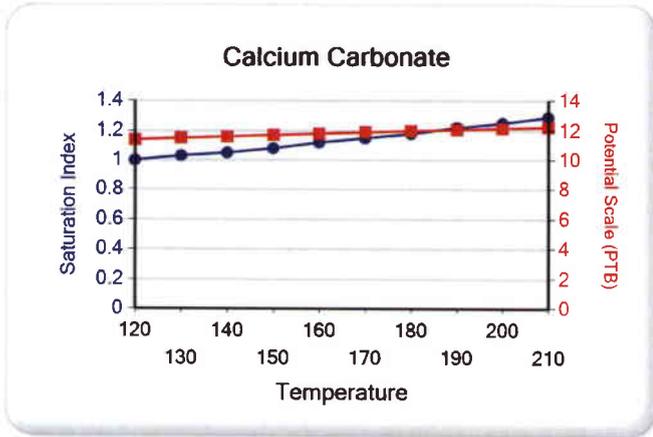
Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ ·2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	1.29	12.22	0.00	0.00	4.73	10.48	3.33	13.81	0.00	0.00	0.00	0.00	0.00	0.00	9.26	0.05
200.00	60.00	1.25	12.14	0.00	0.00	4.73	10.48	3.30	13.81	0.00	0.00	0.00	0.00	0.00	0.00	9.36	0.05
190.00	60.00	1.22	12.06	0.00	0.00	4.74	10.48	3.27	13.81	0.00	0.00	0.00	0.00	0.00	0.00	9.47	0.05
180.00	60.00	1.18	11.98	0.00	0.00	4.75	10.48	3.23	13.81	0.00	0.00	0.00	0.00	0.00	0.00	9.58	0.05
170.00	60.00	1.15	11.89	0.00	0.00	4.77	10.48	3.19	13.81	0.00	0.00	0.00	0.00	0.00	0.00	9.69	0.05
160.00	60.00	1.12	11.79	0.00	0.00	4.79	10.48	3.15	13.80	0.00	0.00	0.00	0.00	0.00	0.00	9.82	0.05
150.00	60.00	1.08	11.69	0.00	0.00	4.81	10.48	3.11	13.80	0.00	0.00	0.00	0.00	0.00	0.00	9.95	0.05
140.00	60.00	1.05	11.59	0.00	0.00	4.84	10.48	3.06	13.80	0.00	0.00	0.00	0.00	0.00	0.00	10.08	0.05
130.00	60.00	1.03	11.49	0.00	0.00	4.88	10.48	3.02	13.80	0.00	0.00	0.00	0.00	0.00	0.00	10.23	0.05
120.00	60.00	1.00	11.39	0.00	0.00	4.92	10.48	2.97	13.80	0.00	0.00	0.00	0.00	0.00	0.00	10.38	0.05

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	1.13	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.07	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.93	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.85	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Water Analysis Report

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

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



Attachment "G"

**Federal #11-21-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5428	5450	5439	2100	0.82	2065
5043	5051	5047	2492	0.93	2459
4940	4956	4948	2368	0.91	2336
4808	4815	4812	1720	0.79	1689
4685	4709	4697	1717	0.80	1687 ←
4583	4600	4592	1750	0.81	1720
				Minimum	<u><u>1687</u></u>

Calculation of Maximum Surface Injection Pressure

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

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

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



1 of 10

DAILY COMPLETION REPORT

WELL NAME: Federal 11-21-9-16 Report Date: 7-25-07 Day: 01
Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 321' Prod Csg: 5-1/2" @ 6031' Csg PBTD: 5900'WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone CP1 sds, Perfs 5428-5450', SPF/#shots 4/22

CHRONOLOGICAL OPERATIONS

Date Work Performed: 24-Jul-07 SITP: SICP: 0

Instal 5K 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 @ 5900' & cement top @ 223'. Perforate stage #1, CP1 sds @ 5428-50' w/ 3-1/8" Slick Guns (19 gram, .49"HE. 120) w/ 4 spf for total of 60 shots. 142 bbls EWTR. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 142 Starting oil rec to date:
Fluid lost/recovered today: 0 Oil lost/recovered today:
Ending fluid to be recovered: 142 Cum oil recovered:
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

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

COSTS

Weatherford BOP
NPC NU crew
Liddell trucking
Perforators LLC
Drilling cost
Zubiate Hot Oil
Location preparation
NPC wellhead
Benco - anchors
Admin. Overhead
NPC Supervisor

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

Completion Supervisor: Ron Shuck

DAILY COST: \$0
TOTAL WELL COST:



DAILY COMPLETION REPORT

WELL NAME: Federal 11-21-9-16 **Report Date:** 8/2/2007 **Day:** 2b
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 321' **Prod Csg:** 5-1/2" @ 6031' **Csg PBDT:** 5900'WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBDT:** _____
CBP @ 5150'

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
			<u>CP1 sds</u>	<u>5428-5450'</u>	<u>4/22</u>
<u>LODC sds</u>	<u>5043-5051'</u>	<u>4/32</u>			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 8/1/2007 **SITP:** _____ **SICP:** 1730

Day 2b. Stage #2, C sds

RU Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 8' per gun. Set plug @ 5150'. Perforate C sds @ 5043-51' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120 , 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 32 shots. RU BJ Services. 1730 psi on well. Frac LODC sds w/ 24,293#'s o 20/40 sand in 345 bbls of Lightning 17 fluid. Broke @ 3238 psi. Treated w/ ave pressure of 2280 psi @ ave rate o 24.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2492 psi. Leave pressure on well. 345 BWTR See Day 2c.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 900 **Starting oil rec to date:** _____
Fluid lost/recovered today: 345 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1245 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services
Procedure or Equipment detail: C sands
1218 gals to Techni-Hib & crosslink
2500 gals of pad
1915 gals W/ 1-4 ppg of 20/40 sand
3829 gals W/ 4-6.5 ppg of 20/40 sand
Flush W/ 504 gals of 15% HCL acid
Flush W/ 4524 gals of slick water

COSTS

BJ Services C
CD wtr & trucking
NPC fuel gas
Weatherford tools
The Perforators, llc
NPC Supervision

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

Max TP: 2380 **Max Rate:** 26.2 BPM **Total fluid pmpd:** 345 bbls
Avg TP: 2280 **Avg Rate:** 24.9 BPM **Total Prop pmpd:** 24,293#'s
ISIP: 2492 **5 min:** _____ **10 min:** _____ **FG:** .93

Completion Supervisor: Don Dulen

DAILY COST: _____ **\$0**
TOTAL WELL COST: _____ **\$0**



40f10

DAILY COMPLETION REPORT

WELL NAME: Federal 11-21-9-16 **Report Date:** 8/2/2007 **Day:** 2c
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 321' **Prod Csg:** 5-1/2" @ 6031' **Csg PBTD:** 5900'WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** _____
CBP @ 5010', 5150'

