

NEWFIELD



January 12, 2005

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: 3-21-9-16, 5-21-9-16, 6-21-9-16, 7-21-9-16,
8-21-9-16, 3-22-9-16, 5-22-9-16, 6-22-9-16, and 7-22-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 6-22-9-16 is an Exception Location. Our Land Department will send you the required Exception Location Letter. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED

JAN 13 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.
UTU-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 5-22-9-16

9. API Well No.
43-013-33025

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
SW/NW Sec. 22, 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 SW/NW 1989' FNL 613' FWL 575783X 40.018130
At proposed prod. zone 4429937Y -110.111984

14. Distance in miles and direction from nearest town or post office*
Approximatley 24.5 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. 651' 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. 1521'

19. Proposed Depth
5965'

20. BLM/BIA Bond No. on file
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5918' GL

22. Approximate date work will start*
1st 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 1/11/06

Title Regulatory Specialist

Approved by *Bradley G. Hill* Name (Printed/Typed) BRADLEY G. HILL Date 01-23-06

Title ENVIRONMENTAL SCIENTIST III

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

Conditions of approval, if any, are attached.

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

*(Instructions on reverse)

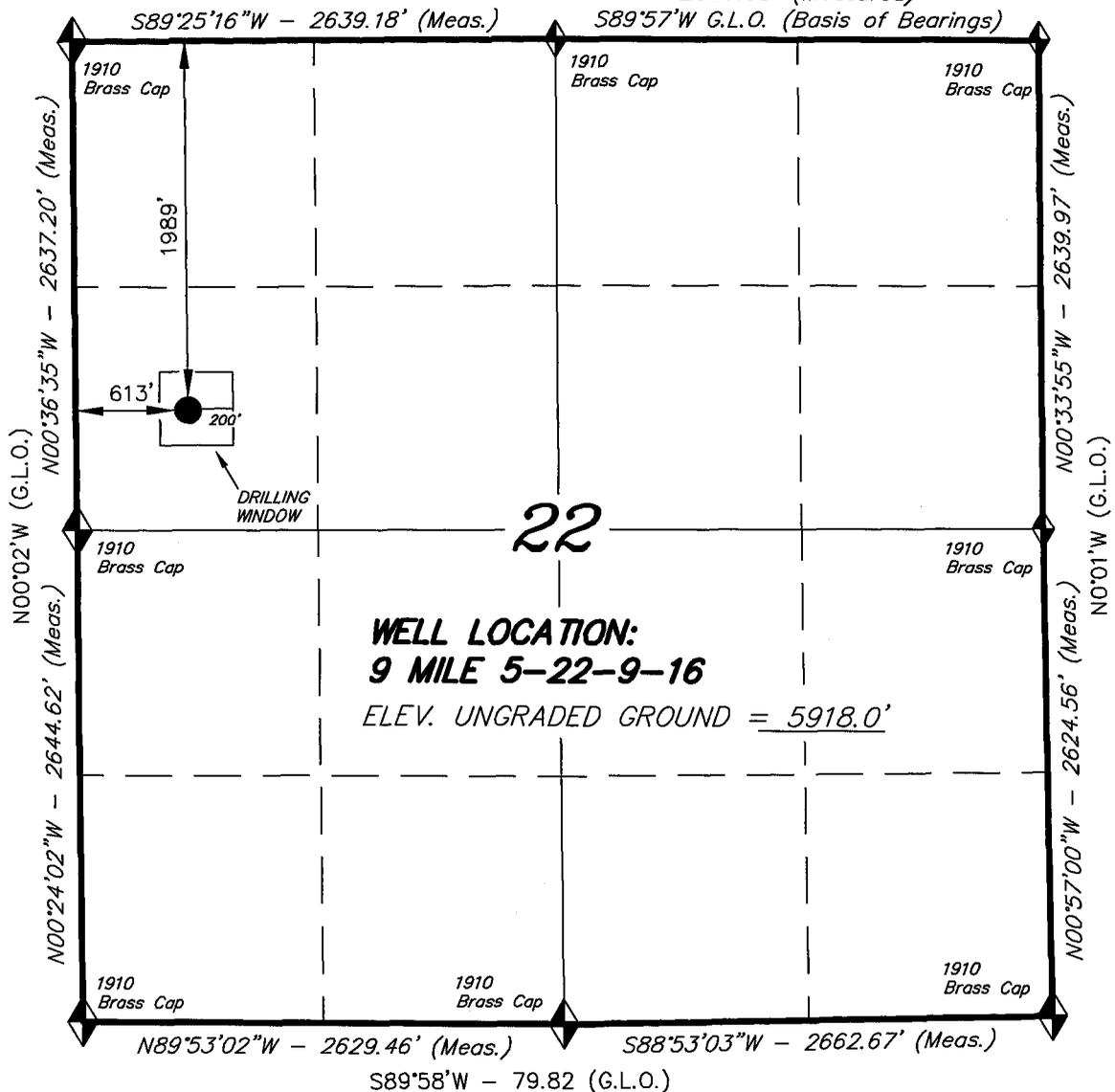
Federal Approval of this
Action is Necessary

RECEIVED
JAN 13 2006

DIV. OF OIL, GAS & MINING

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

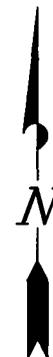
S89°57'W - 79.16 (G.L.O.) 2629.55' (Measured)
 S89°57'W G.L.O. (Basis of Bearings)



WELL LOCATION:
9 MILE 5-22-9-16
 ELEV. UNGRADED GROUND = 5918.0'

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 5-22-9-16,
 LOCATED AS SHOWN IN THE SW 1/4 NW
 1/4 OF SECTION 22, T9S, R16E,
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



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

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

◆ = SECTION CORNERS LOCATED

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

9 MILE 5-22-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 01' 05.48"
 LONGITUDE = 110° 06' 45.50"

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 11-24-05	SURVEYED BY: K.G.S.
DATE DRAWN: 12-6-05	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
FEDERAL #5-22-9-16
SW/NW SECTION 22, 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' - 2370'
Green River	2370'
Wasatch	5965'

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

Green River Formation 2370' - 5965' - 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 #5-22-9-16
SW/NW SECTION 22, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #5-22-9-16 located in the SW 1/4 NW 1/4 Section 22, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 10.9 miles \pm to it's junction with an existing road to the northeast; proceed northeasterly and then southwesterly - 10.1 miles \pm to it's junction with an existing road to the east; proceed northeasterly - 1.3 miles \pm to it's junction with the beginning of the proposed access road; proceed northeasterly - 3270' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #05-240, 7/25/05. Paleontological Resource Survey prepared by, Wade E. Miller, 9/28/05. See attached report cover pages, Exhibit "D".

For the Federal #5-22-9-16 Newfield Production Company requests a 1970' ROW be granted in Lease UTU-74392 and 1300' 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 a 36" culvert required along the wash crossing the 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 1970' ROW be granted in Lease UTU-74392 and 1300' 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 1970' ROW be granted in Lease UTU-74392 and 1300' 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 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

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

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

Threatened, Endangered, And Other Sensitive Species

Mountain Plover: If new construction or surface disturbing activities are scheduled to occur between May 1 and June 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities will be allowed between March 15 and August 15 within a 0.5 mile radius of any documented mountain plover nest site.

Reserve Pit Liner

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

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

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

Crested Wheatgrass *Agropyron Cristatum* 12 lbs/acre

Details of the On-Site Inspection

The proposed Federal #5-22-9-16 was on-sited on 8/31/05. The following were present; Shon Mckinnon (Newfeild Production), Byron Tolman (Bureau of Land Management), and Todd MaGrath (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

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

Representative

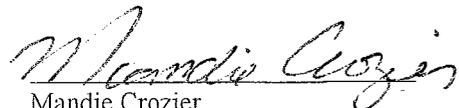
Name: Shon Mckinnon
Address: Route #3 Box 3630
 Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #5-22-9-16 SW/NW Section 22, 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.

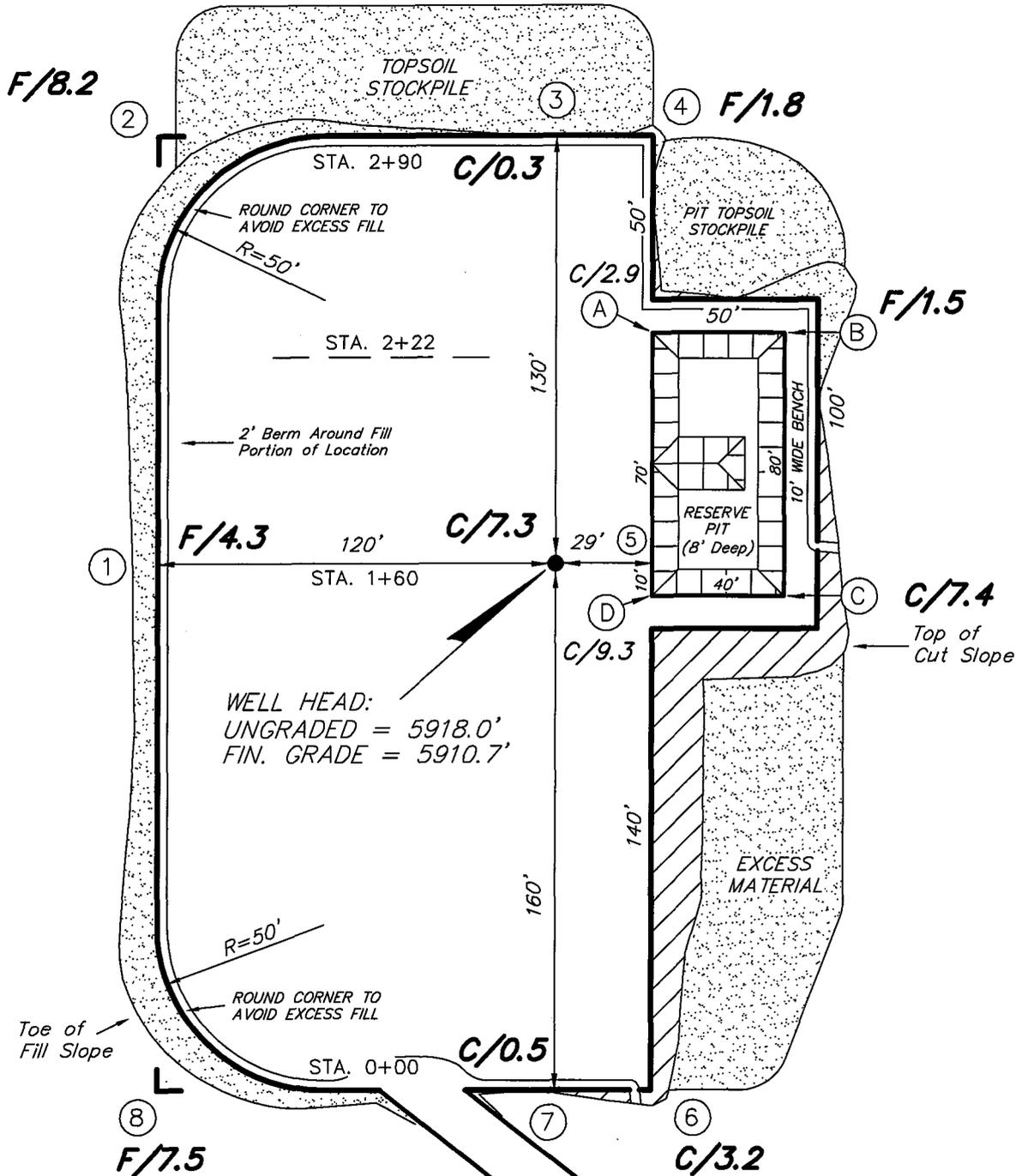
 VII/06
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 5-22-9-16

Section 22, T9S, R16E, S.L.B.&M.



REFERENCE POINTS

180' EAST = 5907.5'
 230' EAST = 5899.7'

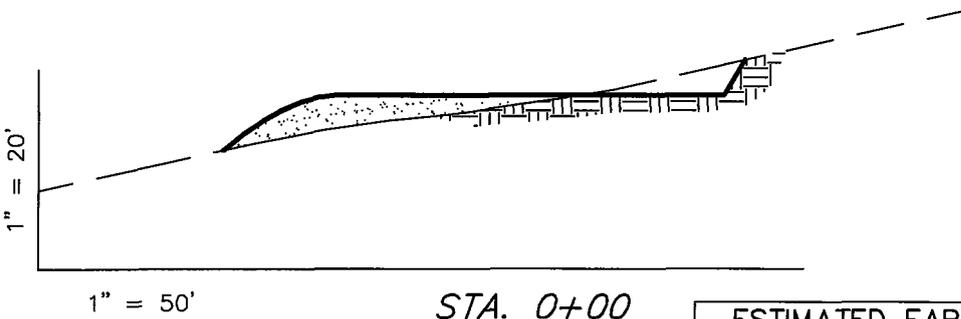
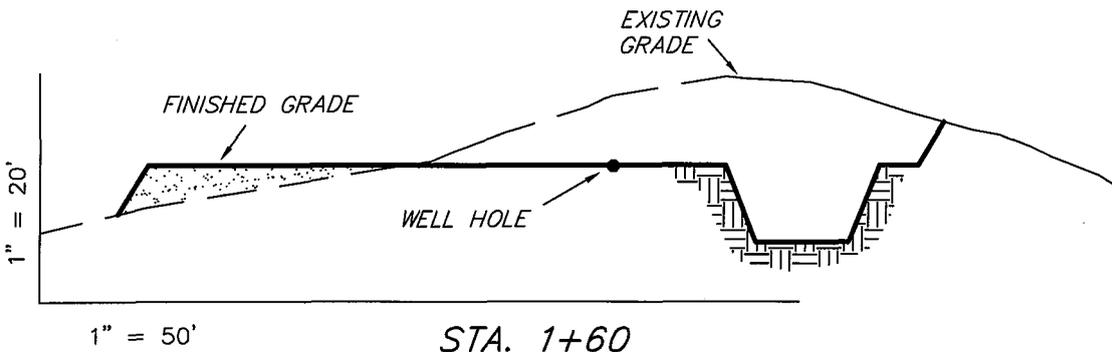
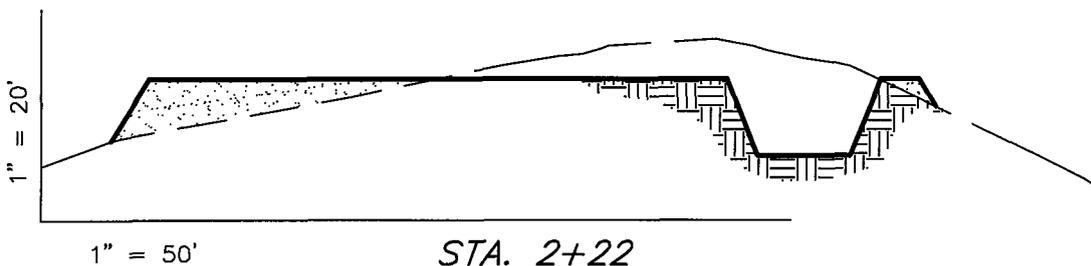
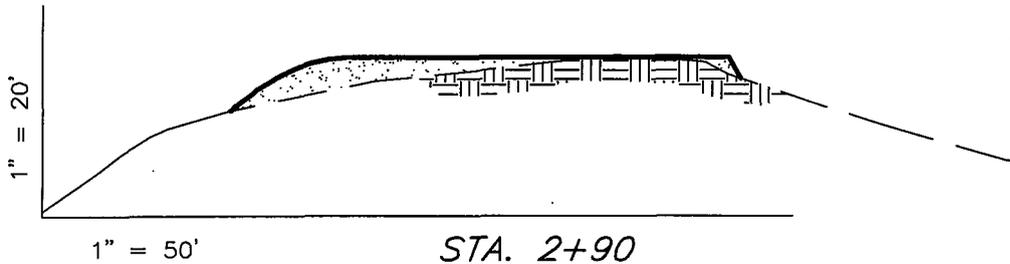
SURVEYED BY: K.G.S.	SCALE: 1" = 50'
DRAWN BY: F.T.M.	DATE: 12-6-05

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

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 5-22-9-16



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

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	3,350	3,350	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	3,990	3,350	1,000	640

SURVEYED BY: K.G.S.

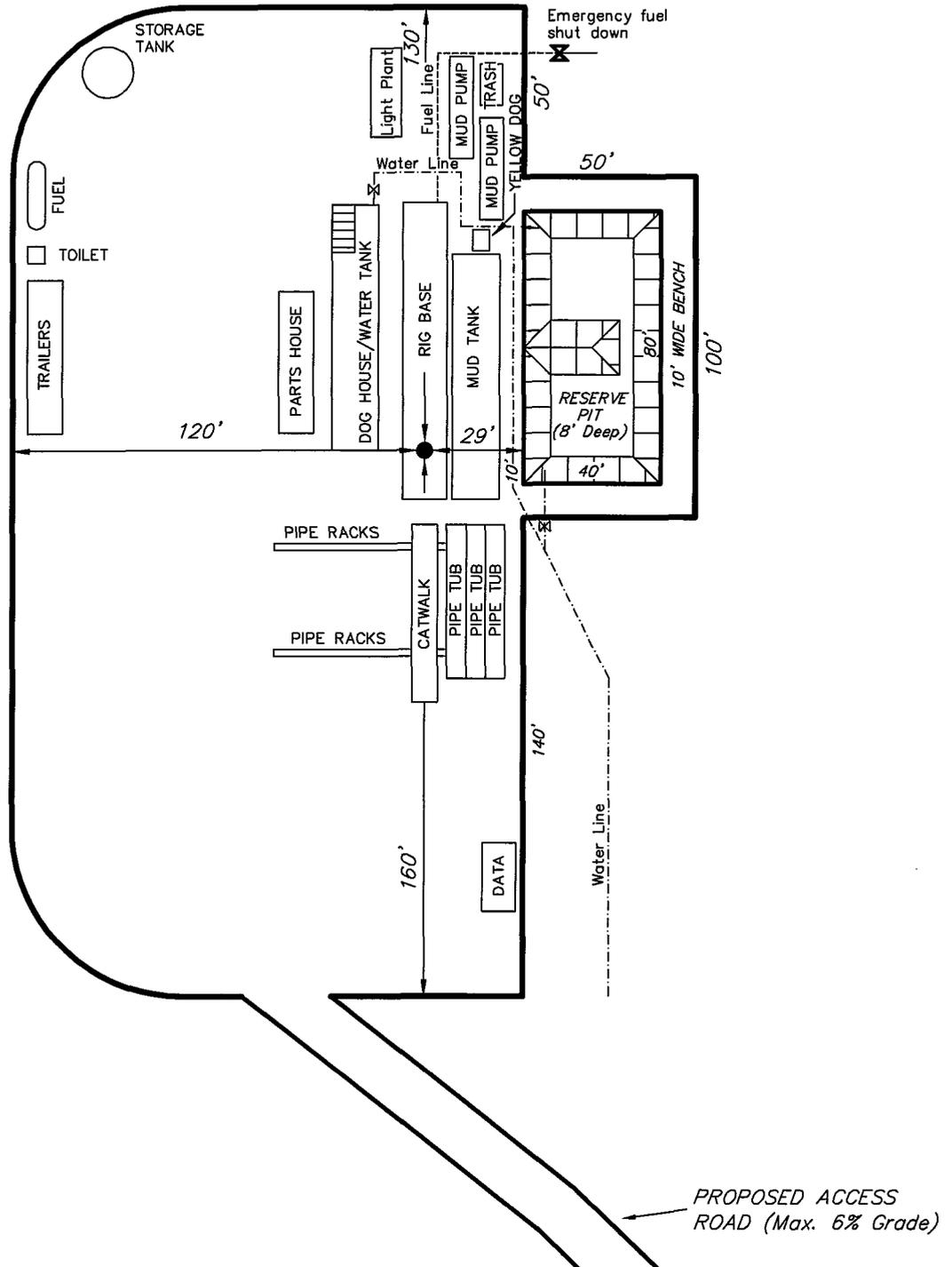
SCALE: 1" = 50'

DRAWN BY: F.T.M.

