

NEWFIELD



Route #3 Box 3630
Myton, Utah 84052
(435) 646-4825, FAX: (435) 646-3031

April 13, 2007

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 12-9-9-16

Dear Diana:

Enclosed find an APD on the above referenced well. This an APD that the BLM returned to us after the Lease had expired. It was issued a new lease number and they asked us to re-submit a whole new APD. I am not sure how your office will want to handle it. If you have any questions, feel free to give either Dave Allred or myself a call.

Sincerely,

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

Mandie Crozier
Regulatory Specialist

mc
enclosures

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-85210	
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 12-9-16	
9. API Well No. 43-013-33969	
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 NW/SW Sec. 9, T9S R16E
2. Name of Operator Newfield Production Company	
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SW 1710' FSL 443' FWL 574035X 40.042826 At proposed prod. zone 44326624 - 110.131573	
14. Distance in miles and direction from nearest town or post office* Approximatley 16.0 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. 390' f/see, NA' f/unit	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. NA	20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5827' GL	22. Approximate date work will start* 3rd Quarter 2007
23. Estimated duration Approximately seven (7) days from spud to rig release.	

24. Attachments

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

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

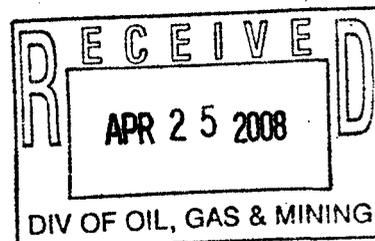
25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 4/13/07
Title Regulatory Specialist		
Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 06-11-08
Title Regulatory Specialist	Office ENVIRONMENTAL MANAGER	

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

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

*(Instructions on reverse)

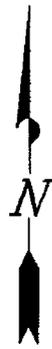
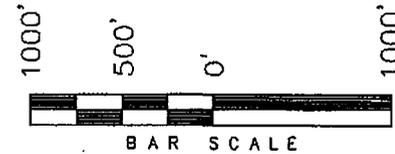
Federal Approval of this
Action is Necessary



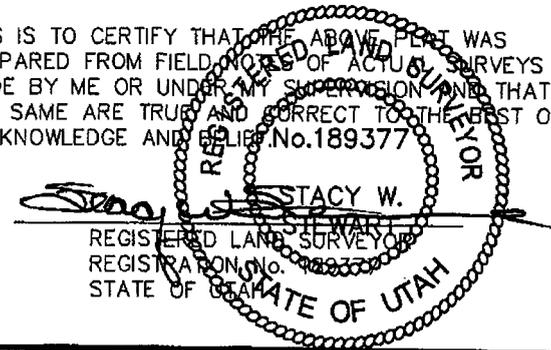
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 12-9-9-16,
 LOCATED AS SHOWN IN THE NW 1/4 SW
 1/4 OF SECTION 9, T9S, R16E, S.L.B.&M.
 DUCHESNE COUNTY, UTAH.



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

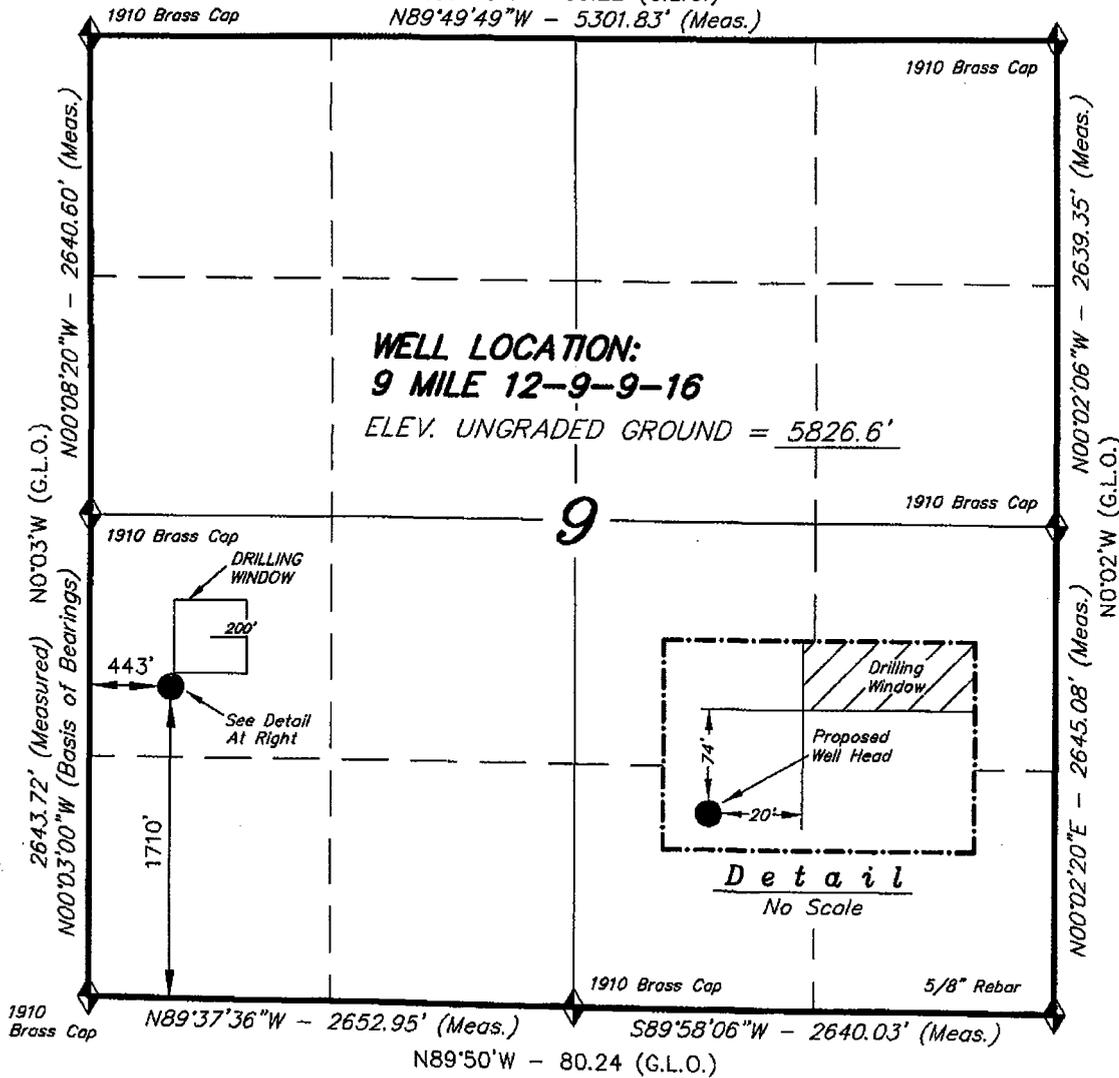


TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 1-6-06	SURVEYED BY: C.M.
DATE DRAWN: 1-10-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

N89°52'W - 80.22 (G.L.O.)
 N89°49'49"W - 5301.83' (Meas.)



◆ = SECTION CORNERS LOCATED

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

WELL NAME
 (Surface Location) NAD 83
 LATITUDE = 40° 02' 34.16"
 LONGITUDE = 110° 07' 55.90"

NEWFIELD PRODUCTION COMPANY
FEDERAL #12-9-9-16
NW/SW SECTION 9, 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' – 2480'
Green River	2480'
Wasatch	6135'
3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:
Green River Formation 2480' – 6135' - 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 #12-9-9-16
NW/SW SECTION 9, 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 #12-9-9-16 located in the NW 1/4 SW 1/4 Section 9, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles ± to the junction of this highway and UT State Hwy 53; proceed southwesterly - 10.9 miles ± to its junction with an existing road to the southeast; proceed southeasterly - 0.4 miles ± to its junction with an existing road to the north; proceed northeasterly - 2.5 miles ± to its junction with the beginning of the proposed access road; proceed southwesterly along the proposed access road - 0.6 miles ± 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. Arch Report #1030-01, 4/23/98. Paleontological Resource Survey prepared by, Wade E. Miller, 9/28/05. See attached report cover pages, Exhibit "D".

For the Federal #12-9-9-16 Newfield Production Company requests a 200' ROW be granted in Lease UTU-79833, a 1440' ROW be granted in Lease UTU-79831, a 850' ROW be granted in Lease UTU-64379, and 530' of disturbed area be granted in Lease UTU-85210 to allow for construction of the proposed access road. Refer to Topographic Map "B". For the planned access road a temporary width of 60' will be needed for construction purposes with a permanent width of 30' and a running surface of 18'. The construction phase of the planned access road will last approximately (5) days. The planned access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests a 1170' ROW in Lease UTU-79833, a 1440' ROW be granted in Lease UTU-79831, a 850' ROW be granted in Lease UTU-64379, and 530' of disturbed area be granted in Lease UTU-85210 to allow for construction of the proposed gas lines. It is proposed that the ROW and disturbed area will temporarily be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line, with a permanent width of 30' upon completion of the proposed gas lines. The construction phase of the proposed gas lines will last approximately (5) days. Both lines will tie in to the existing pipeline infrastructure. Refer to Topographic Map "C." For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

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

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

Threatened, Endangered, And Other Sensitive Species

None for the proposed Federal 12-9-9-16.

Reserve Pit Liner

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

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

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

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

Details of the On-Site Inspection

The proposed Federal #12-9-9-16 was on-sited on 11/30/05. The following were present; Shon Mckinnon (Newfield Production), Melissa Hawk (Bureau of Land Management), and Amy Torres (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Dave Allred
 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 #12-9-9-16 NW/SW Section 9, Township 9S, Range 16E: Lease UTU-85210 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.

4/13/07

Date



Mandie Crozier
Regulatory Specialist
Newfield Production Company

Exhibit "D"
Page 1 of 2

A CULTURAL RESOURCE SURVEY OF THE SOUTH WELLS DRAW UNIT,

DUCHESNE COUNTY, UTAH

by

Ann Polk
and
Danielle Diamond

Prepared for:

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

Prepared by:

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

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

and

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

Archaeological Report No. 1030-01

April 23, 1998

NEWFIELD PRODUCTION COMPANY

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

SW 1/4, SE 1/4, and SW 1/4, Section 9 [9,11,12,13 & 14-9-9-16]; Entire Section 22
(excluding NE 1/4, NE 1/4 & NW 1/4, NW 1/4) [2,3,5 through 16-9-9-16]; Entire
Section 23 (excluding SE 1/4, NW 1/4, SW 1/4, NE 1/4, NE 1/4 & NW 1/4, SE 1/4)
[1 through 5, 8,11 through 16-9-9-16]; Entire Section 24 (excluding SW 1/4, NW 1/4)
[1 through 4, 6 through 16-9-9-16] all in Township 9 South, Range 16 East

REPORT OF SURVEY

Prepared for:

Newfield Production Company

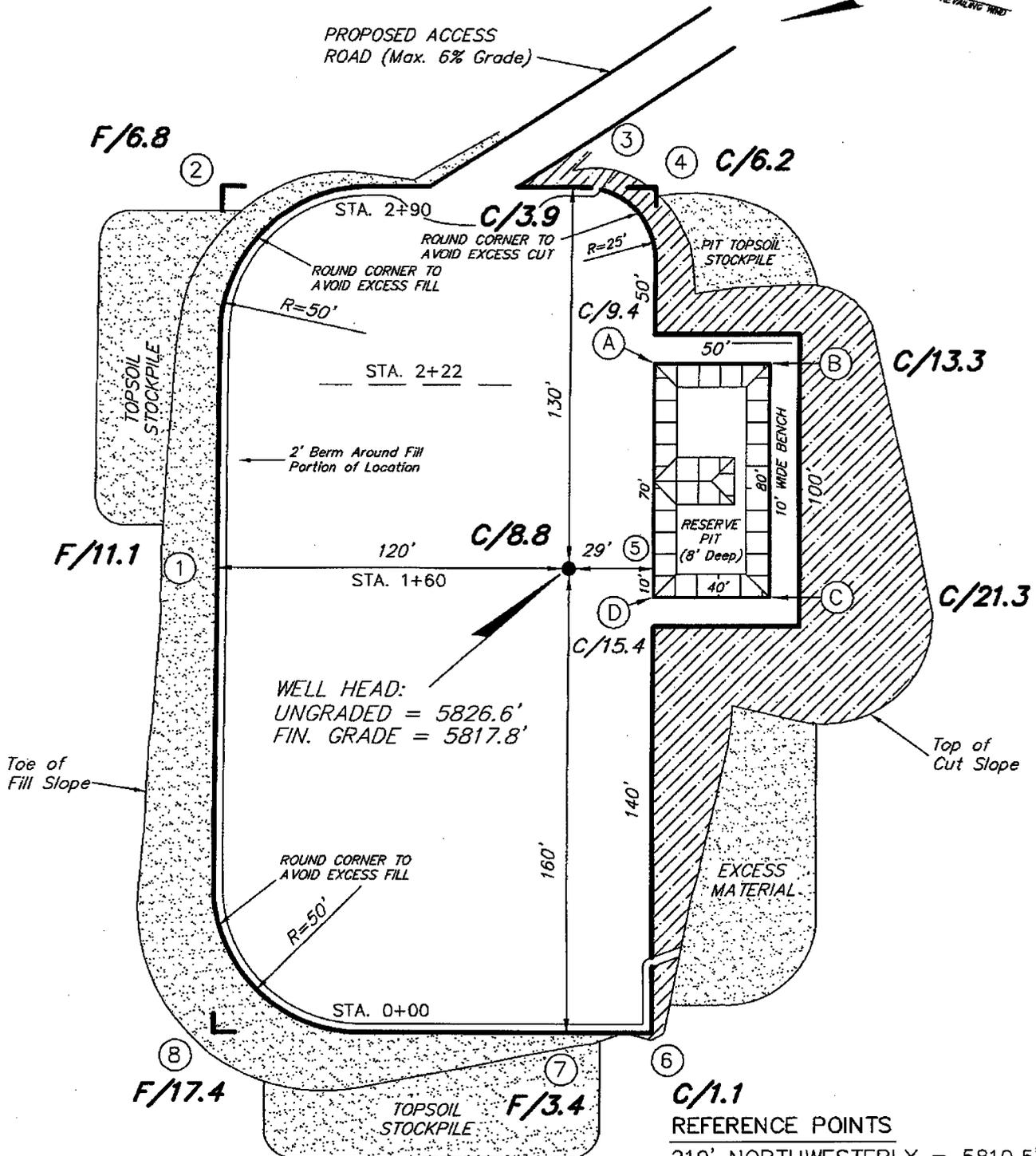
Prepared by:

Wade E. Miller
Consulting Paleontologist
September 28, 2005

NEW ELD PRODUCTION COMPANY

9 MILE 12-9-9-16

Section 9, T9S, R16E, S.L.B.&M.



WELL HEAD:
 UNGRADED = 5826.6'
 FIN. GRADE = 5817.8'

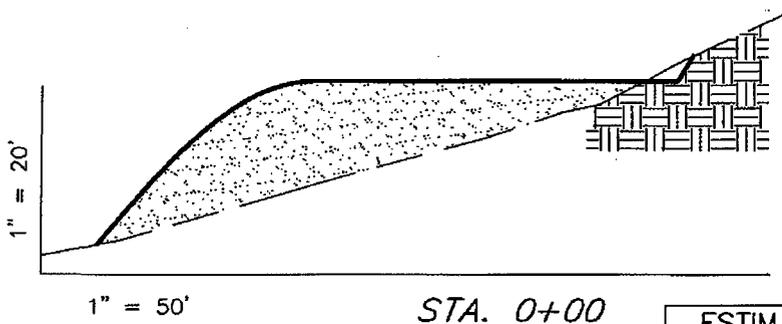
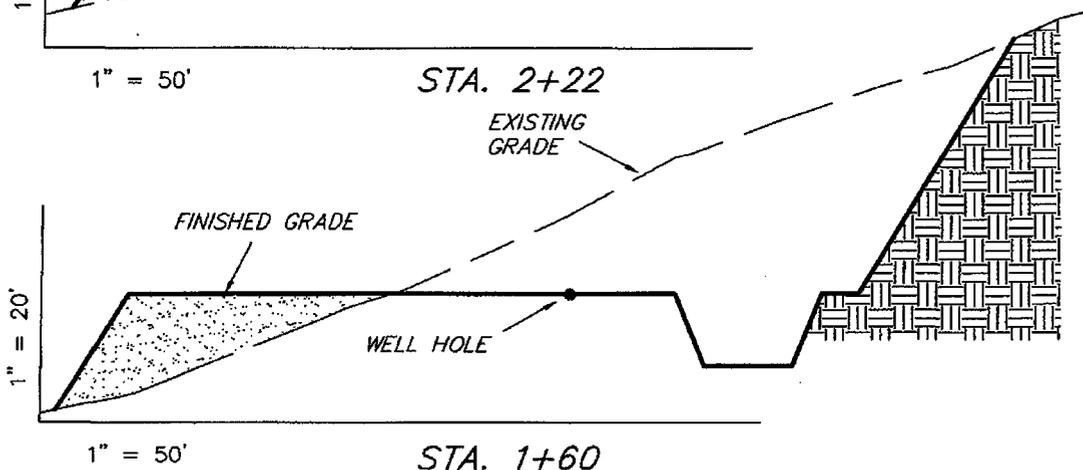
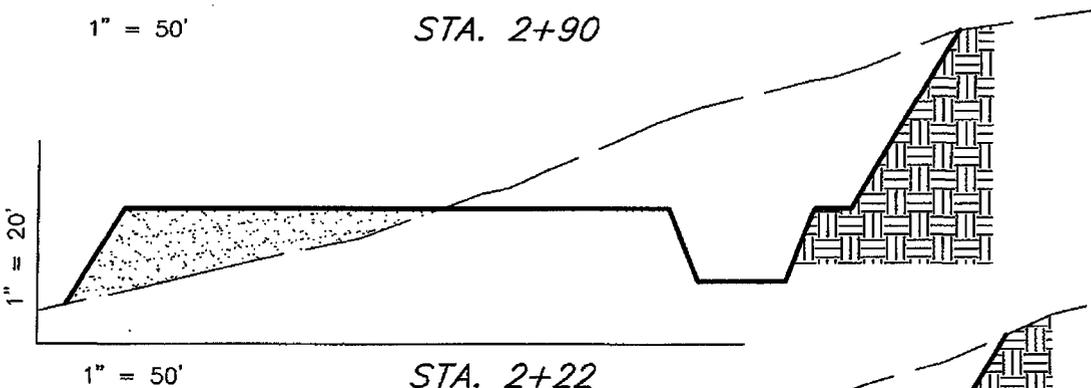
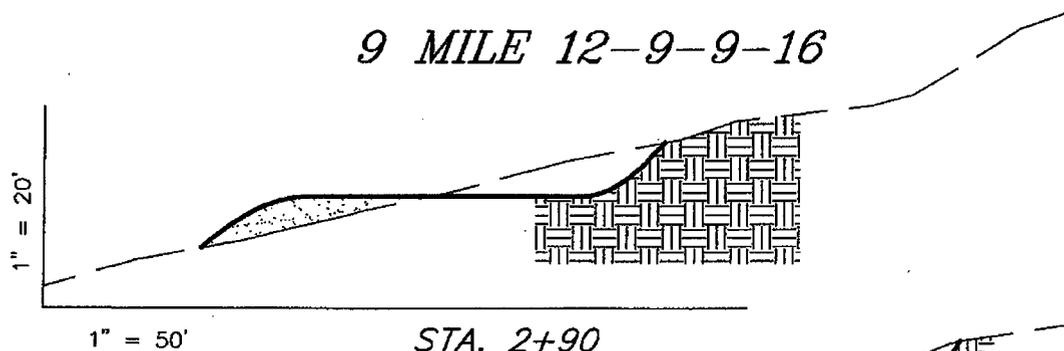
- REFERENCE POINTS**
- 210' NORTHWESTERLY = 5810.5'
 - 260' NORTHWESTERLY = 5806.8'
 - 170' NORTHEASTERLY = 5802.3'
 - 220' NORTHEASTERLY = 5809.7'

SURVEYED BY: C.M.	SCALE: 1" = 50'	Tri State Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078 (435) 781-2501
DRAWN BY: M.W.	DATE: 1-10-06	

N. FIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 12-9-9-16



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	7,980	7,980	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	8,620	7,980	1,200	640

SURVEYED BY: C.M.

SCALE: 1" = 50'

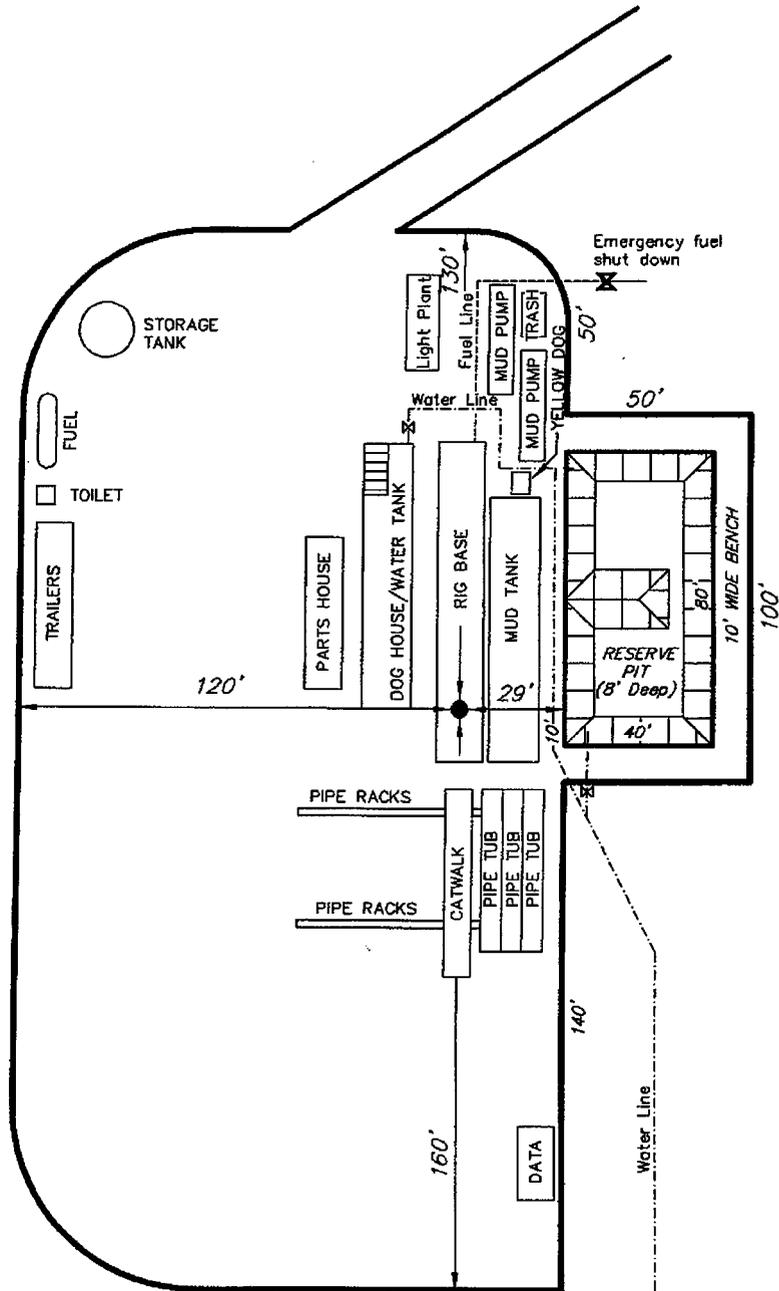
DRAWN BY: M.W.

DATE: 1-10-06

(435) 781-2501

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY
TYPICAL RIG LAYOUT
9 MILE 12-9-9-16

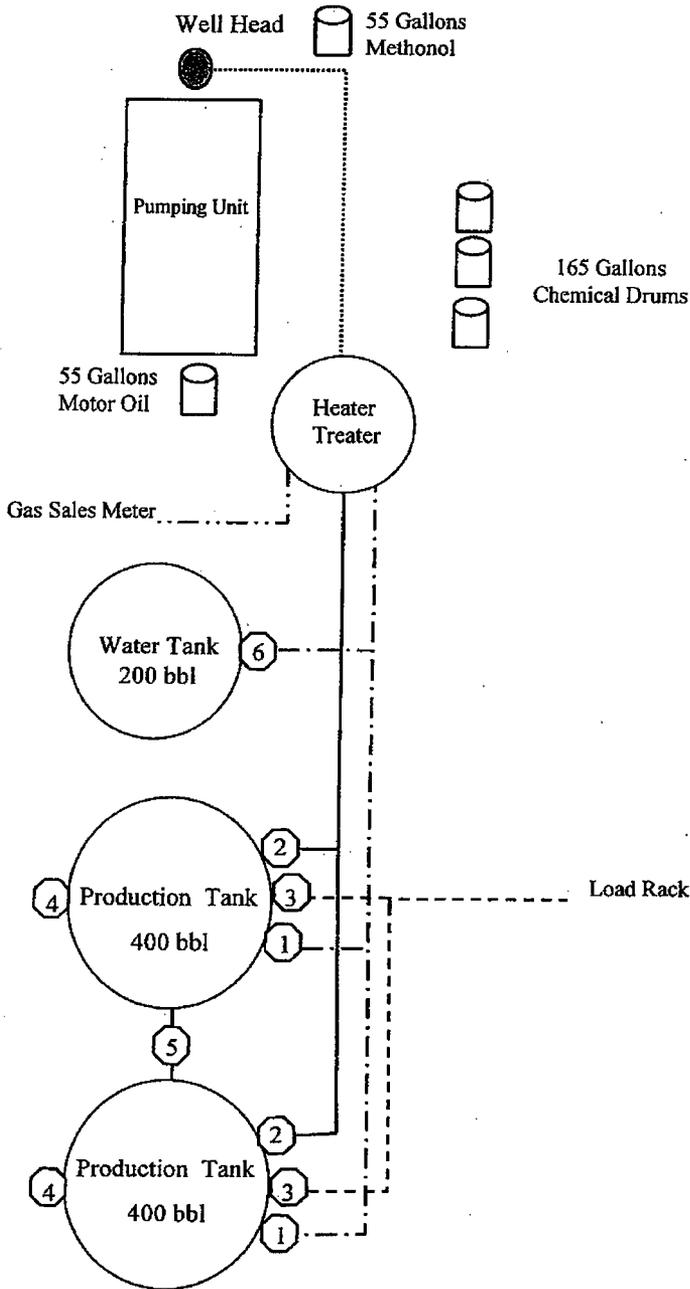


SURVEYED BY: C.M.	SCALE: 1" = 50'
DRAWN BY: M.W.	DATE: 1-10-06

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

Newfield Production Company Proposed Site Facility Diagram

Federal 12-9-9-16
 NW/SW Sec. 9, T9S, R16E
 Duchesne County, Utah
 UTU-85210



Legend

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

Production Phase:

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

Sales Phase:

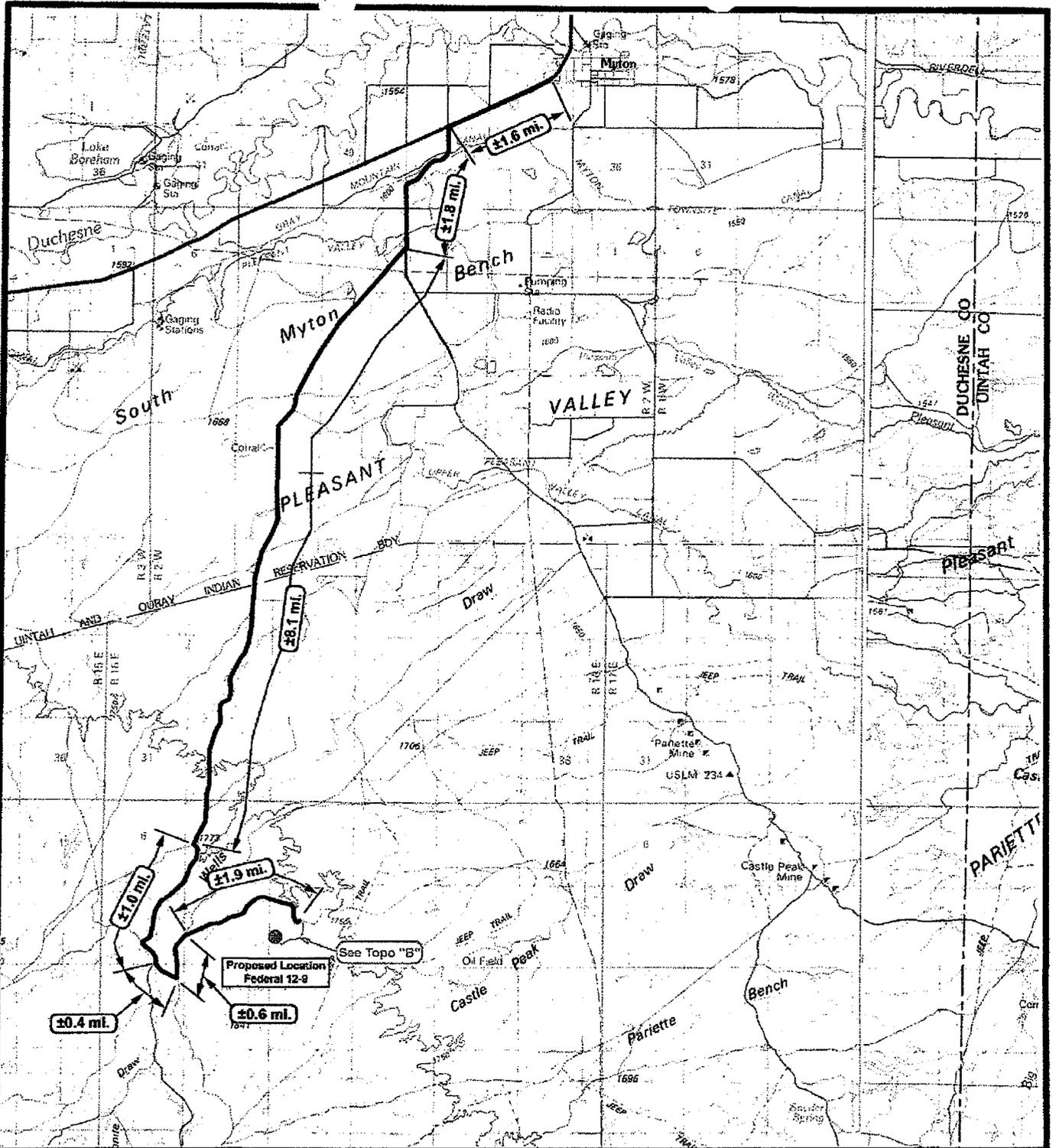
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valves 1 and 6 open

Diked Section







NEWFIELD
 Exploration Company

Federal 12-9-9-16
SEC. 9, T9S, R16E, S.L.B.&M.



