

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

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-64379
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 9-8-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/SE 2136' FSL 944' FEL 573661X 40,044005 At proposed prod. zone 4432788Y -110.136524		9. API Well No. 43-013-33058
14. Distance in miles and direction from nearest town or post office* Approximatley 15.3 miles southwest of Myton, Utah		10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 504' f/lse, NA' f/unit	16. No. of Acres in lease 1626.36	11. Sec., T., R., M., or Blk. and Survey or Area NE/SE Sec. 8, T9S R16E
17. Spacing Unit dedicated to this well 40 Acres	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1349'	12. County or Parish Duchesne
19. Proposed Depth 6210'	20. BLM/BIA Bond No. on file UTB000192	13. State UT
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5892' GL	22. Approximate date work will start* 2nd Quarter 2006	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 2/10/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 04-25-06
Title ENR	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**

FEB 15 2006

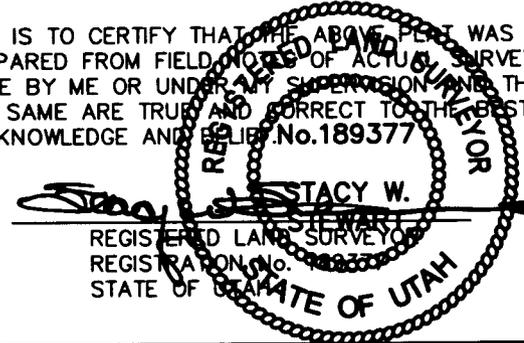
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 9-8-9-16,
 LOCATED AS SHOWN IN THE NE 1/4 SE
 1/4 OF SECTION 8, T9S, R16E, S.L.B.&M.
 DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLOT 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: 1-23-06	SURVEYED BY: C.M.
DATE DRAWN: 1-27-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

N89°54'W - 80.06 (G.L.O.)

2648.63' (Measured)

N89°39'W G.L.O. (Basis of Bearings)

N89°49'36"W - 2644.66' (Meas.)

1910
Brass Cap

1910
Brass Cap

1910
Brass Cap

N00°05'56"E - 2642.17' (Meas.)

WELL LOCATION:

9 MILE 9-8-9-16

ELEV. UNGRADED GROUND = 5892.1'

N00°04'27"W - 2640.60' (Meas.)

Brass
Cap

1910
Brass Cap

8

See Detail
At Left

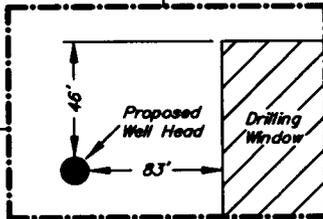
944'

200'

DRILLING
WINDOW

N00°03'W (G.L.O.)
 N00°04'27"W - 2643.72' (Meas.)
 N00°03'W (G.L.O.)
 N00°00'53"E - 2643.21' (Meas.)

2136'



Detail

No Scale

1910
Brass Cap

Brass
Cap

1910
Brass Cap

N89°49'24"W - 2640.94' (Meas.)

N89°43'27"W - 2643.21' (Meas.)

N89°50'W - 80.02 (G.L.O.)

◆ = SECTION CORNERS LOCATED

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

9 MILE 9-8-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 02' 38.43"
 LONGITUDE = 110° 08' 13.74"



April 19, 2006

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

Re: Exception Locations: (1) *Federal 9-8-9-16*:
2136 FSL 944'FEL NESE Sec 8-T9S-16E;
(2) *Federal 16-8-9-16*: 418' FSL, 629' FEL
SESE Sec 8-T9S-R16E; Duchene Cty., UT
Lease UTU-64379

Dear Ms. Whitney:

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

The above referenced location (1) is an exception location under Rule 649-3-2, being 83' east of the drilling window tolerance for the NESE of Sec 8-T9S-R16E. The attached plat depicts the proposed drillsite location and illustrates the deviation from the drilling window, in accordance with Rule R649-3-2. The requested location has been selected due to the extreme terrain. The second location (2) is an exception location being 43' south of the drilling window tolerance for the SESE of Sec 8-T9S-R16E. Appropriate plats are included and this location has also been selected due to extreme terrain.

Please note the location is completely within Federal lease UTU-64379. The drillsite lease and all surrounding acreage within a four hundred sixty foot (460') radius of the proposed location is owned by Newfield Production Company and Yates Petroleum Corporation. We have contacted Yates Petroleum and their consent to these locations is attached.

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

Sincerely,
NEWFIELD PRODUCTION COMPANY

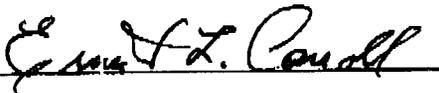
A handwritten signature in black ink that reads "Laurie Deseau". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Laurie Deseau
Properties Administrator

RECEIVED
APR 24 2006
DIV. OF OIL, GAS & MINING

Exception Location
Federal 9-8-9-16; Federal 16-8-9-16; Lease U-64379

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

By: 

Date: 04/13/2006

Ernest Carroll, Senior Landman
Print Name and Title



February 10, 2006

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

RE: Applications for Permit to Drill: 7-8-9-16, 8-8-9-16, 9-8-9-16, 10-8-9-16, 15-8-9-16, and 16-8-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 9-8-9-16 and 16-8-9-16 are Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

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

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED

FEB 15 2006

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
FEDERAL #9-8-9-16
NE/SE SECTION 8, 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' – 2720'
Green River	2720'
Wasatch	6210'

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

Green River Formation 2720' – 6210' - 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 #9-8-9-16
NE/SE SECTION 8, T9S, R18E
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 #9-8-9-16 located in the NE 1/4 SE 1/4 Section 8, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 10.9 miles \pm to its junction with an existing road to the southeast; proceed southeasterly - 0.4 miles \pm to its junction with an existing road to the north; proceed northeasterly - 1.7 miles \pm to its junction with the beginning of the proposed access road; proceed southwesterly along the proposed access road - 3,510' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. Archaeological Report #1030-01, 4/23/98. Paleontological Resource Survey prepared by, Wade E. Miller, 11/10/05. See attached report cover pages, Exhibit "D".

For the Federal #9-8-9-16 Newfield Production Company requests a 2,850' ROW be granted in Lease UTU-79833 and 660' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests a 2,850' ROW be granted in Lease UTU-79833 and 660' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed gas lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests a 2,850' ROW be granted in Lease UTU-79833 and 660' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

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

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

Threatened, Endangered, And Other Sensitive Species

Golden Eagle: Lease Notice Only.

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 #9-8-9-16 was on-sited on 11/3/05. 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: Shon Mckinnon

Address: Route #3 Box 3630
Myton, UT 84052

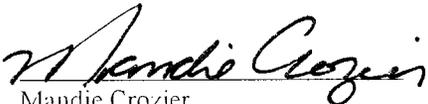
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #9-8-9-16 NE/SE Section 8, Township 9S, Range 16E: Lease UTU-64379 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

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

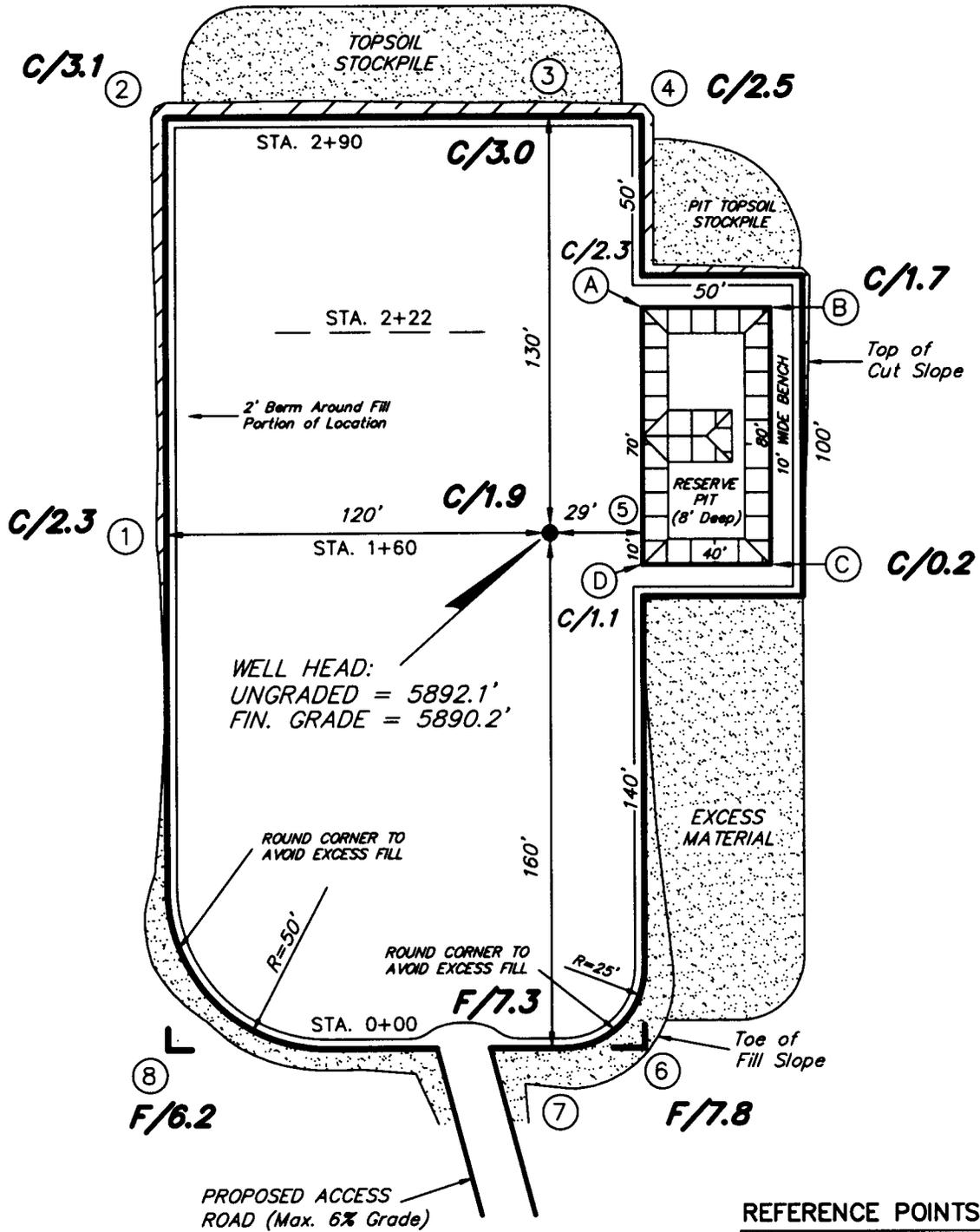
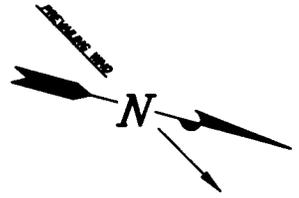
2/10/06
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 9-8-9-16

Section 8, T9S, R16E, S.L.B.&M.



REFERENCE POINTS

180' WESTERLY = 5891.8'
 230' WESTERLY = 5884.6'

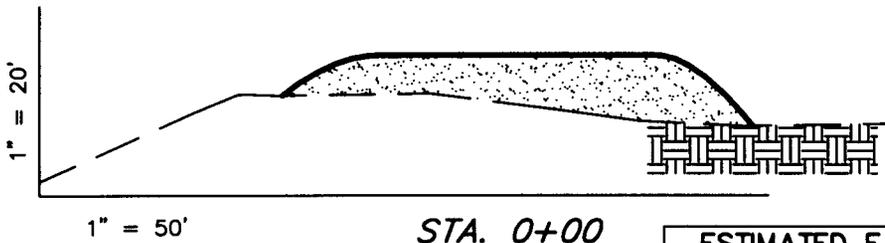
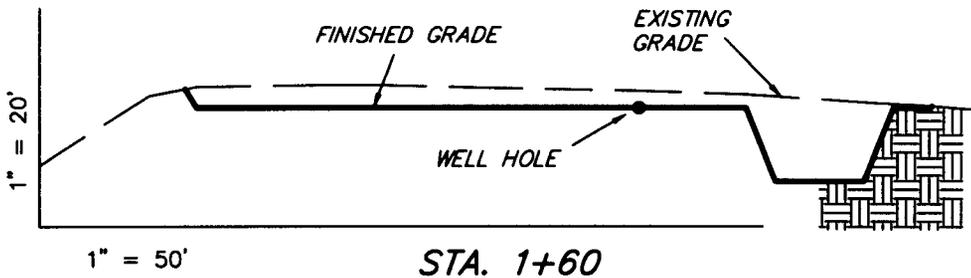
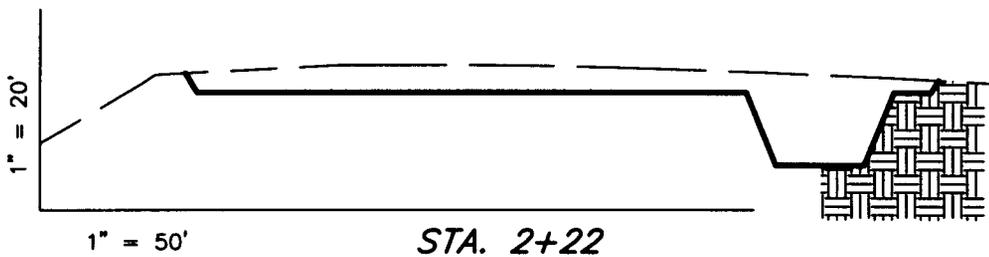
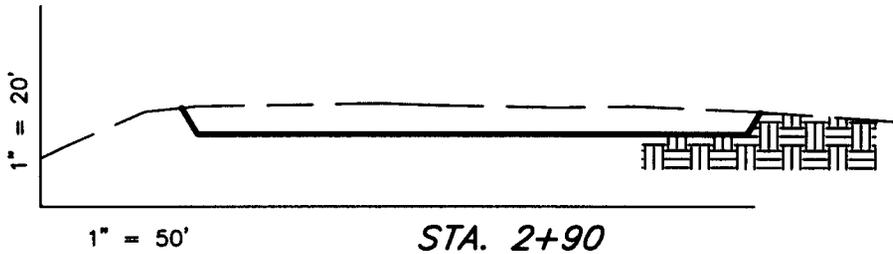
SURVEYED BY: C.M.	SCALE: 1" = 50'
DRAWN BY: M.W.	DATE: 1-27-06

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

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 9-8-9-16



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	2,030	2,000	Topsoil is not included in Pad Cut	30
PIT	640	0		640
TOTALS	2,670	2,000	960	670

SURVEYED BY: C.M.

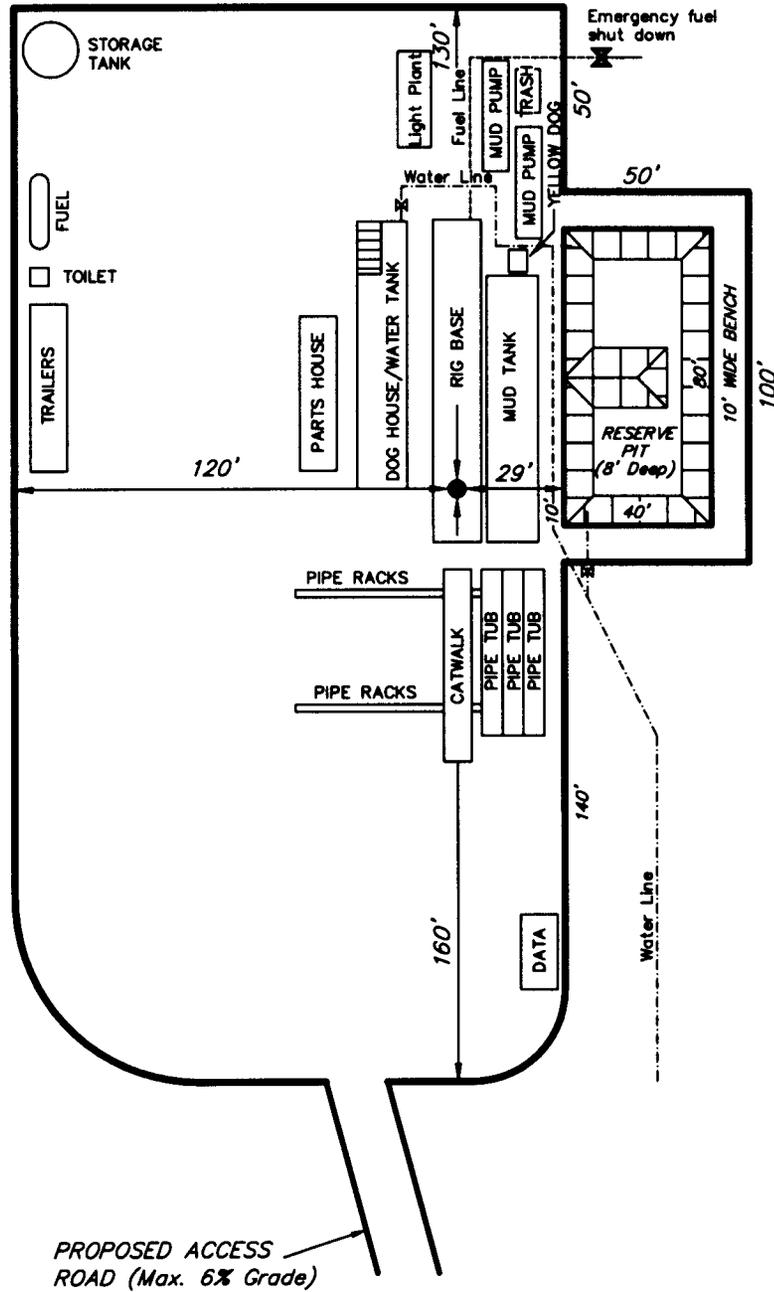
SCALE: 1" = 50'

DRAWN BY: M.W.

DATE: 1-27-06

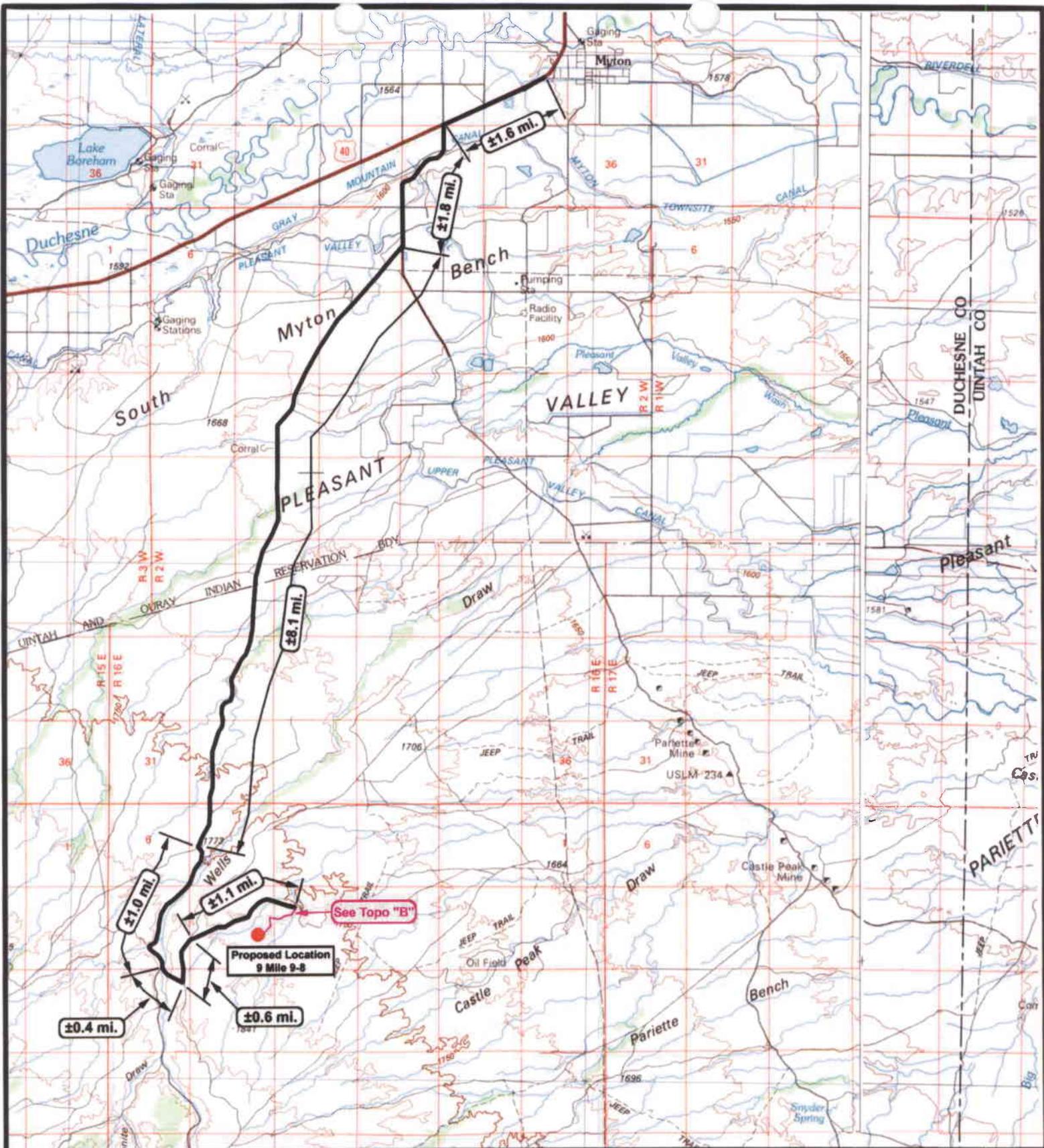
Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY
TYPICAL RIG LAYOUT
9 MILE 9-8-9-16



SURVEYED BY: C.M.	SCALE: 1" = 50'
DRAWN BY: M.W.	DATE: 1-27-06

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



NEWFIELD
Exploration Company

9 Mile 9-8-9-16
SEC. 8, T9S, R16E, S.L.B.&M.



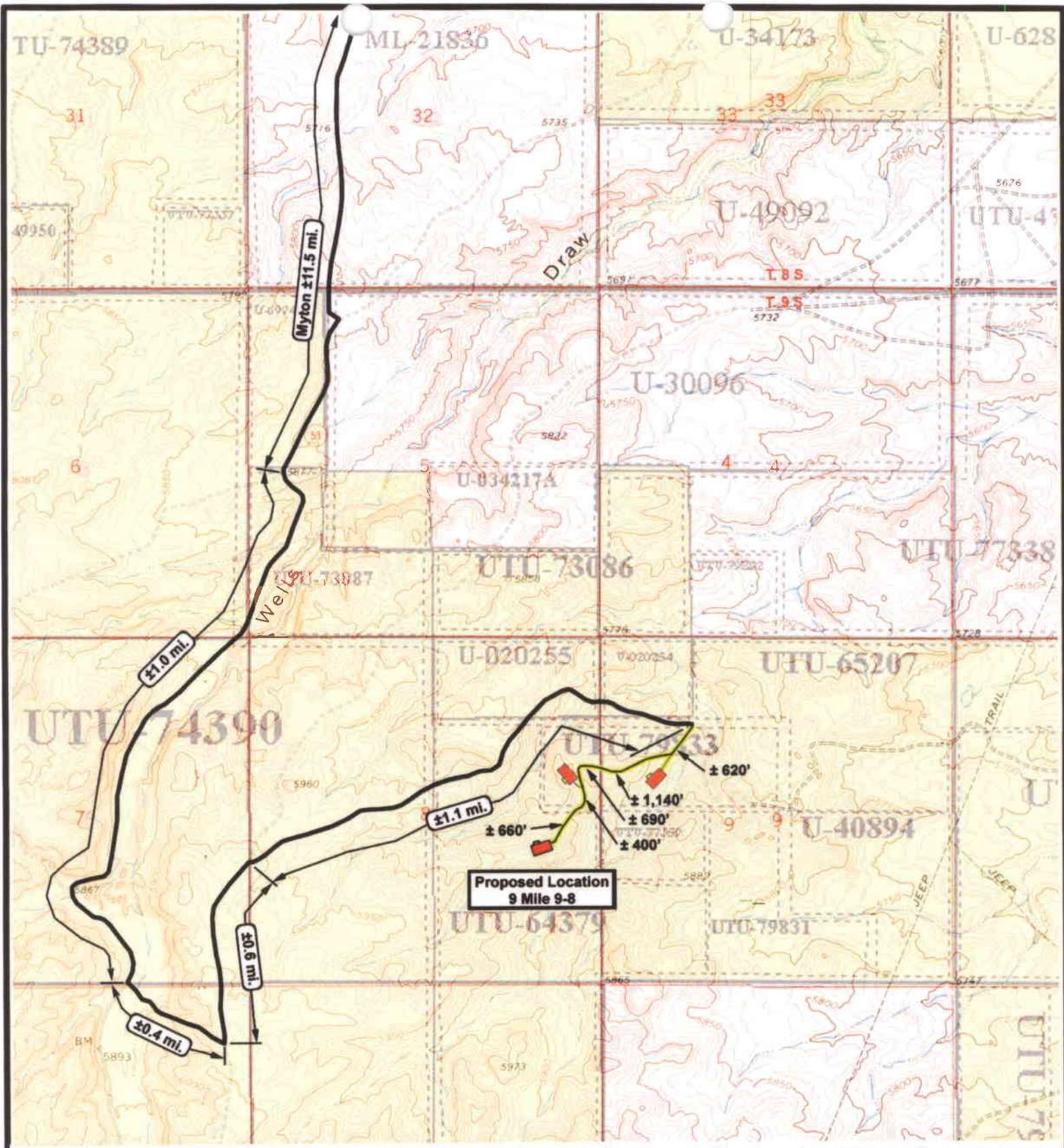
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 01-27-2006

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP
"A"



NEWFIELD
Exploration Company

9 Mile 9-8-9-16
SEC. 8, T9S, R16E, S.L.B.&M.



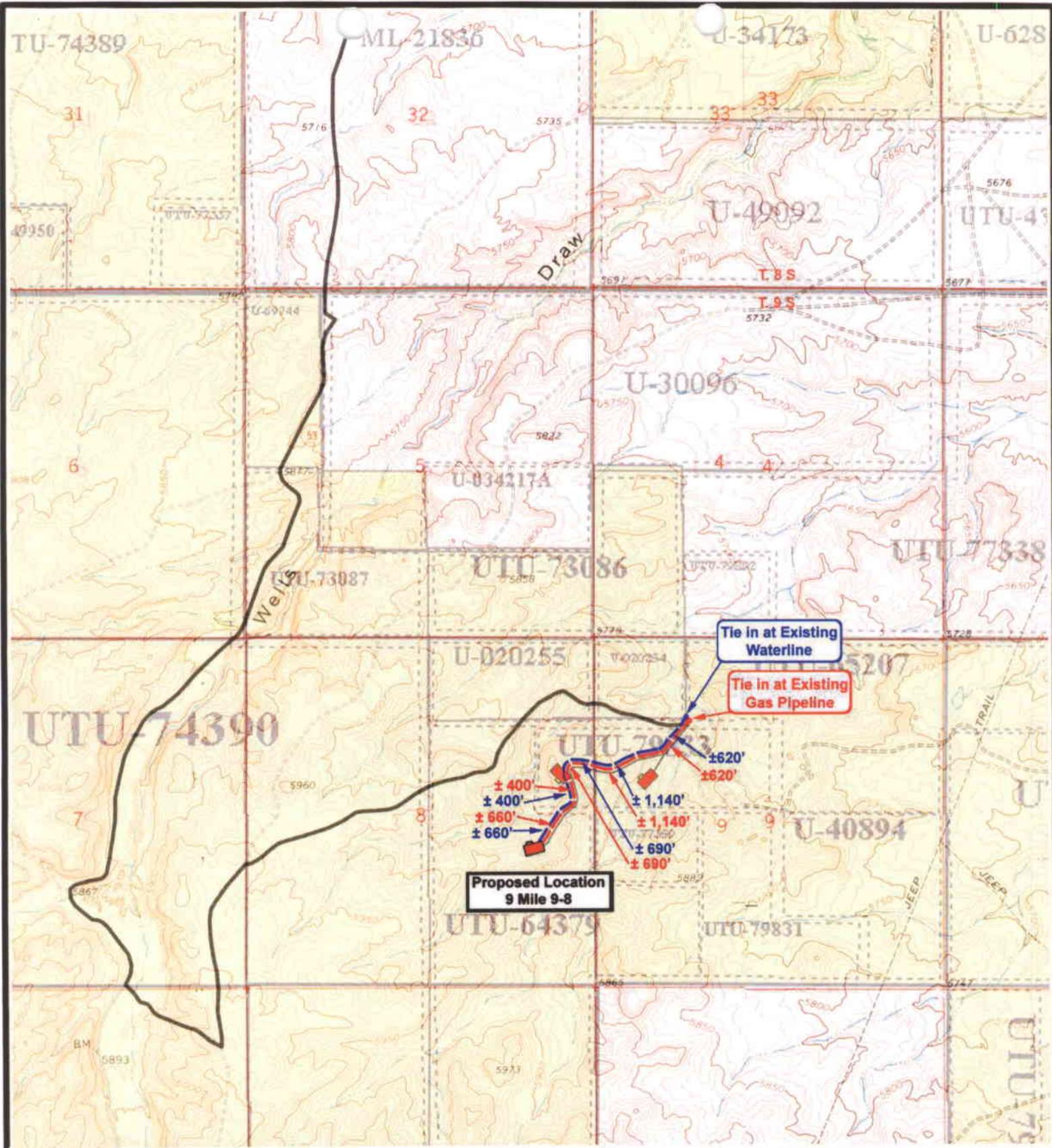
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 01-27-2006

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP
"B"



NEWFIELD
Exploration Company

9 Mile 9-8-9-16
SEC. 8, T9S, R16E, S.L.B.&M.



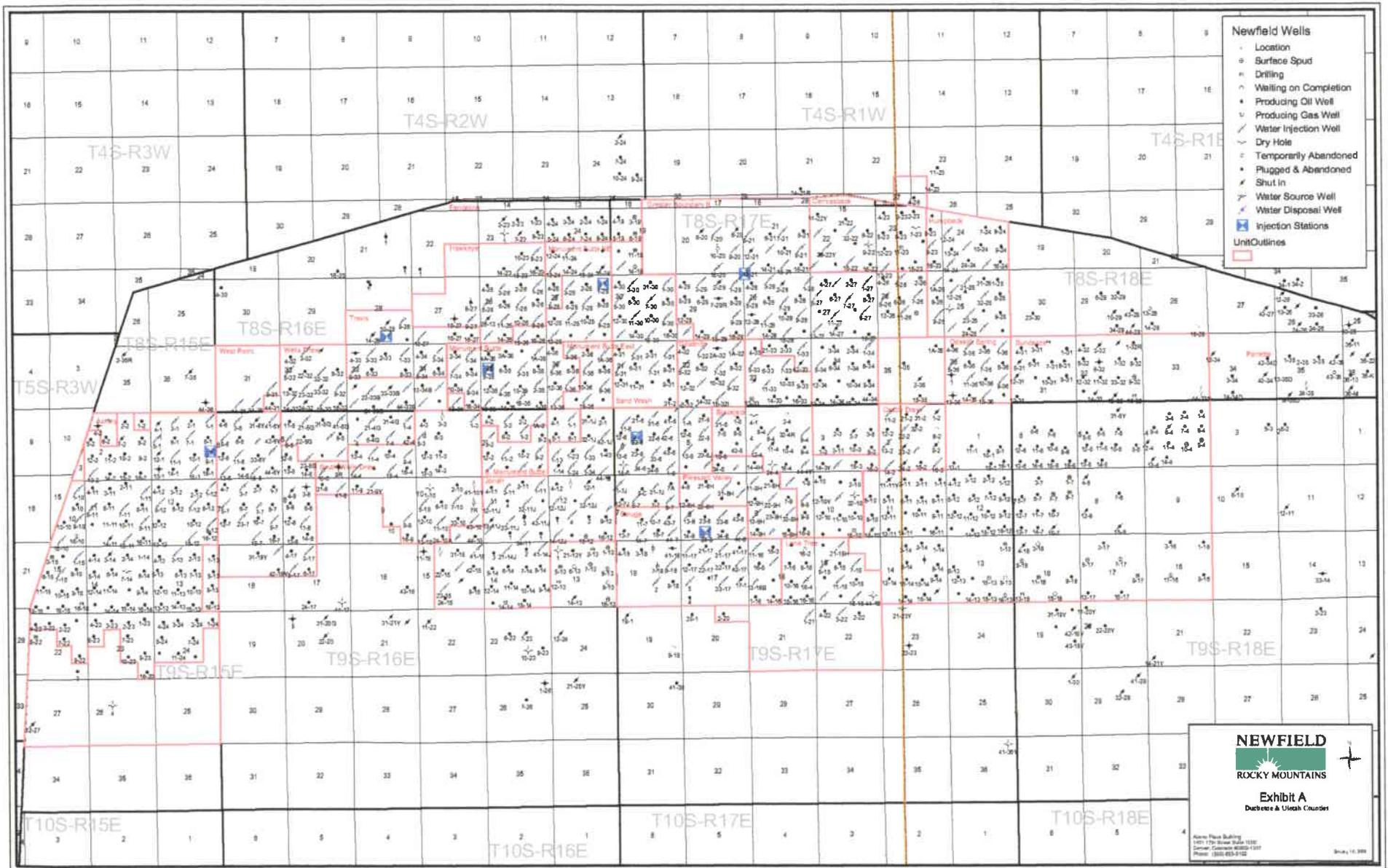
Tri-State
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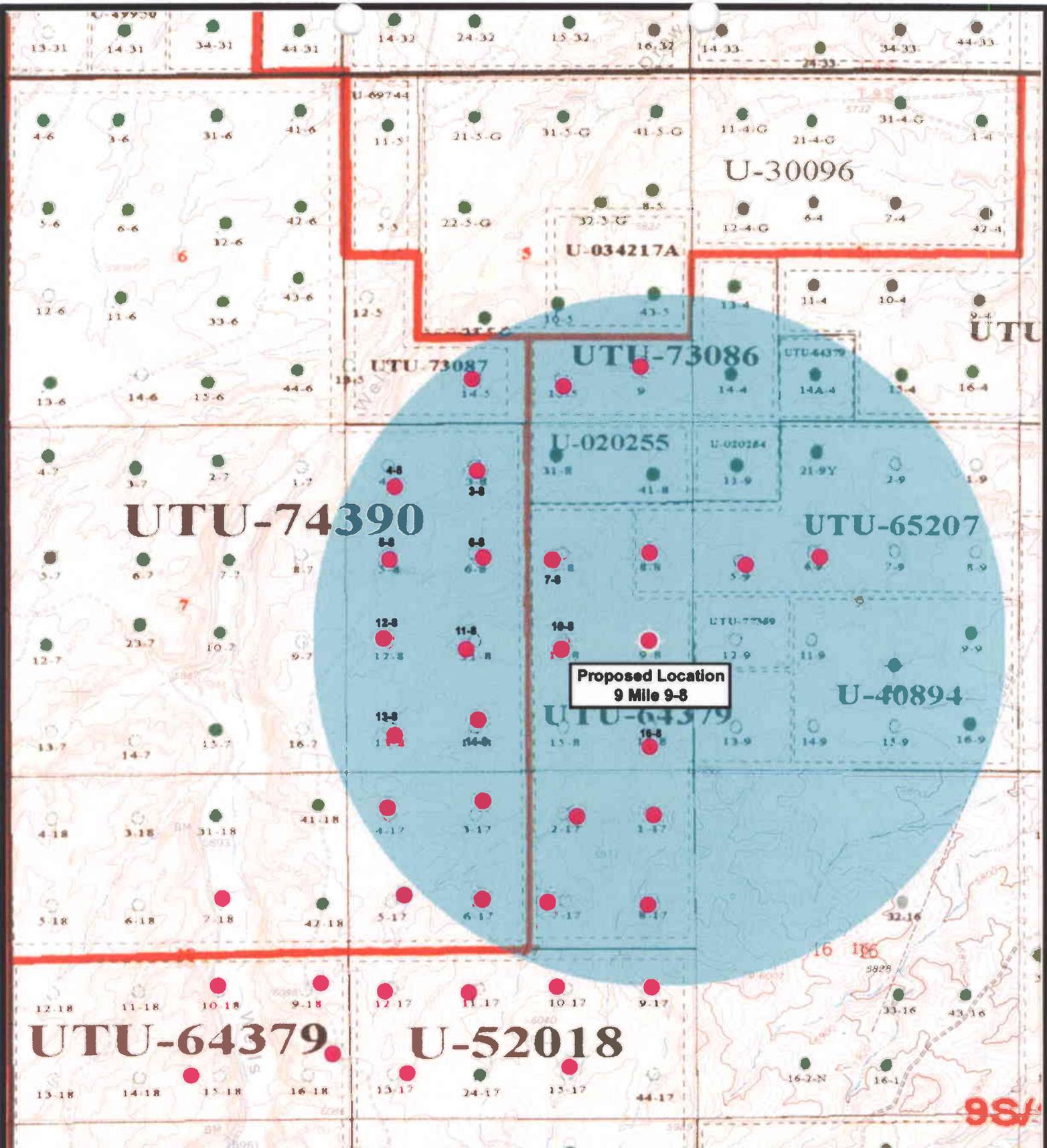
SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 01-27-2006

Legend

- Roads
- Proposed Gas Line
- Proposed Water Line

TOPOGRAPHIC MAP
"C"






NEWFIELD
Exploration Company

9 Mile 9-8-9-16
SEC. 8, T9S, R16E, S.L.B.&M.




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

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 01-27-2006

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

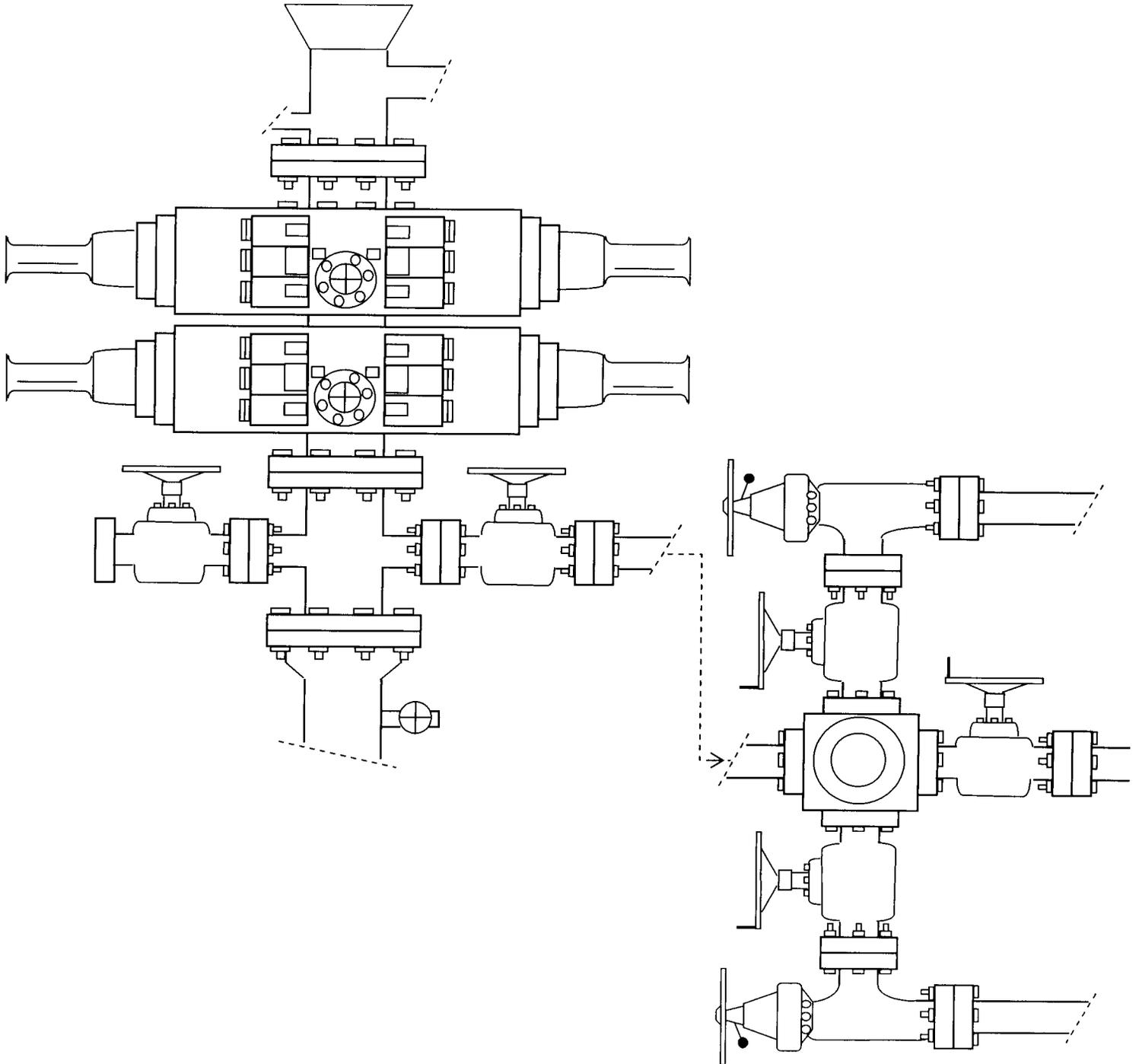


EXHIBIT C

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

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

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
November 10, 2005

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 02/15/2006

API NO. ASSIGNED: 43-013-33058

WELL NAME: FEDERAL 9-8-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NESE 08 090S 160E
 SURFACE: 2136 FSL 0944 FEL
 BOTTOM: 2136 FSL 0944 FEL
 COUNTY: DUCHESNE
 LATITUDE: 40.04401 LONGITUDE: -110.1365
 UTM SURF EASTINGS: 573661 NORTHINGS: 4432788
 FIELD NAME: MONUMENT BUTTE (105)

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

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-64379

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

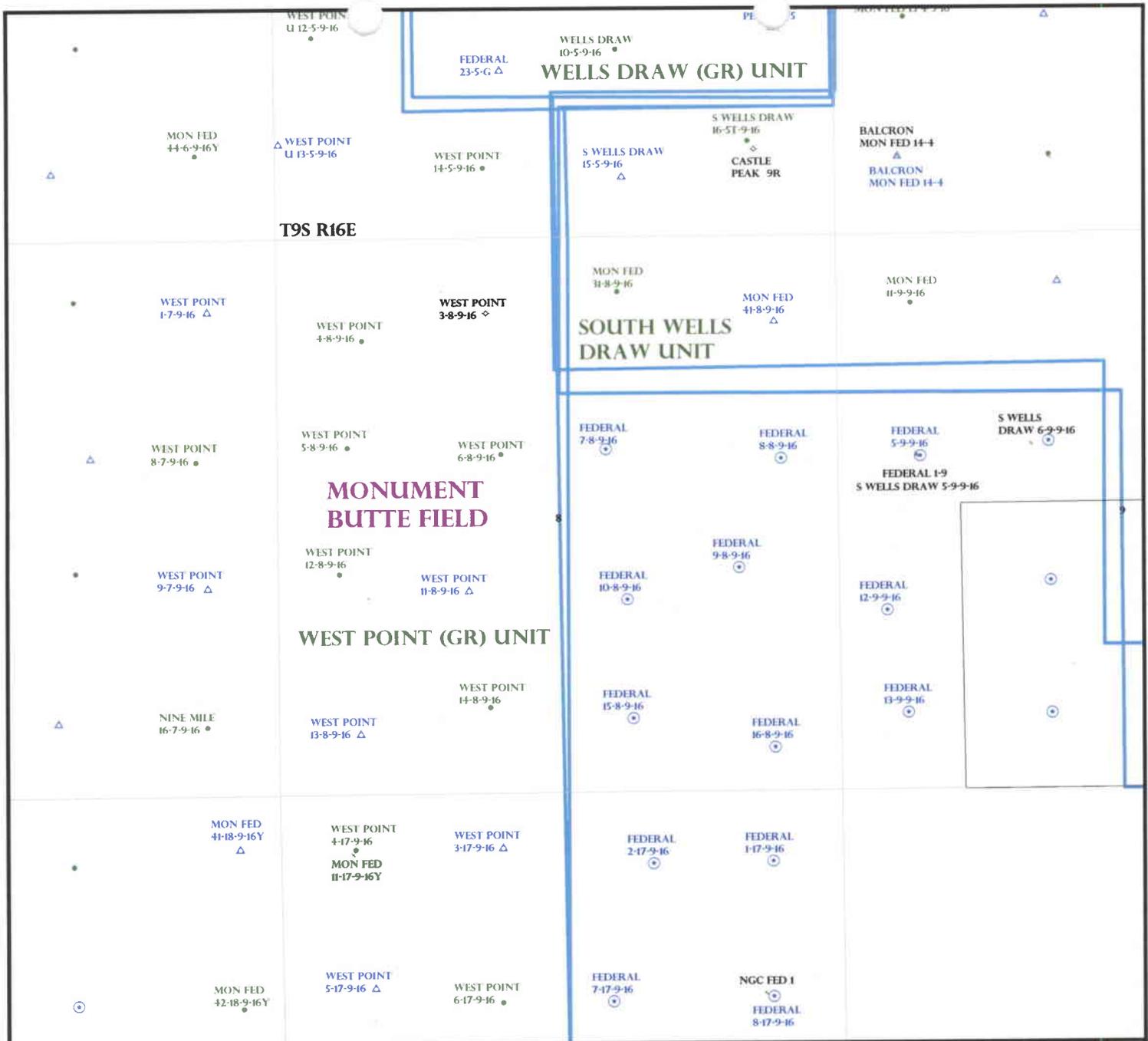
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)
- N Potash (Y/N)
- N Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. MUNICIPAL)
- N RDCC Review (Y/N)
(Date: _____)
- N/A Fee Surf Agreement (Y/N)
- N/A Intent to Commingle (Y/N)

LOCATION AND SITING:

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

COMMENTS: Sep, Separate file

STIPULATIONS: 1- Federal Approval
2- Spacing Sep



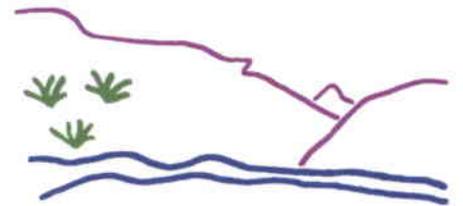
OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 8 T. 9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

SPACING: R649-3-3 / EXCEPTION LOCATION



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 17-FEBRUARY-2006

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

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

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



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

April 25, 2006

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

Re: Federal 9-8-9-16 Well, 2136' FSL, 944' FEL, NE SE, Sec. 8, 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 43-013-33058.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Newfield Production Company
Well Name & Number Federal 9-8-9-16
API Number: 43-013-33058
Lease: UTU-64379

Location: NE SE **Sec.** 8 **T.** 9 South **R.** 16 East

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

RECEIVED

FEB 15 2006

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
BLM VERNAL, UTAH

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

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-64379
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 9-8-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/SE 2136' FSL 944' FEL At proposed prod. zone		9. API Well No. 43-013-33058
11. Sec., T., R., M., or Blk. and Survey or Area NE/SE Sec. 8, T9S R16E		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 15.3 miles southwest of Myton, Utah		12. County or Parish Duchesne
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 504' f/lse, NA' f/unit		13. State UT
16. No. of Acres in lease 1626.36		17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1349'		20. BLM/BIA Bond No. on file UTB000192
19. Proposed Depth 6210'		21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5892' GL
22. Approximate date work will start* 2nd Quarter 2006		23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

- 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 2/10/06
Title Regulatory Specialist		
Approved by (Signature) <i>Tommy Kevicka</i>	Name (Printed/Typed) Tommy Kevicka	Date 2-15-2007
Title Assistant Field Manager Lands & Mineral Resources	Office	

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

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

*(Instructions on reverse)

NOTICE OF APPROVAL

RECEIVED

FEB 22 2007

DIV. OF OIL, GAS & MINING

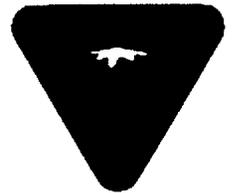


075XS 0147A



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

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



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company	Location: NESE, Sec 8, T9S, R16E
Well No: Federal 9-8-9-16	Lease No: UTU-64379
API No: 43-013-33058	Agreement: N/A

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

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

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

NOTIFICATION REQUIREMENTS

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

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

1. Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
2. Lands in this lease have been identified as containing Golden eagle habitat. Modifications to the Surface Use Plan of Operations may be required in order to protect the Golden eagle and/or habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
3. Timing Limitation – **March 1 through June 30** – If it is anticipated that construction and drilling will occur within the timing limitation for sage grouse nesting areas, a BLM biologist must be contacted at least 2 weeks prior to the anticipated construction start date so surveys can be initiated.

CONDITIONS OF APPROVAL:

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

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

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

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

21. All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
22. All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
23. Notify the Authorized Officer 48 hours prior to surface disturbing activities.

1. *DOWNHOLE CONDITIONS OF APPROVAL*

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

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. None

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

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

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

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

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

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

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

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

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

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

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

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

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

of the CBL to this office.

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

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

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

h. Communitization agreement number, if applicable.