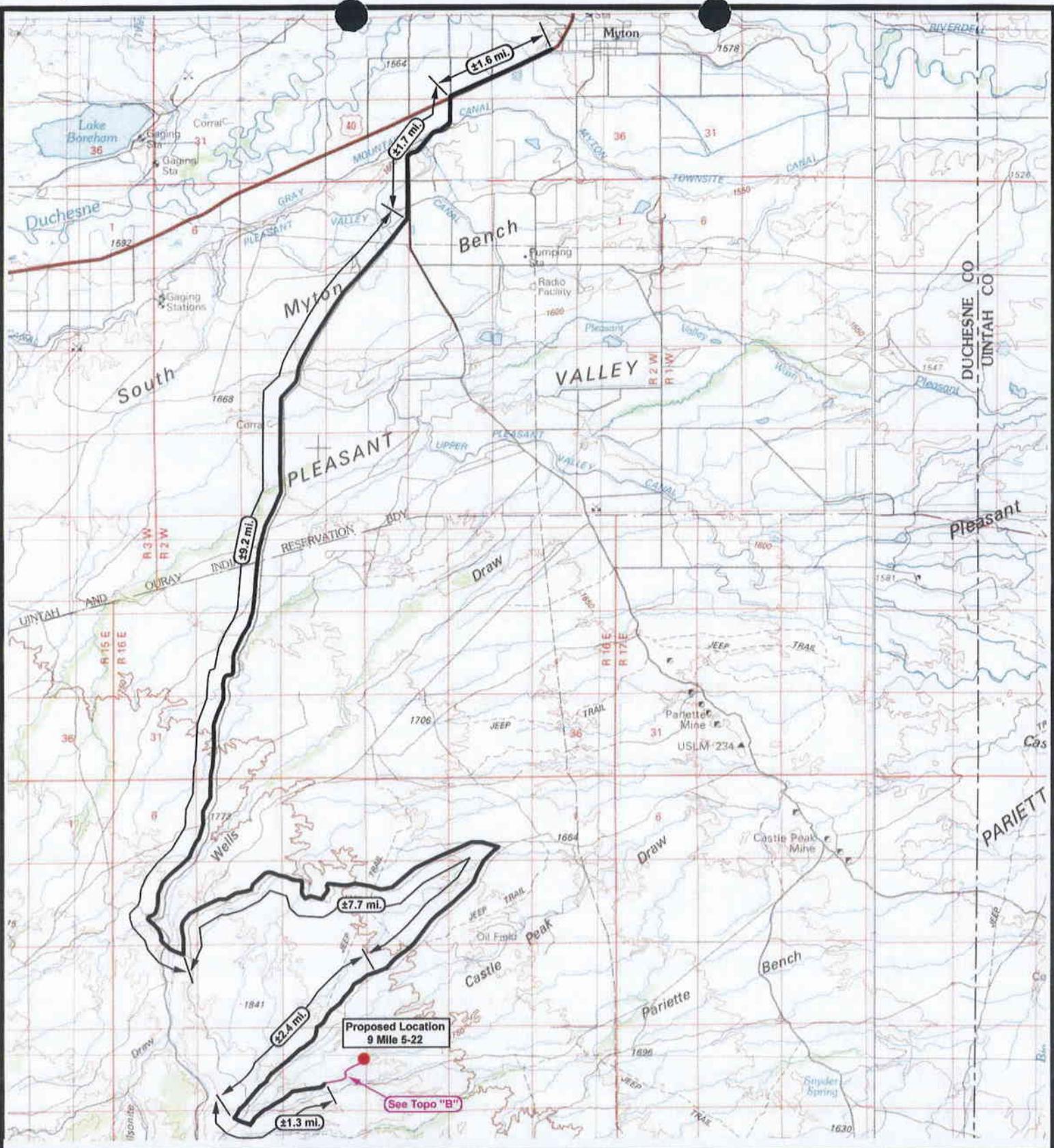
DATE: 12-6-05

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

NEWFIELD PRODUCTION COMPANY
TYPICAL RIG LAYOUT
9 MILE 5-22-9-16



SURVEYED BY: K.G.S.	SCALE: 1" = 50'	 Tri State Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078 (435) 781-2501
DRAWN BY: F.T.M.	DATE: 12-6-05	



NEWFIELD
Exploration Company

9 Mile 5-22-9-16
SEC. 22, T9S, R16E, S.L.B.&M.



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

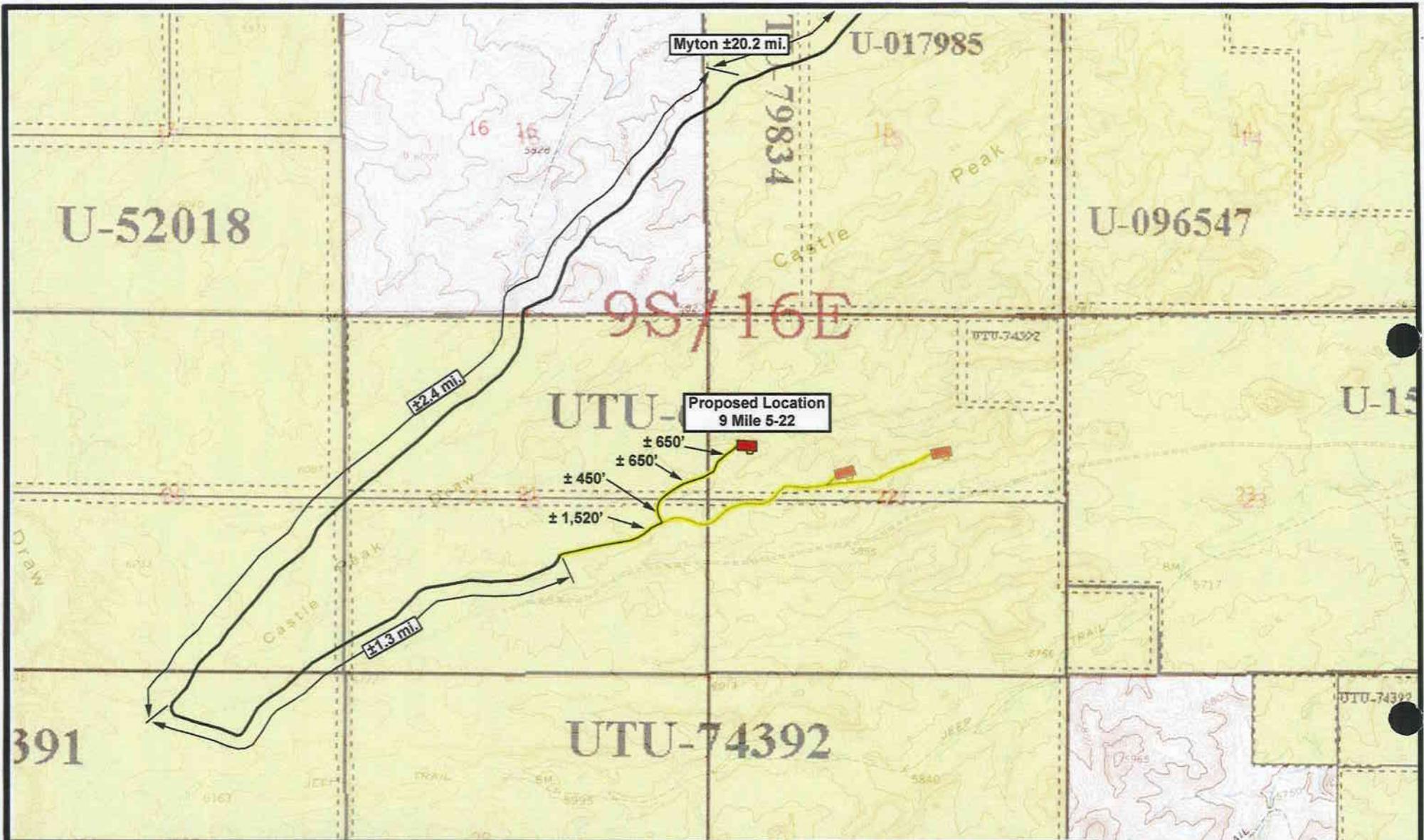
SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 12-06-2005

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

9 Mile 5-22-9-16
SEC. 22, T9S, R16E, S.L.B.&M.



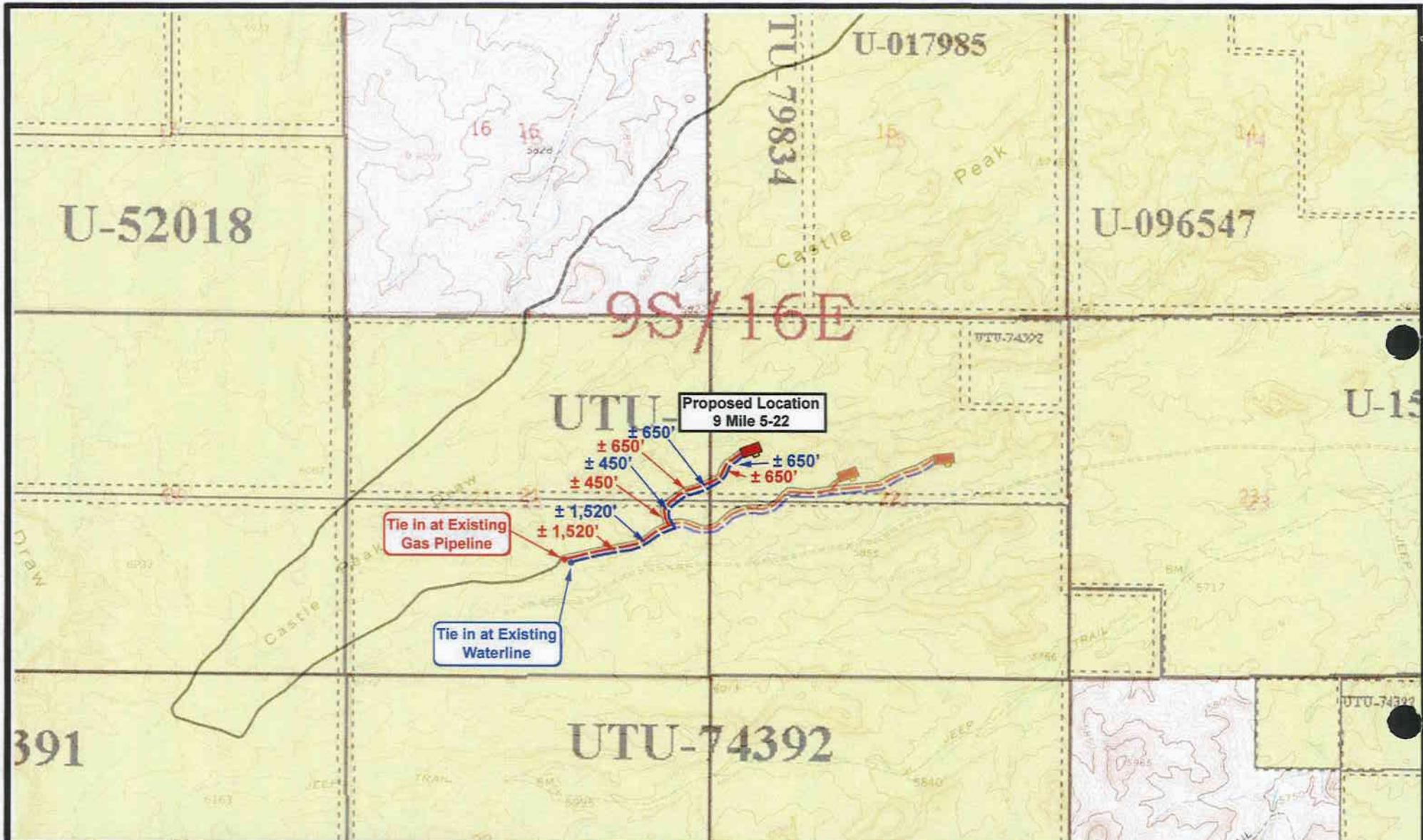
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 12-07-2005

Legend

Existing Road
Proposed Access

TOPOGRAPHIC MAP
"B"



 **NEWFIELD**
Exploration Company

9 Mile 5-22-9-16
SEC. 22, T9S, R16E, S.L.B.&M.



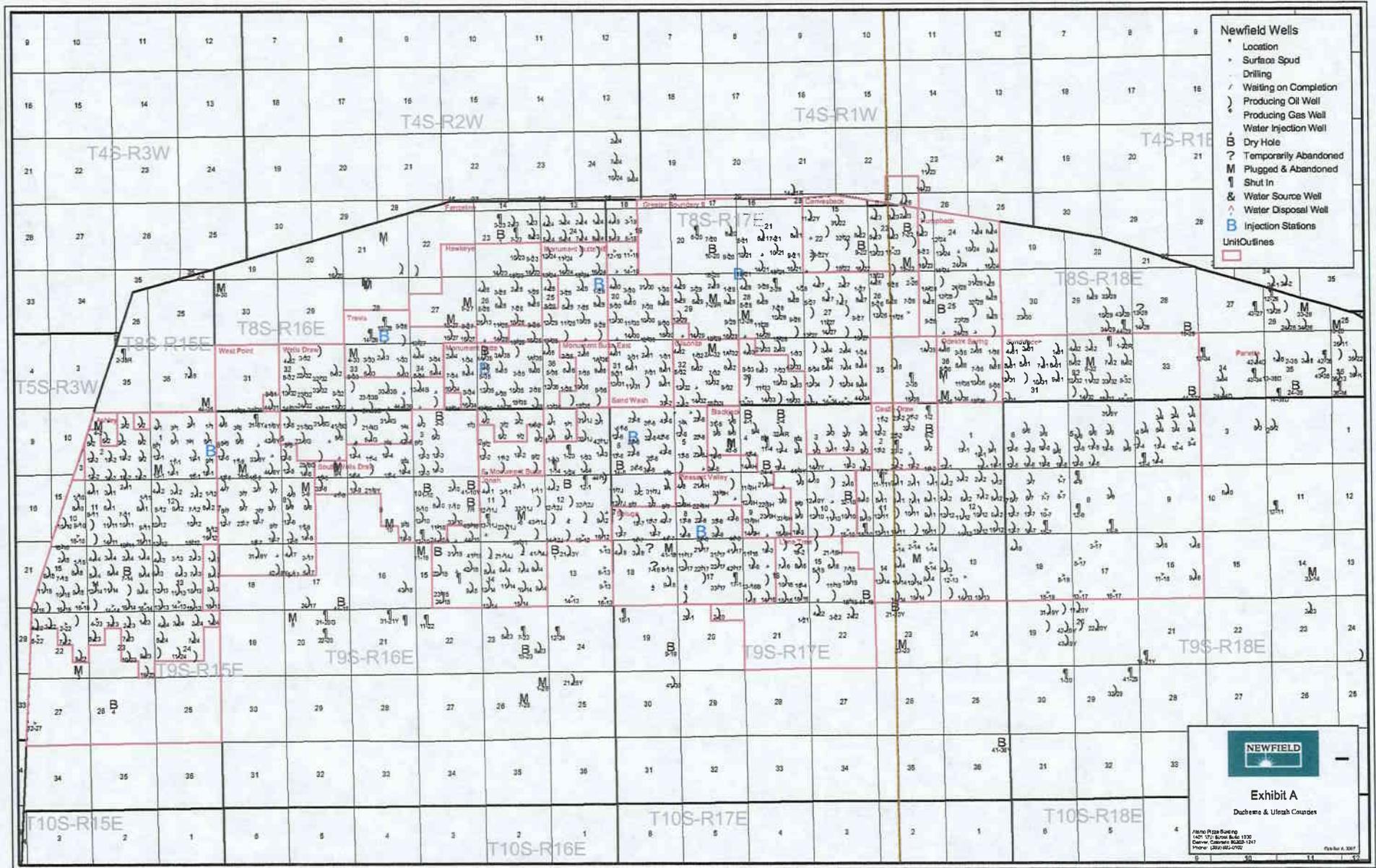
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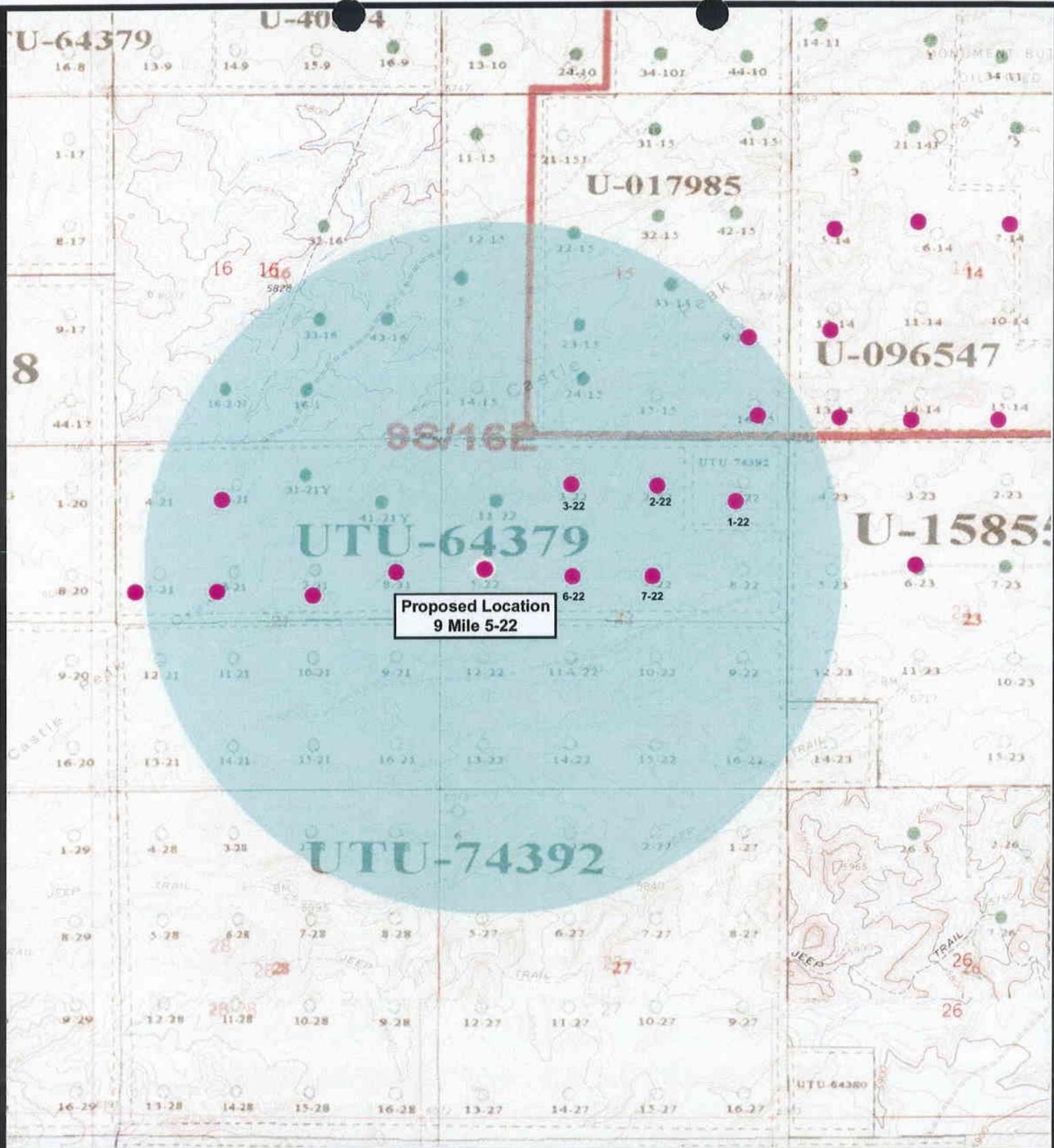
SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 12-07-2005

Legend

-  Roads
-  Proposed Gas Line
-  Proposed Water Line

TOPGRAPHIC MAP
"C"