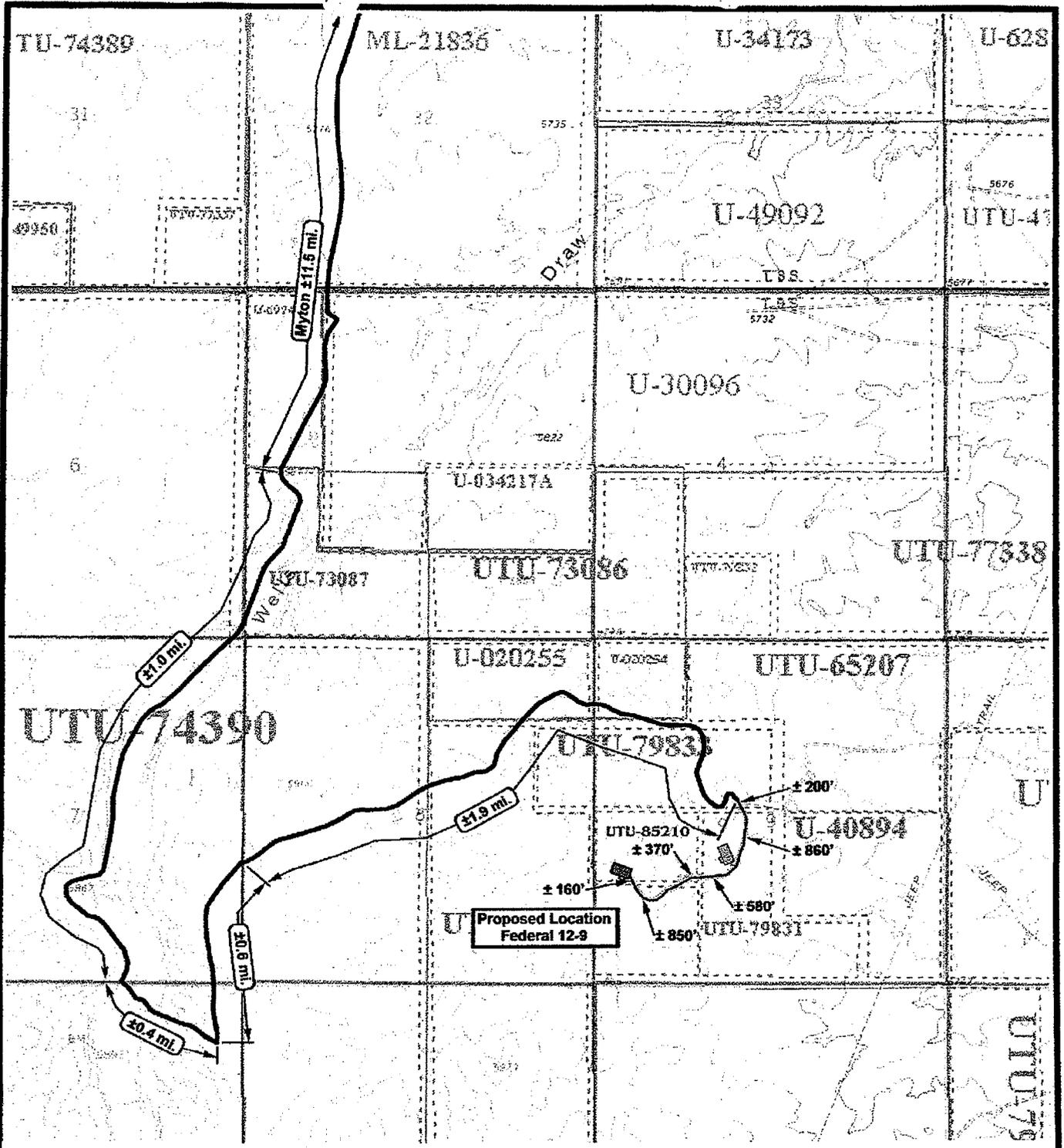

Tri-State
 Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE 1" = 100,000'
 DRAWN BY: TMW
 DATE: 01-11-2006

Legend

 Existing Road
 Proposed Access

TOPOGRAPHIC MAP
"A"



NEWFIELD
Exploration Company

Federal 12-9-9-16
SEC. 9, T9S, R16E, S.L.B.&M.



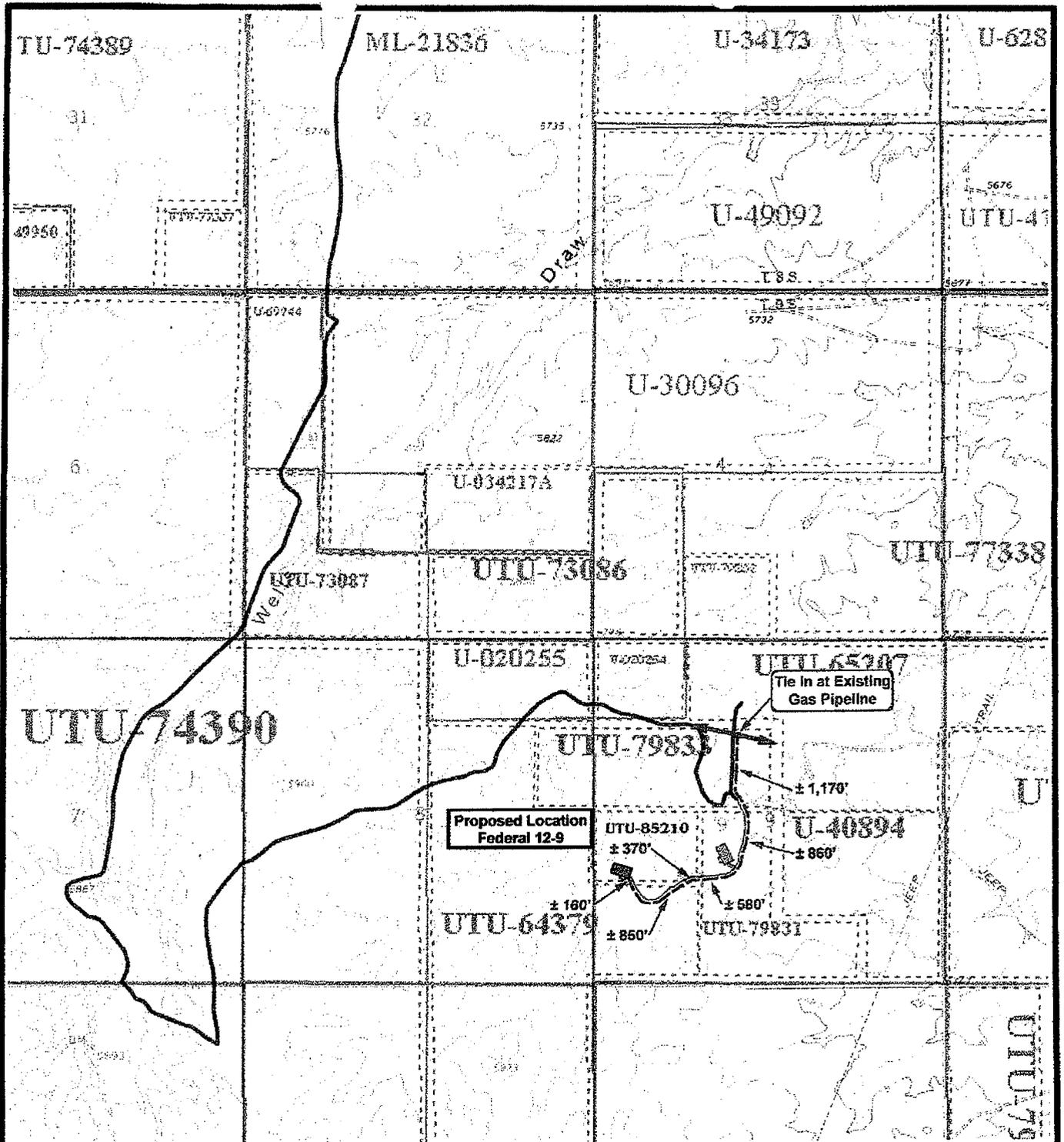
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE 1" = 2,000'
DRAWN BY: mhw
DATE: 01/11/2006

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP
"B"



NEWFIELD
Exploration Company

Federal 12-9-9-16
SEC. 9, T9S, R16E, S.L.B.&M.

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

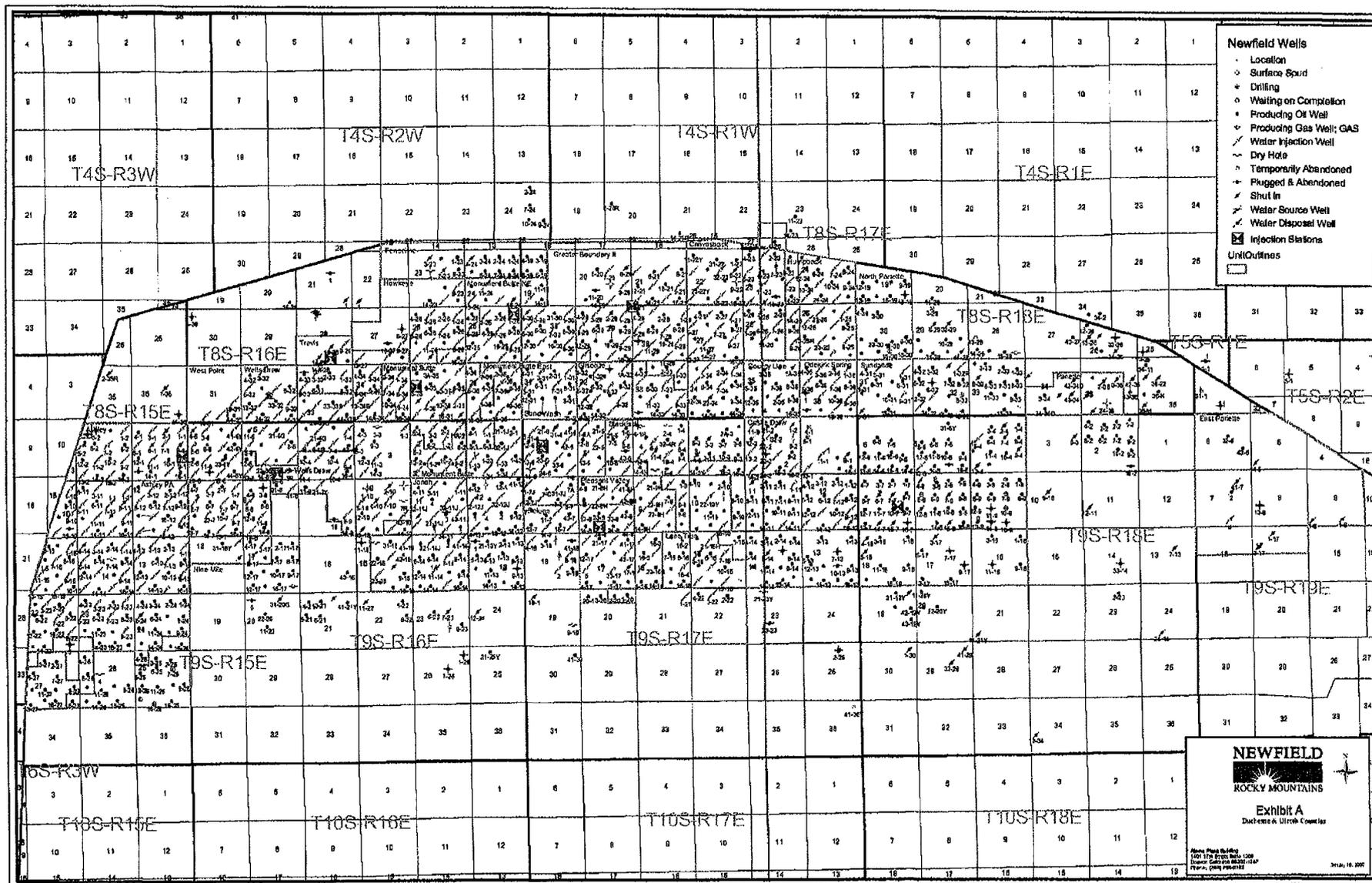
SCALE: 1" = 2,000'
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DATE: 04-11-2006

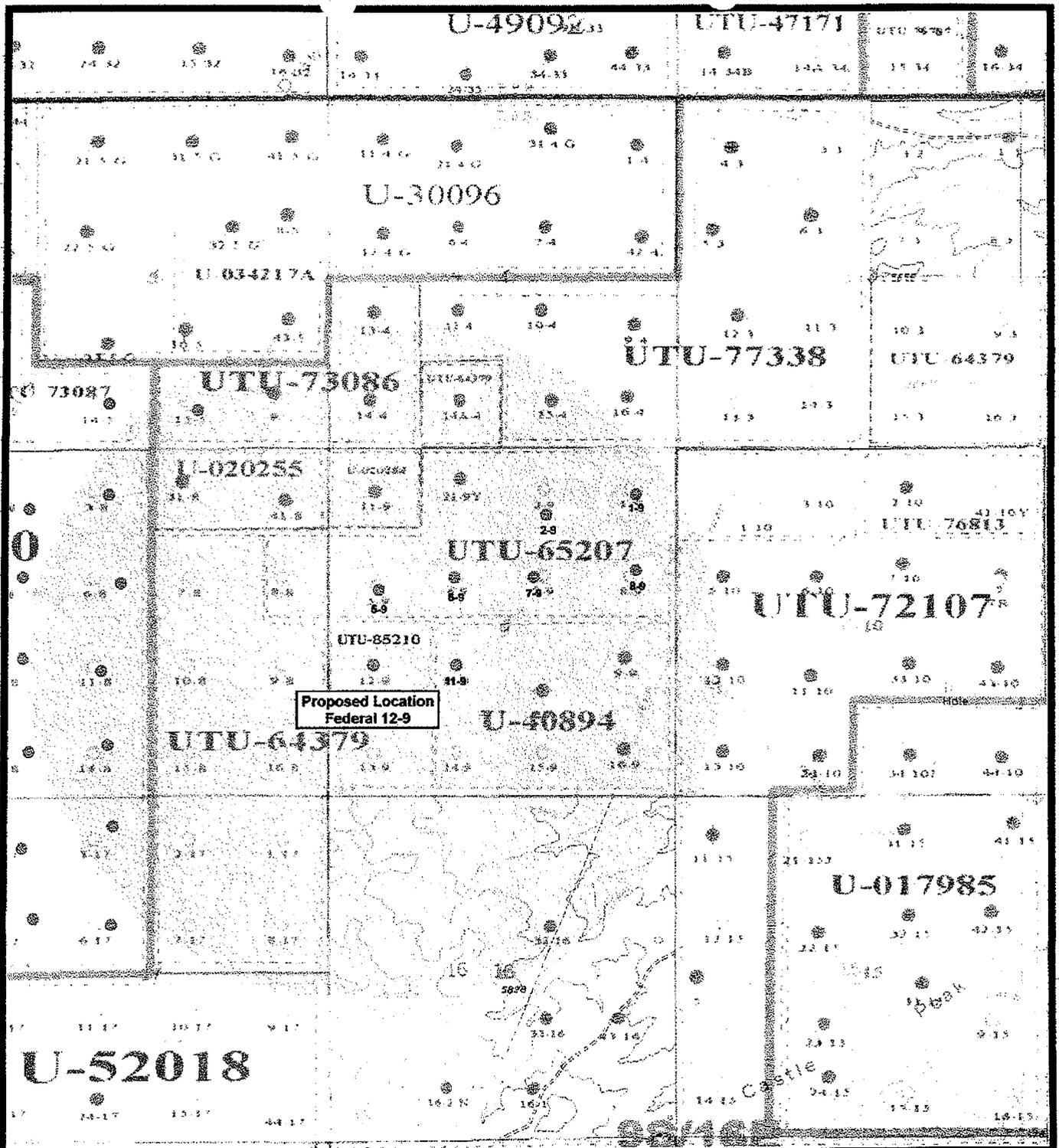
Legend

- Roads
- Existing Gas Line
- Proposed Gas Line

TOPOGRAPHIC MAP

"C"





NEWFIELD
Exploration Company

Federal 12-9-9-16
SEC. 9, T9S, R16E, S.L.B.&M.

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

SCALE: 1" = 2000'
DRAWN BY: mw
DATE: 01-11-2006

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

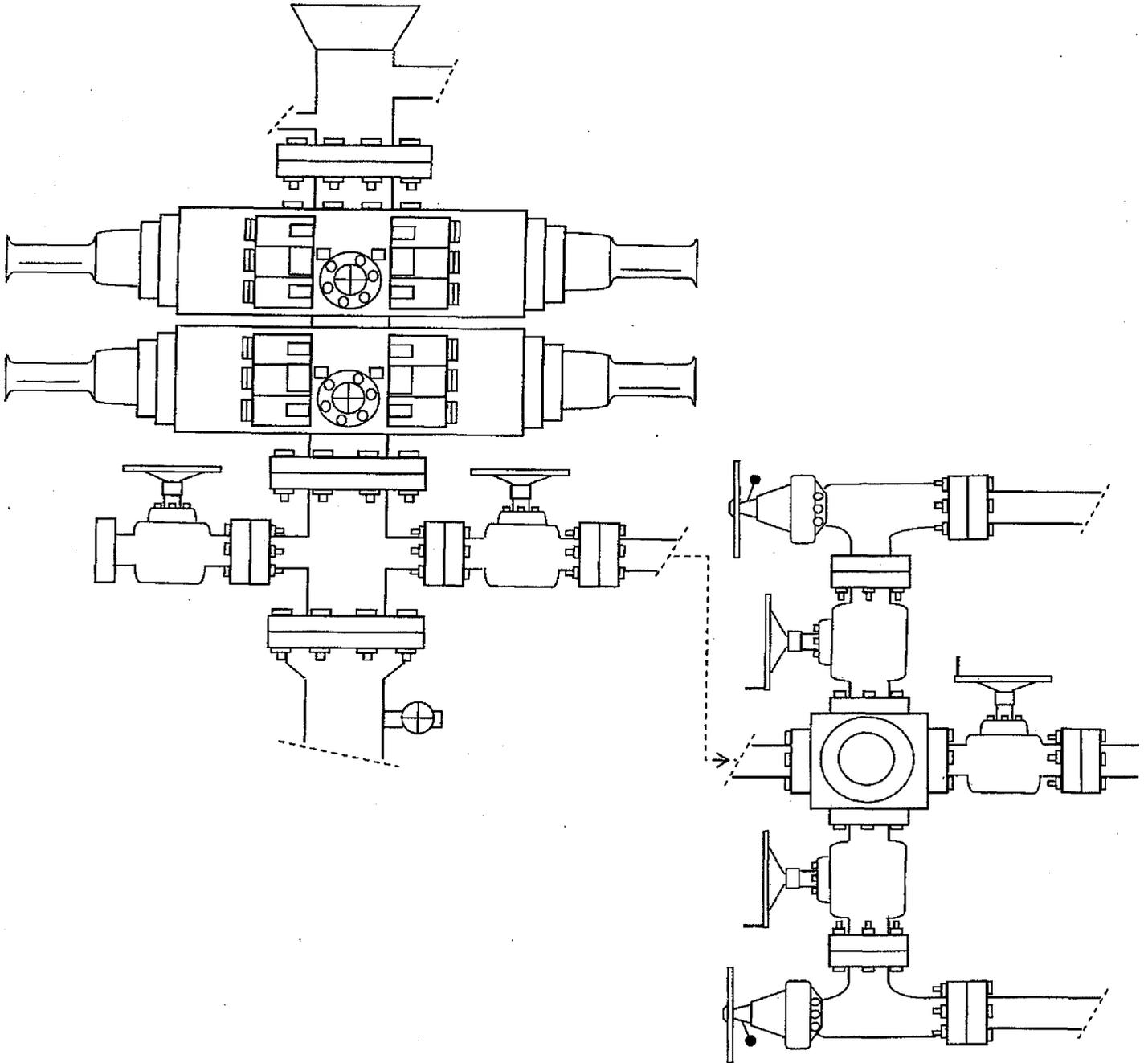


EXHIBIT C

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 04/25/2008

API NO. ASSIGNED: 43-013-33969

WELL NAME: FEDERAL 12-9-9-16
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWSW 09 090S 160E
 SURFACE: 1710 FSL 0443 FWL
 BOTTOM: 1710 FSL 0443 FWL
 COUNTY: DUCHESNE
 LATITUDE: 40.04283 LONGITUDE: -110.1316
 UTM SURF EASTINGS: 574085 NORTHINGS: 4432662
 FIELD NAME: MONUMENT BUTTE (105)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-85210
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

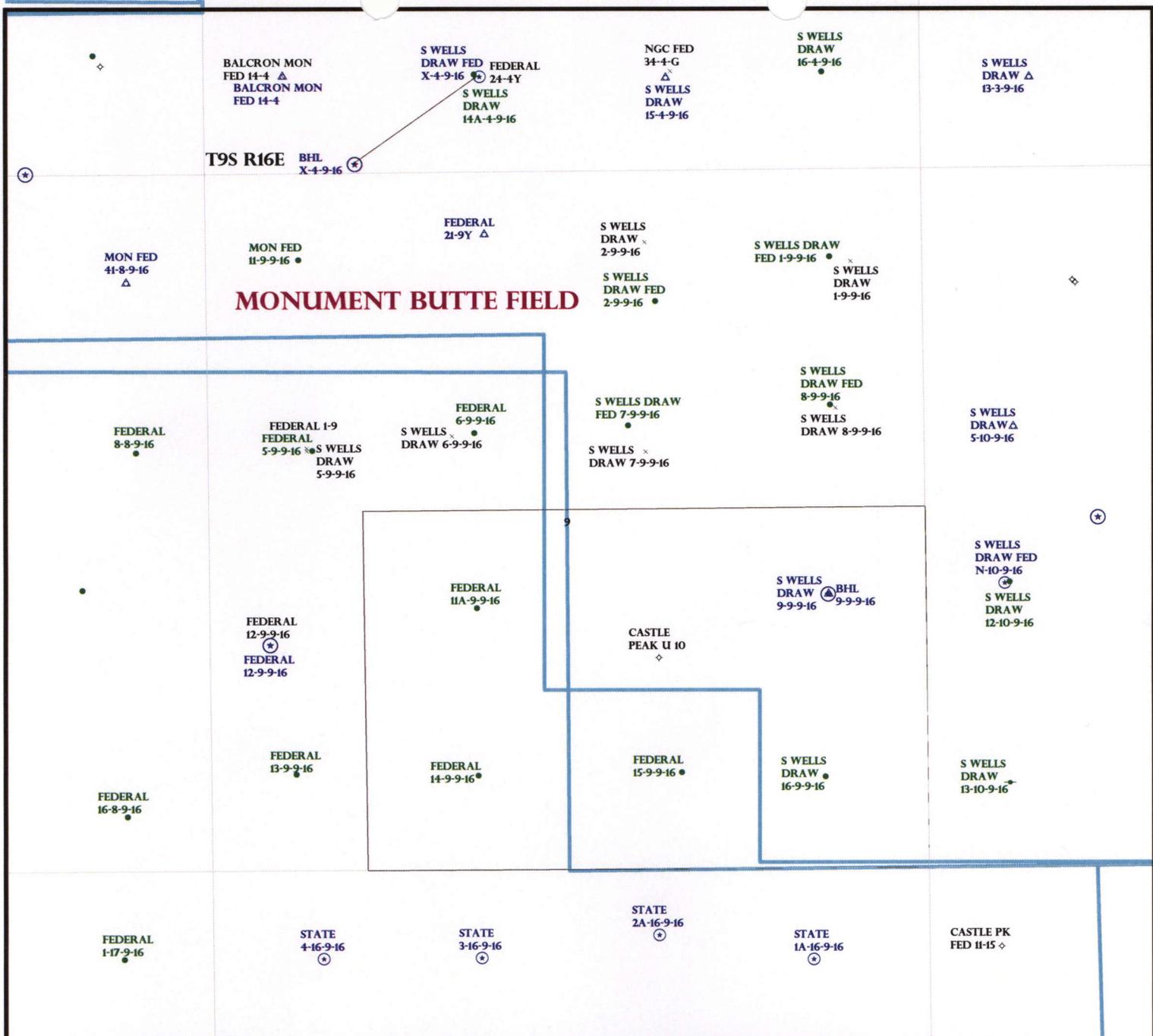
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. MUNICIPAL)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

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: Sop, Separate file

STIPULATIONS: 1- Federal Approval
2- Spacing Strip



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 9 T.9S R.16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

SPACING: R649-3-3 / EXCEPTION LOCATION



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



PREPARED BY: DIANA MASON
DATE: 28-APRIL-2008

<p>Field Status</p> <ul style="list-style-type: none"> ABANDONED ACTIVE COMBINED INACTIVE PROPOSED STORAGE TERMINATED 	<p>Unit Status</p> <ul style="list-style-type: none"> EXPLORATORY GAS STORAGE NF PP OIL NF SECONDARY PENDING PI OIL PP GAS PP GEOTHERML PP OIL SECONDARY TERMINATED
--	--



June 9, 2008

State of Utah, Division of Oil, Gas & Mining
ATTN: Diana Mason
PO Box 145801
Salt Lake City, UT 84114-5801

RE: Exception Location
Federal 12-9-9-16
T9S R16E, Section 9: NWSW
1710' FSL 443' FWL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to Rule 649-3-3 of the Oil & Gas Rules and Regulations of the State of Utah, Newfield Production Company ("NPC") hereby requests an exception location for the drilling of the captioned well. The proposed drillsite for this well is located 20' south and 74' west of the drilling window required by Rule R649-3-2, which 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 attached plat depicts the proposed location and illustrates the deviation from the drilling window. The requested location has been chosen due to issues with the terrain in the required drilling window.

Please note the drillsite is located on UTU-85210, which is owned 100% by NPC. However, the drillsite is only 443' east and 380' north of the lease line between UTU-85210 and UTU-64379, which is owned 50% by NPC and 50% by Yates Petroleum Corporation. Attached is a letter of consent to this exception location executed by Yates Petroleum Corporation.

If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at reveland@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland
Land Associate

Attachment

RECEIVED

JUN 11 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

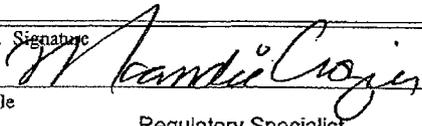
5. Lease Serial No. UTU-85210
6. If Indian, Allottee or Tribe Name N/A
7. If Unit or CA Agreement, Name and No. N/A
8. Lease Name and Well No. Federal 12-9-9-16
9. API Well No.
10. Field and Pool, or Exploratory Monument Butte
11. Sec., T., R., M., or Blk. and Survey or Area NW/SW Sec. 9, T9S R16E
12. County or Parish Duchesne
13. State UT

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		
2. Name of Operator Newfield Production Company		
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SW 1710' FSL 443' FWL At proposed prod. zone		
14. Distance in miles and direction from nearest town or post office* Approximatley 16.0 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. 390' #/lse, NA' #/unit	16. No. of Acres in lease 40.00	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. NA	19. Proposed Depth 6135'	20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5827' GL	22. Approximate date work will start* 3rd Quarter 2007	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:

- | | |
|--|---|
| <ul style="list-style-type: none"> 1. Well plat certified by a registered surveyor. 2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | <ul style="list-style-type: none"> 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). 5. Operator certification. 6. Such other site specific information and/or plans as may be required by the authorized officer. |
|--|---|

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 4/13/07
Title Regulatory Specialist		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

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

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

*(Instructions on reverse)

RECEIVED
JUN 11 2008
DIV. OF OIL, GAS & MINING

NEWFIELD



April 28, 2008

Yates Petroleum Corporation
ATTN: Cody Moore
105 S. 4th Street
Artesia, NM 88210

RE: Exception Location
Federal 12-9-9-16
Duchesne County, Utah

Dear Mr. Moore;

Please be advised Newfield Production Company has submitted an application for permit to drill for the following well:

Federal 12-9-9-16
UTU-85210
T9S R16E, Section 9: NWSW
1710' FSL 443' FWL
Duchesne County, Utah

This well is located outside of the drilling window as required by State of Utah R649-3-2 due to issues with the terrain. It is therefore only 443' East and 386' North of the lease line between UTU-85210 and UTU-64379. It is necessary to obtain your written concurrence with this exception location as a 50% working interest owner in U-64379, the lease this well will encroach on.

Enclosed you will find a plat showing the location of the above referenced well. If you are in agreement to this location, please verify your consent by signing and dating where indicated on page 2 of this letter and returning to my attention as soon as possible by fax to 303-893-0103 or email at reveland@newfield.com.

If you have any questions or need further information, please do not hesitate to contact me at 303-382-4444. I appreciate your prompt attention to this matter.

Sincerely,

Roxann Eveland
Land Associate

Enclosure

NEWFIELD



TO: Roxann Eveland
Newfield Production Company
303-893-0103 fax
reveland@newfield.com email

RE: Exception Location
Federal 12-9-9-16
UTU-85210
T9S R16E, Section 9: NWSW
1710' FSL 443' FWL
Duchesne County, Utah

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

YATES PETROLEUM CORPORATION

By:


Cody Moore, Associate Landman
Print Name and Title

Date:

5/22/08



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
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

June 11, 2008

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

Re: Federal 12-9-9-16 Well, 1710' FSL, 443' FWL, NW SW, Sec. 9, 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 43-013-33969.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Newfield Production Company

Well Name & Number Federal 12-9-9-16

API Number: 43-013-33969

Lease: UTU-85210

Location: NW SW **Sec.** 9 **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 Dustin Doucet at (801) 538-5281 (801) 733-0983 home

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.

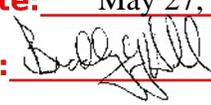
STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-85210
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FEDERAL 12-9-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013339690000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1710 FSL 0443 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 09 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 checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/26/2009	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Newfield Production Company requests to extend the APD for this well for one more year.

Approved by the
 Utah Division of
 Oil, Gas and Mining

Date: May 27, 2009
 By: 

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 5/26/2009	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013339690000

API: 43013339690000

Well Name: FEDERAL 12-9-9-16

Location: 1710 FSL 0443 FWL QTR NWSW SEC 09 TWP 090S RNG 160E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 6/11/2008

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 rightof- 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

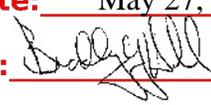
**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Mandie Crozier

Date: 5/26/2009

Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

Date: May 27, 2009

By: 

RECEIVED May 26, 2009

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-85210

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

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
FEDERAL 12-9-9-16

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301333969

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

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 1710 FSL 443 FWL
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSW, 9, T9S, R16E

COUNTY: DUCHESNE
STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>08/31/2009</u>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
The above subject well was completed on 08-31-09, attached is a daily completion status report.