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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 9-8-9-16

Api No: 43-013-33058 Lease Type: FEDERAL

Section 08 Township 09S Range 16E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 03/14/07

Time 10:00 AM

How DRY

Drilling will Commence: _____

Reported by JUSTIN CRUM

Telephone # (435) 823-6733

Date 03/14/07 Signed CHD

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

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

OPERATOR ACCT. NO. N2895

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				SPUD DATE	EFFECTIVE DATE	
					GD	SC	TP	RG			COUNTY
A	99999	15990	43-047-36283	FEDERAL 12-20-8-18	NW/SW	20	8S	18E	UINTAH	3/7/2007	3/15/07
WELL 1 COMMENTS: <u>GRU</u>											
B	99999	12187	43-013-33275	<u>Hawkeye</u> FEDERAL H-26-8-16	NW/NE	26	8S	16E	DUCHESNE	3/8/2007	3/15/07
<u>GRU</u> <u>BHL = CN/2</u>											
A	99999	15991	43-047-36661	FEDERAL 4-29-8-18	NW/NW	29	8S	18E	UINTAH	3/8/2007	3/15/07
<u>GRU</u>											
A	99999	15992	43-047-36658	FEDERAL 1-29-8-18	NE/NE	29	8S	18E	UINTAH	3/12/2007	3/15/07
<u>GRU</u>											
A	99999	15993	43-047-36659	FEDERAL 2-29-8-18	NW/NE	29	8S	18E	UINTAH	3/13/2007	3/15/07
WELL 5 COMMENTS: <u>GRU</u>											
A	99999	15994	43-013-33058	FEDERAL 9-8-9-16	NE/SE	8	9S	16E	DUCHESNE	3/14/2007	3/15/07
WELL 5 COMMENTS: <u>GRU</u>											

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

RECEIVED
MAR 15 2007

Lana Nebeker
Signature
LANA NEBEKER
Production Analyst
Title
March 15, 2007
Date

DIV. OF OIL, GAS & MINING

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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



1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 2136 FSL 944 FEL
 NESE Section 8 T9S R16E

5. Lease Serial No.
 USA UTU-64379

6. If Indian, Allottee or Tribe Name.

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

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

9. API Well No.
 4301333058

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

11. County or Parish, State
 DUCHESNE, UT

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

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

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

On 3/14/07 MIRU NDSI NS # 1. Spud well @ 10:00 AM. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 323 KB. On 3/22/07 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/sk yeild. Returned 5 bbls cement to pit. WOC.

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

Title
 Drilling Foreman

Date
 03/27/2007



Approved by _____ Title _____ Date _____

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

Office _____

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

(Instructions on reverse)

RECEIVED

MAR 28 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 323.83

LAST CASING 8 5/8" SET AT 323.83'
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 320' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR NewField Production Company
 WELL Federal 9-8-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI NS#1

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 44.49'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	312.93
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			313.83
TOTAL LENGTH OF STRING		313.83	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			323.83
TOTAL		311.98	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		311.98	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.	Spud	3/14/2007	8:45 AM	GOOD CIRC THRU JOB		Yes	
CSG. IN HOLE		3/16/2007	9:00 AM	Bbls CMT CIRC TO SURFACE		5	
BEGIN CIRC		3/22/2007	11:18 AM	RECIPROCATED PIPE FOR		____ THRU ____ FT STROKE	
BEGIN PUMP CMT		3/22/2007	12:02 PM	N/A			
BEGIN DSPL. CMT		3/22/2007	12:16 PM	BUMPED PLUG TO		140 PSI	
PLUG DOWN		3/22/2007	12:24 PM				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third for 3							

COMPANY REPRESENTATIVE Justin Crum DATE 3/23/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.
USA UTU-64379

6. If Indian, Allottee or Tribe Name.

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

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

9. API Well No.
4301333058

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2136 FSL 944 FEL
NESE Section 8 T9S R16E

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

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

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

On 3/25/07 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6150'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 139 jt's of 5.5 J-55, 15.5# csgn. Set @ 6157' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 15 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 92,000 #'s tension. Release rig @ 12:00 AM on 3/31/07.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Jim Smith	Title Drilling Foreman
Signature 	Date 03/31/2007

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

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

(Instructions on reverse)

RECEIVED

APR 03 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6157.35

Flt cllr @ 6176.27'

LAST CASING 8 5/8" Set@ 323'
 DATUM 12
 DATUM TO CUT OFF CASING 12
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 6150 LOGGEF 6156'
 HOLE SIZE 7 7/8"

OPERATOR Newfield Production Company
 WELL Federal 9-8-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI Rig # 1

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt @ ± 4035' / 34.33'					
138	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	6009.47
							0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	44.1
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6159.35
TOTAL LENGTH OF STRING		6159.35	139	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		133.71	3	CASING SET DEPTH			6157.35
TOTAL		6277.81	142	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6277.81	142				
TIMING		1ST STAGE	2nd STAGE	GOOD CIRC THRU JOB <u>yes</u> Bbls CMT CIRC TO SURFACE <u>15</u> RECIPROCATED PIPE FOR <u>THRUSTROKE</u> DID BACK PRES. VALVE HOLD ? <u>yes</u> BUMPED PLUG TO <u>1700</u> PSI			
BEGIN RUN CSG.		3/30/2007	11:30AM				
CSG. IN HOLE		3/30/2007	3:00PM				
BEGIN CIRC		3/30/2007	3:20PM				
BEGIN PUMP CMT		3/30/2007	4:19PM				
BEGIN DSPL. CMT		3/30/2007	5:15PM				
PLUG DOWN		3/30/2007	5:41PM				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1		Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2		50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Jim Smith

DATE 3/30/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.
USA UTU-64379

6. If Indian, Allottee or Tribe Name.

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

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

9. API Well No.
4301333058

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2136 FSL 944 FEL
NESE Section 8 T9S R16E

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

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

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

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

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

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

I hereby certify that the foregoing is true and correct (Printed/ Typed) Mandie Crozier	Title Regulatory Specialist
Signature <i>Mandie Crozier</i>	Date 04/24/2007

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

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(Instructions on reverse)

RECEIVED

APR 25 2007

DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NO.

UTU-64379

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

1a. TYPE OF WORK

OIL WELL GAS WELL DRY Other _____

7. UNIT AGREEMENT NAME
Federal

1b. TYPE OF WELL

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

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

2. NAME OF OPERATOR

Newfield Exploration Company

9. WELL NO.
43-013-33058

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

10. FIELD AND POOL OR WILDCAT
Monument Butte

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface 2136' FSL & 944' FEL (NE/SE) Sec. 8, T9S, R16E

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 8, T9S, R16E

At top prod. Interval reported below

At total depth

14. API NO. 43-013-33058 DATE ISSUED 04/25/06

12. COUNTY OR PARISH Duchesne 13. STATE UT

15. DATE SPUNDED 03/14/07 16. DATE T.D. REACHED 03/29/07 17. DATE COMPL. (Ready to prod.) 04/23/07 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5892' GL 5904' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6150' 21. PLUG BACK T.D., MD & TVD 6112' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY -----> ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
Green River 4296'-5274'

25. WAS DIRECTIONAL SURVEY MADE
No

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

27. WAS WELL CORED
No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	324'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6157'	7-7/8"	300 sx Premlite II and 425 sx 50/50 Poz	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5333'	TA @ 5205'

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	
(A1,3) 5264'-74, 5242'-48', 5222'-28'	.49"	4/88	5222'-5274'	Frac w/ 100,620# 20/40 sand in 712 bbls fluid	
(B1) 5050'-5057'	.43"	4/28	5050'-5057'	Frac w/ 24,901# 20/40 sand in 341 bbls fluid	
(C) 4949'-4957'	.43"	4/32	4949'-4957'	Frac w/ 15,025# 20/40 sand in 268 bbls fluid	
(D1&2) 4866'-79', 4814'-24'	.43"	4/92	4814'-4879'	Frac w/ 140,271# 20/40 sand in 940 bbls fluid	
(GB4) 4296'-4309'	.43"	4/52	4296'-4309'	Frac w/ 75,560# 20/40 sand in 560 bbls fluid	

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)				WELL STATUS (Producing or shut-in)	
04/23/07		2-1/2" x 1-1/2" x 20' RHAC SM Plunger Pump				PRODUCING	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 day ave			----->	140	33	49	236
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
		----->					

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

TEST WITNESSED BY
RECEIVED

35. LIST OF ATTACHMENTS

MAY 17 2007

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

SIGNED Jerry Park TITLE Production Clerk DATE 5/11/2007

DIV. OF OIL, GAS & MINING JP

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

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Federal 9-8-9-16	Garden Gulch Mkr	3777'	
				Garden Gulch 1	3994'	
				Garden Gulch 2	4103'	
				Point 3 Mkr	4362'	
				X Mkr	4631'	
				Y-Mkr	4664'	
				Douglas Creek Mkr	4778'	
				BiCarbonate Mkr		
				B Limestone Mkr	5134'	
				Castle Peak	5644'	
				Basal Carbonate	6095'	
				Total Depth (LOGGERS)	6156'	

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

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

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

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

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301333058

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

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 2136 FSL 944 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESE, 8, T9S, R16E

STATE: UT

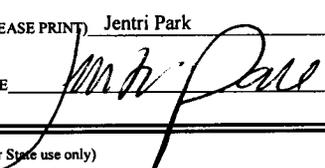
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will <hr/>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 05/08/2007	<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 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 04/23/07, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE 

DATE 05/08/2007

(This space for State use only)

RECEIVED

MAY 1 / 2007

DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 9-8-9-16

2/1/2007 To 6/30/2007

4/14/2007 Day: 1**Completion**

Rigless on 4/13/2007 - Instal 5K frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6074' & cement top @ 96'. Perforate stage #1, A3 sds @ 5264-74', A1 sds @ 5242-48', 5222-28' w/ 3-1/8" Slick Guns (19 gram, .49"HE. 120°) w/ 4 spf for total of 88 shots. 145 bbls EWTR. SIFN.

4/20/2007 Day: 2**Completion**

Rigless on 4/19/2007 - RU BJ Services "Ram Head" frac flange. RU BJ & frac A sds, stage #1 down casing w/ 100,620#'s of 20/40 sand in 712 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 1767 psi. Treated @ ave pressure of 1866 w/ ave rate of 25.2 w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in plush for next stage. ISIP was 2198. 857 bbls EWTR. Leave pressure on well. RU Lone Wolf WLT, crane & lubricator. RIH W Weatherford 5-1/2" composite (solid 6K) frac plug & 7' perf gun. Set plug @ 5160' Perforate B1 sds @ 5050-57' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 spf for total of 28 shots. RU BJ & perfs won't break down. RIH & spot 12 bbls of 15% HCL acid on perfs. RU BJ & frac stage #2 w/ 24,901#'s of 20/40 sand in 341 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 3420 psi. Treated @ ave pressure of 1844 w/ ave rate of 25.6 w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in plush for next stage. ISIP was 1903. 1198 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ (solid 6K) frac plug & 8' perf gun. Set plug @ 5000' Perforate C sds @ 4949-57' w/ 4 spf for total of 32 shots. RU BJ & perfs won't break down. RIH & spot 12 bbls of 15% HCL acid on perfs. RU BJ & frac stage 3# w/ 15,025#'s of 20/40 sand in 268 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2444 psi. Treated @ ave pressure of 2058 w/ ave rate of 25.5 w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in plush for next stage. ISIP was 3687. 1466 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ (solid 6K) frac plug & 13' perf gun. Set plug @ 4910' Perforate D2 sds @ 4866-79', D1 sds @ 4814-24' w/ 4 spf for total of 92 shots. RU BJ & frac stage 4# w/ 140,271#'s of 20/40 sand in 940 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 3037 psi. Treated @ ave pressure of 1825 w/ ave rate of 25.5 w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in plush for next stage. ISIP was 2118. 2406 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ flow through frac plug & 13' perf gun. Set plug @ 4410'. Perforate GB4 sds @ 4296-4309' w/ 4 spf for total of 52 shots. SIFN.

4/21/2007 Day: 3**Completion**

Western #2 on 4/20/2007 - RU BJ & frac stage 5# w/ 75,560#'s of 20/40 sand in 560 bbls of Lightning 17 frac fluid. Open well w/ 490 psi on casing. Perfs broke down @ 3604 psi. Treated @ ave pressure of 1672 w/ ave rate of 25.4 w/ 8 ppg of sand. ISIP was 1958. 2966 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 3 hours & died w/ 210 bbls rec'd. MIRUSU. RD Cameron BOP's & 5K frac head. Instal 3K production head & Schaefer BOP's. TIH w/ 4-3/4" chomp bit, bit sub, new J-55, 6.5# tbg off racks w/ 143 jts tag plug @ 4410'. RU pump tank & swivel. Drlg up plug #1. Circulate well clean. SIFN.

4/22/2007 Day: 4**Completion**

Western #2 on 4/21/2007 - leed pressure off well. Rec est 15 BTF. Con't C/O sd & drill out composite bridge plugs as follows (using conventional circulation): sd @ 4872', plug @ 4910' in 20 minutes; sd @ 4943', plug @ 5000' in 24 minutes; sd @ 5086', plug @ 5160' in 12 minutes. Hang back swivel & con't PU tbg. Tag fill @ 5978'. PU swivel. Drill plug remains & sd to PBD @ 6112'. Circ hole clean. Lost est 180 BW during cleanout. RD swivel. Pull EOT to 6010'. RU swab equipment. IFL @ sfc. Made 13 swb runs rec 143 BTF W/ light gas, tr oil & no sd. FFL @ 1600'. SIFN W/ est 2778 BWTR.

4/24/2007 Day: 5**Completion**

Western #2 on 4/23/2007 - Bleed gas off well. TIH W/ tbg f/ 6010'. Tag PBD @ 6112' (no new fill). Circ hole clean. Lost est 75 BW & rec tr oil. LD excess tbg. TOH W/ tbg--LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 2 jts tbg, new CDI 5 1/2" TA (45K) & 168 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 5205' W/ SN @ 5269' & EOT @ 5333'. Land tbg W/ 16,000# tension. NU wellhead. RU & Flush tbg W/ 60 BW (returned 40 bbls). PU & TIH W/ pump and "A" & "B" grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 20' RHAC pump, 6-1 1/2" weight rods, 10-3/4" scraped rods, 94-3/4" plain rods (top 25 "A" grade), 98-3/4" scraped rods, 1-8', 1-6', 1-4' & 1-2' X 3/4" pony rods (A) and 1 1/2" X 26' polished rod (A). Seat pump & RU pumping unit. Fill tbg W/ 1 BW. Pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 2874 BWTR. Place well on production @ 6:30 PM 4/23/2007 W/ 120" SL @ 5 SPM. FINAL REPORT!!

Pertinent Files: Go to File List

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FEDERAL 9-8-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013330580000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2136 FSL 0944 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 08 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: 9/14/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The subject well has been converted from a producing oil well to an injection well on 09/13/2012. New perforations GB4 sands 4155-4158' 3 JSPF. On 09/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 9/14/2012 the casing was pressured up to 1760 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 80 psig during the test. There was not a State representative available to witness the test.

Accepted by the Utah Division of Oil, Gas and Mining

Date: September 27, 2012

By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/21/2012	

Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: _____ Date 9/14/12 Time 11:00 am pm
Test Conducted by: Kody OLSON
Others Present: _____

Well: <u>FEDERAL 9-8-9-16</u>	Field: <u>MON. BUTTE</u>
Well Location: <u>NE/SE SEC. 8, T9S, R16E</u> <u>Duchesne Cty, UT</u>	API No: <u>43-013-33058</u> <u>UTV 87538X</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1760</u>	psig
5	<u>1760</u>	psig
10	<u>1760</u>	psig
15	<u>1760</u>	psig
20	<u>1760</u>	psig
25	<u>1760</u>	psig
30 min	<u>1760</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 80 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: [Signature]

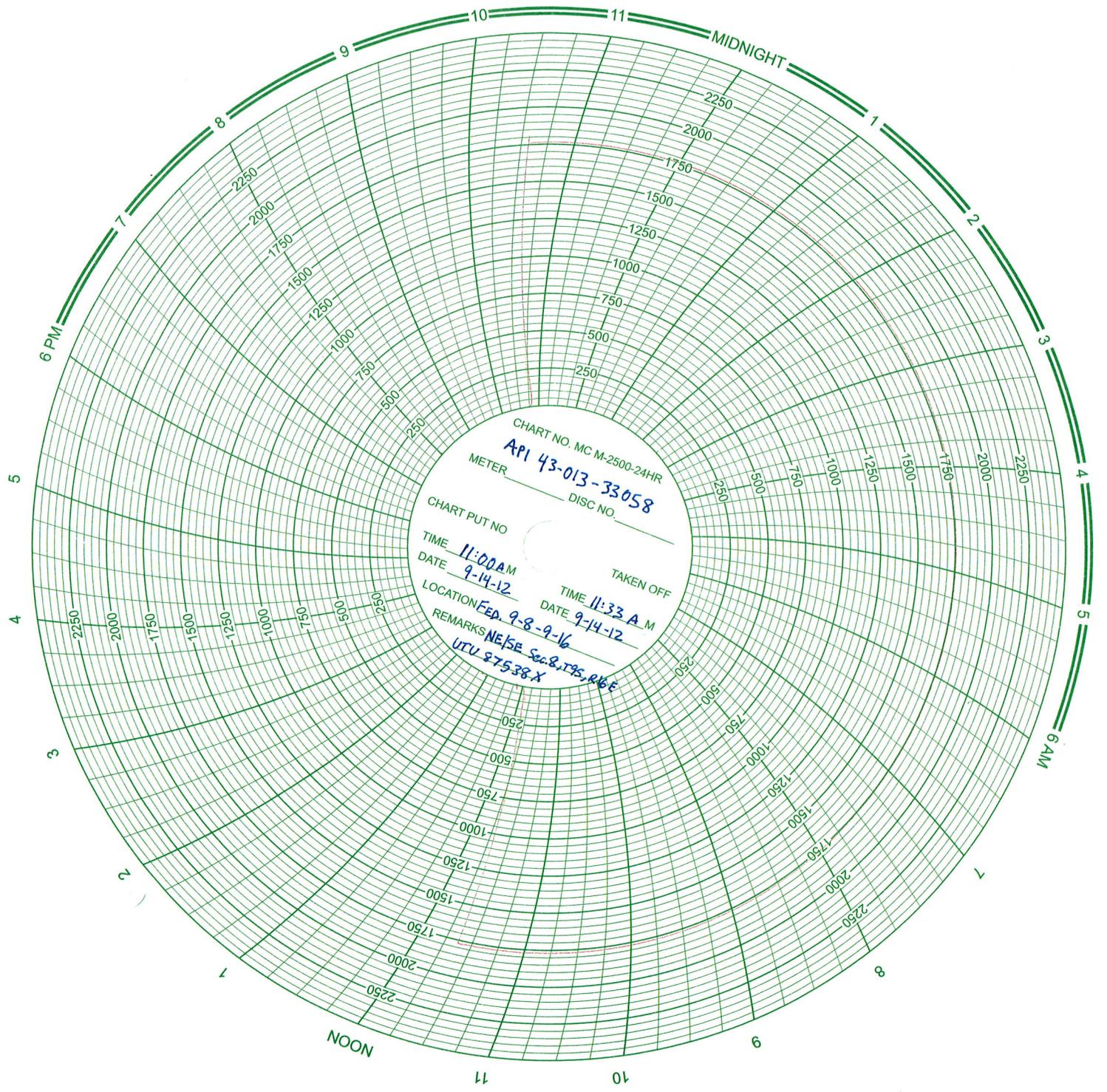


CHART NO. MC M-2500-24HR
API 43-013-33058
METER _____ DISC NO. _____
CHART PUT NO. _____
TIME 11:00 AM
DATE 9-14-12
LOCATION Fed. 9-8-9-16
REMARKS NE/SE Sec 8, T95, R16 E
URU 87538 X
TIME 11:33 A.M.
DATE 9-14-12
TAKEN OFF _____

Daily Activity Report

Format For Sundry
FEDERAL 9-8-9-16
7/1/2012 To 11/30/2012

9/10/2012 Day: 1

Conversion

NC #1 on 9/10/2012 - R/U,H/O Csg,u/s pmp,Flush Tbg,S/P,Fill & tst tbg to 3500 psi,u/s pmp pooh L/D Rod prod strng & pmp.n/u bop,Rel t/a,pooh w/-133 Jts tbg Breaking & redoping toll jts w/-liq o ring, swi, c/dsf. - 5:30AM-6:00AM C/Trvl, 6:00AM R/U NC#1. BMW H/Oiler pmp 60 BW D/Csg. R/D Unit,Try To U/S pmp, pmp Would Not U/S, H/Oiler pmp 140 BW D/Csg While Trying To U/S pmp, pmp Came Off Seat. Flush Tbg W/-30 BW, S/P Fill Tbg W/-7 BW, P/Tst Tbg To 3500 Psi,Good Tst. U/S pmp,POOH L/D 1 1/2X26' Polish Rod,3/4X2'-4'-6'-8' Ponys, 98- 3/4 4 Per, 94- 3/4 Slick-11-3/4 4 Per, 6-1 1/2 Wt Bars & pmp. Flushed Tbg W/-20 BW On TOOH. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A, POOH W/-133 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring, SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$11,037

9/11/2012 Day: 2

Conversion

NC #1 on 9/11/2012 - R/U Perforators W/L RIH Perf Zne GB2 @ 4155'-4158' W/3 SPF,RIH W/-TS Plg, HD Pkr,Set Plg @ 4227',POOH Set Pkr @ 4099',P/Tst Pkr & Plg To 1500 Psi.Perfs Broke @ 3600 Psi,pmp 5 BW In Perfs 1700 Psi @ .90 BPM,SWI,C/SDFD. - 5:30AM-6:00AM C/Trvl, 6:00AM R/U BMW H/Oiler pmp 20 BW D/Csg, POOH L/D W/-35 Jts Tbg, 5 1/2 T/A, 2 Jts Tbg, S/N, 2 Jts Tbg, N/C. R/U Perforators W/L RIH & Perf Zone GB2 @ 4155'- 4158' W/-3 SPF. R/D W/L Aftr Perf. P/U & RIH W/-5 1/2 TS Plg, Ret HD, 2 7/8X6' Tbg Sub, 5 1/2 HD Pkr, S/N, 134 Jts Tbg, Set Plg @ 4227', POOH Set Pkr @ 4099', R/U H/Oiler Fill Tbg W/- BW, P/Test Tbg & Tools To 1,500 Psi, Good Test. Perfs Broke @ 3,600 Psi, pmp 5 BW In Perfs 1,700 Psi @ .90 BPM, SWI, 3:00PM C/SDFN, 3:00PM-3:30PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$15,068

9/12/2012 Day: 3

Conversion

NC #1 on 9/12/2012 - owu,fill csg w/47 bw,R/u BJ to frac zne GB2,R/D BJ aftr frac,flow zne back,rel pkr & plg,pooh L/D n-80 tbg & pkr plg,RIH W/5 1/2 Arrow #1 Pkr Assembly & Tbg, - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, R/U R/pmp Fill Csg W/-47 BW. R/U BJ To Frac Zone GB2, R/D BJ Aftr Frac, OWU, Flowed 83 BW, Rel Pkr, Curc Well Cln, RIH To Plg Curc Well Cln, Rel Plg. POOH W/-134 Jts Tbg, Pkr & Plg.P/U & RIH W/-2 3/8 Re enrtty Guide, 2 3/8 X/N Nipple,, 2 3/8 Tbg Sub, 2 3/8X2 7/8 XO, 5 1/2 Arrow #1 Pkr, On Off Tool, 2 7/8 S/N, 133 Jts Tbg, R/U R/pmp, Flush Tbg W/-20 BW, Drop SV, Fill Tbg, P/Test Tbg To 3,000 Psi, Tbg Unstabilized, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - Open for immediate flowback @ approx 3 BPM on a 30/64 choke. RDMO Baker Hughes frac equipment. - MIRU Baker Hughes frac equipment. Held safety meeting w/ rig crew, Weatherford tool hand & Baker Hughes frac crew discussing: smoking area, evacuation plan, working with overhead loads, pressurized iron, PPE & working with unfamiliar crew members. - Pressure test pump lines to 8200 psi. Fill tbg-csg annulus w/ 47 BW w/ rig pump & pressure to 200 to monitor during frac. Frac GB2 sands w/ 10,170#s 20/40 white sand in 107 bbls Lightning 17 frac fluid. Broke @ 2189 psi, 2.5 BPM w/ 4.5 BW. ISIP 1578 psi, FG: .81, 1 min SIP 1360 psi, 4 min SIP 1332 psi. Pumped 500 gals 15% HCL. Treated w/ ave press of 4209 psi and max press of 5127 psi, ave rate of 17.2 BPM & max rate of 18.6 BPM. Flushed w/ 25 BW @ 4110 psi, 18.0 BPM. ISDP 1707 psi, 5 min SIP 1651 psi, 10 min SIP 1618 psi, 15 min SIP 1588 psi.

Daily Cost: \$0
Cumulative Cost: \$46,256

9/13/2012 Day: 4

Conversion

NC #1 on 9/13/2012 - Chek Tbg Psi,Good Tst.N/D BOP,pmp Pkr Fluid,Set Pkr,N/U W/-HD,P/Tst Cst Csg,Good Test. R/D Rig (Final Rig Report) Ready For MIT. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU W/-3290 Psi On Tbg Good Test. R/D R/Flr, N/D BOP, N/U W/-HD, BMW H/Oiler pmp 70 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD, Set Pkr In 15,000 Tension, N/U W/-HD.Fill Csg W/-12 BW, P/Test Csg & Pkr To 1,500 Psi, Good Test. Rack Out Eq, R/D Rig, Move Out @ 2:30PM (Final Report) READY FOR MIT.

Daily Cost: \$0
Cumulative Cost: \$54,313

9/17/2012 Day: 5

Conversion

Rigless on 9/17/2012 - Conduct initial MIT - On 09/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/14/2012 the casing was pressured up to 1760 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 80 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0
Cumulative Cost: \$142,583

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Water Injection Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: FEDERAL 9-8-9-16
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013330580000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2136 FSL 0944 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 08 Township: 09.0S Range: 16.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/4/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Put on Injection"/>

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

The above reference well was put on injection at 4:21 PM on
10/04/2012.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
October 09, 2012**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/8/2012	



June 7, 2012

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

RECEIVED
JUN 12 2012
DIV. OF OIL, GAS & MINING

RE: Permit Application for Water Injection Well
Federal #9-8-9-16
Monument Butte Field, Lease #UTU-64379
Section 8-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #9-8-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg", with a long, sweeping underline that extends to the right.

Eric Sundberg
Regulatory Lead

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #9-8-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-64379
JUNE 7, 2012

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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: Federal #9-8-9-16
Field or Unit name: Monument Butte (Green River) Lease No. UTU-64379
Well Location: QQ nese section 8 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? Yes [X] No []
Will the proposed well be used for: Enhanced Recovery? Yes [X] No []
 Disposal? Yes [] No [X]
 Storage? Yes [] No [X]
Is this application for a new well to be drilled? Yes [] No [X]
If this application is for an existing well,
has a casing test been performed on the well? Yes [] No [X]
Date of test: _____
API number: 43-013-33058

Proposed injection interval: from 4102 to 6112
Proposed maximum injection: rate 500 bpd pressure 1870 psig
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg Signature 
Title Regulatory Lead Date 6/17/12
Phone No. (303) 893-0102

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

Federal 9-8-9-16

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

Initial Production: BOPD,
 MCFD, BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

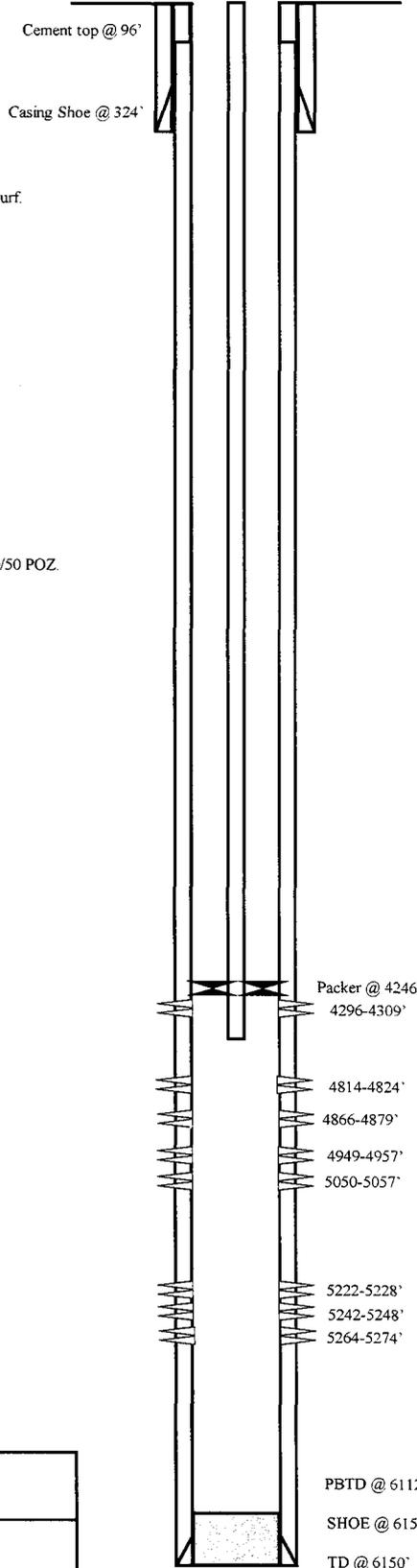
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (312.93')
 DEPTH LANDED: 323.83' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

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: 168 jts (5193.30')
 TUBING ANCHOR: 5205.30' KB
 NO. OF JOINTS: 2 jts (60.72')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5268.82' KB
 NO. OF JOINTS: 2 jts (63.08')
 TOTAL STRING LENGTH: EOT @ 5333.45' 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.

PERFORATION RECORD

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

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

PBTD @ 6112'

SHOE @ 6157'

TD @ 6150'

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 #9-8-9-16 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 #9-8-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (4102' - 6112'). 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 3772' and the TD is at 6150'.

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

The referenced log for the Federal #9-8-9-16 is on file with the Utah Division of Oil, Gas and Mining.

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

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

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

See Attachment B.

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

See Attachment C.

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

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

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

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

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

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

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

See Attachments A and B.

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

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

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

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

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

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

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

The casing program is 8-5/8", 24# surface casing run to 324' KB, and 5-1/2", 15.5# casing run from surface to 6147' 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 1870 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 #9-8-9-16, for existing perforations (4296' - 5274') calculates at 0.81 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 1870 psig. We may add additional perforations between 3772' and 6150'. 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 #9-8-9-16, the proposed injection zone (4102' - 6112') 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.

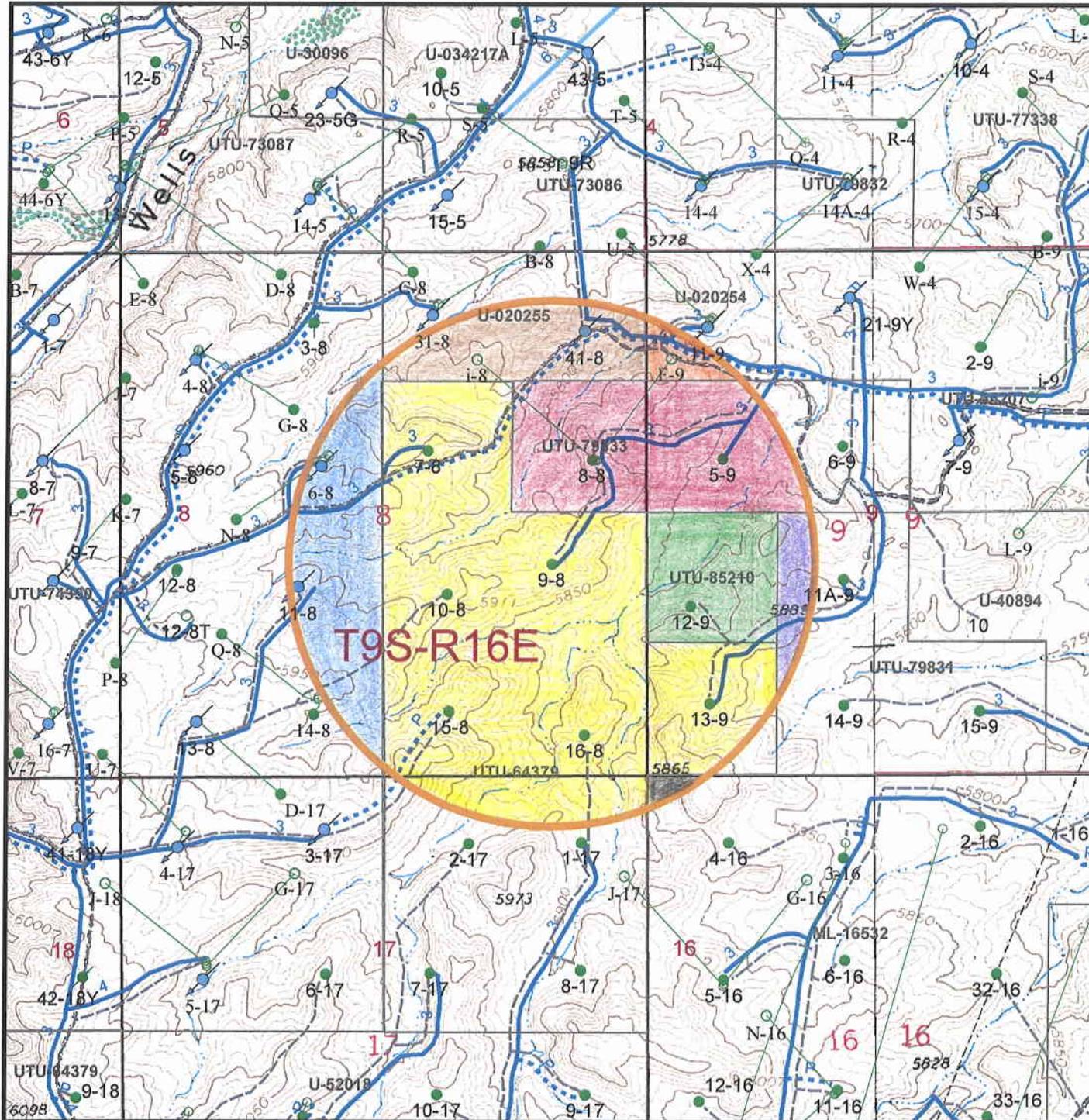
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

Countyline

- Countyline

Injection system

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

Leases

- Leases

Mining tracts

- Mining tracts

Handwritten notes:

- UTU-64379
- UTU-74390
- UTU-79833
- UTU-85210
- UTU-020255
- UTU-020254
- UTU-79831
- ST of UT ML-16532

Federal 9-8
Section 9, T 9S-R16E

NEWFIELD
ROCKY MOUNTAINS 1 in = 1,500 feet

1/2 Mile Radius Map
Duchesne & Uintah Counties

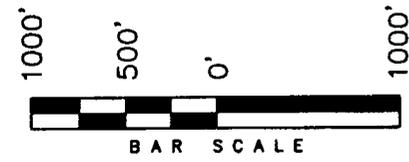
1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

May 2, 2012

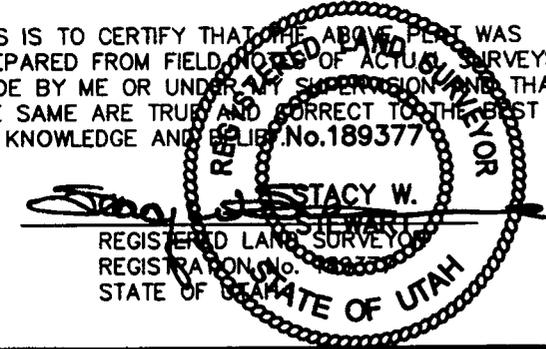
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 9-8-9-16,
 LOCATED AS SHOWN IN THE NE 1/4 SE
 1/4 OF SECTION 8, T9S, R16E, S.L.B.&M.
 DUCHESNE COUNTY, UTAH.

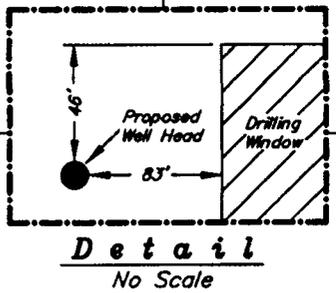
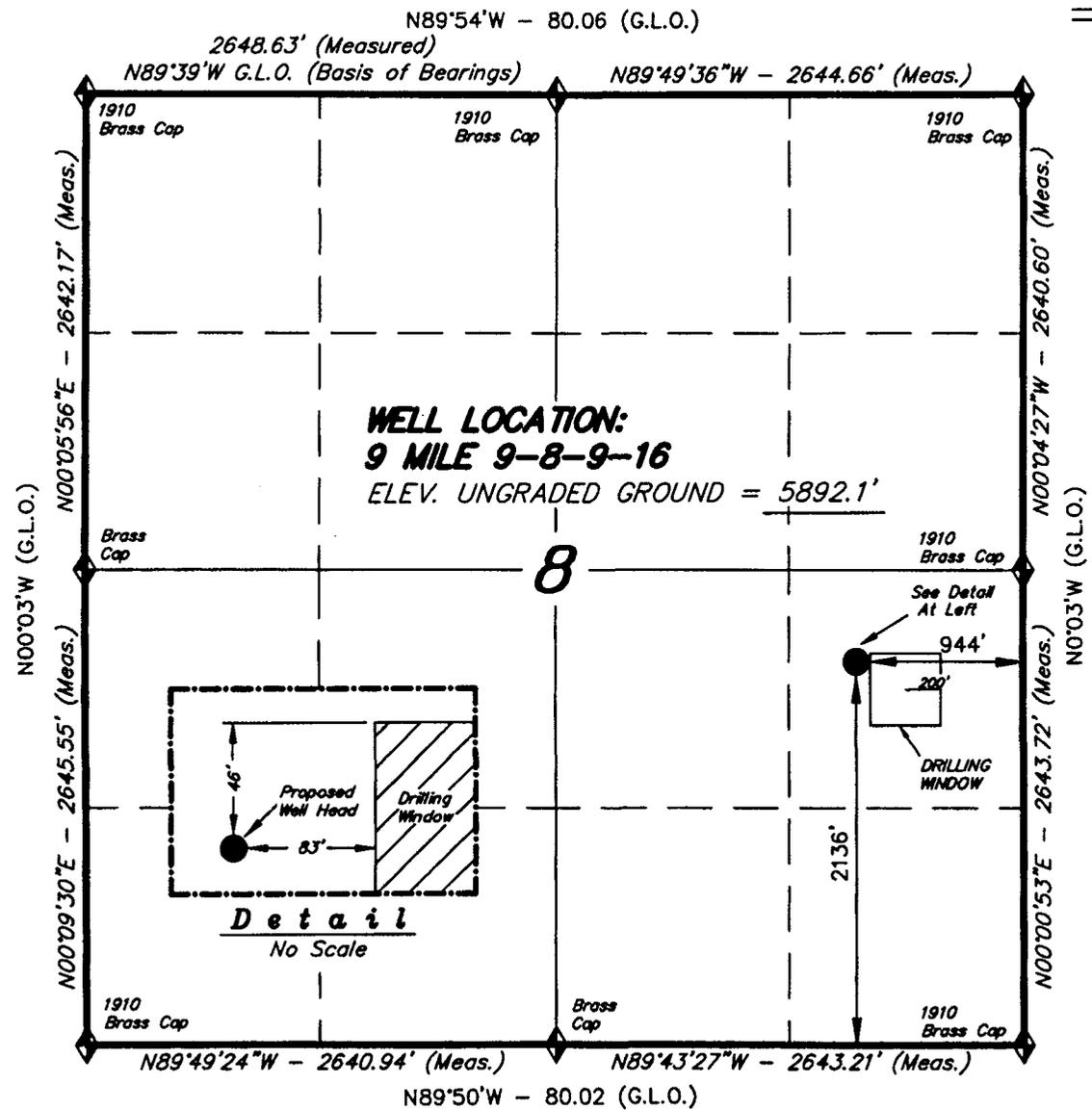


THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS
 PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
 MADE BY ME OR UNDER MY SUPERVISION AND THAT
 THE SAME ARE TRUE AND CORRECT TO THE BEST OF
 MY KNOWLEDGE AND BELIEF. No. 189377



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

DATE SURVEYED: 1-23-06	SURVEYED BY: C.M.
DATE DRAWN: 1-27-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'



9 MILE 9-8-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 02' 38.43"
 LONGITUDE = 110° 08' 13.74"

◆ = SECTION CORNERS LOCATED

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

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, LOTS 3, 4 Section 19: NE, E2NW, LOTS 1, 2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corp	USA
2	T9S-R16E SLM Section 6: All Section 7: All Section 8: W2 Section 17: NW Section 18: NE, E2NW, LOTS 1, 2	USA UTU-74390 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Corp 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: NWSW	USA UTU-85210 HBP	Newfield Production Company	USA
5	T9S-R16E SLM Section 8: N2NE	USA UTU- 020255 HBP	Newfield Production Company Newfield RMI LLC	USA

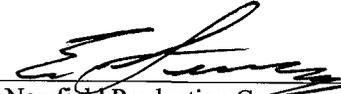
6	T9S-R16E SLM Section 9: NWNW	USA UTU- 020254 HBP	Newfield Production Company Newfield RMI LLC	USA
7	T9S-R16E SLM Section 16: All	State of Utah ML 16532 HBP	Newfield RMI LLC QEP Energy Company El Paso E&P Company LP American Petroleum Corp Brave River Production Trans Republic Resources Inc	State of Utah
8	T9S-R16E SLM Section 9: E2SW, SWSE	USA UTU-79831 HBP	Newfield Production Company Newfield RMI LLC	USA

ATTACHMENT C

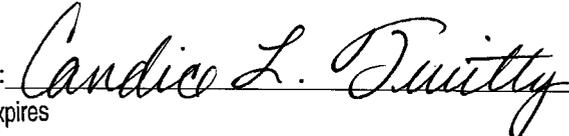
CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #9-8-9-16

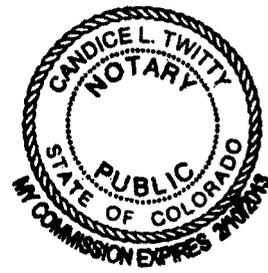
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: 
Newfield Production Company
Eric Sundberg
Regulatory Lead

Sworn to and subscribed before me this 7th day of June, 2012.

Notary Public in and for the State of Colorado: 
My Commission Expires
02/10/2013

My Commission Expires: _____



Federal 9-8-9-16

Attachment E

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

Initial Production: BOPD,
 MCFD, BWPD

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

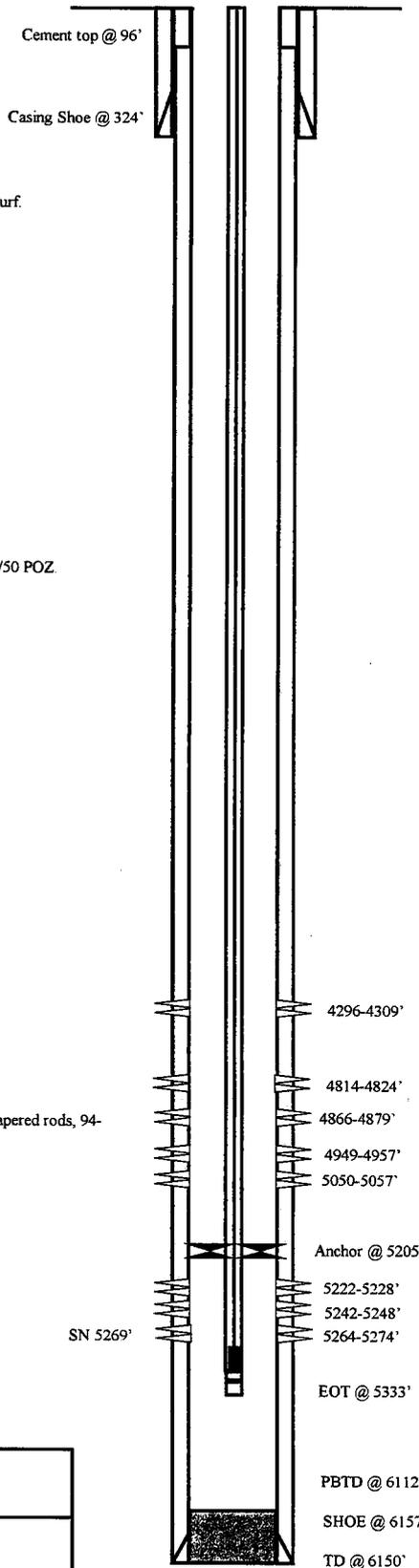
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 139 jts (6053.57')
 DEPTH LANDED: 6157.35' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 96'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 168 jts (5193.30')
 TUBING ANCHOR: 5205.30' KB
 NO. OF JOINTS: 2 jts (60.72')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5268.82' KB
 NO. OF JOINTS: 2 jts (63.08')
 TOTAL STRING LENGTH: EOT @ 5333.45' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
 SUCKER RODS: 1-8", 6', 4', 2' X 3/4" pony rods, 98- 3/4" scraped rods, 94- 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 20' RHAC w/SM plunger
 STROKE LENGTH: 120"
 PUMP SPEED, SPM: 5 SPM



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.

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

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 8-8-9-16

Attachment E-1

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

Wellbore Diagram

Initial Production: BOPD,
 MCFD, BWPD

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

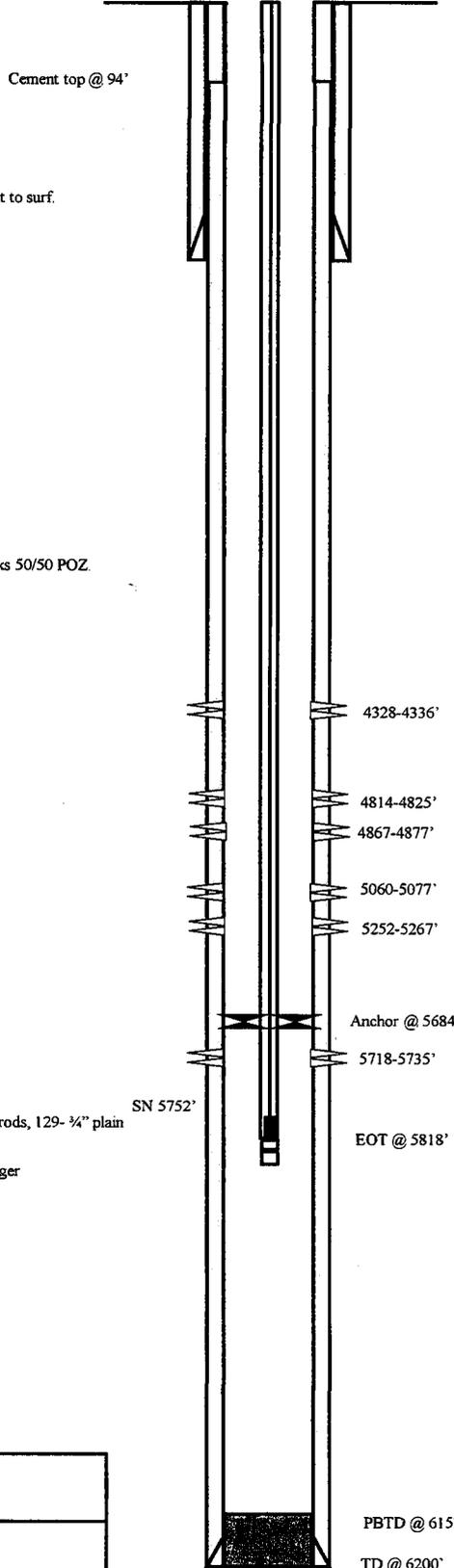
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 144 jts (6189.94')
 DEPTH LANDED: 6203.19' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 94'

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

Federal 7-8-9-16

Attachment E-2

Spud Date: 1-16-07
 Put on Production: 3-28-07
 GL: 5889' KB: 5901'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH 7 jts (311.5')
 DEPTH LANDED 323.35' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA 160 sxs Class "G" cmt, est 4 bbls cmt to surf

PRODUCTION CASING

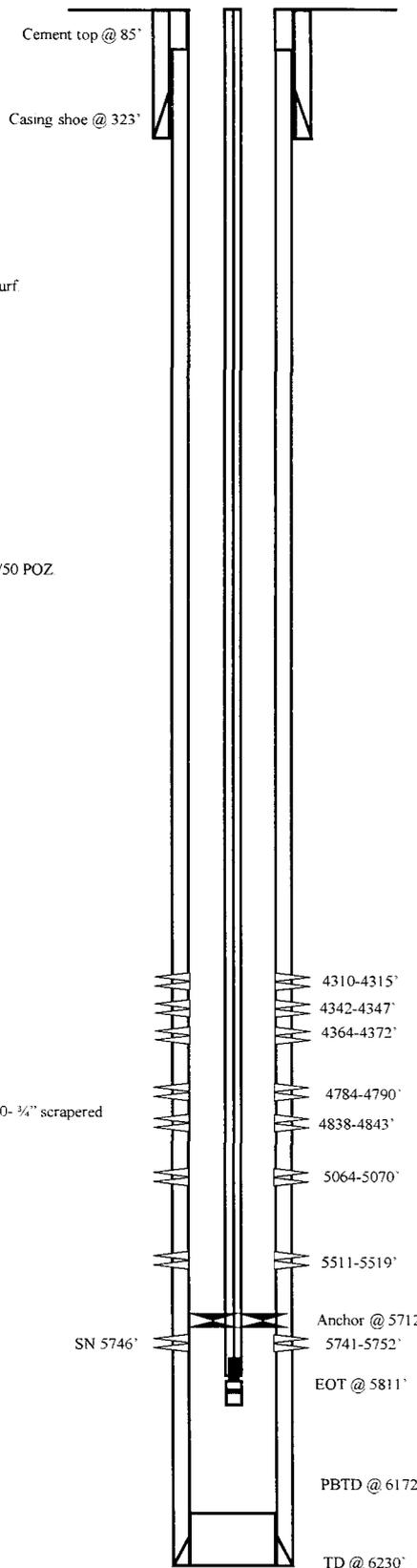
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH 141 jts (6204.07') Includes Shoe Jt (44.36')
 DEPTH LANDED: 6217.32' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ
 CEMENT TOP AT: 85'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO OF JOINTS 181 jts (5699.88')
 TUBING ANCHOR: 5711.88' KB
 NO OF JOINTS 1 jts (31.61')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5746.29' KB
 NO OF JOINTS 2 jts (63.22')
 TOTAL STRING LENGTH: EOT @ 5811' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 99- 3/4" scraped rods, 114- 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' RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM



FRAC JOB

Date	Interval	Description
04-19-07	5741-5752'	Frac CP1 sands as follows: 14783# 20/40 sand in 265 bbls Lightning 17 frac fluid. Treated @ avg press of 1736 psi w/avg rate of 25.2 BPM. ISIP 1660 psi. Calc flush: 5739 gal. Actual flush: 5208 gal.
04-19-07	5860-5870'	Frac LODC sands as follows: 35135# 20/40 sand in 375 bbls Lightning 17 frac fluid. Treated @ avg press of 2009 psi w/avg rate of 25.2 BPM. ISIP 2220 psi. Calc flush: 5858 gal. Actual flush: 5006 gal.
04-19-07	5064-5070'	Frac B1 sands as follows: 19832# 20/40 sand in 300 bbls Lightning 17 frac fluid. Treated @ avg press of 1820 psi w/avg rate of 25.5 BPM. ISIP 1850 psi. Calc flush: 5062 gal. Actual flush: 4553 gal.
04-19-07	4784-4843'	Frac DS3 sands as follows: 29693# 20/40 sand in 360 bbls Lightning 17 frac fluid. Treated @ avg press of 2140 w/ avg rate of 25.4 BPM. ISIP 1980 psi. Calc flush: 4782 gal. Actual flush: 4242 gal.
04-19-07	4310-4372'	Frac GB6, & GB4 sands as follows: 71931# 20/40 sand in 538 bbls Lightning 17 frac fluid. Treated @ avg press of 2566 w/ avg rate of 25.6 BPM. ISIP 1840 psi. Calc flush: 4308 gal. Actual flush: 4246 gal.