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u> <u>CP1 sds</u>	<u>Perfs</u> <u>5428-5450'</u>	<u>SPF/#shots</u> <u>4/22</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
A3 sds	4940-4956'	4/64	_____	_____	_____
LODC sds	5043-5051'	4/32	_____	_____	_____

CHRONOLOGICAL OPERATIONS

Date Work Performed: 8/1/2007 **SITP:** _____ **SICP:** 1620

Day 2c. Stage #3, A3 sds
 RU Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 16' per gun. Set plug @ 5010'. Perforate A3 sds @ 4940-56' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120 , 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 64 shots. RU BJ Services. 1860 psi on well. Perfs would not break. RU Perforators & dump bail acid on perfs. RU BJ Services. 1620 psi on well. Frac A3 sds w/ 70,072#'s of 20/40 sand ir 595 bbls of Lightning 17 fluid. Broke @ 3875 psi. Treated w/ ave pressure of 2180 psi @ ave rate of 24.9 BPM Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2368 psi. Leave pressure on well. 595 BWTR. See Day 2d.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1245 **Starting oil rec to date:** _____
Fluid lost/recovered today: 595 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1840 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

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

Procedure or Equipment detail: A3 sands
2268 gals to Techni-Hib & crosslink
5400 gals of pad
3625 gals W/ 1-5 ppg of 20/40 sand
7250 gals W/ 5-8 ppg of 20/40 sand
1512 gal W/ 8 ppg of 20/40 sand
Flush W/ 504 gals of 15% HCL acid
Flush W/ 4431 gals of slick water

COSTS

BJ Services A3
CD wtr & trucking
NPC fuel gas
Weatherford tools
The Perforators, llc
NPC Supervision

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

Max TP: 2450 **Max Rate:** 25.0 BPM **Total fluid pmpd:** 595 bbls
Avg TP: 2180 **Avg Rate:** 24.9 BPM **Total Prop pmpd:** 70,072#'s
ISIP: 2368 **5 min:** _____ **10 min:** _____ **FG:** .91

Completion Supervisor: Don Dulen

DAILY COST: _____ **\$0**
TOTAL WELL COST: _____ **\$0**



DAILY COMPLETION REPORT

WELL NAME: Federal 11-21-9-16 **Report Date:** 8/2/2007 **Day:** 2d
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 321' **Prod Csg:** 5-1/2" @ 6031' **Csg PBD:** 5900'WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **CBP @**
CBP @ 4900', 5010', 5150'

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
			<u>CP1 sds</u>	<u>5428-5450'</u>	<u>4/22</u>
<u>B2 sds</u>	<u>4808-4815'</u>	<u>4/28</u>			
<u>A3 sds</u>	<u>4940-4956'</u>	<u>4/64</u>			
<u>LODC sds</u>	<u>5043-5051'</u>	<u>4/32</u>			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 8/1/2007 **SITP:** _____ **SICP:** 1900

Day 2d. Stage #4, B2 sds
 RU Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 7' per gun. Set plug @ 4900'. Perforate B2 sds @ 4808-15' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120 , 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 28 shots. RU BJ Services. 1900 psi on well. Frac B2 sds w/ 14,168#'s of 20/40 sand in 280 bbls of Lightning 17 fluid. Broke @ 3226 psi. Treated w/ ave pressure of 2415 psi @ ave rate of 25 BPM Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 1720 psi. Leave pressure on well. 280 BWTR. See Day 2e.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1840 **Starting oil rec to date:** _____
Fluid lost/recovered today: 280 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 2120 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

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

Procedure or Equipment detail: B2 sands
1680 gals to Techni-Hib & crosslink
1500 gals of pad
1149 gals W/ 1-4 ppg of 20/40 sand
2626 gals W/ 4-6.5 ppg of 20/40 sand
Flush W/ 504 gals of 15% HCL acid
Flush W/ 4301 gals of slick water

COSTS

BJ Services B2
CD wtr & trucking
NPC fuel gas
Weatherford tools
The Perforators, llc
NPC Supervision

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

Max TP: 2600 **Max Rate:** 25.3 BPM **Total fluid pmpd:** 280 bbls
Avg TP: 2415 **Avg Rate:** 25.0 BPM **Total Prop pmpd:** 14,168#'s
ISIP: 1720 **5 min:** _____ **10 min:** _____ **FG:** .79

Completion Supervisor: Don Dulen

DAILY COST: _____ **\$0**
TOTAL WELL COST: _____ **\$0**



DAILY COMPLETION REPORT

WELL NAME: Federal 11-21-9-16 **Report Date:** 8/2/2007 **Day:** 2e
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 321' **Prod Csg:** 5-1/2" @ 6031' **Csg PBD:** 5900'WL
Tbg: Size: _____ Wt: _____ **Grd:** _____ **Pkr/EOT @:** _____ **CBP @ 4770'**
CBP @ 4900', 5010', 5150'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP1 sds	5428-5450'	4/22
C sds	4685-4691'	4/24			
C sds	4703-4709'	4/24			
B2 sds	4808-4815'	4/28			
A3 sds	4940-4956'	4/64			
LODC sds	5043-5051'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 8/1/2007 **SITP:** _____ **SICP:** 1450

Day 2e. Stage #5, C sds
 RU Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 2- 6' per guns. Set plug @ 4770'. Perforate C sds @ 4685-91' & 4703-09' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 48 shots. RU BJ Services. 1450 psi on well. Frac C sds w/ 19,350#'s of 20/40 sand in 304 bbls of Lightning 17 fluid. Broke @ 3281 psi. Treated w/ ave pressure of 1870 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISIP 1717 psi. Leave pressure on well 304 BWTR. See Day 2f.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2120 **Starting oil rec to date:** _____
Fluid lost/recovered today: 304 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 2424 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services
Procedure or Equipment detail: C sands
1386 gals to Techni-Hib & crosslink
2000 gals of pad
1511 gals W/ 1-4 ppg of 20/40 sand
3188 gals W/ 4-6.5 ppg of 20/40 sand
Flush W/ 504 gals of 15% HCL acid
Flush W/ 4179 gals of slick water

COSTS

BJ Services C
CD wtr & trucking
NPC fuel gas
Weatherford tools
The Perforators, llc
NPC Supervision

DAILY COST: _____ **\$0**
TOTAL WELL COST: _____ **\$0**

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

Max TP: 2230 **Max Rate:** 25.2 BPM **Total fluid pmpd:** 304 bbls
Avg TP: 1870 **Avg Rate:** 24.8 BPM **Total Prop pmpd:** 19,350#'s
ISIP: 1717 **5 min:** _____ **10 min:** _____ **FG:** .80
Completion Supervisor: Don Dulen