**Proposed Location
9 Mile 5-22**



NEWFIELD
Exploration Company

9 Mile 5-22-9-16
SEC. 22, 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: 12-07-2005

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

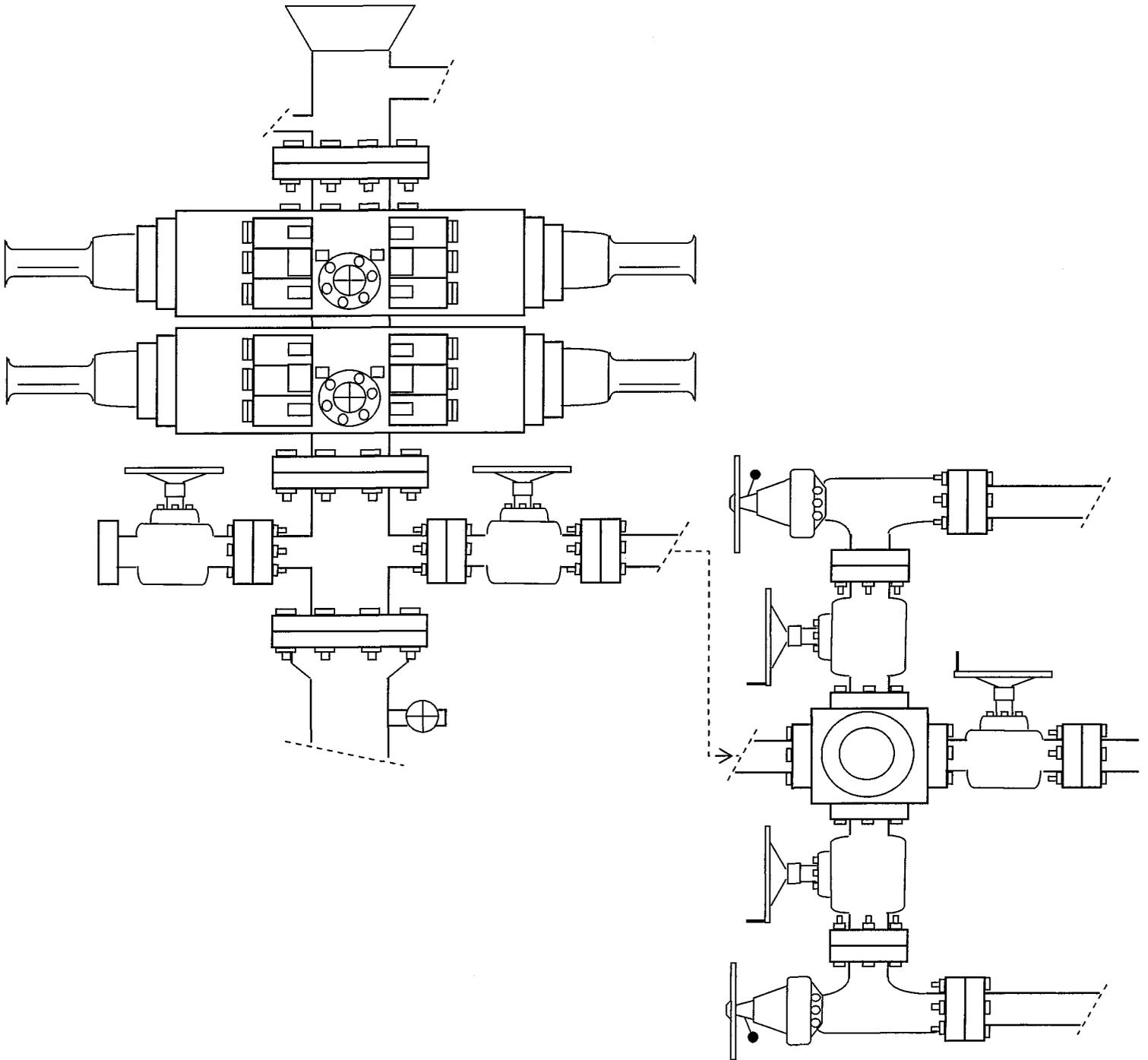


EXHIBIT C

Exhibit "D"

Page 1 of 2

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

By:

Katie Simon

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

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

Prepared By:

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

MOAC Report No. 05-240

July 25, 2005

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

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

NEWFIELD PRODUCTION COMPANY

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

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

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
September 28, 2005

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 01/13/2006

API NO. ASSIGNED: 43-013-33025

WELL NAME: FEDERAL 5-22-9-16
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWNW 22 090S 160E
 SURFACE: 1989 FNL 0613 FWL
 BOTTOM: 1989 FNL 0613 FWL
 COUNTY: DUCHESNE
 LATITUDE: 40.01813 LONGITUDE: -110.1120
 UTM SURF EASTINGS: 575783 NORTHINGS: 4429937
 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)

Potash (Y/N)

Oil Shale 190-5 (B) or 190-3 or 190-13

Water Permit
 (No. MUNICIPAL)

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

Fee Surf Agreement (Y/N)

Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: _____

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

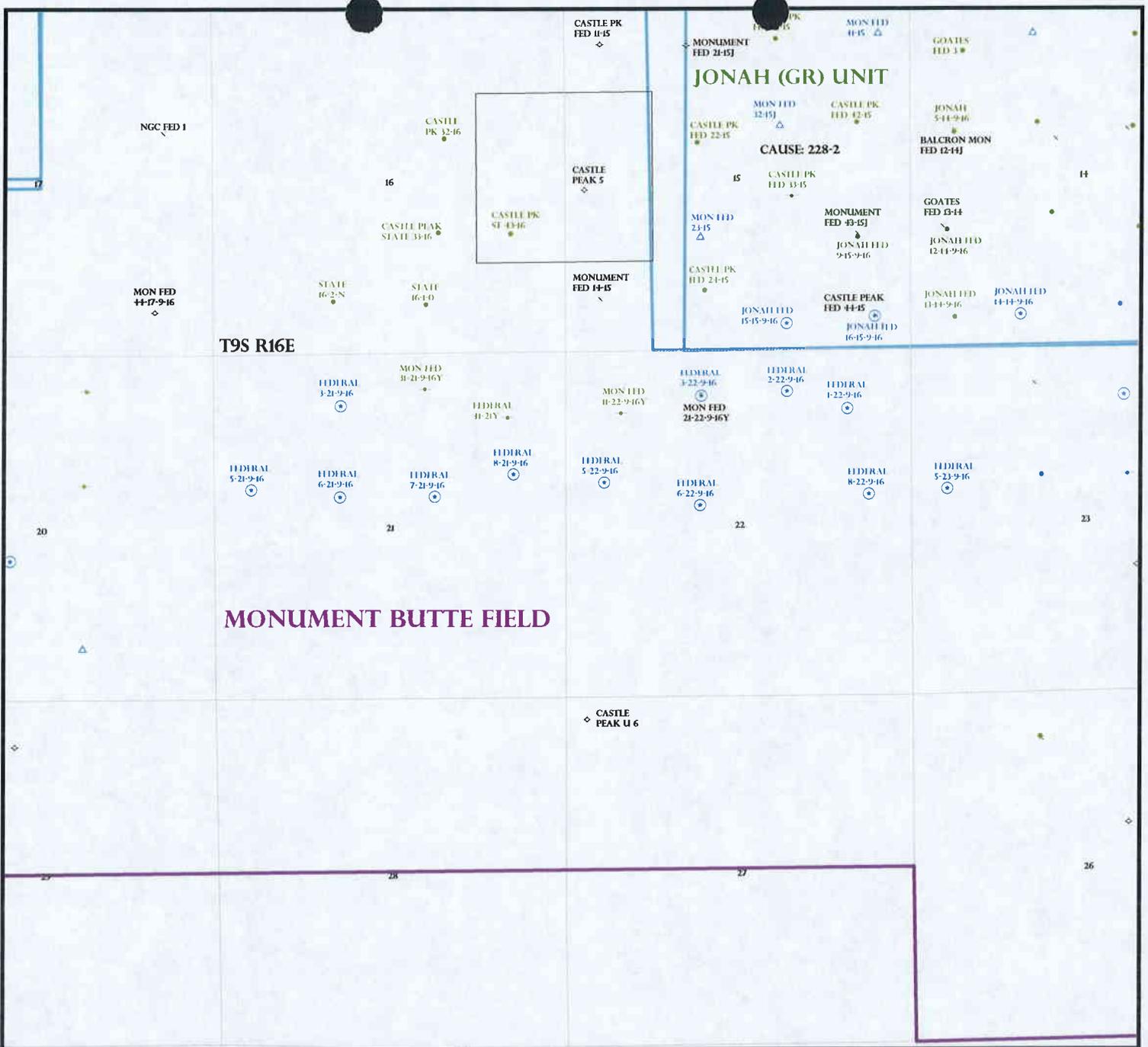
___ R649-3-3. Exception

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

___ R649-3-11. Directional Drill

COMMENTS: See separate file

STIPULATIONS: 1- Federal Approval
2- Spacing Slip



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 21,22 T. 9S R. 16E

FIELD: MONUMENT BUTTE (105)

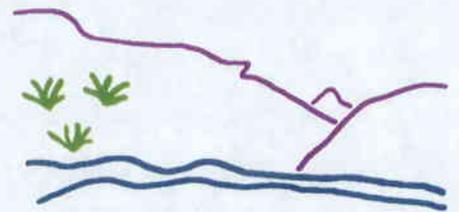
COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

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

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

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



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 20-JANUARY-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

January 23, 2006

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

Re: Federal 5-22-9-16 Well, 1989' FNL, 613' FWL, SW NW, Sec. 22, T. 9 South,
R. 16 East, Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33025.

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 5-22-9-16
API Number: 43-013-33025
Lease: UTU-64379

Location: SW NW Sec. 22 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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

UTU-64379

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

FEDERAL 5-22-9-16

9. API Well No.

43-013-33025

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.

SUBMIT IN TRIPLICATE

1. Type of Well

<input checked="" type="checkbox"/> Oil Well	<input type="checkbox"/> Gas Well	<input type="checkbox"/> Other
--	-----------------------------------	--------------------------------

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1989 FNL 613 FWL SW/NW Section 22, T9S R16E

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

TYPE OF SUBMISSION

TYPE OF ACTION

<input checked="" type="checkbox"/> Notice of Intent
<input type="checkbox"/> Subsequent Report
<input type="checkbox"/> Final Abandonment Notice

<input type="checkbox"/> Abandonment
<input type="checkbox"/> Recompletion
<input type="checkbox"/> Plugging Back
<input type="checkbox"/> Casing Repair
<input type="checkbox"/> Altering Casing
<input checked="" type="checkbox"/> Other <u>Permit Extension</u>

<input type="checkbox"/> Change of Plans
<input type="checkbox"/> New Construction
<input type="checkbox"/> Non-Routine Fracturing
<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Conversion to Injection
<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 1/23/06 (expiration 1/23/07).

This APD has not been approved yet by the BLM.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 01-08-07
By: [Signature]

1-9-07
RM

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

Signed

[Signature]
Mandie Crozier

Title

Regulatory Specialist

Date

1/5/2007

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

CC: Utah DOGM

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

JAN 08 2007

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

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

API: 43-013-33025
Well Name: Federal 5-22-9-16
Location: SW/NW Section 22, T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 1/23/2006

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

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

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

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

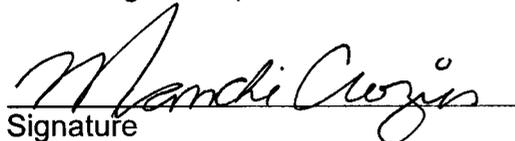
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

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

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

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

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


Signature

1/5/2007
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

JAN 08 2007

REGISTRATION

RECEIVED

JAN 13 2006

RECEIVED

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.
UTU-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 5-22-9-16

9. ABL Well No.
43,013,33025

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
SW/NW Sec. 22, 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 SW/NW 1989' FNL 613' FWL
At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*
Approximatley 24.5 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. 651' 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. 1521'

19. Proposed Depth
5965'

20. BLM/BIA Bond No. on file
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5918' GL

22. Approximate date work will start*
1st Quarter 2006

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

24. Attachments

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

- 1. Well plat certified by a registered surveyor.
- 2. A Drilling Plan.
- 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

- 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- 5. Operator certification.
- 6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature *Mandie Crozier*
Title
Regulatory Specialist

Name (Printed/Typed)
Mandie Crozier

Date
1/11/06

Approved by (Signature) *[Signature]*
Title
Assistant Field Manager
Lands & Mineral Resources

Name (Printed/Typed)
TERRY KAUCEKA

Date
10-2-2007

Office
VERNAL FIELD OFFICE

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

Conditions of approval, if any, are attached.

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 CONDITIONS RECEIVED APPROVAL ATTACHED
OCT 10 2007

DIV. OF OIL, GAS & MINING

07BM4729A



**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
Well No: Federal 5-22-9-16
API No: 43-013-33025

Location: SWNW, Sec 22, T9S, R16E
Lease No: UTU-64379
Agreement: N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	435-781-4490	435-828-4470
Petroleum Engineer:	Michael Lee	435-781-4432	435-828-7875
Petroleum Engineer:	James Ashley	435-781-4470	435-828-7874
Petroleum Engineer:	Ryan Angus	435-781-4430	435-828-7368
Supervisory Petroleum Technician:	Jamie Sparger	435-781-4502	435-828-3913
NRS/Enviro Scientist:	Paul Buhler	435-781-4475	435-828-4029
NRS/Enviro Scientist:	Karl Wright	435-781-4484	
NRS/Enviro Scientist:	Holly Villa	435-781-4404	
NRS/Enviro Scientist:	Chuck MacDonald	435-781-4441	
NRS/Enviro Scientist:	Jannice Cutler	435-781-3400	
NRS/Enviro Scientist:	Michael Cutler	435-781-3401	
NRS/Enviro Scientist:	Anna Figueroa	435-781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	435-781-3402	
NRS/Enviro Scientist:	Darren Williams	435-781-4447	
NRS/Enviro Scientist:	Nathan Packer	435-781-3405	

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 two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify NRS/Enviro Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS/Enviro Scientist)	-	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 strings
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)**

General Surface COAs

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

•
Lease Notices (field review and RMP):

- Lessee/operator is given notice the area has been identified as containing Golden Eagle habitat. Modifications may be required in the Surface Use Plan to protect the Golden and/or their habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- Lessee/operator is given notice the area has been identified as containing Ferruginous Hawk habitat. Modifications may be required in the Surface Use Plan to protect the Ferruginous Hawk and/or their habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

Comments:

- The proposed area contains poor Mountain Plover habitat due to dense vegetation and many rolling hills.
- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.

Specific Surface COAs

- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.

- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If 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.

Interim Reclamation:

- Where possible, strip six inches of topsoil from the location as shown on the cut sheet. After the well is completed, and the reserve pit is closed, the topsoil shall be spread and re-contoured on the location and immediately seeded with the seed mix below. Topsoil shall not be piled deeper than 2 feet.

The interim seed mix for this location shall be:

Crested wheat grass (*Agropyron cristatum*): 4 lbs/acre
Needle and Thread grass (*Hesperostipa comata*): 4 lbs/acre
Indian Rice grass (*Achnatherum hymenoides*): 4 lbs/acre

All pounds are in pure live seed.

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

Re-seeding may be required if initial seeding is not successful.

- Certified weed free seed and straw shall be used for final and interim and reclamation. The operator shall submit a receipt with certification for the seed and any straw used on location.
- 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, then the area shall be seeded in the same manner as the topsoil.
- There shall be no primary or secondary weeds in the seed mixture.
- The above listed seed mix shall be used to seed all unused portions of the pad including the topsoil and the stock piles, and the reserve pits. Re-seeding may be required if the first seeding is not successful.
- The seed shall be drilled or disked into the ground or hand broadcast onto the ground. Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixtures shall be doubled and the area raked or chained to cover the seed. Seeding shall be conducted in the fall.

- The operator will be responsible for treatment and control of invasive and noxious weeds.
- Once the location is plugged and abandoned, it shall be recontoured to natural topography, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim reclamation bullet statement above. If reclamation seeding shall take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

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

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth

(from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- 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.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- 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.
- 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.
- 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:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location ($\frac{1}{4}$ $\frac{1}{4}$, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - 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).
 - 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.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- 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.
- 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.

- 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.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal 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. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- 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.
- 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 and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- 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.
- 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.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
UTU-64379

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
N/A

8. Well Name and No.
FEDERAL 5-22-9-16

9. API Well No.
43-013-33025

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE COUNTY, UT.

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1989 FNL 613 FWL SW/NW Section 22, T9S R16E

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other **Permit Extension**

Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 1/23/06 (expiration 1/23/08).

This APD is not due to expire with the BLM.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 01-10-08
By: [Signature]

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JAN 09 2008

DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR
Date: 1-14-2008
Initials: KS

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

Signed

[Signature]
Mandie Crozier

Title

Regulatory Specialist

Date

1/8/2008

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

CC: Utah DOGM

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

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

API: 43-013-33025
Well Name: Federal 5-22-9-16
Location: SW/NW Section 22, T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 1/23/2006

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

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

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

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

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

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

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

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

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


Signature

1/7/2008

Date

Title: Regulatory Specialist

Representing: Newfield Production Company

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DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 5-22-9-16

Api No: 43-013-33025 Lease Type: FEDERAL

Section 22 Township 09S Range 16E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 03/18/08

Time 9:00 AM

How DRY

Drilling will Commence: _____

Reported by BRANDON HALL

Telephone # (435) 828-6110

Date 03/18/08 Signed CHD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No. UTU 64379
6. If Indian, Allottee or Tribe Name.
7. If Unit or CA/Agreement, Name and/or
8. Well Name and No. FEDERAL 5-22-9-16
9. API Well No. 4301333025
10. Field and Pool, or Exploratory Area MONUMENT BUTTE
11. County or Parish, State DUCHESNE, UT

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1989 FNL 613 FWL
SWNW Section 22 T9S R16E

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Spud Notice</u>
	<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 3/18/08 MIRU NDSI NS #1 .Spud well @ 9:00am. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 317.89 On 3/22/08 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Celio- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yield. Returned 8 bbls cement to pit. WOC.

SWNW Section 22

TYPE OF SUBMISSION

Notice of Intent

Subsequent Report

Final Abandonment

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

Signature: Don Bastian

Title: Drilling Foreman

Date: 03/22/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

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

Office _____

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)

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MAR 26 2008
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 317.89

LAST CASING 8 5/8" SET AT 317.89'
 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 5-22-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # ND SI NS #1

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 38.96'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	306.04
LAST CASING		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			307.89
TOTAL LENGTH OF STRING		307.89	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			317.89
TOTAL		306.04	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		306.04	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.	Spud	9:00AM	3/18/2008	GOOD CIRC THRU JOB <u>Yes</u>			
CSG' IN HOLE		4:00 PM	3/18/2008	Bbls CMT CIRC TO SURFACE <u>8</u>			
BEGIN CIRC		12:05 PM	3/22/2008	RECIPROCATED PIPE FOR _____ THRU _____ FT STROKE			
BEGIN PUMP CMT		12:20 PM	3/22/2008	N/A			
BEGIN DSPL. CMT		12:33 PM	3/22/2008	BUMPED PLUG TO _____ 740 _____ PSI			
PLUG DOWN		12:35 PM	3/22/2008				

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

CSG IN HOLE

COMPANY REPRESENTATIVE Don Bastian DATE 3/22/2008

BEGIN PUMP CMT
 BEGIN DSPL. CMT
 PLUG DOWN
 CEMENT USED
 STAGE

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU-64379

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

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

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 1989 FNL 613 FWL COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNW, 22, T9S, R16E STATE: UT

8. WELL NAME and NUMBER:
FEDERAL 5-22-9-16

9. API NUMBER:
4301333025

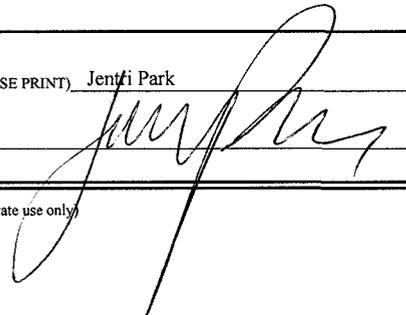
10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> 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:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
05/30/2008	<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 05/09/08, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentfi Park TITLE Production Clerk

SIGNATURE  DATE 05/30/2008

(This space for State use only)

RECEIVED
JUN 04 2008
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 5-22-9-16

3/1/2008 To 7/30/2008

4/30/2008 Day: 1

Completion

Rigless on 4/29/2008 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5856' & cement top @ 114'. Perforate stage #1. LODC sds @ 5307- 13', 5285- 93', 5240- 48' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 88 shots. 140 BWTR. SIFN.