PERFORATION RECORD

Date	Interval	Tool	Holes
04-16-07	5741-5752'	4 JSPF	44 holes
04-19-07	5511-5519'	4 JSPF	32 holes
04-19-07	5064-5070'	4 JSPF	24 holes
04-19-07	4838-4843'	4 JSPF	20 holes
04-19-07	4784-4790'	4 JSPF	24 holes
04-19-07	4364-4372'	4 JSPF	32 holes
04-19-07	4342-4347'	4 JSPF	20 holes
04-19-07	4310-4315'	4 JSPF	20 holes

NEWFIELD



Federal 7-8-9-16

2003' FNL & 2179' FEL (NW/NE)
 Section 8, T9S, R16E
 Duchesne County, Utah
 API #43-013-33056; Lease # UTU-64379

FEDERAL 10-8-9-16

Spud Date: 1/10/07
 Put on Production: 03/20/07
 GL: 5883' KB: 5895'

Initial Production: BOPD,
 MCFD, BWPD

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

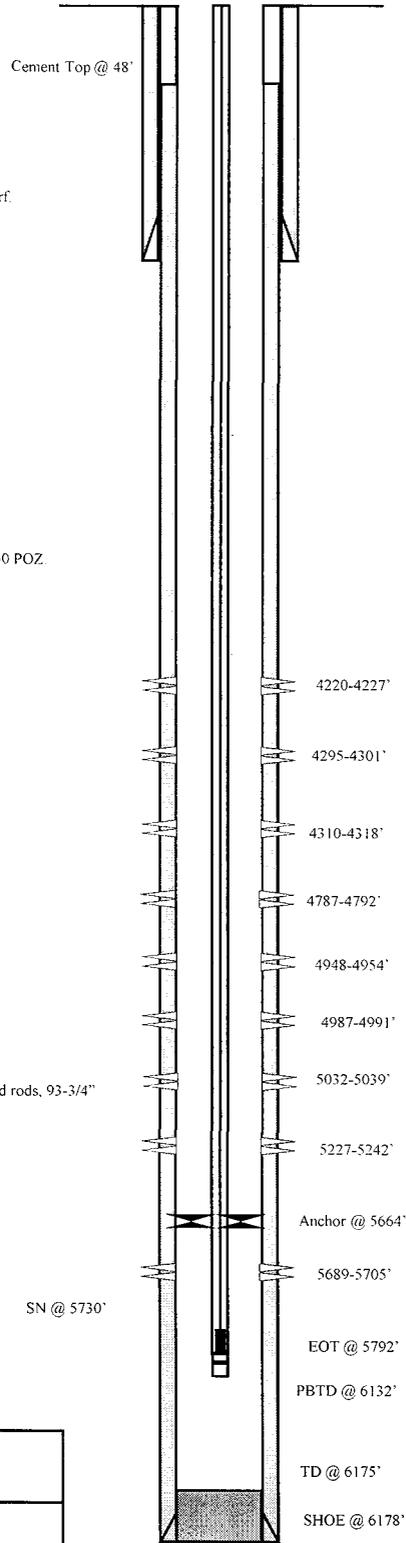
POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-2", 1-4", 1-8" x 3/4" ponies, 99-3/4" scraped rods, 93-3/4" plain rods, 30-3/4" scraped rods 6-1 1/2" weight rods.
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16" RHAC w/ sm Plunger
 STROKE LENGTH: 86"
 PUMP SPEED: 5 SPM

FRAC JOB

03/14/07	5689-5705'	Frac C₁ 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 G_{B6} 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 G_{B4} 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 #43-047-33059; 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

Initial Production: BOPD,
 MCFD, BWPD

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: 187 jts (5925.9')
 TUBING ANCHOR: 5935.9' KB
 NO. OF JOINTS: 1 jts (31.8')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5970.5' KB
 NO. OF JOINTS: 1 jts (31.6')
 TOTAL STRING LENGTH: EOT @ 6004' KB

SUCKER RODS

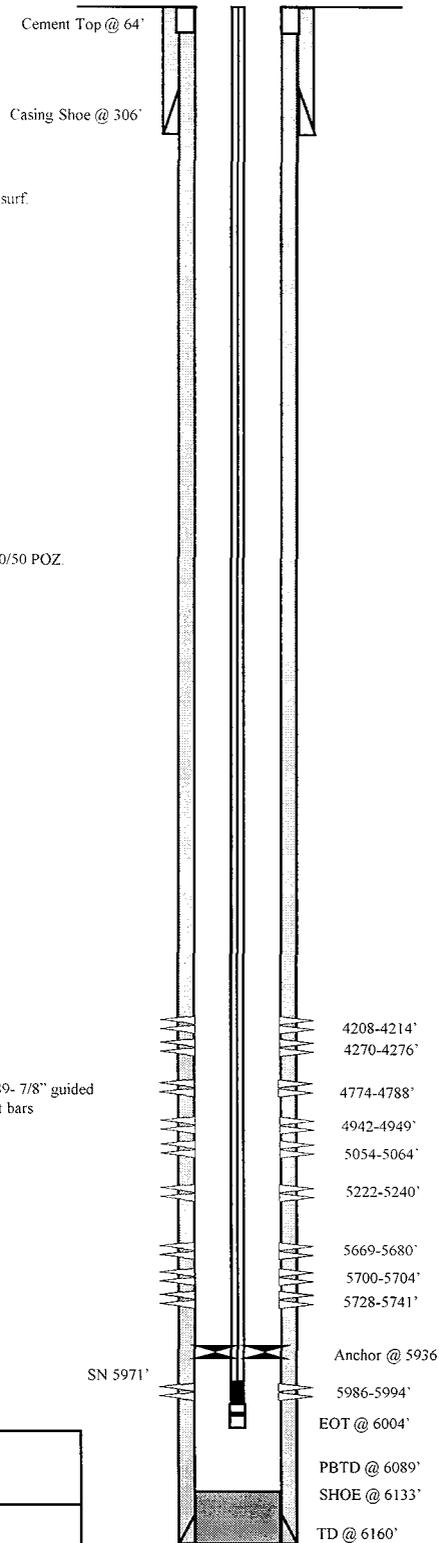
POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-2" x 7/8" pony rod, 1-8" x 3/4" pony rods, 89- 7/8" guided rods, 119- 3/4" sucker rods, 23- 3/4" guided rods, 6- 1 1/2" weight bars
 PUMP SIZE: 2-1/2" x 1-1/2" x 14' x 16' RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5

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.

PERFORATION RECORD

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 16-8-9-18

Spud Date: 4-6-06
 Put on Production: 6-29-06
 GL: 5035' KB: 5047'

Initial Production: BOPD,
 MCFD. BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (302.92')
 DEPTH LANDED: 314.77' 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: 135 jts (5822.94')
 DEPTH LANDED: 5836.19' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.
 CEMENT TOP AT: 340'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 176 jts (5559.84')
 TUBING ANCHOR: 5569.84' KB
 NO. OF JOINTS: 1 jts (31.53')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5604.17' KB
 NO. OF JOINTS: 2 jts (63.26')
 TOTAL STRING LENGTH: EOT @ 5668.98' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 2-4' x 3/4" pony rods, 100- 3/4" scraped rods, 89- 3/4" plain rods, 29- 3/4" scraped rods, 6- 1 1/2" weight bars
 PUMP SIZE: 2-1/2" x 1-1/2" x 16" RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM

FRAC JOB

06-26-06 5467-5581' **Frac CP5, CP4, & CP3 sands as follows:**
 40552# 20/40 sand in 442 bbls Lightning 17 frac fluid. Treated @ avg press of 1398 psi w/avg rate of 25.2 BPM. ISIP 1120 psi. Calc flush: 5465 gal. Actual flush: 4998 gal

06-26-06 5306-5338' **Frac CP.5. & CP1 sands as follows:**
 35025# 20/40 sand in 389 bbls Lightning 17 frac fluid. Treated @ avg press of 1372 psi w/avg rate of 25.3 BPM. ISIP 1310 psi. Calc flush: 5304 gal. Actual flush: 4788 gal.

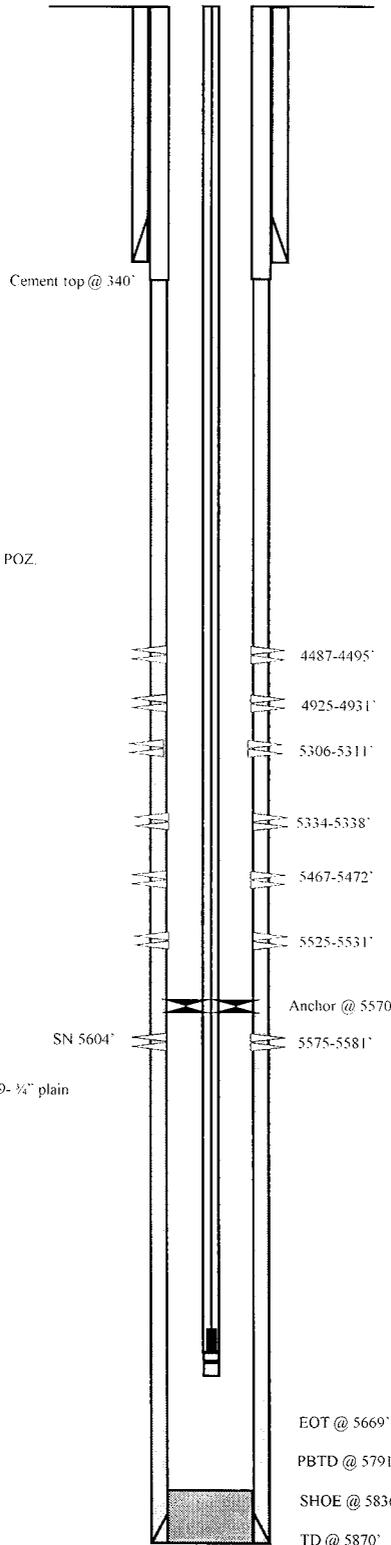
06-26-06 4925-4931' **Frac A .5 sands as follows:**
 20000# 20/40 sand in 302 bbls Lightning 17 frac fluid. Treated @ avg press of 1867 psi w/avg rate of 25.3 BPM. ISIP 1600 psi. Calc flush: 4923 gal. Actual flush: 4410 gal.

06-26-06 4487-4495' **Frac DS2 sands as follows:**
 36034# 20/40 sand in 400 bbls Lightning 17 frac fluid. Treated @ avg press of 1737 w/ avg rate of 11.6 BPM. ISIP 1855 psi. Calc flush: 4485 gal. Actual flush: 4410 gal.

11-02-06 **Parted rods:** Update rod and tubing details.
 04-13-07 **Pump Change:** Updated rod and tubing detail.

PERFORATION RECORD

Date	Depth	Length	Number of Holes	Hole Type
06-20-06	5575-5581'	6'	4	JSPF 24 holes
06-20-06	5525-5581'	56'	4	JSPF 36 holes
06-20-06	5467-5472'	5'	4	JSPF 20 holes
06-26-06	5334-5338'	4'	4	JSPF 16 holes
06-26-06	5306-5311'	5'	4	JSPF 20 holes
06-26-06	4925-4931'	6'	4	JSPF 24 holes
06-26-06	4487-4495'	8'	4	JSPF 32 holes





Federal 16-8-9-18
 661' FSL & 660' FEL.
 SE/SE Section 8-T9S-R18E
 Uintah Co, Utah
 API #43-047-36122; Lease #UTU-16540

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

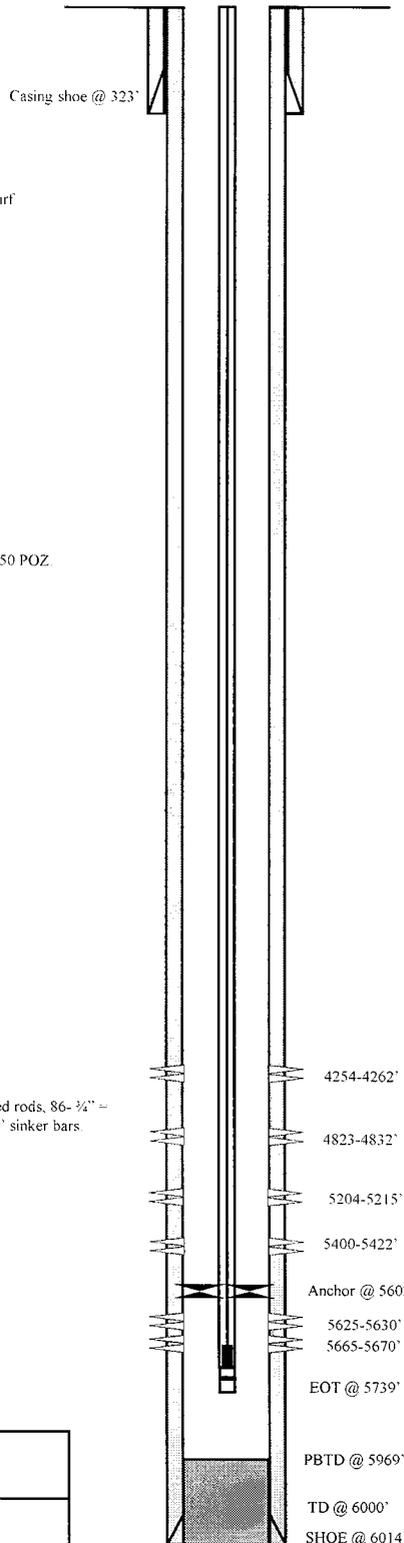
POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 1 x 3/4" = 4' pony rod, 89- 3/4" = 2250' guided rods, 86- 3/4" = 2150' sucker rods, 44- 3/4" = 1100' guided rods, 6- 1 1/2" = 150' sinker bars
 PUMP SIZE: CDI 2-1/2" x 1-1/4" x 16' x 20' RHAC
 STROKE LENGTH: 102"
 PUMP SPEED, SPM: 5

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 12-9-9-16

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

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

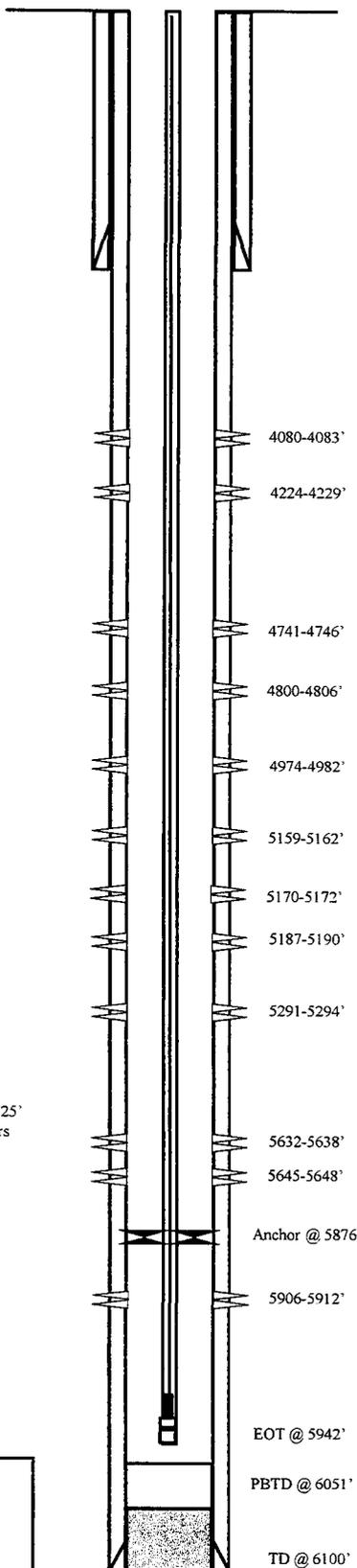
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 155 jts (6039')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 6093.01'
 CEMENT DATA: 265 sk Prem Lite II mixed & 400 sxs 50/50 POZ
 CEMENT TOP AT: 40'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO OF JOINTS 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 @ 5941.25'

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



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



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

Initial Production: BOPD,
MCFD, BWPD

GL: 5789' KB: 5801'

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

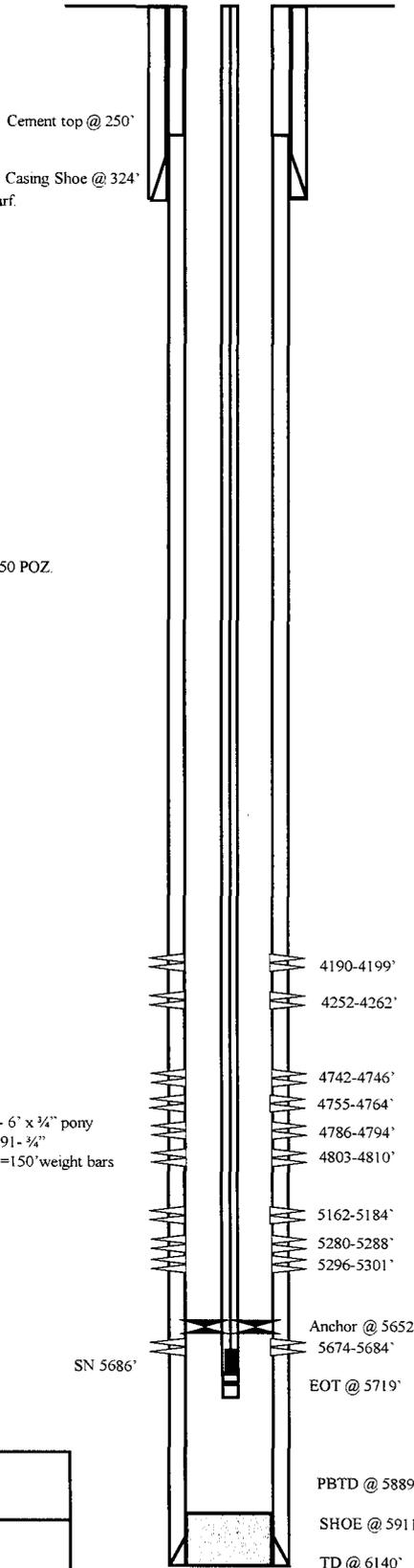
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 183 jts (5639.6')
TUBING ANCHOR: 5651.6' KB
NO. OF JOINTS: 1 jts (31.5')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5686.0' KB
NO. OF JOINTS: 1 jts (31.6')
TOTAL STRING LENGTH: EOT @ 5719' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' polished rod
SUCKER RODS: 1-2' x 3/4" pony rod, 1-4' x 3/4" pony rods, 1-6' x 3/4" pony rod, 1-8' x 3/4" pony rod, 100-3/4" = 2500' guided rods (4 per), 91-3/4" = 2275' sucker rods, 30-3/4" = 750' guided rods (4 per), 6-1 1/2" = 150' weight bars
PUMP SIZE: 2-1/2" x 1-1/4" x 17' x 20' RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5

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



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.

PERFORATION RECORD

Date	Interval	ISPF	Holes
04-24-07	5674-5684'	4 JSPF	40 holes
04-30-07	5296-5301'	4 JSPF	20 holes
04-30-07	5280-5288'	4 JSPF	32 holes
04-30-07	5162-5184'	4 JSPF	88 holes
04-30-07	4803-4810'	4 JSPF	28 holes
04-30-07	4786-4794'	4 JSPF	32 holes
04-30-07	4755-4764'	4 JSPF	36 holes
04-30-07	4742-4746'	4 JSPF	16 holes
04-30-07	4252-4262'	4 JSPF	40 holes
04-30-07	4190-4199'	4 JSPF	36 holes

Spud Date: 3/17/96
 Put on Production: 4/19/96
 Put on Injection: 3/10/02
 GL: 5811' KB: 5828'

Monument Federal #41-8-9-16

Initial Production: 100 BOPD, 0 MCFD
 15 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6 JTS
 DEPTH LANDED: 260'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx Class "G" cmt w/2% CaCl & 1/4#/sx cello flakes

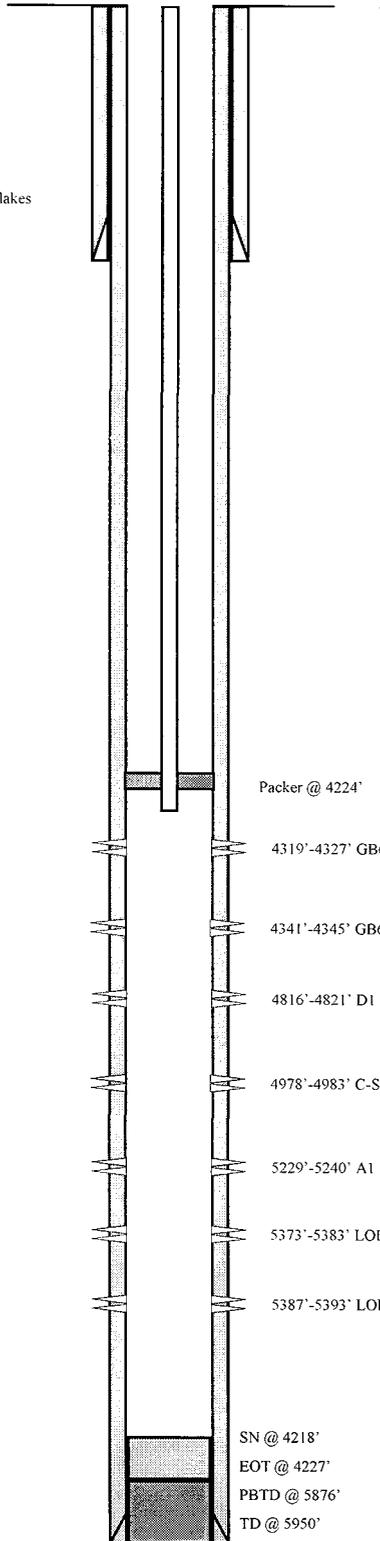
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 134 jts (5856.58')
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sx Super "G" & 350 sx Poz 50/50
 SET AT: 5919.18' KB

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
 NO. OF JOINTS: 131 jts. (4201.84')
 SEATING NIPPLE: 2-7/8"
 SN LANDED AT: 4218.84'
 PACKER: 4224.14'
 TOTAL STRING LENGTH: EOT @ 4227.25'

Injection Wellbore
 Diagram



FRAC JOB

4-1-96 5229'-5240' **Frac sand as follows:**
 19,698 gals 2% KCL wtr, 26,280# 20/40 sand and 42,600# 16/30 sand. ATP: 2050 psi, ATR: 30.8 bpm, ISIP: 4400 psi, 5 min: 1690 psi, 10 min: 1410 psi, 15 min: 1320 psi. Used 469 bbls wtr. Screen out w/61.655# sand on formation.

4-4-96 4816'-4983' **Frac sand as follows:**
 18,942 gals 2% KCL gelled wtr and 60,100# 16/30 sd. ATP = 3700 psi, ATR = 34 bpm, ISIP = 5100 psi, 5 min: 1650 psi, 10 min: 1460 psi, 15 min: 1400 psi. Used 451 bbls wtr. Screen out w/51,207# sand on formation. Flow back 1 bpm. 1-1/2 hrs = 90 bbls flow back.

3/08/02 **Convert to injector. Update tubing details.**

2/21/07 **5 Year MIT completed and submitted.**

PERFORATION RECORD

Date	Interval	Type	Holes
3/27/96	5229'-5240'	4 JSPF	44 holes
4/03/96	4978'-4983'		7 holes
4/03/96	4816'-4821'		7 holes
3/04/02	5387'-5393'	4 JSPF	24 holes
3/04/02	5373'-5383'	4 JSPF	40 holes
3/04/02	4341'-4345'	4 JSPF	16 holes
3/04/02	4319'-4327'	4 JSPF	32 holes



Monument Federal #41-8-9-16
 806 FNL & 605 FEL
 NENE Section 8-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31619; Lease #U-020255

West Point 6-8-9-16

Spud Date: 11/10/2001
 Put on Production: 12/18/2001
 GL: 5886' KB: 5896'

Initial Production: 160 BOPD,
 253 MCFD, 45 BWPD

Injection Wellbore
 Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (303.45')
 DEPTH LANDED: 311.45'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs Class "C" cmt, est 1 bbl cmt to surf.

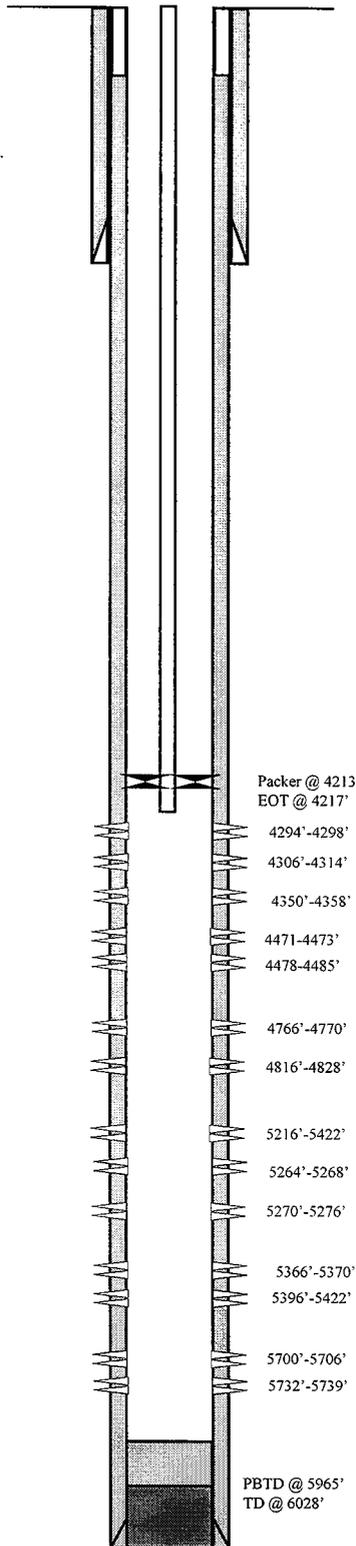
Cement Top @ 95'
 Casing shoe @ 311'

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts. (5999.71')
 DEPTH LANDED: 5997.21'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 275 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 95' per CBL.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 129 jts (4199')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4209' KB
 CE @ 4213.37'
 TOTAL STRING LENGTH: EOT @ 4217'



FRAC JOB

12/6/01 5700'-5739' **Frac CP sand as follows:**
 50,505# 20/40 sand in 433 bbls Viking I-25 fluid. Treated @ avg press of 1950 psi w/avg rate of 25.7 BPM. ISIP 2150 psi. Calc. flush 5700 gal: Act. flush 5628 gal.

12/7/01 5216'-5422' **Frac LODC/A sand as follows:**
 163,131# 20/40 sand in 1100 bbls Viking I-25 fluid. Treated @ avg press of 2210 psi w/avg rate of 26 BPM. ISIP 2275 psi. Calc. flush 5216 gal: Act. flush 5145 gal. Flowed 9.5 hr. then died.

12/10/01 4766'-4828' **Frac D sand as follows:**
 64,699# 20/40 sand in 521 bbls Viking I-25 fluid. Treated @ avg press of 1775 psi w/avg rate of 25.6 BPM. ISIP 1900 psi. Calc. flush 4766 gal: Act. flush 4897 gal. Flowed 5.5 hr. then died.

12/11/01 4294'-4358' **Frac GB sand as follows:**
 83,741# 20/40 sand in 539 bbls Viking I-25 fluid. Treated @ avg press of 1850 psi w/avg rate of 25.6 BPM. ISIP 221 psi. Calc. flush 4294 gal: Act. flush 4200 gal. Flowed 8 hr. then died.

02/17/11 4471'-4485' **Frac PB8 sand as follows:** 42601# 20/40 sand in 378 bbls Lighting 17 fluid.

02/23/11 **Recompletion finalized** - updated tbg and rod details

05/04/11 **Conversion to Injection Well**

05/19/11 **Conversion MIT Finalized** - tbg detail updated

PERFORATION RECORD

Date	Depth Range	Tool Joint	Holes
12/06/01	5732'-5739'	4 JSPF	28 holes
12/06/01	5700'-5706'	4 JSPF	24 holes
12/07/01	5396'-5422'	4 JSPF	104 holes
12/07/01	5366'-5370'	4 JSPF	16 holes
12/07/01	5270'-5276'	4 JSPF	24 holes
12/07/01	5264'-5268'	4 JSPF	16 holes
12/07/01	5216'-5222'	4 JSPF	24 holes
12/10/01	4816'-4828'	4 JSPF	48 holes
12/10/01	4766'-4770'	4 JSPF	16 holes
12/11/01	4350'-4358'	4 JSPF	32 holes
12/11/01	4306'-4314'	4 JSPF	32 holes
12/11/01	4294'-4298'	4 JSPF	16 holes
02/17/11	4478'-4485'	3 JSPF	21 holes
02/17/11	4471'-4473'	3 JSPF	6 holes



West Point 6-8-9-16
 2048' FNL & 2104' FWL
 SENW Section 8-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32282; Lease #UTU-74390

West Point #11-8-9-16

Spud Date: 11/20/2001
 Put on Production: 1/10/2002
 GL: 5922' KB: 5932'

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (298.45')
 DEPTH LANDED: 306.45'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs Class "G" cmt, est 4 bbl cmt to surface.

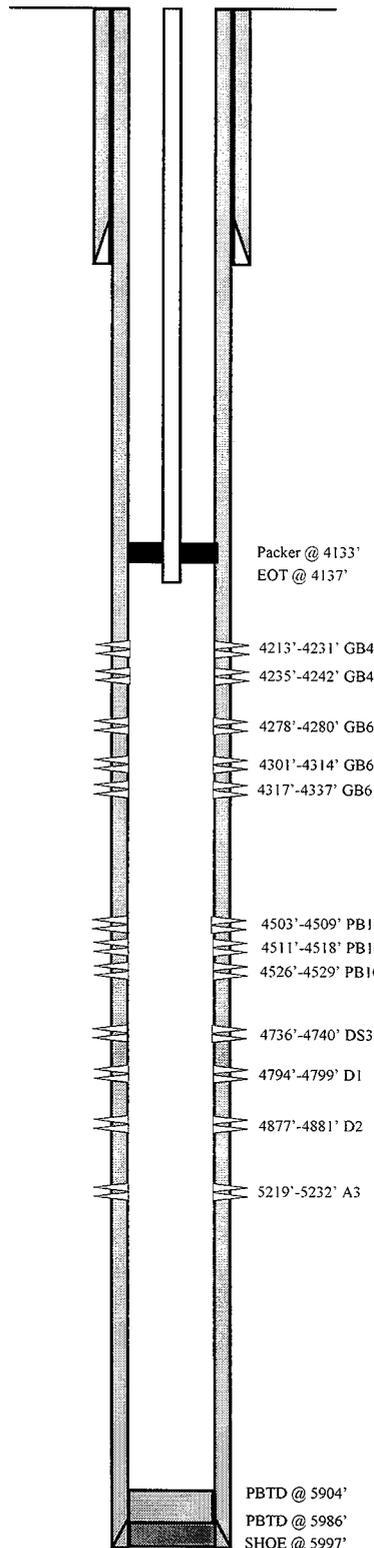
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 144 jts. (6006.41')
 DEPTH LANDED: 5996.97'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 275 sk Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: Surface

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 128 jts (4118.67')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4128.67' KB
 PACKER: 4132.98'
 TOTAL STRING LENGTH: EOT @ 4137.08'

Injection Wellbore Diagram



FRAC JOB

1/3/02	5219-5232'	Frac A-3 sand as follows: 38,000# 20/40 sand in 347 bbls Viking 1-25 fluid. Treated @ avg press of 2200 psi w/avg rate of 28.5 BPM. ISIP 2180 psi. Calc. flush: 5219 gal., Act. flush: 5166 gal.
1/3/02	4736'-4881'	Frac D-1, D-2 sand as follows: 41,610# 20/40 sand in 385 bbls Viking 1-25 fluid. Treated @ avg press of 1950 psi w/avg rate of 28.5 BPM. ISIP 2020 psi. Calc. flush: 4794 gal., Act. flush: 4662 gal.
1/3/02	4213'-4337'	Frac GB sand as follows: 193,610# 20/40 sand in 1267 bbls Viking 1-25 fluid. Treated @ avg press of 1950 psi w/avg rate of 28.5 BPM. ISIP 2050 psi. Calc. flush: 4213 gal., Act. flush: 4116 gal.
4/25/03		Stuck Pump. Update rod details.
4/21/04		Converted to injector. Ready for MIT.
4/1/09		5 Year MIT completed and submitted.

PERFORATION RECORD

Date	Interval	Tool	Holes
1/2/02	5219'-5232'	4 JSPF	32 holes
1/3/02	4877'-4881'	4 JSPF	16 holes
1/3/02	4794'-4799'	4 JSPF	20 holes
1/3/02	4736'-4740'	4 JSPF	16 holes
1/3/02	4526'-4529'	4 JSPF	12 holes
1/3/02	4511'-4518'	4 JSPF	28 holes
1/3/02	4503'-4509'	4 JSPF	24 holes
1/3/02	4317'-4337'	4 JSPF	80 holes
1/3/02	4301'-4314'	4 JSPF	52 holes
1/3/02	4278'-4280'	4 JSPF	08 holes
1/3/02	4235'-4242'	4 JSPF	28 holes
1/3/02	4213'-4231'	4 JSPF	72 holes
4/20/04	5802'-5816'	4 JSPF	56 holes
4/20/04	5660'-5664'	4 JSPF	16 holes



West Point #11-8-9-16
 1919' FSL & 1797' FWL
 NE/SW Section 8-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32285; Lease #UTU-74390

Federal 16-8-9-16

Spud Date: 02/06/07
 Put on Production: 03/21/07
 K.B.: 5876, G.L.: 5864

Initial Production: BOPD,
 MCFD, BWPD

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 bbbs 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

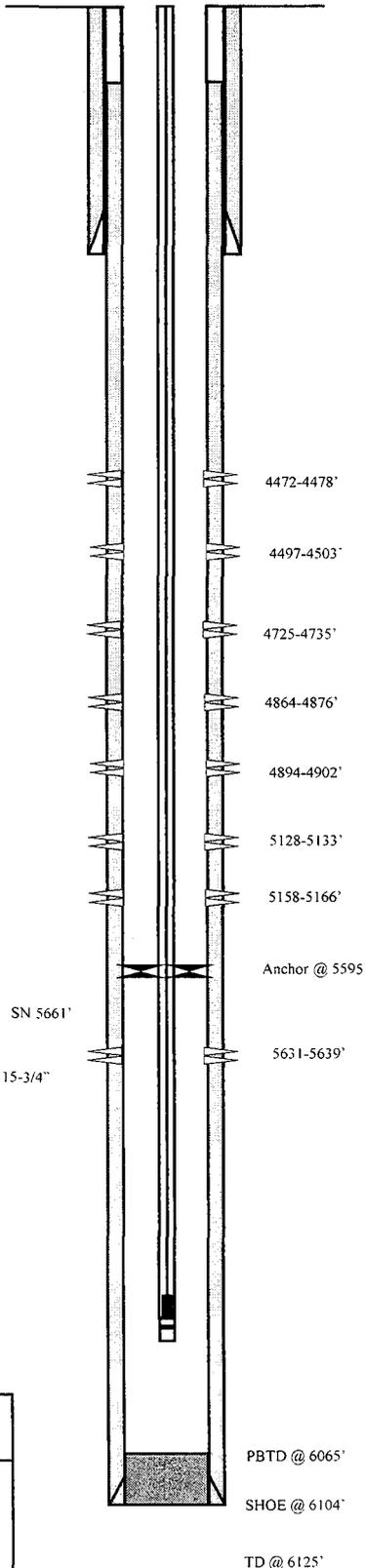
TUBING

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



FRAC JOB

03/13/07	5627-5732'	Frac CP2, sands as follows: 26883# 20/40 sand in 357 bbbs 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 347bbbs Lightning 17 frac fluid. Treated @ avg press of 2094psi 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 bbbs 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 bbbs 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 bbbs 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

Date	Interval	Tool	Holes
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

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
 Well Name: **SWDIF**
 Sample Point: **After production filter**
 Sample Date: **12/9/2011**
 Sample ID: **WA-204150**

Sales Rep: **Darren Betts**
 Lab Tech: **Gary Peterson**

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

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations		Anions	
		mg/L		mg/L	
Test Date:	12/9/2011	Sodium (Na):	6799.09	Chloride (Cl):	10000.00
System Temperature 1 (°F):	300.00	Potassium (K):	26.10	Sulfate (SO4):	2.00
System Pressure 1 (psig):	3000.00	Magnesium (Mg):	9.40	Bicarbonate (HCO3):	1024.80
System Temperature 2 (°F):	70.00	Calcium (Ca):	26.80	Carbonate (CO3):	0.00
System Pressure 2 (psig):	14.70	Strontium (Sr):	0.00	Acetic Acid (CH3COO):	0.00
Calculated Density (g/ml):	1.01	Barium (Ba):	24.20	Propionic Acid (C2H5COO):	0.00
pH:	8.20	Iron (Fe):	0.47	Butanoic Acid (C3H7COO):	0.00
Calculated TDS (mg/L):	17913.62	Zinc (Zn):	0.00	Isobutyric Acid ((CH3)2CHCOO):	0.00
CO2 in Gas (%):	0.00	Lead (Pb):	0.70	Fluoride (F):	0.00
Dissolved CO2 (mg/L):	0.00	Ammonia NH3:	0.00	Bromine (Br):	0.00
H2S in Gas (%):	0.00	Manganese (Mn):	0.06	Silica (SiO2):	0.00
H2S in Water (mg/L):	10.00				

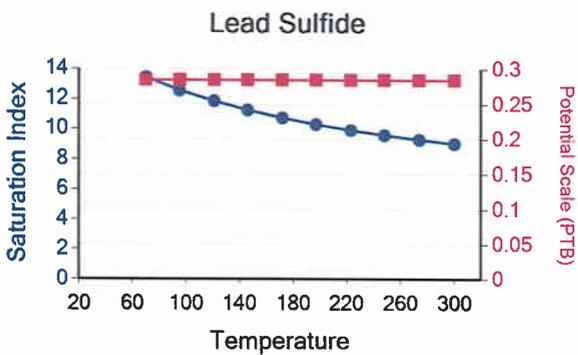
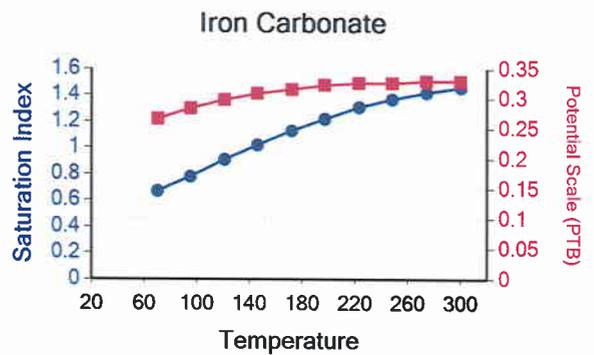
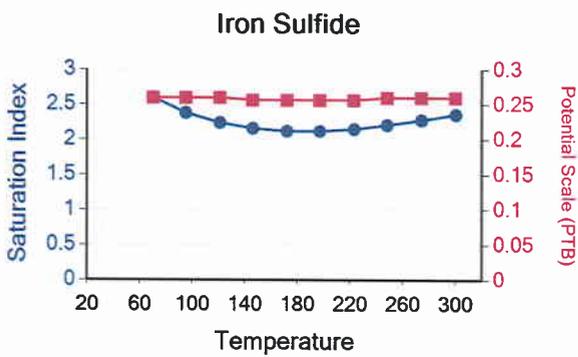
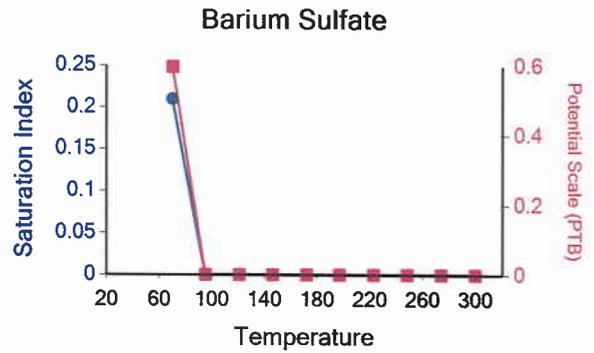
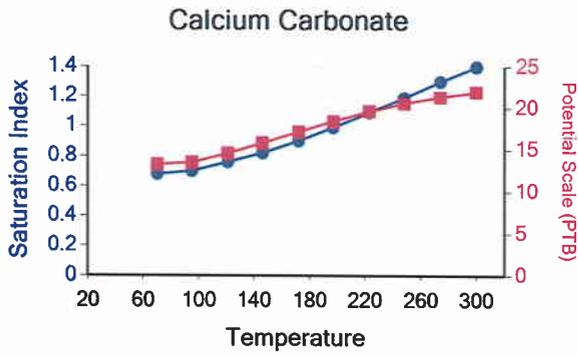
Notes:

(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
70	14	0.68	13.26	0.21	0.60	2.60	0.26	0.67	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.70	13.48	0.00	0.00	2.38	0.26	0.78	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.76	14.55	0.00	0.00	2.24	0.26	0.91	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.82	15.79	0.00	0.00	2.16	0.26	1.02	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.90	17.10	0.00	0.00	2.12	0.26	1.13	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.99	18.39	0.00	0.00	2.12	0.26	1.22	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	1.09	19.55	0.00	0.00	2.15	0.26	1.31	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	1.19	20.54	0.00	0.00	2.21	0.26	1.37	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	1.30	21.32	0.00	0.00	2.28	0.26	1.42	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	1.40	21.90	0.00	0.00	2.36	0.26	1.46	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Temp (°F)	PSI	Hemihydrate CaSO4~0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.45	0.28	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.59	0.28	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.89	0.28	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.28	0.28	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.76	0.28	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.32	0.28	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.93	0.28	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.60	0.28	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.30	0.28	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.03	0.28	0.00	0.00	0.00	0.00	0.00	0.00

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



Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
 Well Name: **FEDERAL 9-8-9-16**
 Sample Point: **Treater**
 Sample Date: **5/20/2012**
 Sample ID: **WA-214852**

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

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

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations		Anions	
		mg/L		mg/L	
Test Date:	5/29/2012	Sodium (Na):	3703.82	Chloride (Cl):	5200.00
System Temperature 1 (°F):	120.00	Potassium (K):	28.00	Sulfate (SO ₄):	34.00
System Pressure 1 (psig):	60.0000	Magnesium (Mg):	5.20	Bicarbonate (HCO ₃):	976.00
System Temperature 2 (°F):	185.00	Calcium (Ca):	19.50	Carbonate (CO ₃):	0.00
System Pressure 2 (psig):	60.0000	Strontium (Sr):	0.00	Acetic Acid (CH ₃ COO)	0.00
Calculated Density (g/ml):	1.004	Barium (Ba):	7.50	Propionic Acid (C ₂ H ₅ COO)	0.00
pH:	8.10	Iron (Fe):	1.06	Butanoic Acid (C ₃ H ₇ COO)	0.00
Calculated TDS (mg/L):	9975.28	Zinc (Zn):	0.03	Isobutyric Acid ((CH ₃) ₂ CHCOO)	0.00
CO ₂ in Gas (%):	0.00	Lead (Pb):	0.08	Fluoride (F):	
Dissolved CO ₂ (mg/L):	0.00	Ammonia NH ₃ :		Bromine (Br):	
H ₂ S in Gas (%):	0.00	Manganese (Mn):	0.10	Silica (SiO ₂):	
H ₂ S in Water (mg/L):	0.00				

Notes:

(PTB = Pounds per Thousand Barrels)

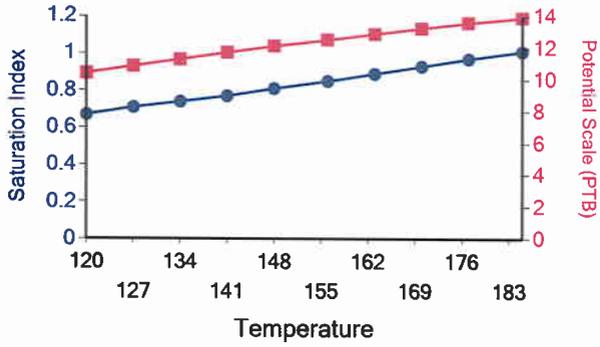
Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ ·2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
185.00	60.00	1.01	13.91	0.52	2.97	0.00	0.00	1.78	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.00	60.00	0.97	13.59	0.54	3.02	0.00	0.00	1.73	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	0.93	13.24	0.56	3.08	0.00	0.00	1.69	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163.00	60.00	0.89	12.87	0.58	3.15	0.00	0.00	1.64	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156.00	60.00	0.85	12.49	0.60	3.22	0.00	0.00	1.59	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148.00	60.00	0.81	12.09	0.63	3.29	0.00	0.00	1.54	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141.00	60.00	0.77	11.68	0.66	3.37	0.00	0.00	1.50	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134.00	60.00	0.74	11.27	0.70	3.45	0.00	0.00	1.45	0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.00	60.00	0.71	10.84	0.73	3.53	0.00	0.00	1.40	0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	0.67	10.42	0.77	3.61	0.00	0.00	1.35	0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Temp (°F)	PSI	Hemihydrate CaSO ₄ ·0.5H ₂ O		Anhydrate CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
185.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	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	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163.00	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
156.00	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
148.00	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
141.00	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
134.00	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
127.00	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

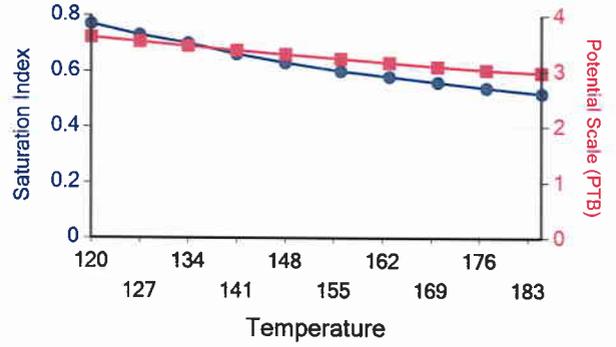
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Carbonate Zinc Carbonate

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

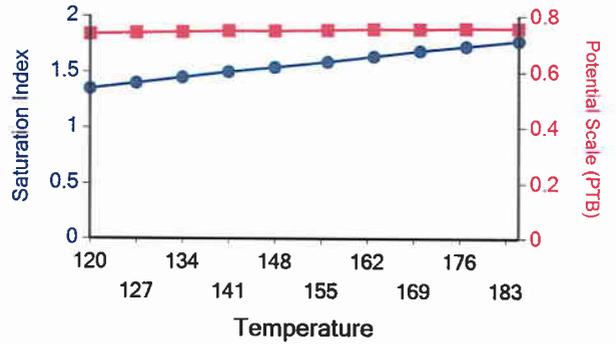
Calcium Carbonate



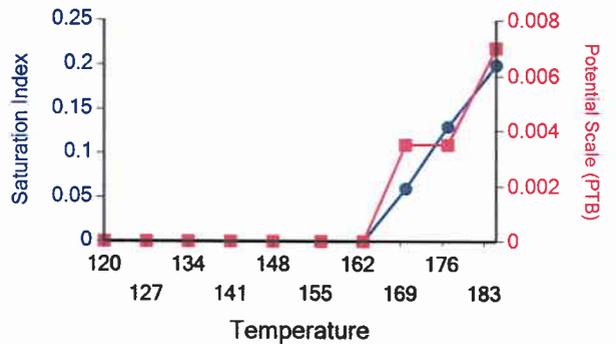
Barium Sulfate



Iron Carbonate



Zinc Carbonate



Attachment "G"

**Federal #9-8-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5222	5274	5248	2198	0.85	2164
5050	5057	5054	1903	0.81	1870 ←
4949	4957	4953	3687	1.18	3655
4814	4879	4847	2118	0.87	2087
4296	4309	4303	1958	0.89	1930
				Minimum	<u><u>1870</u></u>

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

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

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



1 of 8

DAILY COMPLETION REPORT

WELL NAME: Federal 9-8-9-16 Report Date: 4-14-07 Day: 01
Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 323' Prod Csg: 5-1/2" @ 6157' Csg PBTD: 6074"WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Includes entries for A1 sds and A3 sds with corresponding perforation ranges and shot counts.