DAILY COMPLETION REPORT

WELL NAME: Federal 11-21-9-16 Report Date: 8/2/2007 Day: 2f
Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 321' Prod Csg: 5-1/2" @ 6031' Csg PBDT: 5900'WL
Tbg: Size: _____ Wt: _____ Grd: _____ Pkr/EOT @: _____ CBP @ 4660', 4770'
CBP @ 4900', 5010', 5150'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D2 sds	4583-4600'	4/68	CP1 sds	5428-5450'	4/22
C sds	4685-4691'	4/24			
C sds	4703-4709'	4/24			
B2 sds	4808-4815'	4/28			
A3 sds	4940-4956'	4/64			
LODC sds	5043-5051'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 8/1/2007 SITP: _____ SICP: 1280

Day 2f. Stage #6, D2 sds

RU Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 17' per gun. Set plug @ 4660'. Perforate D2 sds @ 4583-4600' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120 , 21.92" pen EXP-3319-331 Titan) w/ 4 spf for total of 68 shots. RU BJ Services. 1280 psi on well. Frac D2 sds w/ 112,592#'s o 20/40 sand in 813 bbls of Lightning 17 fluid. Broke @ 2310 psi. Treated w/ ave pressure of 1600 psi @ ave rate o 24.7 BPM. ISIP 1750 psi. Open well to pit for immediat flowback @ 1 bpm. Well flowed for 6 hrs. & started flowing oil & gas. Recovered 330 bbls water before turning to oil. SWIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2424 Starting oil rec to date: _____
Fluid lost/recovered today: 483 Oil lost/recovered today: _____
Ending fluid to be recovered: 2907 Cum oil recovered: _____
IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac
Company: BJ Services
Procedure or Equipment detail: D2 sands
1428 gals to Techni-Hib & crosslink
8300 gals of pad
5625 gals W/ 1-5 ppg of 20/40 sand
11250 gals W/ 5-8 ppg of 20/40 sand
3049 gals W/ 8 ppg of 20/40 sand
Flush W/ 4494 gals of slick water

COSTS

BJ Services D2
CD wtr & trucking
NPC fuel gas
Weatherford tools
The Perforators, llc
NPC Supervision
NPC flowback hand

Max TP: 1940 Max Rate: 24.9 BPM Total fluid pmpd: 813 bbls
Avg TP: 1600 Avg Rate: 24.7 BPM Total Prop pmpd: 112,592#'s
ISIP: 1750 5 min: _____ 10 min: _____ FG: .81

Completion Supervisor: Don Dulen

DAILY COST: _____ \$0
TOTAL WELL COST: _____ \$0



DAILY COMPLETION REPORT

WELL NAME: Federal 11-21-9-16 Report Date: 8/3/2007 Day: 3
Operation: Completion Rig: Western #3

WELL STATUS

Surf Csg: 8-5/8' @ 321' Prod Csg: 5-1/2" @ 6031' Csg PBD: 5900'WL
Tbg: Size: _____ Wt: _____ Grd: _____ Pkr/EOT @: _____ CBP @ 4550', 4660', 4770'
CBP @ 4900', 5010', 5150'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D2 sds	4583-4600'	4/68	CP1 sds	5428-5450'	4/22
C sds	4685-4691'	4/24			
C sds	4703-4709'	4/24			
B2 sds	4808-4815'	4/28			
A3 sds	4940-4956'	4/64			
LODC sds	5043-5051'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 8/2/2007 SITP: _____ SICP: 150

MIRU Western #3. Open well to flat tank. Flowed for 2 hrs. Recovered 35 bbls oil & 35 bbls water. RU Perforators llc WL truck. Set 5 1/2" solid composite plug @ 4550'. RD WL truck. 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 racks (tallying & drifting) to 3776'. SWIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2907 Starting oil rec to date: 0
Fluid lost/recovered today: 35 Oil lost/recovered today: 35
Ending fluid to be recovered: 2872 Cum oil recovered: 35
IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

COSTS

_____	Western #3
_____	Weatherford BOP
_____	Weatherford tools
_____	The Perforators, llc
_____	B&L tbg.
_____	NDSI water & truck
_____	Liddel Trucking
_____	Monk's pit reclaim
_____	NPC surface equip.
_____	NDSI water disposal
_____	NPC location cleanup
_____	Mt. West Sanitation
_____	NPC supervision
_____	DAILY COST: _____ \$0
Completion Supervisor: <u>Don Dulen</u>	TOTAL WELL COST: _____ \$0

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4533'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 163' balance plug using 20 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 45 sx Class "G" cement down 5 ½" casing to 372'

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

Federal 11-21-9-16

Spud Date: 7-04-07
 Put on Production: 8-06-07
 GL: 6040' KB: 6052'

Initial Production: BOPD,
 MCFD, BWPD

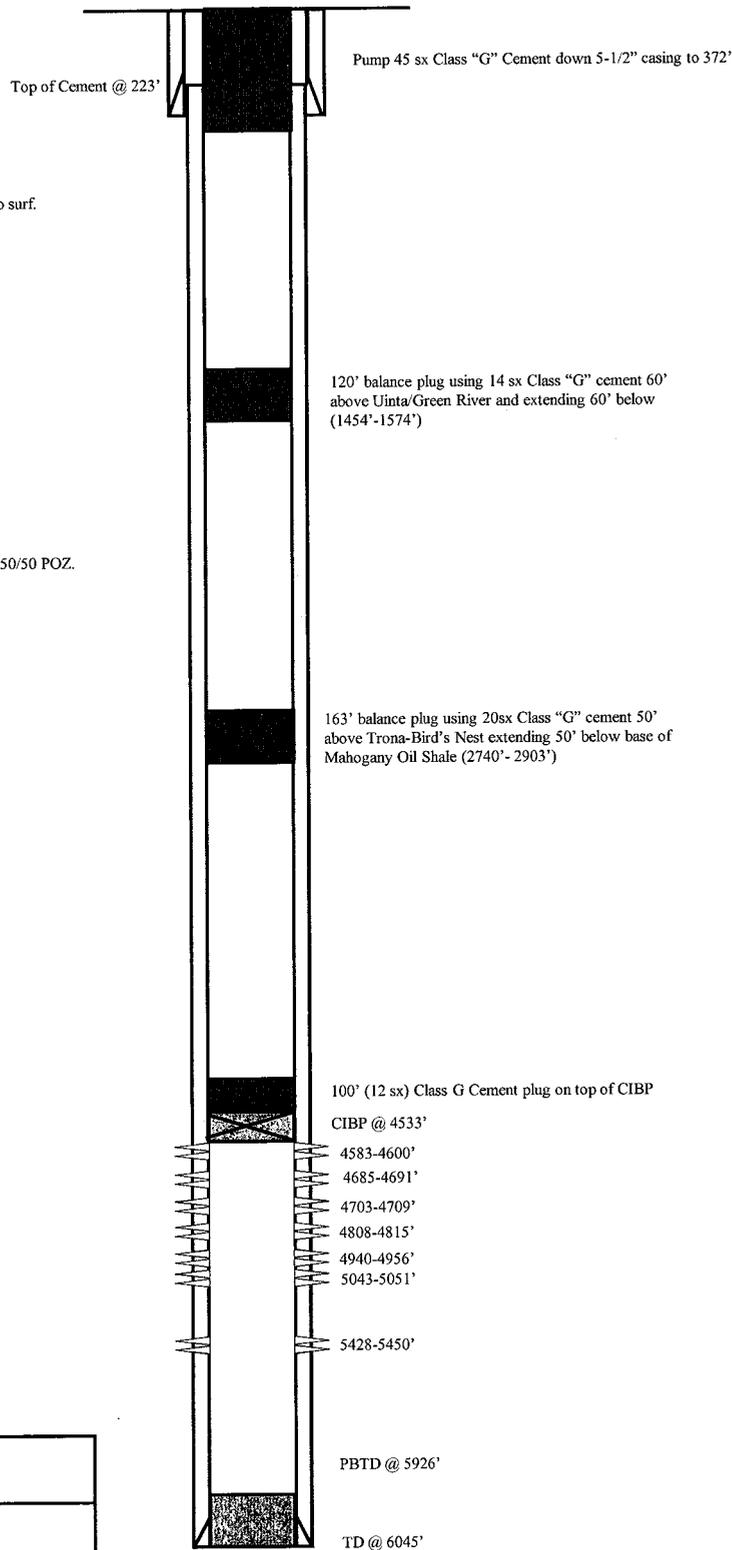
Proposed P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (309.74')
 DEPTH LANDED: 321.59' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts. (6017.88')
 DEPTH LANDED: 6031.13' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 223'