5/7/2008 Day: 2

Completion

Rigless on 5/6/2008 - RU BJ Services "Ram Head" frac flange. RU BJ & frac LODC sds, stage #1 down casing w/ 99,254#'s of 20/40 sand in 750 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2703 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 2444 w/ ave rate of 28.6 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2669. 890 bbls EWTR. Leave pressure on well. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (10K) solid composite frac plug. Set plug @ 4916'. Bled pressure off well. RD lines to well & tighten well head (leak in threads on 5-1/2"). Test well to 4500 psi. RU WLT. RIH w/ 7' perf gun. Perforate A.5 sds @ 4916-23' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 spf for total of 28 shots. RU BJ & frac stage #2 w/ 19,006#'s of 20/40 sand in 304 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2599 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 2172 w/ ave rate of 23.4 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2395. 1194 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 9' perf gun.. Set plug @ 4870'. Perforate B2 sds @ 4826-35' w/ 4 spf for total of 36 shots. RU BJ & frac stage #3 w/ 29,485#'s of 20/40 sand in 377 bbls of Lightning 17 frac fluid. Open well w/ 1584 psi on casing. Perfs broke down @ 1922 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 1724 w/ ave rate of 23.4 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1676. 1571 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 5' & 5' perf guns. Set plug @ 4690'. Perforate D1 sds @ 4583-88' & 4551-56' w/ 4 spf for total of 40 shots. RU BJ & frac stage #4 w/ 19,618#'s of 20/40 sand in 297 bbls of Lightning 17 frac fluid. Open well w/ 1455 psi on casing. Perfs broke down @ 2524 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 1788 w/ ave rate of 23.2 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1868. 1868 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 8' perf gun. Set plug @ 4320'. Perforate PB7 sds @ 4208-16' w/ 4 spf for total of 32 shots. RU BJ & frac stage #5 w/ 24,768#'s of 20/40 sand in 330 bbls of Lightning 17 frac fluid. Open well w/ 1162 psi on casing. Perfs broke down @ 2970 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 2518 w/ ave rate of 23.2 bpm w/ 6.5 ppg of sand. ISIP was 2984. 2198 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 1/2 hours & died w/ 30 bbls rec'd. SIFN.

5/8/2008 Day: 3

Completion

Rigless on 5/7/2008 - MIRUSU. Open well w/ 0 psi on casing. RD Cameron BOP's & 5K frac head. Instal 3K production tbg head & Scheafer BOP's. Unload tbg on racks.

- RU 4-3/4" Chomp mill & X-over. Tally, pick up & TIH w/ new J-55, 2-7/8", 6.5# tbg to tag sand @ 4187'. RU swivel, pump & tanks. C/O to plug @ 4320'. Drig out plug #1. TIH w/ tbg to tag plug @ 4690'. Drig out plug #2. TIH w/ tbg to tag plug @ 4870'. Drig out plug #3. TIH w/ tbg to tag plug @ 4916'. Drig out plug #4. TIH w/ tbg to tag sand @ 4920'. SIFN.

5/9/2008 Day: 4

Completion

Western #1 on 5/8/2008 - Open well w/ 0 psi on casing. C/O to PBD @ 5898'. LD 2 jts tbg. RU swab equipment. Made 9 runs to rec'd 103 bbls of fluid. IFL was surface. FFL was 800'. Last run showed trace of oil w/ no sand. RD swab. TIH w/ tbg to tag PBD @ 5898'. 12' of new sand. Circulate well clean. TOOH w/ bg. LD bit & bit sub. TIH w/ NC, 2 jts tbg, SN, 2 jt tbg, TA new CDI w/ 45,000# shear, 167 jts tbg. RD BOP's. Set TA w/ 16,000#'s tension @ 5262' w/ SN @ 5328' & EOT @ 5392'. SIFN.

5/10/2008 Day: 5

Completion

Western #1 on 5/9/2008 - Open well w/ 75 psi on casing. Flush tbg w/ 60 bbls water. Pick up & prime pump. TIH w/ new CDI 2-1/2" x 1-1/2" x 12' x 15' RHAC pump w/ 118"SL, 6- 1-1/2" weight rods, 20- 3/4" guided rods, 87- 3/4" plain rods, 99- 3/4" guided rods, 2', 6' pony rods, 1-1/2" x 26' polishd rod. Space pump. Test tbg & pump to 800 psi. RDMOSU. POP @ 12PM w/ 4 SPM w/ 86"SL. Final report.

Pertinent Files: Go to File List

(See other instructions on reverse side)

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

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

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 5-22-9-16

9. WELL NO.

43-013-33025

10. FIELD AND POOL OR WILDCAT

Monument Butte

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

Sec. 22, T9S, R16E

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

19. ELEV. CASINGHEAD

5930' KB

20. TOTAL DEPTH, MD & TVD

5925'

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

5898'

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 4208'-5313'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, 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#	318'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5920'	7-7/8"	300 sx Premlite II and 400 sx 50/50 Poz	

29. LINER RECORD

30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5392'	TA @ 5262'

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
(LODC) 5307'-13', 5285'-93', 5240'-48'	.49"	4/88	5240'-5313'	Frac w/ 99,254# 20/40 sand in 750 bbls fluid
(A.5) 4916'-23'	.49"	4/28	4916'-4923'	Frac w/ 19,006# 20/40 sand in 304 bbls fluid
(B2) 4826'-4835'	.49"	4/36	4826'-4835'	Frac w/ 29,485# 20/40 sand in 377 bbls fluid
(D1) 4583'-88', 4551'-56'	.49"	4/40	4551'-4588'	Frac w/ 19,618# 20/40 sand in 297 bbls fluid
(PB7) 4208'-4216'	.49"	4/32	4208'-4216'	Frac w/ 24,768# 20/40 sand 330 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION 05-11-08	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 12' x15' RHAC SM Plunger Pump	WELL STATUS (Producing or shut-in) PRODUCING					
DATE OF TEST 05-16-08	HOURS TESTED	CHOKE SIZE	PRODN. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
			----->	75	13	17	173
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
		----->					

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

Sold & Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED

Jenri Park

TITLE

Production Tech

DATE

MAY 12 2008

DIV. OF OIL, GAS & MINING

RECEIVED

JUL 07 2008

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	TRUE VERT. DEPTH	
			<p style="text-align: center;">Well Name Federal 5-22-9-16</p>			
				Garden Gulch Mkr	3550'	
				Garden Gulch 1	3761'	
				Garden Gulch 2	3874'	
				Point 3 Mkr	4115'	
				X Mkr	4373'	
				Y-Mkr	4415'	
				Douglas Creek Mkr	4533'	
				BiCarbonate Mkr	4762'	
				B Limestone Mkr	4861'	
				Castle Peak	5388'	
			Basal Carbonate	5848'		
			Total Depth (LOGGERS)	5925'		

NEWFIELD



Well Name: Federal 5-22-9-16

LOCATION: S22, T9S, R16E

COUNTY/STATE: Duchesne

API: 43-013-33025

Spud Date: 3-18-08

TD: 5925'

CSG: 4-17-08

POP: 5-9-08

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	SPM	Comments
5/9/2008				2168				POP @ 12:00 P.M. w/ 86" SL @ 5 SPM. 2168 Total water to recover.
5/10/2008	17	0	75	2093	0	68	5	
5/11/2008	24	5	82	2011	7	68	5	
5/12/2008	24	28	71	1940	7	70	5	
5/13/2008	24	32	58	1882	7	65	5	
5/14/2008	24	55	43	1839	7	70	5	
5/15/2008	24	12	75	1764	7	70	5	tubing 60
5/16/2008	24	75	17	1747	13	70	5	tubing 60
5/17/2008	24	12	55	1692	7	50	5	
5/18/2008	24	13	68	1624	6	65	5	Tubing 70
5/19/2008	24	27	67	1557	0	40	5	Tubing 60
5/20/2008	24	15	70	1487	0	50	5	Tubing 60
5/21/2008	12	15	58	1429	0	30	5	Down - low oil
5/22/2008	24	12	75	1354	4	40	5	
5/23/2008	24	17	70	1284	5	52	5	
5/24/2008	24	18	73	1211	4	60	5	
5/25/2008	24	15	73	1138	4	67	5	
5/26/2008	24	12	78	1060	4	68	5	
5/27/2008	24	12	81	979	4	68	5	
5/28/2008	24	13	46	933	5	90	5	
5/29/2008	24	3	92	841	7	30	5	
5/30/2008	24	28	73	768	9	40	6 1/4	
5/31/2008	24	65	83	685	23	50	6 1/4	
6/1/2008	24	5	93	592	8	70	6 1/4	
6/2/2008	24	22	90	502	5	55	6 1/4	
6/3/2008				502				
6/4/2008				502				
6/5/2008				502				
6/6/2008				502				
6/7/2008				502				
6/8/2008				502				
6/9/2008				502				
		511	1666		143			

38094

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 5-22-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013330250000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1989 FNL 0613 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 22 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: 9/18/2012	<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 09/14/2012. New perforations added: C sands 4712-4718' 3 JSPF, GB6 sands 4057-4060' 3 JSPF, & GB4 sands 4023-4026' 3 JSPF. On 09/17/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/18/2012 the casing was pressured up to 1550 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 140 psig during the test. There was a State representative available to witness the test - Chris Jensen.

Accepted by the Utah Division of Oil, Gas and Mining

Date: September 24, 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: Chris Jensen Date 9/18/12 Time 10:10 am pm
Test Conducted by: Kody Olson
Others Present: _____

Well: <u>FEDERAL 5-22-9-16</u>	Field: <u>MON. BUTTE</u>
Well Location: <u>SW/NW SEC. 22, T9S, R16E</u>	API No: <u>43-013-33025</u>
<u>DUCHESNE, CTY, UT</u>	<u>UTU 87538X</u>

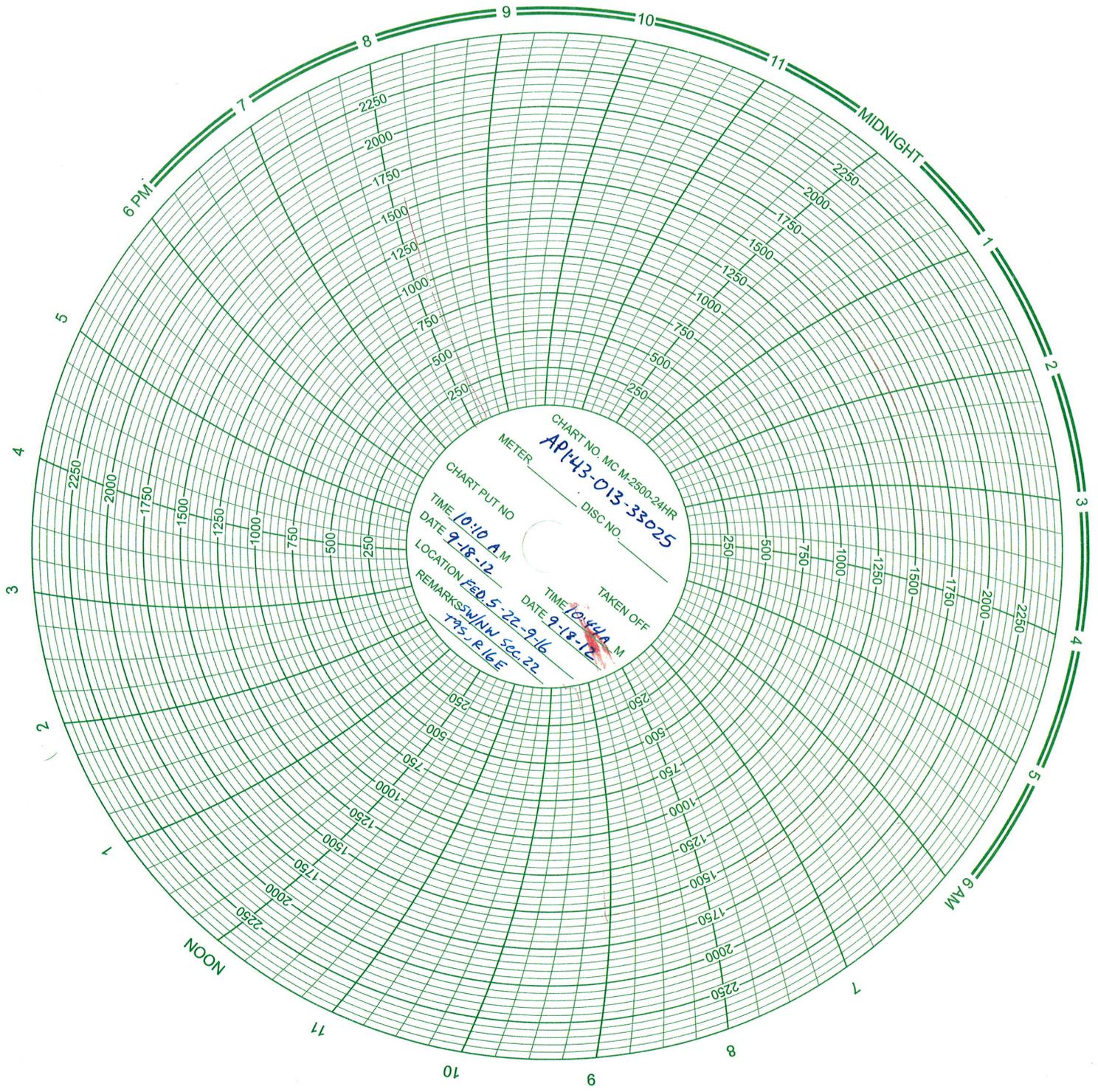
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1550</u>	psig
5	<u>1550</u>	psig
10	<u>1550</u>	psig
15	<u>1550</u>	psig
20	<u>1550</u>	psig
25	<u>1550</u>	psig
30 min	<u>1550</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 140 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: Kody Olson



Daily Activity Report

Format For Sundry

FEDERAL 5-22-9-16

7/1/2012 To 11/30/2012

9/12/2012 Day: 3

Conversion

WWS #5 on 9/12/2012 - Perforate GB4, GB6 & C sands. PU tandom RBP & Pkr on 2 7/8" N-80 6.5# 8rd EUE workstring. Frac C sands. - Open well for flowback on 30/64 choke @ approx 3 BPM. Flow until dead. Recovered approx 60 bbls. Release Pkr & circulate tbg clean. Circulate down to RBP @ 4772'. Circulate well clean. Latch onto & release RBP. PUH & set RBP @ 4134'. PUH & leave EOT @ 4040'. SWIFN. - MIRU WWS #3. - Open well for flowback on 30/64 choke @ approx 3 BPM. Flow until dead. Recovered approx 60 bbls. Release Pkr & circulate tbg clean. Circulate down to RBP @ 4772'. Circulate well clean. Latch onto & release RBP. PUH & set RBP @ 4134'. PUH & leave EOT @ 4040'. SWIFN. - Frac C sds down tbg w/ 10,839#s 20/40 white sand in 126 bbls lightning 17 frac fluid. 0 psi on well. Broke @ 3325 psi @ 4.7 BPM w/ 14.4 BW. ISIP 1425 psi, FG:.73, 1 min SIP 990 psi, 4 min SIP 486 psi. Pumped 500 gal 15% HCL. Treated w/ ave pressure of 5164 psi w/ ave rate of 16.7 BPM. Max pressure of 6691 psi & max rate of 18.9 BPM. ISDP 1789 psi, FG:.81, 5 min SIP 1619 psi, 10 min SIP 1487 psi, 15 min SIP 1381 psi. - Frac C sds down tbg w/ 10,839#s 20/40 white sand in 126 bbls lightning 17 frac fluid. 0 psi on well. Broke @ 3325 psi @ 4.7 BPM w/ 14.4 BW. ISIP 1425 psi, FG:.73, 1 min SIP 990 psi, 4 min SIP 486 psi. Pumped 500 gal 15% HCL. Treated w/ ave pressure of 5164 psi w/ ave rate of 16.7 BPM. Max pressure of 6691 psi & max rate of 18.9 BPM. ISDP 1789 psi, FG:.81, 5 min SIP 1619 psi, 10 min SIP 1487 psi, 15 min SIP 1381 psi. - Frac C sds down tbg w/ 10,839#s 20/40 white sand in 126 bbls lightning 17 frac fluid. 0 psi on well. Broke @ 3325 psi @ 4.7 BPM w/ 14.4 BW. ISIP 1425 psi, FG:.73, 1 min SIP 990 psi, 4 min SIP 486 psi. Pumped 500 gal 15% HCL. Treated w/ ave pressure of 5164 psi w/ ave rate of 16.7 BPM. Max pressure of 6691 psi & max rate of 18.9 BPM. ISDP 1789 psi, FG:.81, 5 min SIP 1619 psi, 10 min SIP 1487 psi, 15 min SIP 1381 psi. - MIRU Baker Hughes frac equipment. - MIRU Baker Hughes frac equipment. - MIRU Baker Hughes frac equipment. - Talley & PU Weatherford RBP & Pkr, 151- jts 2 7/8" N-80 6.5# 8rd EUE work string. Set RBP @ 4772'. PUH & set Pkr @ 4667'. - Talley & PU Weatherford RBP & Pkr, 151- jts 2 7/8" N-80 6.5# 8rd EUE work string. Set RBP @ 4772'. PUH & set Pkr @ 4667'. - Talley & PU Weatherford RBP & Pkr, 151- jts 2 7/8" N-80 6.5# 8rd EUE work string. Set RBP @ 4772'. PUH & set Pkr @ 4667'. - RU Perforators WLT. PU & RIH w/ perf guns. Perforate C sds from 4716-18' & 4712-13', GB6 sds @ 4057-60' & GB4 sds @ 4023-26' w/ Disposable slick guns @ 3 SPF 120° phasing (16 gram, .34" EH, 21.00" pen). RD Perforators WLT. - RU Perforators WLT. PU & RIH w/ perf guns. Perforate C sds from 4716-18' & 4712-13', GB6 sds @ 4057-60' & GB4 sds @ 4023-26' w/ Disposable slick guns @ 3 SPF 120° phasing (16 gram, .34" EH, 21.00" pen). RD Perforators WLT. - RU Perforators WLT. PU & RIH w/ perf guns. Perforate C sds from 4716-18' & 4712-13', GB6 sds @ 4057-60' & GB4 sds @ 4023-26' w/ Disposable slick guns @ 3 SPF 120° phasing (16 gram, .34" EH, 21.00" pen). RD Perforators WLT. - RD pumping unit. Unseat rod pump w/ 8K over string weight. Pump 45 BW down tbg @ 250°. Soft seat rod pump. Fill tbg w/ 10 BW & pressure test tbg to 3000 psi. LD rods as follows: 1 1/2" X 26' polish rod., 1- 4'X3/4" pony rod, 98- 3/4" 4per guided rods, 59- 3/4" plain rods, 48- 3/4" 4per guided rods, 6- 1 1/2" weight rods w/ stabilizers & rod pump. Flushed rods w/ additional 20 BW @ 250° during TOO. ND wellhead. Release TA. NU BOPs. RU rig floor & tbg equipment. TOO. w/ 128- jts 2 7/8" J-55 6.5# 8rd EUE tbg (talleying, breaking every collar & applying Liquid O-ring to threads). LD 43- jts 2 7/8" J-55 6.5# 8rd EUE tbg on trailer. LD BHA. Flushed tbg w/ 30 BW @ 250° during TOO. SWIFN. - RD pumping unit. Unseat rod pump w/ 8K over string weight. Pump 45 BW down tbg @ 250°. Soft seat rod pump. Fill tbg w/ 10 BW & pressure test tbg to 3000 psi. LD rods as follows: 1 1/2" X 26' polish rod., 1- 4'X3/4" pony rod, 98- 3/4" 4per guided rods, 59- 3/4" plain rods, 48- 3/4" 4per guided rods, 6- 1 1/2" weight rods w/ stabilizers & rod pump. Flushed rods w/ additional 20 BW @ 250° during TOO. ND wellhead. Release TA. NU BOPs. RU rig floor & tbg equipment. TOO. w/ 128- jts 2