RECEIVED
DEC 14 2009
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant

SIGNATURE  DATE 12/10/2009

(This space for State use only)

Daily Activity Report

Format For Sundry
FEDERAL 12-9-9-16
6/1/2009 To 10/30/2009

RECEIVED**DEC 14 2009**

DIV. OF OIL, GAS & MINING

8/14/2009 Day: 1**Completion**

Rigless on 8/14/2009 - Run CBL & shot 1st stage. - Install 5M frac head & Cameron BOP's. RU Hot Oiler truck & pressure test casing, blind rams, frac head, casing valves & BOP's to 4500 psi. RU Perforators LLC. WLT w/ mast & pack-off. Run CBL under pressure. WLTD @ 6019' & cement top @ 40'. Perforate CP4 sds @ 5906-12' w/ 3-1/8" Slick Guns (19 gram, .49"EH, 120°) w/ 3 spf for total of 24 shots. SIWFN w/ 144 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$11,818**8/21/2009 Day: 2****Completion**

Rigless on 8/21/2009 - Frac 4 stages. - RU The Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug @ 6', 5' perf guns. Set plug @ 4850'. Perforate D2 sds @ 4800-06' & D1 sds @ 4741-46' w/ 3 1/8" port plug gun (.36" EH, 11 gram, 120°, 16.82¢ pen., PPG-3111-301) w/ 3 spf for total of 33 shots. RU BJ Services. 115 psi on well. Could not break perfs. Attempt to flow well back w/ no success. SWIFN. 2371 BWTR. - RU BJ Services. 17 psi on well. Broke @ 3711 psi. ISIP @ 1263 psi, 1 min @ 1068 psi, 4 min @ 931 psi. FG @ .65. Frac CP4 sds w/ 15,001#'s of 20/40 sand in 310 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1948 psi w/ ave rate of 19.0 BPM. ISIP 1896 psi, 5 min @ 1801 psi, 10 min @ 1707 psi, 15 min @ 1657 psi. FG @ .75. Leave pressure on well. 454 BWTR. - RU The Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug @ 8' perf gun. Set plug @ 5050'. Perforate B1 sds @ 4974-82' w/ 3 1/8" port plug gun (.36" EH, 11 gram, 120°, 16.82¢ pen., PPG-3111-301) w/ 3 spf for total of 24 shots. RU BJ Services. 1323 psi on well. Broke @ 2650 psi. Pressure dropped below open pressure. Frac B1 sds w/ 50,899#'s of 20/40 sand in 462 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2302 psi w/ ave rate of 27.2 BPM. ISIP 2227 psi. FG @ .88. Leave pressure on well. 2371 BWTR. - RU The Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug @ 3', 3', 2', 3' perf guns. Set plug @ 5400'. Perforate LODC sds @ 5291-94' & A3 sds @ 5187-90', 5170-72' & 5159-62' w/ 3 1/8" port plug gun (.36" EH, 11 gram, 120°, 16.82¢ pen., PPG-3111-301) w/ 3 spf for total of 33 shots. RU BJ Services. 1302 psi on well. Broke @ 2700 psi. Pressure dropped below open pressure. Frac LODC/A3 sds w/ 116,748#'s of 20/40 sand in 857 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2643 psi w/ ave rate of 41.9 BPM. ISIP 2018 psi. FG @ .82. Leave pressure on well. 1909 BWTR. - RU The Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug @ 3', 6' perf guns. Set plug @ 5720'. Perforate CP1 sds @ 5645-48' & 5632-38' w/ 3 1/8" port plug gun (.36" EH, 11 gram, 120°, 16.82¢ pen., PPG-3111-301) w/ 3 spf for total of 27 shots. RU BJ Services. 1389 psi on well. Broke @ 3325 psi. Pressure dropped below open pressure. Frac CP1 sds w/ 71,037#'s of 20/40 sand in 598 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2017 psi w/ ave rate of 30.4 BPM. ISIP 2032 psi. FG @ .79. Leave pressure on well. 1052 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$38,204**8/25/2009 Day: 4****Completion**

WWS #3 on 8/25/2009 - Frac two remaining stages. Flowback well. RIH w/ tbg. Tag CBP @ 4300'. - MIRU Western #3. ND Cameron BOP. NU Schaeffer BOP. RIH w/ 2 7/8" notched collar

& new 2 7/8" tbg. from pipe racks (tallying & drifting). Tag @ 4730'. C/O to CBP @ 4850'. Circulate well clean. POOH w/ tbg. ND Schaeffer BOP. NU Cameron BOP. SWIFN. 2371 BWTR. - MIRU Western #3. ND Cameron BOP. NU Schaeffer BOP. RIH w/ 2 7/8" notched collar & new 2 7/8" tbg. from pipe racks (tallying & drifting). Tag @ 4730'. C/O to CBP @ 4850'. Circulate well clean. POOH w/ tbg. ND Schaeffer BOP. NU Cameron BOP. SWIFN. 2371 BWTR. - RU BJ Services. 0 psi on well. Broke @ 3207 psi. ISIP @ 649 psi, 1 min @ 72 psi, 4 min @ 0 psi. FG @ .57. Frac D1/D2 sds w/ 136,468#'s of 20/40 sand in 992 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2936 psi w/ ave rate of 41.9 BPM. ISIP 2208 psi, 5 min @ 2101 psi, 10 min @ 2000 psi, 15 min @ 1924 psi. FG @ .90. Leave pressure on well. 3363 BWTR. - RU The Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug @ 5', 3' perf guns. Set plug @ 4300'. Perforate GB4 sds @ 4224-29' & GB2 sds @ 4080-83' w/ 3 1/8" slick gun (.36" EH, 11 gram, 120°, 16.82¢ pen., PPG-3111-301) w/ 3 spf for total of 24 shots. RU BJ Services. 975 psi on well. Broke @ 2023 psi. ISIP @ 1418 psi, 1 min @ 1157 psi, 4 min @ 1039 psi. FG @ .78. Frac GB2/GB4 sds w/ 43,808#'s of 20/40 sand in 424 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2874 psi w/ ave rate of 35.2 BPM. ISIP 1721 psi, 5 min @ 1336 psi, 10 min @ 1261 psi, 15 min @ 1228 psi. FG @ .85. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 2 hrs & died. Recovered 200 bbls. ND Cameron BOP & 5m frac head. NU 3m production head & Schaeffer BOP. RIH w/ 4 3/4" chomp bit, bit sub & 2 7/8" tbg. Tag CBP @ 4300'. SWIFN. - RU The Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug @ 5', 3' perf guns. Set plug @ 4300'. Perforate GB4 sds @ 4224-29' & GB2 sds @ 4080-83' w/ 3 1/8" slick gun (.36" EH, 11 gram, 120°, 16.82¢ pen., PPG-3111-301) w/ 3 spf for total of 24 shots. RU BJ Services. 975 psi on well. Broke @ 2023 psi. ISIP @ 1418 psi, 1 min @ 1157 psi, 4 min @ 1039 psi. FG @ .78. Frac GB2/GB4 sds w/ 43,808#'s of 20/40 sand in 424 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2874 psi w/ ave rate of 35.2 BPM. ISIP 1721 psi, 5 min @ 1336 psi, 10 min @ 1261 psi, 15 min @ 1228 psi. FG @ .85. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 2 hrs & died. Recovered 200 bbls. ND Cameron BOP & 5m frac head. NU 3m production head & Schaeffer BOP. RIH w/ 4 3/4" chomp bit, bit sub & 2 7/8" tbg. Tag CBP @ 4300'. SWIFN. - RU BJ Services. 0 psi on well. Broke @ 3207 psi. ISIP @ 649 psi, 1 min @ 72 psi, 4 min @ 0 psi. FG @ .57. Frac D1/D2 sds w/ 136,468#'s of 20/40 sand in 992 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2936 psi w/ ave rate of 41.9 BPM. ISIP 2208 psi, 5 min @ 2101 psi, 10 min @ 2000 psi, 15 min @ 1924 psi. FG @ .90. Leave pressure on well. 3363 BWTR.

Daily Cost: \$0

Cumulative Cost: \$188,914

8/27/2009 Day: 5

Completion

WWS #3 on 8/27/2009 - DU CBPs. - Cont. RIH w/ tbg. Tag CBP @ 4300'. RU powrswivel & pump. DU CBP in 25 min. Cont. RIH w/ tbg. Tag fill @ 4699'. C/O to CBP @ 4850'. DU CBP in 20 min. Cont. RIH w/ tbg. Tag fill @ 4949'. C/O to CBP @ 5050'. DU CBP in 23 min. Cont. RIH w/ tbg. Tag fill @ 5115'. C/O to 5367'. Circulate well clean. SWFIN. 3777 BWTR.

Daily Cost: \$0

Cumulative Cost: \$200,884

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DEC 14 2009

8/28/2009 Day: 6

DIV. OF OIL, GAS & MINING

Completion

WWS #3 on 8/28/2009 - DU CBP. C/O to PBSD @ 6051'. Swab for cleanup. POOH w/ tbg. to 2637'. SWIFN. 3575 BWTR. - Cont. RIH w/ tbg. Tag fill @ 5367'. C/O to CBP @ 5400'. DU CBP in 25 min. Cont. RIH w/ tbg. Tag fill @ 5568'. C/O to CBP @ 5720'. DU CBP in 35 min. Cont. RIH w/ tbg. Tag fill @ 5958'. C/O to PBSD @ 6051'. Circulate well clean. RD powerswivel. Pull up to 5996'. RU swab. SFL @ surface. Made 14 runs. Recovered 135 bbls. Trace of oil. No show of sand. FFL @ 1500'. RD swab. RIH w/ tbg. Tag PBSD @ 6051'. Circulate well clean. POOH w/ tbg. to 2637'. SWIFN. 3575 BWTR.

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Daily Cost: \$0**Cumulative Cost:** \$208,111**8/31/2009 Day: 7****Completion**

WWS #3 on 8/31/2009 - POOH w/ tbg. RIH w/ production string. RIH w/ rod string. Put well on production @ 3:00 p.m. 5 spm, 120" stroke length. 3590 BWTR. Final Report. - Cont. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC & 186 jts 2 7/8" tbg. ND BOP. Set TAC @ 5875' w/ 19,000# tension. NU wellhead. X-over for rods. Flush tbg. w/ 60 bbls water. RIH w/ Central Hydraulic 2 1/2" x 1 1/2" x 16' x 20' RHAC rod pump, 6- 1 1/2" weight bars, 20- 3/4" guided rods, 109- 3/4" plain rods, 101- 3/4" guided rods, 1- 4', 2' x 3/4" pony subs, 1 1/2" x 26' polished rod. Seat pump. RU pumping unit. Hang off rods. Fill tbg. w/ 3 bbls water. Stroke test to 800 psi. Good pump action. RD. Put well on production @ 3:00 p.m. 5 spm, 120" stroke length. Final Report. 3590 BWTR. - **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$234,656**10/28/2009 Day: 3****Tubing Leak**

NC #3 on 10/28/2009 - Check for pump action. TOH w/ rods & TIH w/ new pump. - MIRUSU. Pump 60 bbls water down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250°. Softseat & pressure test tbg to 3000 psi. No luck. Unseat rod pump. TOH w/ 101- 3/4 guided rods, 109- 3/4 plain rods, 20- 3/4 guided rods, 6- 1 1/2 wt bars, rod pump. Pump 10 bbls water down tbg & drop std valve. Attempt to pressure test tbg. No luck. X- over to tbg eq. ND wellhead. PU on tbg string & tighten tbg w/ tongs. Attempt to pressure test tbg. No luck. Release TA. NU BOP. RU rig floor. PU TIH w/ 2- jts 2 7/8. Tag fill @ 6014'. (37' new fill). LD 2- jts 2 7/8. TOH w/ 186- jts 2 7/8, TA, 1- jt 2 7/8, SN, 2- jts 2 7/8, NC. Found perf wear hole in jt # 151. Used 30 bbls water to keep tbg clean. LD & replace jts 150, 151. PU TIH w/ bailer assembly & 189- jts 2 7/8. Bail out fill to PBD @ 6051'. TOH w/ 60- jts 2 7/8. SDFD. - Pump 20 bbls water down tbg & csg @ 250°. Cont TOH w/ 2 7/8 tbg & bailer assembly. Empty tail jts & clean rig eq. PU TIH w/ NC, 2- jts 2 7/8, SN, 1- jt 2 7/8, TA, 185- jts 2 7/8. Used 45 bbls water to keep tbg clean. Pressure test tbg to 3000 psi w/ 15 bbls water. Good test. RU sandline to retrieve std valve. RD sandline. RD rig floor. ND BOP. Attempt to set TA. No luck. Pump 30 bbls water down tbg @ 250°. Set TA w/ 18000 tension. NU wellhead. X- over to rod eq. PU TIH w/ 2 1/2 x 1 1/2 x 16 x 20 RHAC, 6- 1 1/2 wt bars, 20- 3/4 guided rods, 109- 3/4 plain rods, 100- 3/4 guided rods, 1 1/2 x 26' polish rod. RU pumping unit. Fill tbg w/ 20 bbls water. Stroke test rod pump to 800 psi. Good test. SDFD. - Check for pump action on tbg. No pump action. Pump 60 bbls water down csg @ 250°. Still no pump action. W/ rig long stroke rod pump. Still no pump action. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250°. Softseat & pressure test tbg to 3000 psi w/ 10 bbls water. Good test. Unseat rod pump. TOH w/ 100- 3/4 guided rods, 109- 3/4 plain rods, 20- 3/4 guided rods, 6- 1 1/2 wt bars, rod pump. Pump would not pump on surface. PU TIH w/ 2 1/2 x 1 1/2 x 16 x 20 RHAC, 6- 1 1/2 wt bars, 20- 3/4 guided rods, 109- 3/4 plain rods, 100- 3/4 guided rods, 1 1/2 x 26' polish rod. RU pumping unit. Fill tbg w/ 10 bbls water. Stroke test rod pump to 800 psi. Good test. RDMOSU. POP @ 3:00 W/ 120" SL @ 5 SPM FINAL REPORT!! - MIRUSU. Pump 60 bbls water down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250°. Softseat & pressure test tbg to 3000 psi. No luck. Unseat rod pump. TOH w/ 101- 3/4 guided rods, 109- 3/4 plain rods, 20- 3/4 guided rods, 6- 1 1/2 wt bars, rod pump. Pump 10 bbls water down tbg & drop std valve. Attempt to pressure test tbg. No luck. X- over to tbg eq. ND wellhead. PU on tbg string & tighten tbg w/ tongs. Attempt to pressure test tbg. No luck. Release TA. NU BOP. RU rig floor. PU TIH w/ 2- jts 2 7/8. Tag fill @ 6014'. (37' new fill). LD 2- jts 2 7/8. TOH w/ 186- jts 2 7/8, TA, 1- jt 2 7/8, SN, 2- jts 2 7/8, NC. Found perf wear hole in jt # 151. Used 30 bbls water to keep tbg clean. LD & replace

jts 150, 151. PU TIH w/ bailer assembly & 189- jts 2 7/8. Bail out fill to PBSD @ 6051'. TOH w/ 60- jts 2 7/8. SDFD. - Check for pump action on tbg. No pump action. Pump 60 bbls water down csg @ 250°. Still no pump action. W/ rig long stroke rod pump. Still no pump action. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250°. Softseat & pressure test tbg to 3000 psi w/ 10 bbls water. Good test. Unseat rod pump. TOH w/ 100- 3/4 guided rods, 109- 3/4 plain rods, 20- 3/4 guided rods, 6- 1 1/2 wt bars, rod pump. Pump would not pump on surface. PU TIH w/ 2 1/2 x 1 1/2 x 16 x 20 RHAC, 6- 1 1/2 wt bars, 20- 3/4 guided rods, 109- 3/4 plain rods, 100- 3/4 guided rods, 1 1/2 x 26' polish rod. RU pumping unit. Fill tbg w/ 10 bbls water. Stroke test rod pump to 800 psi. Good test. RDMOSU. POP @ 3:00 W/ 120" SL @ 5 SPM FINAL REPORT!! - Check for pump action on tbg. No pump action. Pump 60 bbls water down csg @ 250°. Still no pump action. W/ rig long stroke rod pump. Still no pump action. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250°. Softseat & pressure test tbg to 3000 psi w/ 10 bbls water. Good test. Unseat rod pump. TOH w/ 100- 3/4 guided rods, 109- 3/4 plain rods, 20- 3/4 guided rods, 6- 1 1/2 wt bars, rod pump. Pump would not pump on surface. PU TIH w/ 2 1/2 x 1 1/2 x 16 x 20 RHAC, 6- 1 1/2 wt bars, 20- 3/4 guided rods, 109- 3/4 plain rods, 100- 3/4 guided rods, 1 1/2 x 26' polish rod. RU pumping unit. Fill tbg w/ 10 bbls water. Stroke test rod pump to 800 psi. Good test. RDMOSU. POP @ 3:00 W/ 120" SL @ 5 SPM FINAL REPORT!! - MIRUSU. Pump 60 bbls water down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250°. Softseat & pressure test tbg to 3000 psi. No luck. Unseat rod pump. TOH w/ 101- 3/4 guided rods, 109- 3/4 plain rods, 20- 3/4 guided rods, 6- 1 1/2 wt bars, rod pump. Pump 10 bbls water down tbg & drop std valve. Attempt to pressure test tbg. No luck. X- over to tbg eq. ND wellhead. PU on tbg string & tighten tbg w/ tongs. Attempt to pressure test tbg. No luck. Release TA. NU BOP. RU rig floor. PU TIH w/ 2- jts 2 7/8. Tag fill @ 6014'. (37' new fill). LD 2- jts 2 7/8. TOH w/ 186- jts 2 7/8, TA, 1- jt 2 7/8, SN, 2- jts 2 7/8, NC. Found perf wear hole in jt # 151. Used 30 bbls water to keep tbg clean. LD & replace jts 150, 151. PU TIH w/ bailer assembly & 189- jts 2 7/8. Bail out fill to PBSD @ 6051'. TOH w/ 60- jts 2 7/8. SDFD. - Pump 20 bbls water down tbg & csg @ 250°. Cont TOH w/ 2 7/8 tbg & bailer assembly. Empty tail jts & clean rig eq. PU TIH w/ NC, 2- jts 2 7/8, SN, 1- jt 2 7/8, TA, 185- jts 2 7/8. Used 45 bbls water to keep tbg clean. Pressure test tbg to 3000 psi w/ 15 bbls water. Good test. RU sandline to retrieve std valve. RD sandline. RD rig floor. ND BOP. Attempt to set TA. No luck. Pump 30 bbls water down tbg @ 250°. Set TA w/ 18000 tension. NU wellhead. X- over to rod eq. PU TIH w/ 2 1/2 x 1 1/2 x 16 x 20 RHAC, 6- 1 1/2 wt bars, 20- 3/4 guided rods, 109- 3/4 plain rods, 100- 3/4 guided rods, 1 1/2 x 26' polish rod. RU pumping unit. Fill tbg w/ 20 bbls water. Stroke test rod pump to 800 psi. Good test. SDFD. - Pump 20 bbls water down tbg & csg @ 250°. Cont TOH w/ 2 7/8 tbg & bailer assembly. Empty tail jts & clean rig eq. PU TIH w/ NC, 2- jts 2 7/8, SN, 1- jt 2 7/8, TA, 185- jts 2 7/8. Used 45 bbls water to keep tbg clean. Pressure test tbg to 3000 psi w/ 15 bbls water. Good test. RU sandline to retrieve std valve. RD sandline. RD rig floor. ND BOP. Attempt to set TA. No luck. Pump 30 bbls water down tbg @ 250°. Set TA w/ 18000 tension. NU wellhead. X- over to rod eq. PU TIH w/ 2 1/2 x 1 1/2 x 16 x 20 RHAC, 6- 1 1/2 wt bars, 20- 3/4 guided rods, 109- 3/4 plain rods, 100- 3/4 guided rods, 1 1/2 x 26' polish rod. RU pumping unit. Fill tbg w/ 20 bbls water. Stroke test rod pump to 800 psi. Good test. SDFD.

Finalized**Daily Cost:** \$0**Cumulative Cost:** \$23,149

Pertinent Files: [Go to File List](#)
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DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU-85210

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resrv.,
 Other: _____

6. If Indian, Allottee or Tribe Name

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

7. Unit or CA Agreement Name and No.
GMBU

3. Address
1401 17TH ST. SUITE 1000 DENVER, CO 80202

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

8. Lease Name and Well No.
FEDERAL 12-9-9-16

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 1710' FSL & 443' FWL (NW/SW) SEC. 9, T9S, R16E

9. AFI Well No.
43-013-33969

10. Field and Pool or Exploratory
MONUMENT BUTTE

11. Sec., T., R., M., on Block and
Survey or Area
SEC. 9, T9S, R16E

At top prod. interval reported below

At total depth

12. County or Parish
DUCHESNE

13. State
UT

14. Date Spudded
07/26/2009

15. Date T.D. Reached
08/02/2009

16. Date Completed 08/28/2009
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5827' GL 5839' KB

18. Total Depth: MD 6100'
TVD

19. Plug Back T.D.: MD 6051'
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
 DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit report)
 Directional Survey? No Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	312'		210 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6093'		265 PRIMLITE		40'	
						400 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 5973'	TA @ 5876'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER			See Below			
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
See Below	See Below

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
See Below	See Below

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
8-31-09	9-15-09	24	→	171	183	9			2-1/2" x 1-1/2" x 16' x 20' RHAC Pump

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					PRODUCING

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

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JAN 28 2010

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

SOLD & USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

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.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3706' 3921'
				GARDEN GULCH 2 POINT 3	4031' 4287'
				X MRKR Y MRKR	4553' 4587'
				DOUGALS CREEK MRK BI CARBONATE MRK	4703' 4944'
				B LIMESTON MRK CASTLE PEAK	5056' 5575'
				BASAL CARBONATE	3025'

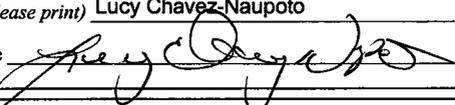
32. Additional remarks (include plugging procedure):

Stage 1: Green River Formation (CP4) 5906-12', .49" 3/18 Frac w/ 15001#'s of 20/40 sand in 125 bbls of Lightning 17 fluid
 Stage 2: Green River Formation (CP1) 5632-38', 5645-48', .36" 3/27 Frac w/ 71037#'s of 20/40 sand in 426 bbls of Lightning 17 fluid
 Stage 3: Green River Formation (A3 & LODC) 5159-90', 5291-94', .36" 3/33 Frac w/ 116748#'s of 20/40 sand in 700 bbls of Lightning 17 fluid
 Stage 4: Green River Formation (B1) 4974-82' .36" 3/24 Frac w/ 50899#'s of 20/40 sand in 307 bbls of Lightning 17 fluid
 Stage 5: Green River Formation (D1 & D2) 4741-46', 4800-06', .36" 3/33 Frac w/ 136468#'s of 20/40 sand in 834 bbls of Lightning 17 fluid
 Stage 6: Green River Formation (GB4 & GB2) 4224-29', 4080-83', .36" 3/24 Frac w/ 43808#'s of 20/40 sand in 291 bbls of Lightning 17 fluid

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)
 Geologic Report
 DST Report
 Directional Survey
 Sundry Notice for plugging and cement verification
 Core Analysis
 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Lucy Chavez-Naupoto Title Administrative Assistant
 Signature  Date 01/25/2010

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.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-85210
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 12-9-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013339690000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1710 FSL 0443 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 09 Township: 09.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/17/2013	<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 07/16/2013. On 07/17/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/17/2013 the casing was pressured up to 1360 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was a State representative available to witness the test - Chris Jensen.

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

Date: August 26, 2013
By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 7/23/2013	

Casing or Annulus Pressure Test

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

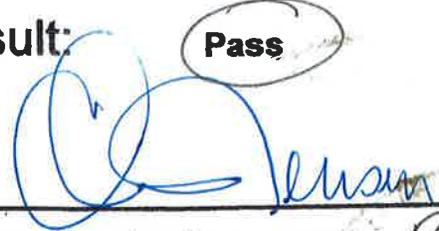
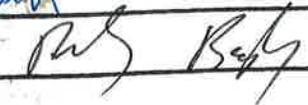
Witness:  Date 7/17/13 Time 12:45 am pm
Test Conducted by: Rick Bely
Others Present: Jonny Daniels

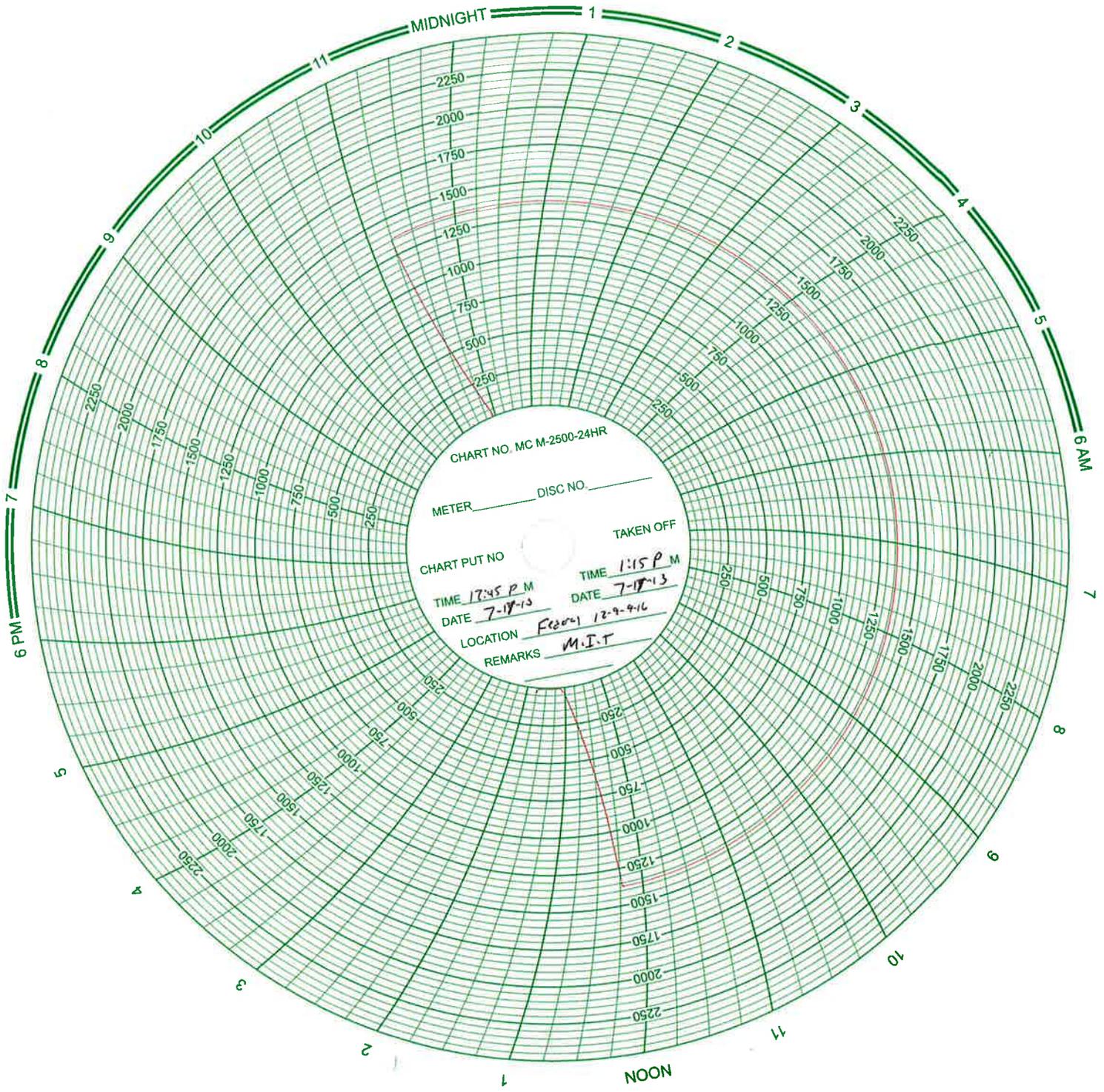
Well: Federal 12-9-9-16 Field: Monument + Butte
Well Location: Federal 12-9-9-16 API No: 4301333969

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1360</u>	psig
5	<u>1360</u>	psig
10	<u>1360</u>	psig
15	<u>1360</u>	psig
20	<u>1360</u>	psig
25	<u>1360</u>	psig
30 min	<u>1360</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 400 psig

Result: Pass Fail

Signature of Witness: 
Signature of Person Conducting Test: 



Daily Activity Report**Format For Sundry****FEDERAL 12-9-9-16****5/1/2013 To 9/30/2013****7/15/2013 Day: 1****Conversion**

Nabors #1108 on 7/15/2013 - spot rig, RU rig. Unhang rods and horse head. Pump 60 BBLS down CSN with hot oil truck, unseat pump and flush rods with 40 bbls - spot rig, RU rig. Unhang rods and horse head. Pump 60 BBLS down CSN with hot oil truck, unseat pump and flush rods with 40 bbls water soft seat pump and load tbg with 20 bbls water PT tbg to 3000psi. Good test. POOH with rods laying down on trailer. RD flow line ND WH release TAC, NU BOP RU works floor SWIFN. - spot rig, RU rig. Unhang rods and horse head. Pump 60 BBLS down CSN with hot oil truck, unseat pump and flush rods with 40 bbls water soft seat pump and load tbg with 20 bbls water PT tbg to 3000psi. Good test. POOH with rods laying down on trailer. RD flow line ND WH release TAC, NU BOP RU works floor SWIFN. - spot rig, RU rig. Unhang rods and horse head. Pump 60 BBLS down CSN with hot oil truck, unseat pump and flush rods with 40 bbls water soft seat pump and load tbg with 20 bbls water PT tbg to 3000psi. Good test. POOH with rods laying down on trailer. RD flow line ND WH release TAC, NU BOP RU works floor SWIFN. - spot rig, RU rig. Unhang rods and horse head. Pump 60 BBLS down CSN with hot oil truck, unseat pump and flush rods with 40 bbls water soft seat pump and load tbg with 20 bbls water PT tbg to 3000psi. Good test. POOH with rods laying down on trailer. RD flow line ND WH release TAC, NU BOP RU works floor SWIFN. **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$11,079

7/16/2013 Day: 2**Conversion**

Nabors #1108 on 7/16/2013 - check pressure, TBG 10 Psi. CSG 460psi BD well and open bop. POOH With TBG Breaking every Connection and cleaning and inspecting all threads - check pressure, TBG 10 Psi. CSG 460psi BD well and open bop. POOH With TBG Breaking every Connection and cleaning and inspecting all threads, applying liquid o ring doping and retorquing to spec. LD excess 57 JNTS TBG on trailer. MOVE TBG trailer out of way PU MU Packer BHA. TIH With BHA And TBG detail as follows: 2 3/8 collar, 2 3/8 XN, 2 3/8X 4' TBG Sub 2 3/8x 2 7/8 XO, 2 7/8 x 5.5 packer, 2 7/8 on/off tool, 2 7/8 PSN 128 jnts tbg - check pressure, TBG 10 Psi. CSG 460psi BD well and open bop. POOH With TBG Breaking every Connection and cleaning and inspecting all threads, applying liquid o ring doping and retorquing to spec. LD excess 57 JNTS TBG on trailer. MOVE TBG trailer out of way PU MU Packer BHA. TIH With BHA And TBG detail as follows: 2 3/8 collar, 2 3/8 XN, 2 3/8X 4' TBG Sub 2 3/8x 2 7/8 XO, 2 7/8 x 5.5 packer, 2 7/8 on/off tool, 2 7/8 PSN 128 jnts tbg - check pressure, TBG 10 Psi. CSG 460psi BD well and open bop. POOH With TBG Breaking every Connection and cleaning and inspecting all threads, applying liquid o ring doping and retorquing to spec. LD excess 57 JNTS TBG on trailer. MOVE TBG trailer out of way PU MU Packer BHA. TIH With BHA And TBG detail as follows: 2 3/8 collar, 2 3/8 XN, 2 3/8X 4' TBG Sub 2 3/8x 2 7/8 XO, 2 7/8 x 5.5 packer, 2 7/8 on/off tool, 2 7/8 PSN 128 jnts tbg - check

pressure, TBG 10 Psi. CSG 460psi BD well and open bop. POOH With TBG Breaking every Connection and cleaning and inspecting all threads, applying liquid o ring doping and retorquing to spec. LD excess 57 JNTS TBG on trailer. MOVE TBG trailer out of way PU MU Packer BHA. TIH With BHA And TBG detail as follows: 2 3/8 collar, 2 3/8 XN, 2 3/8X 4' TBG Sub 2 3/8x 2 7/8 XO, 2 7/8 x 5.5 packer, 2 7/8 on/off tool, 2 7/8 PSN 128 jnts tbg

Daily Cost: \$0

Cumulative Cost: \$18,454

7/17/2013 Day: 3**Conversion**

Nabors #1108 on 7/17/2013 - check pressure, tbg and csg 350 psi BD well and open BOP. Pump pad and drop SV pump Sv to PSn and pressuer test to 3000 psi for 30 minutes good test - check pressure, tbg and csg 350 psi BD well and open BOP. Pump pad and drop SV pump Sv to PSn and pressuer test to 3000 psi for 30 minutes good test. RU sand line and fishing tools TIH with sand line and Fish SV POOH with sandline and RD fishing tools rig down floor ND BOP land TBG RU hot oiler . Pump 50 BBLS packer fluid ND WH, set packer in 15K tension NU WH. Load CGS and PT csg to 1400psi for 30 minutes had to bump up, bleed off and retest numerous times good test. RD rig rack out winch truck and tools, prep rig to road to next location. - check pressure, tbg and csg 350 psi BD well and open BOP. Pump pad and drop SV pump Sv to PSn and pressuer test to 3000 psi for 30 minutes good test. RU sand line and fishing tools TIH with sand line and Fish SV POOH with sandline and RD fishing tools rig down floor ND BOP land TBG RU hot oiler . Pump 50 BBLS packer fluid ND WH, set packer in 15K tension NU WH. Load CGS and PT csg to 1400psi for 30 minutes had to bump up, bleed off and retest numerous times good test. RD rig rack out winch truck and tools, prep rig to road to next location. - check pressure, tbg and csg 350 psi BD well and open BOP. Pump pad and drop SV pump Sv to PSn and pressuer test to 3000 psi for 30 minutes good test. RU sand line and fishing tools TIH with sand line and Fish SV POOH with sandline and RD fishing tools rig down floor ND BOP land TBG RU hot oiler . Pump 50 BBLS packer fluid ND WH, set packer in 15K tension NU WH. Load CGS and PT csg to 1400psi for 30 minutes had to bump up, bleed off and retest numerous times good test. RD rig rack out winch truck and tools, prep rig to road to next location. - check pressure, tbg and csg 350 psi BD well and open BOP. Pump pad and drop SV pump Sv to PSn and pressuer test to 3000 psi for 30 minutes good test. RU sand line and fishing tools TIH with sand line and Fish SV POOH with sandline and RD fishing tools rig down floor ND BOP land TBG RU hot oiler . Pump 50 BBLS packer fluid ND WH, set packer in 15K tension NU WH. Load CGS and PT csg to 1400psi for 30 minutes had to bump up, bleed off and retest numerous times good test. RD rig rack out winch truck and tools, prep rig to road to next location. - check pressure, tbg and csg 350 psi BD well and open BOP. Pump pad and drop SV pump Sv to PSn and pressuer test to 3000 psi for 30 minutes good test. RU sand line and fishing tools TIH with sand line and Fish SV POOH with sandline and RD fishing tools rig down floor ND BOP land TBG RU hot oiler . Pump 50 BBLS packer fluid ND WH, set packer in 15K tension NU WH. Load CGS and PT csg to 1400psi for 30 minutes had to bump up, bleed off and retest numerous times good test. RD rig rack out winch truck and tools, prep rig to road to next location. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$25,334

7/22/2013 Day: 4**Conversion**

Rigless on 7/22/2013 - Condcut initial MIT - On 07/17/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/17/2013 the casing was pressured up to 1360 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 07/17/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial

MIT on the above listed well. On 07/17/2013 the casing was pressured up to 1360 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 07/17/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/17/2013 the casing was pressured up to 1360 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 07/17/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/17/2013 the casing was pressured up to 1360 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 07/17/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/17/2013 the casing was pressured up to 1360 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was a State representative available to witness the test - Chris Jensen. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$57,546

Pertinent Files: Go to File List

Spud Date: 07/26/2009
 Put on Production: 08/28/2009
 GL: 5827' KB: 5839'