Federal 11-21-9-16 1742' FSL & 2052' FWL NE/SW Section 21-T9S-R16E Duchesne Co, Utah API # 43-013-33144; Lease # UTU-74392

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-406

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23, AND 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 8, 9, 15, 17, 19, 21, AND 30, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

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

Greater Monument Butte Unit:

Ashley Federal 10-23 well located in NW/4 SE/4, Section 23, Township 9 South, Range 15 East
API 43-013-31519

Ashley Federal 12-26-9-15 well located in NW/4 SW/4, Section 26, Township 9 South, Range 15 East
API 43-013-32905

Ashley Federal 1-27-9-15 well located in NW/4 NW/4, Section 26, Township 9 South, Range 15 East
API 43-013-33604

Federal 10-8-9-16 well located in NW/4 SE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33059

Federal 12-9-9-16 well located in NW/4 SW/4, Section 9, Township 9 South, Range 16 East
API 43-013-33969

Castle Peak Federal 33-15 well located in NW/4 SE/4, Section 15, Township 9 South, Range 16 East
API 43-013-30632

West Point 6-17-9-16 well located in SE/4 NW/4, Section 17, Township 9 South, Range 16 East
API 43-013-32283

Federal 11-19-9-16 well located in NE/4 SW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33160

Federal 11-21-9-16 well located in NE/4 SW/4, Section 21, Township 9 South, Range 16 East
API 43-013-33144

Federal 4-30-9-16 well located in NE/4 NW/4, Section 30, Township 9 South, Range 16 East
API 43-013-33470

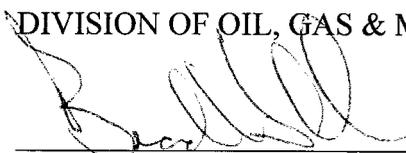
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Dated this 26th day of February, 2013.

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 10-23, ASHLEY FEDERAL 12-26-9-15,
ASHLEY FEDERAL 1-27-9-15, FEDERAL 10-8-9-16,
FEDERAL 12-9-9-16, CASTLE PEAK FEDERAL 33-15,
WEST POINT 6-17-9-16, FEDERAL 11-19-9-16,
FEDERAL 11-21-9-16, FEDERAL 4-30-9-16**

Cause No. UIC-406

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 legals@ubstandard.com

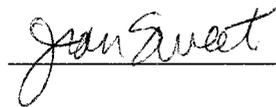
Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

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

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 26, 2013

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-406

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



Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-406

Cindy Kleinfelter <classifieds@ubstandard.com>

Tue, Feb 26, 2013 at 3:16 PM

To: Jean Sweet <jsweet@utah.gov>

On 2/26/2013 1:12 PM, Jean Sweet wrote:

To whom it may concern:

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

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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

It will be published March 5, 2013.

Thank you

Cindy



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 26, 2013

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-406

To whom it may concern:

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

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

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

2/27/13

State of Utah Mail - UIC - 406 - Legal Notice



Jean Sweet <jsweet@utah.gov>

UIC - 406 - Legal Notice

Fultz, Mark <naclegal@mediaoneutah.com>
Reply-To: "Fultz, Mark" <naclegal@mediaoneutah.com>
To: jsweet@utah.gov

Tue, Feb 26, 2013 at 3:31 PM

AD# 861529
Run Trib/DNews - 2/28
Cost \$287.24
Thank you
Mark

 **OrderConf.pdf**
128K

Order Confirmation for Ad #0000861529-01

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

Total Amount	\$287.24	Tear Sheets	Proofs	Affidavits
Payment Amt	\$0.00			
Amount Due	\$287.24	0	0	1
Payment Method		PQ Number	Cause - UIC-406	

Confirmation Notes:
Text: Jean

Ad Type	Ad Size	Color
Legal Liner	2.0 X 84 Li	<NONE>

<u>Product</u>	<u>Placement</u>	<u>Position</u>
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	2/28/2013	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	2/28/2013	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	2/28/2013	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	2/28/2013	

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-406

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23, AND 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 8, 9, 15, 17, 19, 21, AND 30, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

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

- Greater Monument Butte Unit:
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API 43-013-32905
- Ashley Federal 1-27-9-15 well located in NW/4 NW/4, Section 26, Township 9 South, Range 15 East
API 43-013-33004
- Federal 10-8-9-16 well located in NW/4 SE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33059
- Federal 12-9-9-16 well located in NW/4 SW/4, Section 9, Township 9 South, Range 16 East
API 43-013-33969
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API 43-013-30632
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API 43-013-32283
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API 43-013-33160
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API 43-013-33144
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API 43-013-33470

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.