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Daily Cost: \$0

Cumulative Cost: \$18,963

9/13/2012 Day: 4**Conversion**

WWS #5 on 9/13/2012 - Frac GB6 & GB4 sds. LD frac string. RIH w/ injection BHA & 54- jts 2 7/8" J-55 6.5# 8rd EUE tbg. - LD 71-jts 2 7/8" N-80 6.5# 8rd EUE tbg on trailer. LD 210- jts 2 7/8" N-80 6.5# 8rd EUE tbg on float. LD Weatherford Pkr & RBP. - Wait 2 hours for trailer to LD frac string. - RD Baker Hughes frac equipment. Open for immediate flowback on 30/64 choke @ approx 3 BPM. Recovered approx 50 BW. Release Pkr & circulate well clean. Circulate down to RBP @ 4041'. Circulate well clean. Latch onto & release RBP. - RU Baker Hughes pump line. Frac GB4 sds down tbg w/ 20,651#s 20/40 white sand in 182 bbls lightning 17 frac fluid. 17 psi on well. Broke @ 4215 psi @ 2.7 BPM w/ 2.8 BW. ISIP 1421 psi, FG:.81, 1 min SIP 879 psi, 4 min SIP 519 psi. Pumped 500 gal 15% HCL. Treated w/ ave pressure of 4456 psi w/ ave rate of 17.2 BPM. Max pressure of 6199 psi & max rate of 18.9 BPM. ISDP 1492 psi, FG:.72, 5 min SIP 1238 psi, 10 min SIP 1150 psi, 15 min SIP 1096 psi. - Open for immediate flowback on 30/64 choke @ approx 3 BPM. Recovered approx 90 BW. Release Pkr & circulate well clean. Circulate down to RBP @ 4134'. Circulate well clean. Latch onto & release RBP. PUH & set RBP @ 4041'. PUH & set Pkr w/ CE @ 3974' & EOT @ 3983'. - Set Pkr w/ CE @ 4040' & EOT @ 4049'. RU Baker Hughes pump line. Frac GB6 sds down tbg w/ 18,889#s 20/40 white sand in 192 bbls lightning 17 frac fluid. 0 psi on well. Broke @ 4153 psi @ 3.5 BPM w/ 3.1 BW. ISIP 1135 psi, FG:.73, 1 min SIP 952 psi, 4 min SIP 678 psi. Pumped 500 gal 15% HCL. Treated w/ ave pressure of 4484 psi w/ ave rate of 16.7 BPM. Max pressure of 6237 psi & max rate of 18.9 BPM. ISDP 1527 psi, FG:.83, 5 min SIP 1330 psi, 10 min SIP 1252 psi, 15 min SIP 1202 psi. - PU & TIH w/ BHA & injection tbg as follows: WL re-entry guide, 2 3/8" XN profile nipple, 2 3/8 X 4' J-55 4.7# 8rd EUE tbg sub, Arrowset 1-X packer, on/off tool, 2 7/8" SN & 54- jts 2 7/8" J-55 6.5# 8rd EUE tbg. SWIFN. - LD 71-jts 2 7/8" N-80 6.5# 8rd EUE tbg on trailer. LD 210- jts 2 7/8" N-80 6.5# 8rd EUE tbg on float. LD Weatherford Pkr & RBP. - Wait 2 hours for trailer to LD frac string. - RD Baker Hughes frac equipment. Open for immediate flowback on 30/64 choke @ approx 3 BPM. Recovered approx 50 BW. Release Pkr & circulate well clean. Circulate down to RBP @ 4041'. Circulate well clean. Latch onto & release RBP. - RU Baker Hughes pump line. Frac GB4 sds down tbg w/ 20,651#s 20/40 white sand in 182 bbls lightning 17 frac fluid. 17 psi on well. Broke @ 4215

psi @ 2.7 BPM w/ 2.8 BW. ISIP 1421 psi, FG:.81, 1 min SIP 879 psi, 4 min SIP 519 psi. Pumped 500 gal 15% HCL. Treated w/ ave pressure of 4456 psi w/ ave rate of 17.2 BPM. Max pressure of 6199 psi & max rate of 18.9 BPM. ISDP 1492 psi, FG:.72, 5 min SIP 1238 psi, 10 min SIP 1150 psi, 15 min SIP 1096 psi. - Open for immediate flowback on 30/64 choke @ approx 3 BPM. Recovered approx 90 BW. Release Pkr & circulate well clean. Circulate down to RBP @ 4134'. Circulate well clean. Latch onto & release RBP. PUH & set RBP @ 4041'. PUH & set Pkr w/ CE @ 3974' & EOT @ 3983'. - Set Pkr w/ CE @ 4040' & EOT @ 4049'. RU Baker Hughes pump line. Frac GB6 sds down tbg w/ 18,889#s 20/40 white sand in 192 bbls lightning 17 frac fluid. 0 psi on well. Broke @ 4153 psi @ 3.5 BPM w/ 3.1 BW. ISIP 1135 psi, FG:.73, 1 min SIP 952 psi, 4 min SIP 678 psi. Pumped 500 gal 15% HCL. Treated w/ ave pressure of 4484 psi w/ ave rate of 16.7 BPM. Max pressure of 6237 psi & max rate of 18.9 BPM. ISDP 1527 psi, FG:.83, 5 min SIP 1330 psi, 10 min SIP 1252 psi, 15 min SIP 1202 psi. - PU & TIH w/ BHA & injection tbg as follows: WL re-entry guide, 2 3/8" XN profile nipple, 2 3/8 X 4' J-55 4.7# 8rd EUE tbg sub, Arrowset 1-X packer, on/off tool, 2 7/8" SN & 54- jts 2 7/8" J-55 6.5# 8rd EUE tbg. SWIFN. - LD 71-jts 2 7/8" N-80 6.5# 8rd EUE tbg on trailer. LD 210-jts 2 7/8" N-80 6.5# 8rd EUE tbg on float. LD Weatherford Pkr & RBP. - Wait 2 hours for trailer to LD frac string. - RD Baker Hughes frac equipment. Open for immediate flowback on 30/64 choke @ approx 3 BPM. Recovered approx 50 BW. Release Pkr & circulate well clean. Circulate down to RBP @ 4041'. Circulate well clean. Latch onto & release RBP. - RU Baker Hughes pump line. Frac GB4 sds down tbg w/ 20,651#s 20/40 white sand in 182 bbls lightning 17 frac fluid. 17 psi on well. Broke @ 4215 psi @ 2.7 BPM w/ 2.8 BW. ISIP 1421 psi, FG:.81, 1 min SIP 879 psi, 4 min SIP 519 psi. Pumped 500 gal 15% HCL. Treated w/ ave pressure of 4456 psi w/ ave rate of 17.2 BPM. Max pressure of 6199 psi & max rate of 18.9 BPM. ISDP 1492 psi, FG:.72, 5 min SIP 1238 psi, 10 min SIP 1150 psi, 15 min SIP 1096 psi. - Open for immediate flowback on 30/64 choke @ approx 3 BPM. Recovered approx 90 BW. Release Pkr & circulate well clean. Circulate down to RBP @ 4134'. Circulate well clean. Latch onto & release RBP. PUH & set RBP @ 4041'. PUH & set Pkr w/ CE @ 3974' & EOT @ 3983'. - Set Pkr w/ CE @ 4040' & EOT @ 4049'. RU Baker Hughes pump line. Frac GB6 sds down tbg w/ 18,889#s 20/40 white sand in 192 bbls lightning 17 frac fluid. 0 psi on well. Broke @ 4153 psi @ 3.5 BPM w/ 3.1 BW. ISIP 1135 psi, FG:.73, 1 min SIP 952 psi, 4 min SIP 678 psi. Pumped 500 gal 15% HCL. Treated w/ ave pressure of 4484 psi w/ ave rate of 16.7 BPM. Max pressure of 6237 psi & max rate of 18.9 BPM. ISDP 1527 psi, FG:.83, 5 min SIP 1330 psi, 10 min SIP 1252 psi, 15 min SIP 1202 psi. - PU & TIH w/ BHA & injection tbg as follows: WL re-entry guide, 2 3/8" XN profile nipple, 2 3/8 X 4' J-55 4.7# 8rd EUE tbg sub, Arrowset 1-X packer, on/off tool, 2 7/8" SN & 54- jts 2 7/8" J-55 6.5# 8rd EUE tbg. SWIFN. **Finalized**
Daily Cost: \$0
Cumulative Cost: \$97,451

9/14/2012 Day: 5**Conversion**

WWS #5 on 9/14/2012 - Continue TIH w/ injection tbg. Pressure test tbg to 3000 psi for 30 min. Pump 65 bbls packer fluid & set packer. Pressure test annulus to 1500 psi for 30 min. RDMOSU - TIH w/ 72- jts 2 7/8" J-55 6.5# 8rd EUE tbg. Flush tbg w/ 20 BW. Drop standing valve down tbg. Pressure test tbg to 3000 psi for 30 min w/ 0 psi loss. RIH w/ fishing tool on sandline & retrieve SV. ND BOPs. Land tbg w/ injection tree. Pump 65 bbls packer fluid down tbg-csg annulus. Injection tree was gulled on tbg. Set Arrowset 1-X packer w/ CE @ 3977' & EOT @ 3986'. Wait for new injection tree. Land tbg w/ B-1 adapter & injection tree. Pressure annulus to 1500 psi. Held pressure test for 30 min w/ 0psi loss. RDMOSU. Ready for MIT - TIH w/ 72- jts 2 7/8" J-55 6.5# 8rd EUE tbg. Flush tbg w/ 20 BW. Drop standing valve down tbg. Pressure test tbg to 3000 psi for 30 min w/ 0 psi loss. RIH w/ fishing tool on sandline & retrieve SV. ND BOPs. Land tbg w/ injection tree. Pump 65 bbls packer fluid down tbg-csg annulus. Injection tree was gulled on tbg. Set Arrowset 1-X packer w/ CE @ 3977' & EOT @ 3986'. Wait for new injection tree. Land tbg w/ B-1 adapter & injection tree. Pressure annulus to 1500 psi. Held pressure test for 30 min w/ 0psi loss. RDMOSU. Ready for MIT - TIH w/ 72- jts 2 7/8" J-55 6.5# 8rd EUE tbg. Flush tbg w/ 20 BW. Drop standing valve down tbg.

Pressure test tbg to 3000 psi for 30 min w/ 0 psi loss. RIH w/ fishing tool on sandline & retrieve SV. ND BOPs. Land tbg w/ injection tree. Pump 65 bbls packer fluid down tbg-csg annulus. Injection tree was gulled on tbg. Set Arrowset 1-X packer w/ CE @ 3977' & EOT @ 3986'. Wait for new injection tree. Land tbg w/ B-1 adapter & injection tree. Pressure annulus to 1500 psi. Held pressure test for 30 min w/ 0psi loss. RDMOSU. Ready for MIT **Finalized**

Daily Cost: \$0

Cumulative Cost: \$105,541

9/20/2012 Day: 6

Conversion

Rigless on 9/20/2012 - Conduct initial MIT - On 09/17/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/18/2012 the casing was pressured up to 1550 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 140 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 09/17/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/18/2012 the casing was pressured up to 1550 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 140 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 09/17/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/18/2012 the casing was pressured up to 1550 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 140 psig during the test. There was a State representative available to witness the test - Chris Jensen. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$193,811

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
1. TYPE OF WELL Water Injection Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	8. WELL NAME and NUMBER: FEDERAL 5-22-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1989 FNL 0613 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 22 Township: 09.0S Range: 16.0E Meridian: S	9. API NUMBER: 43013330250000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	COUNTY: DUCHESNE
STATE: UTAH	STATE: UTAH

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

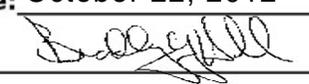
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/5/2012	<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 10:00 AM on 10/05/2012.

Accepted by the Utah Division of Oil, Gas and Mining

Date: October 22, 2012

By: 

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 #5-22-9-16
Monument Butte Field, Lease #UTU-64379
Section 22-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #5-22-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

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

Sincerely,

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

Eric Sundberg
Regulatory Lead

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #5-22-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-64379
JUNE 7, 2012

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ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

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 #5-22-9-16
Field or Unit name: Monument Butte (Green River) Lease No. UTU-64379
Well Location: QQ SWNW section 22 township 9S range 16E county Duchesne

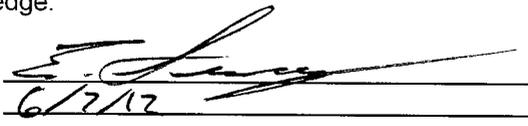
Is this application for expansion of an existing project? Yes No
Will the proposed well be used for: Enhanced Recovery? Yes No
Disposal? Yes No
Storage? Yes No
Is this application for a new well to be drilled? Yes No
If this application is for an existing well,
has a casing test been performed on the well? Yes No
Date of test: _____
API number: 43-013-33025

Proposed injection interval: from 3874 to 5898
Proposed maximum injection: rate 500 bpd pressure 1645 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: 6/7/12
Phone No. (303) 893-0102

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

Comments:

Federal 5-22-9-16

Spud Date: 3-18-08
 Put on Production: 5-9-08
 GL: 5918' KB: 5930'

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (307.89')
 DEPTH LANDED: 317.89'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, circ. 8 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 141 jts (5922.15')
 DEPTH LANDED: 5920.15'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 114' per CBL 4/29/08

TUBING (GI 10/6/09)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 167 jts (5256.2')
 TUBING ANCHOR: 5268.2'
 NO. OF JOINTS: 2 jts (62.1')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5331.1' KB
 NO. OF JOINTS: 2 jts (62.8')
 NOTCHED COLLAR: 2-7/8" (0.5')
 TOTAL STRING LENGTH: EOT @ 5397'

FRAC JOB

05-06-08 5307-5313' **RU BJ & frac LODC sds as follows:**
 99,254# 20/40 sand in 750 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2444 w/ ave rate of 28.6 bpm w/ 8 ppg of sand. ISIP was 2669. Actual Flush: 4746 gal.

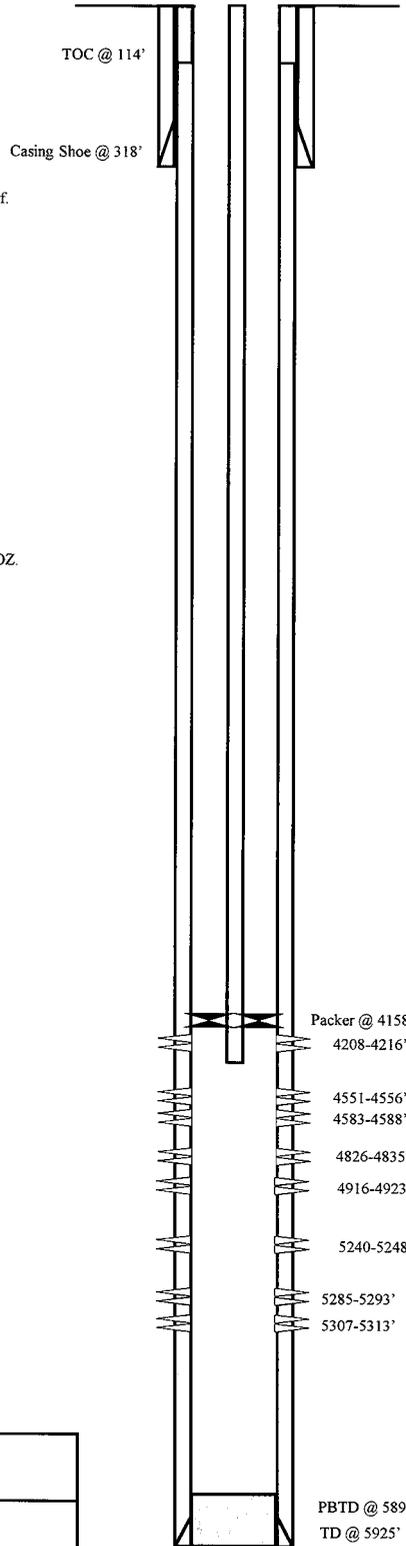
05-06-08 4916-4923' **RU BJ & frac stage #2 as follows:**
 19,006# 20/40 sand in 304 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2172 w/ ave rate of 23.4 bpm w/ 6.5 ppg of sand. ISIP was 2395. Actual Flush: 4452 gal.

05-06-08 4826-4835' **RU BJ & frac stage #3 as follows:**
 29,485# 20/40 sand in 377 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1724 w/ ave rate of 23.4 bpm w/ 6.5 ppg of sand. ISIP was 1676. Actual Flush: 4326 gal.

05-06-08 4551-4556' **RU BJ & frac stage #4 as follows:**
 19,618# 20/40 sand in 297 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1788 w/ ave rate of 23.2 bpm w/ 6.5 ppg of sand. ISIP was 1868. Actual Flush: 4074 gal.

05-06-08 4208-4216' **RU BJ & frac stage #5 as follows:**
 24,768# 20/40 sand in 330 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2518 w/ ave rate of 23.2 bpm w/ 6.5 ppg of sand. ISIP was 2984. Actual Flush: 4116 gal.

10/7/09 Tubing Leak. Updated rod & tubing details.



PERFORATION RECORD

Date	Depth Range	Tool Joint	Holes
04-24-08	5307-5313'	4 JSPF	24 holes
04-30-08	5285-5293'	4 JSPF	32 holes
04-30-08	5240-5248'	4 JSPF	32 holes
04-30-08	4916-4923'	4 JSPF	28 holes
04-30-08	4826-4835'	4 JSPF	36 holes
04-30-08	4583-4588'	4 JSPF	20 holes
04-30-08	4551-4556'	4 JSPF	20 holes
04-30-08	4208-4216'	4 JSPF	32 holes

NEWFIELD

Federal 5-22-9-16

1989' FNL & 613' FWL

SW/NW Section 22-T9S-R16E

Duchesne Co, Utah

API # 43-013-33025; Lease # UTU-64379

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 #5-22-9-16 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 #5-22-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3874' - 5898'). 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 3550' and the TD is at 5925'.

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

The referenced log for the Federal #5-22-9-16 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 318' KB, and 5-1/2", 15.5# casing run from surface to 5920' 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 1645 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 #5-22-9-16, for existing perforations (4208' - 5313') calculates at 0.78 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 1645 psig. We may add additional perforations between 3550' and 5925'. 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 #5-22-9-16, the proposed injection zone (3874' - 5898') 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-10.

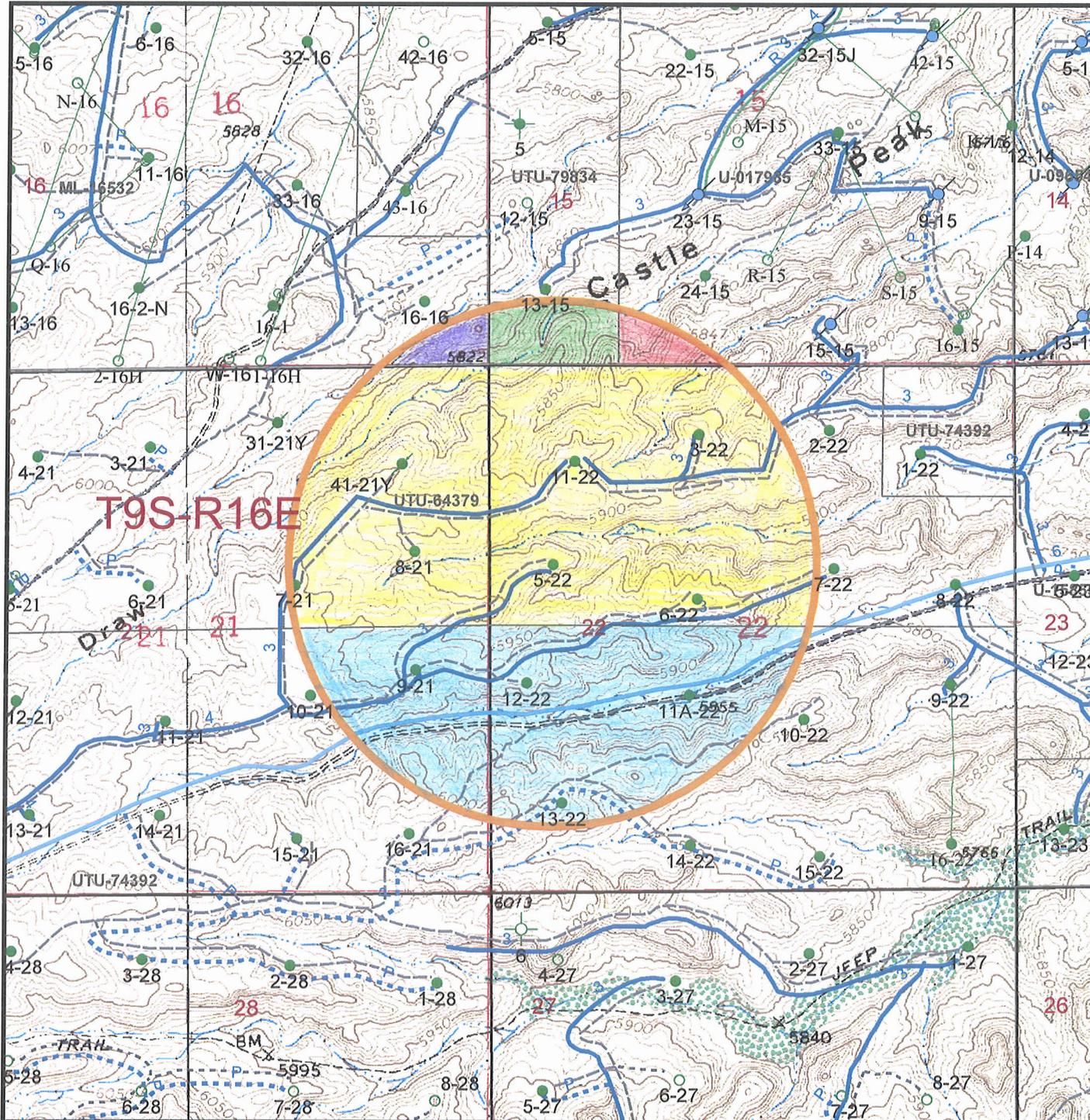
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

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

See Attachment C.