Federal 12-9-9-16

Injection Wellbore Diagram

SURFACE CASING

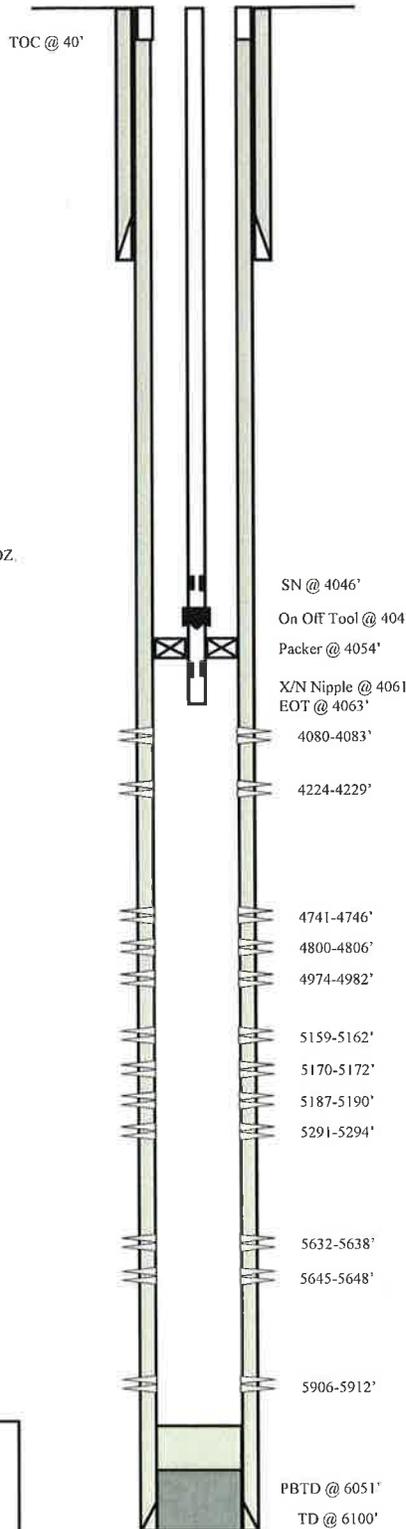
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (300')
 DEPTH LANDED: 312'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 210 sxs Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 155 jts (6039')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 6093.01'
 CEMENT DATA: 265 sk Prem, Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 40'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 128 jts (4033 6')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4045.6' KB
 ON/OFF TOOL AT: 4046.7'
 ARROW #1 PACKER CE AT: 4053.6'
 XO 2-3/8 x 2-7/8 J-55 AT: 4056.6'
 TBG PUP 2-3/8 J-55 AT: 4057.1'
 X/N NIPPLE AT: 4061.2'
 TOTAL STRING LENGTH: EOT @ 4062.78'



FRAC JOB

- 08-31-09 5906 - 5912' **Frac CP4 sands as follows:** Frac with 15001# 20/40 sand in 125 bbls Lightning 17 fluid.
- 08-31-09 5632 - 5648' **Frac CP1 sands as follows:** Frac with 71037# 20/40 sand in 426 bbls Lightning 17 fluid.
- 08-31-09 5159 - 5294' **Frac A3 & LODC sands as follows:** Frac with 116748# 20/40 sand in 700 bbls Lightning 17 fluid.
- 08-31-09 4974 - 4982' **Frac B1 sands as follows:** Frac with 50899# 20/40 sand in 307 bbls Lightning 17 fluid.
- 08-31-09 4741 - 4806' **Frac D1 & D2 sands as follows:** Frac with 136468# 20/40 sand in 834 bbls Lightning 17 fluid.
- 08-31-09 4080 - 4229' **Frac GB4 & GB2 sands as follows:** Frac with 43808# 20/40 sand in 291 bbls Lightning 17 fluid.
- 10-28-09 **Tubing Leak.** Updated rod & tubing details.
- 10-09-10 **Pump Change.** Rod & tubing updated.
- 5/26/11 **Tubing Leak.** Updated rod and tubing detail.
- 07/16/13 **Conversion to Injection Well**
- 07/17/13 **Conversion MIT Finalized** -- update tbg detail

PERFORATION RECORD

5906 - 5912'	3 JSPF	18 holes
5645 - 5648'	3 JSPF	9 holes
5632 - 5638'	3 JSPF	18 holes
5291 - 5294'	3 JSPF	9 holes
5187 - 5190'	3 JSPF	9 holes
5170 - 5172'	3 JSPF	6 holes
5159 - 5162'	3 JSPF	9 holes
4974 - 4982'	3 JSPF	24 holes
4800 - 4806'	3 JSPF	18 holes
4741 - 4746'	3 JSPF	15 holes
4224 - 4229'	3 JSPF	15 holes
4080 - 4083'	3 JSPF	9 holes

NEWFIELD

Federal 12-9-9-16

1710' FSL & 443' FWL NW/SW
 Section 9-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33969; Lease #UTU-85210

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-85210
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 12-9-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1710 FSL 0443 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 09 Township: 09.0S Range: 16.0E Meridian: S	9. API NUMBER: 43013339690000
	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: 9/5/2013	<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 10:00 AM on 09/05/2013.

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

Date: October 17, 2013

By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/6/2013	

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-85210
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 12-9-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1710 FSL 0443 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 09 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013339690000
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE		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"/> 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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/5/2013	<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"/>
<input type="checkbox"/> SPUD REPORT Date of Spud:	12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.	
<input type="checkbox"/> DRILLING REPORT Report Date:	The above reference well was put on injection at 10:00 AM on 09/05/2013.	
		Accepted by the Utah Division of Oil, Gas and Mining
		Date: October 17, 2013
		By: 
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/6/2013	



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

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-406

Operator: Newfield Production Company
Well: Federal 12-9-9-16
Location: Section 9, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-33969
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on May 13, 2013.
2. Maximum Allowable Injection Pressure: 1,695 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,031' – 6,051')
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

9/4/2013
Date

JR/MLR/js

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

N:\O&G Reviewed Docs\ChronFile\UIC
1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114 -5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • www.ogm.utah.gov



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-85210
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 12-9-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013339690000
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: 1710 FSL 0443 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 09 Township: 09.0S Range: 16.0E Meridian: S		COUNTY: DUCHESSNE 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: 7/17/2013 <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 07/16/2013. On 07/17/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/17/2013 the casing was pressured up to 1360 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was a State representative available to witness the test - Chris Jensen.

Accepted by the Utah Division of Oil, Gas and Mining

Date: August 26, 2013

By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 7/23/2013	

Casing or Annulus Pressure Test

Newfield Production Company

Rt 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: [Signature] Date 7/17/13 Time 12:45 am pm

Test Conducted by: Riley Bugh

Others Present: Johnny Daniels

Well: <u>Federal 12-9-9-16</u>	Field: <u>Monument + Butte</u>
Well Location: <u>Federal 12-9-9-16</u>	API No: <u>4301333969</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1360</u>	psig
5	<u>1360</u>	psig
10	<u>1360</u>	psig
15	<u>1360</u>	psig
20	<u>1360</u>	psig
25	<u>1360</u>	psig
30 min	<u>1360</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

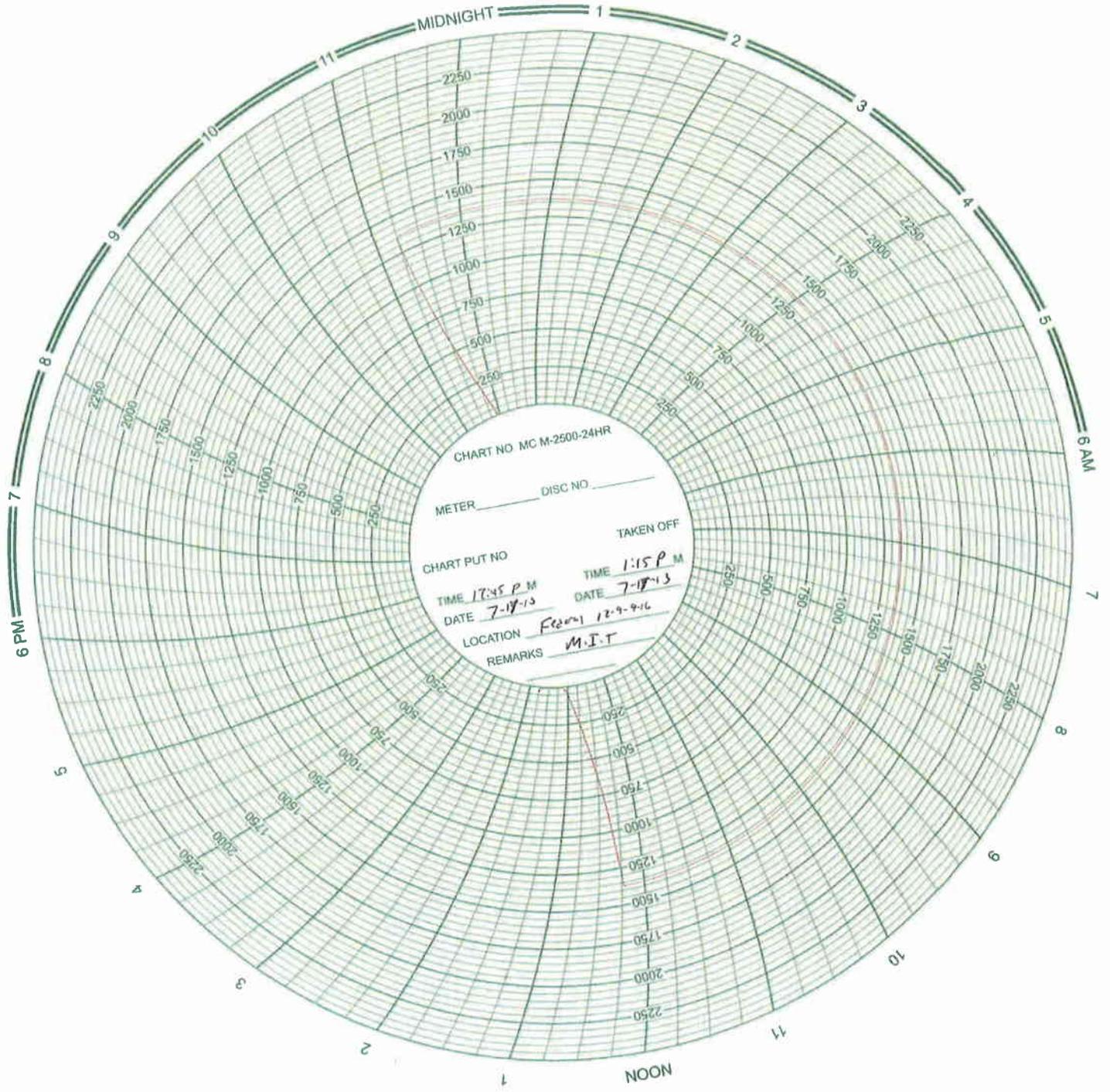
Tubing pressure: 400 psig

Result: Pass Fail

Signature of Witness: [Signature]

Signature of Person Conducting Test: Riley Bugh

Sundry Number: 40389 API Well Number: 43013339690000



Daily Activity Report

Format For Sundry

FEDERAL 12-9-9-16

5/1/2013 To 9/30/2013

7/15/2013 Day: 1

Conversion

Nabors #1108 on 7/15/2013 - spot rig, RU rig. Unhang rods and horse head. Pump 60 BBLS down CSN with hot oil truck, unseat pump and flush rods with 40 bbls - spot rig, RU rig. Unhang rods and horse head. Pump 60 BBLS down CSN with hot oil truck, unseat pump and flush rods with 40 bbls water soft seat pump and load tbg with 20 bbls water PT tbg to 3000psi. Good test. POOH with rods laying down on trailer. RD flow line ND WH release TAC, NU BOP RU works floor SWIFN. - spot rig, RU rig. Unhang rods and horse head. Pump 60 BBLS down CSN with hot oil truck, unseat pump and flush rods with 40 bbls water soft seat pump and load tbg with 20 bbls water PT tbg to 3000psi. Good test. POOH with rods laying down on trailer. RD flow line ND WH release TAC, NU BOP RU works floor SWIFN. - spot rig, RU rig. Unhang rods and horse head. Pump 60 BBLS down CSN with hot oil truck, unseat pump and flush rods with 40 bbls water soft seat pump and load tbg with 20 bbls water PT tbg to 3000psi. Good test. POOH with rods laying down on trailer. RD flow line ND WH release TAC, NU BOP RU works floor SWIFN. - spot rig, RU rig. Unhang rods and horse head. Pump 60 BBLS down CSN with hot oil truck, unseat pump and flush rods with 40 bbls water soft seat pump and load tbg with 20 bbls water PT tbg to 3000psi. Good test. POOH with rods laying down on trailer. RD flow line ND WH release TAC, NU BOP RU works floor SWIFN. - spot rig, RU rig. Unhang rods and horse head. Pump 60 BBLS down CSN with hot oil truck, unseat pump and flush rods with 40 bbls water soft seat pump and load tbg with 20 bbls water PT tbg to 3000psi. Good test. POOH with rods laying down on trailer. RD flow line ND WH release TAC, NU BOP RU works floor SWIFN. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$11,079

7/16/2013 Day: 2

Conversion

Nabors #1108 on 7/16/2013 - check pressure, TBG 10 Psi. CSG 460psi BD well and open bop. POOH With TBG Breaking every Connection and cleaning and inspecting all threads - check pressure, TBG 10 Psi. CSG 460psi BD well and open bop. POOH With TBG Breaking every Connection and cleaning and inspecting all threads, applying liquid o ring doping and retorquing to spec. LD excess 57 JNTS TBG on trailer. MOVE TBG trailer out of way PU MU Packer BHA. TIH With BHA And TBG detail as follows: 2 3/8 collar, 2 3/8 XN, 2 3/8X 4' TBG Sub 2 3/8x 2 7/8 XO, 2 7/8 x 5.5 packer, 2 7/8 on/off tool, 2 7/8 PSN 128 jnts tbg - check pressure, TBG 10 Psi. CSG 460psi BD well and open bop. POOH With TBG Breaking every Connection and cleaning and inspecting all threads, applying liquid o ring doping and retorquing to spec. LD excess 57 JNTS TBG on trailer. MOVE TBG trailer out of way PU MU Packer BHA. TIH With BHA And TBG detail as follows: 2 3/8 collar, 2 3/8 XN, 2 3/8X 4' TBG Sub 2 3/8x 2 7/8 XO, 2 7/8 x 5.5 packer, 2 7/8 on/off tool, 2 7/8 PSN 128 jnts tbg - check pressure, TBG 10 Psi. CSG 460psi BD well and open bop. POOH With TBG Breaking every Connection and cleaning and inspecting all threads, applying liquid o ring doping and retorquing to spec. LD excess 57 JNTS TBG on trailer. MOVE TBG trailer out of way PU MU Packer BHA. TIH With BHA And TBG detail as follows: 2 3/8 collar, 2 3/8 XN, 2 3/8X 4' TBG Sub 2 3/8x 2 7/8 XO, 2 7/8 x 5.5 packer, 2 7/8 on/off tool, 2 7/8 PSN 128 jnts tbg - check

pressure, TBG 10 Psi. CSG 460psi BD well and open bop. POOH With TBG Breaking every Connection and cleaning and inspecting all threads, applying liquid o ring doping and retorquing to spec. LD excess 57 JNTS TBG on trailer. MOVE TBG trailer out of way PU MU Packer BHA. TIH With BHA And TBG detail as follows: 2 3/8 collar, 2 3/8 XN, 2 3/8X 4' TBG Sub 2 3/8x 2 7/8 XO, 2 7/8 x 5.5 packer, 2 7/8 on/off tool, 2 7/8 PSN 128 jnts tbg

Daily Cost: \$0

Cumulative Cost: \$18,454

7/17/2013 Day: 3

Conversion

Nabors #1108 on 7/17/2013 - check pressure, tbg and csg 350 psi BD well and open BOP. Pump pad and drop SV pump Sv to PSn and pressuer test to 3000 psi for 30 minutes good test - check pressure, tbg and csg 350 psi BD well and open BOP. Pump pad and drop SV pump Sv to PSn and pressuer test to 3000 psi for 30 minutes good test.RU sand line and fishing tools TIH with sand line and Fish SV POOH with sandline and RD fishing tools rig down floor ND BOP land TBG RU hot oiler . Pump 50 BBLs packer fluid ND WH, set packer in 15K tension NU WH. Load CGS and PT csg to 1400psi for 30 minutes had to bump up, bleed off and retest numerous times good test. RD rig rack out winch truck and tools, prep rig to road to next location. - check pressure, tbg and csg 350 psi BD well and open BOP. Pump pad and drop SV pump Sv to PSn and pressuer test to 3000 psi for 30 minutes good test.RU sand line and fishing tools TIH with sand line and Fish SV POOH with sandline and RD fishing tools rig down floor ND BOP land TBG RU hot oiler . Pump 50 BBLs packer fluid ND WH, set packer in 15K tension NU WH. Load CGS and PT csg to 1400psi for 30 minutes had to bump up, bleed off and retest numerous times good test. RD rig rack out winch truck and tools, prep rig to road to next location. - check pressure, tbg and csg 350 psi BD well and open BOP. Pump pad and drop SV pump Sv to PSn and pressuer test to 3000 psi for 30 minutes good test.RU sand line and fishing tools TIH with sand line and Fish SV POOH with sandline and RD fishing tools rig down floor ND BOP land TBG RU hot oiler . Pump 50 BBLs packer fluid ND WH, set packer in 15K tension NU WH. Load CGS and PT csg to 1400psi for 30 minutes had to bump up, bleed off and retest numerous times good test. RD rig rack out winch truck and tools, prep rig to road to next location. - check pressure, tbg and csg 350 psi BD well and open BOP. Pump pad and drop SV pump Sv to PSn and pressuer test to 3000 psi for 30 minutes good test.RU sand line and fishing tools TIH with sand line and Fish SV POOH with sandline and RD fishing tools rig down floor ND BOP land TBG RU hot oiler . Pump 50 BBLs packer fluid ND WH, set packer in 15K tension NU WH. Load CGS and PT csg to 1400psi for 30 minutes had to bump up, bleed off and retest numerous times good test. RD rig rack out winch truck and tools, prep rig to road to next location. - check pressure, tbg and csg 350 psi BD well and open BOP. Pump pad and drop SV pump Sv to PSn and pressuer test to 3000 psi for 30 minutes good test.RU sand line and fishing tools TIH with sand line and Fish SV POOH with sandline and RD fishing tools rig down floor ND BOP land TBG RU hot oiler . Pump 50 BBLs packer fluid ND WH, set packer in 15K tension NU WH. Load CGS and PT csg to 1400psi for 30 minutes had to bump up, bleed off and retest numerous times good test. RD rig rack out winch truck and tools, prep rig to road to next location. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$25,334

7/22/2013 Day: 4

Conversion

Rigless on 7/22/2013 - Condcut initial MIT - On 07/17/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/17/2013 the casing was pressured up to 1360 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 07/17/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial

MIT on the above listed well. On 07/17/2013 the casing was pressured up to 1360 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 07/17/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/17/2013 the casing was pressured up to 1360 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 07/17/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 07/17/2013 the casing was pressured up to 1360 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was a State representative available to witness the test - Chris Jensen. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$57,546

Pertinent Files: Go to File List

Spud Date: 07/26/2009
 Put on Production: 08/28/2009
 GL: 5827' KB: 5839'

Federal 12-9-9-16

Injection Wellbore Diagram

SURFACE CASING

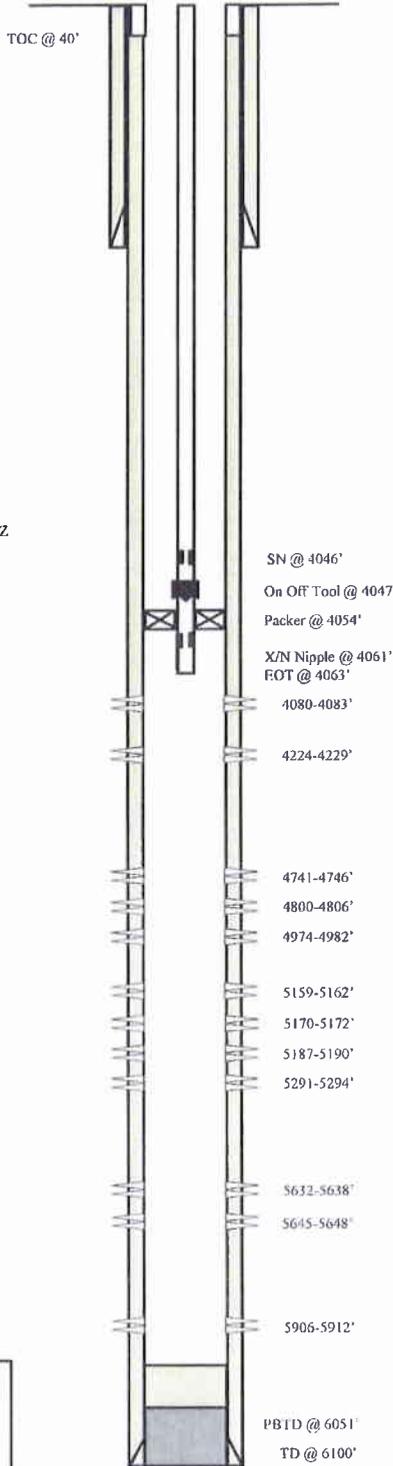
CSG SIZE 8-5/8"
 GRADE J-55
 WEIGHT 24#
 LENGTH 7 jts (300')
 DEPTH LANDED 312'
 HOLE SIZE 12-1/4"
 CEMENT DATA 210 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE J-55
 WEIGHT 15.5#
 LENGTH 155 jts (6039')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 6093.01'
 CEMENT DATA 265 sk Prem Lite II mixed & 400 sxs 50/50 POZ
 CEMENT TOP AT 40'

TUBING

SIZE/GRADE/WT 2-7/8" / J-55 / 6.5#
 NO OF JOINTS 128 jts (4033.6')
 SEATING NIPPLE 2-7/8" (1.10')
 SN LANDED AT 4045.6' KB
 ON/OFF TOOL AT 4046.7'
 ARROW #1 PACKER CE AT 4053.6'
 XO 2-3/8 x 2-7/8 J-55 AT 4056.6'
 TBG PUP 2-3/8 J-55 AT 4057.1'
 X/N NIPPLE AT 4061.2'
 TOTAL STRING LENGTH EOT @ 4062.78'



FRAC JOB

08-31-09 5906 - 5912' **Frac CP4 sands as follows:** Frac with 15001# 20/40 sand in 125 bbls Lightning 17 fluid
 08-31-09 5632 - 5648' **Frac CP1 sands as follows:** Frac with 71037# 20/40 sand in 426 bbls Lightning 17 fluid
 08-31-09 5159 - 5294' **Frac A3 & LODC sands as follows:** Frac with 116748# 20/40 sand in 700 bbls Lightning 17 fluid
 08-31-09 4974 - 4982' **Frac B1 sands as follows:** Frac with 50899# 20/40 sand in 307 bbls Lightning 17 fluid
 08-31-09 4741 - 4806' **Frac D1 & D2 sands as follows:** Frac with 136468# 20/40 sand in 834 bbls Lightning 17 fluid
 08-31-09 4080 - 4229' **Frac GB4 & GB2 sands as follows:** Frac with 43808# 20/40 sand in 291 bbls Lightning 17 fluid
 10-28-09 **Tubing Leak** Updated rod & tubing details
 10-09-10 **Pump Change.** Rod & tubing updated
 5/26/11 **Tubing Leak.** Updated rod and tubing detail
 07/16/13 **Convert to Injection Well**
 07/17/13 **Conversion MIT Finalized - update thg detail**

PERFORATION RECORD

Interval	ISPF	Holes
5906 - 5912'	3 ISPF	18 holes
5645 - 5648'	3 ISPF	9 holes
5632 - 5638'	3 ISPF	18 holes
5291 - 5294'	3 ISPF	9 holes
5187 - 5190'	3 ISPF	9 holes
5170 - 5172'	3 ISPF	6 holes
5159 - 5162'	3 ISPF	9 holes
4974 - 4982'	3 ISPF	24 holes
4800 - 4806'	3 ISPF	18 holes
4741 - 4746'	3 ISPF	15 holes
4224 - 4229'	3 ISPF	15 holes
4080 - 4083'	3 ISPF	9 holes



NEWFIELD
Federal 12-9-9-16
 1710' FSL & 443' FWL, NW/SW
 Section 9-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33969; Lease #UTU-85210



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

May 13, 2013

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

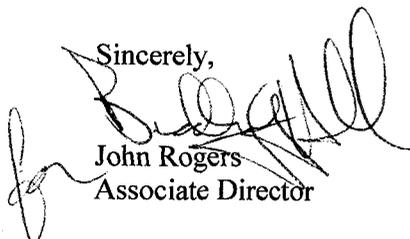
Subject: Greater Monument Butte Unit Well: Federal 12-9-9-16, Section 9, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33969

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 4,031 feet in the Federal 12-9-9-16 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.

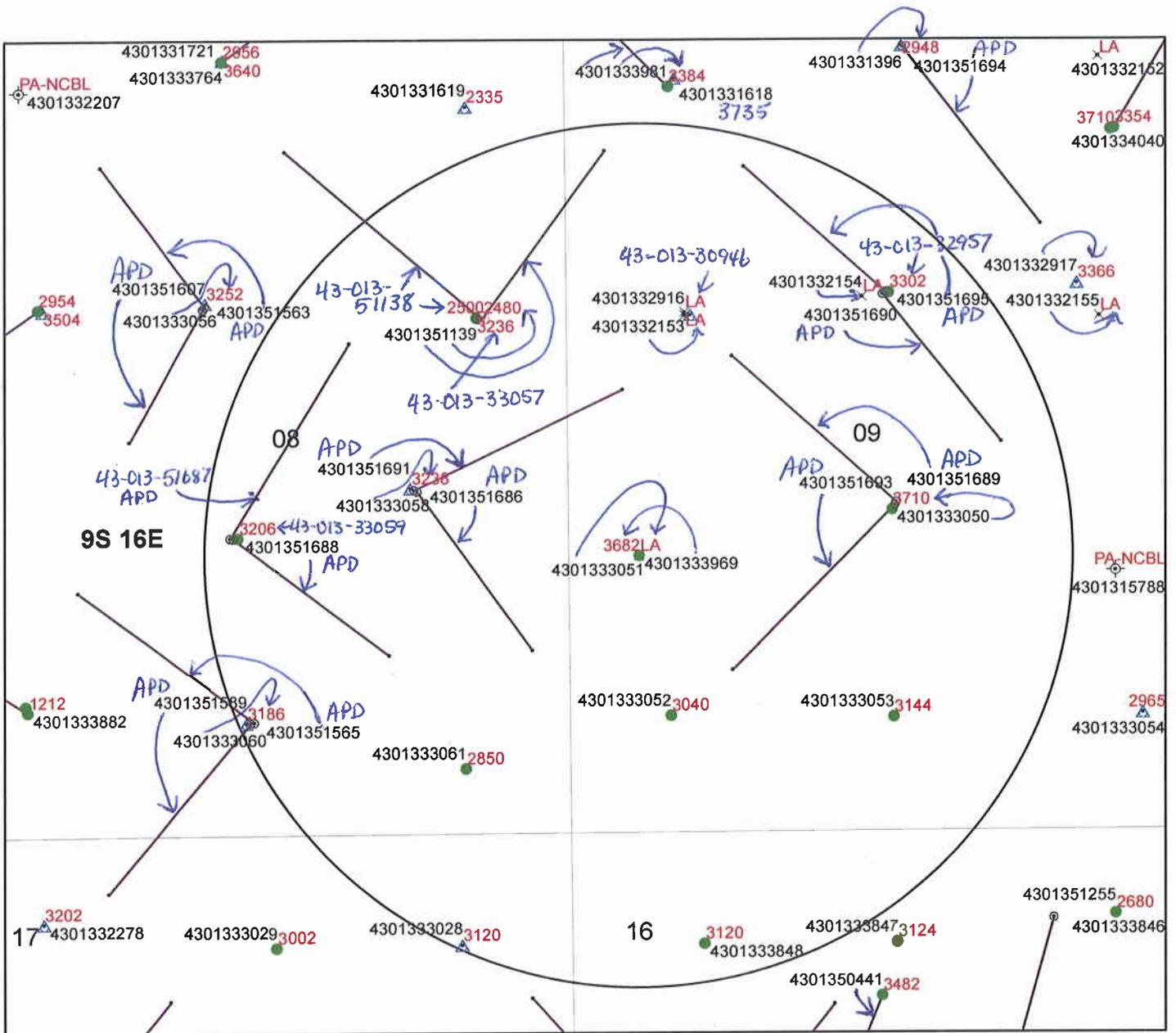
Sincerely,

John Rogers
Associate Director

JR/MLR/js

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

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



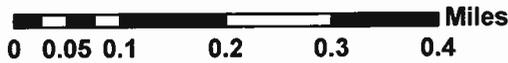


Legend

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 12-9-9-16
API #43-013-33969
UIC-406.5**



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

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

Applicant: Newfield Production Company **Well:** Federal 12-9-9-16

Location: 9/9S/16E **API:** 43-013-33969

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 and the State of Utah. The Federal Government and the State Of Utah are the mineral owners 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 312 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,093 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,682 feet. A 2 7/8 inch tubing with a packer will be set at 4,691 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 11 producing wells and 4 injection wells in the AOR. One of the producing wells is directionally drilled, with the surface location inside the AOR and the bottom hole location outside the AOR. In addition, there are 2 currently permitted surface location inside the AOR from which directional wells will be drilled to bottom hole locations outside 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 2300 feet. Injection shall be limited to the interval between 4,031 feet and 6,051 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 12-9-9-16 well is 0.85 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,695 psig. The requested maximum pressure is 1,695 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 12-9-9-16

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: 3/14/2013

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

WWW.SLTTRIB.COM

MEDIA One

NEWSPAPER AGENCY COMPANY
WWW.MEDIAONEUTAH.COM

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 NUM
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 R	
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, 21, AND 30, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 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

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

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

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

Dated this 26th day of February, 2013

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

UPAKLP

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 APPLICA** FOR **DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY.

Start 02/28/2013

End 02/28/2013

PUBLISHED ON

SIGNATURE

Mohr

2/28/2013

VIRGINIA CRAFT
Notary Public, State of Utah
Commission # 581469
My Commission Expires
January 12, 2014

Virginia Craft

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
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Advertiser No. Invoice Amount Due Date

2080	\$145.85	4/4/2013
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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!

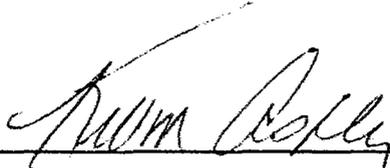
2250/REB/GGUAADMIN/GF13/6131

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.



Publisher

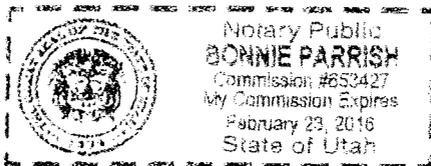
Subscribed and sworn to before me on this

5 day of March, 20 13

by Kevin Ashby.



Notary Public



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

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 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.

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API 43-013-31519

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API 43-013-32905

Ashley Federal 1-27-9-15 well lo-

cated 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

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

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

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days

Bonnie Parrish
Notary Public



Notary Public
BONNIE PARRISH
Commission #653427
My Commission Expires
February 23, 2016
State of Utah

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 lo-

ministrative Proce-
dures.

Selected zones in the
Green River Formation
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injection. The maxi-
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tion pressures and rates
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based on fracture gra-
dient information sub-
mitted by Newfield
Production Company.

Any person desir-
ing to object to the
application or oth-
erwise intervene in
the proceeding, must
file a written protest
or notice of interven-
tion with the Division
within fifteen days
following publication
of this notice. The Di-
vision's Presiding Of-
ficer for the proceeding
is Brad Hill, Permitting
Manager, at P.O. Box
145801, Salt Lake City,
UT 84114-5801, phone
number (801) 538-
5340. If such a protest
or notice of interven-
tion is received, a hear-
ing will be scheduled
in accordance with
the aforementioned
administrative proce-
dural rules. Protes-
tants and/or interven-
ers should be prepared
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.