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Dated this 26th day of February, 2013.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ Brad Hill
Permitting Manager
861529

UPAXLP

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

Applicant: Newfield Production Company **Well:** Federal 11-21-9-16

Location: 21/9S/16E **API:** 43-013-33144

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

Well Integrity: The proposed well has surface casing set at 322 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,031 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,010 feet. A 2 7/8 inch tubing with a packer is proposed at 4,533 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. Based on surface locations, there are 8 producing wells and 2 injection wells in the AOR. One of the producing wells has been permitted for injection but has not yet begun injecting. In addition, there is one approved surface location inside the AOR, from which a directional well will be drilled to a bottom hole location outside the AOR, and there is one approved surface location outside the AOR for a directional well to a bottom hole location inside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2800 feet. Injection shall be limited to the interval between 3,860 feet and 5,962 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 11-21-9-16 well is 0.80 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,687 psig. The requested maximum pressure is 1,687 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Federal 11-21-9-16

page 2

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

Bonding: Bonded with the BLM

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

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

Reviewer(s): Mark Reinbold

Date: 2/27/2013

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
A NEWS PAPER AGENCY COMPANY
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Deseret News
www.deseretnews.com

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	2/28/2013

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE NUMBER
8015385340	0000861529 /
SCHEDULE	
Start 02/28/2013	End 02/28/2013
CUST. REF. NO.	
Cause - UIC-406	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES	
SIZE	
84 Lines	2.00 COLUMN
TIMES	RATE
4	
MISC. CHARGES	AD CHARGES
TOTAL COST	
287.24	

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-406

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23, AND 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 8, 9, 15, 17, 19, 27, AND 30, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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API 43-013-32905
Ashley Federal 1-27-9-15 well located in NW/4 NW/4, Section 26, Township 9 South, Range 15 East
API 43-013-33604
Federal 10-8-9-16 well located in NW/4 SE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33059
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API 43-013-30632
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API 43-013-32283
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API 43-013-33160
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Federal 4-30-9-16 well located in NE/4 NW/4, Section 30, Township 9 South, Range 16 East
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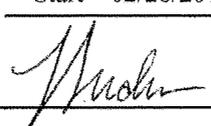
Dated this 26th day of February, 2013.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ Brad Hill
Permitting Manager
861529

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-406 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINITELY.

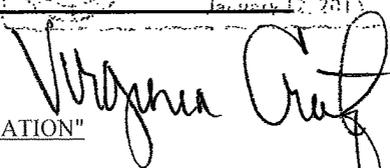
PUBLISHED ON Start 02/28/2013 End 02/28/2013

SIGNATURE 

VERGINIA CRAFT
Notary Public, State of Utah
Commission # 381489
My Commission Expires
January 12, 2015

2/28/2013

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



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

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



Invoice Number	Invoice Date
42640	3/5/2013

Advertiser No.	Invoice Amount	Due Date
2080	\$145.85	4/4/2013

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

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

Amount Enclosed

Please detach top portion and return with your payment

INVOICE

Uintah Basin Standard		DIVISION OF OIL GAS & MINING		Invoice No. 42640	3/5/2013	
Date	Order	Description	Ad Size	SubTotal	Sales Tax	Amount
3/5/2013	21150 UBS	UBS Legal Notice: Not of Agency Action: Cause No. UIC-406 Pub. March 5, 2013				\$145.85
				Sub Total:		\$145.85
Total Transactions: 1				Total:		\$145.85

SUMMARY Advertiser No. 2080 Invoice No. 42640

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

Thank You for your business!

Thank you for advertising with us, we appreciate your business!

42640 UBS Legal Notice: Not of Agency Action: Cause No. UIC-406
Pub. March 5, 2013

AFFIDAVIT OF PUBLICATION

**NOTICE OF
AGENCY
ACTION
CAUSE NO.
UIC-406**

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 5 day of March, 20 13, and that the last publication of such notice was in the issue of such newspaper dated the 5 day of March, 20 13, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

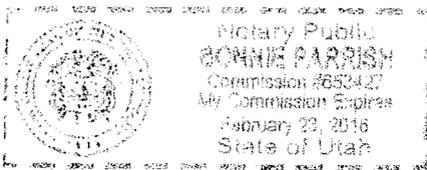
Kevin Ashby
Publisher

Subscribed and sworn to before me on this

5 day of March, 20 13

by Kevin Ashby.

Bonnie Parrish
Notary Public



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

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Bonnie Parrish
Notary Public

Notary Public
BONNIE PARRISH
Commission #850427
My Commission Expires
February 23, 2016
State of Utah

injection wells:
Greater Monument
Butte Unit:

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NW/4 SE/4, Section
23, Township 9 South,
Range 15 East

API 43-013-31519
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is Brad Hill, Permitting
Manager, at P.O. Box
145801, Salt Lake City,
UT 84114-5801, phone
number (801) 538-
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the aforementioned
administrative pro-
cedural rules. Protes-
tants and/or interven-
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to demonstrate at the
hearing how this matter
affects their interests.

Dated this 26th day
of February, 2013.

STATE OF UTAH
DIVISION OF OIL,
GAS & MINING

/s/ Brad Hill
Permitting Manager

Published in the
Utah Basin Standard
March 5, 2013.



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

March 21, 2013

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

Subject: Greater Monument Butte Unit Well: Federal 11-21-9-16, Section 21, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33144

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 3,860 feet in the Federal 11-21-9-16 well.