CHRONOLOGICAL OPERATIONS

Date Work Performed: 13-Apr-07 SITP: SICP: 0

Instal 5K frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6074' & cement top @ 96'. Perforate stage #1, A3 sds @ 5264-74', A1 sds @ 5242-48', 5222-28' w/ 3-1/8" Slick Guns (19 gram, .49"HE 120) w/ 4 spf for total of 88 shots. 145 bbls EWTR. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 145 Starting oil rec to date:
Fluid lost/recovered today: 0 Oil lost/recovered today:
Ending fluid to be recovered: 145 Cum oil recovered:
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

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

COSTS

- Weatherford BOP
NPC NU crew
NDSI trucking
Perforators LLC
Drilling cost
D&M Hot Oil
Location preparation
NPC wellhead
Benco - anchors
Admin. Overhead
NPC Supervisor

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

Completion Supervisor: Ron Shuck

DAILY COST: \$0
TOTAL WELL COST:



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DAILY COMPLETION REPORT

WELL NAME: Federal 9-8-9-16 **Report Date:** 4-20-07 **Day:** 2a
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 323' **Prod Csg:** 5-1/2" @ 6157' **Csg PBTD:** 6074"WL
Tbg: Size: _____ Wt: _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** _____

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			A1 sds	5242-5248'	4/24
			A3 sds	5264-5274'	4/40
A1 sds	5222-5228'	4/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 19-Apr-07 **SITP:** _____ **SICP:** 0

Day2a.

RU BJ Services "Ram Head" frac flange. RU BJ & frac A sds, stage #1 down casing w/ 100,620#'s of 20/40 sand in 712 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 1767 psi. Treated @ ave pressure of 1866 w/ ave rate of 25.2 w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in plush for next stage. ISIP was 2198. 857 bbls EWTR. Leave pressure on well. **See day2b.**

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 145 **Starting oil rec to date:** _____
Fluid lost/recovered today: 712 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 857 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac

Company: BJ Services

Procedure or Equipment detail: A1 & A3 sds down casing

- _____ 7518 gals of pad
- _____ 5000 gals w/ 1-5 ppg of 20/40 sand
- _____ 10000 gals w/ 5-8 ppg of 20/40 sand
- _____ 2136 gals w/ 8 ppg of 20/40 sand
- _____ 504 gals of 15% HCL acid
- _____ Flush w/ 4746 gals of slick water

****Flush called @ blender to include 2 bbls pump/line volume****

Max TP: 2152 **Max Rate:** 25.5 **Total fluid pmpd:** 712 bbls

Avg TP: 1866 **Avg Rate:** 25.2 **Total Prop pmpd:** 100,620#'s

ISIP: 2198 **5 min:** _____ **10 min:** _____ **FG:** .85

Completion Supervisor: Ron Shuck

COSTS

- _____ Weatherford Services
- _____ C-D trkg frac water
- _____ NPC fuel gas
- _____ BJ Services A sds
- _____ NPC Supervisor

DAILY COST: _____ \$0

TOTAL WELL COST: _____ \$0



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DAILY COMPLETION REPORT

WELL NAME: Federal 9-8-9-16 **Report Date:** 4-20-07 **Day:** 2b
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 323' **Prod Csg:** 5-1/2" @ 6157' **Csg PBTD:** 6074"WL
Tbg: Size: _____ Wt: _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** 5160'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			A1 sds	5242-5248'	4/24
			A3 sds	5264-5274'	4/40
B1 sds	5050-5057'	4/28			
A1 sds	5222-5228'	4/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 19-Apr-07 **SITP:** _____ **SICP:** 0

Day2b.

RU Lone Wolf WLT, crane & lubricator. RIH W Weatherford 5-1/2" composite (solid 6K) frac plug & 7' perf gun. Se plug @ 5160' Perforate B1 sds @ 5050-57' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 spf for total of 28 shots RU BJ & perfs won't break down. RIH & spot 12 bbls of 15% HCL acid on perfs. RU BJ & frac stage #2 w/ 24,901#'s of 20/40 sand in 341 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 3420 psi Treated @ ave pressure of 1844 w/ ave rate of 25.6 w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in plush for next stage. ISIP was 1903. 1198 bbls EWTR. Leave pressure on well. **See day2c.**

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 857 **Starting oil rec to date:** _____
Fluid lost/recovered today: 341 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1198 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services
Procedure or Equipment detail: B1 sds down casing
1008 gals to cross link
2520 gals of pad
1915 gals w/ 1-4 ppg of 20/40 sand
3797 gals w/ 4-6.5 ppg of 20/40 sand
504 gals of 15% HCL acid
Flush w/ 4578 gals of slick water

COSTS

Weatherford Services
C-D trkg frac water
NPC fuel gas
BJ Services B1 sds
Lone Wolf B1 sds

****Flush called @ blender to include 2 bbls pump/line volume****

Max TP: 2210 **Max Rate:** 25.6 **Total fluid pmpd:** 341 bbls
Avg TP: 1844 **Avg Rate:** 25.6 **Total Prop pmpd:** 24,901#'s
ISIP: 1903 **5 min:** _____ **10 min:** _____ **FG:** .81

Completion Supervisor: Ron Shuck

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



4 of 8

DAILY COMPLETION REPORT

WELL NAME: Federal 9-8-9-16 Report Date: 4-20-07 Day: 2c
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 323' Prod Csg: 5-1/2" @ 6157' Csg PBTD: 6074"WL
 Tbg: Size: _____ Wt: _____ Grd: _____ Pkr/EOT @: _____ BP/Sand PBTD: 5000'
 Plug 5160'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			A1 sds	<u>5242-5248'</u>	<u>4/24</u>
			A3 sds	<u>5264-5274'</u>	<u>4/40</u>
C sds	<u>4949-4957'</u>	<u>4/32</u>			
B1 sds	<u>5050-5057'</u>	<u>4/28</u>			
A1 sds	<u>5222-5228'</u>	<u>4/24</u>			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 19-Apr-07 SITP: _____ SICP: 0

Day2c.

RU WLT. RIH w/ (solid 6K) frac plug & 8' perf gun. Set plug @ 5000' Perforate C sds @ 4949-57' w/ 4 spf for total of 32 shots. RU BJ & perfs won't break down. RIH & spot 12 bbls of 15% HCL acid on perfs. RU BJ & frac stage 3# w/ 15,025#'s of 20/40 sand in 268 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2444 psi. Treated @ ave pressure of 2058 w/ ave rate of 25.5 w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in plust for next stage. ISIP was 3687. 1466 bbls EWTR. Leave pressure on well. See day2d.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1198 Starting oil rec to date: _____
 Fluid lost/recovered today: 268 Oil lost/recovered today: _____
 Ending fluid to be recovered: 1466 Cum oil recovered: _____
 IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac Weatherford Services _____
 Company: BJ Services C-D trkg frac water _____
 Procedure or Equipment detail: C sds down casing NPC fuel gas _____
 1176 gals to cross link BJ Services C sds _____
 1512 gals of pad Lone Wolf C sds _____
 1149 gals w/ 1-4 ppg of 20/40 sand _____
 2421 gals w/ 4-6.5 ppg of 20/40 sand _____
 504 gals of 15% HCL acid _____
 Flush w/ 4494 gals of slick water _____

Flush called @ blender to include 2 bbls pump/line volume

Max TP: 2687 Max Rate: 25.6 Total fluid pmpd: 268 bbls
 Avg TP: 2058 Avg Rate: 25.6 Total Prop pmpd: 15,025#'s
 ISIP: 3687 5 min: _____ 10 min: _____ FG: 1.18
 Completion Supervisor: Ron Shuck

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

NEWFIELD



ATTACHMENT G-1

5 of 8

DAILY COMPLETION REPORT

WELL NAME: Federal 9-8-9-16 **Report Date:** 4-20-07 **Day:** 2d
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 323' **Prod Csg:** 5-1/2" @ 6157' **Csg PBTD:** 6074"WL
Tbg: Size: _____ Wt: _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** 4410'
Plug 5160' 5000' 4910'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<u>GB4 sds</u>	<u>4296-4309'</u>	<u>4/52</u>	<u>A1 sds</u>	<u>5242-5248'</u>	<u>4/24</u>
<u>D1 sds</u>	<u>4814-4824'</u>	<u>4/40</u>	<u>A3 sds</u>	<u>5264-5274'</u>	<u>4/40</u>
<u>D2 sds</u>	<u>4866-4879'</u>	<u>4/52</u>	_____	_____	_____
<u>C sds</u>	<u>4949-4957'</u>	<u>4/32</u>	_____	_____	_____
<u>B1 sds</u>	<u>5050-5057'</u>	<u>4/28</u>	_____	_____	_____
<u>A1 sds</u>	<u>5222-5228'</u>	<u>4/24</u>	_____	_____	_____

CHRONOLOGICAL OPERATIONS

Date Work Performed: 19-Apr-07 **SITP:** _____ **SICP:** 0

Day2d.

RU WLT. RIH w/ (solid 6K) frac plug & 13' perf gun. Set plug @ 4910' Perforate D2 sds @ 4866-79', D1 sds @ 4814-24' w/ 4 spf for total of 92 shots. RU BJ & frac stage 4# w/ 140,271#'s of 20/40 sand in 940 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 3037 psi. Treated @ ave pressure of 1825 w/ ave rate of 25.5 w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in push for next stage. ISIP was 2118. 2406 bbls EWTR Leave pressure on well. RU WLT. RIH w/ flow through frac plug & 13' perf gun. Set plug @ 4410'. Perforate GB4 sds @ 4296-4309' w/ 4 spf for total of 52 shots. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1466 **Starting oil rec to date:** _____
Fluid lost/recovered today: 940 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 2406 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac

Company: BJ Services

Procedure or Equipment detail: D sds down casing

- _____ 10710 gals of pad
- _____ 7000 gals w/ 1-5 ppg of 20/40 sand
- _____ 14000 gals w/ 5-8 ppg of 20/40 sand
- _____ 2940gals w/ 8 ppg of 2/40 sand
- _____ 504 gals of 15% HCL acid
- _____ Flush w/ 4326 gals of slick water

****Flush called @ blender to include 2 bbls pump/line volume****

Max TP: 2057 **Max Rate:** 25.5 **Total fluid pmpd:** 940 bbls

Avg TP: 1825 **Avg Rate:** 25.5 **Total Prop pmpd:** 140,271#'s

ISIP: 2118 **5 min:** _____ **10 min:** _____ **FG:** .87

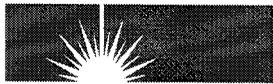
Completion Supervisor: Ron Shuck

COSTS

Weatherford Services _____
 C-D trkg frac water _____
 NPC fuel gas _____
 BJ Services D sds _____
 Lone Wolf D sds _____

DAILY COST: _____ \$0

TOTAL WELL COST: _____ \$0



6 of 8

DAILY COMPLETION REPORT

WELL NAME: Federal 9-8-9-16 **Report Date:** 4-21-07 **Day:** 3
Operation: Completion **Rig:** Western #3

WELL STATUS

Surf Csg: 8-5/8' @ 323' **Prod Csg:** 5-1/2" @ 6157' **Csg PBTD:** 6074"WL
Tbg: Size: 2-7/8" Wt: 6.5# **Grd:** J-55 **Pkr/EOT @:** 4428' **BP/Sand PBTD:** _____
Plug 5160' 5000' 4910'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<u>GB4 sds</u>	<u>4296-4309'</u>	<u>4/52</u>	<u>A1 sds</u>	<u>5242-5248'</u>	<u>4/24</u>
<u>D1 sds</u>	<u>4814-4824'</u>	<u>4/40</u>	<u>A3 sds</u>	<u>5264-5274'</u>	<u>4/40</u>
<u>D2 sds</u>	<u>4866-4879'</u>	<u>4/52</u>	_____	_____	_____
<u>C sds</u>	<u>4949-4957'</u>	<u>4/32</u>	_____	_____	_____
<u>B1 sds</u>	<u>5050-5057'</u>	<u>4/28</u>	_____	_____	_____
<u>A1 sds</u>	<u>5222-5228'</u>	<u>4/24</u>	_____	_____	_____

CHRONOLOGICAL OPERATIONS

Date Work Performed: 20-Apr-07 **SITP:** _____ **SICP:** 490

RU BJ & frac stage 5# w/ 75,560#'s of 20/40 sand in 560 bbls of Lightning 17 frac fluid. Open well w/ 490 psi or casing. Perfs broke down @ 3604 psi. Treated @ ave pressure of 1672 w/ ave rate of 25.4 w/ 8 ppg of sand. ISIF was 1958. 2966 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 3 hours & died w/ 210 bbls rec'd MIRUSU. RD Cameron BOP's & 5K frac head. Instal 3K production head & Schaefer BOP's. TIH w/ 4-3/4" chomp bit bit sub, new J-55, 6.5# tbg off racks w/ 143 jts tag plug @ 4410'. RU pump tank & swivel. Drlg up plug #1. Circulate well clean. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2966 **Starting oil rec to date:** _____
Fluid lost/recovered today: 210 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 2756 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services
Procedure or Equipment detail: GB4 sds down casing

- _____ 6006 gals of pad
- _____ 4000 gals w/ 1-5 ppg of 20/40 sand
- _____ 8000 gals w/ 5-8 ppg of 20/40 sand
- _____ 1314 gals w/ 8 ppg of 2/40 sand
- _____ Flush w/ 4200 gals of slick water

COSTS

- _____ Western #2
- _____ C-D trkg frac water
- _____ NPC fuel gas
- _____ BJ Services D sds
- _____ Lone Wolf D sds
- _____ Weatherford Services
- _____ C-D trkg water transfer
- _____ NPC trucking
- _____ B&L tbg new J-55
- _____ Boren welding/labor
- _____ NPC sfc equipment
- _____ Nabors swivel
- _____ NPC Supervisor

Max TP: 1958 **Max Rate:** 25.7 **Total fluid pmpd:** 560 bbls
Avg TP: 1672 **Avg Rate:** 25.4 **Total Prop pmpd:** 75,560#'s
ISIP: 1958 **5 min:** _____ **10 min:** _____ **FG:** .89
Completion Supervisor: Ron Shuck

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

NEWFIELD



ATTACHMENT G-1

7088

DAILY COMPLETION REPORT

WELL NAME: Federal 9-8-9-16

Report Date: April 22, 2007

Day: 4

Operation: Completion

Rig: Western #3

WELL STATUS

Surf Csg: 8-5/8' @ 323' Prod Csg: 5-1/2" @ 6157' Csg PBDT: 6112'
 Tbg: Size: 2-7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 6010' BP/Sand PBDT: 6112'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	<u>4296-4309'</u>	<u>4/52</u>	A1 sds	<u>5242-5248'</u>	<u>4/24</u>
D1 sds	<u>4814-4824'</u>	<u>4/40</u>	A3 sds	<u>5264-5274'</u>	<u>4/40</u>
D2 sds	<u>4866-4879'</u>	<u>4/52</u>			
C sds	<u>4949-4957'</u>	<u>4/32</u>			
B1 sds	<u>5050-5057'</u>	<u>4/28</u>			
A1 sds	<u>5222-5228'</u>	<u>4/24</u>			

CHRONOLOGICAL OPERATIONS

Date Work Performed: April 21, 2007

SITP: 25 SICP: 60

Bleed pressure off well. Rec est 15 BTF. Con't C/O sd & drill out composite bridge plugs as follows (using conventional circulation): sd @ 4872', plug @ 4910' in 20 minutes; sd @ 4943', plug @ 5000' in 24 minutes; sd @ 5086', plug @ 5160' in 12 minutes. Hang back swivel & con't PU tbg. Tag fill @ 5978'. PU swivel. Drill plug remains & sd to PBDT @ 6112'. Circ hole clean. Lost est 180 BW during cleanout. RD swivel. Pull EOT to 6010'. RU swat equipment. IFL @ sfc. Made 13 swb runs rec 143 BTF W/ light gas, tr oil & no sd. FFL @ 1600'. SIFN W/ est 2778 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2756 Starting oil rec to date: _____
 Fluid lost/recovered today: 22 Oil lost/recovered today: _____
 Ending fluid to be recovered: 2778 Cum oil recovered: _____
 IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

Base Fluid used: _____ Job Type: _____

Company: _____

Procedure or Equipment detail: _____

COSTS

Western #2	_____
Weatherford BOP	_____
Nabors swivel	_____
NPC trucking	_____
NDSI wtr & truck	_____
Weatherford "Chomp" bit	_____
NDSI wtr disposal	_____
Mt. West sanitation	_____
NPC location cleanup	_____
Monks pit reclaim	_____
CDI TA	_____
CDI SN	_____
NPC supervision	_____
DAILY COST:	_____ \$0
TOTAL WELL COST:	_____ \$0

Max TP: _____ Max Rate: _____ Total fluid pmpd: _____

Avg TP: _____ Avg Rate: _____ Total Prop pmpd: _____

ISIP: _____ 5 min: _____ 10 min: _____ FG: _____

Completion Supervisor: Gary Dietz

NEWFIELD



ATTACHMENT G-1
8 of 8

DAILY COMPLETION REPORT

WELL NAME: Federal 9-8-9-16 **Report Date:** April 24, 2007 **Day:** 5
Operation: Completion **Rig:** Western #3

WELL STATUS

Surf Csg: 8-5/8' @ 323' **Prod Csg:** 5-1/2" @ 6157' **Csg PBTD:** 6112'
Tbg: Size: 2-7/8" Wt: 6.5# **Grd:** J-55 **Anchor @:** 5205' **BP/Sand PBTD:** 6112'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4296-4309'	4/52	A1 sds	5242-5248'	4/24
D1 sds	4814-4824'	4/40	A3 sds	5264-5274'	4/40
D2 sds	4866-4879'	4/52			
C sds	4949-4957'	4/32			
B1 sds	5050-5057'	4/28			
A1 sds	5222-5228'	4/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: April 23, 2007 **SITP:** 50 **SICP:** 100

Bleed gas off well. TIH W/ tbg f/ 6010'. Tag PBTD @ 6112' (no new fill). Circ hole clean. Lost est 75 BW & rec tr oil. LD excess tbg. TOH W tbg--LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 2 jts tbg, new CDI 5 1/2" TA (45K) & 168 jts 2 7/8 8rd 6.5# J-55 tbg ND BOP. Set TA @ 5205' W/ SN @ 5269' & EOT @ 5333'. Land tbg W/ 16,000# tension. NU wellhead. RU & Flush tbg W/ 60 BW (returned 4t bbls). PU & TIH W/ pump and "A" & "B" grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 20' RHAC pump, 6-1 1/2" weight rods, 10-3/4" scraped rods, 94-3/4" plain rods (top 25 "A" grade), 98-3/4" scraped rods, 1-8', 1-6', 1-4' & 1-2' X 3/4" pony rods (A) and 1 1/2" X 26' polished rod (A). Seat pump & RU pumping unit. Fill tbg W/ 1 BW. Pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action RDMOSU. Est 2874 BWTR.

Place well on production @ 6:30 PM 4/23/2007 W/ 120" SL @ 5 SPM.
FINAL REPORT!!

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2778 **Starting oil rec to date:** _____
Fluid lost/recovered today: 96 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 2874 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

TUBING DETAIL	ROD DETAIL	COSTS
KB 12.00'	1 1/2" X 26' polished rod	Western #2
168 2 7/8 J-55 tbg (5193.30')	1-8', 1-6', 1-4', 1-2' X 3/4" ponies	Weatherford BOP
TA (2.80' @ 5205.30' KB)	98-3/4" scraped rods	Zubiate HO trk
2 2 7/8 J-55 tbg (60.72')	94-3/4" plain rods	CDI rod pump
SN (1.10' @ 5268.82' KB)	10-3/4" scraped rods	A & B grade rod string
2 2 7/8 J-55 tbg (63.08')	6-1 1/2" weight rods	NPC frac tks(8X6 dys)
2 7/8 NC (.45')	CDI 2 1/2" X 1 1/2" X 20'	NPC swb tk (3 days)
EOT 5333.45' W/ 12' KB	RHAC pump W/ SM plunger	NPC frac head
		NPC supervision

DAILY COST: _____ \$0

Completion Supervisor: Gary Dietz

TOTAL WELL COST: _____ \$0

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4246'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 203' balance plug using 25 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 42 sx Class "G" cement down 5 1/2" casing to 374'

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

Federal 9-8-9-16

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

Initial Production: BOPD,
 MCFD, BWPD

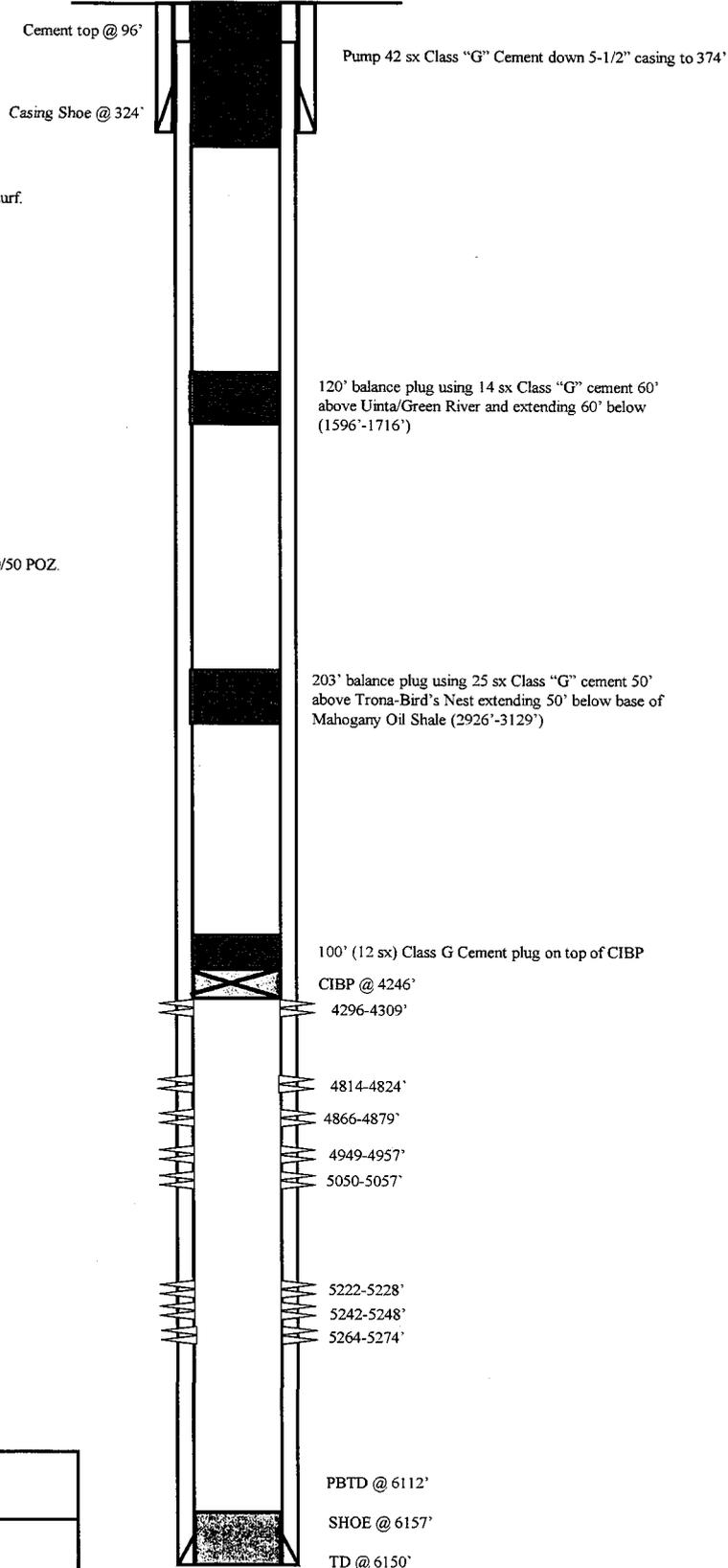
Proposed P & A
 Wellbore Diagram

SURFACE CASING

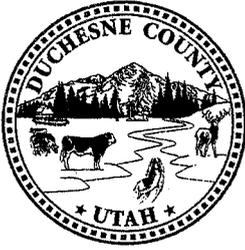
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (312.93')
 DEPTH LANDED: 323.83' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

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'




<p>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</p>



*Duchesne County Planning, Zoning
& Community Development
734 North Center Street
P.O. Box 317
Duchesne, Utah 84021
(435) 738-1152
Fax (435) 738-5522*

June 26, 2012

Mr. Brad Hill, Permitting Manager
Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

RECEIVED

JUN 27 2012

DIV. OF OIL, GAS & MINING

RE: Newfield Production Company Injection Wells (Causes No UIC-395 & 396)

Dear Mr. Hill:

We are in receipt of your notice regarding Newfield Production Company's request to convert 30 wells, located in Sections 5, 8, 9, 11, 12, 13, 16, 17, 18, 19, 21, 22, 23, 24, 27, 29 and 30, Township 9 South, Range 16 East, Duchesne County, to Class II injection wells.

Duchesne County is supportive of this request and recommends approval under conditions that your agency deems appropriate.

Thank you for the opportunity to comment.

Sincerely,

Mike Hyde, AICP
Community Development Administrator

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

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-395

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 5, 8, 9, 11, 13, 17, 19, 22, 23, 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:

- West Point U 12-5-9-16 well located in NW/4 SW/4, Section 5, Township 9 South, Range 16 East
API 43-013-31933
- Federal 7-8-9-16 well located in SW/4 NE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33056
- Federal 9-8-9-16 well located in NE/4 SE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33058
- West Point 12-8-9-16 well located in NW/4 SW/4, Section 8, Township 9 South, Range 16 East
API 43-013-32286
- Federal 15-8-9-16 well located in SW/4 SE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33060
- Federal 5-9-9-16 well located in SW/4 NW/4, Section 9, Township 9 South, Range 16 East
API 43-013-32916
- Federal 11A-9-9-16 well located in NE/4 SW/4, Section 9, Township 9 South, Range 16 East
API 43-013-33050
- Goates Fed 1 well located in SE/4 SW/4, Section 11, Township 9 South, Range 16 East
API 43-013-15789
- Federal 13-13-9-16 well located in SW/4 SW/4, Section 13, Township 9 South, Range 16 East
API 43-013-32650
- Federal 1-17-9-16 well located in NE/4 NE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33028
- Federal 15-17-9-16 well located in SW/4 SE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33037
- Federal 3-19-9-16 well located in NE/4 NW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33064
- Federal 5-22-9-16 well located in SW/4 NW/4, Section 22, Township 9 South, Range 16 East
API 43-013-33025
- Federal 16-22-9-16 well located in NE/4 SE/4, Section 22, Township 9 South, Range 16 East
API 43-013-33394
- Federal 5-23-9-16 well located in SW/4 NW/4, Section 23, Township 9 South, Range 16 East
API 43-013-32960
- Federal 9-23 well located in NE/4 SE/4, Section 23, Township 9 South, Range 16 East
API 43-013-30654
- Federal 1-30-9-16 well located in NE/4 NE/4, Section 30, Township 9 South, Range 16 East
API 43-013-33452

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

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

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

Dated this 20th day of June, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

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

Brad Hill
Permitting Manager

Newfield Production Company

**WEST POINT U 12-5-9-16, FEDERAL 7-8-9-16, FEDERAL 9-8-9-16, WEST POINT 12-8-9-16,
FEDERAL 15-8-9-16, FEDERAL 5-9-9-16, FEDERAL 11A-9-9-16, GOATES FED 1,
FEDERAL 13-13-9-16, FEDERAL 1-17-9-16, FEDERAL 15-17-9-16, FEDERAL 3-19-9-16,
FEDERAL 5-22-9-16, FEDERAL 16-22-9-16, FEDERAL 5-23-9-16,
FEDERAL 9-23, FEDERAL 1-30-9-16**

Cause No. UIC-395

Publication Notices were sent to the following:

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

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

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

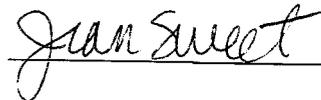
Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

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

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

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

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052





GARY R. HERBERT
Governor

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

June 21, 2012

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-395

To Whom It May Concern:

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

Please send proof of publication and billing to:

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

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-395

From: Cindy Kleinfelter <classifieds@ubstandard.com>
To: Jean Sweet <jsweet@utah.gov>
Date: 6/22/2012 8:05 AM
Subject: Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-395

On 6/21/2012 5:07 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 Div. of Oil, Gas & Mining
1594 West Temple, Suite 1210
Salt Lake City, UT
801-538-5329
jsweet@utah.gov

Received. Thank you. It will run June 26.
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

June 21, 2012

VIA E-MAIL naclegal@mediaoneutah.com

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

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-395

To Whom It May Concern:

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

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

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

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

From: "Fultz, Mark" <naclegal@mediaoneutah.com>
To: <jsweet@utah.gov>
Date: 6/22/2012 9:13 AM
Subject: Legal Notice - UIC 395
Attachments: OrderConf.pdf

AD# 802910
Run Trib/DNews - 6/26
Cost \$448.52
Thank you
Mark

Order Confirmation for Ad #0000802910-01

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

Total Amount	\$448.52			
Payment Amt	\$0.00			
Amount Due	\$448.52	<u>Tear Sheets</u>	<u>Proofs</u>	<u>Affidavits</u>
		0	0	1

Payment Method PO Number UIC 395

Confirmation Notes:

Text: Jean

Ad Type	Ad Size	Color
Legal Liner	3.0 X 88 Li	<NONE>

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	06/26/2012	

Product	Placement	Position
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	06/26/2012	

Product	Placement	Position
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	06/26/2012	

Product	Placement	Position
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	06/26/2012	

Order Confirmation for Ad #0000802910-01

Ad Content Proof Actual Size

Order Confirmation for Ad #0000802910-01

Ad Content Proof 135%

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-395

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 5, 8, 9, 11, 13, 17, 19, 22, 23, 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 injector wells:

Greater Monument Butte Unit:

West Point U 12-5-9-16 well located in NW/4 SW/4, Section 5, Township 9 South, Range 16 East
API 43-013-31933
Federal 7-8-9-16 well located in SW/4 NE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33056
Federal 9-8-9-16 well located in NE/4 SE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33058
West Point 12-8-9-16 well located in NW/4 SW/4, Section 8, Township 9 South, Range 16 East
API 43-013-32286
Federal 15-8-9-16 well located in SW/4 SE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33060
Federal 5-9-9-16 well located in SW/4 NW/4, Section 9, Township 9 South, Range 16 East
API 43-013-32916
Federal 11A-9-9-16 well located in NE/4 SW/4, Section 9, Township 9 South, Range 16 East
API 43-013-33050
Coates Fed 1 well located in SE/4 SW/4, Section 11, Township 9 South, Range 16 East
API 43-013-15789
Federal 13-13-9-16 well located in SW/4 SW/4, Section 13, Township 9 South, Range 16 East
API 43-013-32650
Federal 1-17-9-16 well located in NE/4 NE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33028
Federal 15-17-9-16 well located in SW/4 SE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33037
Federal 3-19-9-16 well located in NE/4 NW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33064
Federal 5-22-9-16 well located in SW/4 NW/4, Section 22, Township 9 South, Range 16 East
API 43-013-33025
Federal 16-22-9-16 well located in NE/4 SE/4, Section 22, Township 9 South, Range 16 East
API 43-013-33394
Federal 5-23-9-16 well located in SW/4 NW/4, Section 23, Township 9 South, Range 16 East
API 43-013-32960
Federal 9-23 well located in NE/4 SE/4, Section 23, Township 9 South, Range 16 East
API 43-013-30654
Federal 1-30-9-16 well located in NE/4 NE/4, Section 30, Township 9 South, Range 16 East
API 43-013-33452

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

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

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

Dated this 20th day of June, 2012.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager
802910

UPAXLP

06/22/2012 9:06:58AM



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

August 7, 2012

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

Subject: Greater Monument Butte Unit Well: Federal 9-8-9-16, Section 8, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33058

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 4,102 feet in the Federal 9-8-9-16 well.

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

Sincerely,

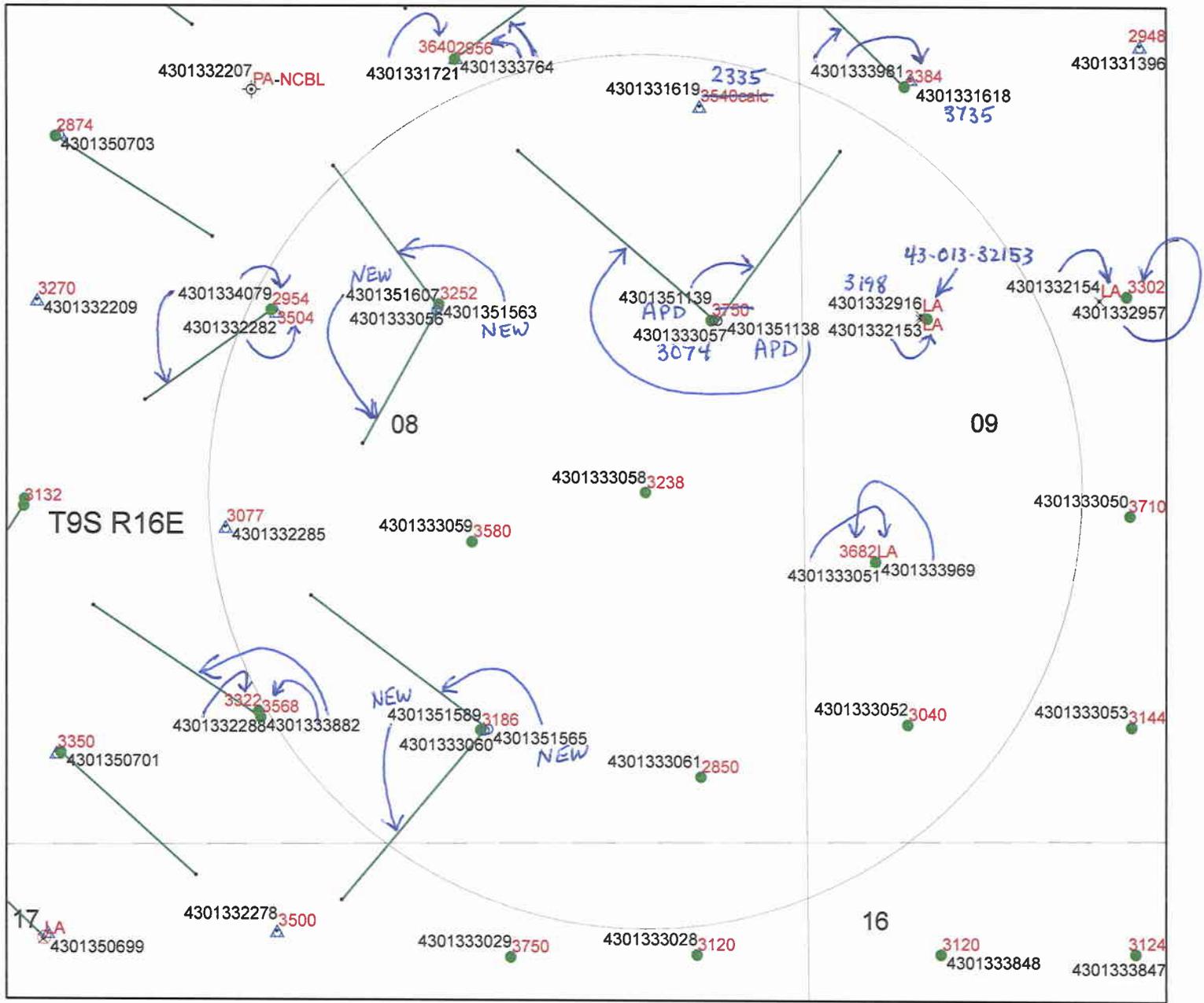
John Rogers
Associate Director

JR/MLR/js

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

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





Cement Bond Tops
 FEDERAL 9-8-9-16
 API #43-013-33058
 UIC 395.3

Legend

- | | |
|--|---|
| Buffer_of_SGID93_ENERGY_DNROilGasWells_131 | PGW |
| SGID93_ENERGY_DNROilGasWells | POW |
| SGID93.ENERGY.DNROilGasWells | RET |
| GIS_STAT_TYPE | SGW |
| APD | SOW |
| DRL | TA |
| GIW | TW |
| GSW | WDW |
| LA | VWV |
| LOC | WSW |
| OPS | SGID93 BOUNDARIES Counties |
| PA | • SGID93_ENERGY_DNROilGasWells_HDBottom |
| | — SGID93_ENERGY_DNROilGasWells_HDPath |
| | • Wells-CbltopsMaster07_06_12 |



1870calc = approx cement top calculated from well completion report

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

Applicant: Newfield Production Company **Well:** Federal 9-8-9-16

Location: 8/9S/16E **API:** 43-013-33058

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 324 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,157 feet. A cement bond log demonstrates adequate bond in this well up to about 3,238 feet. A 2 7/8 inch tubing with a packer will be set at 4,246 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 10 producing wells and 3 injection wells in the AOR. One of the producing wells is directionally drilled, with a surface location inside the AOR and a bottom hole location outside the AOR. In addition, there are 2 proposed directional wells with surface locations inside the AOR and 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 2000 feet. Injection shall be limited to the interval between 4,102 feet and 6,112 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 9-8-9-16 well is 0.81 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,870 psig. The requested maximum pressure is 1,870 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 9-8-9-16

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 8/3/2012

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FEDERAL 9-8-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013330580000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2136 FSL 0944 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 08 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: 9/14/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The subject well has been converted from a producing oil well to an injection well on 09/13/2012. New perforations GB4 sands 4155-4158' 3 JSPF. On 09/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 9/14/2012 the casing was pressured up to 1760 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 80 psig during the test. There was not a State representative available to witness the test.

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

Date: September 27, 2012

By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/21/2012	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

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

Witness: _____ Date 9/14/12 Time 11:00 am pm

Test Conducted by: KODY OLSON

Others Present: _____

Well: <u>FEDERAL 9-8-9-16</u>	Field: <u>MON. BUTTE</u>
Well Location: <u>NE/SE SEC. 8, T9S, R16E</u>	API No: <u>43-013-33058</u>
<u>Duchesne Cty, UT</u>	<u>UTV 87538X</u>

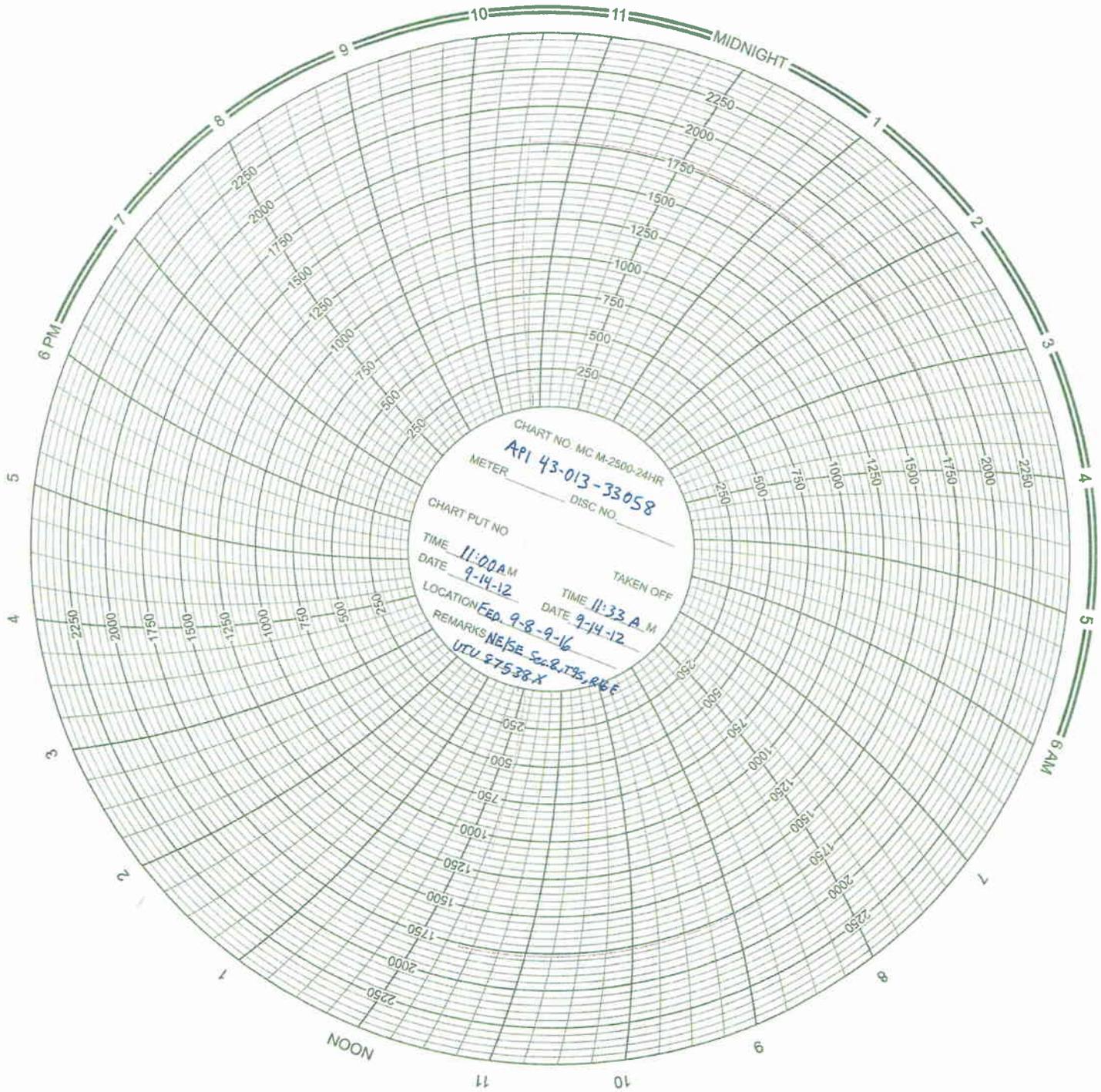
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1760</u>	psig
5	<u>1760</u>	psig
10	<u>1760</u>	psig
15	<u>1760</u>	psig
20	<u>1760</u>	psig
25	<u>1760</u>	psig
30 min	<u>1760</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 80 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: [Signature]



Daily Activity Report

Format For Sundry
FEDERAL 9-8-9-16
7/1/2012 To 11/30/2012

9/10/2012 Day: 1

Conversion

NC #1 on 9/10/2012 - R/U, H/O Csg, u/s pmp, Flush Tbg, S/P, Fill & tst tbg to 3500 psi, u/s pmp pooh L/D Rod prod strng & pmp.n/u bop, Rel t/a, pooh w/-133 Jts tbg Breaking & redoping toll jts w/-liq o ring, swi, c/dsfn. - 5:30AM-6:00AM C/Trvl, 6:00AM R/U NC#1. BMW H/Oiler pmp 60 BW D/Csg. R/D Unit, Try To U/S pmp, pmp Would Not U/S, H/Oiler pmp 140 BW D/Csg While Trying To U/S pmp, pmp Came Off Seat. Flush Tbg W/-30 BW, S/P Fill Tbg W/-7 BW, P/Tst Tbg To 3500 Psi, Good Tst. U/S pmp, POOH L/D 1 1/2X26' Polish Rod, 3/4X2'-4'-6'-8' Ponys, 98- 3/4 4 Per, 94- 3/4 Slick-11-3/4 4 Per, 6-1 1/2 Wt Bars & pmp. Flushed Tbg W/-20 BW On TOOH. N/D W/-HD, N/U BOP, R/U R/Fir, Rel T/A, POOH W/-133 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring, SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$11,037

9/11/2012 Day: 2

Conversion

NC #1 on 9/11/2012 - R/U Perforators W/L RIH Perf Zne GB2 @ 4155'-4158' W/3 SPF, RIH W/-TS Plg, HD Pkr, Set Plg @ 4227', POOH Set Pkr @ 4099', P/Tst Pkr & Plg To 1500 Psi. Perfs Broke @ 3600 Psi, pmp 5 BW In Perfs 1700 Psi @ .90 BPM, SWI, C/SDFD. - 5:30AM-6:00AM C/Trvl, 6:00AM R/U BMW H/Oiler pmp 20 BW D/Csg, POOH L/D W/-35 Jts Tbg, 5 1/2 T/A, 2 Jts Tbg, S/N, 2 Jts Tbg, N/C. R/U Perforators W/L RIH & Perf Zone GB2 @ 4155'- 4158' W/-3 SPF. R/D W/L Afr Perf. P/U & RIH W/-5 1/2 TS Plg, Ret HD, 2 7/8X6' Tbg Sub, 5 1/2 HD Pkr, S/N, 134 Jts Tbg, Set Plg @ 4227', POOH Set Pkr @ 4099', R/U H/Oiler Fill Tbg W/- BW, P/Test Tbg & Tools To 1,500 Psi, Good Test. Perfs Broke @ 3,600 Psi, pmp 5 BW In Perfs 1,700 Psi @ .90 BPM, SWI, 3:00PM C/SDFN, 3:00PM-3:30PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$15,068

9/12/2012 Day: 3

Conversion

NC #1 on 9/12/2012 - owu, fill csg w/47 bw, R/u BJ to frac zne GB2, R/D BJ afr frac, flow zne back, rel pkr & plg, pooh L/D n-80 tbg & pkr plg, RIH W/5 1/2 Arrow #1 Pkr Assembly & Tbg, - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, R/U R/pmp Fill Csg W/-47 BW. R/U BJ To Frac Zone GB2, R/D BJ Afr Frac, OWU, Flowed 83 BW, Rel Pkr, Curc Well Cln, RIH To Plg Curc Well Cln, Rel Plg. POOH W/-134 Jts Tbg, Pkr & Plg. P/U & RIH W/-2 3/8 Re enrty Guide, 2 3/8 X/N Nipple,, 2 3/8 Tbg Sub, 2 3/8X2 7/8 XO, 5 1/2 Arrow #1 Pkr, On Off Tool, 2 7/8 S/N, 133 Jts Tbg, R/U R/pmp, Flush Tbg W/-20 BW, Drop SV, Fill Tbg, P/Test Tbg To 3,000 Psi, Tbg Unstabilized, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - Open for immediate flowback @ approx 3 BPM on a 30/64 choke. RDMO Baker Hughes frac equipment. - MIRU Baker Hughes frac equipment. Held safety meeting w/ rig crew, Weatherford tool hand & Baker Hughes frac crew discussing: smoking area, evacuation plan, working with overhead loads, pressurized iron, PPE & working with unfamiliar crew members. - Pressure test pump lines to 8200 psi. Fill tbg-csg annulus w/ 47 BW w/ rig pump & pressure to 200 to monitor during frac. Frac GB2 sands w/ 10,170#s 20/40 white sand in 107 bbls Lightning 17 frac fluid. Broke @ 2189 psi, 2.5 BPM w/ 4.5 BW. ISIP 1578 psi, FG: .81, 1 min SIP 1360 psi, 4 min SIP 1332 psi. Pumped 500 gals 15% HCL. Treated w/ ave press of 4209 psi and max press of 5127 psi, ave rate of 17.2 BPM & max rate of 18.6 BPM. Flushed w/ 25 BW @ 4110 psi, 18.0 BPM. ISDP 1707 psi, 5 min SIP 1651 psi, 10 min SIP 1618 psi, 15 min SIP 1588 psi.