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

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



WellStatus_HalfMile_Buffer

Well Status

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

Injection system

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

Leases

-

Mining tracts

-

UTU-64379

UTU-74392

UTU-017985

UTU-79834

ST of UT

ML-16532

Federal 5-22
Section 22, T 9S-R16E

NEWFIELD

ROCKY MOUNTAINS 1 in = 1,500 feet

1/2 Mile Radius Map
Duchesne & Uintah Counties

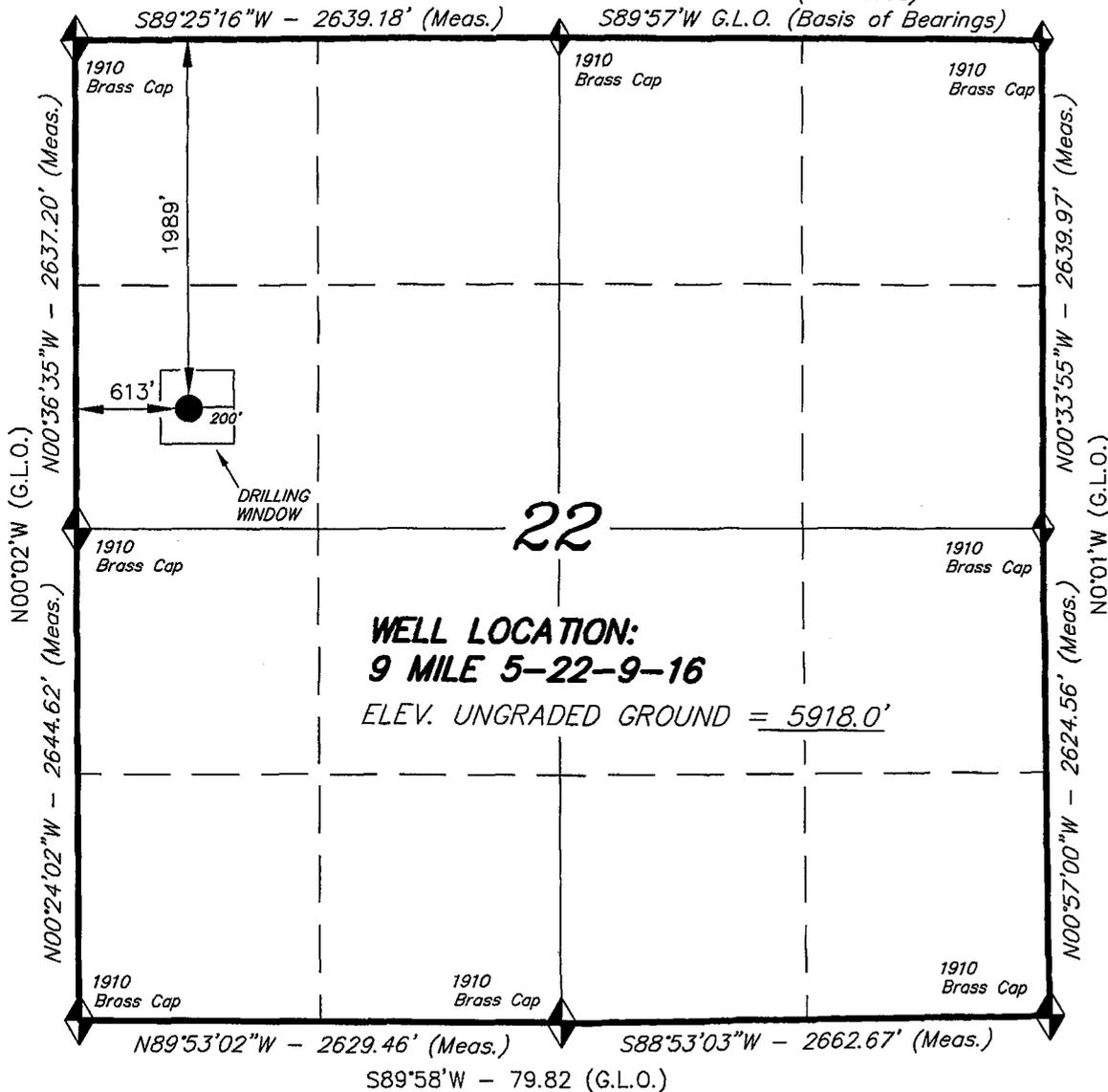
1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

May 2, 2012

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

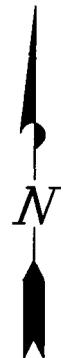
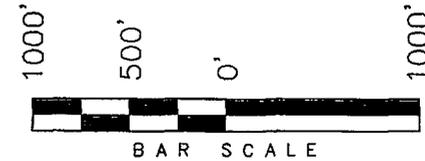
NEWFIELD PRODUCTION COMPANY

S89°57'W - 79.16 (G.L.O.) 2629.55' (Measured)
 S89°57'W G.L.O. (Basis of Bearings)



WELL LOCATION:
9 MILE 5-22-9-16
 ELEV. UNGRADED GROUND = 5918.0'

WELL LOCATION, 9 MILE 5-22-9-16,
 LOCATED AS SHOWN IN THE SW 1/4 NW
 1/4 OF SECTION 22, T9S, R16E,
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



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

REGISTERED LAND SURVEYOR
 STACY W. STEWART
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 189377
 STATE OF UTAH

◆ = SECTION CORNERS LOCATED

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

9 MILE 5-22-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 01' 05.48"
 LONGITUDE = 110° 06' 45.50"

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 11-24-05	SURVEYED BY: K.G.S.
DATE DRAWN: 12-6-05	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

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 21: S2 Section 22: NENE, S2 Section 23: SWSW Section 24: SESE Section 26: NENE Section 27: All Section 28: All	USA UTU-74392 HBP	Newfield Production Company Newfield RMI LLC ABO Petro Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA
3	T9S-R16E SLM Section 10: S2SE Section 15: E2, E2W2	USA UTU-017985 HBP	Newfield Production Company Newfield RMI LLC ABO Petro Corp OXY Y-1 Company Yates Petroleum Corp	USA
4	T9S-R16E SLM Section 15: W2W2	USA UTU-79834 HBP	Newfield Production Company Newfield RMI LLC	USA

5 T9S-616E SLM
Section 16: All

State of Utah
ML 16532
HBP

Newfield RMI LLC
QEP Energy Company
El Paso E&P Company LP
American Petroleum Corp
Brave River Production
Trans Republic Resources Inc

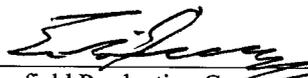
State of Utah

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

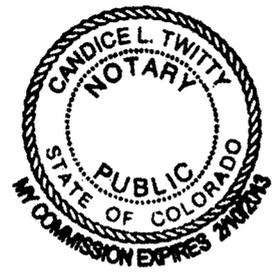
RE: Application for Approval of Class II Injection Well
Federal #5-22-9-16

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 5-22-9-16

Spud Date: 3-18-08
 Put on Production: 5-9-08
 GL: 5918' KB: 5930'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (307.89')
 DEPTH LANDED: 317.89'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, circ. 8 bbls to surf.

PRODUCTION CASING

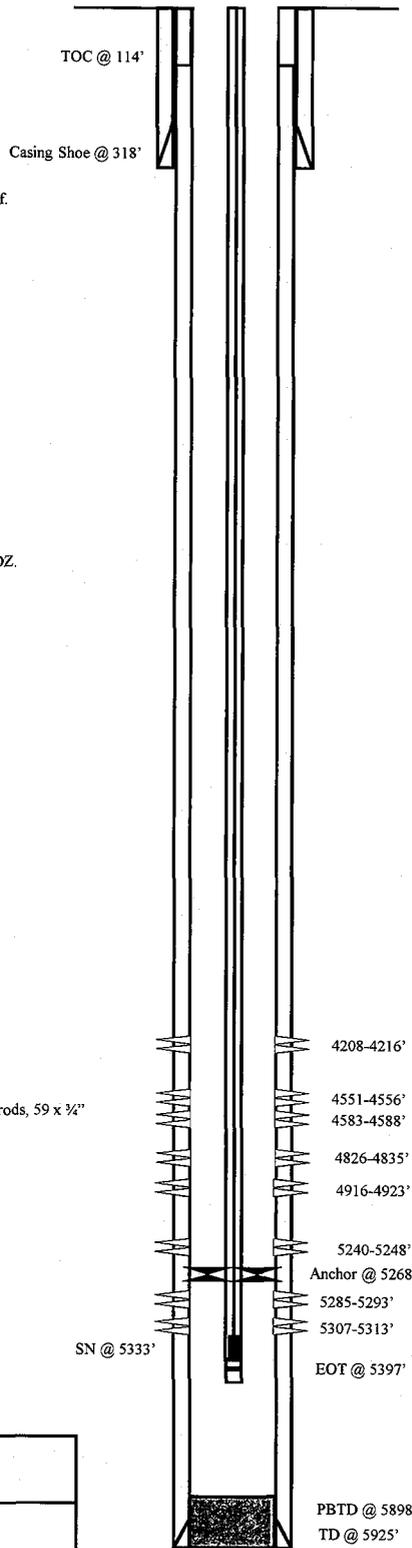
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 141 jts (5922.15')
 DEPTH LANDED: 5920.15'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 114' per CBL 4/29/08

TUBING (GI 10/6/09)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 167 jts (5256.2')
 TUBING ANCHOR: 5268.2'
 NO. OF JOINTS: 2 jts (62.1')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5331.1' KB
 NO. OF JOINTS: 2 jts (62.8')
 NOTCHED COLLAR: 2-7/8" (0.5')
 TOTAL STRING LENGTH: EOT @ 5397'

SUCKER RODS (GI 10/6/09)

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 2', 6', 6' x 3/4" pony rods, 99 x 3/4" guided rods, 59 x 3/4" guided rods, 48 x 3/4" guided rods, 6 x 1-1/2" weight rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 14' x 15' RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 6
 PUMPING UNIT: WEATHERFORD C-228-213-86



FRAC JOB

05-06-08 5307-5313' **RU BJ & frac LODC sds as follows:**
 99,254# 20/40 sand in 750 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2444 w/ ave rate of 28.6 bpm w/ 8 ppg of sand. ISIP was 2669. Actual Flush: 4746 gal.

05-06-08 4916-4923' **RU BJ & frac stage #2 as follows:**
 19,006# 20/40 sand in 304 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2172 w/ ave rate of 23.4 bpm w/ 6.5 ppg of sand. ISIP was 2395. Actual Flush: 4452 gal.

05-06-08 4826-4835' **RU BJ & frac stage #3 as follows:**
 29,485# 20/40 sand in 377 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1724 w/ ave rate of 23.4 bpm w/ 6.5 ppg of sand. ISIP was 1676. Actual Flush: 4326 gal.

05-06-08 4551-4556' **RU BJ & frac stage #4 as follows:**
 19,618# 20/40 sand in 297 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1788 w/ ave rate of 23.2 bpm w/ 6.5 ppg of sand. ISIP was 1868. Actual Flush: 4074 gal.

05-06-08 4208-4216' **RU BJ & frac stage #5 as follows:**
 24,768# 20/40 sand in 330 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2518 w/ ave rate of 23.2 bpm w/ 6.5 ppg of sand. ISIP was 2984. Actual Flush: 4116 gal.

10/7/09

Tubing Leak. Updated rod & tubing details.

PERFORATION RECORD

Date	Interval	Tool	Holes
04-24-08	5307-5313'	4 JSPF	24 holes
04-30-08	5285-5293'	4 JSPF	32 holes
04-30-08	5240-5248'	4 JSPF	32 holes
04-30-08	4916-4923'	4 JSPF	28 holes
04-30-08	4826-4835'	4 JSPF	36 holes
04-30-08	4583-4588'	4 JSPF	20 holes
04-30-08	4551-4556'	4 JSPF	20 holes
04-30-08	4208-4216'	4 JSPF	32 holes

NEWFIELD

Federal 5-22-9-16

1989' FNL & 613' FWL

SW/NW Section 22-T9S-R16E

Duchesne Co, Utah

API # 43-013-33025; Lease # UTU-64379

Fed. #3-22-9-16

Spud Date: 5-31-07
 Put on Production: 7-4-07
 GL: 5866' KB: 5878'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (287.98')
 DEPTH LANDED: 299.83' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: To surface with 160 sxs Class "G" cmt

PRODUCTION CASING

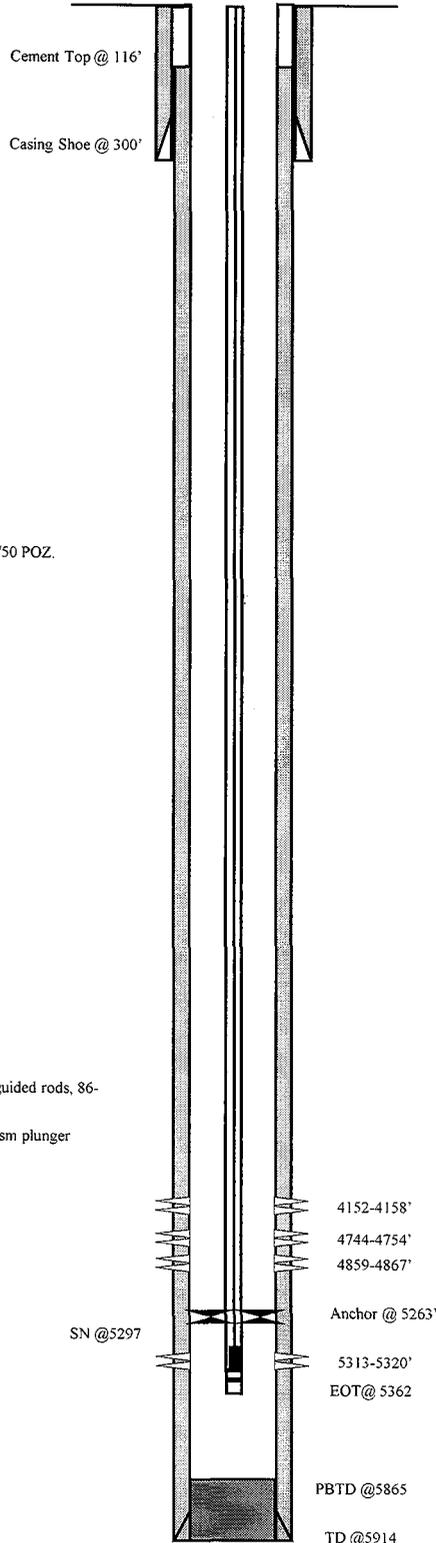
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 145 jts. (6357.47')
 DEPTH LANDED: 5910.55' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sx 50/50 POZ.
 CEMENT TOP: 116'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 169 jts (5263.03')
 TUBING ANCHOR: 5263' KB
 NO. OF JOINTS: 1 jts (31.60')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5297.40' KB
 NO. OF JOINTS: 2 jts (63.23')
 TOTAL STRING LENGTH: EOT @ 5362' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' polished rods
 SUCKER RODS: 1-8", 1-6", 1-4", 1-2", x 3/4" ponies, 99-3/4" guided rods, 86-3/4" plain rods, 20-3/4" guided rods, 6-1 1/2" weight rods
 PUMP SIZE: CDI 2 1/2" x 1 1/2" x 12' x 15' RHAC pump w/sm plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5



FRAC JOB

6/29/07 5313-5320' **RU BJ & frac LODC sds as follows:**
 40,796# 20/40 sand in 411 bbls of Lightning 17 frac fluid. Treated @
 ave pressure of 3412 w/ ave rate of 22.2 bpm w/ 6.5 ppg of sand. ISIP
 was 3327. Actual flush: 4830 gals.

6/29/07 4859-4867' **RU BJ & frac stage #2 as follows:**
 34,536#s of 20/40 sand in 354 bbls of Lightning 17 frac fluid. Treated
 @ ave pressure of 3900 w/ ave rate of 22.1 bpm w/ 6.5 ppg of sand.
 ISIP was 4200. Actual flush: 2646 gals.

6/29/07 4744-4754' **RU BJ & frac stage #3 as follows:**
 34,902#s of 20/40 sand in 390 bbls of Lightning 17 frac fluid. Treated
 @ ave pressure of 2527 w/ ave rate of 27.6 bpm w/ 6.5 ppg of sand.
 1144 bbls EWTR. ISIP was 1925. Actual flush: 4242 gals.

6/29/07 4152-4158' **RU BJ & frac stage #4 as follows:**
 44,919#s of 20/40 sand in 372 bbls of Lightning 17 frac fluid. Treated
 @ ave pressure of 2360 w/ ave rate of 24.7 bpm w/ 8 ppg of sand.
 1517 bbls EWTR. ISIP was 1900. Actual flush: 5996 gals.

12/21/09 Parted Rods. Rod & Tubing updated.