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

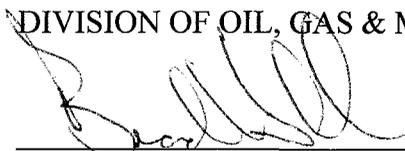
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

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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

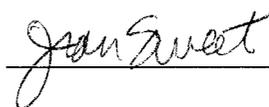
Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

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>
To: Jean Sweet <jsweet@utah.gov>

Tue, Feb 26, 2013 at 3:16 PM

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.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining

PO Box 145801

Salt Lake City, UT 84114-5801

Sincerely,

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

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:

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

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

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

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

2/27/13

State of Utah Mail - UIC - 406 - Legal Notice

Jean Sweet <jsweet@utah.gov>

UIC - 406 - Legal Notice

1 message

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
Email	juliecarter@utah.gov	Jean	mfulltz

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.

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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

Total Amount	\$287.24	Tear Sheets	Proofs	Affidavits
Payment Amt	\$0.00			
Amount Due	\$287.24	0	0	1
Payment Method		PO Number	Cause - UIC-406	
Confirmation Notes:				
Text:	Jean			
Ad Type	Ad Size	Color		
Legal Liner	2.0 X 84 Li	<NONE>		

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

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 #12-9-9-16
Monument Butte Field, Lease #UTU-85210
Section 9-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #12-9-9-16 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,

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 #12-9-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-85210
FEBRUARY 8, 2013

TABLE OF CONTENTS

LETTER OF INTENT	
COVER PAGE	
TABLE OF CONTENTS	
UIC FORM 1 – APPLICATION FOR INJECTION WELL	
WELBORE 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	WELBORE DIAGRAM – FEDERAL #12-9-9-16
ATTACHMENT E-1	WELBORE DIAGRAM – FEDERAL #5-9-9-16
ATTACHMENT E-2	WELBORE DIAGRAM – FEDERAL #6-9-9-16
ATTACHMENT E-3	WELBORE DIAGRAM – FEDERAL #11A-9-9-16
ATTACHMENT E-4	WELBORE DIAGRAM – FEDERAL #13-9-9-16
ATTACHMENT E-5	WELBORE DIAGRAM – FEDERAL #14-9-9-16
ATTACHMENT E-6	WELBORE DIAGRAM – FEDERAL #8-8-9-16
ATTACHMENT E-7	WELBORE DIAGRAM – FEDERAL #9-8-9-16
ATTACHMENT E-8	WELBORE DIAGRAM – FEDERAL #10-8-9-16
ATTACHMENT E-9	WELBORE DIAGRAM – FEDERAL #15-8-9-16
ATTACHMENT E-10	WELBORE DIAGRAM – FEDERAL #16-8-9-16
ATTACHMENT E-11	WELBORE DIAGRAM – STATE #4-16-9-16
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED – 8/13/09- 8/30/09
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELBORE DIAGRAM OF PROPOSED PLUGGED WELL

Federal 12-9-9-16

Spud Date: 07/26/2009
 Put on Production: 08/28/2009
 GL: 5827' KB: 5839'

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (300')
 DEPTH LANDED: 312'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 210 sxs Class "G" cmt.

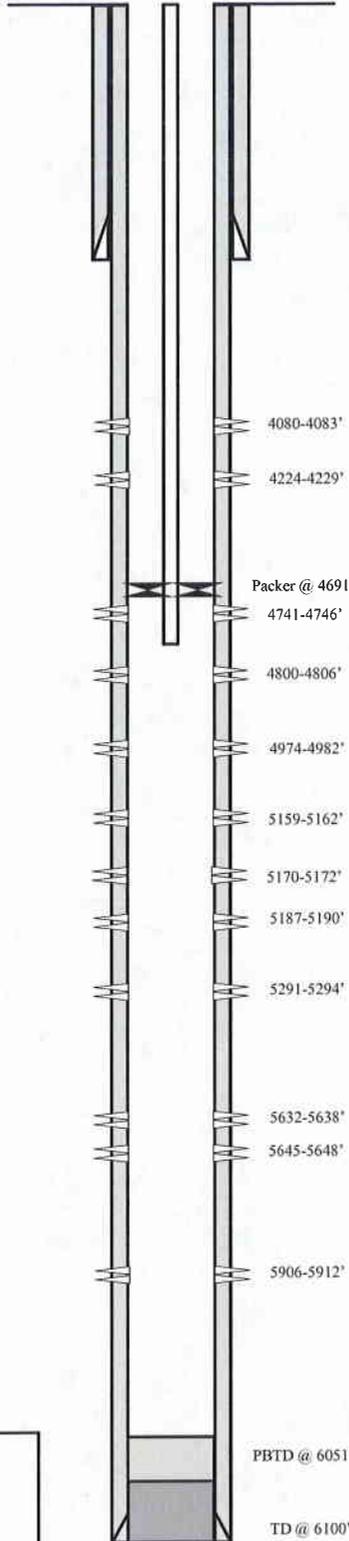
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 155 jts (6039')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 6093.01'
 CEMENT DATA: 265 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 40'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 185 jts (5832.3')
 TUBING ANCHOR: 5876'
 NO. OF JOINTS: 1 jts (31.5')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5879.7' KB
 NO. OF JOINTS: 2 jts (62')
 TOTAL STRING LENGTH: EOT @ 5941.75'

Proposed Injection Wellbore Diagram



FRAC JOB

08-31-09	5906 - 5912'	Frac CP4 sands as follows: Frac with 15001# 20/40 sand in 125 bbls Lightning 17 fluid.
08-31-09	5632 - 5648'	Frac CP1 sands as follows: Frac with 71037# 20/40 sand in 426 bbls Lightning 17 fluid.
08-31-09	5159 - 5294'	Frac A3 & LODC sands as follows: Frac with 116748# 20/40 sand in 700 bbls Lightning 17 fluid.
08-31-09	4974 - 4982'	Frac B1 sands as follows: Frac with 50899# 20/40 sand in 307 bbls Lightning 17 fluid.
08-31-09	4741 - 4806'	Frac D1 & D2 sands as follows: Frac with 136468# 20/40 sand in 834 bbls Lightning 17 fluid.
08-31-09	4080 - 4229'	Frac GB4 & GB2 sands as follows: Frac with 43808# 20/40 sand in 291 bbls Lightning 17 fluid.
10-28-09		Tubing Leak. Updated rod & tubing details.
10-09-10		Pump Change. Rod & tubing updated.
5/26/11		Tubing Leak. Updated rod and tubing detail.

PERFORATION RECORD

5906 - 5912'	3 JSPP	18 holes
5645 - 5648'	3 JSPP	9 holes
5632 - 5638'	3 JSPP	18 holes
5291 - 5294'	3 JSPP	9 holes
5187 - 5190'	3 JSPP	9 holes
5170 - 5172'	3 JSPP	6 holes
5159 - 5162'	3 JSPP	9 holes
4974 - 4982'	3 JSPP	24 holes
4800 - 4806'	3 JSPP	18 holes
4741 - 4746'	3 JSPP	15 holes
4224 - 4229'	3 JSPP	15 holes
4080 - 4083'	3 JSPP	9 holes

NEWFIELD



Federal 12-9-9-16

1710' FSL & 443' FWL NW/SW

Section 9-T9S-R16E

Duchesne Co, Utah

API #43-013-33969; Lease #UTU-85210

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 #12-9-9-16 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 #12-9-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (4031' - 6051'). 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 3706' and the TD is at 6100'.

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

The referenced log for the Federal #12-9-9-16 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-85210) 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 312' KB, and 5-1/2", 15.5# casing run from surface to 6093' 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 1695 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 #12-9-9-16, for existing perforations (4080' - 5912') calculates at 0.85 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 1695 psig. We may add additional perforations between 3706' and 6100'. 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 #12-9-9-16, the proposed injection zone (4031' - 6051') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

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

See Attachments E through E-11.

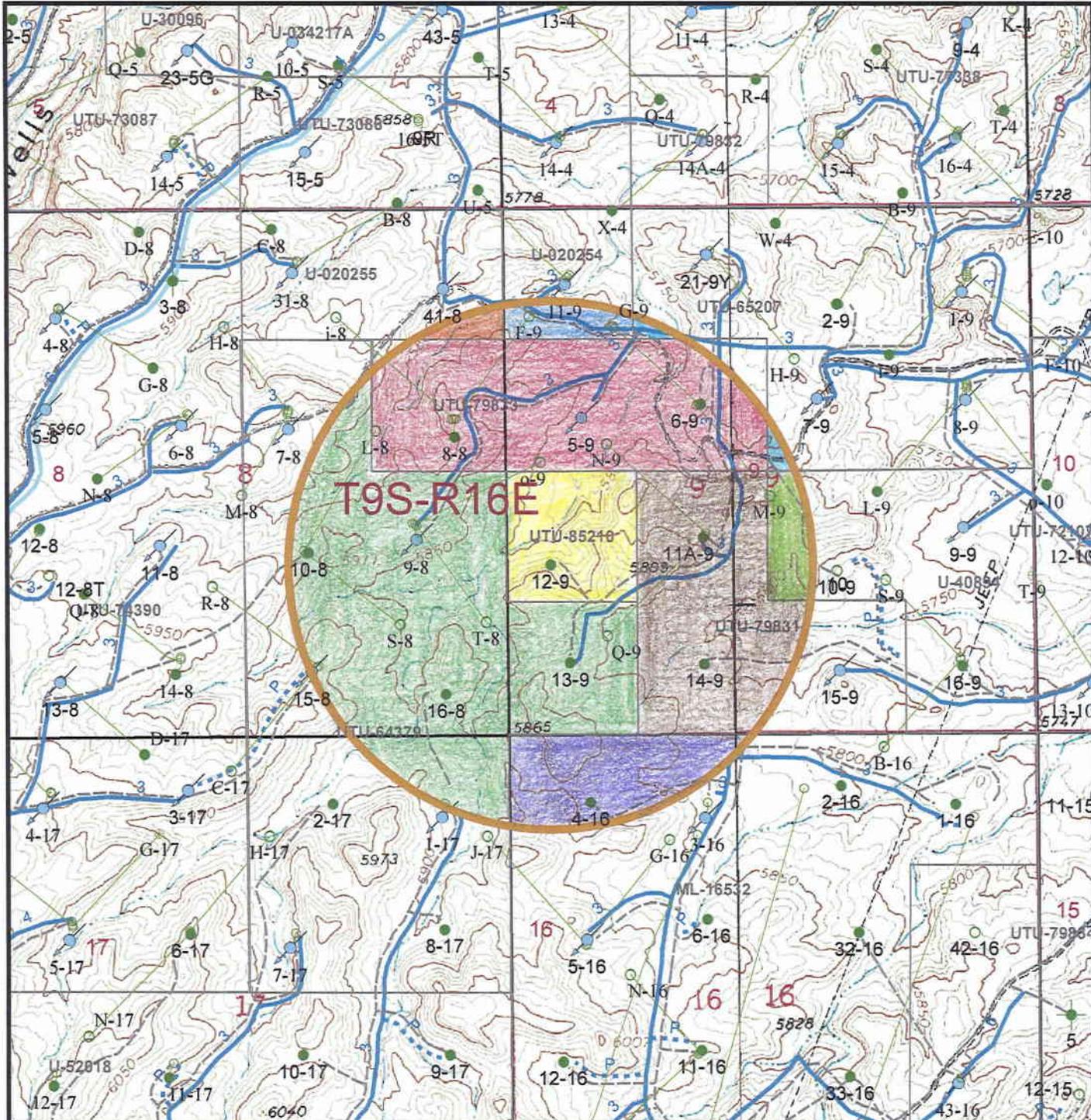
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

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

See Attachment C.

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

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



WellStatus_HalfMile_Buffer

Well Status

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

Injection system

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

Leases

- Leases
- Mining tracts

Handwritten Well IDs:

- UTU-85210
- UTU-64379
- UTU-79833
- UTU-79831
- UTU-020255
- UTU-020254
- UTU-40894
- UTU-65207
- ST UT ML 16532

Federal 12-9
Section 9, T9S-R16E

NEWFIELD
ROCKY MOUNTAINS 1 in = 1,500 feet

1/2 Mile Radius Map
Duchesne & Uintah Counties

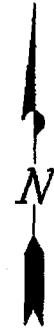
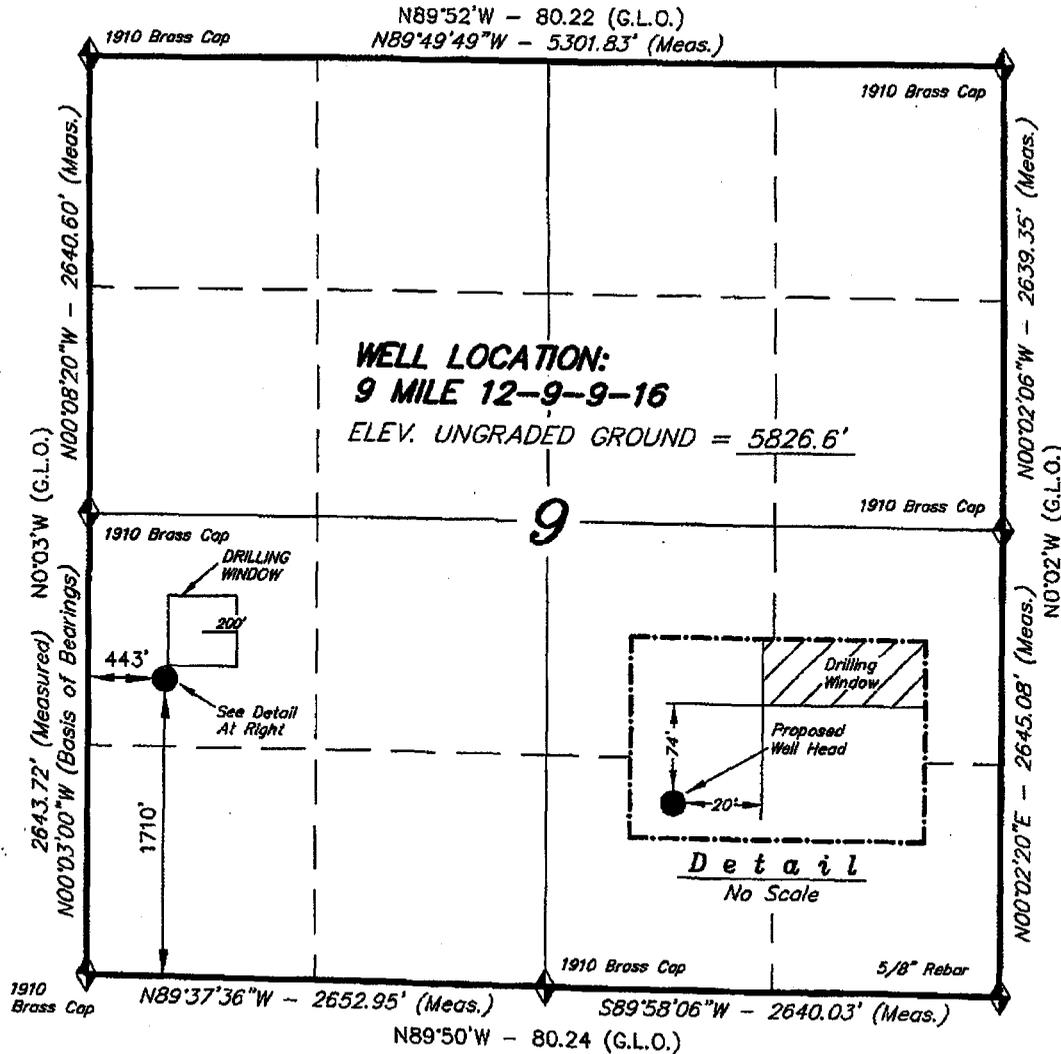
1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

December 18, 2012

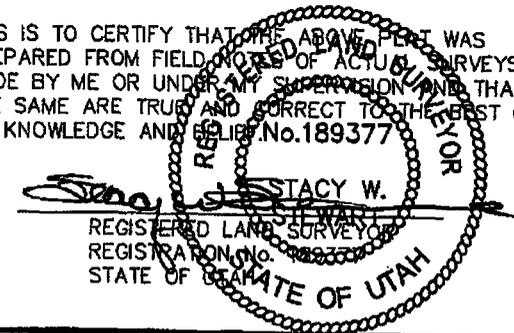
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 12-9-9-16,
LOCATED AS SHOWN IN THE NW 1/4 SW
1/4 OF SECTION 9, T9S, R16E, S.L.B.&M.
DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PERT 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)

WELL NAME
(Surface Location) NAD 83
LATITUDE = 40° 02' 34.16"
LONGITUDE = 110° 07' 55.90"

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 1-6-06	SURVEYED BY: C.M.
DATE DRAWN: 1-10-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 9: NWSW	USA UTU-85210 HBP	Newfield Production Company	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 8: SENE Section 9: S2NW	USA UTU-79833 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Corp Yates Petroleum Corp	USA
4	T9S-R16E SLM Section 9: E2SW, SWSE	USA UTU-79831 HBP	Newfield Production Company Newfield RMI LLC	USA
5	T9S-R16E SLM Section 8: N2NE	USA UTU- 020255 HBP	Newfield Production Company Newfield RMI LLC	USA
6	T9S-R16E SLM Section 9: NWNW	USA UTU- 020254 HBP	Newfield Production Company Newfield RMI LLC	USA

2 of 2

7	T9S-R16E SLM Section 9: N2SE, SESE	USA UTU-40894 HBP	Newfield Production Company Newfield RMI LLC	USA
8	T9S-R16E SLM Section 9: NE, NENW Section 10: N2NW	USA UTU-65207 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Corp Yates Petroleum Corp	USA
9	T9S-R16E SLM Section 16: All	State of Utah ML 16532 HBP	Newfield RMI LLC QEP Energy Company El Paso E&P Company LP American Petroleum Corp Brave River Production Trans Republic Resources Inc	State of Utah

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #12-9-9-16

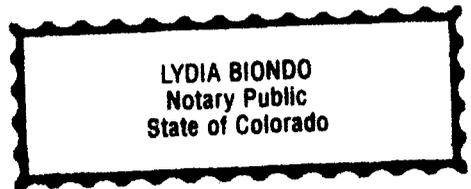
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

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: Lydi Biondo

My Commission Expires: 12/31/15



Federal 12-9-9-16

Spud Date: 07/26/2009
 Put on Production: 08/28/2009
 GL: 5827' KB: 5839'

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (300')
 DEPTH LANDED: 312'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 210 sxs Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 155 jts (6039')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 6093.01'
 CEMENT DATA: 265 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 40'

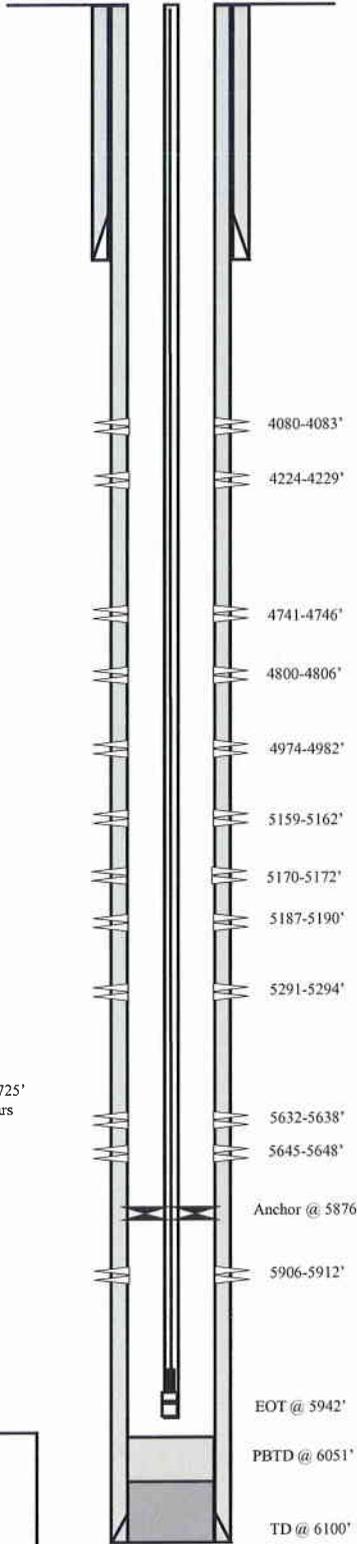
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 185 jts (5832.3')
 TUBING ANCHOR: 5876'
 NO. OF JOINTS: 1 jts (31.5')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5879.7' KB
 NO. OF JOINTS: 2 jts (62')
 TOTAL STRING LENGTH: EOT @ 5941.75'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 100 - 3/4" = 2500' 4 per guided rods, 109 - 3/4" = 2725' sucker rod, 20 - 3/4" = 500' 4 per guided rods, 6-1 1/2" = 150' weight bars
 PUMP SIZE: 2 1/2" x 1 1/2" x 16' x 20' RHAC pump
 STROKE LENGTH: 120
 PUMP SPEED, SPM 5

Wellbore Diagram



FRAC JOB

08-31-09	5906 - 5912'	Frac CP4 sands as follows: Frac with 15001# 20/40 sand in 125 bbls Lightning 17 fluid.
08-31-09	5632 - 5648'	Frac CP1 sands as follows: Frac with 71037# 20/40 sand in 426 bbls Lightning 17 fluid.
08-31-09	5159 - 5294'	Frac A3 & LODC sands as follows: Frac with 116748# 20/40 sand in 700 bbls Lightning 17 fluid.
08-31-09	4974 - 4982'	Frac B1 sands as follows: Frac with 50899# 20/40 sand in 307 bbls Lightning 17 fluid.
08-31-09	4741 - 4806'	Frac D1 & D2 sands as follows: Frac with 136468# 20/40 sand in 834 bbls Lightning 17 fluid.
08-31-09	4080 - 4229'	Frac GB4 & GB2 sands as follows: Frac with 43808# 20/40 sand in 291 bbls Lightning 17 fluid.
10-28-09		Tubing Leak. Updated rod & tubing details.
10-09-10		Pump Change. Rod & tubing updated.
5/26/11		Tubing Leak. Updated rod and tubing detail.

PERFORATION RECORD

5906 - 5912'	3 JSPF	18 holes
5645 - 5648'	3 JSPF	9 holes
5632 - 5638'	3 JSPF	18 holes
5291 - 5294'	3 JSPF	9 holes
5187 - 5190'	3 JSPF	9 holes
5170 - 5172'	3 JSPF	6 holes
5159 - 5162'	3 JSPF	9 holes
4974 - 4982'	3 JSPF	24 holes
4800 - 4806'	3 JSPF	18 holes
4741 - 4746'	3 JSPF	15 holes
4224 - 4229'	3 JSPF	15 holes
4080 - 4083'	3 JSPF	9 holes

NEWFIELD



Federal 12-9-9-16

1710' FSL & 443' FWL NW/SW

Section 9-T9S-R16E

Duchesne Co, Utah

API #43-013-33969; Lease #UTU-85210

Federal 5-9-9-16

Spud Date: 3-19-07
 Put on Production: 5-02-07
 GL: 5789' KB: 5801'

Injection Wellbore Diagram

SURFACE CASING

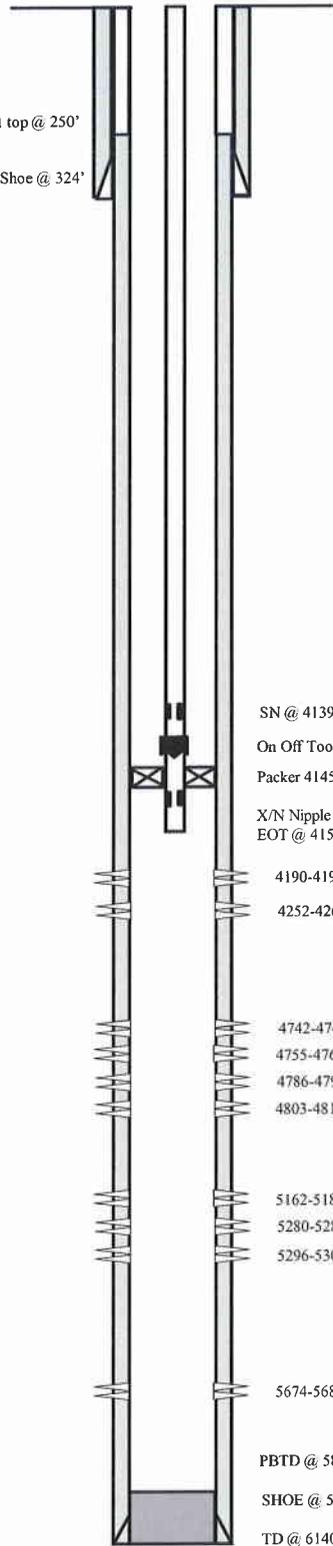
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (313.01')
 DEPTH LANDED: 323.52' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 136 jts (5912.60')
 DEPTH LANDED: 5910.85' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 250'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 TBG PUP 2-7/8 N-80 AT: 10'
 NO. OF JOINTS: 134 jts (4116.7')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4138.7' KB
 ON/OFF TOOL AT: 4139.8'
 ARROW #1 PACKER CE AT: 4144.87'
 XO 2-3/8 x 2-7/8 J-55 AT: 4148.5'
 TBG PUP 2-7/8 N-80 AT: 4149.1'
 X/N NIPPLE AT: 4153.1'
 TOTAL STRING LENGTH: EOT @ 4155'



FRAC JOB

04-30-07 5674-5684' **Frac CP1 sands as follows:**
 20595# 20/40 sand in 297 bbls Lightning 17 frac fluid. Treated @ avg press of 2284 psi w/avg rate of 25 BPM. ISIP 2085 psi. Calc flush: 5672 gal. Actual flush: 5208 gal.

04-30-07 5280-5301' **Frac A3 sands as follows:**
 65451# 20/40 sand in 520 bbls Lightning 17 frac fluid. Treated @ avg press of 2089 psi w/avg rate of 25 BPM. ISIP 2339 psi. Calc flush: 5278 gal. Actual flush: 4830 gal.

04-30-07 5162-5184' **Frac A 1 sands as follows:**
 110232# 20/40 sand in 778 bbls Lightning 17 frac fluid. Treated @ avg press of 1947 psi w/avg rate of 24.4 BPM. ISIP 2305 psi. Calc flush: 5160 gal. Actual flush: 4704 gal.

04-30-07 4742-4810' **Frac D2, D1 sands as follows:**
 139780# 20/40 sand in 952 bbls Lightning 17 frac fluid. Treated @ avg press of 1881 w/ avg rate of 25 BPM. ISIP 2123 psi. Calc flush: 4740 gal. Actual flush: 4242 gal.

04-30-07 4190-4262' **Frac GB6, & GB4 sands as follows:**
 8970# 20/40 sand in 218 bbls Lightning 17 frac fluid. Treated @ avg press of 1715 w/ avg rate of 25 BPM. ISIP 1647 psi. Calc flush: 4189 gal. Actual flush: 4074 gal.

7/1/08 **Pump change.** Updated rod and tubing detail.
 8/10/09 **Pump Change.** Updated rod & tubing details.
 4/1/10 **Parted rods.** Updated rod and tubing detail.
 5/27/2010 **Pump change.** Updated rod and tubing detail.
 7/21/11 **Parted rods.** Updated rod & tubing detail.
 10/29/12 **Convert to Injection Well**
 10/30/12 **Conversion MIT Finalized** - update tbg detail

PERFORATION RECORD

Date	Depth Range	Number of Holes	Completion Type
04-24-07	5674-5684'	40	JSPF
04-30-07	5296-5301'	20	JSPF
04-30-07	5280-5288'	32	JSPF
04-30-07	5162-5184'	88	JSPF
04-30-07	4803-4810'	28	JSPF
04-30-07	4786-4794'	32	JSPF
04-30-07	4755-4764'	36	JSPF
04-30-07	4742-4746'	16	JSPF
04-30-07	4252-4262'	40	JSPF
04-30-07	4190-4199'	36	JSPF

NEWFIELD

Federal 5-9-9-16
 2096' FNL & 770' FWL
 SW/NW Section 9-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-32916; Lease # UTU-79833

FEDERAL 6-9-9-16

Spud Date: 02/19/07
 Put on Production: 03/28/07
 GL: 5782' KB: 5794'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (311.37')
 DEPTH LANDED: 323.87' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 138 jts. (6098.92')
 DEPTH LANDED: 6112.17' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

TUBING

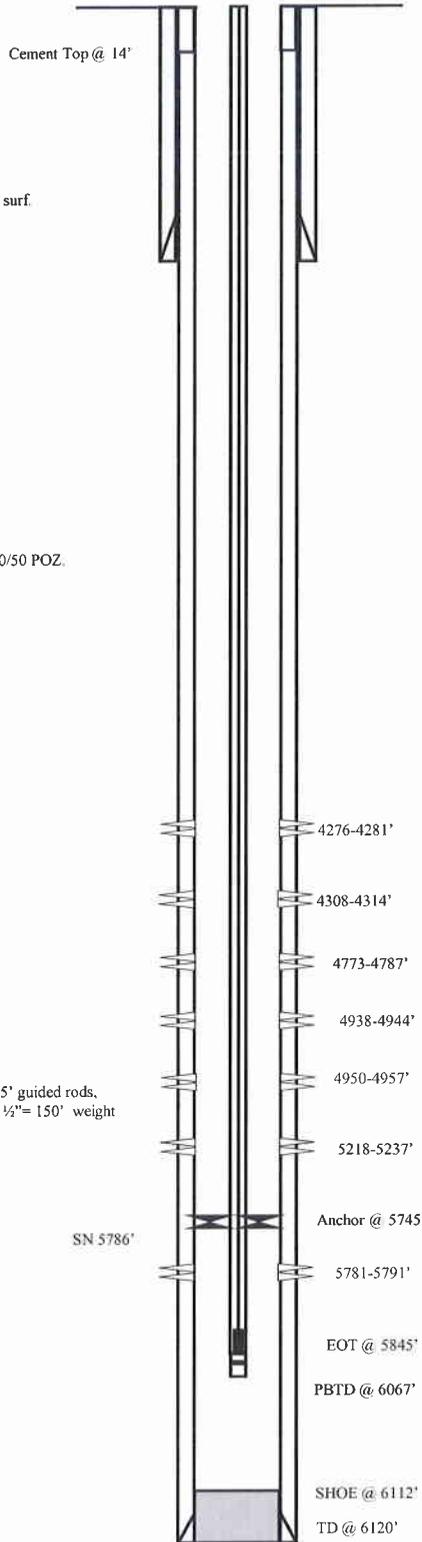
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 182 jts (5733.5')
 TUBING ANCHOR: 5745.5' KB
 NO. OF JOINTS: 1 jts (31.5')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5779.8' KB
 NO. OF JOINTS: 2 jts (63.2')
 TOTAL STRING LENGTH: EOT @ 5845' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM polished rods
 SUCKER RODS: 1-2' & 1-8' x 3/4" pony rods, 97-3/4" = 2425' guided rods,
 79-3/4" = 1975' sucker rods, 46-3/4" guided rods = 1150', 6-1 1/2" = 150' weight
 rods. 1-1" x 4' Stabilizer Rod
 PUMP SIZE: CDI 2-1/2" x 1-1/4" x 12" x 16' CDI Pump
 STROKE LENGTH: 86"
 PUMP SPEED, 5 SPM:

FRAC JOB

03/21/07	6221-6229'	Frac CP3 sands as follows: 14389# 20/40 sand in 290 bbls Lightning 17 frac fluid. Treated @ avg press of 1940 psi w/avg rate of 25 BPM. ISIP 1775 psi. Calc flush: 6219 gal. Actual flush: 5250 gal.
03/21/07	5218-5237'	Frac A1 sands as follows: 80163# 20/40 sand in 599 bbls Lightning 17 frac fluid. Treated @ avg press of 1785 psi w/avg rate of 25 BPM. ISIP 2150 psi. Calc flush: 5216 gal. Actual flush: 4704 gal.
03/22/07	4938-4957'	Frac C sands as follows: 44913# 20/40 sand in 407 bbls Lightning 17 frac fluid. Treated @ avg press of 1737 psi w/avg rate of 25 BPM. ISIP 1940 psi. Calc flush: 4936 gal. Actual flush: 4410 gal.
03/22/07	4773-4787'	Frac D1 sands as follows: 85267# 20/40 sand in 613 bbls Lightning 17 frac fluid. Treated @ avg press of 1663 psi w/avg rate of 25.1 BPM. ISIP 2055 psi. Calc flush: 4771 gal. Actual flush: 2055 gal
03/22/07	4314-4276'	Frac GB6 & GB4 sands as follows: 23837# 20/40 sand in 276 bbls Lightning 17 frac fluid. Treated @ avg press of 2018 psi w/avg rate of 25 BPM. ISIP 2304 psi. Calc flush: 4312 gal. Actual flush: 4200 gal
01/03/2012		Pump Change. Updated rod & Tubing detail.
01/30/2012		Parted rods. Updated rod & tubing detail.
3/9/12		Parted rods: Updated rod & tubing detail