Daily Cost: \$0
Cumulative Cost: \$46,256

9/13/2012 Day: 4

Conversion

NC #1 on 9/13/2012 - Chek Tbg Psi, Good Tst. N/D BOP, pmp Pkr Fluid, Set Pkr, N/U W/-HD, P/Tst Cst Csg, Good Test. R/D Rig (Final Rig Report) Ready For MIT. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU W/-3290 Psi On Tbg Good Test. R/D R/Flr, N/D BOP, N/U W/-HD, BMW H/Oiler pmp 70 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD, Set Pkr In 15,000 Tension, N/U W/-HD. Fill Csg W/-12 BW, P/Test Csg & Pkr To 1,500 Psi, Good Test. Rack Out Eq, R/D Rig, Move Out @ 2:30PM (Final Report) READY FOR MIT.

Daily Cost: \$0
Cumulative Cost: \$54,313

9/17/2012 Day: 5

Conversion

Rigless on 9/17/2012 - Conduct initial MIT - On 09/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/14/2012 the casing was pressured up to 1760 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 80 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0
Cumulative Cost: \$142,583

Pertinent Files: Go to File List

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: FEDERAL 9-8-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013330580000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2136 FSL 0944 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 08 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: 10/4/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Put on Injection"/>

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

The above reference well was put on injection at 4:21 PM on
10/04/2012.

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

FOR RECORD ONLY

October 09, 2012

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/8/2012	

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.

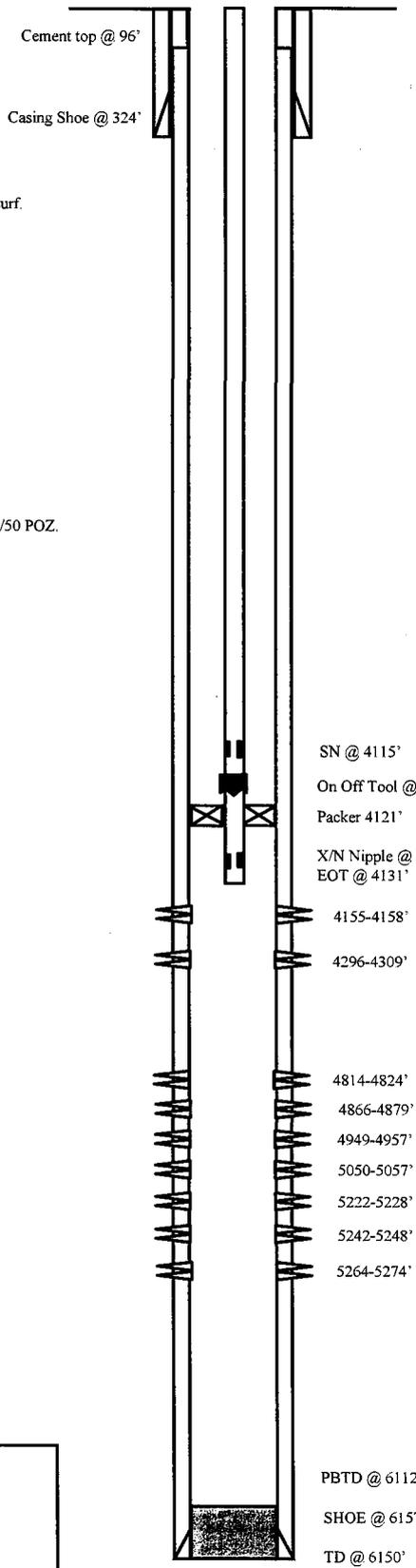
04-19-07 4814-4879' **Frac D2, & D1 sands as follows:**
 140271# 20/40 sand in 940 bbls Lightning 17 frac fluid. Treated @ avg press of 1825 w/ avg rate of 25.5 BPM. ISIP 2118 psi. Calc flush: 4812 gal. Actual flush: 4326 gal.

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 **Convert to Injection Well**

09/14/12 **Conversion MIT Finalized** - update tbg detail



PERFORATION RECORD

Date	Interval	JSPF	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



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-395

Operator: Newfield Production Company
Well: Federal 9-8-9-16
Location: Section 8, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-33058
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on August 7, 2012.
2. Maximum Allowable Injection Pressure: 1,870 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,102' – 6,112')
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

10-1-2012
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\Newfield



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.
UTU-64379

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

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

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

9. API Well No.
43-013-33058

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
NE/SE Sec. 8, T9S R16E

12. County or Parish
Duchesne

13. State
UT

1a. Type of Work: DRILL REENTER

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

2. Name of Operator
Newfield Production Company

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

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

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface NE/SE 2136' FSL 944' FEL 573641X 40.044005
At proposed prod. zone 4432788Y -110.136524

14. Distance in miles and direction from nearest town or post office*
Approximatley 15.3 miles southwest of Myton, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 504' f/lse, NA' f/unit
16. No. of Acres in lease
1626.36

17. Spacing Unit dedicated to this well
40 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1349'

19. Proposed Depth
6210'

20. BLM/BIA Bond No. on file
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5892' GL

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

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

24. Attachments

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

- 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 *Mandie Crozier* Name (Printed/Typed) Mandie Crozier Date 2/10/06

Title Regulatory Specialist

Approved by (Signature) *Bradley G. Hill* Name (Printed/Typed) BRADLEY G. HILL Date 04-25-00

Title ENVIRONMENTAL MANAGER

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

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

*(Instructions on reverse)

**Federal Approval of this
Action Is Necessary**

FEB 15 2006

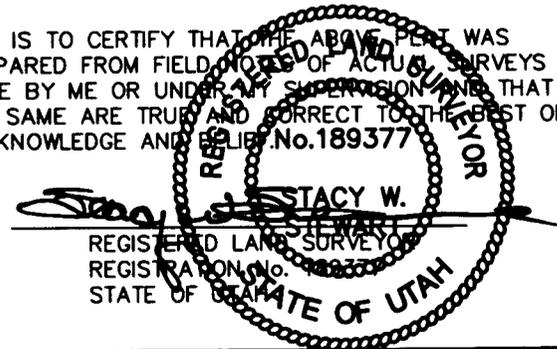
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

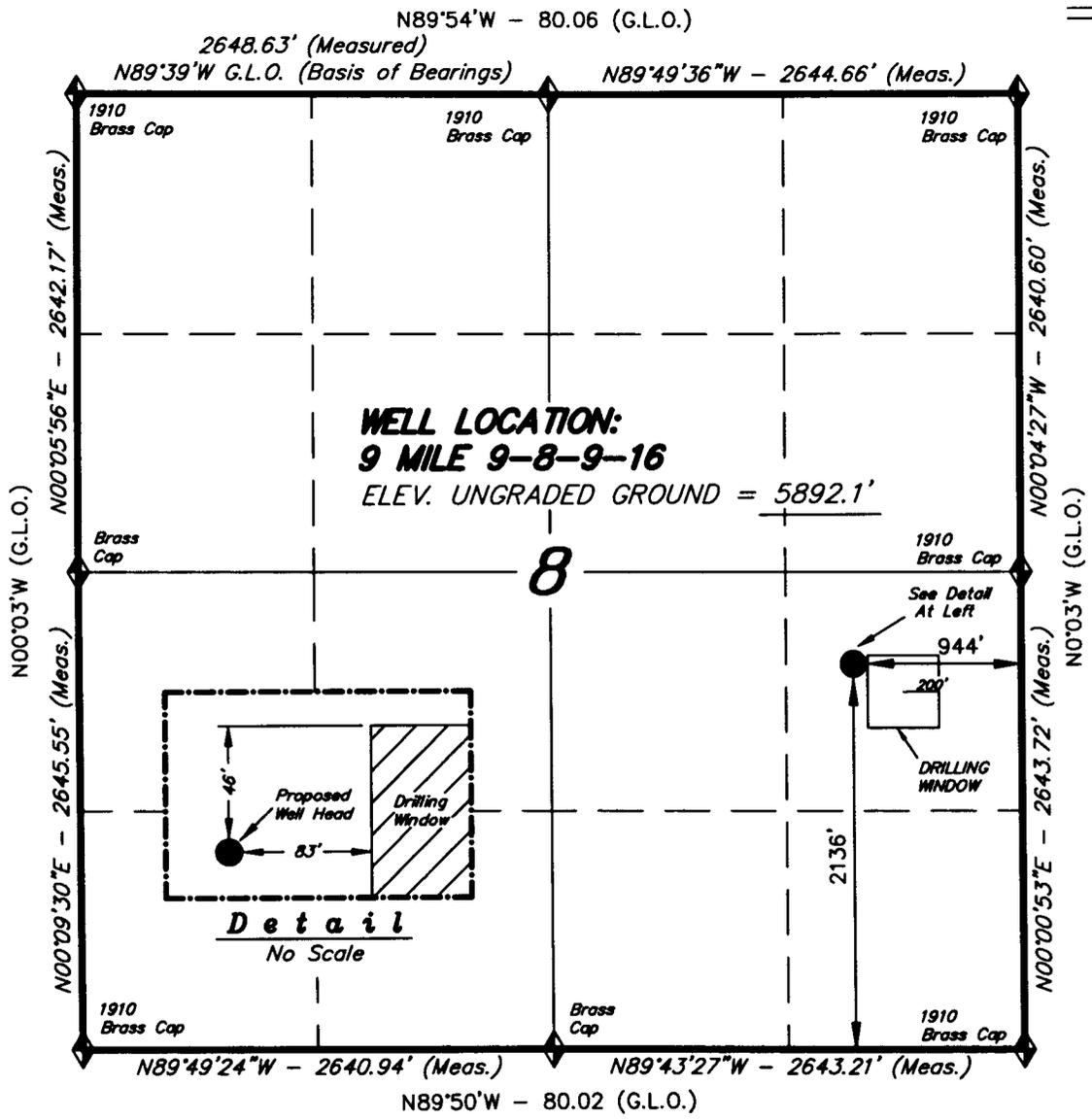
WELL LOCATION, 9 MILE 9-8-9-16,
 LOCATED AS SHOWN IN THE NE 1/4 SE
 1/4 OF SECTION 8, T9S, R16E, S.L.B.&M.
 DUCHESNE COUNTY, UTAH.



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



TRI STATE LAND SURVEYING & CONSULTING 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
DATE SURVEYED: 1-23-06	SURVEYED BY: C.M.
DATE DRAWN: 1-27-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'



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

9 MILE 9-8-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 02' 38.43"
 LONGITUDE = 110° 08' 13.74"



April 19, 2006

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

Re: Exception Locations: (1) *Federal 9-8-9-16*:
2136 FSL 944' FEL NESE Sec 8-T9S-16E;
(2) *Federal 16-8-9-16*: 418' FSL, 629' FEL
SESE Sec 8-T9S-R16E; Duchene Cty., UT
Lease UTU-64379

Dear Ms. Whitney:

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

The above referenced location (1) is an exception location under Rule 649-3-2, being 83' east of the drilling window tolerance for the NESE of Sec 8-T9S-R16E. The attached plat depicts the proposed drillsite location and illustrates the deviation from the drilling window, in accordance with Rule R649-3-2. The requested location has been selected due to the extreme terrain. The second location (2) is an exception location being 43' south of the drilling window tolerance for the SESE of Sec 8-T9S-R16E. Appropriate plats are included and this location has also been selected due to extreme terrain.

Please note the location is completely within Federal lease UTU-64379. The drillsite lease and all surrounding acreage within a four hundred sixty foot (460') radius of the proposed location is owned by Newfield Production Company and Yates Petroleum Corporation. We have contacted Yates Petroleum and their consent to these locations is attached.

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

Sincerely,
NEWFIELD PRODUCTION COMPANY

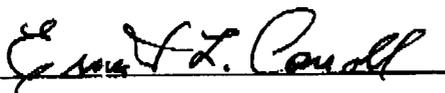

Laurie Deseau
Properties Administrator

RECEIVED
APR 24 2006
DIV. OF OIL, GAS & MINING

Exception Location

Federal 9-8-9-16; Federal 16-8-9-16; Lease U-64379

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

By: 

Date: 04/13/2006

Ernest Carroll, Senior Landman
Print Name and Title



February 10, 2006

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

RE: Applications for Permit to Drill: 7-8-9-16, 8-8-9-16, 9-8-9-16, 10-8-9-16, 15-8-9-16, and 16-8-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 9-8-9-16 and 16-8-9-16 are Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

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

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED

FEB 15 2006

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
FEDERAL #9-8-9-16
NE/SE SECTION 8, 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' – 2720'
Green River	2720'
Wasatch	6210'

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

Green River Formation 2720' – 6210' - 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 #9-8-9-16
NE/SE SECTION 8, T9S, R18E
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 #9-8-9-16 located in the NE 1/4 SE 1/4 Section 8, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 10.9 miles \pm to it's junction with an existing road to the southeast; proceed southeasterly - 0.4 miles \pm to it's junction with an existing road to the north; proceed northeasterly - 1.7 miles \pm to it's junction with the beginning of the proposed access road; proceed southwesterly along the proposed access road - 3,510' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. Archaeological Report #1030-01, 4/23/98. Paleontological Resource Survey prepared by, Wade E. Miller, 11/10/05. See attached report cover pages, Exhibit "D".

For the Federal #9-8-9-16 Newfield Production Company requests a 2,850' ROW be granted in Lease UTU-79833 and 660' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests a 2,850' ROW be granted in Lease UTU-79833 and 660' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed gas lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests a 2,850' ROW be granted in Lease UTU-79833 and 660' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

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

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

Threatened, Endangered, And Other Sensitive Species

Golden Eagle: Lease Notice Only.

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 #9-8-9-16 was on-sited on 11/3/05. The following were present: Shon Mckinnon (Newfeild 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: Shon Mckinnon

Address: Route #3 Box 3630
Myton, UT 84052

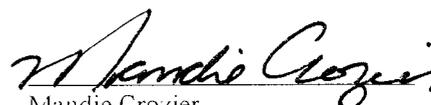
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #9-8-9-16 NE/SE Section 8, Township 9S, Range 16E: Lease UTU-64379 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

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

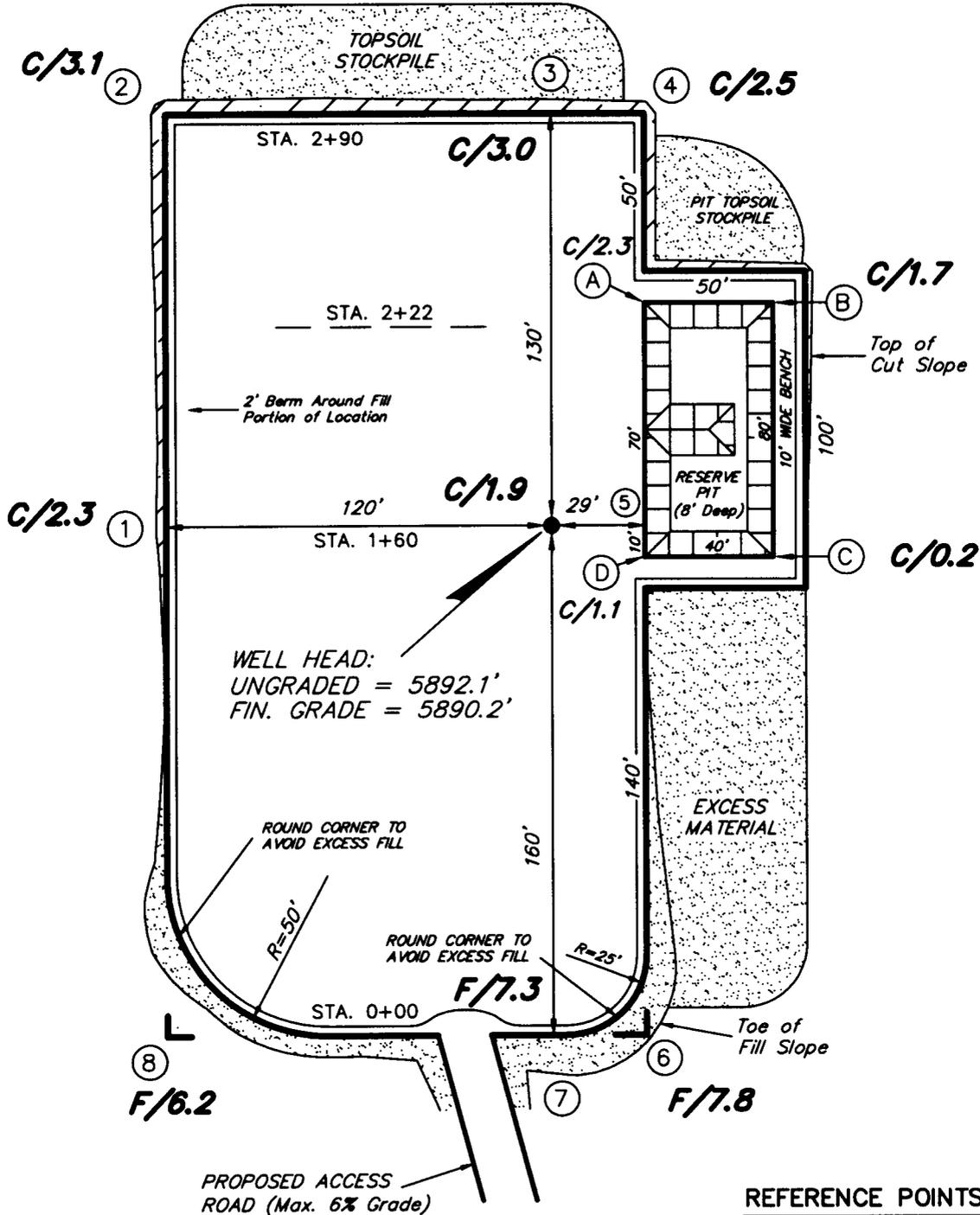
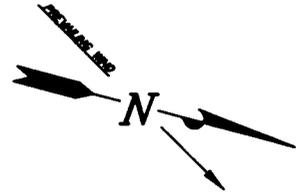
2/10/06
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 9-8-9-16

Section 8, T9S, R16E, S.L.B.&M.



WELL HEAD:
 UNGRADED = 5892.1'
 FIN. GRADE = 5890.2'

REFERENCE POINTS
 180' WESTERLY = 5891.8'
 230' WESTERLY = 5884.6'

SURVEYED BY: C.M.	SCALE: 1" = 50'
DRAWN BY: M.W.	DATE: 1-27-06

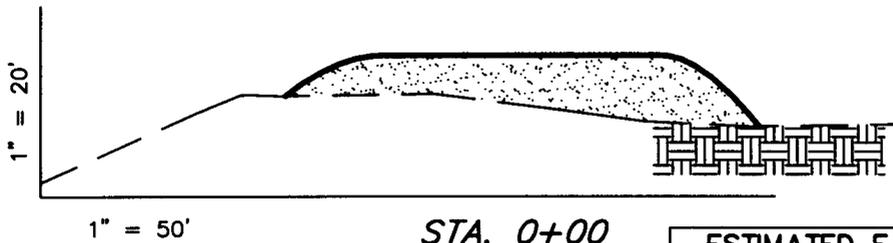
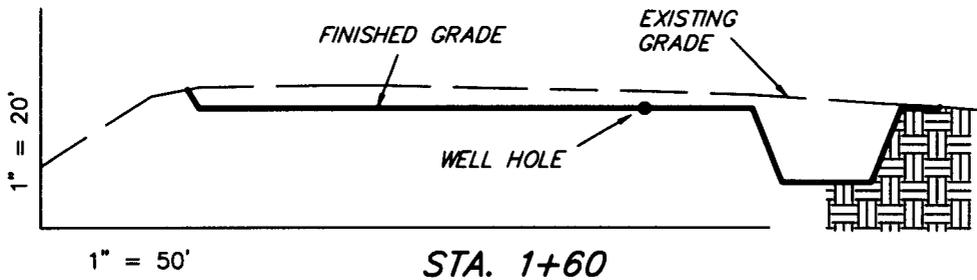
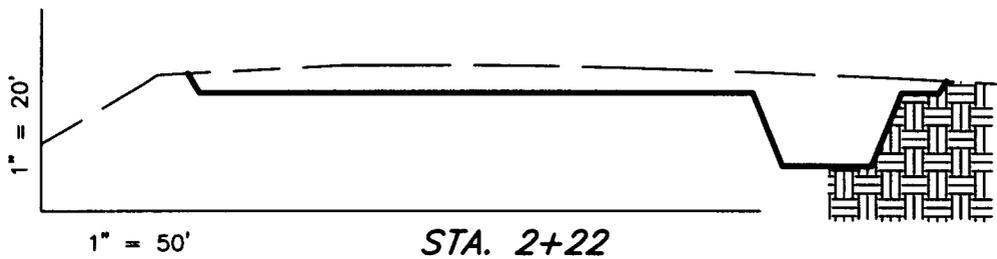
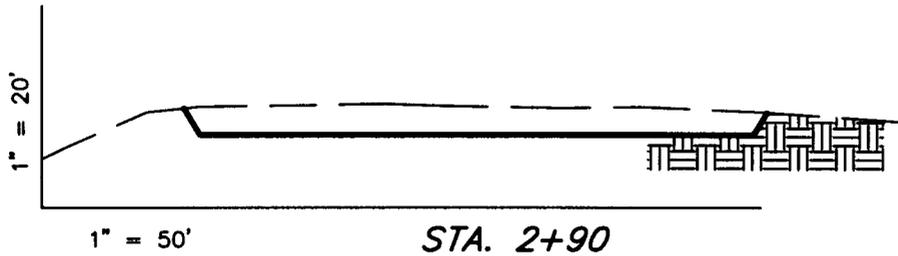
(435) 781-2501

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

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 9-8-9-16



ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,030	2,000	Topsoil is not included in Pad Cut	30
PIT	640	0		640
TOTALS	2,670	2,000	960	670

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

SURVEYED BY: C.M.

SCALE: 1" = 50'

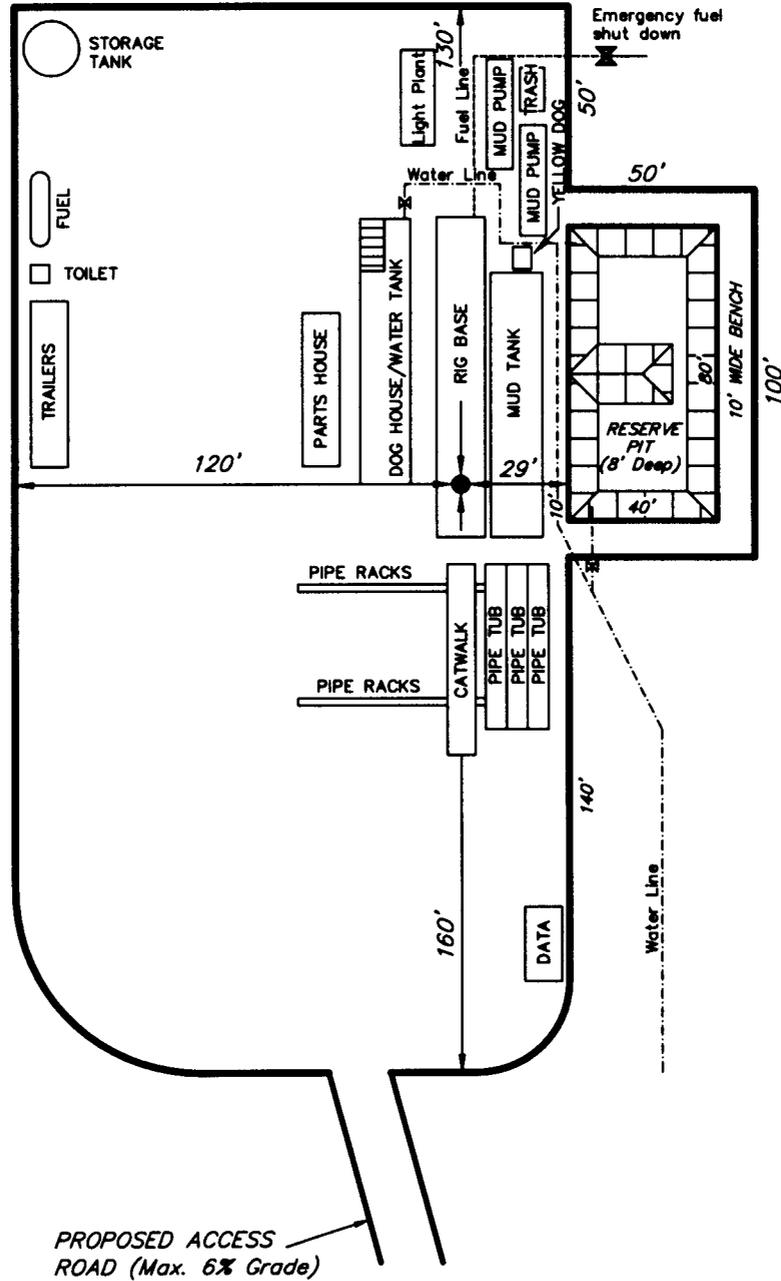
DRAWN BY: M.W.

DATE: 1-27-06

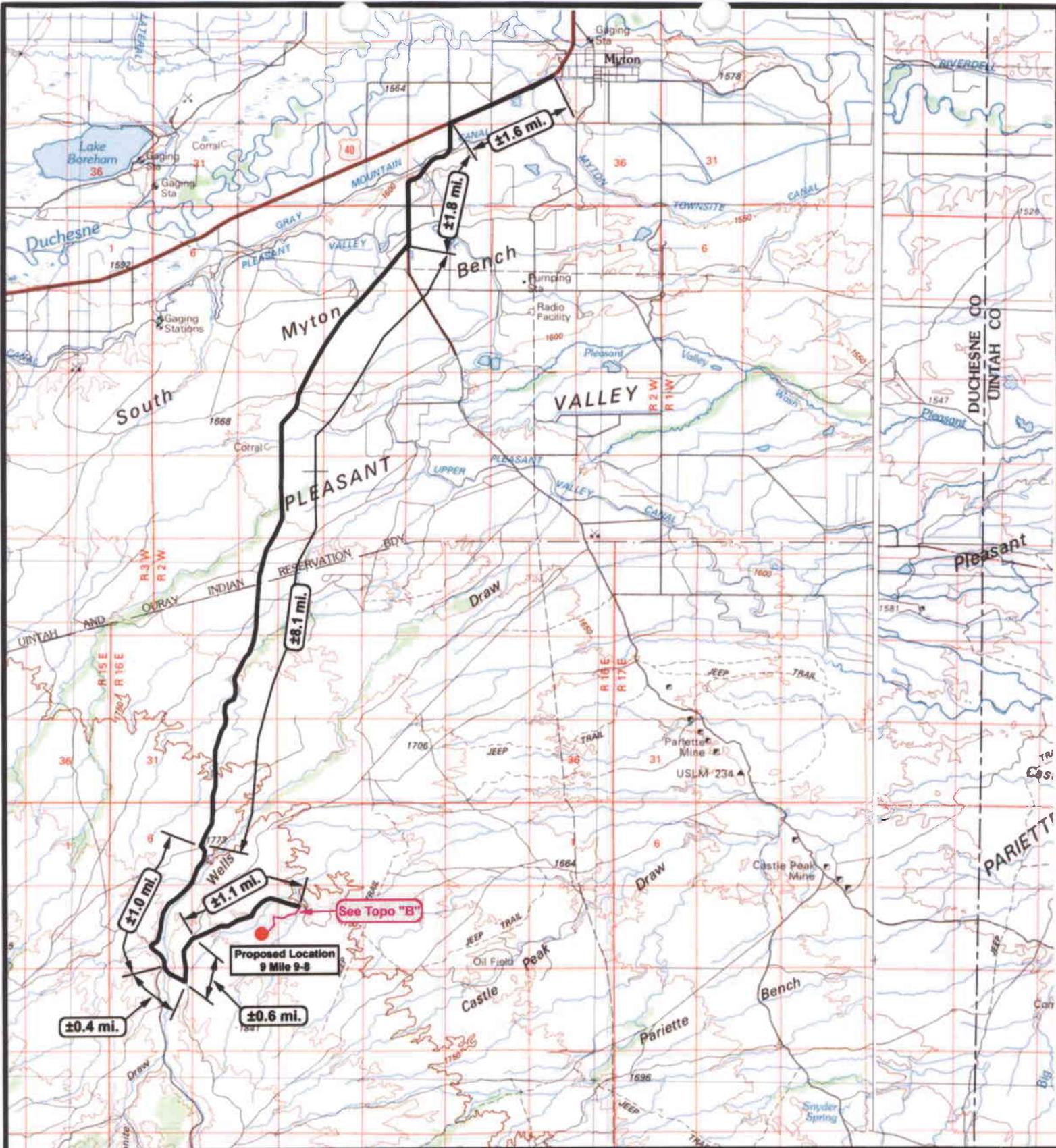
(435) 781-2501

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

NEWFIELD PRODUCTION COMPANY
TYPICAL RIG LAYOUT
9 MILE 9-8-9-16



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: 1-27-06	



NEWFIELD
Exploration Company

9 Mile 9-8-9-16
SEC. 8, T9S, R16E, S.L.B.&M.



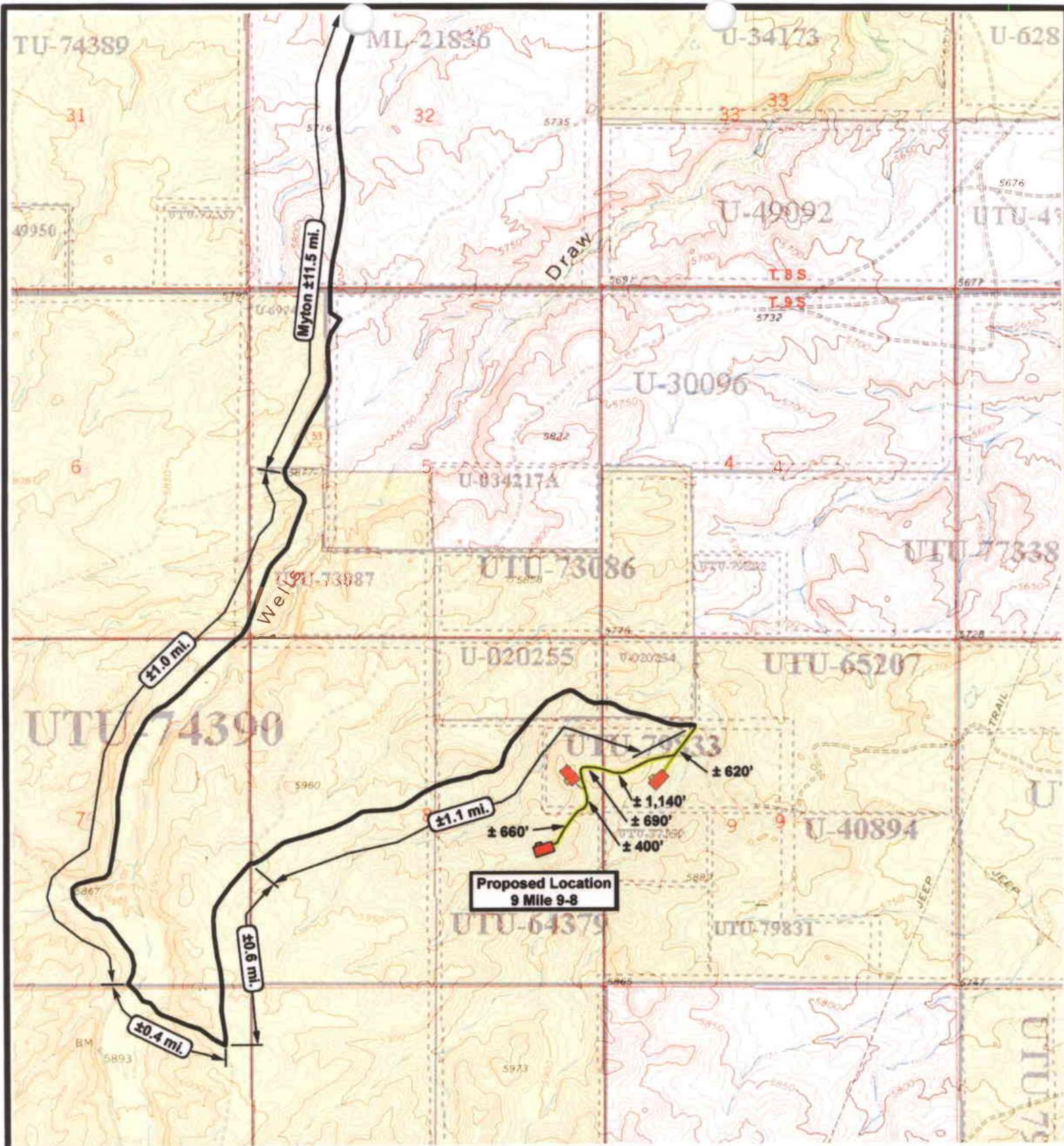
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 01-27-2006

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP
"A"



NEWFIELD
Exploration Company

9 Mile 9-8-9-16
SEC. 8, T9S, R16E, S.L.B.&M.



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

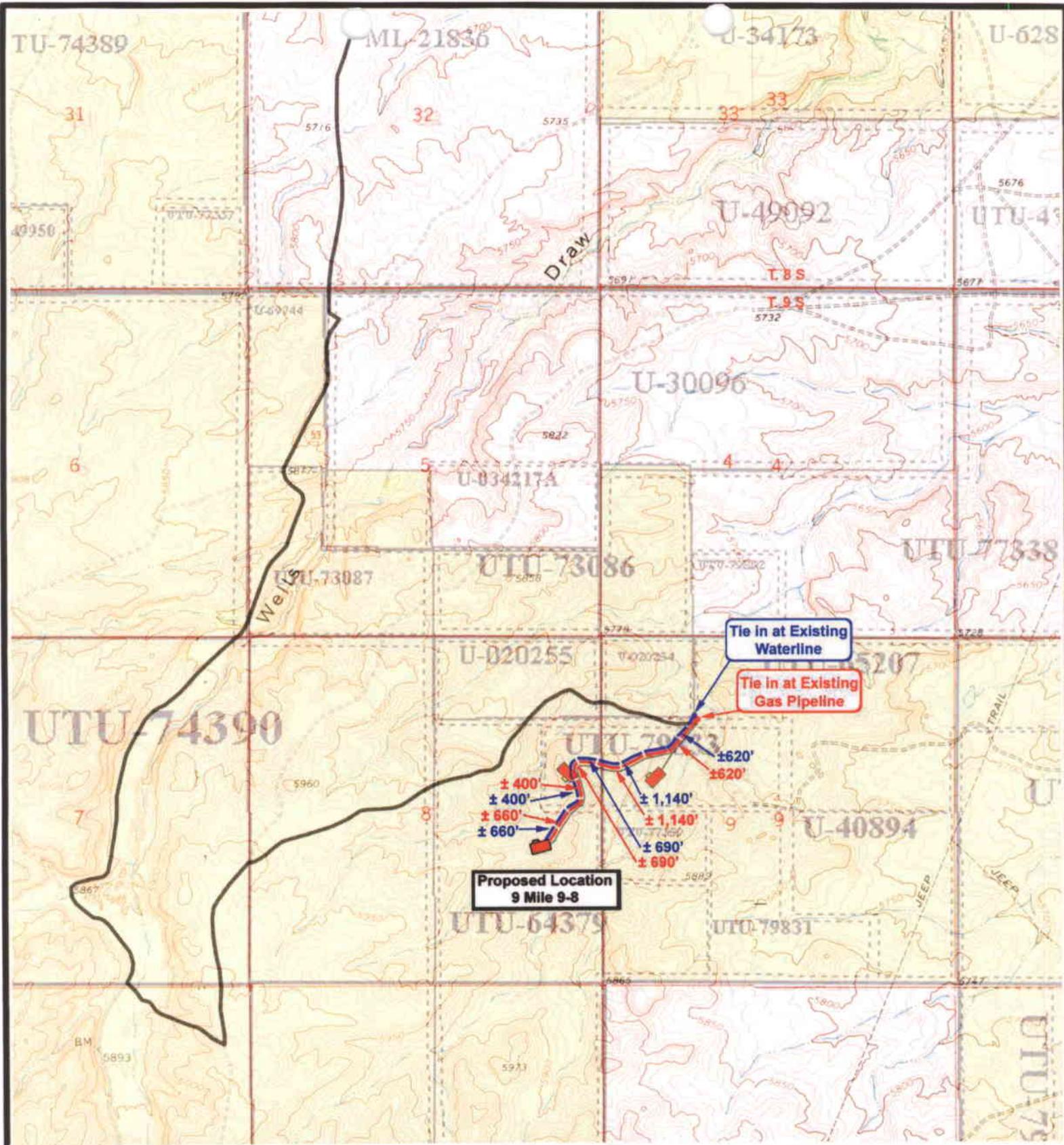
SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 01-27-2006

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

"B"



NEWFIELD
Exploration Company

9 Mile 9-8-9-16
SEC. 8, T9S, R16E, S.L.B.&M.



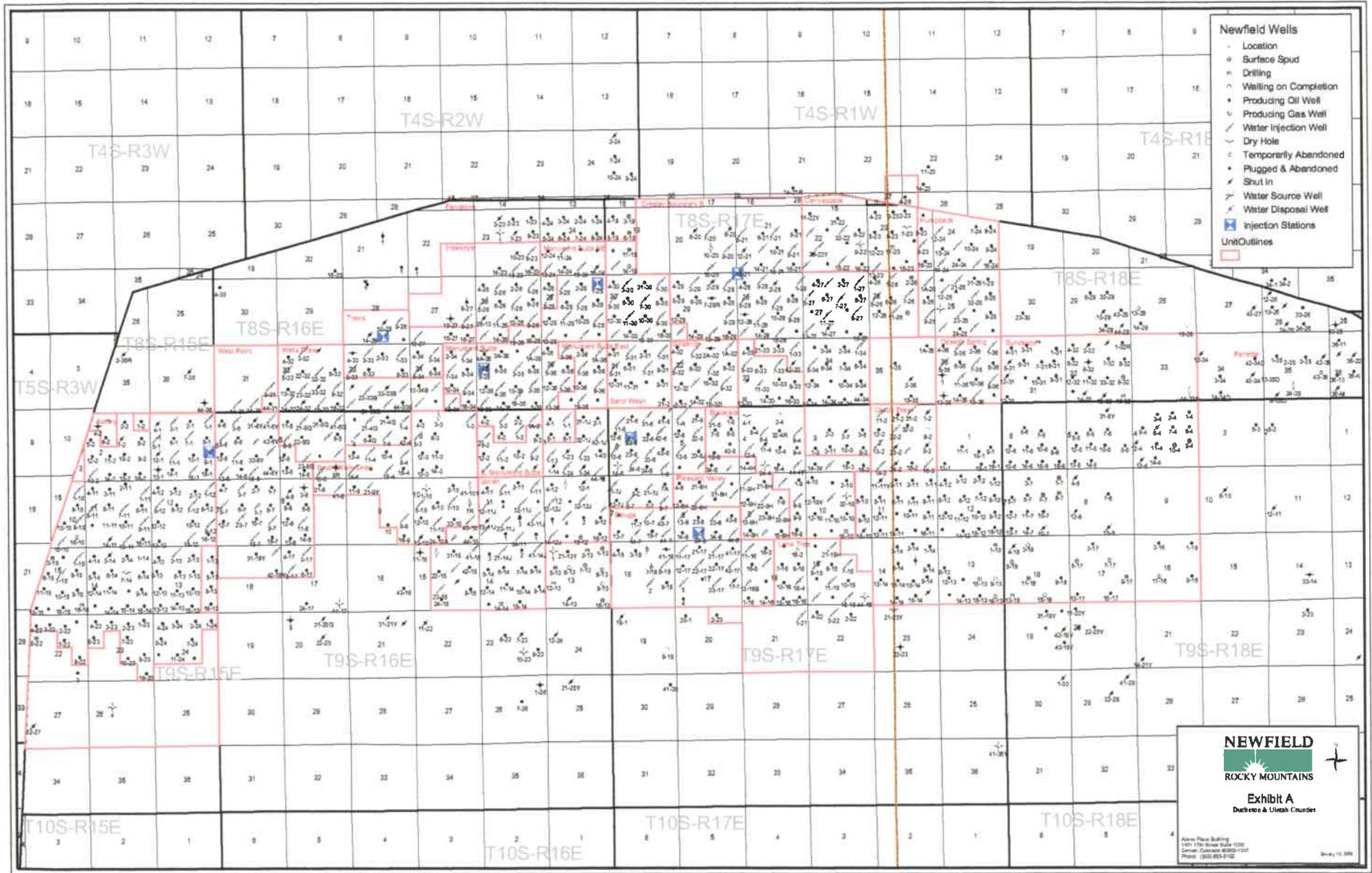
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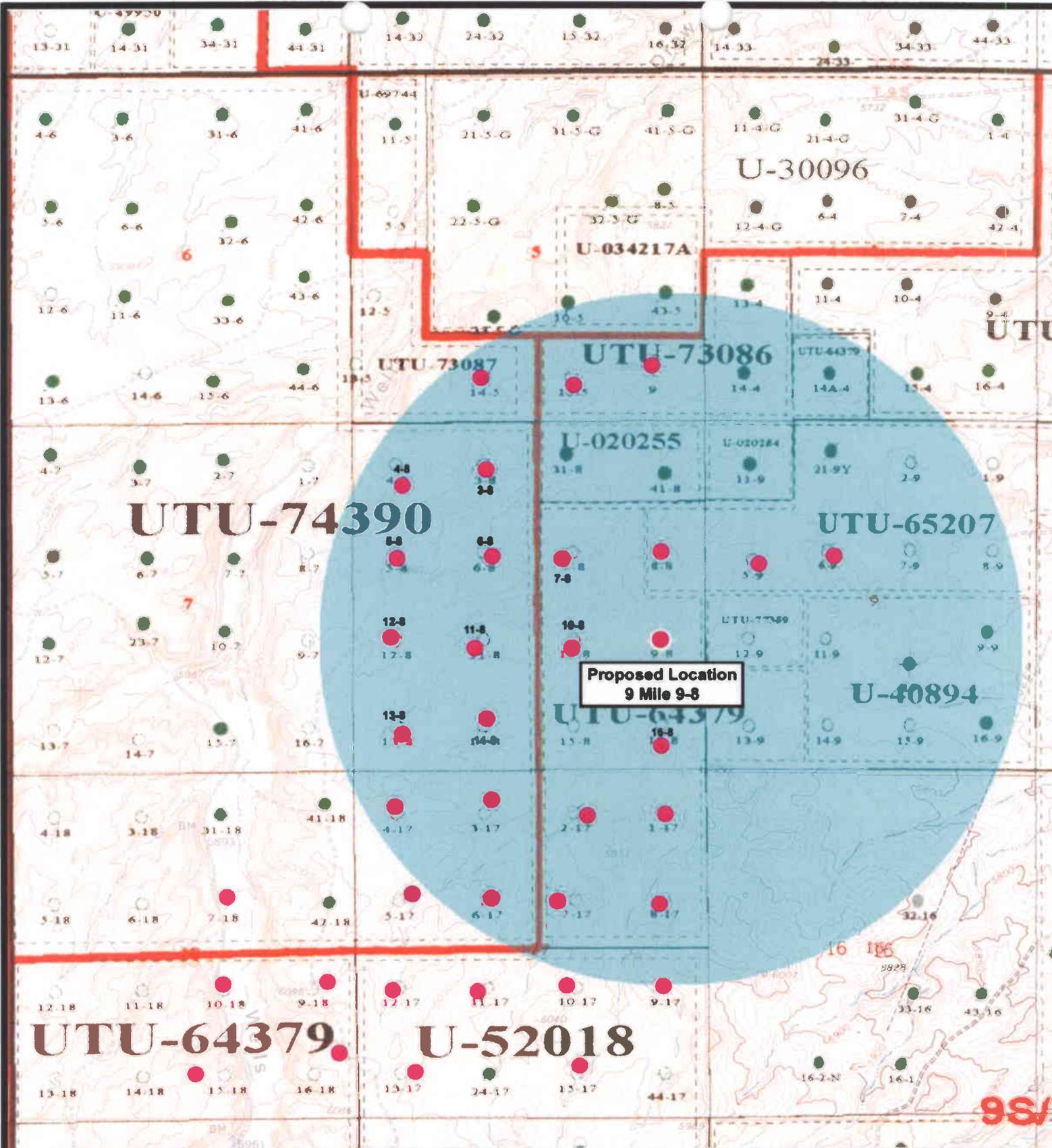
SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 01-27-2006

Legend

- Roads
- Proposed Gas Line
- Proposed Water Line

TOPOGRAPHIC MAP
"C"





NEWFIELD
Exploration Company

9 Mile 9-8-9-16
SEC. 8, T9S, R16E, S.L.B.&M.

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

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 01-27-2006

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

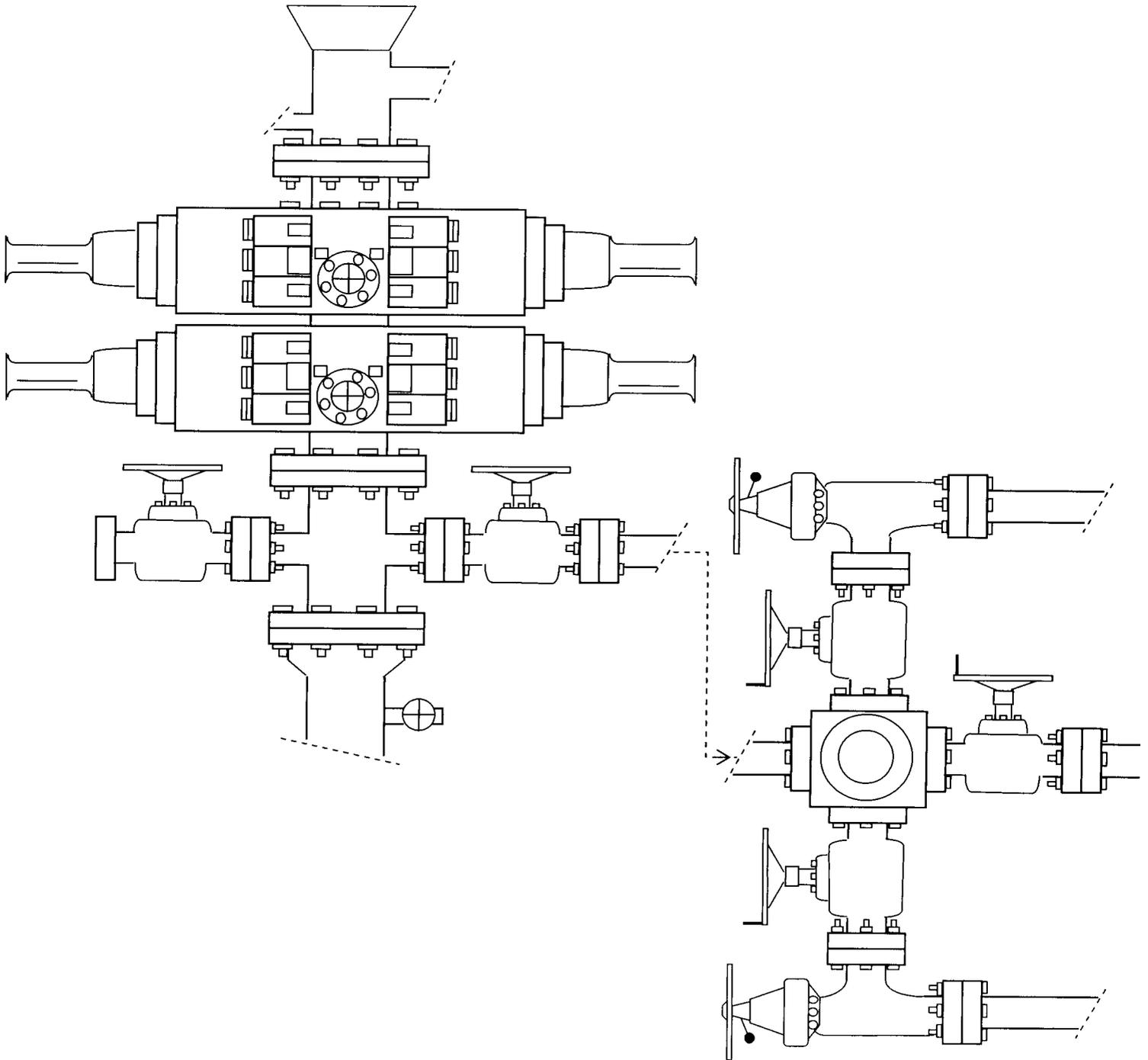


EXHIBIT C

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

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

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
November 10, 2005

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 02/15/2006

API NO. ASSIGNED: 43-013-33058

WELL NAME: FEDERAL 9-8-9-16
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:
 NESE 08 090S 160E
 SURFACE: 2136 FSL 0944 FEL
 BOTTOM: 2136 FSL 0944 FEL
 COUNTY: DUCHESNE
 LATITUDE: 40.04401 LONGITUDE: -110.1365
 UTM SURF EASTINGS: 573661 NORTHINGS: 4432788
 FIELD NAME: MONUMENT BUTTE (105)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-64379
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

Plat
 Bond: Fed[1] Ind[] Sta[] Fee[]
 (No. UTB000192)

N Potash (Y/N)
N Oil Shale 190-5 (B) or 190-3 or 190-13
 Water Permit
 (No. MUNICIPAL)

N RDCC Review (Y/N)
 (Date: _____)

N/A Fee Surf Agreement (Y/N)
N/A Intent to Commingle (Y/N)

LOCATION AND SITING:

_____ R649-2-3.
 Unit: _____

_____ R649-3-2. General
 Siting: 460 From Qtr/Qtr & 920' Between Wells

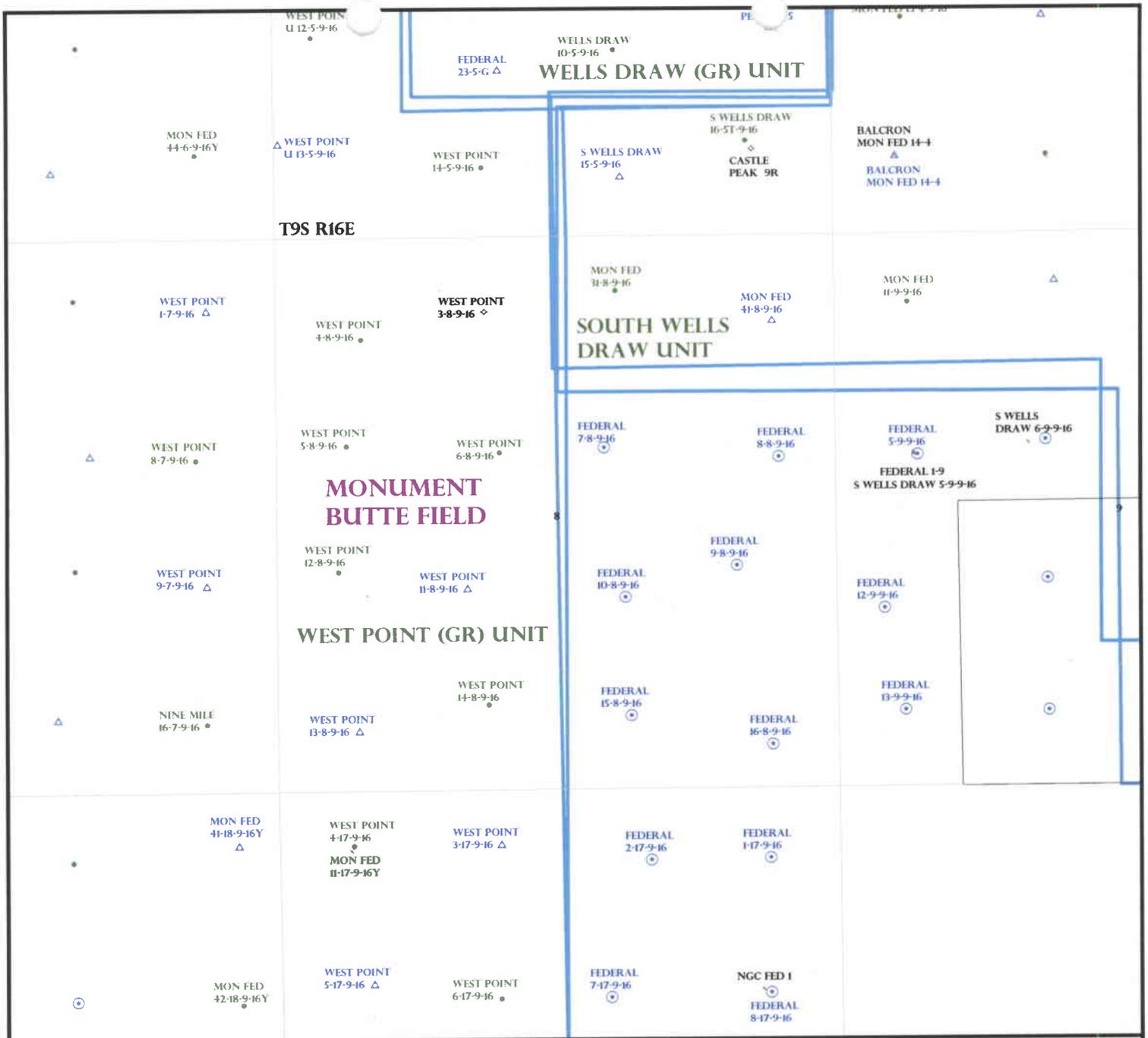
R649-3-3. Exception

_____ Drilling Unit
 Board Cause No: _____
 Eff Date: _____
 Siting: _____

_____ R649-3-11. Directional Drill

COMMENTS: Sep, Separate file

STIPULATIONS: 1- Federal Approved
2- Spacing Skp



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 8 T. 9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

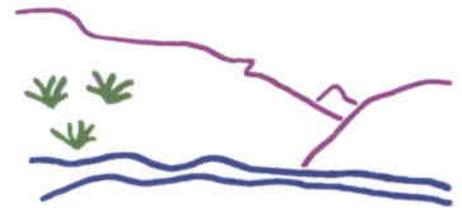
SPACING: R649-3-3 / EXCEPTION LOCATION

Field Status	
	ABANDONED
	ACTIVE
	COMBINED
	INACTIVE
	PROPOSED
	STORAGE
	TERMINATED

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

Wells Status

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



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 17-FEBRUARY-2006



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

April 25, 2006

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

Re: Federal 9-8-9-16 Well, 2136' FSL, 944' FEL, NE SE, Sec. 8, 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 43-013-33058.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

RECEIVED

FEB 15 2006

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
BLM VERNAL, UTAH

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

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-64379
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 9-8-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/SE 2136' FSL 944' FEL At proposed prod. zone		9. API Well No. 43-013-33058
14. Distance in miles and direction from nearest town or post office* Approximatley 15.3 miles southwest of Myton, Utah		10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 504' f/lse, NA' f/unit	16. No. of Acres in lease 1626.36	11. Sec., T., R., M., or Blk. and Survey or Area NE/SE Sec. 8, T9S R16E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1349'	17. Spacing Unit dedicated to this well 40 Acres	12. County or Parish Duchesne
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5892' GL	19. Proposed Depth 6210'	13. State UT
22. Approximate date work will start* 2nd Quarter 2006	20. BLM/BIA Bond No. on file UTB000192	
		23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 2/10/06
Title Regulatory Specialist		
Approved by (Signature) <i>[Signature]</i>	Name (Printed/Typed) TERRY KENNEDY	Date 2-15-2007
Title Assistant Field Manager Lands & Mineral Resources	Office	

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

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

*(Instructions on reverse)

NOTICE OF APPROVAL

RECEIVED
FEB 22 2007
DIV. OF OIL, GAS & MINING

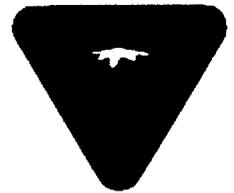


075XS0147A



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

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



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company **Location:** NESE, Sec 8, T9S, R16E
Well No: Federal 9-8-9-16 **Lease No:** UTU-64379
API No: 43-013-33058 **Agreement:** N/A

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

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

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

NOTIFICATION REQUIREMENTS

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

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

1. Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
2. Lands in this lease have been identified as containing Golden eagle habitat. Modifications to the Surface Use Plan of Operations may be required in order to protect the Golden eagle and/or habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
3. Timing Limitation – **March 1 through June 30** – If it is anticipated that construction and drilling will occur within the timing limitation for sage grouse nesting areas, a BLM biologist must be contacted at least 2 weeks prior to the anticipated construction start date so surveys can be initiated.