PERFORATION RECORD

06/29/07	5313-5320'	4 JSPF	28 holes
06/29/07	4859-4867'	4 JSPF	32 holes
06/29/07	4744-4754'	4 JSPF	40 holes
06/29/07	4152-4158'	4 JSPF	24 holes



Federal 3-22-9-16
 683' FNL & 2079' FWL (NE/NW)
 Section 22, T9S, R16E
 Duchesne Co, Utah
 API #43-013-33024; Lease # UTU-64379

Federal 6-22-9-16

Spud Date: 3-13-08
 Put on Production: 5-6-08
 GL: 5913' KB: 5925'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (290 93')
 DEPTH LANDED: 302.78' 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: 141 jts (5933 60')
 DEPTH LANDED: 5904' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 196'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 168 jts (5278.14')
 TUBING ANCHOR: 5290.14' KB
 NO. OF JOINTS: 2 jts (63.11')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5356.05' KB
 NO. OF JOINTS: 1 jts (31.47')
 TOTAL STRING LENGTH: EOT @ 5583.08' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
 SUCKER RODS: 2' 6", 8' x 3/4" pony rods, 99-3/4" scraped rods, 88-3/4" plain rods, 20-3/4" scraped rods, 6-1 1/2" weight rods
 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

04-30-08 5693-5699' **Frac CP4 sands as follows:**
 16361# 20/40 sand in 302 bbls Lightning 17 frac fluid. Treated @ avg press of 2441 psi w/avg rate of 23.2 BPM. ISIP 2055 psi. Calc flush: 5691 gal. Actual flush: 5250 gal

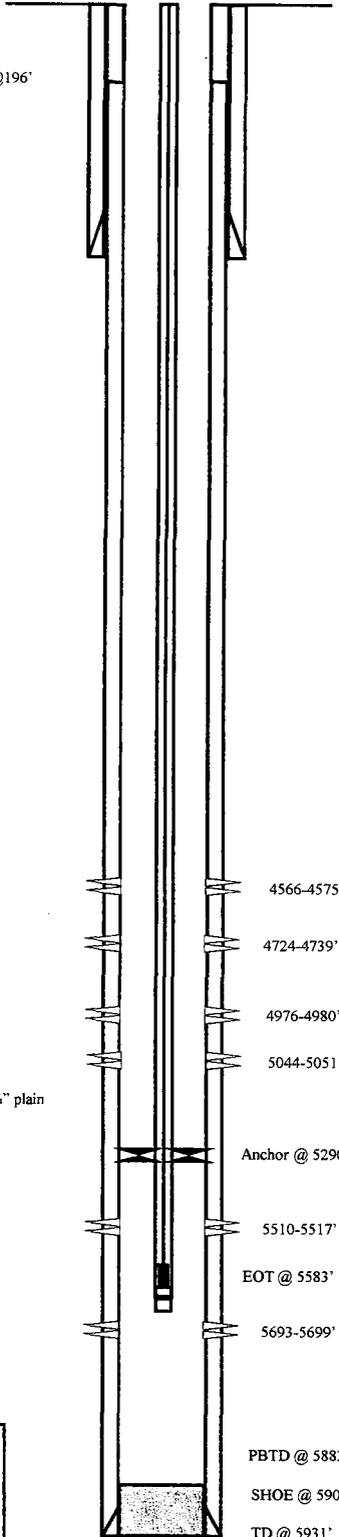
04-30-08 5510-5517' **Frac CP2 sands as follows:**
 15257# 20/40 sand in 279 bbls Lightning 17 frac fluid. Treated @ avg press of 2046 psi w/avg rate of 23.2 BPM. ISIP 1762 psi. Calc flush: 5508 gal. Actual flush: 4998 gal

04-30-08 4976-5051' **Frac A3, & A1 sands as follows:**
 14997# 20/40 sand in 235 bbls Lightning 17 frac fluid. Treated @ avg press of 2158 psi w/avg rate of 23.2 BPM. ISIP 1884 psi. Calc flush: 4974 gal. Actual flush: 4494 gal.

4-30-08 4724-4739' **Frac C sands as follows:**
 115315# 20/40 sand in 825 bbls Lightning 17 frac fluid. Treated @ avg press of 1876 w/avg rate of 23.2 BPM. ISIP 2044 psi. Calc flush: 4722 gal. Actual flush: 4242 gal

04-30-08 4566-4575' **Frac D1 sands as follows:**
 40206# 20/40 sand in 394 bbls Lightning 17 frac fluid. Treated @ avg press of 1832 w/avg rate of 23.2 BPM. ISIP 1850 psi. Calc flush: 4564 gal. Actual flush: 4452 gal

Cement top @ 196'



PERFORATION RECORD

Date	Interval	Tool	Holes
04-24-08	5693-5699'	4 JSPF	24 holes
04-30-08	5510-5517'	4 JSPF	28 holes
04-30-08	5044-5051'	4 JSPF	28 holes
04-30-08	4976-4980'	4 JSPF	16 holes
04-30-08	4724-4739'	4 JSPF	60 holes
04-30-08	4566-4575'	4 JSPF	36 holes

NEWFIELD



Federal 6-22-9-16

2340' FNL & 2060' FWL
 SE/NW Section 22-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33026; Lease # UTU-34379

Federal 11A-9-9-16

Spud Date: 4-23-07
 Put on Production: 6-1-07
 GL: 5842' KB: 5854'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (309.65')
 DEPTH LANDED: 321.5' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 140 jts (6101.12')
 DEPTH LANDED: 6117.53' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 156'

TUBING

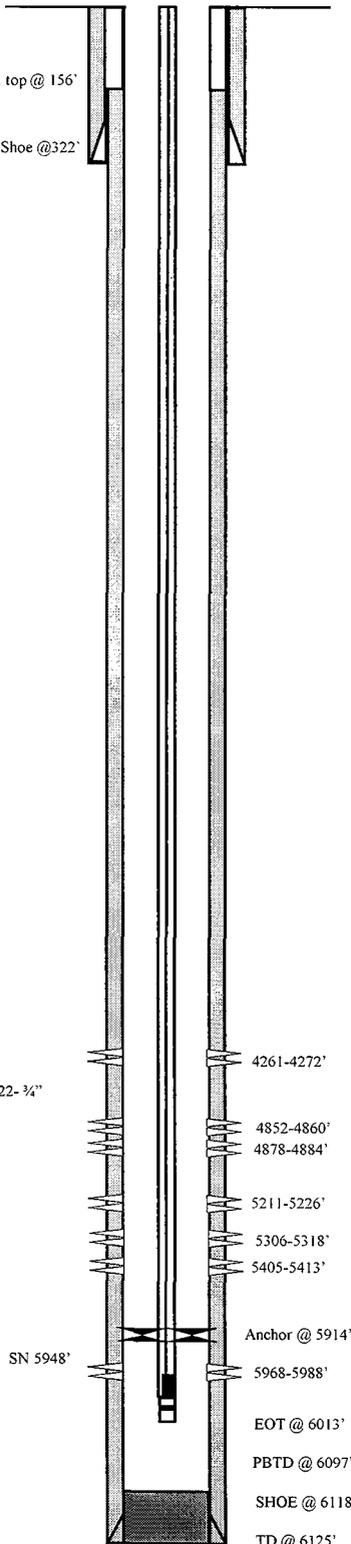
SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 192 jts (5901.99')
 TUBING ANCHOR: 5913.99' KB
 NO. OF JOINTS: 1 jts (31.43')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5948.22' KB
 NO. OF JOINTS: 2 jts (62.97')
 TOTAL STRING LENGTH: EOT @ 6012.74' KB

SUCKER RODS

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

FRAC JOB

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



PERFORATION RECORD

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



Federal 11A-9-9-16
 1984' FSL & 1980' FWL
 NE/SW Section 9-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33050; Lease # UTU-7981

Federal 13-22-9-16

Spud Date: 5-9-2007
Put on Production: 6-25-2007

GL: 5994' KB: 6006'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (302.02')
DEPTH LANDED: 313.87' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

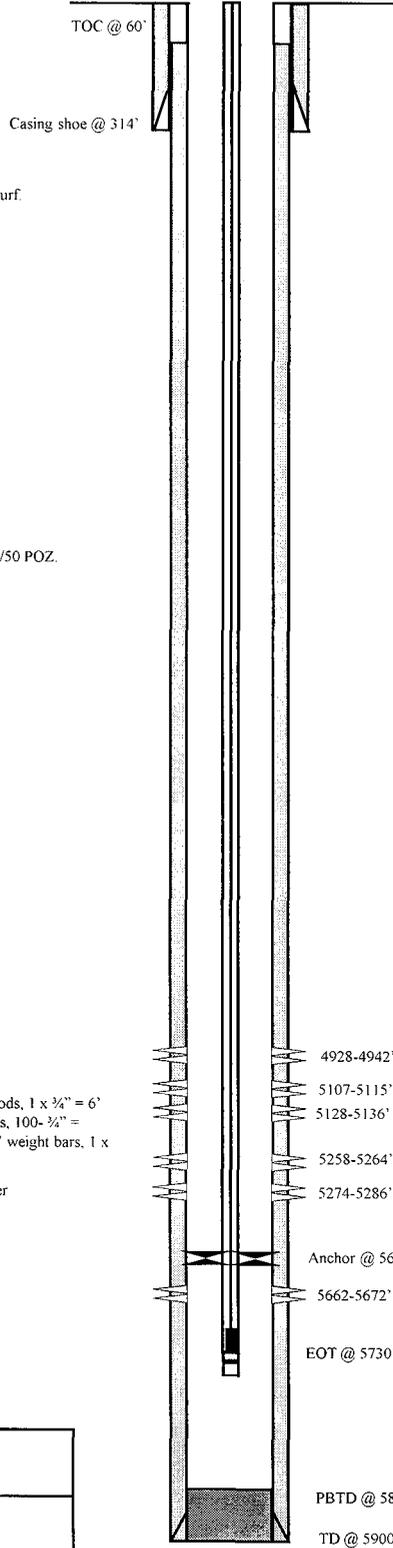
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 134 jts (5879.22')
DEPTH LANDED: 5892.47' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP AT: 60'

TUBING

SIZE/GRADE/AWT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 179 jts (5630.4')
TUBING ANCHOR: 5630.4' KB
NO. OF JOINTS: 1 jts (31.60')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5664.8' KB
NO. OF JOINTS: 2 jts (63.3')
TOTAL STRING LENGTH: EOT @ 5730'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 1 X 3/4" = 2' pony rods, 1 x 3/4" = 4' pony rods, 1 x 3/4" = 6' pony rods, 1 x 3/4" = 8' pony rods, 99- 3/4" = 2475' guided rods, 100- 3/4" = 2500' sucker rods, 20- 3/4" = 500' guided rods, 6- 1 1/2" = 150' weight bars, 1 x 1" = 4' stabilizer rod
PUMP SIZE: 2-1/2" x 1-1/4" x 12 x 16' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM



FRAC JOB

06-19-07	5662-5672'	Frac CP5 sands as follows: 41156# 20/40 sand in 409 bbls Lightning 17 frac fluid. Treated @ avg press of 1991 psi w/avg rate of 21.8 BPM. ISIP 2175 psi. Calc flush: 5660 gal. Actual flush: 5158 gal.
06-19-07	5258-5286'	Frac LODC sands as follows: 79611# 20/40 sand in 602 bbls Lightning 17 frac fluid. Treated @ avg press of 2528 psi w/avg rate of 21.8 BPM. ISIP 2750 psi. Calc flush: 5256 gal. Actual flush: 4788 gal.
06-18-07	5107-5136'	Frac LODC sands as follows: 55106# 20/40 sand in 451 bbls Lightning 17 frac fluid. Treated @ avg press of 2838 psi w/avg rate of 24.7 BPM. ISIP 3235 psi. Calc flush: 5105 gal. Actual flush: 4620 gal.
06-19-07	4928-4942'	Frac A1 sands as follows: 59043# 20/40 sand in 475 bbls Lightning 17 frac fluid. Treated @ avg press of 1937 w/ avg rate of 24.7 BPM. ISIP 2260 psi. Calc flush: 4926 gal. Actual flush: 4872 gal.
08/27/07	Pump Change	Rod & Tubing detail unchanged.
5/29/08	Stuck pump	Rod & Tubing detail updated.
1/31/09	Pump Change.	Updated r & t detail.
3/16/2011	Pump Change.	Updated rod & tubing detail.

PERFORATION RECORD

06-18-07	5662-5672'	4 JSPF	40 holes
06-19-07	5274-5286'	4 JSPF	48 holes
06-19-07	5258-5264'	4 JSPF	24 holes
06-19-07	5128-5136'	4 JSPF	32 holes
06-19-07	5103-5110'	4 JSPF	32 holes
06-19-07	4928-4942'	4 JSPF	56 holes

NEWFIELD

Federal 13-22-9-16

906' FSL & 702' FWL

SW/SW Section 22-T9S-R16E

Duchesne Co, Utah

API # 43-013-33148; Lease # UTU-74392

Federal 9-21-9-16

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

Wellbore Diagram

SURFACE CASING

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

PRODUCTION CASING

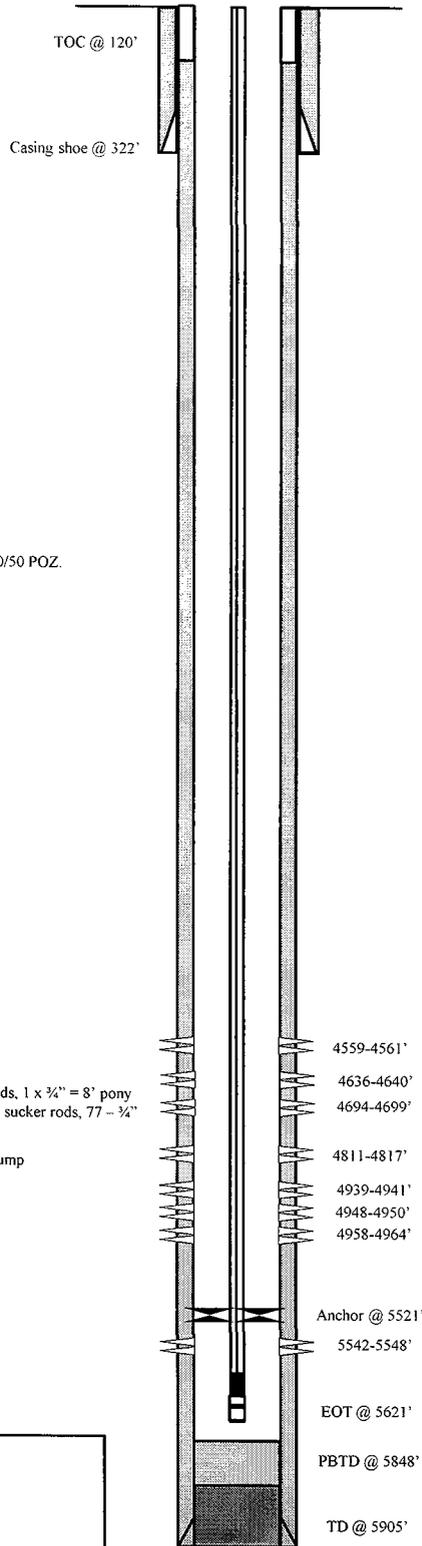
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 140 jts. (5836')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5887.85'
 CEMENT DATA: 260 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 120'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 172 jts (5509.1')
 TUBING ANCHOR: 5521'
 NO. OF JOINTS: 1 jts (31.4')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5555.4' KB
 NO. OF JOINTS: 2 jts (64.1')
 TOTAL STRING LENGTH: EOT @ 5621'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 2 x 3/4" = 8' pony rod, 1 x 3/4" = 6' pony rods, 1 x 3/4" = 8' pony rods, 104 - 3/4" = 2600' (4 per) guided rods, 34 - 3/4" = 850' sucker rods, 77 - 3/4" = 1925' (4 per) guided rods, 6 - 1 1/2" = 150' sinker bars
 PUMP SIZE: CDI 2 1/2" x 1 1/25" x 17" RTBC McGyver pump
 STROKE LENGTH: 122
 PUMP SPEED, SPM 5



FRAC JOB

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

PERFORATION RECORD

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

NEWFIELD



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

Federal 8-21-9-16

Spud Date: 6-7-7
 Put on Production: 7-9-07
 GL: 5944' KB: 5956'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (288.93')
 DEPTH LANDED: 312.98' 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 (6009.83')
 DEPTH LANDED: 6009.08' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP AT: 102'

TUBING

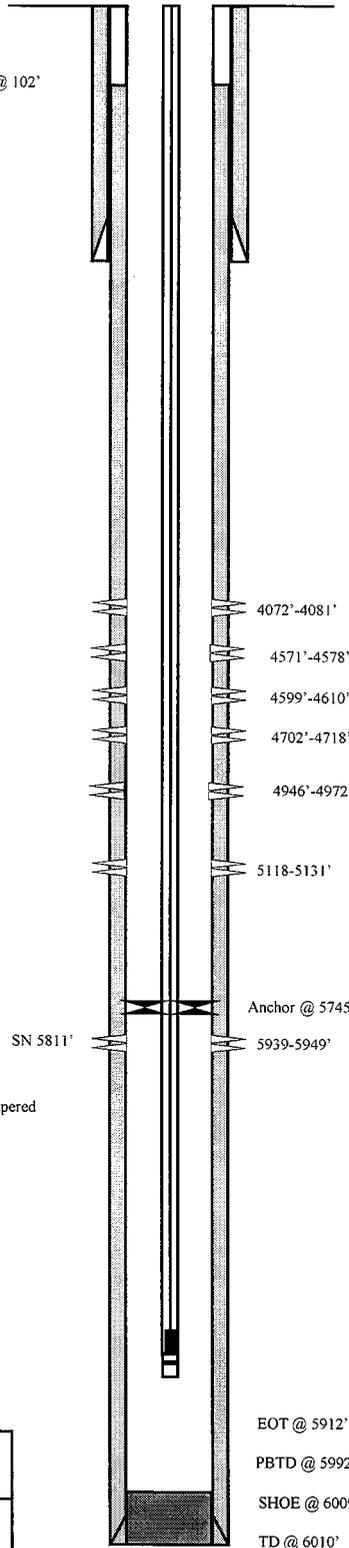
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 182 jts (5733.1')
 TUBING ANCHOR: 5745.01' KB
 NO. OF JOINTS: 2 jts (63.4')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5811.24' KB
 NO. OF JOINTS: 2 jts (61.1')
 TOTAL STRING LENGTH: EOT @ 5912' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
 SUCKER RODS: 1-8", 1-6", 1-4" & 1-2" X 3/4" pony rods, 98-3/4" scraped rods, 106-3/4" plain rods, 20-3/4" scraped rods, 6-1 1/2" weight rods
 PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM

FRAC JOB

07-05-07	5939-5949'	Frac BSC sands as follows: 58253# 20/40 sand in 543 bbls Lightning 17 frac fluid. Treated @ avg press of 2135 psi w/avg rate of 24.5 BPM. ISIP 2834 psi. Calc flush: 5937 gal. Actual flush: 5859 gal.
08-21-07	5118-5131'	Frac LODC sands as follows: 80405# 20/40 sand in 985 bbls Lightning 17 frac fluid. Treated @ avg press of 2045 psi w/avg rate of 24.7 BPM. ISIP 2410 psi.
08-22-07	4946-4972'	Frac A1 sands as follows: 79934# 20/40 sand in 636 bbls Lightning 17 frac fluid. Treated @ avg press of 3383 psi w/avg rate of 22.2 BPM. ISIP 3225 psi. Calc flush: 5116 gal. Actual flush: 4612 gal
08-22-07	4702-4718'	Frac C sands as follows: 50281# 20/40 sand in 462 bbls Lightning 17 frac fluid. Treated @ avg press of 1735 psi w/avg rate of 24.7 BPM. ISIP 1850 psi.
08-22-07	4571-4610'	Frac D1 & D2 sands as follows: 80148# 20/40 sand in 985 bbls Lightning 17 frac fluid. Treated @ avg press of 1780 psi w/avg rate of 24.7 BPM. ISIP 2055 psi
08-23-07	4072-4081'	Frac CB6 sands as follows: 32787# 20/40 sand in 366 bbls Lightning 17 frac fluid. Treated @ avg press of 1686 psi w/avg rate of 24.7 BPM. ISIP 1810 psi.
6/22/2010		Pump Change. Update rod ant tubing details



PERFORATION RECORD

Date	Depth Range	Number of JSPF	Number of Holes
06-29-07	5939-5949'	4 JSPF	40 holes
08-20-07	5118-5131'	4 JSPF	52 holes
08-20-07	4956-4972'	4 JSPF	104 holes
08-20-07	4702-4718'	4 JSPF	64 holes
06-29-07	4599-4610'	4 JSPF	44 holes
08-20-07	4571-4578'	4 JSPF	28 holes
08-20-07	4072-4081'	4 JSPF	36 holes

NEWFIELD

Federal 8-21-9-16
 1852' FNL & 771' FEL
 SE/NE Section 21-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33023; Lease # UTU-64379