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

Sincerely,

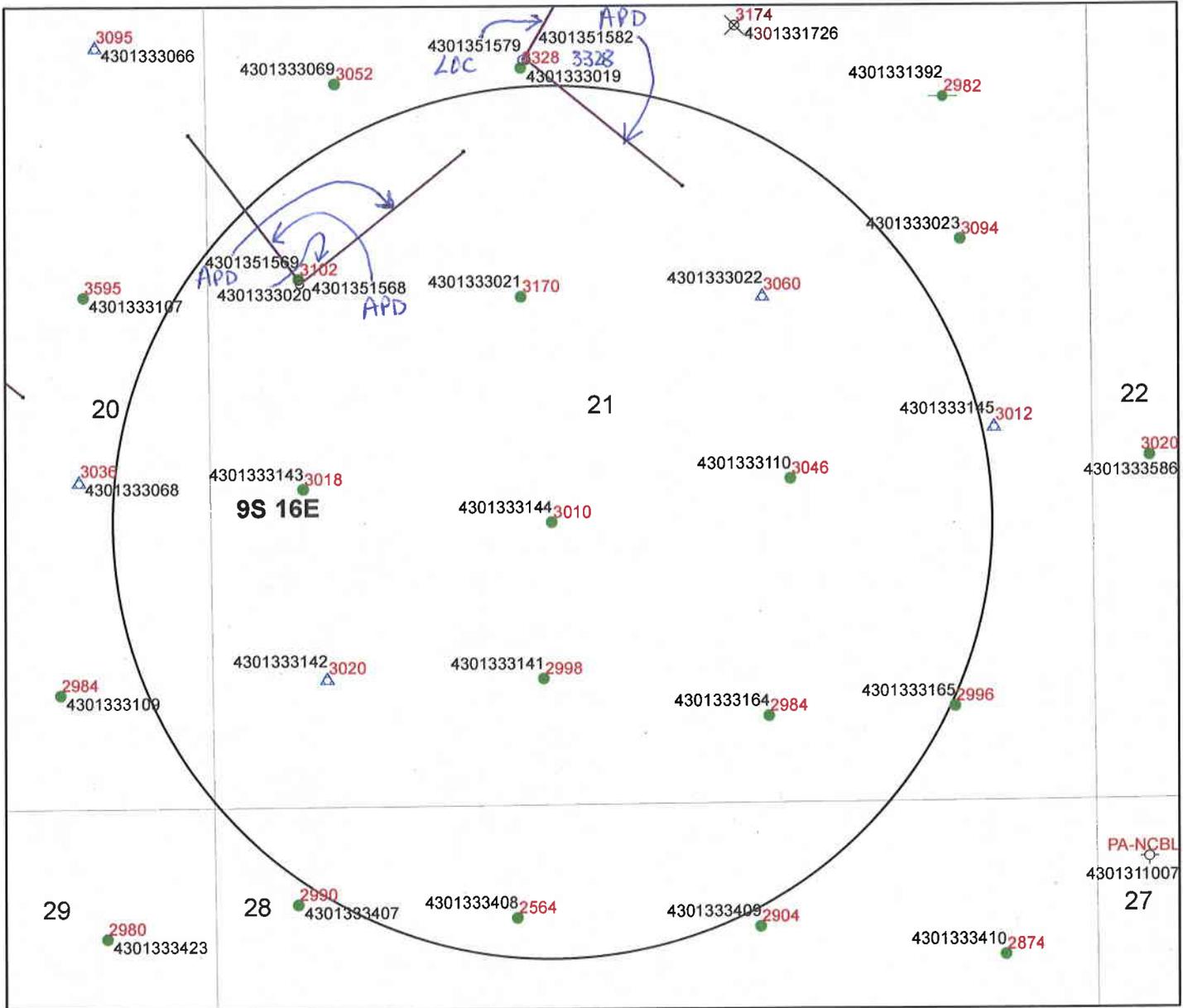
John Rogers
Associate Director

JR/MLR/js

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

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



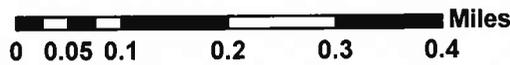


Legend

Oil & Gas Well Type

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

**Cement Bond Tops
Federal 11-21-9-16
API #43-013-33144
UIC-406.9**



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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74392
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FEDERAL 11-21-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013331440000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1742 FSL 2052 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 21 Township: 09.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/30/2013 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

The subject well has been converted from a producing oil well to an injection well on 08/28/2013. On 08/29/2013 Chis Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/30/2013 the casing was pressured up to 1525 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 500 psig during the test. There was not a State representative available to witness the test.

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

Date: September 17, 2013

By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/10/2013	

Casing or Annulus Pressure Test

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

Witness: _____ Date 8/30/13 Time 9:30 am pm

Test Conducted by: Riley B. Bly

Others Present: _____

Well: Federal 11-21-9-16 Field: Monument Bother
Well Location: Federal 11-21-9-16 API No: 430 13 33144

Time	Casing Pressure	
0 min	<u>1525</u>	psig
5	<u>1525</u>	psig
10	<u>1525</u>	psig
15	<u>1525</u>	psig
20	<u>1525</u>	psig
25	<u>1525</u>	psig
30 min	<u>1525</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

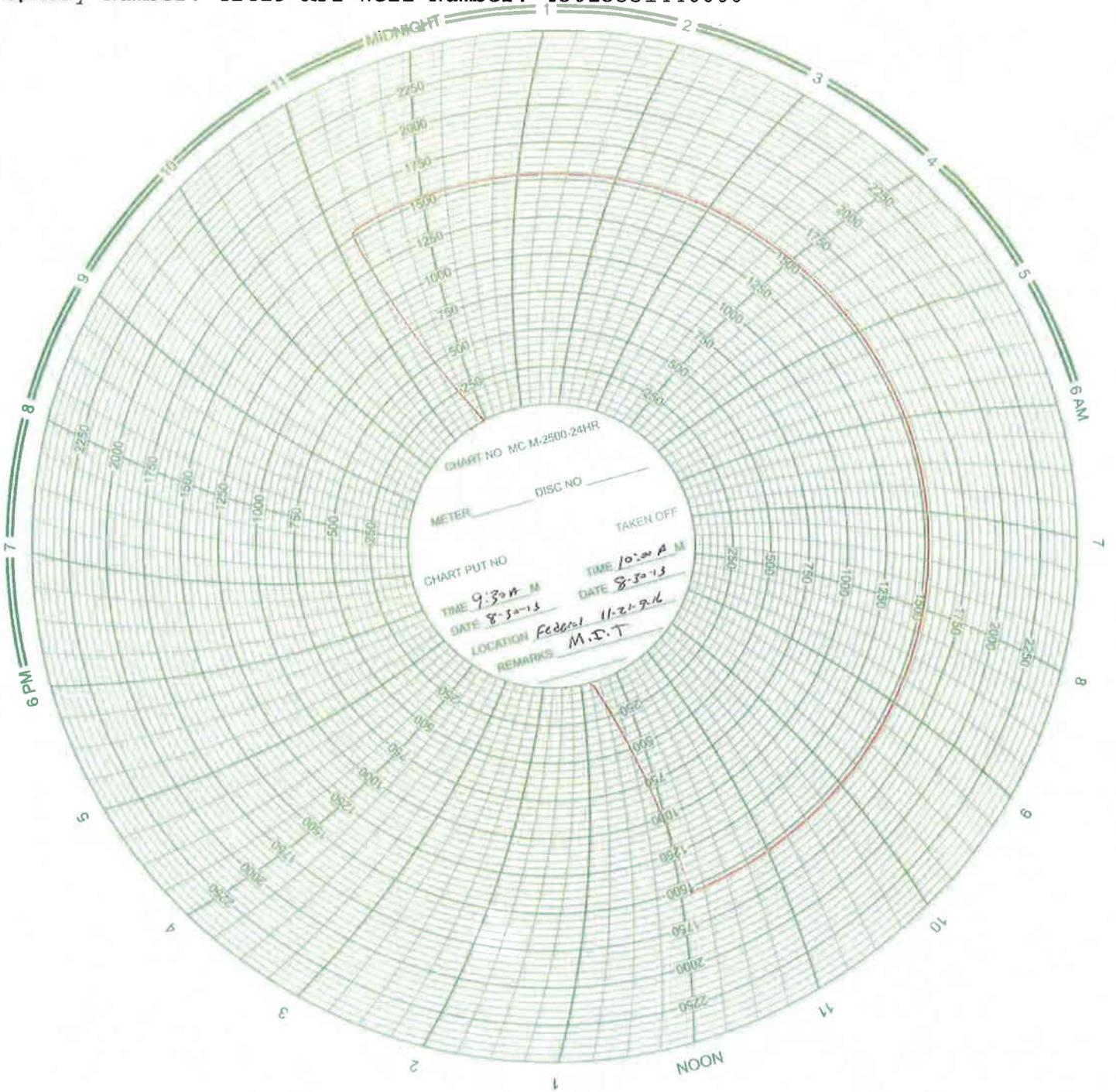
Tubing pressure: 500 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: Riley B. Bly