CONDITIONS OF APPROVAL:

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

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

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

All pounds are in pure live seed.

Rates are set for drill seeding; double the rate if broadcasting.

Reseeding may be required if initial seeding is not successful.

16. The operator will be responsible for treatment and control of invasive and noxious weeds.
17. The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be re-contoured and the topsoil re-spread, and the area shall be seeded in the same manner as the location topsoil.
18. Once the location is plugged and abandoned, it shall be re-contoured to natural topology, topsoil shall be re-spread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
19. The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
20. The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.

21. All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
22. All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
23. Notify the Authorized Officer 48 hours prior to surface disturbing activities.

1. *DOWNHOLE CONDITIONS OF APPROVAL*

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

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. None

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

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

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

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

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

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

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

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

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

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

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

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

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

of the CBL to this office.

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

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

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

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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 9-8-9-16

Api No: 43-013-33058 Lease Type: FEDERAL

Section 08 Township 09S Range 16E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 03/14/07

Time 10:00 AM

How DRY

Drilling will Commence: _____

Reported by JUSTIN CRUM

Telephone # (435) 823-6733

Date 03/14/07 Signed CHD

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

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

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					GD	SC	TP	RS	COUNTY		
A	99999	15990	43-047-36283	FEDERAL 12-20-8-18	NW/SW	20	8S	18E	UINTAH	3/7/2007	3/15/07
WELL 1 COMMENTS: <u>GRU</u>											
B	99999	12187	43-013-33275	<u>Hawkeye</u> FEDERAL H-26-8-16	NW/NE	26	8S	16E	DUCHESNE	3/8/2007	3/15/07
WELL 2 COMMENTS: <u>GRU</u> <u>BHL = CN/2</u>											
A	99999	15991	43-047-36661	FEDERAL 4-29-8-18	NW/NW	29	8S	18E	UINTAH	3/8/2007	3/15/07
WELL 3 COMMENTS: <u>GRU</u>											
A	99999	15992	43-047-36658	FEDERAL 1-29-8-18	NE/NE	29	8S	18E	UINTAH	3/12/2007	3/15/07
WELL 4 COMMENTS: <u>GRU</u>											
A	99999	15993	43-047-36659	FEDERAL 2-29-8-18	NW/NE	29	8S	18E	UINTAH	3/13/2007	3/15/07
WELL 5 COMMENTS: <u>GRU</u>											
A	99999	15994	43-013-33058	FEDERAL 9-8-9-16	NE/SE	8	9S	16E	DUCHESNE	3/14/2007	3/15/07
WELL 6 COMMENTS: <u>GRU</u>											

ACTION CODES (See instructions on back of form)
A - a new well (single well entry)
B - to existing well (group or unit well)
C - two existing wells to another existing well
D - new well existing well to a new well
E - complete in comments section

RECEIVED
MAR 15 2007

Lana Nebeker
Signature
LANA NEBEKER

Production Analyst
Title

March 15, 2007
Date

DIV. OF OIL, GAS & MINING

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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



1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 2136 FSL 944 FEL
 NESE Section 8 T9S R16E

5. Lease Serial No.

USA UTU-64379

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.

FEDERAL 9-8-9-16

9. API Well No.

4301333058

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

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

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

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

On 3/14/07 MIRU NDSI NS # 1. Spud well @ 10:00 AM. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 323 KB. On 3/22/07 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/sk yeild. Returned 5 bbls cement to pit. WOC.

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

Justin Crum
 Signature

Title
 Drilling Foreman

Date
 03/27/2007



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

Title _____ Date _____
 Office _____

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

(Instructions on reverse)

RECEIVED
MAR 28 2007
 DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 323.83

LAST CASING 8 5/8" SET AT 323.83'
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 320' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR NewField Production Company
 WELL Federal 9-8-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI NS#1

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 44.49'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	312.93
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			313.83
TOTAL LENGTH OF STRING		313.83	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			323.83
TOTAL		311.98	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		311.98	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.	Spud	3/14/2007	8:45 AM	GOOD CIRC THRU JOB			Yes
CSG. IN HOLE		3/16/2007	9:00 AM	Bbls CMT CIRC TO SURFACE			5
BEGIN CIRC		3/22/2007	11:18 AM	RECIPROCATED PIPE FOR			THRU FT STROKE
BEGIN PUMP CMT		3/22/2007	12:02 PM				N/A
BEGIN DSPL. CMT		3/22/2007	12:16 PM	BUMPED PLUG TO			140 PSI
PLUG DOWN		3/22/2007	12:24 PM				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third for 3							

COMPANY REPRESENTATIVE Justin Crum DATE 3/23/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.
USA UTU-64379

6. If Indian, Allottee or Tribe Name.

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

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

9. API Well No.
4301333058

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2136 FSL 944 FEL
NESE Section 8 T9S R16E

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

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

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

On 3/25/07 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6150'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 139 jt's of 5.5 J-55, 15.5# csgn. Set @ 6157' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 15 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 92,000 #'s tension. Release rig @ 12:00 AM on 3/31/07.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Jim Smith	Title Drilling Foreman
Signature 	Date 03/31/2007

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

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

(Instructions on reverse)

RECEIVED

APR U 3 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6157.35

Flt cflr @ 6176.27'

LAST CASING 8 5/8" Set@ 323'
 DATUM 12
 DATUM TO CUT OFF CASING 12
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 6150 LOGGEEF 6156'
 HOLE SIZE 7 7/8"

OPERATOR Newfield Production Company
 WELL Federal 9-8-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI Rig # 1

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt @ : 4035' / 34.33'					
138	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	6009.47
							0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	44.1
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6159.35
TOTAL LENGTH OF STRING		6159.35	139	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		133.71	3	CASING SET DEPTH			6157.35
TOTAL		6277.81	142	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6277.81	142				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		3/30/2007	11:30AM	GOOD CIRC THRU JOB			yes
CSG. IN HOLE		3/30/2007	3:00PM	Bbls CMT CIRC TO SURFACE			15
BEGIN CIRC		3/30/2007	3:20PM	RECIPROCATED PIPE FOR			THRUSTROKE
BEGIN PUMP CMT		3/30/2007	4:19PM	DID BACK PRES. VALVE HOLD ?			yes
BEGIN DSPL. CMT		3/30/2007	5:15PM	BUMPED PLUG TO			1700 PSI
PLUG DOWN		3/30/2007	5:41PM				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1		Premlite II w/ 10% gel + 3 % KCL, 3#'s /sk CSE + 2# sk/kolseal + 1/2#'s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2		50/50 poz W/ 2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Jim Smith DATE 3/30/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Serial No.
USA UTU-64379

6. If Indian, Allottee or Tribe Name.

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

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

9. API Well No.
4301333058

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2136 FSL 944 FEL
NESE Section 8 T9S R16E

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

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

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

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

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

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

I hereby certify that the foregoing is true and correct (Printed/ Typed) Mandie Crozier	Title Regulatory Specialist
Signature <i>Mandie Crozier</i>	Date 04/24/2007

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

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

(Instructions on reverse)

RECEIVED

APR 25 2007

DIV. OF OIL, GAS & MINING

(See other instructions on reverse side)

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

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.

UTU-64379

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

Federal

8. FARM OR LEASE NAME, WELL NO.

Federal 9-8-9-16

9. WELL NO.

43-013-33058

10. FIELD AND POOL OR WILDCAT

Monument Butte

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

Sec. 8, T9S, R16E

1a. TYPE OF WORK

OIL WELL GAS WELL DRY Other _____

1b. TYPE OF WELL

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

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface 2136' FSL & 944' FEL (NE/SE) Sec. 8, T9S, R16E

At top prod. Interval reported below

At total depth

14. API NO. 43-013-33058 DATE ISSUED 04/25/06

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUNDED

03/14/07

16. DATE T.D. REACHED

03/29/07

17. DATE COMPL. (Ready to prod.)

04/23/07

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

5892' GL

19. ELEV. CASINGHEAD

5904' KB

20. TOTAL DEPTH, MD & TVD

6150'

21. PLUG BACK T.D., MD & TVD

6112'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

----->

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

Green River 4296'-5274'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED

No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	324'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6157'	7-7/8"	300 sx Premlite II and 425 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5333'	TA @ 5205'

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(A1,3) 5264'-74, 5242'-48, 5222'-28'	.49"	4/88	5222'-5274'	Frac w/ 100,620# 20/40 sand in 712 bbls fluid
(B1) 5050'-5057'	.43"	4/28	5050'-5057'	Frac w/ 24,901# 20/40 sand in 341 bbls fluid
(C) 4949'-4957'	.43"	4/32	4949'-4957'	Frac w/ 15,025# 20/40 sand in 268 bbls fluid
(D1&2) 4866'-79, 4814'-24'	.43"	4/92	4814'-4879'	Frac w/ 140,271# 20/40 sand in 940 bbls fluid
(GB4) 4296'-4309'	.43"	4/52	4296'-4309'	Frac w/ 75,560# 20/40 sand in 560 bbls fluid

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

33.* PRODUCTION

DATE FIRST PRODUCTION 04/23/07	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 20' RHAC SM Plunger Pump	WELL STATUS (Producing or shut-in) PRODUCING					
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL. 140	GAS--MCF. 33	WATER--BBL. 49	GAS-OIL RATIO 236
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	

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

Sold & Used for Fuel

TEST WITNESSED BY

RECEIVED

35. LIST OF ATTACHMENTS

MAY 17 2007

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

SIGNED Jentry Park

TITLE Production Clerk

DATE 5/11/2007
DIV. OF OIL, GAS & MINING

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

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Federal 9-8-9-16	Garden Gulch Mkr	3777'	
				Garden Gulch 1	3994'	
				Garden Gulch 2	4103'	
				Point 3 Mkr	4362'	
				X Mkr	4631'	
				Y-Mkr	4664'	
				Douglas Creek Mkr	4778'	
				BiCarbonate Mkr		
				B Limestone Mkr	5134'	
				Castle Peak	5644'	
				Basal Carbonate	6095'	
				Total Depth (LOGGERS)	6156'	

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

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

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301333058

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

PHONE NUMBER
435.646.3721

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 2136 FSL 944 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESE, 8, T9S, R16E

STATE: UT

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

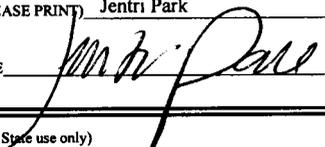
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>05/08/2007</u>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The above subject well was completed on 04/23/07, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE 

DATE 05/08/2007

(This space for State use only)

RECEIVED

MAY 1 / 2007

DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 9-8-9-16

2/1/2007 To 6/30/2007

4/14/2007 Day: 1

Completion

Rigless on 4/13/2007 - Instal 5K frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6074' & cement top @ 96'. Perforate stage #1, A3 sds @ 5264-74', A1 sds @ 5242-48', 5222-28' w/ 3-1/8" Slick Guns (19 gram, .49"HE. 120°) w/ 4 spf for total of 88 shots. 145 bbls EWTR. SIFN.

4/20/2007 Day: 2

Completion

Rigless on 4/19/2007 - RU BJ Services "Ram Head" frac flange. RU BJ & frac A sds, stage #1 down casing w/ 100,620#'s of 20/40 sand in 712 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 1767 psi. Treated @ ave pressure of 1866 w/ ave rate of 25.2 w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in plush for next stage. ISIP was 2198. 857 bbls EWTR. Leave pressure on well. RU Lone Wolf WLT, crane & lubricator. RIH W Weatherford 5-1/2" composite (solid 6K) frac plug & 7' perf gun. Set plug @ 5160' Perforate B1 sds @ 5050-57' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 spf for total of 28 shots. RU BJ & perfs won't break down. RIH & spot 12 bbls of 15% HCL acid on perfs. RU BJ & frac stage #2 w/ 24,901#'s of 20/40 sand in 341 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 3420 psi. Treated @ ave pressure of 1844 w/ ave rate of 25.6 w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in plush for next stage. ISIP was 1903. 1198 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ (solid 6K) frac plug & 8' perf gun. Set plug @ 5000' Perforate C sds @ 4949-57' w/ 4 spf for total of 32 shots. RU BJ & perfs won't break down. RIH & spot 12 bbls of 15% HCL acid on perfs. RU BJ & frac stage 3# w/ 15,025#'s of 20/40 sand in 268 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2444 psi. Treated @ ave pressure of 2058 w/ ave rate of 25.5 w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in plush for next stage. ISIP was 3687. 1466 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ (solid 6K) frac plug & 13' perf gun. Set plug @ 4910' Perforate D2 sds @ 4866-79', D1 sds @ 4814-24' w/ 4 spf for total of 92 shots. RU BJ & frac stage 4# w/ 140,271#'s of 20/40 sand in 940 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 3037 psi. Treated @ ave pressure of 1825 w/ ave rate of 25.5 w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in plush for next stage. ISIP was 2118. 2406 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ flow through frac plug & 13' perf gun. Set plug @ 4410'. Perforate GB4 sds @ 4296-4309' w/ 4 spf for total of 52 shots. SIFN.

4/21/2007 Day: 3

Completion

Western #2 on 4/20/2007 - RU BJ & frac stage 5# w/ 75,560#'s of 20/40 sand in 560 bbls of Lightning 17 frac fluid. Open well w/ 490 psi on casing. Perfs broke down @ 3604 psi. Treated @ ave pressure of 1672 w/ ave rate of 25.4 w/ 8 ppg of sand. ISIP was 1958. 2966 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 3 hours & died w/ 210 bbls rec'd. MIRUSU. RD Cameron BOP's & 5K frac head. Instal 3K production head & Schaefer BOP's. TIH w/ 4-3/4" chomp bit, bit sub, new J-55, 6.5# tbg off racks w/ 143 jts tag plug @ 4410'. RU pump tank & swivel. Drlg up plug #1. Circulate well clean. SIFN.

4/22/2007 Day: 4**Completion**

Western #2 on 4/21/2007 - leed pressure off well. Rec est 15 BTF. Con't C/O sd & drill out composite bridge plugs as follows (using conventional circulation): sd @ 4872', plug @ 4910' in 20 minutes; sd @ 4943', plug @ 5000' in 24 minutes; sd @ 5086', plug @ 5160' in 12 minutes. Hang back swivel & con't PU tbg. Tag fill @ 5978'. PU swivel. Drill plug remains & sd to PBTD @ 6112'. Circ hole clean. Lost est 180 BW during cleanout. RD swivel. Pull EOT to 6010'. RU swab equipment. IFL @ sfc. Made 13 swb runs rec 143 BTF W/ light gas, tr oil & no sd. FFL @ 1600'. SIFN W/ est 2778 BWTR.

4/24/2007 Day: 5**Completion**

Western #2 on 4/23/2007 - Bleed gas off well. TIH W/ tbg f/ 6010'. Tag PBTD @ 6112' (no new fill). Circ hole clean. Lost est 75 BW & rec tr oil. LD excess tbg. TOH W/ tbg--LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 2 jts tbg, new CDI 5 1/2" TA (45K) & 168 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 5205' W/ SN @ 5269' & EOT @ 5333'. Land tbg W/ 16,000# tension. NU wellhead. RU & Flush tbg W/ 60 BW (returned 40 bbls). PU & TIH W/ pump and "A" & "B" grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 20' RHAC pump, 6-1 1/2" weight rods, 10-3/4" scraped rods, 94-3/4" plain rods (top 25 "A" grade), 98-3/4" scraped rods, 1-8', 1-6', 1-4' & 1-2' X 3/4" pony rods (A) and 1 1/2" X 26' polished rod (A). Seat pump & RU pumping unit. Fill tbg W/ 1 BW. Pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 2874 BWTR. Place well on production @ 6:30 PM 4/23/2007 W/ 120" SL @ 5 SPM. FINAL REPORT!!

Pertinent Files: Go to File List



June 7, 2012

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

RECEIVED
JUN 12 2012
DIV. OF OIL, GAS & MINING

RE: Permit Application for Water Injection Well
Federal #9-8-9-16
Monument Butte Field, Lease #UTU-64379
Section 8-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #9-8-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg", with a long, sweeping underline.

Eric Sundberg
Regulatory Lead

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #9-8-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-64379
JUNE 7, 2012

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STATE OF UTAH
 DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
 ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: Federal #9-8-9-16
 Field or Unit name: Monument Butte (Green River) Lease No. UTU-64379
 Well Location: QQ nese section 8 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? Yes [X] No []
 Will the proposed well be used for:
 Enhanced Recovery? Yes [X] No []
 Disposal? Yes [] No [X]
 Storage? Yes [] No [X]
 Is this application for a new well to be drilled? Yes [] No [X]
 If this application is for an existing well,
 has a casing test been performed on the well? Yes [] No [X]
 Date of test: _____
 API number: 43-013-33058

Proposed injection interval: from 4102 to 6112
 Proposed maximum injection: rate 500 bpd pressure 1870 psig
 Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2
 mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg Signature 
 Title Regulatory Lead Date 6/17/12
 Phone No. (303) 893-0102

(State use only)
 Application approved by _____ Title _____
 Approval Date _____

Comments:

Federal 9-8-9-16

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

Initial Production: BOPD,
 MCFD, BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

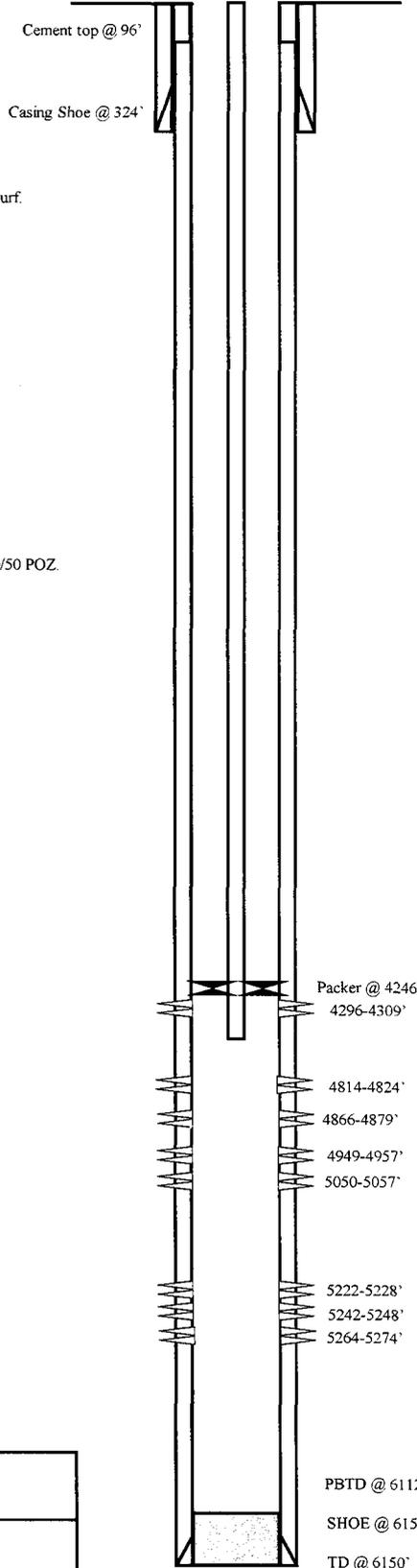
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (312.93')
 DEPTH LANDED: 323.83' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

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: 168 jts (5193.30')
 TUBING ANCHOR: 5205.30' KB
 NO. OF JOINTS: 2 jts (60.72')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5268.82' KB
 NO. OF JOINTS: 2 jts (63.08')
 TOTAL STRING LENGTH: EOT @ 5333.45' 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.

PERFORATION RECORD

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

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

PBTD @ 6112'

SHOE @ 6157'

TD @ 6150'

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 #9-8-9-16 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 #9-8-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (4102' - 6112'). 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 3772' and the TD is at 6150'.

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

The referenced log for the Federal #9-8-9-16 is on file with the Utah Division of Oil, Gas and Mining.

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

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

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

See Attachment B.

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

See Attachment C.

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

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

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

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

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

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

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

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

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

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

The casing program is 8-5/8", 24# surface casing run to 324' KB, and 5-1/2", 15.5# casing run from surface to 6147' 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 1870 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 #9-8-9-16, for existing perforations (4296' - 5274') calculates at 0.81 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 1870 psig. We may add additional perforations between 3772' and 6150'. 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 #9-8-9-16, the proposed injection zone (4102' - 6112') 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.

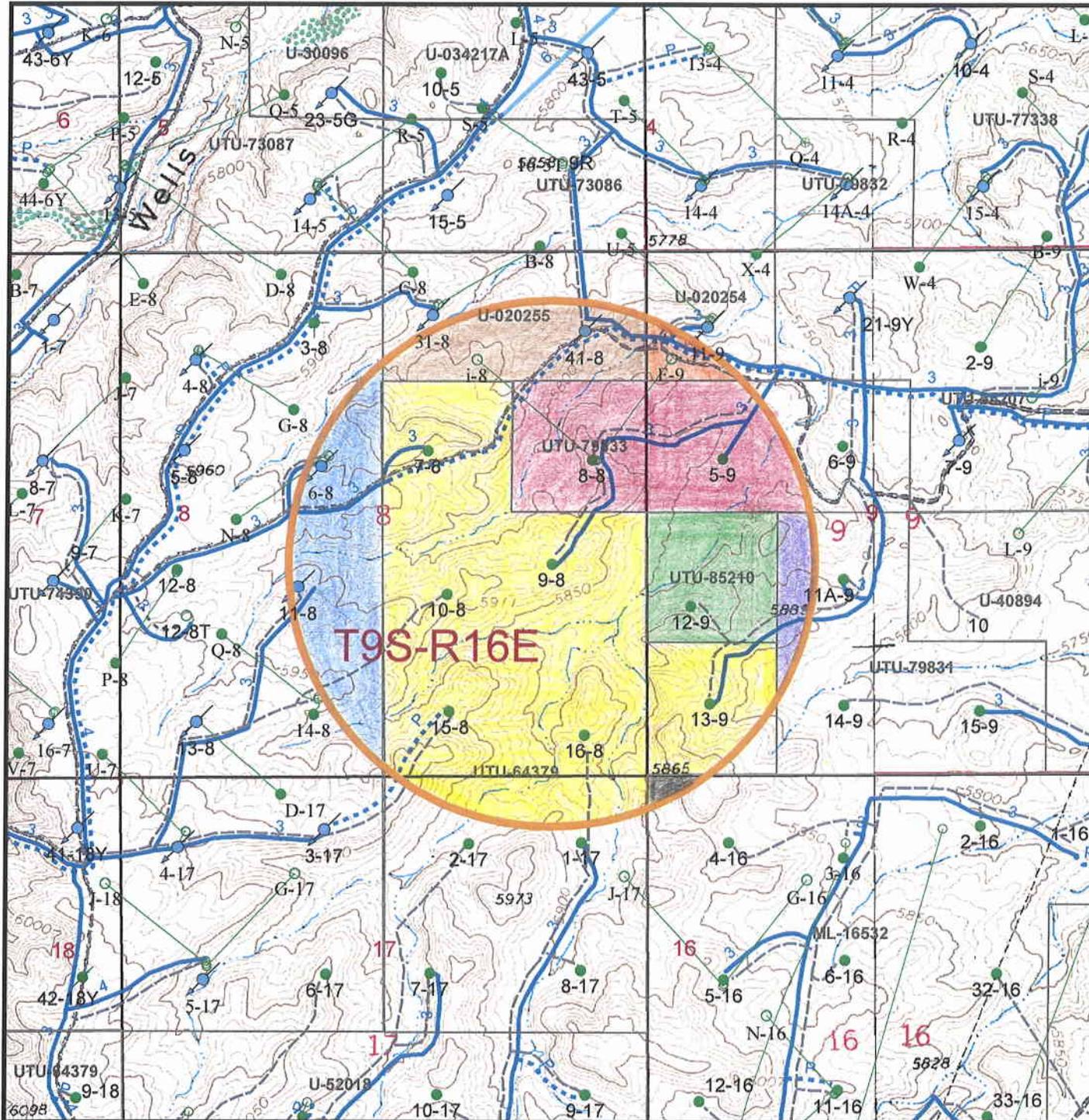
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

Countyline

- Countyline

Injection system

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

Leases

- Leases
- Mining tracts

Handwritten notes:

- UTU-64379
- UTU-74390
- UTU-79833
- UTU-85210
- UTU-020255
- UTU-020254
- UTU-79831
- ST of UT ML-16532

Federal 9-8
Section 9, T 9S-R16E

NEWFIELD



1/2 Mile Radius Map
Duchesne & Uintah Counties

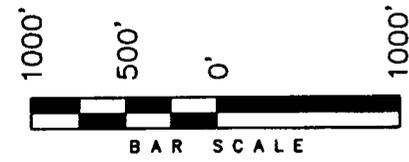
1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

May 2, 2012

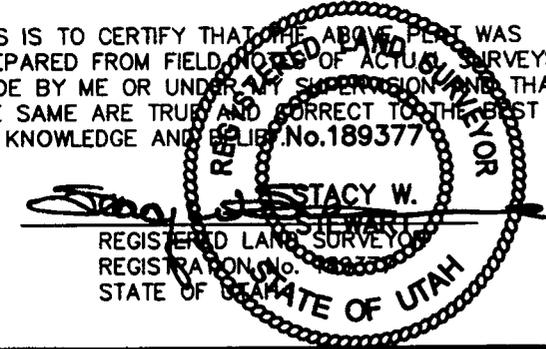
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 9-8-9-16,
 LOCATED AS SHOWN IN THE NE 1/4 SE
 1/4 OF SECTION 8, T9S, R16E, S.L.B.&M.
 DUCHESNE COUNTY, UTAH.

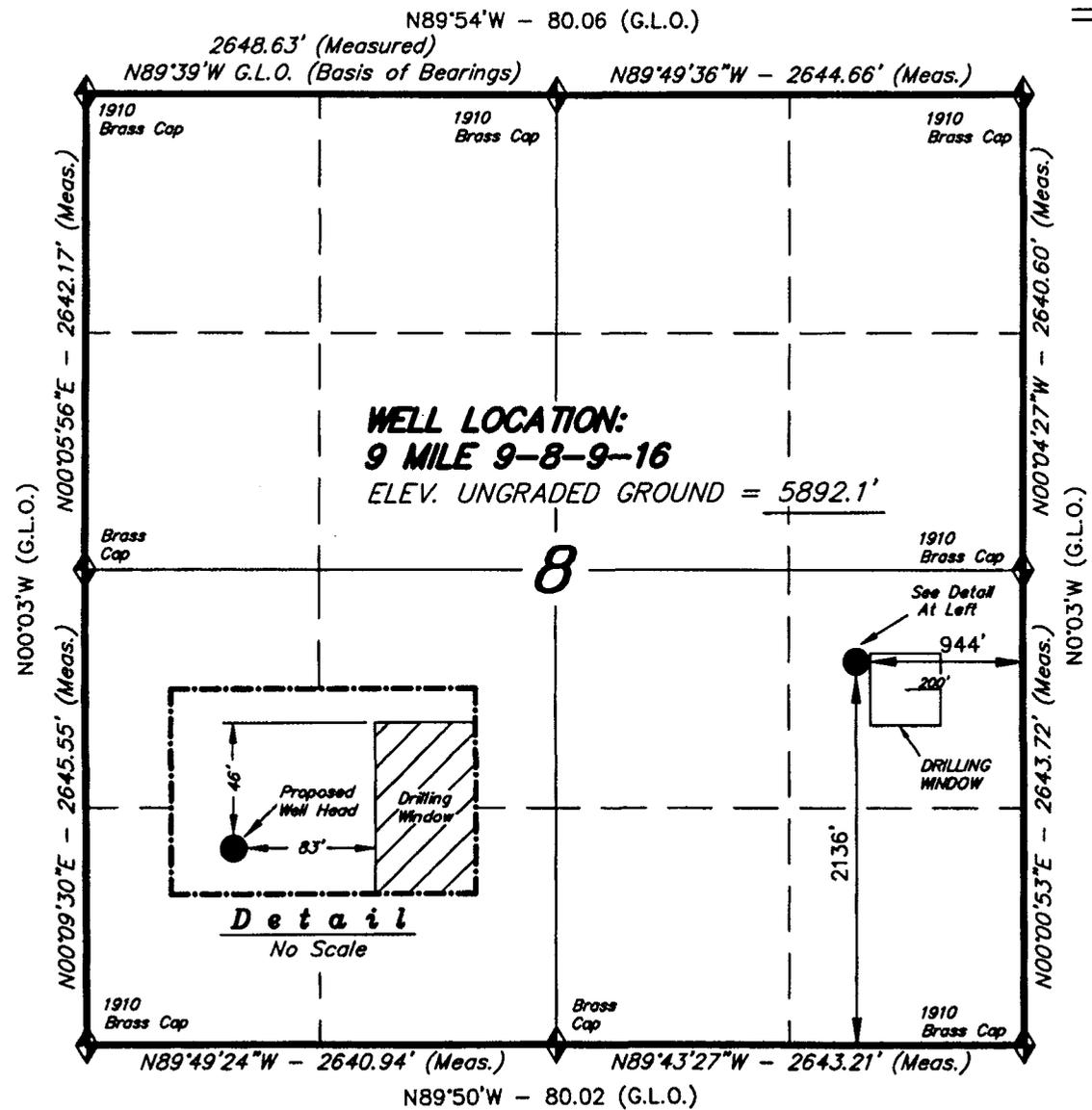


THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS
 PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
 MADE BY ME OR UNDER MY SUPERVISION AND THAT
 THE SAME ARE TRUE AND CORRECT TO THE BEST OF
 MY KNOWLEDGE AND BELIEF. No. 189377



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

DATE SURVEYED: 1-23-06	SURVEYED BY: C.M.
DATE DRAWN: 1-27-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'



◆ = SECTION CORNERS LOCATED

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

9 MILE 9-8-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 02' 38.43"
 LONGITUDE = 110° 08' 13.74"

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, LOTS 3, 4 Section 19: NE, E2NW, LOTS 1, 2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corp	USA
2	T9S-R16E SLM Section 6: All Section 7: All Section 8: W2 Section 17: NW Section 18: NE, E2NW, LOTS 1, 2	USA UTU-74390 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Corp 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: NWSW	USA UTU-85210 HBP	Newfield Production Company	USA
5	T9S-R16E SLM Section 8: N2NE	USA UTU- 020255 HBP	Newfield Production Company Newfield RMI LLC	USA

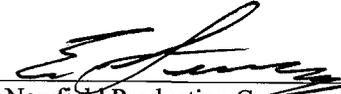
6	T9S-R16E SLM Section 9: NWNW	USA UTU- 020254 HBP	Newfield Production Company Newfield RMI LLC	USA
7	T9S-R16E SLM Section 16: All	State of Utah ML 16532 HBP	Newfield RMI LLC QEP Energy Company El Paso E&P Company LP American Petroleum Corp Brave River Production Trans Republic Resources Inc	State of Utah
8	T9S-R16E SLM Section 9: E2SW, SWSE	USA UTU-79831 HBP	Newfield Production Company Newfield RMI LLC	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #9-8-9-16

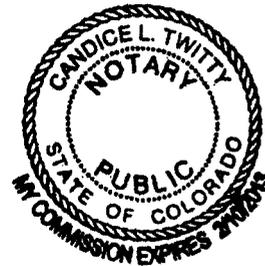
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: 
Newfield Production Company
Eric Sundberg
Regulatory Lead

Sworn to and subscribed before me this 7th day of June, 2012.

Notary Public in and for the State of Colorado: 
My Commission Expires
02/10/2013

My Commission Expires: _____



Federal 9-8-9-16

Attachment E

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

Initial Production: BOPD,
 MCFD, BWPD

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

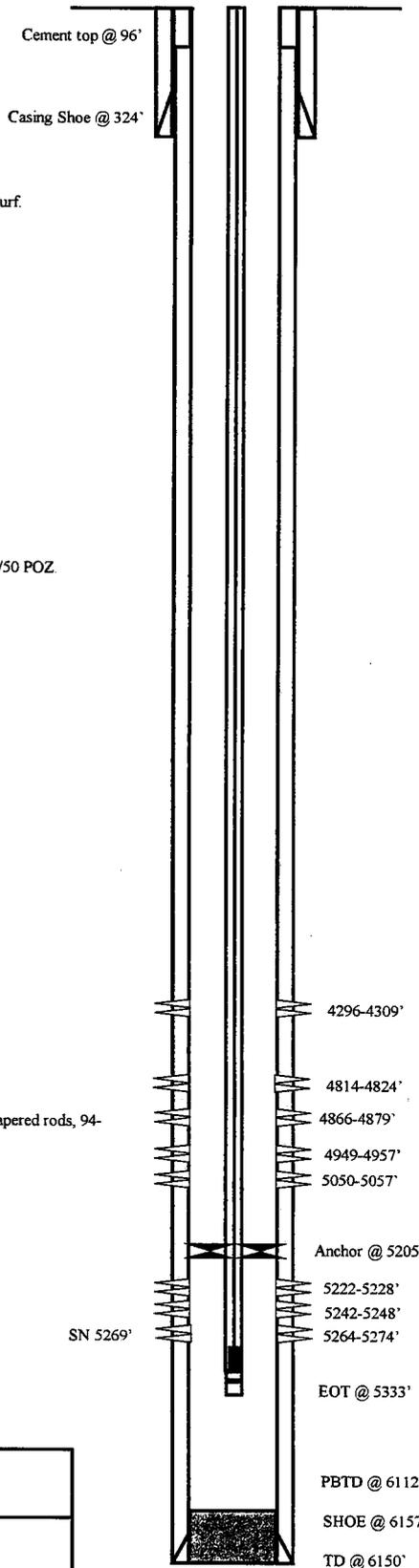
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 139 jts (6053.57')
 DEPTH LANDED: 6157.35' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 96'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 168 jts (5193.30')
 TUBING ANCHOR: 5205.30' KB
 NO. OF JOINTS: 2 jts (60.72')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5268.82' KB
 NO. OF JOINTS: 2 jts (63.08')
 TOTAL STRING LENGTH: EOT @ 5333.45' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
 SUCKER RODS: 1-8", 6', 4', 2' X 3/4" pony rods, 98- 3/4" scraped rods, 94- 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 20' RHAC w/SM plunger
 STROKE LENGTH: 120"
 PUMP SPEED, SPM: 5 SPM



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.

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

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 8-8-9-16

Attachment E-1

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

Wellbore Diagram

Initial Production: BOPD,
 MCFD, BWPD

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

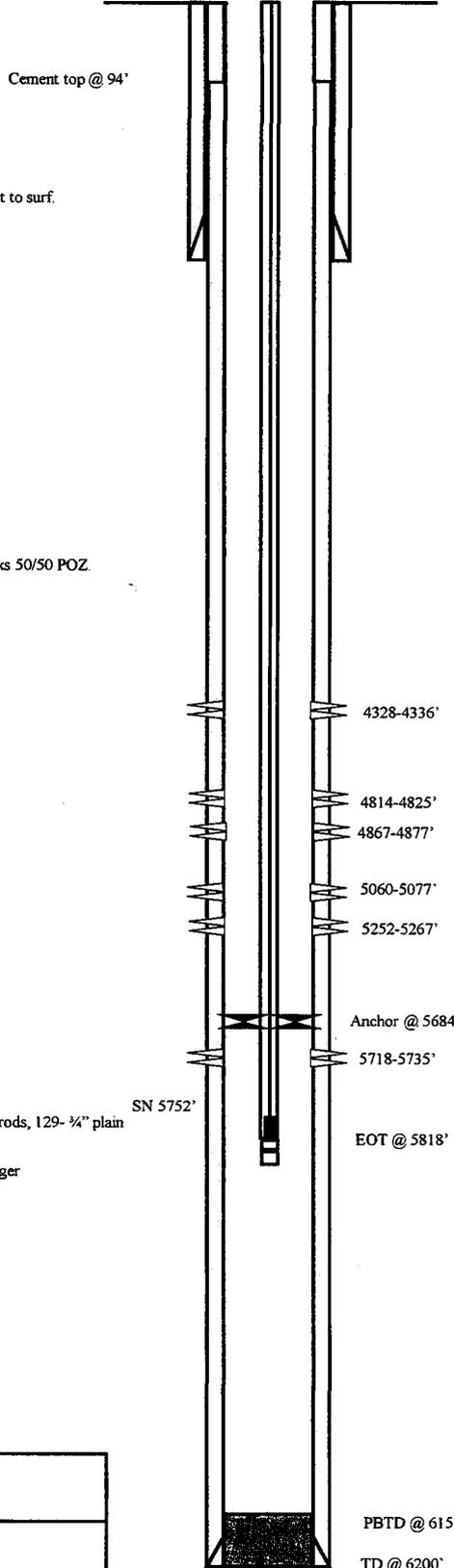
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 144 jts (6189.94')
 DEPTH LANDED: 6203.19' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 94'

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

Date	Interval	ISPF	Holes
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

Federal 7-8-9-16

Attachment E-2

Spud Date: 1-16-07
 Put on Production: 3-28-07
 GL: 5889' KB: 5901'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH 7 jts (311.5')
 DEPTH LANDED 323.35' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA 160 sxs Class "G" cmt, est 4 bbls cmt to surf

PRODUCTION CASING

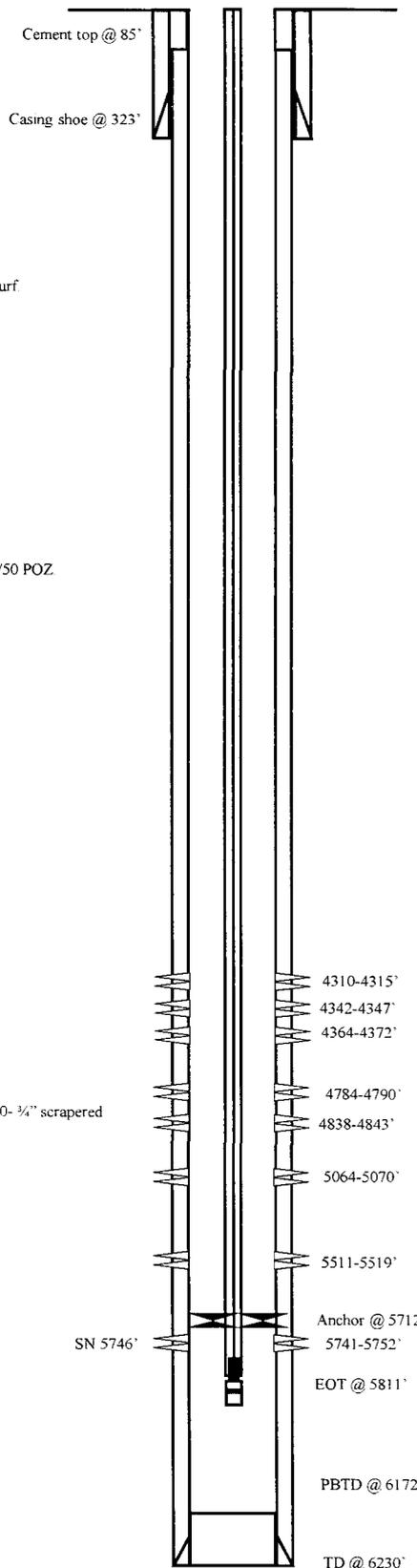
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH 141 jts (6204.07') Includes Shoe Jt (44.36')
 DEPTH LANDED: 6217.32' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ
 CEMENT TOP AT: 85'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO OF JOINTS 181 jts (5699.88')
 TUBING ANCHOR: 5711.88' KB
 NO OF JOINTS 1 jts (31.61')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5746.29' KB
 NO OF JOINTS 2 jts (63.22')
 TOTAL STRING LENGTH: EOT @ 5811' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 99- 3/4" scraped rods, 114- 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' RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM



FRAC JOB

04-19-07	5741-5752'	Frac CP1 sands as follows: 14783# 20/40 sand in 265 bbls Lightning 17 frac fluid. Treated @ avg press of 1736 psi w/avg rate of 25.2 BPM. ISIP 1660 psi. Calc flush: 5739 gal. Actual flush: 5208 gal.
04-19-07	5860-5870'	Frac LODC sands as follows: 35135# 20/40 sand in 375 bbls Lightning 17 frac fluid. Treated @ avg press of 2009 psi w/avg rate of 25.2 BPM. ISIP 2220 psi. Calc flush: 5858 gal. Actual flush: 5006 gal.
04-19-07	5064-5070'	Frac B1 sands as follows: 19832# 20/40 sand in 300 bbls Lightning 17 frac fluid. Treated @ avg press of 1820 psi w/avg rate of 25.5 BPM. ISIP 1850 psi. Calc flush: 5062 gal. Actual flush: 4553 gal.
04-19-07	4784-4843'	Frac DS3 sands as follows: 29693# 20/40 sand in 360 bbls Lightning 17 frac fluid. Treated @ avg press of 2140 w/ avg rate of 25.4 BPM. ISIP 1980 psi. Calc flush: 4782 gal. Actual flush: 4242 gal.
04-19-07	4310-4372'	Frac GB6, & GB4 sands as follows: 71931# 20/40 sand in 538 bbls Lightning 17 frac fluid. Treated @ avg press of 2566 w/ avg rate of 25.6 BPM. ISIP 1840 psi. Calc flush: 4308 gal. Actual flush: 4246 gal.