PERFORATION RECORD

03/19/07	5781-5791'	4 JSPF	40 holes
03/21/07	5218-5237'	4 JSPF	76 holes
03/21/07	4950-4957'	4 JSPF	28 holes
03/21/07	4938-4944'	4 JSPF	24 holes
03/22/07	4773-4787'	4 JSPF	56 holes
03/24/07	4308-4314'	4 JSPF	24 holes
03/22/07	4276-4281'	4 JSPF	20 holes

NEWFIELD

FEDERAL 6-9-9-16

1969' FNL & 1994' FWL

SE/NW Section 9-T9S-R16E

Duchesne Co, Utah

API #43-013-32957; Lease # UTU-79833

Federal 11A-9-9-16

Spud Date: 4-23-07
Put on Production: 6-1-07

GL: 5842' KB: 5854'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (309.65')
DEPTH LANDED: 321.5' 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: 140 jts (6101.12')
DEPTH LANDED: 6117.53' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 156'

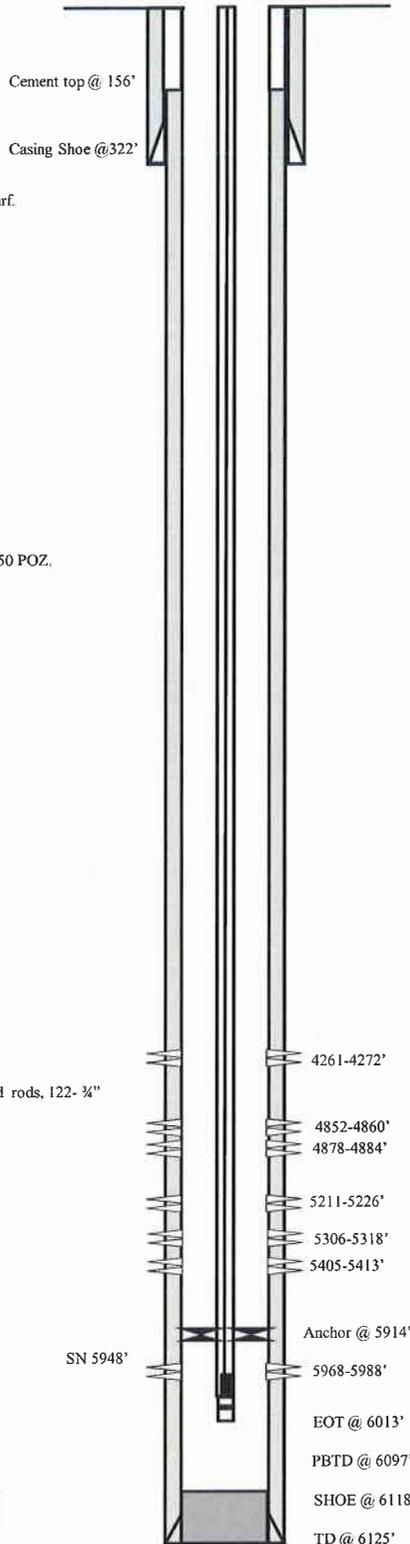
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 192 jts (5901.99')
TUBING ANCHOR: 5913.99' KB
NO. OF JOINTS: 1 jts (31.43')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5948.22' KB
NO. OF JOINTS: 2 jts (62.97')
TOTAL STRING LENGTH: EOT @ 6012.74' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-8", 6', 4', x 3/4" pony rods, 98- 3/4" scraped rods, 122- 3/4" plain rods, 10- 3/4" scraped rods, 6- 1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 15.5' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

06-01-07	5968-5988'	Frac CP5 sands as follows: 86018# 20/40 sand in 657 bbls Lightning 17 frac fluid. Treated @ avg press of 1731 psi w/avg rate of 24.8 BPM. ISIP 2226 psi. Calc flush: 5966 gal. Actual flush: 5460 gal.
06-01-07	5405-5413'	Frac LODC sands as follows: 15233# 20/40 sand in 657 bbls Lightning 17 frac fluid. Treated @ avg press of 2238 psi w/avg rate of 24.8 BPM. ISIP 2359 psi. Calc flush: 5403 gal. Actual flush: 4956 gal.
06-01-07	5306-5318'	Frac LODC sands as follows: 25167# 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 2598 psi w/avg rate of 24.7 BPM. ISIP 3184 psi. Calc flush: 5304 gal. Actual flush: 4830 gal.
06-01-07	5211-5226'	Frac A3 sands as follows: 81060# 20/40 sand in 608 bbls Lightning 17 frac fluid. Treated @ avg press of 1601 w/avg rate of 24.7 BPM. ISIP 1930 psi. Calc flush: 5209 gal. Actual flush: 4746 gal.
06-01-07	4852-4884'	Frac D3 sands as follows: 20066# 20/40 sand in 293 bbls Lightning 17 frac fluid. Treated @ avg press of 1701 w/avg rate of 24.8 BPM. ISIP 1800 psi. Calc flush: 4948 gal. Actual flush: 4368 gal.
06-01-07	4261-4272'	Frac GB4 sands as follows: 55827# 20/40 sand in 453 bbls Lightning 17 frac fluid. Treated @ avg press of 1508 w/avg rate of 24.8 BPM. ISIP 1752 psi. Calc flush: 4424 gal. Actual flush: 4326 gal.
9-30-08		Pump Change. Updated rod & tubing details.

PERFORATION RECORD

05-21-07	5968-5988'	4 JSPF	80 holes
06-01-07	5405-5413'	4 JSPF	32 holes
06-01-07	5306-5318'	4 JSPF	48 holes
06-01-07	5211-5226'	4 JSPF	60 holes
06-01-07	4878-4884'	4 JSPF	24 holes
06-01-07	4852-4860'	4 JSPF	32 holes
06-01-07	4261-4272'	4 JSPF	44 holes



Federal 11A-9-9-16
1984' FSL & 1980' FWL
NE/SW Section 9-T9S-R16E
Duchesne Co, Utah
API # 43-013-33050; Lease # UTU-79831

FEDERAL 13-9-9-16

Spud Date: 04/21/07
 Put on Production: 5/31/07
 GL: 5878' KB: 5890'

Initial Production: 63 BOPD,
 11 MCFD, 56 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (313.03')
 DEPTH LANDED: 323.03' 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 jts. (6018.39')
 DEPTH LANDED: 6014.39' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 TOP OF CEMENT: Surface

TUBING

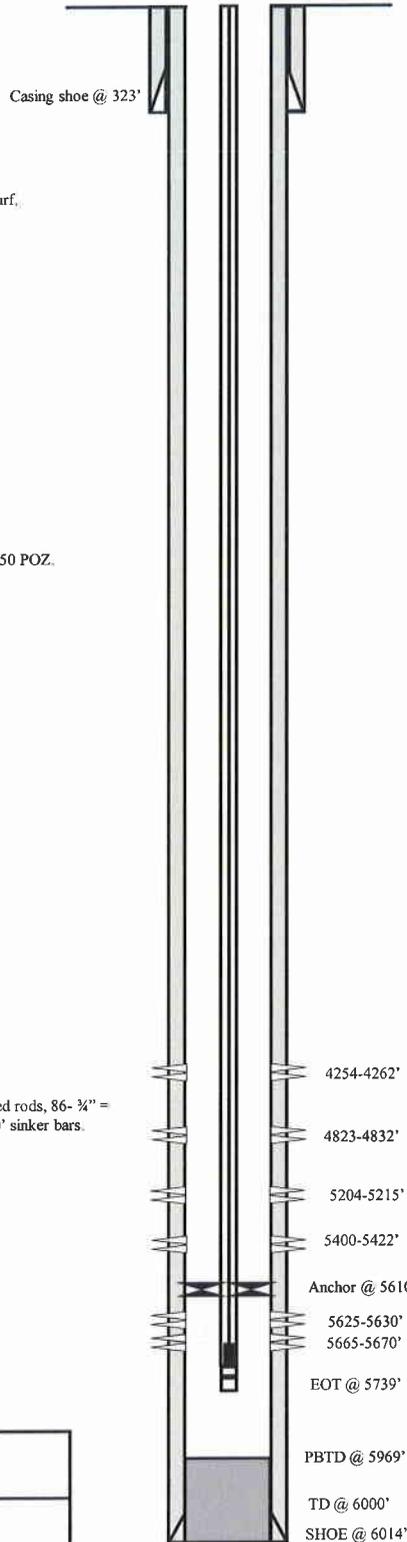
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 179 jts (5597.6')
 TUBING ANCHOR: 5609.6' KB
 NO. OF JOINTS: 2 jts (62.6')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5675.0' KB
 NO. OF JOINTS: 2 jts (62.7')
 TOTAL STRING LENGTH: EOT @ 5739' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 1 x 3/4" = 4' pony rod, 89- 3/4" = 2250' guided rods, 86- 3/4" = 2150' sucker rods, 44- 3/4" = 1100' guided rods, 6- 1 1/2" = 150' sinker bars.
 PUMP SIZE: CDI 2-1/2" x 1-1/4" x 16' x 20' RHAC
 STROKE LENGTH: 102"
 PUMP SPEED, SPM: 5

FRAC JOB

05/25/07	5625-5670'	Frac CP.5 & CP2 sands as follows: 14942# 20/40 sand in 271 bbls Lightning 17 frac fluid. Treated @ avg press of 2299 psi w/avg rate of 24.6 BPM. ISIP 2063 psi. Calc flush: 5623 gal. Actual flush: 5120 gal.
05/25/07	5400-5422'	Frac LODC sands as follows: 138714# 20/40 sand in 970 bbls Lightning 17 frac fluid. Treated @ avg press of 2903 psi w/avg rate of 24.7 BPM. ISIP 3560 psi. Calc flush: 5398 gal. Actual flush: 4893 gal.
05/25/07	5204-5215'	Frac A3 sands as follows: 55148# 20/40 sand in 467 bbls Lightning 17 frac fluid. Treated @ avg press of 2274 psi w/avg rate of 24.6 BPM. ISIP 2052 psi. Calc flush: 5202 gal. Actual flush: 4696 gal.
05/25/07	4823-4832'	Frac D2 sands as follows: 50506# 20/40 sand in 419 bbls Lightning 17 frac fluid. Treated @ avg press of 1952 psi w/avg rate of 24.7 BPM. ISIP 2034 psi. Calc flush: 4821 gal. Actual flush: 4284 gal.
05/25/07	4254-4262'	Frac GB4 sands as follows: 13089# 20/40 sand in 202 bbls Lightning 17 frac fluid. Treated @ avg press of 1894 psi w/avg rate of 24.5 BPM. ISIP 1700 psi. Calc flush: 4252 gal. Actual flush: 4200 gal.
2/24/09		Tubing Leak. Updated r & t details.
1/29/10		Tubing Leak. Updated rod and tubing detail.
8/1/2010		Parted rods. Updated rod and tubing detail.
11/24/2010		Parted rods. Updated rod and tubing detail.
5/20/11		Tubing leak. Updated rod and tubing detail.



PERFORATION RECORD

05/14/07	5665-5670'	4 JSPF	20 holes
05/14/07	5625-5630'	4 JSPF	20 holes
05/25/07	5400-5422'	4 JSPF	88 holes
05/25/07	5204-5215'	4 JSPF	44 holes
05/25/07	4823-4832'	4 JSPF	36 holes
05/25/07	4254-4262'	4 JSPF	32 holes



FEDERAL 13-9-9-16
 734' FSL & 625' FWL
 SW/SW Section 9-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33052; Lease # UTU-64379

FEDERAL 14-9-9-16

Spud Date: 03/20/07
 Put on Production: 05/15/07
 GL: 5814' KB: 5826'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7jts (311.85')
 DEPTH LANDED: 321.85'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160sxs Class "G", circ. 5 bbls to surf.

PRODUCTION CASING

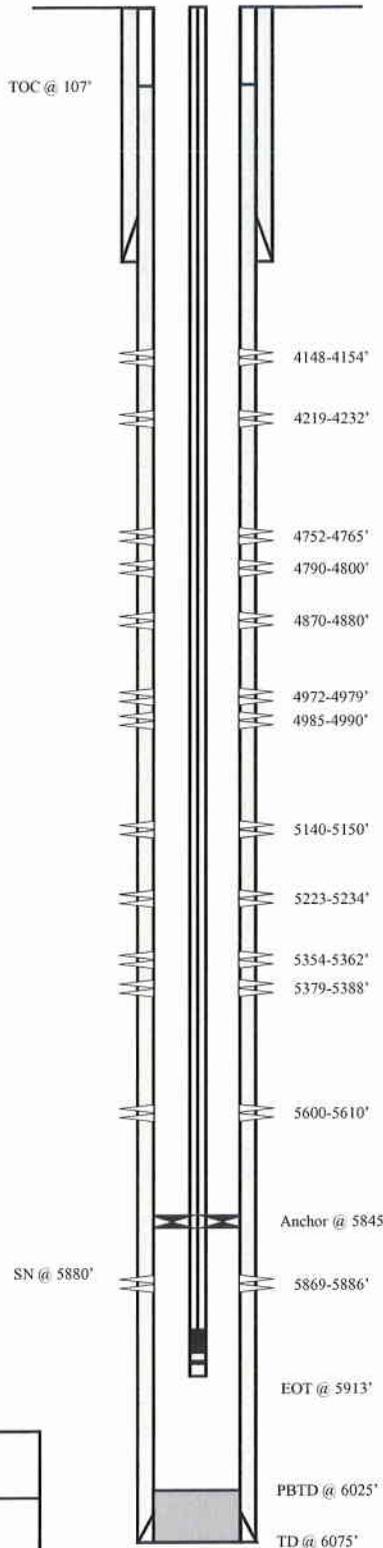
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137jts (6072.44')
 DEPTH LANDED: 6070.44'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Premlite II & 450 sxs 50/50 POZ.
 CEMENT TOP: 103' per CBL 4/18/07

TUBING (KS 11/28/12)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 185jts (5833.4')
 TUBING ANCHOR: 5845.4'
 NO. OF JOINTS: 1jt (31.6')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5879.8'
 NO. OF JOINTS: 1jt (31.6')
 NOTCHED COLLAR: 2-7/8" (0.5')
 TOTAL STRING LENGTH: EOT @ 5913'

SUCKER RODS (KS 11/28/12)

POLISHED ROD: 26' x 1-1/2" Polished Rod
 SUCKER RODS: 99 x 3/4" 4per Guided Rods, 111 x 3/4" Sucker Rods, 18 x 3/4" 4per Guided Rods, 6 x 1-1/2" Sinker Bars
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12' x 16' RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 3.9
 PUMPING UNIT: AMERICAN C-228-246-86



FRAC JOB

05/07/07	5869-5886'	Frac CP4 sands as follows: 58920# 20/40 sand in 518 bbls Lightning 17 frac fluid.
05/07/07	5600-5610'	Frac CP1 sands as follows: 24630# 20/40 sand in 362 bbls Lightning 17 frac fluid.
05/08/07	5354-5388'	Frac LODC sands as follows: 59848# 20/40 sand in 500 bbls Lightning 17 frac fluid.
05/08/07	5223-5234'	Frac A3 sands as follows: 29710# 20/40 sand in 343 bbls Lightning 17 frac fluid.
05/08/07	5140-5150'	Frac A1 sands as follows: 45023# 20/40 sand in 417 bbls Lightning 17 frac fluid.
05/08/07	4985-4990'	Frac B2 sands as follows: 49798# 20/40 sand in 438 bbls Lightning 17 frac fluid.
05/08/07	4870-4979	Frac C sands as follows: 19413# 20/40 sand in 293 bbls Lightning 17 frac fluid.
05/08/07	4752-4800	Frac D3 & D2 sands as follows: 90249# 20/40 sand in 1959 bbls Lightning 17 frac fluid.
05/08/07	4148-4232	Frac GB6 & GB4 sands as follows: 40824# 20/40 sand in 382 bbls Lightning 17 frac fluid.
05/23/08		updated rod and tubing detail
03/12/11		Parted Rods. Rod & tubing details updated

PERFORATION RECORD

04/18/07	5869-5886'	4 JSPF	68 holes
05/07/07	5600-5610'	4 JSPF	40holes
05/07/07	5379-5388'	4 JSPF	36 holes
05/08/07	5354-5362'	4 JSPF	32 holes
05/08/07	5223-5234'	4 JSPF	44 holes
05/08/07	5140-5150'	4 JSPF	40 holes
05/08/07	4985-4990'	4 JSPF	20 holes
05/08/07	4972-4979'	4 JSPF	28 holes
05/08/07	4870-4880'	4 JSPF	40 holes
05/08/07	4790-4800'	4 JSPF	40 holes
05/08/07	4752-4765'	4 JSPF	52 holes
05/08/07	4219-4232'	4 JSPF	52 holes
05/08/07	4148-4154'	4 JSPF	24 holes

NEWFIELD

FEDERAL 14-9-9-16

718' FSL & 1976' FWL

SE/SW Section 9-T9S-R16E

Duchesne Co, Utah

API #43-013-33053; Lease # UTU-79831

Federal 8-8-9-16

Spud Date: 1-25-07
 Put on Production: 5-1-07
 GL: 5862' KB: 5874'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (311.37')
 DEPTH LANDED: 323.22' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

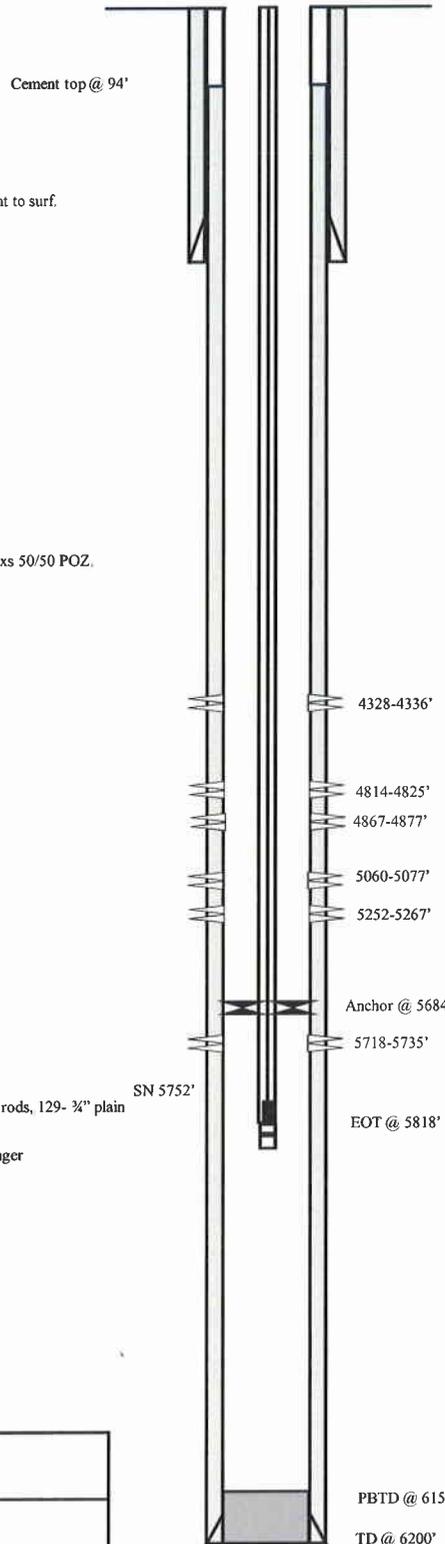
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 144 jts (6189.94')
 DEPTH LANDED: 6203.19' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 94'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 192 jts (6066.48')
 TUBING ANCHOR: 5684.32' KB
 NO. OF JOINTS: 1 jts (31.64')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5751.67' KB
 NO. OF JOINTS: 2 jts (63.14')
 TOTAL STRING LENGTH: EOT @ 5817.80' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-2' X 3/4" pony rods, 99- 3/4" guided rods, 129- 3/4" plain rods, 10- 3/4" guided rods, 6- 1 1/2" weighted rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 14.5' RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM



FRAC JOB

04-23-07	5718-5735'	Frac CP1 sands as follows: 80674# 20/40 sand in 619 bbls Lightning 17 frac fluid. Treated @ avg press of 2351 psi w/avg rate of 24.8 BPM. ISIP 2148 psi. Calc flush: 5716 gal. Actual flush: 5208 gal.
04-24-07	5252-5267'	Frac a1 sands as follows: 80738# 20/40 sand in 608 bbls Lightning 17 frac fluid. Treated @ avg press of 1873 psi w/avg rate of 23.9 BPM. ISIP 2166 psi. Calc flush: 5250 gal. Actual flush: 4788 gal.
04-24-07	5060-5077'	Frac B1 sands as follows: 75928# 20/40 sand in 549 bbls Lightning 17 frac fluid. Treated @ avg press of 1782 psi w/avg rate of 24.5 BPM. ISIP 2088 psi. Calc flush: 5058 gal. Actual flush: 4578 gal.
04-24-07	4814-4877'	Frac D2, & D1 sands as follows: 151956# 20/40 sand in 1015 bbls Lightning 17 frac fluid. Treated @ avg press of 1787 w/avg rate of 25.1 BPM. ISIP 2055 psi. Calc flush: 4812 gal. Actual flush: 4326 gal.
04-24-07	4328-4336'	Frac GB6 sands as follows: 40746# 20/40 sand in 378 bbls Lightning 17 frac fluid. Treated @ avg press of 1820 w/avg rate of 25.1 BPM. ISIP 1819 psi. Calc flush: 4326 gal. Actual flush: 4242 gal.

PERFORATION RECORD

04-17-07	5718-5735'	4 JSPF	68 holes
04-23-07	5252-5267'	4 JSPF	60 holes
04-24-07	5060-5077'	4 JSPF	68 holes
04-24-07	4867-4877'	4 JSPF	40 holes
04-24-07	4814-4825'	4 JSPF	44 holes
04-24-07	4328-4336'	4 JSPF	32 holes

NEWFIELD

Federal 8-8-9-16
 2102' FNL & 536' FEL
 SE/NE Section 8-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33057; Lease # UTU-79833

Spud Date: 3-14-07
 Put on Production: 4-23-07
 GL: 5892' KB: 5904'

Federal 9-8-9-16

Injection Wellbore Diagram

SURFACE CASING

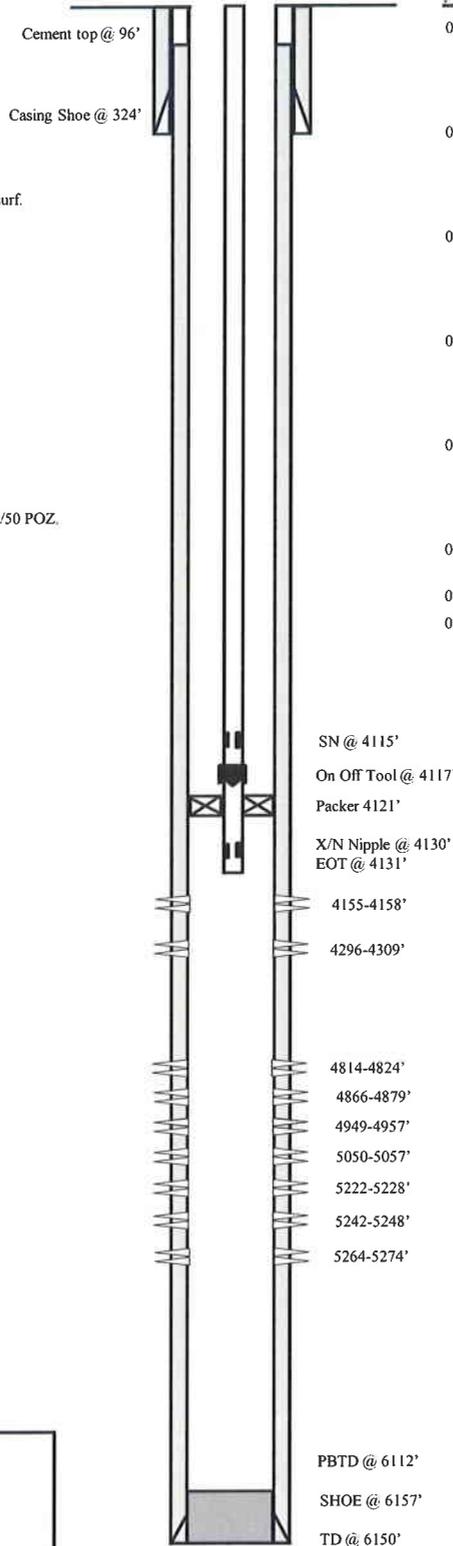
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (312.93')
 DEPTH LANDED: 323.83' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 139 jts (6053.57')
 DEPTH LANDED: 6157.35' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 96'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 133 jts (4103.5')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4115.5' KB
 ON/OFF TOOL AT: 4116.6'
 PACKER CE @ 4121.39'
 XO 2-3/8 x 2-7/8 AT: 4125.0'
 TBG SUB AT: 4125.6
 X/N NIPPLE 2-3/8 / 4.7# J-55 AT: 4129.7'
 TOTAL STRING LENGTH: EOT @ 4131' KB



FRAC JOB

04-19-07	5222-5274'	Frac A3, & A1 sands as follows: 100620# 20/40 sand in 712 bbls Lightning 17 frac fluid. Treated @ avg press of 1866 psi w/avg rate of 25.2 BPM. ISIP 2198 psi. Calc flush: 5220 gal. Actual flush: 4746 gal.
04-19-07	5050-5057'	Frac B1 sands as follows: 24901# 20/40 sand in 341 bbls Lightning 17 frac fluid. Treated @ avg press of 1844 psi w/avg rate of 25.6 BPM. ISIP 1903 psi. Calc flush: 5048 gal. Actual flush: 4578 gal.
04-19-07	4949-4957'	Frac C sands as follows: 15025# 20/40 sand in 268 bbls Lightning 17 frac fluid. Treated @ avg press of 2058 psi w/avg rate of 25.5 BPM. ISIP 3687 psi. Calc flush: 4947 gal. Actual flush: 4494 gal.
04-19-07	4814-4879'	Frac D2, & D1 sands as follows: 140271# 20/40 sand in 940 bbls Lightning 17 frac fluid. Treated @ avg press of 1825 w/ avg rate of 25.5 BPM. ISIP 2118 psi. Calc flush: 4812 gal. Actual flush: 4326 gal.
04-20-07	4296-4309'	Frac GB4 sands as follows: 75560# 20/40 sand in 560 bbls Lightning 17 frac fluid. Treated @ avg press of 1672 w/ avg rate of 25.4 BPM. ISIP 1958 psi. Calc flush: 4294 gal. Actual flush: 4200 gal.
09/12/12	4155-4158'	Frac GB2 sands as follows: 10170# 20/40 sand in 107 bbls Lightning 17 frac fluid.
09/13/12		Conversion to Injection Well
09/14/12		Conversion MIT Finalized – update tbg detail

PERFORATION RECORD

Date	Interval	Tool	Holes
04-13-07	5264-5274'	4 JSPF	40 holes
04-13-07	5242-5248'	4 JSPF	24 holes
04-13-07	5222-5228'	4 JSPF	24 holes
04-19-07	5050-5057'	4 JSPF	28 holes
04-19-07	4949-4957'	4 JSPF	32 holes
04-19-07	4866-4879'	4 JSPF	52 holes
04-19-07	4814-4824'	4 JSPF	40 holes
04-19-07	4296-4309'	4 JSPF	52 holes
09-11-12	4155-4158'	3 JSPF	9 holes

NEWFIELD

Federal 9-8-9-16
 2136' FSL & 944' FEL
 NE/SE Section 8-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33058; Lease # UTU-64379

FEDERAL 10-8-9-16

Spud Date: 1/10/07
Put on Production: 03/20/07

Initial Production: BOPD,
MCFD, BWPD

GL: 5883' KB: 5895'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (291.07')
DEPTH LANDED: 302.92' 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: 140 jts. (6164.87')
DEPTH LANDED: 6178.12' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 48'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 181 jts (5652')
TUBING ANCHOR: 5664'
NO. OF JOINTS: 2 jts (63.2')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5730'
NO. OF JOINTS: 2 jts (60.4')
TOTAL STRING LENGTH: EOT @ 5792'

SUCKER RODS

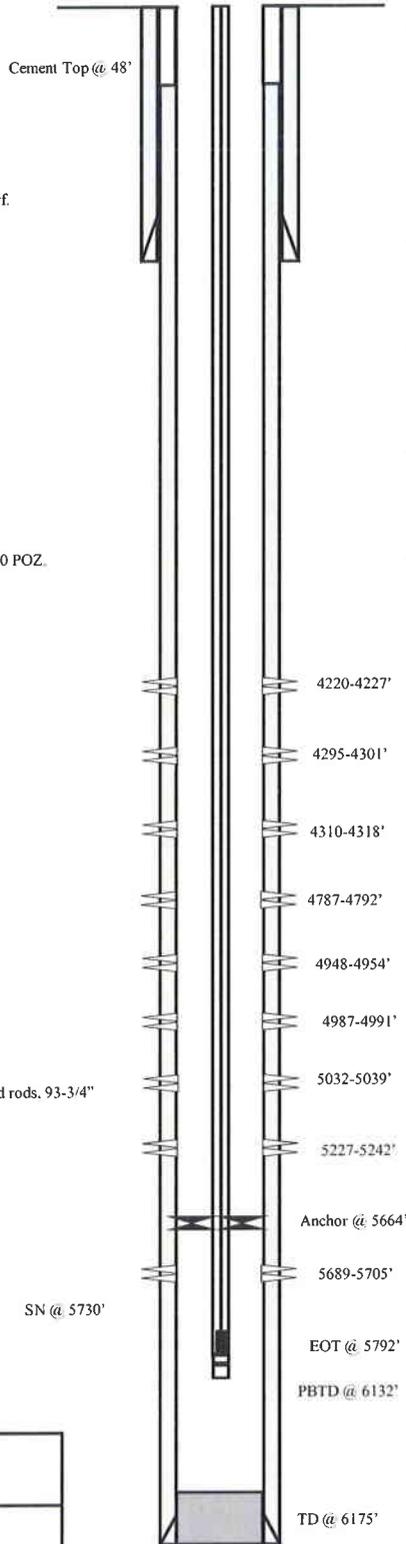
POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-2', 1-4', 1-8' x 3/4" ponies, 99-3/4" scraped rods, 93-3/4" plain rods, 30-3/4" scraped rods 6-1 1/2" weight rods.
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16" RHAC w/ sm Plunger
STROKE LENGTH: 86"
PUMP SPEED, 5 SPM

FRAC JOB

03/14/07	5689-5705'	Frac CP1 sands as follows: 70351# 20/40 sand in 534 bbls Lightning 17 frac fluid. Treated @ avg press of 1715 psi w/avg rate of 25.3 BPM. ISIP 1865 psi. Calc flush: 5687 gal. Actual flush: 5166 gal.
02/26/07	5227-5242'	Frac A1 sands as follows: 70779# 20/40 sand in 576 bbls Lightning 17 frac fluid. Treated @ avg press of 1820 psi w/avg rate of 25.3 BPM. ISIP 2700 psi. Calc flush: 5225 gal. Actual flush: 4746 gal.
03/15/07	5039-4948'	Frac C & B1 sands as follows: 60243# 20/40 sand in 479 bbls Lightning 17 frac fluid. Treated @ avg press of 1637 psi w/avg rate of 25.2 BPM. ISIP 1750 psi. Calc flush: 5037 gal. Actual flush: 4444 gal.
03/15/07	4787-4792'	Frac D1 sands as follows: 14960# 20/40 sand in 232 bbls Lightning 17 frac fluid. Treated @ avg press of 1909 psi w/avg rate of 25.3 BPM. ISIP 1740 psi. Calc flush: 4785 gal. Actual flush: 4240 gal.
03/15/07	4318-4295'	Frac GB6 sands as follows: 40023# 20/40 sand in 358 bbls Lightning 17 frac fluid. Treated @ avg press of 1617 psi w/avg rate of 14.7 BPM. ISIP 2025 psi. Calc flush: 4316 gal. Actual flush: 3822 gal.
03/01/07	4220-4227'	Frac GB4 sands as follows: 23024# 20/40 sand in 251 bbls Lightning 17 frac fluid. Treated @ avg press of 2030 psi w/avg rate of 25.2 BPM. ISIP 2030 psi. Calc flush: 4218 gal. Actual flush: 4116 gal.
11-30-07		Pump Change. Updated rod & tubing details.
4220-4227'	2/22/08	Pump change. Updated rod & tubing details.
	3:23/09	Pump change. Updated r & t details.
4295-4301'	10/8/09	Parted rods. Updated rod & tubing details.
	1/23/2010	Tubing Leak. Update rod and tubing details.