Sundry Number: 42419 API Well Number: 43013331440000



Daily Activity Report

Format For Sundry

FEDERAL 11-21-9-16

6/1/2013 To 10/30/2013

8/27/2013 Day: 1

Conversion

WWS #9 on 8/27/2013 - Crew travel and safety meeting. Check pressure on 9-13T-9-16 lost 300lbs - Crew travel and safety meeting. Check pressure on 9-13T-9-16 lost 300lbs. Over the weekend pressured back up had water servives hand hook up chart good. Rig down move to federal 11-21-9-16 rig up pump 60 bbls. Down casing at 250 degrees 10:30 am. Remove head from unit pull rods unseat pump lay down 2 rods flush tubing at 11:20 am with 30 bbls reset pump. Fill tubing with 15 bbls pressure test to 3000 lbs good bleed off start lay down rods at 12:12 130 out flush tubing with 25bbls 13.50 pm continue to lay down rods and pump 14.45 pm xover to tubing equip. nipple down wellhead pullup release tac nipple up BOPs rig down floor 16:00 pm tool out of hole breaking collars and talley pipe 17:00 40 joints shut well in for night.17:00 to 18:00 crew travel - Crew travel and safety meeting. Check pressure on 9-13T-9-16 lost 300lbs. Over the weekend pressured back up had water servives hand hook up chart good. Rig down move to federal 11-21-9-16 rig up pump 60 bbls. Down casing at 250 degrees 10:30 am. Remove head from unit pull rods unseat pump lay down 2 rods flush tubing at 11:20 am with 30 bbls reset pump. Fill tubing with 15 bbls pressure test to 3000 lbs good bleed off start lay down rods at 12:12 130 out flush tubing with 25bbls 13.50 pm continue to lay down rods and pump 14.45 pm xover to tubing equip. nipple down wellhead pullup release tac nipple up BOPs rig down floor 16:00 pm tool out of hole breaking collars and talley pipe 17:00 40 joints shut well in for night.17:00 to 18:00 crew travel **Finalized**

Daily Cost: \$0

Cumulative Cost: \$17,625

8/28/2013 Day: 2

Conversion

WWS #9 on 8/28/2013 - 6:00 to 7:00 am Crew travel and safety meeting continue Tooh with 2 7/8 tubing breaking collar - 6:00 to 7:00 am Crew travel and safety meeting continue Tooh with 2 7/8 tubing breaking collars 100 joints out flush tubing with 30 bbls. @ 250 degrees. 10:30 am continue Tooh breaking collars 144 total lay down 31 extra joints on trailer 13:50 pm tool in hole wuth packer assembly. Re-entry guide YN nipple 4 ft. tubing sub. 2 3/8 crossover, 5 1/2 inch injection packer no off tool PSN 144 joints 2 7/8 tubing 15:30 pm pump 10 bbls. Drop standing valve fill tubing with 30 bbls. Pressure up to 3000 psi. watch 30 minutes lost 200 psi. pressure back up to 3000 psi. watch 30 minutes lost 40 psi. bump back up to 3000 psi. check in morning shut well in for night.17:00 to 18:00 crew travel. - 6:00 to 7:00 am Crew travel and safety meeting continue Tooh with 2 7/8 tubing breaking collars 100 joints out flush tubing with 30 bbls. @ 250 degrees. 10:30 am continue Tooh breaking collars 144 total lay down 31 extra joints on trailer 13:50 pm tool in hole wuth packer assembly. Re-entry guide YN nipple 4 ft. tubing sub. 2 3/8 crossover, 5 1/2 inch injection packer no off tool PSN 144 joints 2 7/8 tubing 15:30 pm pump 10 bbls. Drop standing valve fill tubing with 30 bbls. Pressure up to 3000 psi. watch 30 minutes lost 200 psi. pressure back up to 3000 psi. watch 30 minutes lost 40 psi. bump back up to 3000 psi. check in morning shut well in for night.17:00 to 18:00 crew travel. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$24,660

8/29/2013 Day: 3

Conversion

WWS #9 on 8/29/2013 - 6:00 am to 7:00 Crew travel and safety mtg. Casing pressure lost

100 psi. pres. Back up to 3000 psi. watch 45 min. good test. Sandline new RIH POOH standing valve 9:25 am POOH - 6:00 am to 7:00 Crew travel and safety mtg. Casing pressure lost 100 psi. pres. Back up to 3000 psi. watch 45 min. good test. Sandline new RIH POOH standing valve 9:25 am POOH RD sandline RD floor NU BOPS 10:15 am pump 60 bbls. Packer fluid set packer at 4546 ft. NU wellhead packer has 15,000 tension fill casing with 12 bbls. Well head is leaking where it screws onto csg. PU on TBG tighten wellhead pres. Backup to 1500 psi. watch 30 min. 11:50 am to 12:25 still leaking unscrew wellhead teflon tape the 5 1/2 csg. Tighten wellhead back down pres. up to 1500 psi. Watch 30 min. 12.50 to 13.25 lost 20 psi. watch another 30 min. still leaking tighten WH. One more round pressure up to 1500 psi. watch 30 min. 14.20 pm to 15.00 pm good rig down .Move off to the 7-18-9-16 Rig up - - 6:00 am to 7:00 Crew travel and safety mtg. Casing pressure lost 100 psi. pres. Back up to 3000 psi. watch 45 min. good test. Sandline new RIH POOH standing valve 9:25 am POOH RD sandline RD floor NU BOPS 10:15 am pump 60 bbls. Packer fluid set packer at 4546 ft. NU wellhead packer has 15,000 tension fill casing with 12 bbls. Well head is leaking where it screws onto csg. PU on TBG tighten wellhead pres. Backup to 1500 psi. watch 30 min. 11:50 am to 12:25 still leaking unscrew wellhead teflon tape the 5 1/2 csg. Tighten wellhead back down pres. up to 1500 psi. Watch 30 min. 12.50 to 13.25 lost 20 psi. watch another 30 min. still leaking tighten WH. One more round pressure up to 1500 psi. watch 30 min. 14.20 pm to 15.00 pm good rig down .Move off to the 7-18-9-16 Rig up - **Finalized**

Daily Cost: \$0

Cumulative Cost: \$31,335

9/3/2013 Day: 4

Conversion

Rigless on 9/3/2013 - Conduct initial MIT - On 08/29/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/30/2013 the casing was pressured up to 1525 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 500 psig during the test. There was not a State representative available to witness the test. - On 08/29/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 08/30/2013 the casing was pressured up to 1525 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 500 psig during the test. There was not a State representative available to witness the test.