PERFORATION RECORD

04-16-07	5741-5752'	4 JSPF	44 holes
04-19-07	5511-5519'	4 JSPF	32 holes
04-19-07	5064-5070'	4 JSPF	24 holes
04-19-07	4838-4843'	4 JSPF	20 holes
04-19-07	4784-4790'	4 JSPF	24 holes
04-19-07	4364-4372'	4 JSPF	32 holes
04-19-07	4342-4347'	4 JSPF	20 holes
04-19-07	4310-4315'	4 JSPF	20 holes

NEWFIELD



Federal 7-8-9-16

2003' FNL & 2179' FEL (NW/NE)
 Section 8, T9S, R16E
 Duchesne County, Utah
 API #43-013-33056; Lease # UTU-64379

FEDERAL 10-8-9-16

Spud Date: 1/10/07
 Put on Production: 03/20/07
 GL: 5883' KB: 5895'

Initial Production: BOPD,
 MCFD, BWPD

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

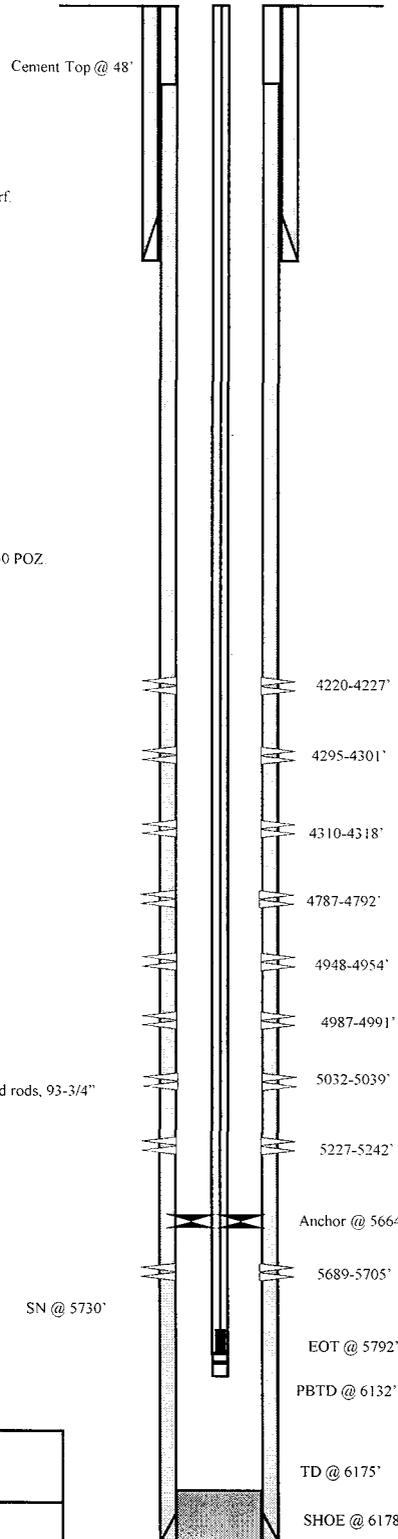
POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-2", 1-4", 1-8" x 3/4" ponies, 99-3/4" scraped rods, 93-3/4" plain rods, 30-3/4" scraped rods 6-1 1/2" weight rods.
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16" RHAC w/ sm Plunger
 STROKE LENGTH: 86"
 PUMP SPEED: 5 SPM

FRAC JOB

03/14/07	5689-5705'	Frac C₁ 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 G_{B6} 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 G_{B4} 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 #43-047-33059; 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

Initial Production: BOPD,
 MCFD, BWPD

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

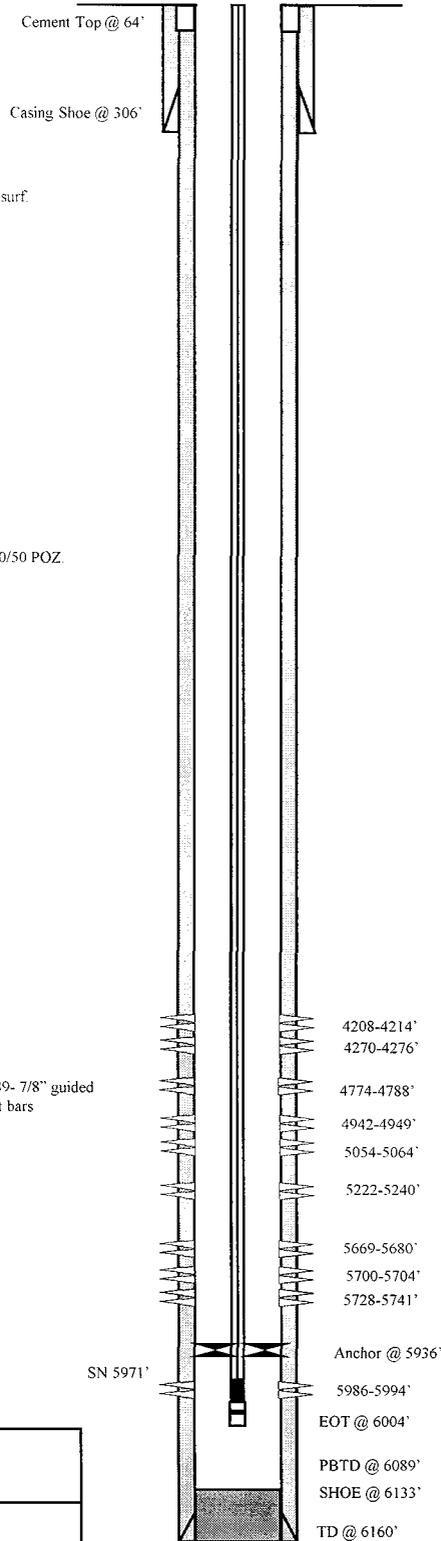
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 187 jts (5925.9')
 TUBING ANCHOR: 5935.9' KB
 NO. OF JOINTS: 1 jts (31.8')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5970.5' KB
 NO. OF JOINTS: 1 jts (31.6')
 TOTAL STRING LENGTH: EOT @ 6004' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-2" x 7/8" pony rod, 1-8" x 3/4" pony rods, 89- 7/8" guided rods, 119- 3/4" sucker rods, 23- 3/4" guided rods, 6- 1 1/2" weight bars
 PUMP SIZE: 2-1/2" x 1-1/2" x 14" x 16" RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5

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: 4578gal.
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.



PERFORATION RECORD

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 16-8-9-18

Spud Date: 4-6-06
 Put on Production: 6-29-06
 GL: 5035' KB: 5047'

Initial Production: BOPD,
 MCFD. BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (302.92')
 DEPTH LANDED: 314.77' 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: 135 jts (5822.94')
 DEPTH LANDED: 5836.19' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.
 CEMENT TOP AT: 340'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 176 jts (5559.84')
 TUBING ANCHOR: 5569.84' KB
 NO. OF JOINTS: 1 jts (31.53')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5604.17' KB
 NO. OF JOINTS: 2 jts (63.26')
 TOTAL STRING LENGTH: EOT @ 5668.98' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 2-4' x 3/4" pony rods, 100- 3/4" scraped rods, 89- 3/4" plain rods, 29- 3/4" scraped rods, 6- 1 1/2" weight bars
 PUMP SIZE: 2-1/2" x 1-1/2" x 16" RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM

FRAC JOB

06-26-06 5467-5581' **Frac CP5, CP4, & CP3 sands as follows:**
 40552# 20/40 sand in 442 bbls Lightning 17 frac fluid. Treated @ avg press of 1398 psi w/avg rate of 25.2 BPM. ISIP 1120 psi. Calc flush: 5465 gal. Actual flush: 4998 gal

06-26-06 5306-5338' **Frac CP.5. & CP1 sands as follows:**
 35025# 20/40 sand in 389 bbls Lightning 17 frac fluid. Treated @ avg press of 1372 psi w/avg rate of 25.3 BPM. ISIP 1310 psi. Calc flush: 5304 gal. Actual flush: 4788 gal.

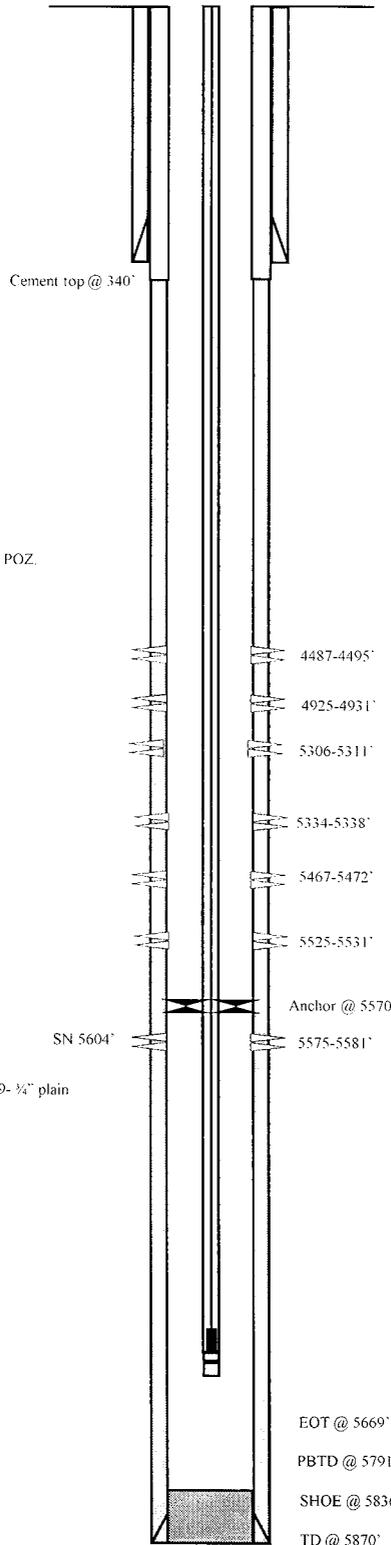
06-26-06 4925-4931' **Frac A .5 sands as follows:**
 20000# 20/40 sand in 302 bbls Lightning 17 frac fluid. Treated @ avg press of 1867 psi w/avg rate of 25.3 BPM. ISIP 1600 psi. Calc flush: 4923 gal. Actual flush: 4410 gal.

06-26-06 4487-4495' **Frac DS2 sands as follows:**
 36034# 20/40 sand in 400 bbls Lightning 17 frac fluid. Treated @ avg press of 1737 w/ avg rate of 11.6 BPM. ISIP 1855 psi. Calc flush: 4485 gal. Actual flush: 4410 gal.

11-02-06 **Parted rods:** Update rod and tubing details.
 04-13-07 **Pump Change:** Updated rod and tubing detail.

PERFORATION RECORD

06-20-06	5575-5581'	4 JSPF	24 holes
06-20-06	5525-5581'	4 JSPF	36 holes
06-20-06	5467-5472'	4 JSPF	20 holes
06-26-06	5334-5338'	4 JSPF	16 holes
06-26-06	5306-5311'	4 JSPF	20 holes
06-26-06	4925-4931'	4 JSPF	24 holes
06-26-06	4487-4495'	4 JSPF	32 holes





Federal 16-8-9-18
 661' FSL & 660' FEL
 SE/SE Section 8-T9S-R18E
 Uintah Co, Utah
 API #43-047-36122; Lease #UTU-16540

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

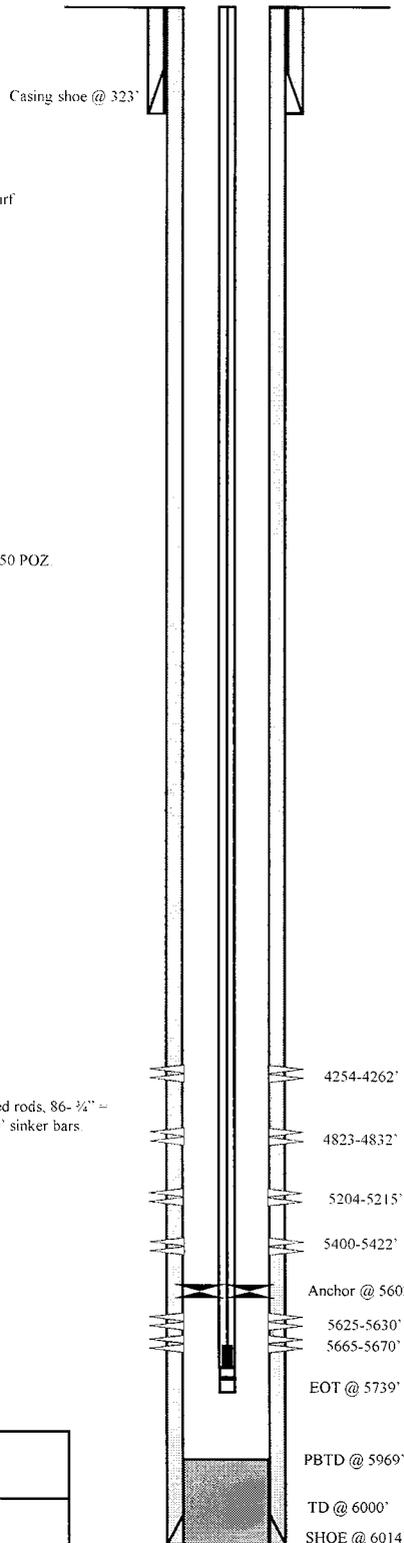
POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 1 x 3/4" = 4' pony rod, 89- 3/4" = 2250' guided rods, 86- 3/4" = 2150' sucker rods, 44- 3/4" = 1100' guided rods, 6- 1 1/2" = 150' sinker bars
 PUMP SIZE: CDI 2-1/2" x 1-1/4" x 16' x 20' RHAC
 STROKE LENGTH: 102"
 PUMP SPEED, SPM: 5

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 12-9-9-16

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

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

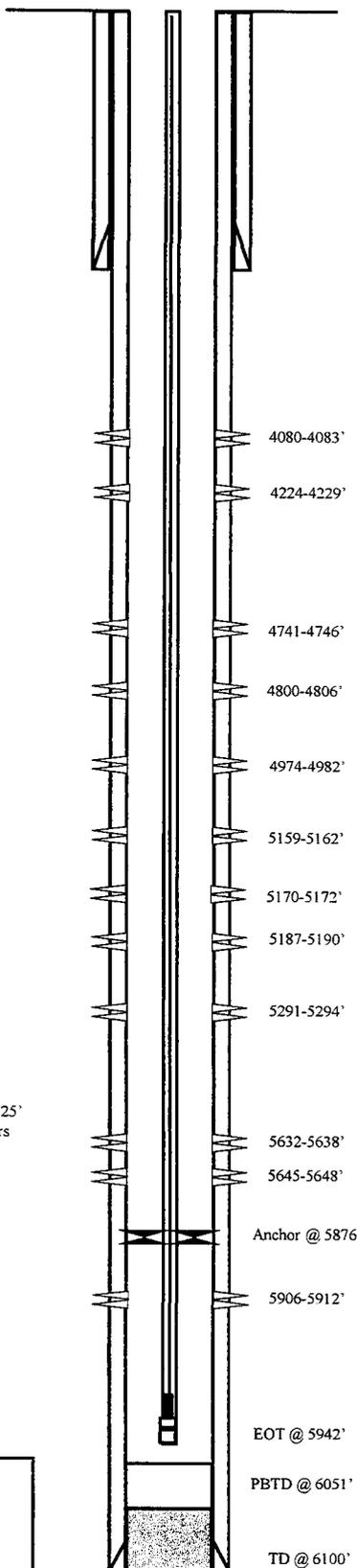
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 155 jts (6039')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 6093' 01"
 CEMENT DATA: 265 sk Prem Lite II mixed & 400 sxs 50/50 POZ
 CEMENT TOP AT: 40'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO OF JOINTS 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 @ 5941.25'

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



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



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

Initial Production: BOPD,
MCFD, BWPD

GL: 5789' KB: 5801'

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

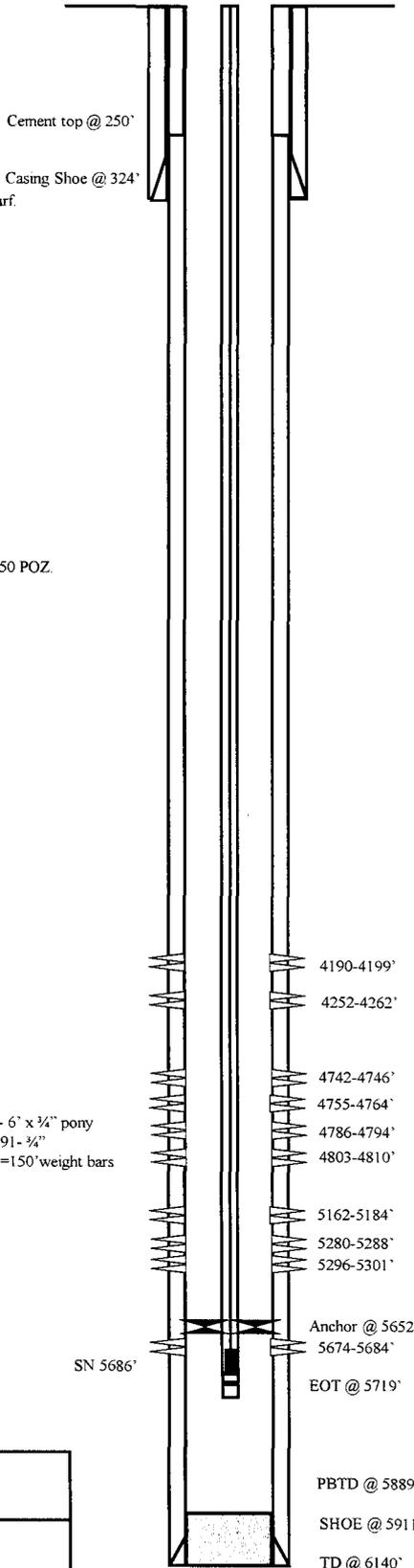
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 183 jts (5639.6')
TUBING ANCHOR: 5651.6' KB
NO. OF JOINTS: 1 jts (31.5')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5686.0' KB
NO. OF JOINTS: 1 jts (31.6')
TOTAL STRING LENGTH: EOT @ 5719' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' polished rod
SUCKER RODS: 1-2' x 3/4" pony rod, 1-4' x 3/4" pony rods, 1-6' x 3/4" pony rod, 1-8' x 3/4" pony rod, 100-3/4" = 2500' guided rods (4 per), 91-3/4" = 2275' sucker rods, 30-3/4" = 750' guided rods (4 per), 6-1 1/2" = 150' weight bars
PUMP SIZE: 2-1/2" x 1-1/4" x 17' x 20' RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5

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



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.

PERFORATION RECORD

Date	Interval	ISPF	Holes
04-24-07	5674-5684'	4 JSPF	40 holes
04-30-07	5296-5301'	4 JSPF	20 holes
04-30-07	5280-5288'	4 JSPF	32 holes
04-30-07	5162-5184'	4 JSPF	88 holes
04-30-07	4803-4810'	4 JSPF	28 holes
04-30-07	4786-4794'	4 JSPF	32 holes
04-30-07	4755-4764'	4 JSPF	36 holes
04-30-07	4742-4746'	4 JSPF	16 holes
04-30-07	4252-4262'	4 JSPF	40 holes
04-30-07	4190-4199'	4 JSPF	36 holes

Spud Date: 3/17/96
 Put on Production: 4/19/96
 Put on Injection: 3/10/02
 GL: 5811' KB: 5828'

Monument Federal #41-8-9-16

Initial Production: 100 BOPD, 0 MCFD
 15 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6 JTS
 DEPTH LANDED: 260'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx Class "G" cmt w/2% CaCl & 1/4#/sx cello flakes

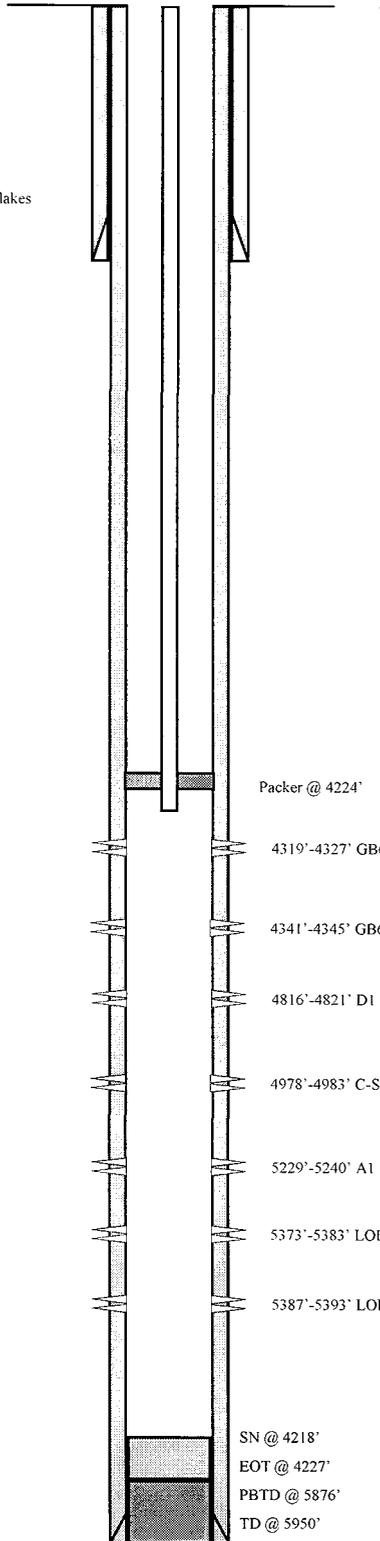
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 134 jts (5856.58')
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sx Super "G" & 350 sx Poz 50/50
 SET AT: 5919.18' KB

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
 NO. OF JOINTS: 131 jts. (4201.84')
 SEATING NIPPLE: 2-7/8"
 SN LANDED AT: 4218.84'
 PACKER: 4224.14'
 TOTAL STRING LENGTH: EOT @ 4227.25'

Injection Wellbore
 Diagram



FRAC JOB

4-1-96 5229'-5240' **Frac sand as follows:**
 19,698 gals 2% KCL wtr, 26,280# 20/40 sand and 42,600# 16/30 sand. ATP: 2050 psi, ATR: 30.8 bpm, ISIP: 4400 psi, 5 min: 1690 psi, 10 min: 1410 psi, 15 min: 1320 psi. Used 469 bbls wtr. Screen out w/61.655# sand on formation.

4-4-96 4816'-4983' **Frac sand as follows:**
 18,942 gals 2% KCL gelled wtr and 60,100# 16/30 sd. ATP = 3700 psi, ATR = 34 bpm, ISIP = 5100 psi, 5 min: 1650 psi, 10 min: 1460 psi, 15 min: 1400 psi. Used 451 bbls wtr. Screen out w/51,207# sand on formation. Flow back 1 bpm. 1-1/2 hrs = 90 bbls flow back.

3/08/02 **Convert to injector. Update tubing details.**

2/21/07 **5 Year MIT completed and submitted.**

PERFORATION RECORD

Date	Interval	Type	Holes
3/27/96	5229'-5240'	4 JSPF	44 holes
4/03/96	4978'-4983'		7 holes
4/03/96	4816'-4821'		7 holes
3/04/02	5387'-5393'	4 JSPF	24 holes
3/04/02	5373'-5383'	4 JSPF	40 holes
3/04/02	4341'-4345'	4 JSPF	16 holes
3/04/02	4319'-4327'	4 JSPF	32 holes



Monument Federal #41-8-9-16
 806 FNL & 605 FEL
 NENE Section 8-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31619; Lease #U-020255

West Point 6-8-9-16

Spud Date: 11/10/2001
 Put on Production: 12/18/2001
 GL: 5886' KB: 5896'

Initial Production: 160 BOPD,
 253 MCFD, 45 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (303.45')
 DEPTH LANDED: 311.45'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs Class "C" cmt, est 1 bbl cmt to surf.

Cement Top @ 95'
 Casing shoe @ 311'

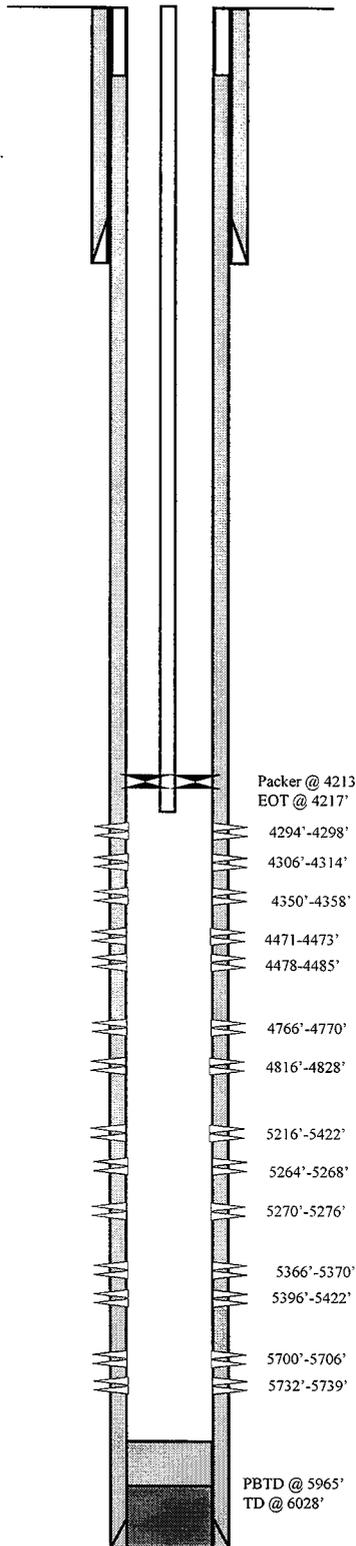
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts. (5999.71')
 DEPTH LANDED: 5997.21'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 275 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 95' per CBL.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 129 jts (4199')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4209' KB
 CE @ 4213.37'
 TOTAL STRING LENGTH: EOT @ 4217'

Injection Wellbore
 Diagram



FRAC JOB

12/6/01 5700'-5739' **Frac CP sand as follows:**
 50,505# 20/40 sand in 433 bbls Viking I-25 fluid. Treated @ avg press of 1950 psi w/avg rate of 25.7 BPM. ISIP 2150 psi. Calc. flush 5700 gal: Act. flush 5628 gal.

12/7/01 5216'-5422' **Frac LODC/A sand as follows:**
 163,131# 20/40 sand in 1100 bbls Viking I-25 fluid. Treated @ avg press of 2210 psi w/avg rate of 26 BPM. ISIP 2275 psi. Calc. flush 5216 gal: Act. flush 5145 gal. Flowed 9.5 hr. then died.

12/10/01 4766'-4828' **Frac D sand as follows:**
 64,699# 20/40 sand in 521 bbls Viking I-25 fluid. Treated @ avg press of 1775 psi w/avg rate of 25.6 BPM. ISIP 1900 psi. Calc. flush 4766 gal: Act. flush 4897 gal. Flowed 5.5 hr. then died.

12/11/01 4294'-4358' **Frac GB sand as follows:**
 83,741# 20/40 sand in 539 bbls Viking I-25 fluid. Treated @ avg press of 1850 psi w/avg rate of 25.6 BPM. ISIP 221 psi. Calc. flush 4294 gal: Act. flush 4200 gal. Flowed 8 hr. then died.

02/17/11 4471'-4485' **Frac PB8 sand as follows:** 42601# 20/40 sand in 378 bbls Lighting 17 fluid.

02/23/11 **Recompletion finalized** - updated tbg and rod details

05/04/11 **Conversion to Injection Well**

05/19/11 **Conversion MIT Finalized** - tbg detail updated

PERFORATION RECORD

Date	Depth Range	Number of Holes	Notes
12/06/01	5732'-5739'	4	JSPF 28 holes
12/06/01	5700'-5706'	4	JSPF 24 holes
12/07/01	5396'-5422'	4	JSPF 104 holes
12/07/01	5366'-5370'	4	JSPF 16 holes
12/07/01	5270'-5276'	4	JSPF 24 holes
12/07/01	5264'-5268'	4	JSPF 16 holes
12/07/01	5216'-5222'	4	JSPF 24 holes
12/10/01	4816'-4828'	4	JSPF 48 holes
12/10/01	4766'-4770'	4	JSPF 16 holes
12/11/01	4350'-4358'	4	JSPF 32 holes
12/11/01	4306'-4314'	4	JSPF 32 holes
12/11/01	4294'-4298'	4	JSPF 16 holes
02/17/11	4478'-4485'	3	JSPF 21 holes
02/17/11	4471'-4473'	3	JSPF 6 holes



West Point 6-8-9-16
 2048' FNL & 2104' FWL
 SENW Section 8-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32282; Lease #UTU-74390

West Point #11-8-9-16

Spud Date: 11/20/2001
 Put on Production: 1/10/2002
 GL: 5922' KB: 5932'

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (298.45')
 DEPTH LANDED: 306.45'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs Class "G" cmt, est 4 bbl cmt to surface.

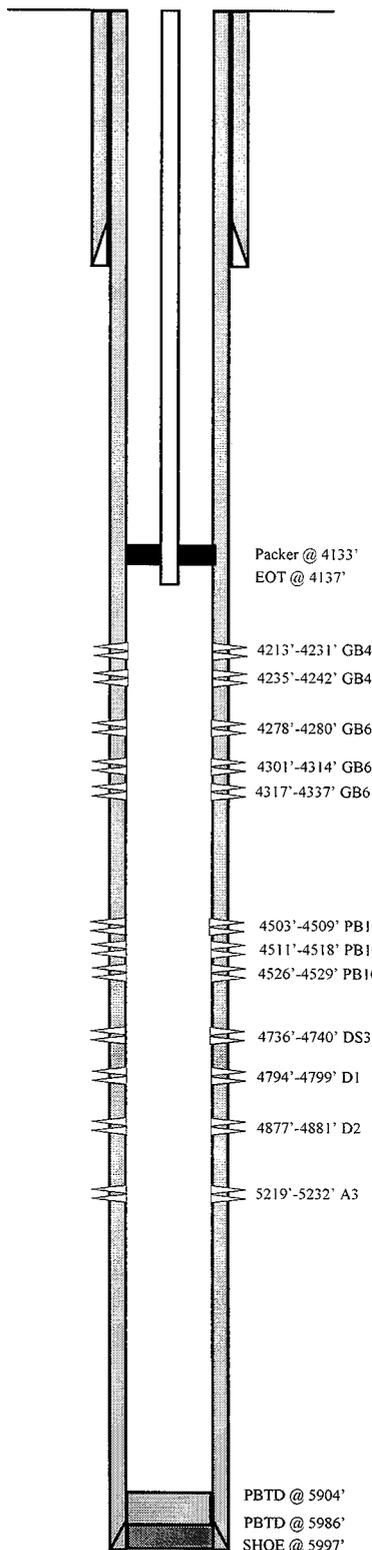
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 144 jts. (6006.41')
 DEPTH LANDED: 5996.97'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 275 sk Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: Surface

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 128 jts (4118.67')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4128.67' KB
 PACKER: 4132.98'
 TOTAL STRING LENGTH: EOT @ 4137.08'

Injection Wellbore Diagram



FRAC JOB

1/3/02 5219-5232' **Frac A-3 sand as follows:**
 38,000# 20/40 sand in 347 bbls Viking 1-25 fluid. Treated @ avg press of 2200 psi w/avg rate of 28.5 BPM. ISIP 2180 psi. Calc. flush: 5219 gal., Act. flush: 5166 gal.

1/3/02 4736'-4881' **Frac D-1, D-2 sand as follows:**
 41,610# 20/40 sand in 385 bbls Viking 1-25 fluid. Treated @ avg press of 1950 psi w/avg rate of 28.5 BPM. ISIP 2020 psi. Calc. flush: 4794 gal., Act. flush: 4662 gal.

1/3/02 4213'-4337' **Frac GB sand as follows:**
 193,610# 20/40 sand in 1267 bbls Viking 1-25 fluid. Treated @ avg press of 1950 psi w/avg rate of 28.5 BPM. ISIP 2050 psi. Calc. flush: 4213 gal., Act. flush: 4116 gal.

4/25/03 Stuck Pump. Update rod details.
 4/21/04 Converted to injector. Ready for MIT.
 4/1/09 **5 Year MIT completed and submitted.**

PERFORATION RECORD

Date	Depth Range	Code	Holes
1/2/02	5219'-5232'	4 JSPF	32 holes
1/3/02	4877'-4881'	4 JSPF	16 holes
1/3/02	4794'-4799'	4 JSPF	20 holes
1/3/02	4736'-4740'	4 JSPF	16 holes
1/3/02	4526'-4529'	4 JSPF	12 holes
1/3/02	4511'-4518'	4 JSPF	28 holes
1/3/02	4503'-4509'	4 JSPF	24 holes
1/3/02	4317'-4337'	4 JSPF	80 holes
1/3/02	4301'-4314'	4 JSPF	52 holes
1/3/02	4278'-4280'	4 JSPF	08 holes
1/3/02	4235'-4242'	4 JSPF	28 holes
1/3/02	4213'-4231'	4 JSPF	72 holes
4/20/04	5802'-5816'	4 JSPF	56 holes
4/20/04	5660'-5664'	4 JSPF	16 holes



West Point #11-8-9-16
 1919' FSL & 1797' FWL
 NE/SW Section 8-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32285; Lease #UTU-74390

PBTD @ 5904'
 PBTB @ 5986'
 SHOE @ 5997'
 TD @ 6009'

Federal 16-8-9-16

Spud Date: 02/06/07
 Put on Production: 03/21/07
 K.B.: 5876, G.L.: 5864

Initial Production: BOPD,
 MCFD, BWPD

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 bbbs 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

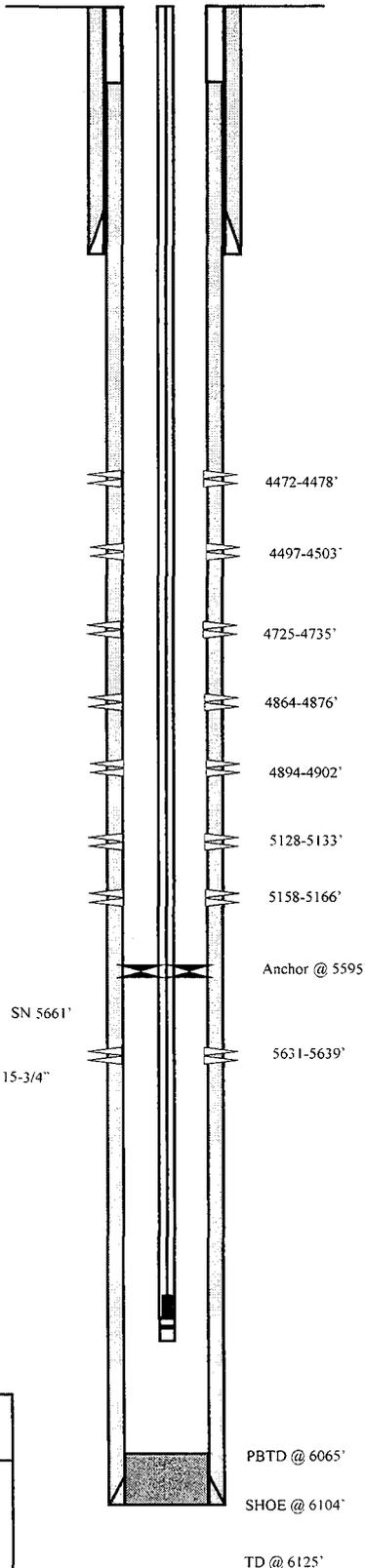
TUBING

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



FRAC JOB

03/13/07	5627-5732'	Frac CP2, sands as follows: 26883# 20/40 sand in 357 bbbs 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 347bbbs Lightning 17 frac fluid. Treated @ avg press of 2094psi 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 bbbs 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 bbbs 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 bbbs 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

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
 Well Name: **SWDIF**
 Sample Point: **After production filter**
 Sample Date: **12/9/2011**
 Sample ID: **WA-204150**

Sales Rep: **Darren Betts**
 Lab Tech: **Gary Peterson**

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

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations		Anions	
		mg/L		mg/L	
Test Date:	12/9/2011	Sodium (Na):	6799.09	Chloride (Cl):	10000.00
System Temperature 1 (°F):	300.00	Potassium (K):	26.10	Sulfate (SO4):	2.00
System Pressure 1 (psig):	3000.00	Magnesium (Mg):	9.40	Bicarbonate (HCO3):	1024.80
System Temperature 2 (°F):	70.00	Calcium (Ca):	26.80	Carbonate (CO3):	0.00
System Pressure 2 (psig):	14.70	Strontium (Sr):	0.00	Acetic Acid (CH3COO)	0.00
Calculated Density (g/ml):	1.01	Barium (Ba):	24.20	Propionic Acid (C2H5COO)	0.00
pH:	8.20	Iron (Fe):	0.47	Butanoic Acid (C3H7COO)	0.00
Calculated TDS (mg/L):	17913.62	Zinc (Zn):	0.00	Isobutyric Acid ((CH3)2CHCOO)	0.00
CO2 in Gas (%):	0.00	Lead (Pb):	0.70	Fluoride (F):	0.00
Dissolved CO2 (mg/L):	0.00	Ammonia NH3:	0.00	Bromine (Br):	0.00
H2S in Gas (%):	0.00	Manganese (Mn):	0.06	Silica (SiO2):	0.00
H2S in Water (mg/L):	10.00				

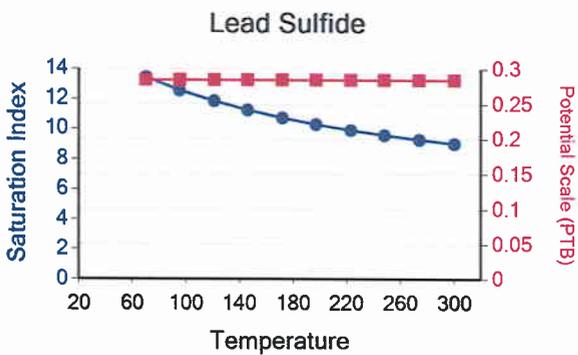
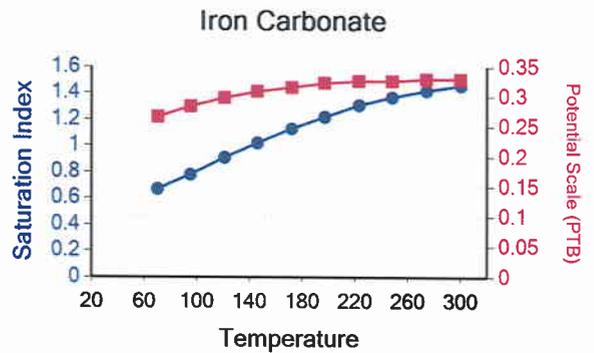
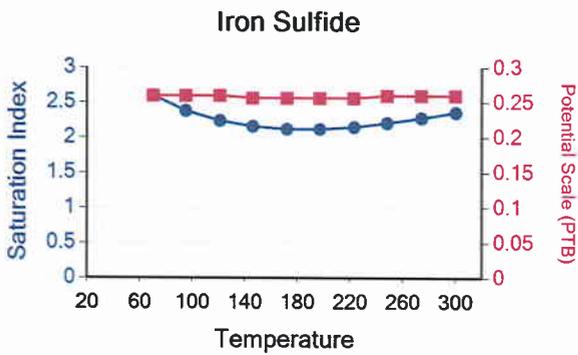
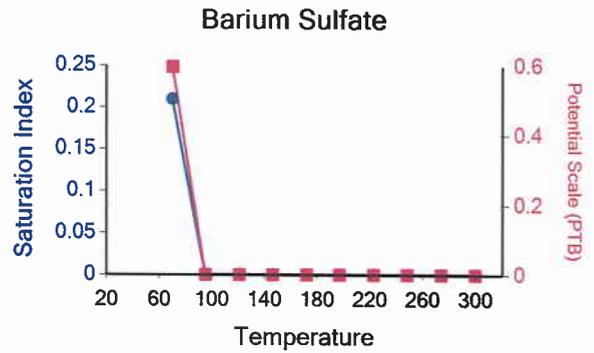
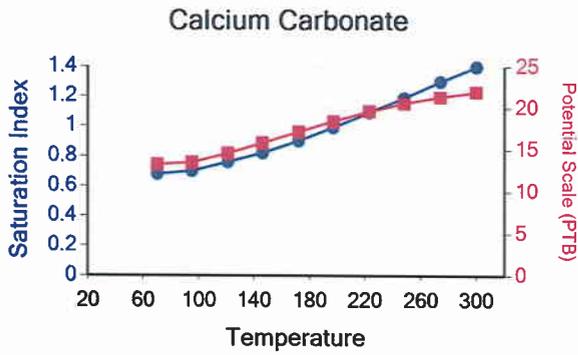
Notes:

(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
70	14	0.68	13.26	0.21	0.60	2.60	0.26	0.67	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.70	13.48	0.00	0.00	2.38	0.26	0.78	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.76	14.55	0.00	0.00	2.24	0.26	0.91	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.82	15.79	0.00	0.00	2.16	0.26	1.02	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.90	17.10	0.00	0.00	2.12	0.26	1.13	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.99	18.39	0.00	0.00	2.12	0.26	1.22	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	1.09	19.55	0.00	0.00	2.15	0.26	1.31	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	1.19	20.54	0.00	0.00	2.21	0.26	1.37	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	1.30	21.32	0.00	0.00	2.28	0.26	1.42	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	1.40	21.90	0.00	0.00	2.36	0.26	1.46	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Temp (°F)	PSI	Hemihydrate CaSO4~0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.45	0.28	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.59	0.28	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.89	0.28	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.28	0.28	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.76	0.28	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.32	0.28	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.93	0.28	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.60	0.28	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.30	0.28	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.03	0.28	0.00	0.00	0.00	0.00	0.00	0.00

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



Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
 Well Name: **FEDERAL 9-8-9-16**
 Sample Point: **Treater**
 Sample Date: **5/20/2012**
 Sample ID: **WA-214852**

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

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

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations		Anions	
		mg/L		mg/L	
Test Date:	5/29/2012	Sodium (Na):	3703.82	Chloride (Cl):	5200.00
System Temperature 1 (°F):	120.00	Potassium (K):	28.00	Sulfate (SO ₄):	34.00
System Pressure 1 (psig):	60.0000	Magnesium (Mg):	5.20	Bicarbonate (HCO ₃):	976.00
System Temperature 2 (°F):	185.00	Calcium (Ca):	19.50	Carbonate (CO ₃):	0.00
System Pressure 2 (psig):	60.0000	Strontium (Sr):	0.00	Acetic Acid (CH ₃ COO)	0.00
Calculated Density (g/ml):	1.004	Barium (Ba):	7.50	Propionic Acid (C ₂ H ₅ COO)	0.00
pH:	8.10	Iron (Fe):	1.06	Butanoic Acid (C ₃ H ₇ COO)	0.00
Calculated TDS (mg/L):	9975.28	Zinc (Zn):	0.03	Isobutyric Acid ((CH ₃) ₂ CHCOO)	0.00
CO ₂ in Gas (%):	0.00	Lead (Pb):	0.08	Fluoride (F):	
Dissolved CO ₂ (mg/L):	0.00	Ammonia NH ₃ :		Bromine (Br):	
H ₂ S in Gas (%):	0.00	Manganese (Mn):	0.10	Silica (SiO ₂):	
H ₂ S in Water (mg/L):	0.00				

Notes:

(PTB = Pounds per Thousand Barrels)

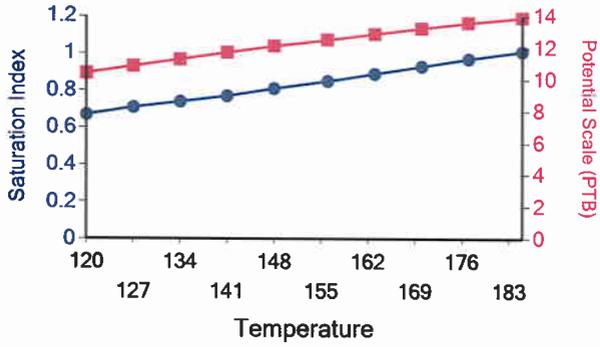
Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ ·2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
185.00	60.00	1.01	13.91	0.52	2.97	0.00	0.00	1.78	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.00	60.00	0.97	13.59	0.54	3.02	0.00	0.00	1.73	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	0.93	13.24	0.56	3.08	0.00	0.00	1.69	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163.00	60.00	0.89	12.87	0.58	3.15	0.00	0.00	1.64	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156.00	60.00	0.85	12.49	0.60	3.22	0.00	0.00	1.59	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148.00	60.00	0.81	12.09	0.63	3.29	0.00	0.00	1.54	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141.00	60.00	0.77	11.68	0.66	3.37	0.00	0.00	1.50	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134.00	60.00	0.74	11.27	0.70	3.45	0.00	0.00	1.45	0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.00	60.00	0.71	10.84	0.73	3.53	0.00	0.00	1.40	0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	0.67	10.42	0.77	3.61	0.00	0.00	1.35	0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Temp (°F)	PSI	Hemihydrate CaSO ₄ ·0.5H ₂ O		Anhydrate CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
185.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	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	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163.00	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
156.00	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
148.00	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
141.00	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
134.00	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
127.00	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

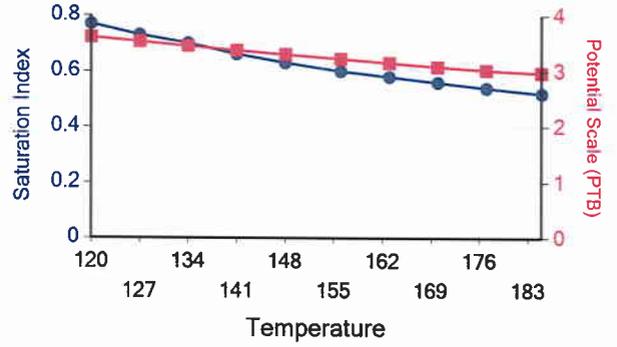
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Carbonate Zinc Carbonate

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

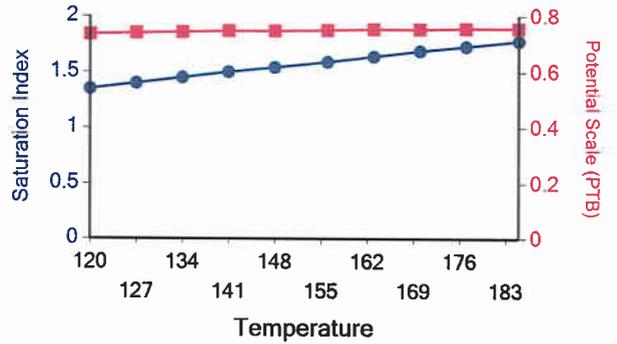
Calcium Carbonate



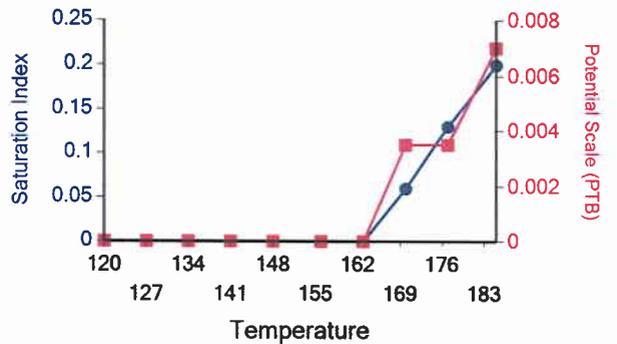
Barium Sulfate



Iron Carbonate



Zinc Carbonate



Attachment "G"

**Federal #9-8-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5222	5274	5248	2198	0.85	2164
5050	5057	5054	1903	0.81	1870 ←
4949	4957	4953	3687	1.18	3655
4814	4879	4847	2118	0.87	2087
4296	4309	4303	1958	0.89	1930
				Minimum	<u><u>1870</u></u>

Calculation of Maximum Surface Injection Pressure

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

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

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



1 of 8

DAILY COMPLETION REPORT

WELL NAME: Federal 9-8-9-16 Report Date: 4-14-07 Day: 01
Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 323' Prod Csg: 5-1/2" @ 6157' Csg PBTD: 6074"WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Includes entries for A1 sds and A3 sds with corresponding perforation ranges and shot counts.

CHRONOLOGICAL OPERATIONS

Date Work Performed: 13-Apr-07 SITP: SICP: 0

Instal 5K frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6074' & cement top @ 96'. Perforate stage #1, A3 sds @ 5264-74', A1 sds @ 5242-48', 5222-28' w/ 3-1/8" Slick Guns (19 gram, .49"HE 120) w/ 4 spf for total of 88 shots. 145 bbls EWTR. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 145 Starting oil rec to date:
Fluid lost/recovered today: 0 Oil lost/recovered today:
Ending fluid to be recovered: 145 Cum oil recovered:
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

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

COSTS

- Weatherford BOP
NPC NU crew
NDSI trucking
Perforators LLC
Drilling cost
D&M Hot Oil
Location preparation
NPC wellhead
Benco - anchors
Admin. Overhead
NPC Supervisor

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

Completion Supervisor: Ron Shuck

DAILY COST: \$0
TOTAL WELL COST:



2 of 8

DAILY COMPLETION REPORT

WELL NAME: Federal 9-8-9-16 **Report Date:** 4-20-07 **Day:** 2a
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 323' **Prod Csg:** 5-1/2" @ 6157' **Csg PBTD:** 6074"WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** _____

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			A1 sds	5242-5248'	4/24
			A3 sds	5264-5274'	4/40
A1 sds	5222-5228'	4/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 19-Apr-07 **SITP:** _____ **SICP:** 0

Day2a.
 RU BJ Services "Ram Head" frac flange. RU BJ & frac A sds, stage #1 down casing w/ 100,620#'s of 20/40 sand in 712 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 1767 psi. Treated @ ave pressure of 1866 w/ ave rate of 25.2 w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in plush for next stage. ISIP was 2198. 857 bbls EWTR. Leave pressure on well. **See day2b.**

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 145 **Starting oil rec to date:** _____
Fluid lost/recovered today: 712 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 857 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac

Company: BJ Services

Procedure or Equipment detail: A1 & A3 sds down casing

- _____ 7518 gals of pad
- _____ 5000 gals w/ 1-5 ppg of 20/40 sand
- _____ 10000 gals w/ 5-8 ppg of 20/40 sand
- _____ 2136 gals w/ 8 ppg of 20/40 sand
- _____ 504 gals of 15% HCL acid
- _____ Flush w/ 4746 gals of slick water

****Flush called @ blender to include 2 bbls pump/line volume****

Max TP: 2152 **Max Rate:** 25.5 **Total fluid pmpd:** 712 bbls

Avg TP: 1866 **Avg Rate:** 25.2 **Total Prop pmpd:** 100,620#'s

ISIP: 2198 **5 min:** _____ **10 min:** _____ **FG:** .85

Completion Supervisor: Ron Shuck

COSTS

- _____ Weatherford Services
- _____ C-D trkg frac water
- _____ NPC fuel gas
- _____ BJ Services A sds
- _____ NPC Supervisor

DAILY COST: _____ \$0

TOTAL WELL COST: _____ \$0



3 of 8

DAILY COMPLETION REPORT

WELL NAME: Federal 9-8-9-16 **Report Date:** 4-20-07 **Day:** 2b
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 323' **Prod Csg:** 5-1/2" @ 6157' **Csg PBTD:** 6074"WL
Tbg: Size: _____ Wt: _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** 5160'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			A1 sds	5242-5248'	4/24
			A3 sds	5264-5274'	4/40
B1 sds	5050-5057'	4/28			
A1 sds	5222-5228'	4/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 19-Apr-07 **SITP:** _____ **SICP:** 0

Day2b.