PERFORATION RECORD

03/07/07	5689-5705'	4 JSPF	64 holes
03/14/07	5227-5242'	4 JSPF	60 holes
03/14/07	5032-5039'	4 JSPF	28 holes
03/14/07	4987-4991'	4 JSPF	16 holes
03/14/07	4948-4954'	4 JSPF	24 holes
03/14/07	4787-4792'	4 JSPF	20 holes
03/15/07	4310-4318'	4 JSPF	32 holes
03/15/07	4295-4301'	4 JSPF	24 holes
03/15/07	4220-4227'	4 JSPF	28 holes





FEDERAL 10-8-9-16
1837'FSL & 1994' FEL
NW/SE Section 8-T9S-R16E
Duchesne Co, Utah
API #43-043-33059; Lease # UTU-64379

Federal 15-8-9-16

Spud Date: 01/11/07
 Put on Production: 03/09/07
 K.B.: 5934, G.L.: 5922

Injection Wellbore Diagram

SURFACE CASING

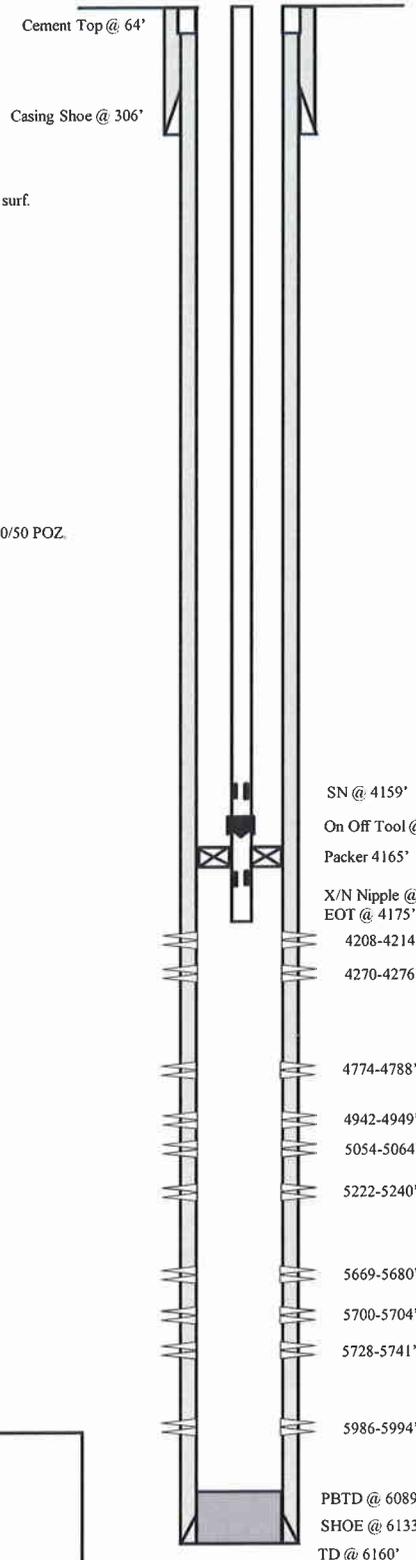
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (294.01')
 DEPTH LANDED: 305.86' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 139 jts. (6120.05')
 DEPTH LANDED: 6133.30' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP: 64'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 131 jts (4146.8')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4158.8' KB
 ON/OFF TOOL AT: 4159.9'
 ARROW #1 PACKER CE AT: 4165.1'
 XO 2-3/8 x 2-7/8 J-55 AT: 4168.8'
 TBG PUP 2-3/8 J-55 AT: 4169.4'
 X/N NIPPLE AT: 4173.5'
 TOTAL STRING LENGTH: EOT @ 4175'



FRAC JOB

03/02/07 5986-5994' **Frac CP5 sands as follows:**
 20494# 20/40 sand in 312 bbls Lightning 17 frac fluid. Treated @ avg press of 2232 psi w/avg rate of 24.9 BPM. ISIP 2044 psi. Calc flush: 5992 gal. Actual flush: 5477 gal.

03/02/07 5669-5741' **Frac CP1,CP2 sands as follows:**
 80764# 20/40 sand in 604 bbls Lightning 17 frac fluid. Treated @ avg press of 1494 psi w/avg rate of 24.8 BPM. ISIP 1909 psi. Calc flush: 5739 gal. Actual flush: 5124 gal.

03/02/07 5222-5240' **Frac A1 sands as follows:**
 161764# 20/40 sand in 1071 bbls Lightning 17 frac fluid. Treated @ avg press of 1500 psi w/avg rate of 24.9 BPM. ISIP 1944 psi. Calc flush: 5238 gal. Actual flush: 5250 gal.

03/05/07 5054-5064' **Frac B2 sands as follows:**
 29798# 20/40 sand in 385 bbls Lightning 17 frac fluid. Treated @ avg press of 1628 psi w/avg rate of 25.2 BPM. ISIP 1839 psi. Calc flush: 5062 gal. Actual flush: 4578 gal.

03/06/07 4942-4949' **Frac C sands as follows:**
 29152# 20/40 sand in 371 bbls Lightning 17 frac fluid. Treated @ avg press of 2111 psi w/avg rate of 24.9 BPM. ISIP 1839psi. Calc flush: 4947 gal. Actual flush: 4452 gal.

03/06/07 4774-4788' **Frac D1 sands as follows:**
 79970# 20/40 sand in 595 bbls Lightning 17 frac fluid. Treated @ avg press of 1620 psi w/avg rate of 25.1 BPM. ISIP 2065 psi. Calc flush: 4786 gal. Actual flush: 4242 gal.

03/06/07 4208-4276' **Frac GB2, GB4 sands as follows:**
 42220# 20/40 sand in 360 bbls Lightning 17 frac fluid. Treated @ avg press of 2038 psi w/avg rate of 24.9 BPM. ISIP 1970 psi. Calc flush: 4274 gal. Actual flush: 4116 gal.

2/24/09 **Pump Change.** Updated rod & tubing details.
 11/25/09 **Parted rods.** Updated rod and tubing detail
 9/7/2010 **Parted rods.** Updated rod and tubing detail.
 10/1/2010 **Pump change.** Updated rod and tubing detail.
 10/19/12 **Convert to Injection Well**

10/22/12 **Conversion MIT Finalized - update tbg detail**

PERFORATION RECORD

Date	Interval	JSPF	Holes
02/21/07	5986-5994'	4 JSPF	32 holes
03/02/07	5728-5741'	4 JSPF	52 holes
03/02/07	5700-5704'	4 JSPF	16 holes
03/02/07	5669-5680'	4 JSPF	44 holes
03/02/07	5222-5240'	4 JSPF	72 holes
03/02/07	5054-5064'	4 JSPF	40 holes
03/05/07	4942-4949'	4 JSPF	28 holes
03/06/07	4774-4788'	4 JSPF	56 holes
03/06/07	4270-4276'	4 JSPF	24 holes
03/06/07	4208-4214'	4 JSPF	24 holes



Federal 15-8-9-16
 703' FSL & 1952' FEL
 SW/SE Section 8-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33060; Lease #UTU-64379

Federal 16-8-9-16

Spud Date: 02/06/07
Put on Production: 03/21/07

K.B.: 5876, G.L.: 5864

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (308.18')
DEPTH LANDED: 320.03' 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 jts. (6054.21')
DEPTH LANDED: 6104.47' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 301 sxs Prem. Lite II mixed & 449 sxs 50/50 POZ.

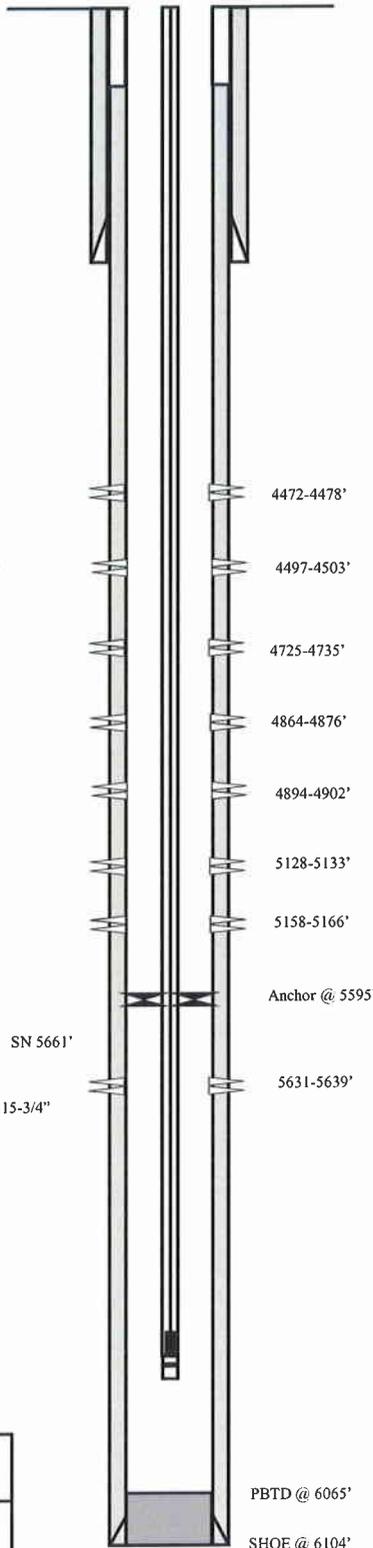
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 177 jts (5583.61')
TUBING ANCHOR: 5595.61' KB
NO. OF JOINTS: jts (63.06')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5661.42' KB
NO. OF JOINTS: 2 jts (63.12')
TOTAL STRING LENGTH: EOT @ 5726.09' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-8", 1-4'-1-2" x 3/4" pony rod, 94-3/4" guided rods, 115-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 14.5' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, 5 SPM:

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

03/13/07 5627-5732' **Frac CP2, sands as follows:**
26883# 20/40 sand in 357 bbls Lightning 17 frac fluid. Treated @ avg press of 2479 psi w/avg rate of 25.2 BPM. ISIP 2080 psi. Calc flush: 5730 gal. Actual flush: 5124 gal.

03/13/07 5128-5166' **Frac A3 sands as follows:**
24821# 20/40 sand in 347 bbls Lightning 17 frac fluid. Treated @ avg press of 2094 psi w/avg rate of 25.2 BPM. ISIP 2080 psi. Calc flush: 5164 gal. Actual flush: 4624 gal.

03/13/07 4864-4902' **Frac C sands as follows:**
95479# 20/40 sand in 684 bbls Lightning 17 frac fluid. Treated @ avg press of 1795 psi w/avg rate of 25.2 BPM. ISIP 2133 psi. Calc flush: 4900 gal. Actual flush: 4364 gal.

03/13/07 4725-4735' **Frac D1 sands as follows:**
45323# 20/40 sand in 377 bbls Lightning 17 frac fluid. Treated @ avg press of 1834 psi w/avg rate of 25.2 BPM. ISIP 2100 psi. Calc flush: 4733 gal. Actual flush: 4204 gal.

03/13/07 4472-4503' **Frac PB10, PB11 sands as follows:**
22086# 20/40 sand in 270 bbls Lightning 17 frac fluid. Treated @ avg press of 2550 psi w/avg rate of 25.3 BPM. ISIP 2425 psi. Calc flush: 4501 gal. Actual flush: 4368 gal.

PERFORATION RECORD

03/01/07	5631-5639'	4 JSPF	32 holes
03/13/07	5158-5166'	4 JSPF	32 holes
03/13/07	5128-5133'	4 JSPF	20 holes
03/13/07	4894-4902'	4 JSPF	32 holes
03/13/07	4864-4876'	4 JSPF	48 holes
03/13/07	4725-4735'	4 JSPF	40 holes
03/13/07	4497-4503'	4 JSPF	24 holes
03/13/07	4472-4478'	4 JSPF	24 holes

NEWFIELD

Federal 16-8-9-16

418' FSL & 629' FEL

SE/SE Section 8-T9S-R16E

Duchesne Co, Utah

API #43-013-33061; Lease #UTU-64379

State 4-16-9-16

Spud Date: 4/1/08
 Put on Production: 6/3/08
 GL: 5881' KB: 5893'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7jts (300.96')
 DEPTH LANDED: 312.81' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

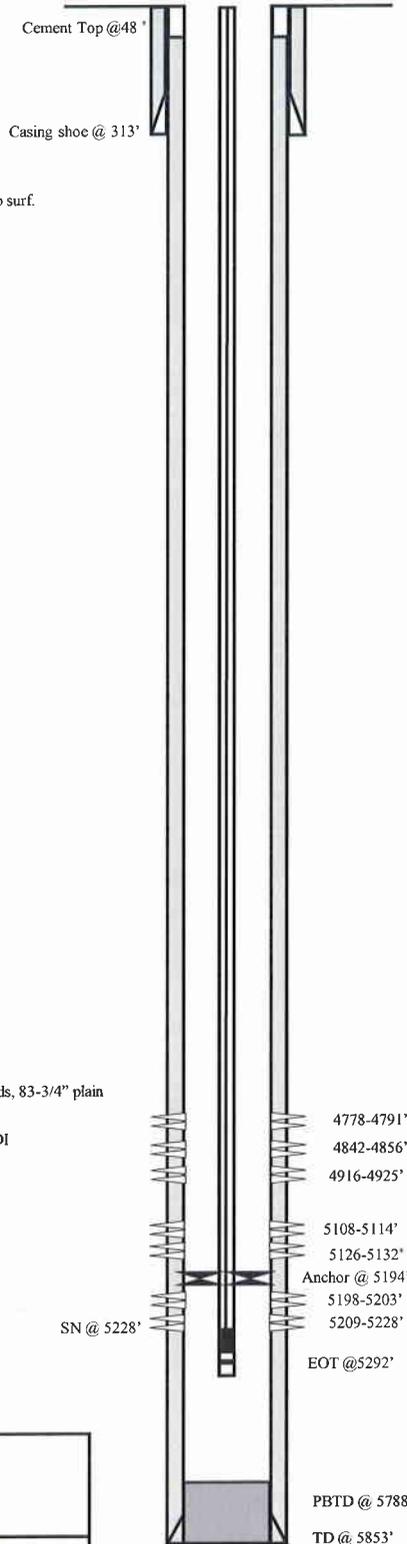
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 158jts 5819.28
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5832.53'
 CEMENT DATA: 300 sx Premlite II and 400 sx 50/50 Poz
 CEMENT TOP AT: 48'

TUBING

SIZE/GRADE/WT.: 2 7/8" J-55 /6.5#
 NO. OF JOINTS: 175 jts 5182.02
 TUBING ANCHOR: 5194.02'
 NO. OF JOINTS: 1jt (31.52')
 SEATING NIPPLE: 2 7/8"
 SN LANDED AT: 5228.29'
 NO. OF JOINTS: 2jts 62.47
 TOTAL STRING LENGTH: EOT@ 5292.31'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod
 SUCKER RODS: 1-2', 8' x 3/4" pony subs, 99-3/4" guided rods, 83-3/4" plain rods, 20-3/4" guided rods, 6-1 1/2" weight bars
 PUMP SIZE: 2 1/2" x 1 1/2" x 12' x 15 1/2" RHAC rod pump CDI
 STROKE LENGTH: 58
 PUMP SPEED, SPM: 5



FRAC JOB

05-28-08 5209-5228' Frac LODC sds as follows:
 200,061# 20/40 sand in 1373 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1997 psi w/ ave rate of 27.3 BPM. ISIP 2322 psi. Actual Flush: 4683 gals.

05-28-08 5108-5114' Frac A1 & A3 sds as follows:
 120,424# 20/40 sand in 868 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1922 psi w/ ave rate of 27.0 BPM. ISIP 2220 psi. Actual Flush: 4616 gals.

05-28-08 4916-4925' Frac B1 sds as follows:
 54,952# 20/40 sand in 495 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1767 psi w/ ave rate of 23.4 BPM. ISIP 1705 psi. Actual Flush: 4406 gals.

05-28-08 4842-4856' Frac C sds as follows:
 115,003# 20/40 sand in 846 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1920 psi w/ ave rate of 23.5 BPM. ISIP 1926 psi. Actual Flush: 4330 gals.

05-28-08 4778-4791' Frac D3 sds as follows:
 115,003# 20/40 sand in 846 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1920 psi w/ ave rate of 23.5 BPM. ISIP 1926 psi. Actual Flush: 4679 gals.

3/28/09 Pump Change. Updated r & t details.
 6/5/09 Pump Change. Updated rod & tubing details.

PERFORATION RECORD

4778-4791'	4 JSPF	52 holes
4842-4856'	4 JSPF	56 holes
4916-4925'	4 JSPF	36 holes
5108-5114'	4 JSPF	24 holes
5126-5132'	4 JSPF	24 holes
5198-5203'	4 JSPF	20 holes
5209-5228'	4 JSPF	76 holes

NEWFIELD



State 4-16-9-16
 660' FNL & 815' FWL
 NW/NW Section 16-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33848; Lease #Utah State ML-16532

Federal 1-17-9-16

Spud Date: 9-13-06
 Put on Production: 11-15-06
 GL: 5878' KB: 5890'

Injection Wellbore Diagram

SURFACE CASING

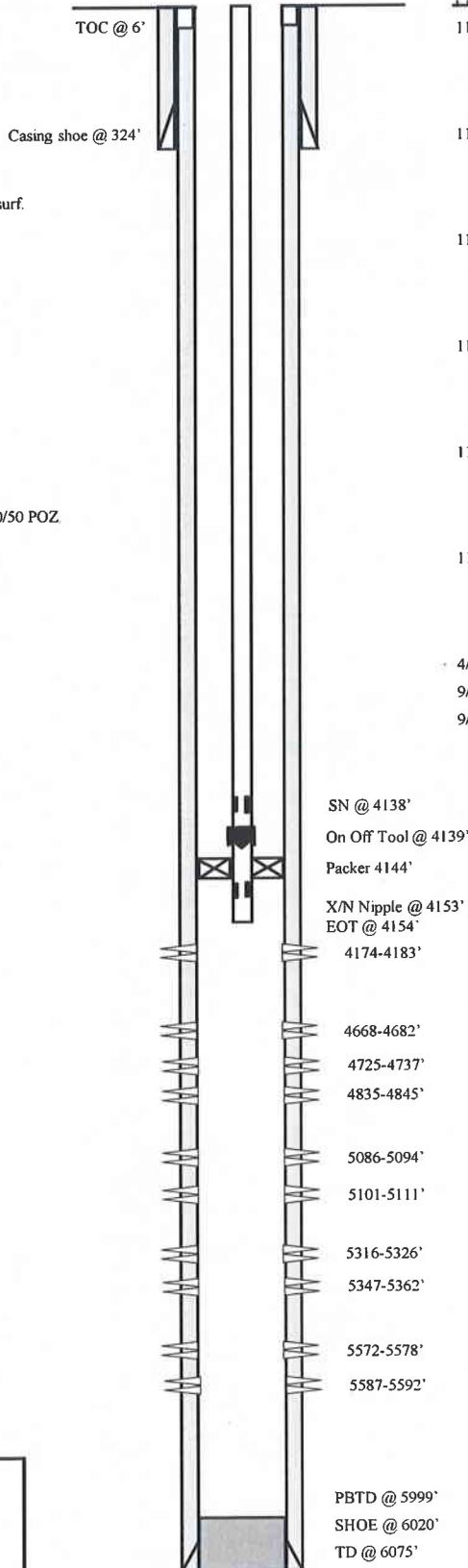
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (311.97')
 DEPTH LANDED: 323.82' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts (6007.66')
 DEPTH LANDED: 6020.91' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 6'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 136 jts (4126.3')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4138.3' KB
 ON/OFF TOOL AT: 4139.4'
 SEAL NIPPLE AT: 4140.8'
 ARROW #1 PACKER CE AT: 4144.47'
 XO 2-3/8 x 2-7/8 J-55 AT: 4148.1'
 TBG PUP 2-3/8 N-80 AT: 4148.6'
 X/N NIPPLE AT: 4152.6'
 TOTAL STRING LENGTH: EOT @ 4154'



FRAC JOB

11-07-06 5572-5592' **Frac CP1 sands as follows:**
 25276# 20/40 sand in 354 bbls Lightning 17 frac fluid Treated @ avg press of 2000 psi w/avg rate of 25.5 BPM. ISIP 2000 psi. Calc flush: 5107 gal. Actual flush: 5570 gal.

11-07-06 5316-5362' **Frac LODC sands as follows:**
 140563# 20/40 sand in 964 bbls Lightning 17 frac fluid Treated @ avg press of 2425 psi w/avg rate of 25 BPM. ISIP 2450 psi. Calc flush: 4809 gal. Actual flush: 5314 gal.

11-08-06 5086-5111' **Frac A 1 sands as follows:**
 90538# 20/40 sand in 724 bbls Lightning 17 frac fluid Treated @ avg press of psi w/avg rate of BPM. ISIP 2190 psi. Calc flush: 4578 gal. Actual flush: 5084 gal.

11-08-06 4835-4845' **Frac C sands as follows:**
 30222# 20/40 sand in 404 bbls Lightning 17 frac fluid Treated @ avg press of 2105 w/ avg rate of 25.5 BPM. ISIP 2060 psi. Calc flush: 4368 gal. Actual flush: 4833 gal.

11-08-06 4668-4737' **Frac D1, & D2 sands as follows:**
 80170# 20/40 sand in 587 bbls Lightning 17 frac fluid Treated @ avg press of 1932 w/ avg rate of 25.5 BPM. ISIP 2090 psi. Calc flush: 4162 gal. Actual flush: 4666 gal.

11-08-06 4174-4183' **Frac GB4 sands as follows:**
 27661# 20/40 sand in 296 bbls Lightning 17 frac fluid Treated @ avg press of 1800 w/ avg rate of 25.3 BPM. ISIP 1818 psi. Calc flush: 4032 gal. Actual flush: 4172 gal.

4/13/11 **Tubing leak.** Updated rod & tubing detail

9/14/12 **Convert to Injection well**

9/18/12 **Conversion MIT Finalized** - update tbg detail

PERFORATION RECORD

Date	Interval	Tool	Holes
11-01-06	5587-5592'	4 JSPF	20 holes
11-01-06	5572-5578'	4 JSPF	24 holes
11-07-06	5347-5362'	4 JSPF	60 holes
11-07-06	5316-5326'	4 JSPF	40 holes
11-07-06	5101-5111'	4 JSPF	40 holes
11-07-06	5086-5094'	4 JSPF	32 holes
11-08-06	4835-4845'	4 JSPF	40 holes
11-08-06	4725-4737'	4 JSPF	48 holes
11-08-06	4668-4682'	4 JSPF	56 holes
11-08-06	4174-4183'	4 JSPF	36 holes

NEWFIELD



Federal 1-17-9-16

660' FNL & 660' FEL

NE/NE Section 17-T9S-R16E

Duchesne Co, Utah

API # 43-013-33028; Lease # UTU-64379

NEWFIELD



GMBU I-8-9-16

Monument Butte - Duchesne County, Utah, USA

Surface Legal Location: SE/NE - Sec 8, T9S, R16E; 2103' FNL & 515' FEL

Elevation: 5882' GL + 10' KB

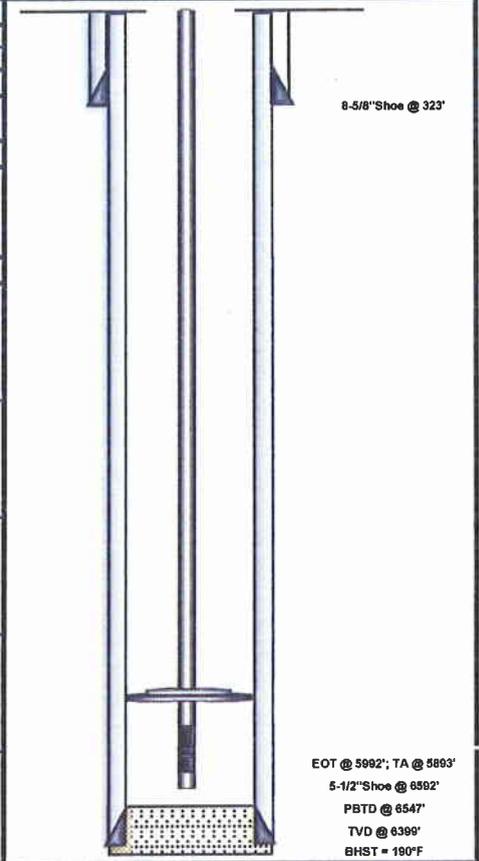
API#: 43-013-51138; Lease#: UTU-79833

Paul Lembcke

DLB 5/2/13

Spud Date: 1/16/13; PoP Date: 3/6/2013

Casing Detail	Casing	Top	Bottom	Size	Wt	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
	Surf	10'	323'	8.825	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250
Prod	10'	6.892'	5.500	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875	
TBG Detail	Top	Bottom	Coupling	Size	Wt	Grade	Drift	Burst	Collapse	ID	Packer/Hanger		
	10'	5.992'	8EUE	2-7/8"	8.5#	J-55	2.347"	7,260	7,680	2.441"	Tubing Anchor Set @ 5,893'		
ROD DETAIL	Component		Top	Bottom	Size	Grade	Length	Count	Pump				
	Polish Rod		0'	30'	1.1/2"	C(API)	30	1	Insert Pump 2.5 Max ID x 1.75 Plunger RTBC @				
	4per Guided Rod		30'	1,830'	7/8"	Tenaris D78	1800	72	5,905'				
	4per Guided Rod		1,830'	5,155'	3/4"	Tenaris D78	3325	133					
8per Guided Rod		5,155'	5,905'	7/8"	Tenaris D78	750	30						
Stage	Top	Bottom	SPF	EHD	Date	Frac Summary							
	4,420'	4,422'	3	0.34	2/25/2013	Formation:	GB8	GB4					
5	4,493'	4,494'	3	0.34	2/25/2013	20/40 White:	59,287 lbs	15% HCl:	0 gals				
	4,502'	4,504'	3	0.34	2/25/2013	Pad:	1,877 gals	Treating Fluid:	13,887 gals				
	4,516'	4,518'	3	0.34	2/25/2013	Flush:	4,439 gals	Load to Recover:	20,004 gals				
						ISIP=	0.901 psi/ft	Max STP:	3,193 psi				
4	4,946'	4,948'	3	0.34	2/25/2013	Formation:	D1	DS3					
	4,979'	4,980'	3	0.34	2/25/2013	20/40 White:	84,153 lbs	15% HCl:	500 gals				
	4,988'	4,990'	3	0.34	2/25/2013	Pad:	1,772 gals	Treating Fluid:	18,590 gals				
	4,998'	5,000'	3	0.34	2/25/2013	Flush:	5,011 gals	Load to Recover:	25,873 gals				
3	5,166'	5,168'	3	0.34	2/25/2013	Formation:	B1	C Sand					
	5,236'	5,238'	3	0.34	2/25/2013	20/40 White:	58,477 lbs	15% HCl:	500 gals				
	5,254'	5,256'	3	0.34	2/25/2013	Pad:	1,890 gals	Treating Fluid:	13,124 gals				
						Flush:	5,099 gals	Load to Recover:	20,612 gals				
2	5,448'	5,450'	3	0.34	2/25/2013	Formation:	A3						
	5,460'	5,462'	3	0.34	2/25/2013	20/40 White:	41,103 lbs	15% HCl:	500 gals				
						Pad:	1,693 gals	Treating Fluid:	9,129 gals				
						Flush:	5,401 gals	Load to Recover:	16,722 gals				
1	5,898'	5,900'	3	0.34	2/25/2013	Formation:	CP Half						
						20/40 White:	18,627 lbs	15% HCl:	752 gals				
						Pad:	9,538 gals	Treating Fluid:	3,990 gals				
						Flush:	5,804 gals	Load to Recover:	19,833 gals				
					ISIP=	0.780 psi/ft	Max STP:	3,849 psi					



CEMENT	Surf	On 1/21/13 Baker cemented 8 5/8" casing w/ 160 sks Class "G" + 2% KCl + 0.25#/sk Celco Flake at 15.6 ppg w/ 1.17 yield and returned 4 bbls to the pit
	Prod	On 2/6/13 Halliburton pumped 290 sks lead @ 11 ppg w/ 2.71 yield plus 460 sks tail @ 14.4 ppg w/ 1.21 yield. Returned 35 bbls to the pit. TOC @ 990'

EOT @ 5892'; TA @ 5893'
 5-1/2" Shoe @ 6592'
 PBTD @ 6547'
 TVD @ 6399'
 BHST = 180°F

NEWFIELD



GBU F-9-9-16

Monument Butte - Duchesne County, Utah, USA

Surf Legal Location: SE/NE - Sec 8, T9S, R10E; 2,100' FNL & 494' FEL

5862' GL + 10' KB

API#: 43-013-51139; Lease#: UTU-79833

Paul Lembcke

DLB 5/2/13

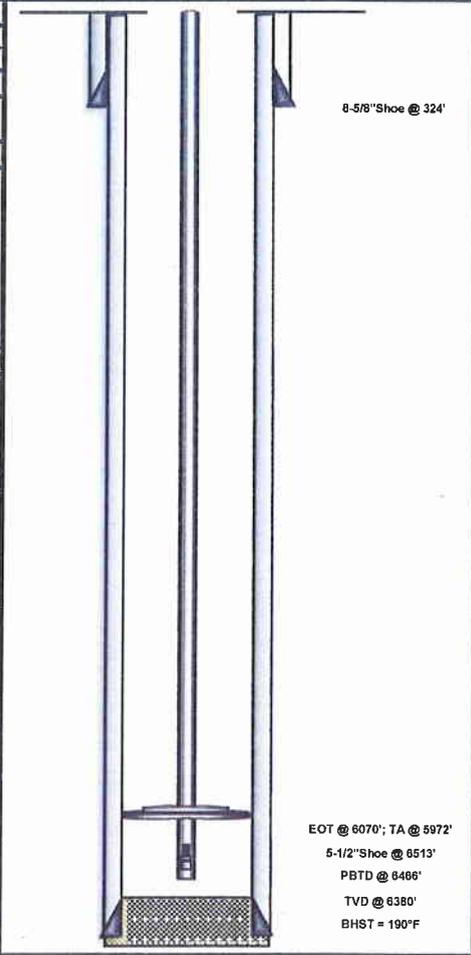
Spud Date: 1/17/13; PoP Date: 3/6/13

Casing Detail	Casing	Top	Bottom	Size	Wt	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
	Surf	10'	324'	8 625	24#	J-55	7 972"	2,950	1,370	8 097"	2 6749	STC	12 250
Prod	10'	8 513'	5 500	15 5#	J-55	4 825"	4,810	4,040	4 950"	0 9997	LTC	7 875	

TBG Detail	Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger	
	10'	6,070'	8EUE	2-7/8"	8.5#	J-55	2.347"	7,260	7,680	2.441"		Tubing Anchor Set @

ROD DETAIL	Component		Top	Bottom	Size	Grade	Length	Count	Pump			
	Polish Rod		0'	30'	1 1/2"	C(API)	30	1	Insert Pump 2 5 Max ID x 1 75 Plunger RHAC @			
Pony Rod		30'	32'	3/4"	C(API)	2	1	6,000'				
Pony Rod		32'	36'	7/8"	C(API)	4	1					
Pony Rod		36'	42'	7/8"	C(API)	6	1					
Polish Rod		42'	50'	7/8"	C(API)	8	1					
Upper Guided Rod		50'	2,025'	7/8"	Tenaris D76	1975	79					
Upper Guided Rod		2,025'	5,250'	3/4"	Tenaris D76	3225	129					
Upper Guided Rod		5,250'	8,000'	7/8"	Tenaris D76	750	30					