Finalized

Daily Cost: \$0

Cumulative Cost: \$63,547

Pertinent Files: Go to File List

Federal 11-21-9-16

Spud Date: 7-04-07
 Put on Production: 8-06-07
 GL: 6040' KB: 6052'

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE 8-5/8"
 GRADE: J-55
 WEIGHT 24#
 LENGTH 7 jts (309 74")
 DEPTH LANDED 321 59' KB
 HOLE SIZE 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf

PRODUCTION CASING

CSG SIZE 5-1/2"
 GRADE: J-55
 WEIGHT 15 5#
 LENGTH 137 jts (6017 88")
 DEPTH LANDED 6031 13' KB
 HOLE SIZE 7-7/8"
 CEMENT DATA 300 sxs Prem Lite II mixed & 400 sxs 50/50 POZ
 CEMENT TOP AT 223'

TUBING

SIZE/GRADE/WT 2-7/8" / J-55 / 6 5#
 NO OF JOINTS 144 jts (4528")
 SEATING NIPPLE 2-7/8" (1 10")
 SN LANDED AT 4540' KB
 ON/OFF TOOL AT 4541 1"
 ARROW #1 PACKER CE AT 4546 23"
 XO 2-3/8 x 2-7/8 J-55 AT 4550'
 TBG PUP 2-3/8 J-55 AT 4550 6"
 X/N NIPPLE AT 4554 7"
 TOTAL STRING LENGTH: EOT @ 4556 26"

FRAC JOB

08-01-07 5428-5450' **Frac C1 sands as follows:**
 99480# 20/40 sand in 758 bbls Lightning 17 frac fluid Treated @ avg press of 2388 psi w/avg rate of 24 8 BPM ISIP 2100 psi Calc flush: 5426 gal Actual flush: 4839 gal

08-01-07 5043-5051' **Frac LODC sands as follows:**
 24293# 20/40 sand in 345 bbls Lightning 17 frac fluid Treated @ avg press of 2280 psi w/avg rate of 24 9 BPM ISIP 2492 psi Calc flush: 5041 gal Actual flush: 4524 gal

08-01-07 4940-4956' **Frac A3 sands as follows:**
 70072# 20/40 sand in 595 bbls Lightning 17 frac fluid Treated @ avg press of 2180 psi w/avg rate of 24 9 BPM ISIP 2368 psi Calc flush: 4938 gal Actual flush: 4431 gal

08-01-07 4808-4815' **Frac B2 sand as follows:**
 14168# 20/40 sand in 280 bbls Lightning 17 frac fluid Treated @ avg press of 2415 w/ avg rate of 25 BPM ISIP 1720 psi Calc flush: 4806 gal Actual flush: 4301 gal

08-01-07 4685-4709' **Frac C sand as follows:**
 19350# 20/40 sand in 304 bbls Lightning 17 frac fluid Treated @ avg press of 1870 w/ avg rate of 24 8 BPM ISIP 1717 psi Calc flush: 4683 gal Actual flush: 4179 gal

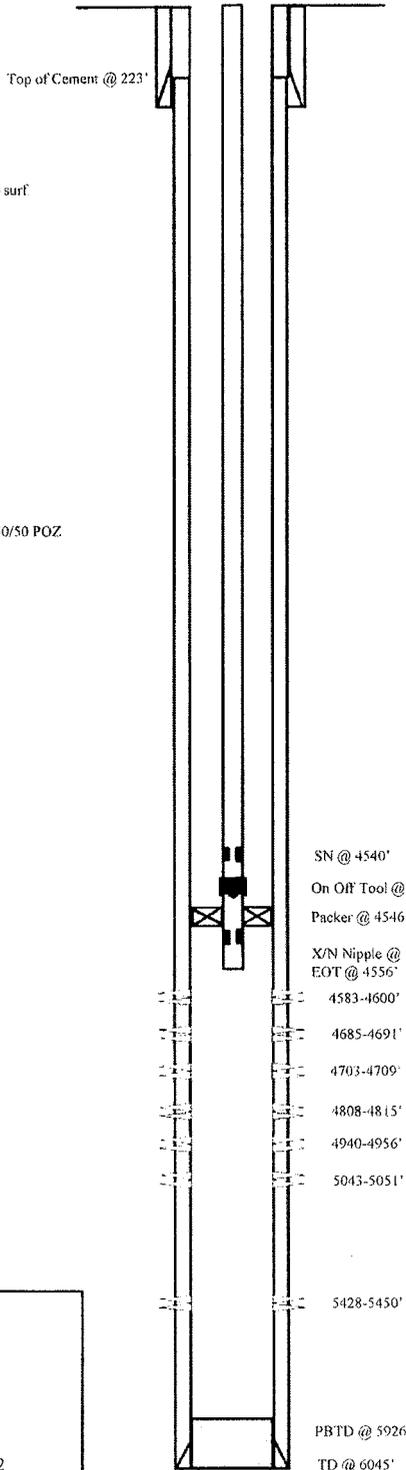
08-01-07 4583-4600' **Frac D2 sand as follows:**
 112592# 20/40 sand in 813 bbls Lightning 17 frac fluid Treated @ avg press of 1600 w/ avg rate of 24 7 BPM ISIP 1750 psi Calc flush: 4581 gal Actual flush: 4494 gal

12/18/08 **Stuck Pump.** Updated rod & tubing details

05/25/11 **Parted Rods** Rod & tubing updated

08/28/13 **Convert to Injection Well**

08/30/13 **Conversion MIT Finalized** - update tbg detail



PERFORMANCE RECORD

Date	Interval	Completion	Holes
07-24-07	5428-5450'	4 JSPF	22 holes
08-01-07	5043-5051'	4 JSPF	32 holes
08-01-07	4940-4956'	4 JSPF	64 holes
08-01-07	4808-4815'	4 JSPF	28 holes
08-01-07	4703-4709'	4 JSPF	24 holes
08-01-07	4685-4691'	4 JSPF	24 holes
08-01-07	4583-4600'	4 JSPF	68 holes

NEWFIELD

Federal 11-21-9-16
 1742' FSL & 2052' FWL
 NE:SW Section 21-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33144; Lease # UTU-74392



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

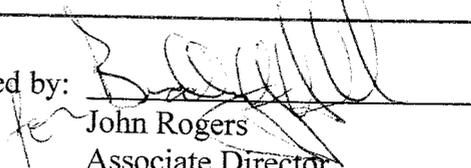
Cause No. UIC-406

Operator: Newfield Production Company
Well: Federal 11-21-9-16
Location: Section 21, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-33144
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on March 21, 2013.
2. Maximum Allowable Injection Pressure: 1,687 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,860' – 5,962')
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

09-25-13
Date

JR/MLR/js

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

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



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74392
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: FEDERAL 11-21-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013331440000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	4. LOCATION OF WELL FOOTAGES AT SURFACE: 1742 FSL 2052 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 21 Township: 09.0S Range: 16.0E Meridian: S
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/27/2013	<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 9:30 AM on
09/27/2013.

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

Date: November 04, 2013

By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/4/2013	