RU Lone Wolf WLT, crane & lubricator. RIH W Weatherford 5-1/2" composite (solid 6K) frac plug & 7' perf gun. Se plug @ 5160' Perforate B1 sds @ 5050-57' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 spf for total of 28 shots RU BJ & perfs won't break down. RIH & spot 12 bbls of 15% HCL acid on perfs. RU BJ & frac stage #2 w/ 24,901#'s of 20/40 sand in 341 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 3420 psi Treated @ ave pressure of 1844 w/ ave rate of 25.6 w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in plush for next stage. ISIP was 1903. 1198 bbls EWTR. Leave pressure on well. **See day2c.**

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 857 **Starting oil rec to date:** _____
Fluid lost/recovered today: 341 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1198 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services
Procedure or Equipment detail: B1 sds down casing
1008 gals to cross link
2520 gals of pad
1915 gals w/ 1-4 ppg of 20/40 sand
3797 gals w/ 4-6.5 ppg of 20/40 sand
504 gals of 15% HCL acid
Flush w/ 4578 gals of slick water

COSTS

Weatherford Services
C-D trkg frac water
NPC fuel gas
BJ Services B1 sds
Lone Wolf B1 sds

****Flush called @ blender to include 2 bbls pump/line volume****

Max TP: 2210 **Max Rate:** 25.6 **Total fluid pmpd:** 341 bbls
Avg TP: 1844 **Avg Rate:** 25.6 **Total Prop pmpd:** 24,901#'s
ISIP: 1903 **5 min:** _____ **10 min:** _____ **FG:** .81

Completion Supervisor: Ron Shuck

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



4 of 8

DAILY COMPLETION REPORT

WELL NAME: Federal 9-8-9-16 Report Date: 4-20-07 Day: 2c
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 323' Prod Csg: 5-1/2" @ 6157' Csg PBTD: 6074"WL
 Tbg: Size: _____ Wt: _____ Grd: _____ Pkr/EOT @: _____ BP/Sand PBTD: 5000'
 Plug 5160'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			A1 sds	5242-5248'	4/24
			A3 sds	5264-5274'	4/40
C sds	4949-4957'	4/32			
B1 sds	5050-5057'	4/28			
A1 sds	5222-5228'	4/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 19-Apr-07 SITP: _____ SICP: 0

Day2c.

RU WLT. RIH w/ (solid 6K) frac plug & 8' perf gun. Set plug @ 5000' Perforate C sds @ 4949-57' w/ 4 spf for total of 32 shots. RU BJ & perfs won't break down. RIH & spot 12 bbls of 15% HCL acid on perfs. RU BJ & frac stage 3# w/ 15,025#'s of 20/40 sand in 268 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2444 psi. Treated @ ave pressure of 2058 w/ ave rate of 25.5 w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in plus for next stage. ISIP was 3687. 1466 bbls EWTR. Leave pressure on well. See day2d.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1198 Starting oil rec to date: _____
 Fluid lost/recovered today: 268 Oil lost/recovered today: _____
 Ending fluid to be recovered: 1466 Cum oil recovered: _____
 IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac
 Company: BJ Services
 Procedure or Equipment detail: C sds down casing
1176 gals to cross link
1512 gals of pad
1149 gals w/ 1-4 ppg of 20/40 sand
2421 gals w/ 4-6.5 ppg of 20/40 sand
504 gals of 15% HCL acid
Flush w/ 4494 gals of slick water

Weatherford Services
C-D trkg frac water
NPC fuel gas
BJ Services C sds
Lone Wolf C sds

Flush called @ blender to include 2 bbls pump/line volume

Max TP: 2687 Max Rate: 25.6 Total fluid pmpd: 268 bbls
 Avg TP: 2058 Avg Rate: 25.6 Total Prop pmpd: 15,025#'s
 ISIP: 3687 5 min: _____ 10 min: _____ FG: 1.18

Completion Supervisor: Ron Shuck

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

NEWFIELD



ATTACHMENT G-1

5 of 8

DAILY COMPLETION REPORT

WELL NAME: Federal 9-8-9-16 **Report Date:** 4-20-07 **Day:** 2d
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 323' **Prod Csg:** 5-1/2" @ 6157' **Csg PBTD:** 6074"WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** 4410'
Plug 5160' 5000' 4910'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<u>GB4 sds</u>	<u>4296-4309'</u>	<u>4/52</u>	<u>A1 sds</u>	<u>5242-5248'</u>	<u>4/24</u>
<u>D1 sds</u>	<u>4814-4824'</u>	<u>4/40</u>	<u>A3 sds</u>	<u>5264-5274'</u>	<u>4/40</u>
<u>D2 sds</u>	<u>4866-4879'</u>	<u>4/52</u>	_____	_____	_____
<u>C sds</u>	<u>4949-4957'</u>	<u>4/32</u>	_____	_____	_____
<u>B1 sds</u>	<u>5050-5057'</u>	<u>4/28</u>	_____	_____	_____
<u>A1 sds</u>	<u>5222-5228'</u>	<u>4/24</u>	_____	_____	_____

CHRONOLOGICAL OPERATIONS

Date Work Performed: 19-Apr-07 **SITP:** _____ **SICP:** 0

Day2d.

RU WLT. RIH w/ (solid 6K) frac plug & 13' perf gun. Set plug @ 4910' Perforate D2 sds @ 4866-79', D1 sds @ 4814-24' w/ 4 spf for total of 92 shots. RU BJ & frac stage 4# w/ 140,271#'s of 20/40 sand in 940 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 3037 psi. Treated @ ave pressure of 1825 w/ ave rate of 25.5 w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in push for next stage. ISIP was 2118. 2406 bbls EWTR Leave pressure on well. RU WLT. RIH w/ flow through frac plug & 13' perf gun. Set plug @ 4410'. Perforate GB4 sds @ 4296-4309' w/ 4 spf for total of 52 shots. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1466 **Starting oil rec to date:** _____
Fluid lost/recovered today: 940 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 2406 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services
Procedure or Equipment detail: D sds down casing

- _____ 10710 gals of pad
- _____ 7000 gals w/ 1-5 ppg of 20/40 sand
- _____ 14000 gals w/ 5-8 ppg of 20/40 sand
- _____ 2940gals w/ 8 ppg of 2/40 sand
- _____ 504 gals of 15% HCL acid
- _____ Flush w/ 4326 gals of slick water

****Flush called @ blender to include 2 bbls pump/line volume****

Max TP: 2057 **Max Rate:** 25.5 **Total fluid pmpd:** 940 bbls
Avg TP: 1825 **Avg Rate:** 25.5 **Total Prop pmpd:** 140,271#'s
ISIP: 2118 **5 min:** _____ **10 min:** _____ **FG:** .87

Completion Supervisor: Ron Shuck

COSTS

Weatherford Services _____
 C-D trkg frac water _____
 NPC fuel gas _____
 BJ Services D sds _____
 Lone Wolf D sds _____

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



6 of 8

DAILY COMPLETION REPORT

WELL NAME: Federal 9-8-9-16 **Report Date:** 4-21-07 **Day:** 3
Operation: Completion **Rig:** Western #3

WELL STATUS

Surf Csg: 8-5/8' @ 323' **Prod Csg:** 5-1/2" @ 6157' **Csg PBTD:** 6074"WL
Tbg: **Size:** 2-7/8" **Wt:** 6.5# **Grd:** J-55 **Pkr/EOT @:** 4428' **BP/Sand PBTD:** _____
Plug 5160' 5000' 4910'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<u>GB4 sds</u>	<u>4296-4309'</u>	<u>4/52</u>	<u>A1 sds</u>	<u>5242-5248'</u>	<u>4/24</u>
<u>D1 sds</u>	<u>4814-4824'</u>	<u>4/40</u>	<u>A3 sds</u>	<u>5264-5274'</u>	<u>4/40</u>
<u>D2 sds</u>	<u>4866-4879'</u>	<u>4/52</u>	_____	_____	_____
<u>C sds</u>	<u>4949-4957'</u>	<u>4/32</u>	_____	_____	_____
<u>B1 sds</u>	<u>5050-5057'</u>	<u>4/28</u>	_____	_____	_____
<u>A1 sds</u>	<u>5222-5228'</u>	<u>4/24</u>	_____	_____	_____

CHRONOLOGICAL OPERATIONS

Date Work Performed: 20-Apr-07 **SITP:** _____ **SICP:** 490

RU BJ & frac stage 5# w/ 75,560#'s of 20/40 sand in 560 bbls of Lightning 17 frac fluid. Open well w/ 490 psi or casing. Perfs broke down @ 3604 psi. Treated @ ave pressure of 1672 w/ ave rate of 25.4 w/ 8 ppg of sand. ISIF was 1958. 2966 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 3 hours & died w/ 210 bbls rec'd MIRUSU. RD Cameron BOP's & 5K frac head. Instal 3K production head & Schaefer BOP's. TIH w/ 4-3/4" chomp bit bit sub, new J-55, 6.5# tbg off racks w/ 143 jts tag plug @ 4410'. RU pump tank & swivel. Drlg up plug #1. Circulate well clean. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2966 **Starting oil rec to date:** _____
Fluid lost/recovered today: 210 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 2756 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services
Procedure or Equipment detail: GB4 sds down casing

- _____ 6006 gals of pad
- _____ 4000 gals w/ 1-5 ppg of 20/40 sand
- _____ 8000 gals w/ 5-8 ppg of 20/40 sand
- _____ 1314 gals w/ 8 ppg of 2/40 sand
- _____ Flush w/ 4200 gals of slick water

COSTS

- _____ Western #2
- _____ C-D trkg frac water
- _____ NPC fuel gas
- _____ BJ Services D sds
- _____ Lone Wolf D sds
- _____ Weatherford Services
- _____ C-D trkg water transfer
- _____ NPC trucking
- _____ B&L tbg new J-55
- _____ Boren welding/labor
- _____ NPC sfc equipment
- _____ Nabors swivel
- _____ NPC Supervisor

Max TP: 1958 **Max Rate:** 25.7 **Total fluid pmpd:** 560 bbls
Avg TP: 1672 **Avg Rate:** 25.4 **Total Prop pmpd:** 75,560#'s
ISIP: 1958 **5 min:** _____ **10 min:** _____ **FG:** .89
Completion Supervisor: Ron Shuck

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

NEWFIELD



ATTACHMENT G-1

7088

DAILY COMPLETION REPORT

WELL NAME: Federal 9-8-9-16

Report Date: April 22, 2007

Day: 4

Operation: Completion

Rig: Western #3

WELL STATUS

Surf Csg: 8-5/8' @ 323' Prod Csg: 5-1/2" @ 6157' Csg PBDT: 6112'
 Tbg: Size: 2-7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 6010' BP/Sand PBDT: 6112'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	<u>4296-4309'</u>	<u>4/52</u>	A1 sds	<u>5242-5248'</u>	<u>4/24</u>
D1 sds	<u>4814-4824'</u>	<u>4/40</u>	A3 sds	<u>5264-5274'</u>	<u>4/40</u>
D2 sds	<u>4866-4879'</u>	<u>4/52</u>			
C sds	<u>4949-4957'</u>	<u>4/32</u>			
B1 sds	<u>5050-5057'</u>	<u>4/28</u>			
A1 sds	<u>5222-5228'</u>	<u>4/24</u>			

CHRONOLOGICAL OPERATIONS

Date Work Performed: April 21, 2007

SITP: 25 SICP: 60

Bleed pressure off well. Rec est 15 BTF. Con't C/O sd & drill out composite bridge plugs as follows (using conventional circulation): sd @ 4872', plug @ 4910' in 20 minutes; sd @ 4943', plug @ 5000' in 24 minutes; sd @ 5086', plug @ 5160' in 12 minutes. Hang back swivel & con't PU tbg. Tag fill @ 5978'. PU swivel. Drill plug remains & sd to PBDT @ 6112'. Circ hole clean. Lost est 180 BW during cleanout. RD swivel. Pull EOT to 6010'. RU swat equipment. IFL @ sfc. Made 13 swb runs rec 143 BTF W/ light gas, tr oil & no sd. FFL @ 1600'. SIFN W/ est 2778 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2756 Starting oil rec to date: _____
 Fluid lost/recovered today: 22 Oil lost/recovered today: _____
 Ending fluid to be recovered: 2778 Cum oil recovered: _____
 IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

Base Fluid used: _____ Job Type: _____

Company: _____

Procedure or Equipment detail: _____

COSTS

Western #2
Weatherford BOP
Nabors swivel
NPC trucking
NDSI wtr & truck
Weatherford "Chomp" bit
NDSI wtr disposal
Mt. West sanitation
NPC location cleanup
Monks pit reclaim
CDI TA
CDI SN
NPC supervision
DAILY COST: _____ \$0
TOTAL WELL COST: _____ \$0

Max TP: _____ Max Rate: _____ Total fluid pmpd: _____

Avg TP: _____ Avg Rate: _____ Total Prop pmpd: _____

ISIP: _____ 5 min: _____ 10 min: _____ FG: _____

Completion Supervisor: Gary Dietz

NEWFIELD



ATTACHMENT G-1
8 of 8

DAILY COMPLETION REPORT

WELL NAME: Federal 9-8-9-16 **Report Date:** April 24, 2007 **Day:** 5
Operation: Completion **Rig:** Western #3

WELL STATUS

Surf Csg: 8-5/8' @ 323' **Prod Csg:** 5-1/2" @ 6157' **Csg PBTD:** 6112'
Tbg: Size: 2-7/8" Wt: 6.5# **Grd:** J-55 **Anchor @:** 5205' **BP/Sand PBTD:** 6112'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4296-4309'	4/52	A1 sds	5242-5248'	4/24
D1 sds	4814-4824'	4/40	A3 sds	5264-5274'	4/40
D2 sds	4866-4879'	4/52			
C sds	4949-4957'	4/32			
B1 sds	5050-5057'	4/28			
A1 sds	5222-5228'	4/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: April 23, 2007 **SITP:** 50 **SICP:** 100

Bleed gas off well. TIH W/ tbg f/ 6010'. Tag PBTD @ 6112' (no new fill). Circ hole clean. Lost est 75 BW & rec tr oil. LD excess tbg. TOH W tbg-LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 2 jts tbg, new CDI 5 1/2" TA (45K) & 168 jts 2 7/8 8rd 6.5# J-55 tbg ND BOP. Set TA @ 5205' W/ SN @ 5269' & EOT @ 5333'. Land tbg W/ 16,000# tension. NU wellhead. RU & Flush tbg W/ 60 BW (returned 4t bbls). PU & TIH W/ pump and "A" & "B" grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 20' RHAC pump, 6-1 1/2" weight rods, 10-3/4" scraped rods, 94-3/4" plain rods (top 25 "A" grade), 98-3/4" scraped rods, 1-8', 1-6', 1-4' & 1-2' X 3/4" pony rods (A) and 1 1/2" X 26' polished rod (A). Seat pump & RU pumping unit. Fill tbg W/ 1 BW. Pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action RDMOSU. Est 2874 BWTR.

Place well on production @ 6:30 PM 4/23/2007 W/ 120" SL @ 5 SPM.
FINAL REPORT!!

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2778 **Starting oil rec to date:** _____
Fluid lost/recovered today: 96 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 2874 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

TUBING DETAIL	ROD DETAIL	COSTS
KB 12.00'	1 1/2" X 26' polished rod	Western #2
168 2 7/8 J-55 tbg (5193.30')	1-8', 1-6', 1-4', 1-2' X 3/4" ponies	Weatherford BOP
TA (2.80' @ 5205.30' KB)	98-3/4" scraped rods	Zubiate HO trk
2 2 7/8 J-55 tbg (60.72')	94-3/4" plain rods	CDI rod pump
SN (1.10' @ 5268.82' KB)	10-3/4" scraped rods	A & B grade rod string
2 2 7/8 J-55 tbg (63.08')	6-1 1/2" weight rods	NPC frac tks(8X6 dys)
2 7/8 NC (.45')	CDI 2 1/2" X 1 1/2" X 20'	NPC swb tk (3 days)
EOT 5333.45' W/ 12' KB	RHAC pump W/ SM plunger	NPC frac head
		NPC supervision

DAILY COST: _____ \$0

Completion Supervisor: Gary Dietz

TOTAL WELL COST: _____ \$0

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4246'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 203' balance plug using 25 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 42 sx Class "G" cement down 5 1/2" casing to 374'

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

Federal 9-8-9-16

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

Initial Production: BOPD,
 MCFD, BWPD

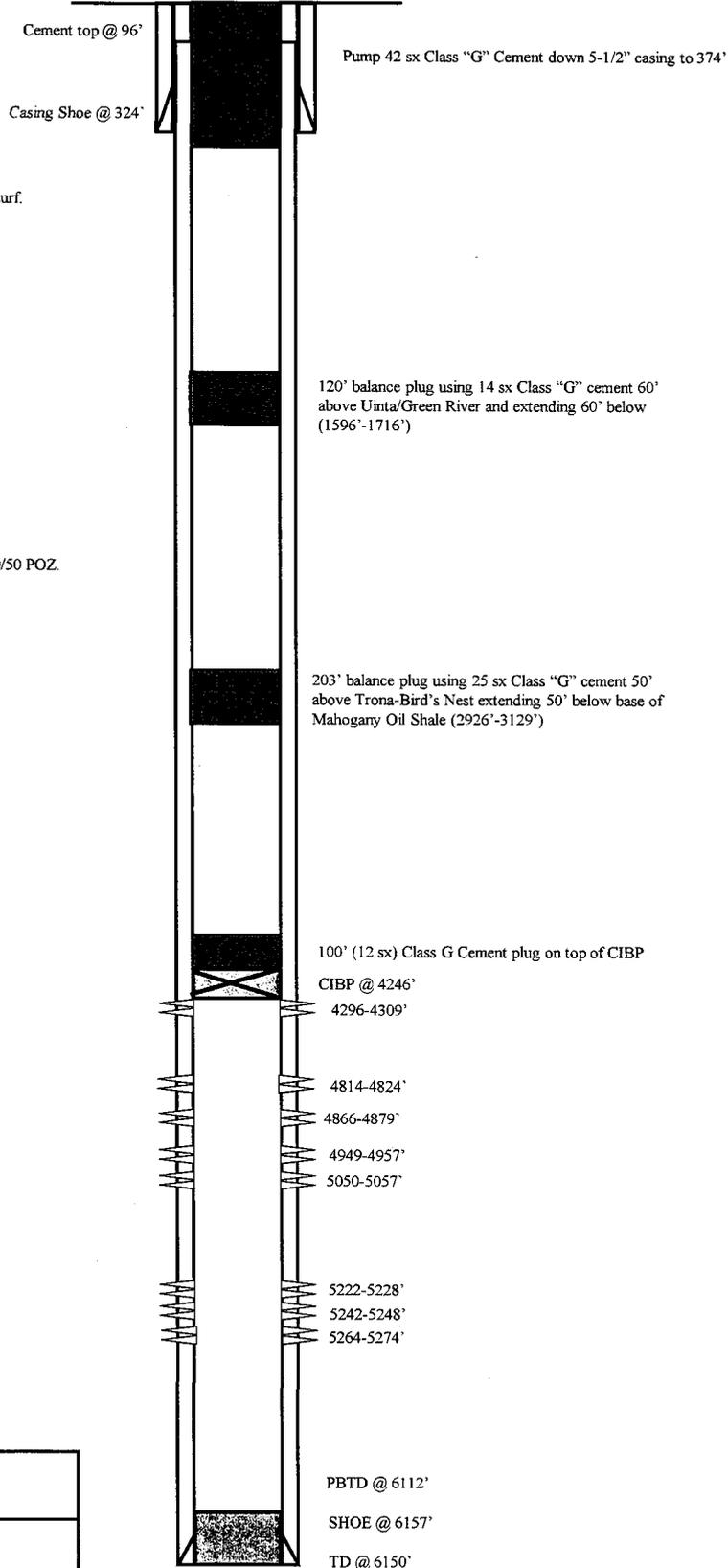
Proposed P & A
 Wellbore Diagram

SURFACE CASING

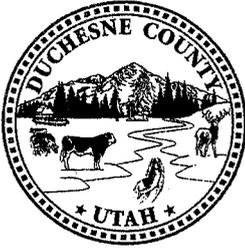
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (312.93')
 DEPTH LANDED: 323.83' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

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'




<p>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</p>



*Duchesne County Planning, Zoning
& Community Development
734 North Center Street
P.O. Box 317
Duchesne, Utah 84021
(435) 738-1152
Fax (435) 738-5522*

June 26, 2012

Mr. Brad Hill, Permitting Manager
Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

RECEIVED

JUN 27 2012

DIV. OF OIL, GAS & MINING

RE: Newfield Production Company Injection Wells (Causes No UIC-395 & 396)

Dear Mr. Hill:

We are in receipt of your notice regarding Newfield Production Company's request to convert 30 wells, located in Sections 5, 8, 9, 11, 12, 13, 16, 17, 18, 19, 21, 22, 23, 24, 27, 29 and 30, Township 9 South, Range 16 East, Duchesne County, to Class II injection wells.

Duchesne County is supportive of this request and recommends approval under conditions that your agency deems appropriate.

Thank you for the opportunity to comment.

Sincerely,

A handwritten signature in black ink that reads "Mike Hyde".

Mike Hyde, AICP
Community Development Administrator

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

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-395

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 5, 8, 9, 11, 13, 17, 19, 22, 23, 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:

- West Point U 12-5-9-16 well located in NW/4 SW/4, Section 5, Township 9 South, Range 16 East
API 43-013-31933
- Federal 7-8-9-16 well located in SW/4 NE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33056
- Federal 9-8-9-16 well located in NE/4 SE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33058
- West Point 12-8-9-16 well located in NW/4 SW/4, Section 8, Township 9 South, Range 16 East
API 43-013-32286
- Federal 15-8-9-16 well located in SW/4 SE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33060
- Federal 5-9-9-16 well located in SW/4 NW/4, Section 9, Township 9 South, Range 16 East
API 43-013-32916
- Federal 11A-9-9-16 well located in NE/4 SW/4, Section 9, Township 9 South, Range 16 East
API 43-013-33050
- Goates Fed 1 well located in SE/4 SW/4, Section 11, Township 9 South, Range 16 East
API 43-013-15789
- Federal 13-13-9-16 well located in SW/4 SW/4, Section 13, Township 9 South, Range 16 East
API 43-013-32650
- Federal 1-17-9-16 well located in NE/4 NE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33028
- Federal 15-17-9-16 well located in SW/4 SE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33037
- Federal 3-19-9-16 well located in NE/4 NW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33064
- Federal 5-22-9-16 well located in SW/4 NW/4, Section 22, Township 9 South, Range 16 East
API 43-013-33025
- Federal 16-22-9-16 well located in NE/4 SE/4, Section 22, Township 9 South, Range 16 East
API 43-013-33394
- Federal 5-23-9-16 well located in SW/4 NW/4, Section 23, Township 9 South, Range 16 East
API 43-013-32960
- Federal 9-23 well located in NE/4 SE/4, Section 23, Township 9 South, Range 16 East
API 43-013-30654
- Federal 1-30-9-16 well located in NE/4 NE/4, Section 30, Township 9 South, Range 16 East
API 43-013-33452

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

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

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

Dated this 20th day of June, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

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

Brad Hill
Permitting Manager

Newfield Production Company

**WEST POINT U 12-5-9-16, FEDERAL 7-8-9-16, FEDERAL 9-8-9-16, WEST POINT 12-8-9-16,
FEDERAL 15-8-9-16, FEDERAL 5-9-9-16, FEDERAL 11A-9-9-16, GOATES FED 1,
FEDERAL 13-13-9-16, FEDERAL 1-17-9-16, FEDERAL 15-17-9-16, FEDERAL 3-19-9-16,
FEDERAL 5-22-9-16, FEDERAL 16-22-9-16, FEDERAL 5-23-9-16,
FEDERAL 9-23, FEDERAL 1-30-9-16**

Cause No. UIC-395

Publication Notices were sent to the following:

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

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

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

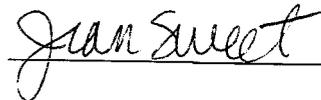
Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

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

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

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

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052





GARY R. HERBERT
Governor

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

June 21, 2012

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-395

To Whom It May Concern:

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

Please send proof of publication and billing to:

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

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-395

From: Cindy Kleinfelter <classifieds@ubstandard.com>
To: Jean Sweet <jsweet@utah.gov>
Date: 6/22/2012 8:05 AM
Subject: Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-395

On 6/21/2012 5:07 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 Div. of Oil, Gas & Mining
1594 West Temple, Suite 1210
Salt Lake City, UT
801-538-5329
jsweet@utah.gov

Received. Thank you. It will run June 26.
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

June 21, 2012

VIA E-MAIL naclegal@mediaoneutah.com

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

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-395

To Whom It May Concern:

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

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

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

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

From: "Fultz, Mark" <naclegal@mediaoneutah.com>
To: <jsweet@utah.gov>
Date: 6/22/2012 9:13 AM
Subject: Legal Notice - UIC 395
Attachments: OrderConf.pdf

AD# 802910
Run Trib/DNews - 6/26
Cost \$448.52
Thank you
Mark

Order Confirmation for Ad #0000802910-01

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

Total Amount	\$448.52			
Payment Amt	\$0.00			
Amount Due	\$448.52	<u>Tear Sheets</u>	<u>Proofs</u>	<u>Affidavits</u>
		0	0	1

Payment Method PO Number UIC 395

Confirmation Notes:

Text: Jean

Ad Type	Ad Size	Color
Legal Liner	3.0 X 88 Li	<NONE>

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	06/26/2012	

Product	Placement	Position
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	06/26/2012	

Product	Placement	Position
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	06/26/2012	

Product	Placement	Position
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	06/26/2012	

Order Confirmation for Ad #0000802910-01

Ad Content Proof Actual Size

Order Confirmation for Ad #0000802910-01

Ad Content Proof 135%

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-395

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 5, 8, 9, 11, 13, 17, 19, 22, 23, 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.

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API 43-013-33056

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API 43-013-33058

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API 43-013-32286

Federal 15-8-9-16 well located in SW/4 SE/4, Section 8, Township 9 South, Range 16 East

API 43-013-33060

Federal 5-9-9-16 well located in SW/4 NW/4, Section 9, Township 9 South, Range 16 East

API 43-013-32916

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API 43-013-33050

Coates Fed 1 well located in SE/4 SW/4, Section 11, Township 9 South, Range 16 East

API 43-013-15789

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API 43-013-32650

Federal 1-17-9-16 well located in NE/4 NE/4, Section 17, Township 9 South, Range 16 East

API 43-013-33028

Federal 15-17-9-16 well located in SW/4 SE/4, Section 17, Township 9 South, Range 16 East

API 43-013-33037

Federal 3-19-9-16 well located in NE/4 NW/4, Section 19, Township 9 South, Range 16 East

API 43-013-33064

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API 43-013-33025

Federal 16-22-9-16 well located in NE/4 SE/4, Section 22, Township 9 South, Range 16 East

API 43-013-33394

Federal 5-23-9-16 well located in SW/4 NW/4, Section 23, Township 9 South, Range 16 East

API 43-013-32960

Federal 9-23 well located in NE/4 SE/4, Section 23, Township 9 South, Range 16 East

API 43-013-30654

Federal 1-30-9-16 well located in NE/4 NE/4, Section 30, Township 9 South, Range 16 East

API 43-013-33452

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

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

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

Dated this 20th day of June, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

/s/
Brad Hill
Permitting Manager
802910

UPAXLP

06/22/2012 9:06:58AM



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

August 7, 2012

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

Subject: Greater Monument Butte Unit Well: Federal 9-8-9-16, Section 8, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33058

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 4,102 feet in the Federal 9-8-9-16 well.

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

Sincerely,

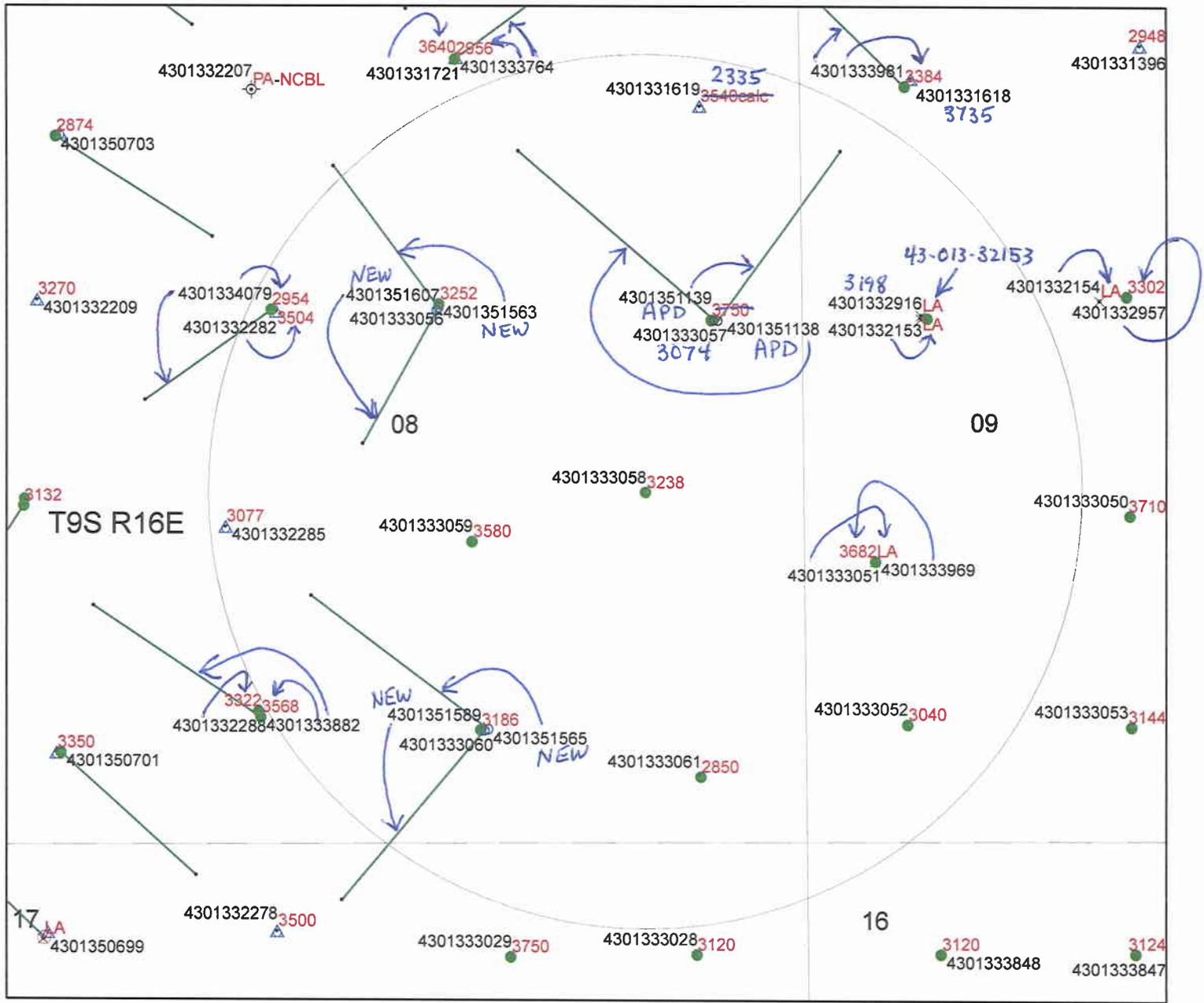
John Rogers
Associate Director

JR/MLR/js

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

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





Cement Bond Tops
 FEDERAL 9-8-9-16
 API #43-013-33058
 UIC 395.3

Legend

- | | |
|--|---|
| Buffer_of_SGID93_ENERGY_DNROilGasWells_131 | PGW |
| SGID93_ENERGY.DNROilGasWells | POW |
| SGID93.ENERGY.DNROilGasWells | RET |
| GIS_STAT_TYPE | SGW |
| APD | SOW |
| DRL | TA |
| GIW | TW |
| GSW | WDW |
| LA | VWV |
| LOC | WSW |
| OPS | SGID93 BOUNDARIES Counties |
| PA | • SGID93_ENERGY.DNROilGasWells_HDBottom |
| | — SGID93_ENERGY.DNROilGasWells_HDPath |
| | • Wells-CbltopsMaster07_06_12 |



1870calc = approx cement top calculated from well completion report

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

Applicant: Newfield Production Company **Well:** Federal 9-8-9-16

Location: 8/9S/16E **API:** 43-013-33058

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 324 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,157 feet. A cement bond log demonstrates adequate bond in this well up to about 3,238 feet. A 2 7/8 inch tubing with a packer will be set at 4,246 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 10 producing wells and 3 injection wells in the AOR. One of the producing wells is directionally drilled, with a surface location inside the AOR and a bottom hole location outside the AOR. In addition, there are 2 proposed directional wells with surface locations inside the AOR and 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 2000 feet. Injection shall be limited to the interval between 4,102 feet and 6,112 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 9-8-9-16 well is 0.81 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,870 psig. The requested maximum pressure is 1,870 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 9-8-9-16

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 8/3/2012

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FEDERAL 9-8-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013330580000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2136 FSL 0944 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 08 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"/> 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"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/14/2012			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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 09/13/2012. New perforations GB4 sands 4155-4158' 3 JSPF. On 09/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 9/14/2012 the casing was pressured up to 1760 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 80 psig during the test. There was not a State representative available to witness the test.

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

Date: September 27, 2012
 By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/21/2012	

Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: _____ Date 9/14/12 Time 11:00 am pm

Test Conducted by: Kody OLSON

Others Present: _____

Well: <u>FEDERAL 9-8-9-16</u>	Field: <u>MON. BUTTE</u>
Well Location: <u>NE/SE SEC. 8, T9S, R16E</u> <u>Duchesne Cty, UT</u>	API No: <u>43-013-33058</u> <u>UTV 87538X</u>

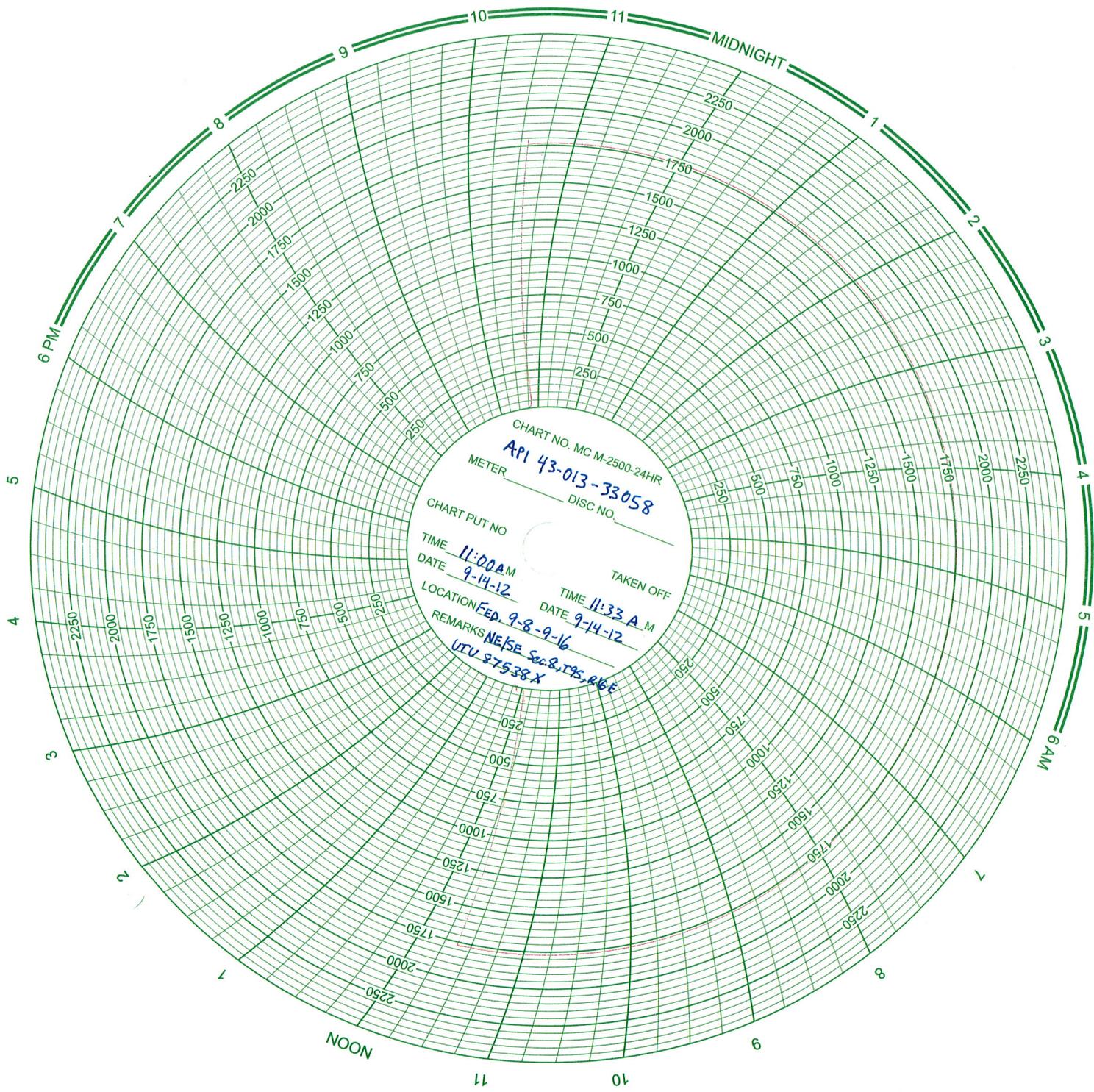
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1760</u>	psig
5	<u>1760</u>	psig
10	<u>1760</u>	psig
15	<u>1760</u>	psig
20	<u>1760</u>	psig
25	<u>1760</u>	psig
30 min	<u>1760</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 80 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: [Signature]



Daily Activity Report

Format For Sundry
FEDERAL 9-8-9-16
7/1/2012 To 11/30/2012

9/10/2012 Day: 1

Conversion

NC #1 on 9/10/2012 - R/U,H/O Csg,u/s pmp,Flush Tbg,S/P,Fill & tst tbg to 3500 psi,u/s pmp pooh L/D Rod prod strng & pmp.n/u bop,Rel t/a,pooh w/-133 Jts tbg Breaking & redoping toll jts w/-liq o ring, swi, c/dsfn. - 5:30AM-6:00AM C/Trvl, 6:00AM R/U NC#1. BMW H/Oiler pmp 60 BW D/Csg. R/D Unit,Try To U/S pmp, pmp Would Not U/S, H/Oiler pmp 140 BW D/Csg While Trying To U/S pmp, pmp Came Off Seat. Flush Tbg W/-30 BW, S/P Fill Tbg W/-7 BW, P/Tst Tbg To 3500 Psi,Good Tst. U/S pmp,POOH L/D 1 1/2X26' Polish Rod,3/4X2'-4'-6'-8' Ponys, 98- 3/4 4 Per, 94- 3/4 Slick-11-3/4 4 Per, 6-1 1/2 Wt Bars & pmp. Flushed Tbg W/-20 BW On TOOH. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A, POOH W/-133 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring, SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$11,037

9/11/2012 Day: 2

Conversion

NC #1 on 9/11/2012 - R/U Perforators W/L RIH Perf Zne GB2 @ 4155'-4158' W/3 SPF,RIH W/-TS Plg, HD Pkr,Set Plg @ 4227',POOH Set Pkr @ 4099',P/Tst Pkr & Plg To 1500 Psi.Perfs Broke @ 3600 Psi,pmp 5 BW In Perfs 1700 Psi @ .90 BPM,SWI,C/SDFD. - 5:30AM-6:00AM C/Trvl, 6:00AM R/U BMW H/Oiler pmp 20 BW D/Csg, POOH L/D W/-35 Jts Tbg, 5 1/2 T/A, 2 Jts Tbg, S/N, 2 Jts Tbg, N/C. R/U Perforators W/L RIH & Perf Zone GB2 @ 4155'- 4158' W/-3 SPF. R/D W/L Aftr Perf. P/U & RIH W/-5 1/2 TS Plg, Ret HD, 2 7/8X6' Tbg Sub, 5 1/2 HD Pkr, S/N, 134 Jts Tbg, Set Plg @ 4227', POOH Set Pkr @ 4099', R/U H/Oiler Fill Tbg W/- BW, P/Test Tbg & Tools To 1,500 Psi, Good Test. Perfs Broke @ 3,600 Psi, pmp 5 BW In Perfs 1,700 Psi @ .90 BPM, SWI, 3:00PM C/SDFN, 3:00PM-3:30PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$15,068

9/12/2012 Day: 3

Conversion

NC #1 on 9/12/2012 - owu,fill csg w/47 bw,R/u BJ to frac zne GB2,R/D BJ aftr frac,flow zne back,rel pkr & plg,pooh L/D n-80 tbg & pkr plg,RIH W/5 1/2 Arrow #1 Pkr Assembly & Tbg, - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, R/U R/pmp Fill Csg W/-47 BW. R/U BJ To Frac Zone GB2, R/D BJ Aftr Frac, OWU, Flowed 83 BW, Rel Pkr, Curc Well Cln, RIH To Plg Curc Well Cln, Rel Plg. POOH W/-134 Jts Tbg, Pkr & Plg.P/U & RIH W/-2 3/8 Re enrty Guide, 2 3/8 X/N Nipple,, 2 3/8 Tbg Sub, 2 3/8X2 7/8 XO, 5 1/2 Arrow #1 Pkr, On Off Tool, 2 7/8 S/N, 133 Jts Tbg, R/U R/pmp, Flush Tbg W/-20 BW, Drop SV, Fill Tbg, P/Test Tbg To 3,000 Psi, Tbg Unstabilized, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - Open for immediate flowback @ approx 3 BPM on a 30/64 choke. RDMO Baker Hughes frac equipment. - MIRU Baker Hughes frac equipment. Held safety meeting w/ rig crew, Weatherford tool hand & Baker Hughes frac crew discussing: smoking area, evacuation plan, working with overhead loads, pressurized iron, PPE & working with unfamiliar crew members. - Pressure test pump lines to 8200 psi. Fill tbg-csg annulus w/ 47 BW w/ rig pump & pressure to 200 to monitor during frac. Frac GB2 sands w/ 10,170#s 20/40 white sand in 107 bbls Lightning 17 frac fluid. Broke @ 2189 psi, 2.5 BPM w/ 4.5 BW. ISIP 1578 psi, FG: .81, 1 min SIP 1360 psi, 4 min SIP 1332 psi. Pumped 500 gals 15% HCL. Treated w/ ave press of 4209 psi and max press of 5127 psi, ave rate of 17.2 BPM & max rate of 18.6 BPM. Flushed w/ 25 BW @ 4110 psi, 18.0 BPM. ISDP 1707 psi, 5 min SIP 1651 psi, 10 min SIP 1618 psi, 15 min SIP 1588 psi.

Daily Cost: \$0
Cumulative Cost: \$46,256

9/13/2012 Day: 4

Conversion

NC #1 on 9/13/2012 - Chek Tbg Psi,Good Tst.N/D BOP,pmp Pkr Fluid,Set Pkr,N/U W/-HD,P/Tst Cst Csg,Good Test. R/D Rig (Final Rig Report) Ready For MIT. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU W/-3290 Psi On Tbg Good Test. R/D R/Flr, N/D BOP, N/U W/-HD, BMW H/Oiler pmp 70 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD, Set Pkr In 15,000 Tension, N/U W/-HD.Fill Csg W/-12 BW, P/Test Csg & Pkr To 1,500 Psi, Good Test. Rack Out Eq, R/D Rig, Move Out @ 2:30PM (Final Report) READY FOR MIT.

Daily Cost: \$0
Cumulative Cost: \$54,313

9/17/2012 Day: 5

Conversion

Rigless on 9/17/2012 - Conduct initial MIT - On 09/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/14/2012 the casing was pressured up to 1760 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 80 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0
Cumulative Cost: \$142,583

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: FEDERAL 9-8-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013330580000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2136 FSL 0944 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 08 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: 10/4/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text" value="Put on Injection"/>

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

The above reference well was put on injection at 4:21 PM on
10/04/2012.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 October 09, 2012

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/8/2012	

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.

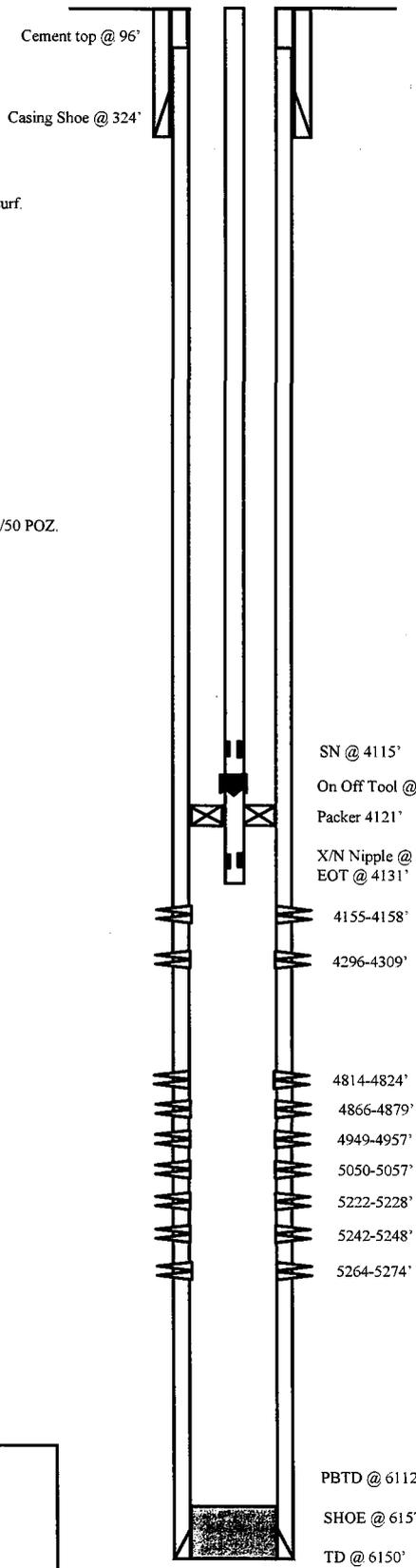
04-19-07 4814-4879' **Frac D2, & D1 sands as follows:**
 140271# 20/40 sand in 940 bbls Lightning 17 frac fluid. Treated @ avg press of 1825 w/ avg rate of 25.5 BPM. ISIP 2118 psi. Calc flush: 4812 gal. Actual flush: 4326 gal.

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 **Convert to Injection Well**

09/14/12 **Conversion MIT Finalized** - update tbg detail



PERFORATION RECORD

Date	Interval	JSPF	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



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-395

Operator: Newfield Production Company
Well: Federal 9-8-9-16
Location: Section 8, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-33058
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on August 7, 2012.
2. Maximum Allowable Injection Pressure: 1,870 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,102' – 6,112')
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
John Rogers
Associate Director

10-1-2012
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\Newfield



Send Payments to:
 Uintah Basin Standard
 268 S 200 E
 Roosevelt, Utah 84066
 Phone: 435-722-5131
 Fax: 435-722-4140

Uintah Basin
Standard
 www.ubstandard.com
Express
 www.vernal.com

RECEIVED
 JUL 09 2012

DIV. OF OIL, GAS & MINING
 Advertiser No. 2080

Invoice Number	32047	Invoice Date	6/26/2012
Invoice Amount	\$176.25	Due Date	7/26/2012

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. 32047	6/26/2012
Date	Order	Description	Ad Size	SubTotal	Sales Tax	Amount
6/26/2012	16065 UBS	UBS Legal Notice: Not of Agcy Actn: Cause No. UIC-395 Pub. June 26, 2012				\$176.25
				Sub Total:		\$176.25
				Total Transactions: 1	Total:	\$176.25

SUMMARY Advertiser No. 2080 Invoice No. 32047

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!

43 013 33058
 Federal 9-8-9-16
 9S 16E 8