Stage	Top	Bottom	SPF	EHD	Date	Frac Summary					
5	4,469'	4,470'	3	0.34	2/28/2013	Formation:	GB6				
	4,473'	4,476'	3	0.34	2/28/2013	20/40 White:	50,152 lbs	15% HCl:	0 gals		
						Pad:	1,726 gals	Treating Fluid:	11,167 gals		
						Flush:	4,486 gals	Load to Recover:	17,379 gals		
						ISIP=	0.857 psi/ft	Max STP:	3,240 psi		
4	4,917'	4,918'	3	0.34	2/26/2013	Formation:	D2	D1	DS3		
	4,974'	4,976'	3	0.34	2/26/2013	20/40 White:	117,860 lbs	15% HCl:	504 gals		
	5,023'	5,026'	3	0.34	2/26/2013	Pad:	2,037 gals	Treating Fluid:	26,172 gals		
						Flush:	4,876 gals	Load to Recover:	33,589 gals		
						ISIP=	0.833 psi/ft	Max STP:	3,638 psi		
3	5,150'	5,152'	3	0.34	2/26/2013	Formation:	B1	Csand			
	5,239'	5,242'	3	0.34	2/26/2013	20/40 White:	52,394 lbs	15% HCl:	504 gals		
						Pad:	1,911 gals	Treating Fluid:	11,076 gals		
						Flush:	5,124 gals	Load to Recover:	18,615 gals		
						ISIP=	0.971 psi/ft	Max STP:	3,694 psi		
2	5,440'	5,442'	3	0.34	2/26/2013	Formation:	A3				
	5,452'	5,454'	3	0.34	2/26/2013	20/40 White:	71,068 lbs	15% HCl:	504 gals		
						Pad:	1,877 gals	Treating Fluid:	15,725 gals		
						Flush:	5,426 gals	Load to Recover:	23,532 gals		
						ISIP=	0.895 psi/ft	Max STP:	3,614 psi		
1	5,900'	5,902'	3	0.34	2/28/2013	Formation:	CP3	CP1			
	5,914'	5,916'	3	0.34	2/28/2013	20/40 White:	93,347 lbs	15% HCl:	756 gals		
	5,926'	5,928'	3	0.34	2/28/2013	Pad:	2,944 gals	Treating Fluid:	20,536 gals		
	5,993'	5,994'	3	0.34	2/26/2013	Flush:	5,813 gals	Load to Recover:	29,799 gals		
						ISIP=	0.941 psi/ft	Max STP:	3,842 psi		



CEMENT	Surf	On 1/21/13 Baker cemented 8 5/8" casing w/ 160 sks Class "G" + 2% KCl + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield and returned 4 bbls to the pit										
	Prod	On 2/9/13 Halliburton pumped 290 sks lead @ 11 ppg w/ 3.53 yield plus 460 sks tail @ 14.4 ppg w/ 1.24 yield. Returned 37 bbls to the pit. TOC @ 667										

1 of 4

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

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	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	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	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	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	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	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	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	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	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	6.80	0.01

2 of 4

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

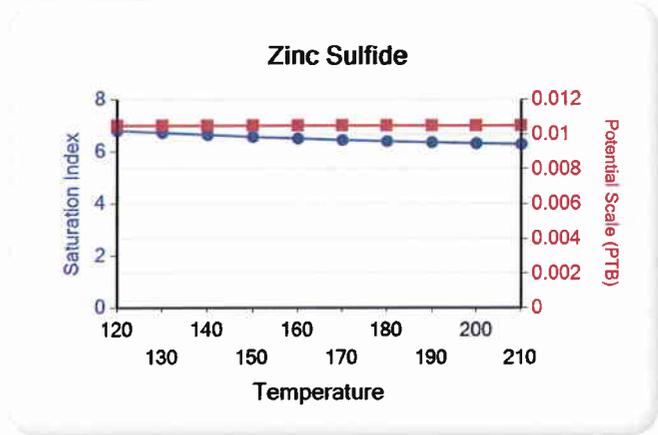
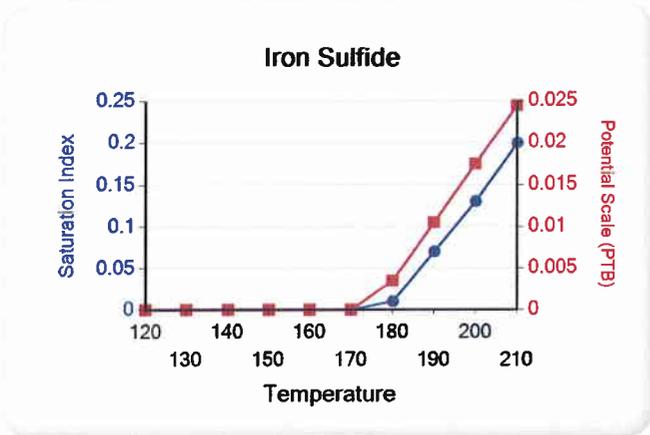
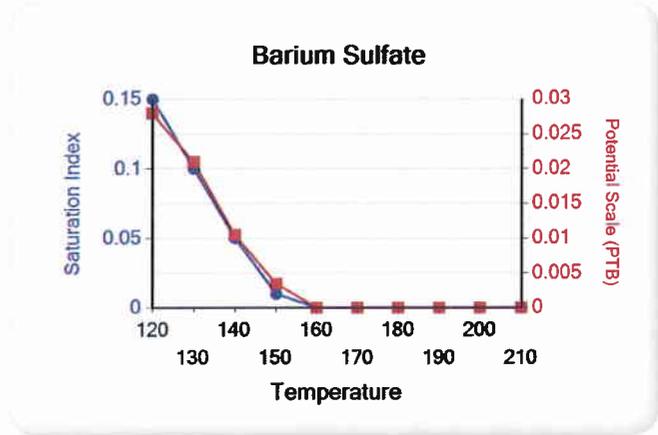
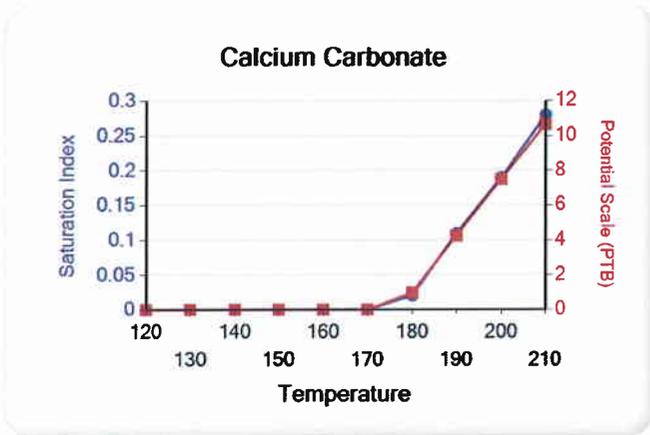
multi-chem
 A HALLIBURTON SERVICE

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



Multi-Chem Analytical Laboratory

1553 East Highway 40
Vernal, UT 84078

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
Well Name: **FEDERAL 12-9-9-16**
Sample Point: **Treater**
Sample Date: **1/23/2013**
Sample ID: **WA-232850**

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			
		Cations	mg/L	Anions	mg/L
Test Date:	2/1/2013	Sodium (Na):	7832.92	Chloride (Cl):	11000.00
System Temperature 1 (°F):	120.00	Potassium (K):	53.00	Sulfate (SO4):	20.00
System Pressure 1 (psig):	60.0000	Magnesium (Mg):	3.50	Bicarbonate (HCO3):	1952.00
System Temperature 2 (°F):	210.00	Calcium (Ca):	4.10	Carbonate (CO3):	
System Pressure 2 (psig):	60.0000	Strontium (Sr):		Acetic Acid (CH3COO)	
Calculated Density (g/ml):	1.012	Barium (Ba):	2.50	Propionic Acid (C2H5COO)	
pH:	8.10	Iron (Fe):	2.00	Butanoic Acid (C3H7COO)	
Calculated TDS (mg/L):	20870.34	Zinc (Zn):	0.20	Isobutyric Acid ((CH3)2CHCOO)	
CO2 in Gas (%):		Lead (Pb):	0.08	Fluoride (F):	
Dissolved CO2 (mg/L):	0.00	Ammonia NH3:		Bromine (Br):	
H2S in Gas (%):		Manganese (Mn):	0.04	Silica (SiO2):	
H2S in Water (mg/L):	1.00				

Notes:

(PTB = Pounds per Thousand Barrels)

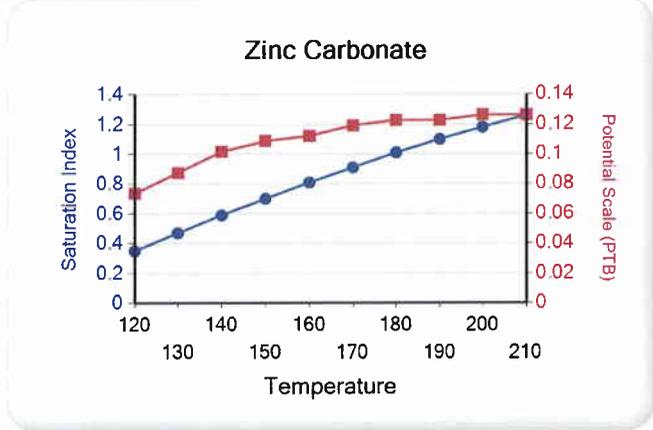
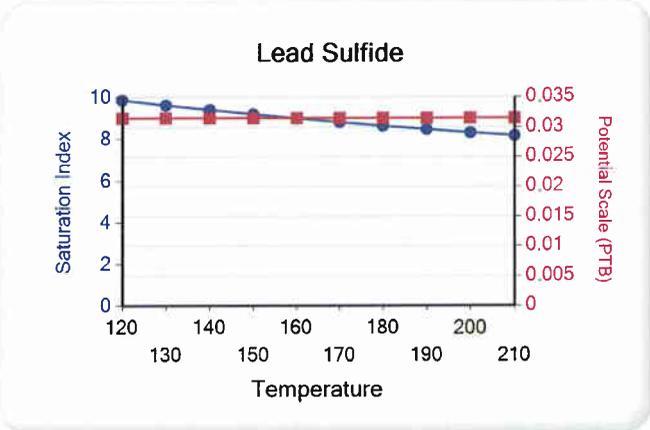
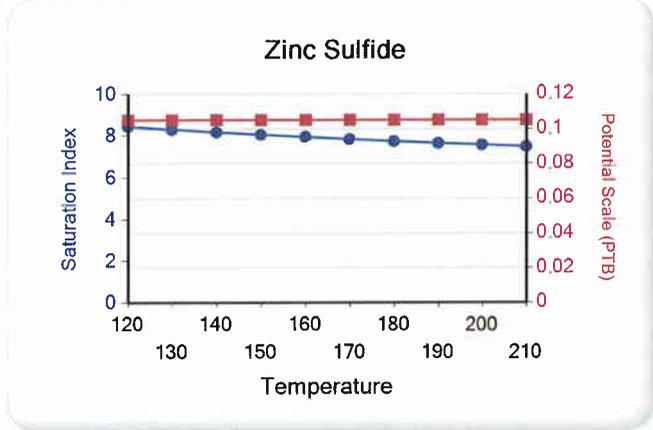
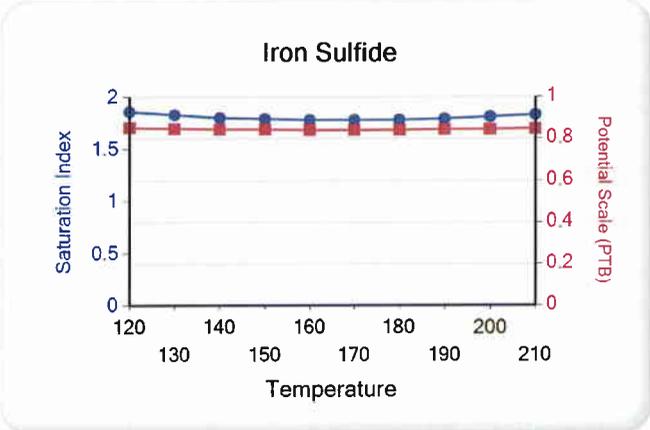
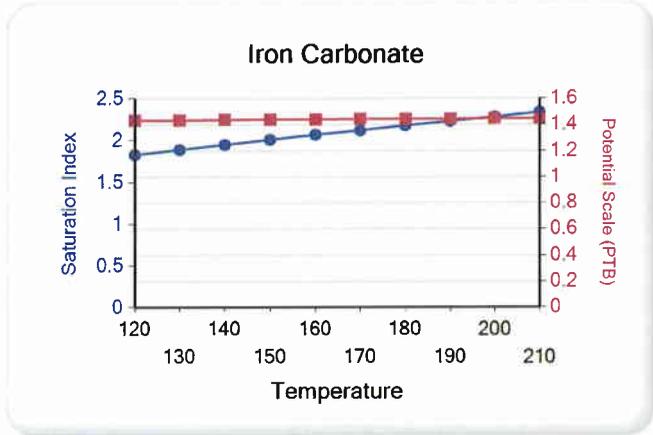
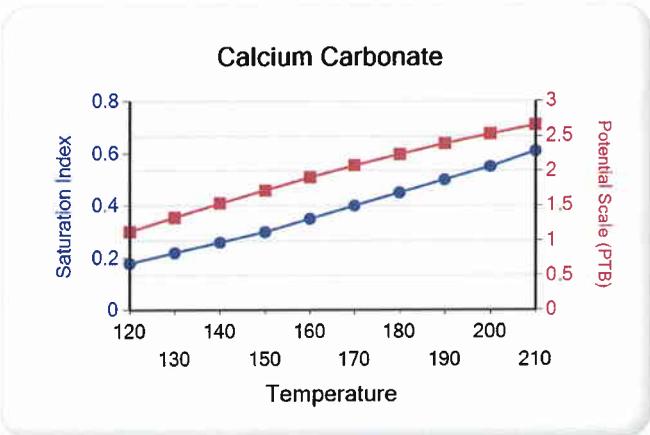
Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.61	2.66	0.00	0.00	1.83	0.85	2.34	1.45	0.00	0.00	0.00	0.00	0.00	0.00	7.49	0.11
200.00	60.00	0.55	2.53	0.00	0.00	1.81	0.84	2.28	1.45	0.00	0.00	0.00	0.00	0.00	0.00	7.57	0.11
190.00	60.00	0.50	2.39	0.00	0.00	1.79	0.84	2.23	1.44	0.00	0.00	0.00	0.00	0.00	0.00	7.65	0.11
180.00	60.00	0.45	2.24	0.00	0.00	1.78	0.84	2.18	1.44	0.00	0.00	0.00	0.00	0.00	0.00	7.74	0.11
170.00	60.00	0.40	2.08	0.00	0.00	1.78	0.84	2.12	1.44	0.00	0.00	0.00	0.00	0.00	0.00	7.84	0.11
160.00	60.00	0.35	1.91	0.00	0.00	1.78	0.84	2.07	1.44	0.00	0.00	0.00	0.00	0.00	0.00	7.95	0.11
150.00	60.00	0.30	1.72	0.00	0.00	1.79	0.84	2.01	1.44	0.00	0.00	0.00	0.00	0.00	0.00	8.06	0.11
140.00	60.00	0.26	1.53	0.00	0.00	1.80	0.84	1.95	1.44	0.00	0.00	0.00	0.00	0.00	0.00	8.18	0.11
130.00	60.00	0.22	1.33	0.00	0.00	1.83	0.85	1.89	1.43	0.00	0.00	0.00	0.00	0.00	0.00	8.31	0.11
120.00	60.00	0.18	1.13	0.00	0.00	1.86	0.85	1.83	1.43	0.00	0.00	0.00	0.00	0.00	0.00	8.45	0.11

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	1.26	0.13	8.16	0.03	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	1.18	0.13	8.30	0.03	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	1.10	0.12	8.46	0.03	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	1.01	0.12	8.62	0.03	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	0.91	0.12	8.80	0.03	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	0.81	0.11	8.99	0.03	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	0.70	0.11	9.19	0.03	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	0.59	0.10	9.40	0.03	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	0.09	9.62	0.03	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	0.07	9.87	0.03	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 Lead Sulfide

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



Attachment "G"

**Federal #12-9-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5906	5912	5909	1896	0.75	1858
5632	5648	5640	2032	0.79	1995
5159	5294	5227	2018	0.82	1984
4974	4982	4978	2227	0.88	2195
4741	4806	4774	2208	0.90	2177
4080	4229	4155	1721	0.85	1695 ←
				Minimum	<u><u>1695</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.

NEWFIELD



Daily Completion Report

Well Name: FEDERAL 12-9-9-16

AFE: 11447

Report Date: 8/14/09

Operation: Waiting for frac crew

Field:	GBMU CTB5	Rig Name:	Rigless	Work Performed:	8/13/2009
Location:	S9 T9S R16E	Supervisor:	Orson Barney	Day:	1
County:	DUCHESNE	Phone:	435-353-4929	Daily Cost:	11,818
State:	UT	Email:	obarney@newfid.com	Cum DCR:	11,818
				Cum. Well Cost:	279,532

24 Hr Summary:	Run CBL & shot 1st stage.				
24 Hr Plan Forward:	Wait on frac crew.				
Incidents:	None	Newfield Pers:	1	Contract Pers:	3
Conditions:					

Critical Comments

0 Hr(s); P : Install 5M frac head & Cameron BOP's. RU Hot Oiler truck & pressure test casing, blind rams, frac head, casing valves & BOP's to 4500 psi. RU Perforators LLC. WLT w/ mast & pack-off. Run CBL under pressure. WLTD @ 6019' & cement top @ 40'. Perforate CP4 sds @ 5906-12' w/ 3-1/8" Slick Guns (19 gram, .49"EH, 120°) w/ 3 spf for total of 24 shots. SIWFN w/ 144 BWTR. □



Daily Completion Report

Well Name:

AFE: 11447

Report Date: 8/21/09

Operation: Frac well.

Field:	GBMU CTB5	Rig Name:	Rigless	Work Performed:	8/20/2009
Location:	S9 T9S R16E	Supervisor:	Don Dulen	Day:	2
County:	DUCHESNE	Phone:	435- 823-6772	Daily Cost:	\$26,386
State:	UT	Email:	ddulen@newfld.com	Cum DCR:	\$38,204
				Cum. Well Cost:	\$305,918

24 Hr Summary: Frac 4 stages.

24 Hr Plan Forward: RU completion rig. C/O well.

Incidents: None **Newfield Pers:** 1 **Contract Pers:** 17 **Conditions:**

Critical Comments

0 Hr(s); P : RU BJ Services. 17 psi on well. Broke @ 3711 psi. ISIP @ 1263 psi, 1 min @ 1068 psi, 4 min @ 931 psi. FG @ .65. Frac CP4 sds w/ 15,001#'s of 20/40 sand in 310 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1948 psi w/ ave rate of 19.0 BPM. ISIP 1896 psi, 5 min @ 1801 psi, 10 min @ 1707 psi, 15 min @ 1657 psi. FG @ .75. Leave pressure on well. 454 BWTR.□

0 Hr(s); P : RU The Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug @ 3', 6' perf guns. Set plug @ 5720'. Perforate CP1 sds @ 5645-48' & 5632-38' w/ 3 1/8" port plug gun (.36" EH, 11 gram, 120°, 16.82¢ pen., PPG-3111-301) w/ 3 spf for total of 27 shots. RU BJ Services. 1389 psi on well. Broke @ 3325 psi. Pressure dropped below open pressure. Frac CP1 sds w/ 71,037#'s of 20/40 sand in 598 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2017 psi w/ ave rate of 30.4 BPM. ISIP 2032 psi. FG @ .79. Leave pressure on well. 1052 BWTR.□

0 Hr(s); P : RU The Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug @ 3', 3', 2', 3' perf guns. Set plug @ 5400'. Perforate LODC sds @ 5291-94' & A3 sds @ 5187-90', 5170-72' & 5159-62' w/ 3 1/8" port plug gun (.36" EH, 11 gram, 120°, 16.82¢ pen., PPG-3111-301) w/ 3 spf for total of 33 shots. RU BJ Services. 1302 psi on well. Broke @ 2700 psi. Pressure dropped below open pressure. Frac LODC/A3 sds w/ 116,748#'s of 20/40 sand in 857 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2643 psi w/ ave rate of 41.9 BPM. ISIP 2018 psi. FG @ .82. Leave pressure on well. 1909 BWTR.□

0 Hr(s); O : RU The Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug @ 8' perf gun. Set plug @ 5050'. Perforate B1 sds @ 4974-82' w/ 3 1/8" port plug gun (.36" EH, 11 gram, 120°, 16.82¢ pen., PPG-3111-301) w/ 3 spf for total of 24 shots. RU BJ Services. 1323 psi on well. Broke @ 2650 psi. Pressure dropped below open pressure. Frac B1 sds w/ 50,899#'s of 20/40 sand in 462 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2302 psi w/ ave rate of 27.2 BPM. ISIP 2227 psi. FG @ .88. Leave pressure on well. 2371 BWTR.□

0 Hr(s); P : RU The Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug @ 6', 5' perf guns. Set plug @ 4850'. Perforate D2 sds @ 4800-06' & D1 sds @ 4741-46' w/ 3 1/8" port plug gun (.36" EH, 11 gram, 120°, 16.82¢ pen., PPG-3111-301) w/ 3 spf for total of 33 shots. RU BJ Services. 115 psi on well. Could not break perms. Attempt to flow well back w/ no success. SWIFN. 2371 BWTR.□



Daily Completion Report

Well Name:

AFE: 11447

Report Date: 8/25/09

Operation: PU tbg. C/O sand.

Field:	GBMU CTB5	Rig Name:	WWS #3	Work Performed:	8/24/2009
Location:	S9 T9S R16E	Supervisor:	Don Dulen	Day:	3
County:	DUCHESNE	Phone:	435- 823-6772	Daily Cost:	\$33,145
State:	UT	Email:	ddulen@newfld.com	Cum DCR:	\$71,349
				Cum. Well Cost:	\$339,063

24 Hr Summary: PU tbg. C/O to CBP @ 4850'. Circulate well clean. POOH w/ tbg.

24 Hr Plan Forward: Frac remaining two zones.

Incidents:	None	Newfield Pers:	1	Contract Pers:	4	Conditions:
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Critical Comments

0 Hr(s); P : MIRU Western #3. ND Cameron BOP. NU Schaeffer BOP. RIH w/ 2 7/8" notched collar & new 2 7/8" tbg. from pipe racks (tallying & drifting). Tag @ 4730'. C/O to CBP @ 4850'. Circulate well clean. POOH w/ tbg. ND Schaeffer BOP. NU Cameron BOP. SWIFN. 2371 BWTR. □



Daily Completion Report

Well Name:

AFE: 11447

Report Date: 8/25/09

Operation: Frac remaining stages. Flowback well

Field:	GBMU CTB5	Rig Name:	WWS #3	Work Performed:	8/24/2009
Location:	S9 T9S R16E	Supervisor:	Don Dulen	Day:	4
County:	DUCHESNE	Phone:	435-823-6772	Daily Cost:	\$117,565
State:	UT	Email:	ddulen@newfld.com	Cum DCR:	\$188,914
				Cum. Well Cost:	\$456,628

24 Hr Summary: Frac two remaining stages. Flowback well. RIH w/ tbg. Tag CBP @ 4300'.

24 Hr Plan Forward: DU CBPs. Swab for cleanup.

Incidents:	None	Newfield Pers:	1	Contract Pers:	20	Conditions:	
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Critical Comments

0 Hr(s); P : RU BJ Services. 0 psi on well. Broke @ 3207 psi. ISIP @ 649 psi, 1 min @ 72 psi, 4 min @ 0 psi. FG @ .57. Frac D1/D2 sds w/ 136,468#'s of 20/40 sand in 992 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2936 psi w/ ave rate of 41.9 BPM. ISIP 2208 psi, 5 min @ 2101 psi, 10 min @ 2000 psi, 15 min @ 1924 psi. FG @ .90. Leave pressure on well. 3363 BWTR.□

0 Hr(s); P : RU The Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug @ 5', 3' perf guns. Set plug @ 4300'. Perforate GB4 sds @ 4224-29' & GB2 sds @ 4080-83' w/ 3 1/8" slick gun (.36" EH, 11 gram, 120°, 16.82; pen., PPG-3111-301) w/ 3 spf for total of 24 shots. RU BJ Services. 975 psi on well. Broke @ 2023 psi. ISIP @ 1418 psi, 1 min @ 1157 psi, 4 min @ 1039 psi. FG @ .78. Frac GB2/GB4 sds w/ 43,808#'s of 20/40 sand in 424 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2874 psi w/ ave rate of 35.2 BPM. ISIP 1721 psi, 5 min @ 1336 psi, 10 min @ 1261 psi, 15 min @ 1228 psi. FG @ .85. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 2 hrs & died. Recovered 200 bbls. ND Cameron BOP & 5m frac head. NU 3m production head & Schaeffer BOP. RIH w/ 4 3/4" chomp bit, bit sub & 2 7/8" tbg. Tag CBP @ 4300'. SWIFN.□



Daily Completion Report

Well Name:

AFE: 11447

Report Date: 8/27/09

Operation: DU CBPs.

Field:	GBMU CTB5	Rig Name:	WWS #3	Work Performed:	8/26/2009
Location:	S9 T9S R16E	Supervisor:	Don Dulen	Day:	5
County:	DUCHESNE	Phone:	435-823-6772	Daily Cost:	\$11,970
State:	UT	Email:	ddulen@newfld.com	Cum DCR:	\$200,884
				Cum. Well Cost:	\$468,598

24 Hr Summary: DU CBPs.

24 Hr Plan Forward: Cont. DU CBPs. Swab for cleanup.

Incidents: None Newfield Pers: 1 Contract Pers: 5 Conditions:

Critical Comments

0 Hr(s); P : Cont. RIH w/ tbg. Tag CBP @ 4300'. RU powrswivel & pump. DU CBP in 25 min. Cont. RIH w/ tbg. Tag fill @ 4699'. C/O to CBP @ 4850'. DU CBP in 20 min. Cont. RIH w/ tbg. Tag fill @ 4949'. C/O to CBP @ 5050'. DU CBP in 23 min. Cont. RIH w/ tbg. Tag fill @ 5115'. C/O to 5367'. Circulate well clean. SWFIN. 3777 BWTR.□



Daily Completion Report

Well Name:

AFE: 11447

Report Date: 8/28/09

Operation: C/O to PBTD. Swab for cleanup.

Field:	GBMU CTB5	Rig Name:	WWS #3	Work Performed:	8/27/2009
Location:	S9 T9S R16E	Supervisor:	Don Dulen	Day:	6
County:	DUCHESNE	Phone:	435-823-6772	Daily Cost:	\$7,227
State:	UT	Email:	ddulen@newfld.com	Cum DCR:	\$208,111
				Cum. Well Cost:	\$475,825

24 Hr Summary: DU CBP. C/O to PBTD @ 6051'. Swab for cleanup. POOH w/ tbg. to 2637'. SWIFN. 3575 BWTR.

24 Hr Plan Forward: Cont. POOH w/ tbg. RIH w/ production.

Incidents: None **Newfield Pers:** 1 **Contract Pers:** 5 **Conditions:**

Critical Comments

0 Hr(s); P : Cont. RIH w/ tbg. Tag fill @ 5367'. C/O to CBP @ 5400'. DU CBP in 25 min. Cont. RIH w/ tbg. Tag fill @ 5568'. C/O to CBP @ 5720'. DU CBP in 35 min. Cont. RIH w/ tbg. Tag fill @ 5958'. C/O to PBTD @ 6051'. Circulate well clean. RD powerswivel. Pull up to 5996'. RU swab. SFL @ surface. Made 14 runs. Recovered 135 bbls. Trace of oil. No show of sand. FFL @ 1500'. RD swab. RIH w/ tbg. Tag PBTD @ 6051'. Circulate well clean. POOH w/ tbg. to 2637'. SWIFN. 3575 BWTR.□



Final Daily Completion Report

Well Name:

AFE: 11447

Report Date: 8/31/09

Operation: Put well on production.

Field:	GBMU CTB5	Rig Name:	WWS #3	Work Performed:	8/30/2009
Location:	S9 T9S R16E	Supervisor:	Don Dulen	Day:	7
County:	DUCHESNE	Phone:	435- 823-6772	Daily Cost:	\$26,545
State:	UT	Email:	ddulen@newfld.com	Cum DCR:	\$234,656
				Cum. Well Cost:	\$502,370

24 Hr Summary: POOH w/ tbg. RIH w/ production string. RIH w/ rod string. Put well on production @ 3:00 p.m. 5 spm, 120" stroke length. 3590 BWTR. Final Report.

24 Hr Plan Forward: Produce well.

Incidents: None	Newfield Pers: 1	Contract Pers: 5	Conditions:
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Critical Comments

0 Hr(s); P : Cont. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC & 186 jts 2 7/8" tbg. ND BOP. Set TAC @ 5875' w/ 19,000# tension. NU wellhead. X-over for rods. Flush tbg. w/ 60 bbls water. RIH w/ Central Hydraulic 2 1/2" x 1 1/2" x 16' x 20' RHAC rod pump, 6- 1 1/2" weight bars, 20- 3/4" guided rods, 109- 3/4" plain rods, 101- 3/4" guided rods, 1- 4', 2' x 3/4" pony subs, 1 1/2" x 26' polished rod. Seat pump. RU pumping unit. Hang off rods. Fill tbg. w/ 3 bbls water. Stroke test to 800 psi. Good pump action. RD. Put well on production @ 3:00 p.m. 5 spm, 120" stroke length. Final Report. 3590 BWTR. □

0 Hr(s); 0 : □

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4030'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 177' 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 43 sx Class "G" cement down 5 ½" casing to 362'

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

Federal 12-9-9-16

Spud Date: 07/26/2009
 Put on Production: 08/28/2009
 GL: 5827' KB: 5839'

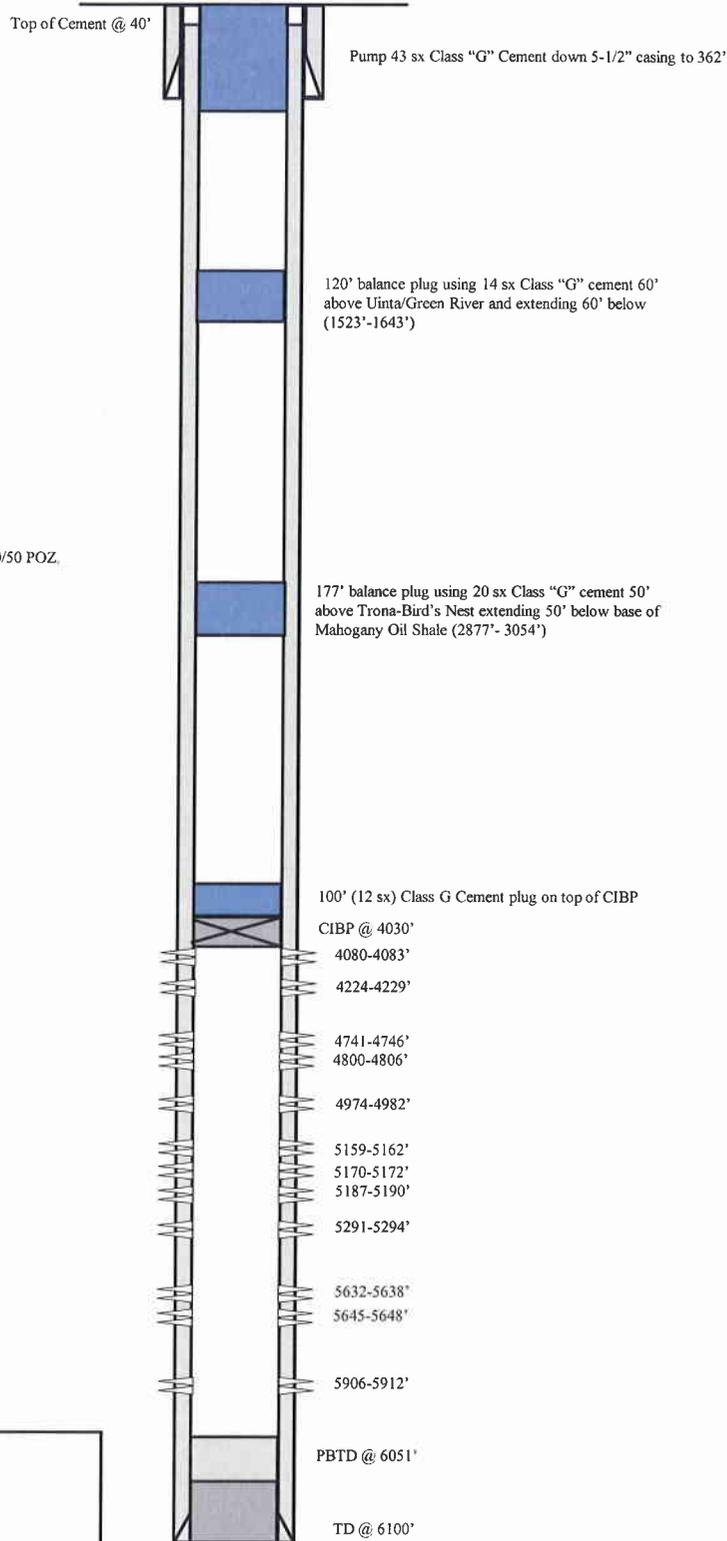
SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (300')
 DEPTH LANDED: 312'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 210 sxs Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 155 jts (6039')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 6093.01'
 CEMENT DATA: 265 sk Prem, Lite II mixed & 400 sxs 50/50 POZ
 CEMENT TOP AT: 40'

Proposed P & A Wellbore Diagram



NEWFIELD



Federal 12-9-9-16
 1710' FSL & 443' FWL NW/SW
 Section 9-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33969; Lease #UTU-85210