Federal 7-21-9-16

Spud Date: 4-27-07
Put on Production: 7-19-07

GL: 6006' KB: 6018'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

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

PRODUCTION CASING

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

TUBING

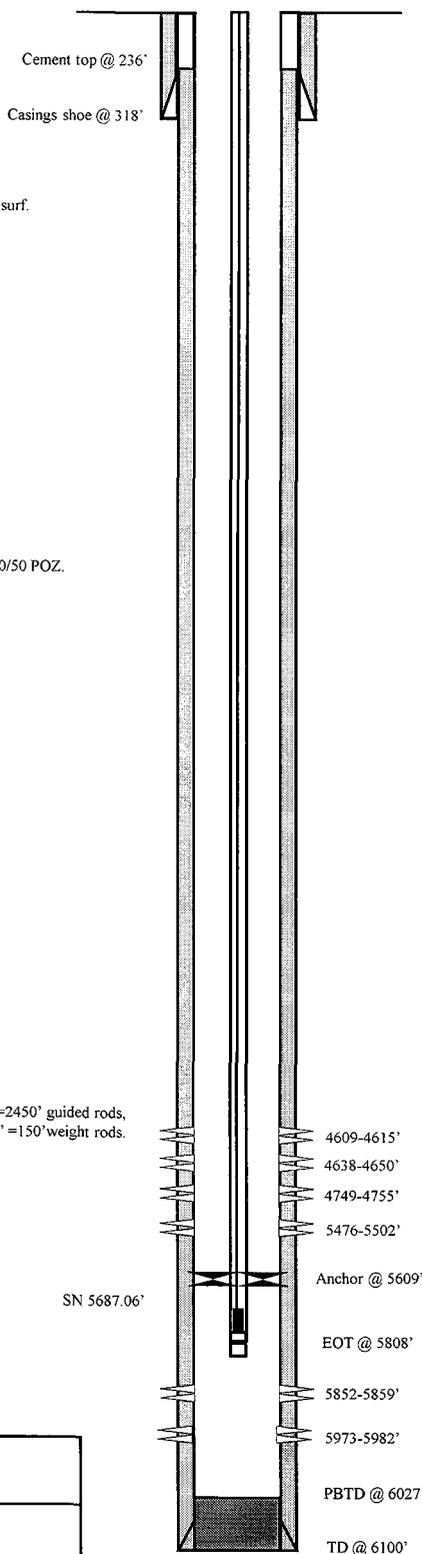
SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 179 (5609.1')
TUBING ANCHOR: 5609.1'
NO. OF JOINTS: 2 jts (63.2')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5675.1'
NO. OF JOINTS: 1 jts (31.7')
NO. OF JOINTS: 3 Jts. 94.40'
TOTAL STRING LENGTH: EOT @ 5808'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 1-4', 1-6', & 1-8' x 3/4" pony rods, 98- 3/4"=2450' guided rods, 90- 3/4"=2250' sucker rods, 32- 3/4"=800' guided rods, 6- 1 1/2"=150' weight rods.
PUMP SIZE: 2-1/2" x 1-1/4" x 16' x 20' CDI NF 181 J
STROKE LENGTH: 120"
PUMP SPEED, SPM: 5 SPM

FRAC JOB

07-11-07	5973-5982'	Frac BSC sands as follows: 40929# 20/40 sand in 364 bbls Lightning 17 frac fluid. Treated @ avg press of 2699 psi w/avg rate of 24.8 BPM. ISIP 3967 psi. Calc flush: 5971 gal. Actual flush: 2129 gal.
07-16-07	5852-5859'	Frac BSC sands as follows: 15775# 20/40 sand in 299 bbls Lightning 17 frac fluid. Treated @ avg press of 2760 psi w/avg rate of 22.3 BPM. ISIP 2583 psi. Calc flush: 5850 gal. Actual flush: 5376 gal.
07-16-07	5476-5502'	Frac CPI sands as follows: 116102# 20/40 sand in 859 bbls Lightning 17 frac fluid. Treated @ avg press of 1840 psi w/avg rate of 24.4 BPM. ISIP 2275 psi. Calc flush: 5474 gal. Actual flush: 4956 gal.
07-16-07	4749-4755'	Frac C sand as follows: 24885# 20/40 sand in 348 bbls Lightning 17 frac fluid. Treated @ avg press of 2138 psi w/avg rate of 24.48 BPM. ISIP 1780 psi. Calc flush: 4747 gal. Actual flush: 4284 gal.
07-16-07	4609-4650'	Frac D1 & D2 sand as follows: 53260# 20/40 sand in 585 bbls Lightning 17 frac fluid. Treated @ avg press of 2082 psi w/avg rate of 24.5 BPM. ISIP 1820 psi. Calc flush: 4691 gal. Actual flush: 4494 gal.
11-26-07		Pump Change. Updated rod & tubing details.
10/30/09		Pump Change. Updated rod & tubing details.
8/16/11		Parted Rods. Updated rod & tubing details.



PERFORATION RECORD

07-05-07	5973-5982'	4 JSPF	36 holes
07-16-07	5852-5859'	4 JSPF	28 holes
07-16-07	5476-5502'	4 JSPF	104 holes
07-16-07	4749-4755'	4 JSPF	24 holes
07-16-07	4638-4650'	4 JSPF	48 holes
07-16-07	4609-4615'	4 JSPF	24 holes



Federal 7-21-9-16
2172³ FNL & 1967⁷ FEL
SW/NE Section 21-T9S-R16E
Duchesne Co, Utah
API # 43-013-33022; Lease # UTU-64379

Spud Date: 4/28/2009
 Put on Production: 7/22/2009
 GL: 5966' KB: 5978'

Federal 12-22-9-16

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (275')
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 326' KB
 CEMENT DATA: 160 sx class 'G' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 148 jts (5828')
 HOLE SIZE: 7 7/8"
 DEPTH LANDED: 5881.89'
 CEMENT DATA: 275 sx Prem Lite and 401 sx 50/50 poz
 CEMENT TOP AT: 56'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55
 NO. OF JOINTS: 174jts (5389')
 TUBING ANCHOR: 5484' KB
 NO. OF JOINTS: 2 jts (62.9')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5549' KB
 NO. OF JOINTS: 2 jts (63.1')
 TOTAL STRING LENGTH: EOT @ 5614'

SUCKER RODS

POLISHED ROD: 1 1/2" X 26' polished rod
 SUCKER RODS: 1-4", 6", 8" x 3/4" pony rod, 100-3/4" (4 per) guided rods, 75-3/4" sucker rods, 40-3/4" guided rods, 6-1 1/2" sinker bars.
 PUMP SIZE: 2 1/2" x 1 1/2" x 16' x 19 1/2' RHAC pump
 STROKE LENGTH: ?"
 PUMP SPEED, SPM: ?

FRAC JOB

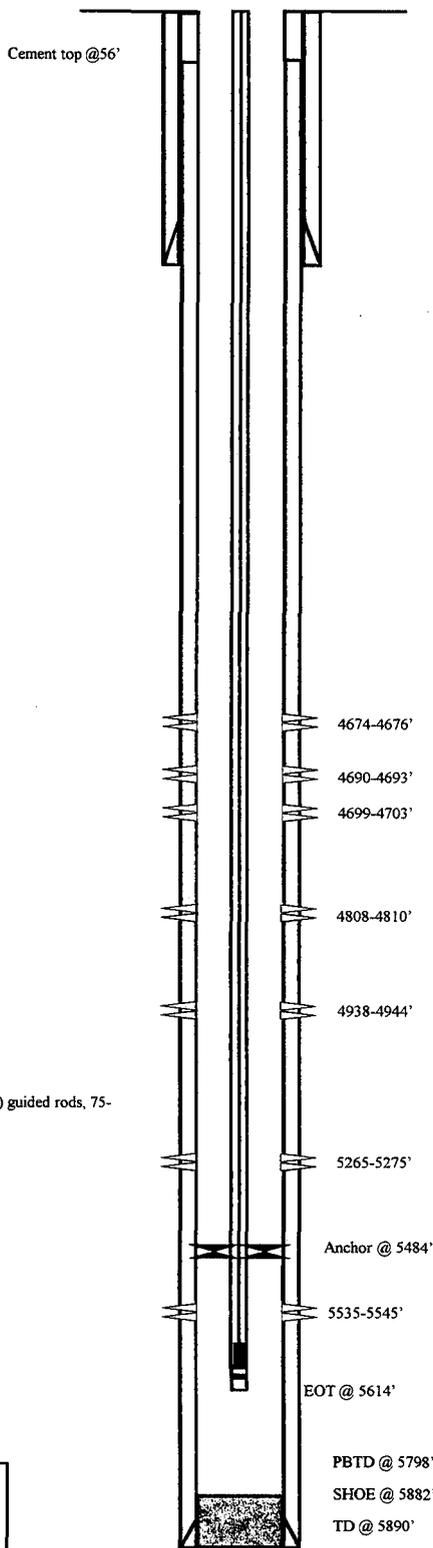
7-23-09 5535-5545' **Frac CP3 sands as follows:**
 Frac with 34,344# 20/40 sand in 249 bbls of Lightning 17 fluid

7-23-09 5265-5275' **Frac LODC sands as follows:**
 Frac with 65,879# 20/40 sand in 147 bbls of Lightning 17 fluid.

7-23-09 4808-4944' **Frac A3 & B2 sands as follows:**
 Frac with 34,625# 20/40 sand in 285 bbls of Lightning 17 fluid.

7-23-09 4674-4703' **Frac C sands as follows:**
 Frac with 34344# 20/40 sand in 249 bbls of Lightning 17 fluid.

03/16/2011 **Tubing Leak. Rod & tubing deetail updated.**



PERFORATION RECORD

5535-5545' 3 JSPF 30 holes
 5265-5275' 3 JSPF 30 holes
 4938-4944' 3 JSPF 18 holes
 4808-4810' 3 JSPF 6 holes
 4699-4703' 3 JSPF 12 holes
 4690-4693' 3 JSPF 9 holes
 4674-4676' 3 JSPF 6 holes

NEWFIELD

Federal 12-22-9-16

2113' FSL & 349' FWL NW/SW
 Section 22-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33586; Lease # UTU-74392

Balcron Federal #41-21y

Wellbore Diagram

Elev.GR - 5953.5' GL
Elev.KB - 5966' (13' KB)

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 250'
DEPTH LANDED: 258' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 15 sks class "G"

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 6004.02'
DEPTH LANDED: 5999' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 165 sks thrifty lite. Tailed
w/ 275 sks 50-50 POZ.

CEMENT TOP AT: 2980' KB

TUBING

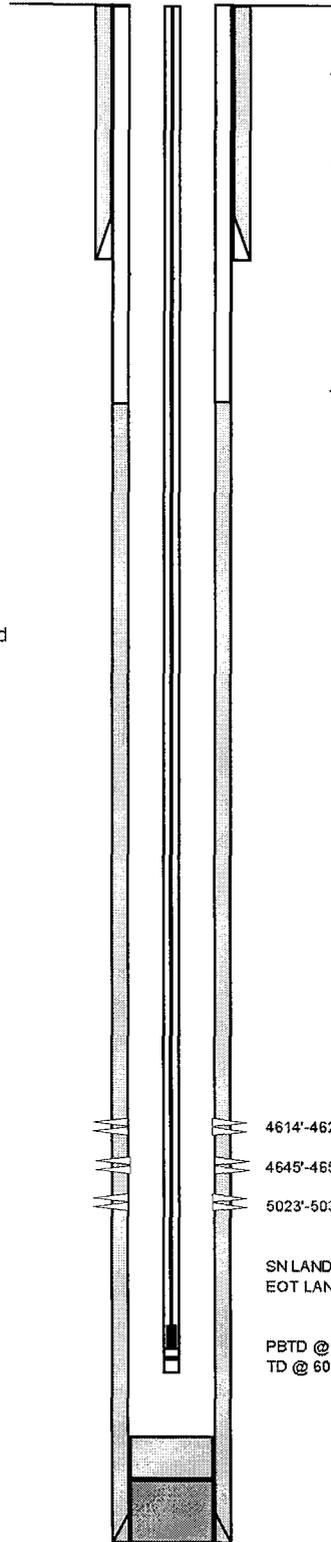
SIZE/GRADE/WGT.: 2-7/8" 8rd EUE / J-55 / 6.5#
NO. OF JOINTS: 144 jts
TUBING ANCHOR: 2-7/8"x5-1/2"
NO. OF JOINTS: 21 jts
SEATING NIPPLE: 2-7/8"x1.10"
PERFORATED SUB: 2-7/8"x3.20"
MUD ANCHOR: 2-7/8"x31.82"
STRING LENGTH:
SN LANDED AT:

SUCKER RODS

POLISHED ROD: 1-1/4"x22' SM
SUCKER RODS:
2-3/4"x4' Pory
1-3/4"x8' Pory
195-3/4"x25' Plain
6-1"x25' EL w/2.5 guides
TOTAL STRING LENGTH: 5061'

PUMP NUMBER: Trico #1193
PUMP SIZE: 2-1/2"x1-1/2"x16' RWAC

STROKE LENGTH: 58 inches
PUMP SPEED, SPM: 6.5 SPM
PUMPING UNIT SIZE:
PUMPING UNIT:
PRIME MOVER:



ACID JOB / BREAKDOWN

8/24/93	5023'-5036'	Halliburton: ATP=2500 psi. ATR=2.5 bpm, ISIP=1950 psi.
8/28/96	4645'-4650' 4614'-4624'	Halliburton: ATR=6.5 bpm, ATP=2650 psi.

FRAC JOB

8/25/93	5023'-5036'	No vols or quantities in report. Max. Rate=36 bpm, max. Press.=3200 psi, ATP=2470 psi, ISIP=2084 psi, 5 min=1770 psi, 10 min=1723 psi, 15 min=1672 psi.
8/28/96	4645'-4650' 4614'-4624'	Halliburton: No vols or quantities in report. Max. Rate=35 bpm, ISIP=1972 psi, 5 min=1791 psi, 10 min=1679 psi, 15 min=1607 psi.

PERFORATION RECORD

8/23/93	Cutter	5023'-5036'	2 SPF
8/27/93	Schlumberger	4645'-4650' 4614'-4624'	1 SPF 1 SPF

4614'-4624'
4645'-4650'
5023'-5036'

SN LANDED @5061' KB
EOT LANDED @ 5098' KB

PBD @ 5950' KB
TD @ 6000' KB



Balcron Federal #41-21y

Monument Butte

Lease #U-64379

NE NE Section 21, T9S, R16E

970.2' FNL, 893.8 FEL

Duchesne County, Utah

API # 43-013-31392

Monument Federal #11-22

Spud Date:

Put on Production:

GL: 5917' KB: 5927'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8 5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (248.10')
 DEPTH LANDED: 258 10' KB
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 160sxs Class "G" mixed cmt, est 5 bbls cmt to surf

PRODUCTION CASING

CSG SIZE 5 1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 145 jts. (5648.71')
 DEPTH LANDED: 5658 71' KB
 HOLE SIZE: 7 7/8"
 CEMENT DATA: 325 sxs Prem Lite II mixed & 450 sxs 50/50 POZ mix
 CEMENT TOP AT 474'

TUBING

SIZE/GRADE/WT. 2 7/8" / J-55 / 6.5#
 NO. OF JOINTS: 155 jts (4848.93')
 NO. OF JOINTS: 2jts (62.78)
 SEATING NIPPLE: 2 7/8" (1 10')
 SN LANDED AT: 4924.51' KB
 NO. OF JOINTS: 1jts (31.45)
 TOTAL STRING LENGTH EOT @ 4957 51' w/ 12' KB

SUCKER RODS

POLISHED ROD: 1-1/4" x 22' SM
 SUCKER RODS: 2-2", 1-4", 6', 8' X 3/4" pony rods, 170- 3/4" plain rods, 20- 3/4" guided rods, 6- 1 1/2" weight rods
 PUMP SIZE: 2-1/2" x 1-1/2" x 14 1/2' RHAC w/SM plunger
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 5 SPM

ACID JOB /BREAKDOWN

9/6/96 4754'-4761' BJ Services: 1428 gal 2% KCL
 4871'-4878' water w/ 28 ball sealers. Balled
 4880'-4884' off. ATP= 1900 psi, ATR= 3.0 bpm,
 ISIP= 1400 psi.
 9/6/96 4871'-4878' BJ Services: 1596 gal 2% KCL
 4880'-4884' water w/ 44 ball sealers. Balled
 off. ATP= 1600 psi, ATR= 3.0 bpm,
 ISIP= 1300 psi.
 9/7/96 4057'-4066' BJ Services: 2268 gal 2% KCL
 water w/ 72 ball sealers. Ball
 action but no ball off. ATP= 2000 psi,
 ATR= 3.5 bpm, ISIP=1400 psi.

FRAC JOB

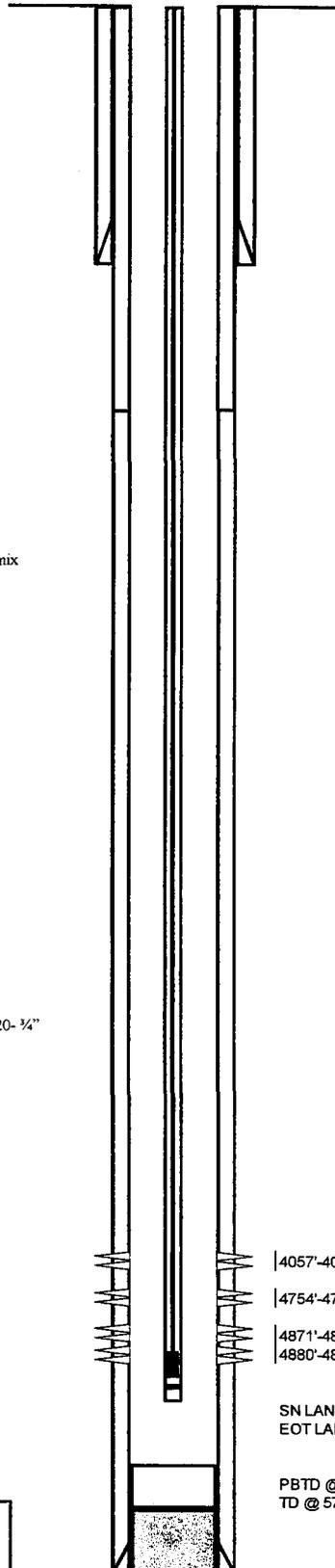
9/7/96 4754'-4761' BJ Services: 24,402 gal 2%
 4871'-4878' KCL water w/ 80, 100# 16/30
 4880'-4884' sand. ATP= 2200 psi, ATR=
 35.4 bpm, ISIP= 2100 psi,
 5 min=1780 psi, 10 min= 1690 psi,
 15 min= 1640 psi.
 9/7/96 4057'-4066' BJ Services: 14,532 gal 2%
 KCL water w/ 39,000# 16/30
 sand. ATP= 2000 psi, ATR= 31.0 bpm,
 ISIP= 1600 psi, 5 min= 1400 psi,
 10 min= 1290 psi, 15 min= 1230 psi,
 30 min= 1130 psi.

PERFORATION RECORD

9/5/96	Schlumberger	4754'-4761'	2 SPF
		4871'-4878'	2 SPF
		4880'-4884'	2 SPF
9/7/96	Schlumberger	4057'-4066'	4 SPF

3-20-08

Workover. Updated rod and tubing detail



4057'-4066'
 4754'-4761'
 4871'-4878'
 4880'-4884'

SN LANDED @ 4925' KB
 EOT LANDED @ 4958' KB

PBTD @ 5614' KB
 TD @ 5700' KB

NEWFIELD

Monument Federal 11-22-9-16Y
 957' FNL & 832' FWL
 NW/NW Section 22-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31647; Lease #UTU-64379

Federal 11A-22-9-16

Spud Date 5-15-07
 Put on Production 7-18-07
 GL 5867' KB 5879'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE 8-5/8"
 GRADE J-55
 WEIGHT 24#
 LENGTH 7 jnts (311 35')
 DEPTH LANDED 323 2' KB
 HOLE SIZE 12-1/4"
 CEMENT DATA 160 sxs Class "G" cmt, est 3 bbls cmt to surf

PRODUCTION CASING

CSG SIZE 5-1/2"
 GRADE J-55
 WEIGHT 15 5#
 LENGTH 134 jts (5829 37')
 DEPTH LANDED 5842 62' KB
 HOLE SIZE 7-7/8"
 CEMENT DATA 300 sxs Prem Lite II mixed & 400 sxs 50/50 POZ
 CEMENT TO SURFACE 183'

TUBING

SIZE/GRADE/WT 2-7/8" / J-55 / 6.5#
 NO OF JOINTS 178 jts (5538 8')
 TUBING ANCHOR 5538 8' KB
 NO OF JOINTS 2 jts (63 2')
 SEATING NIPPLE 2-7/8" (1 10')
 SN LANDED AT 5604 8' KB
 NO OF JOINTS 2 jts (60 4')
 TOTAL STRING LENGTH EOT @ 5667' KB

SUCKER RODS

POLISHED ROD 1-1/2" x 26' SM.
 SUCKER RODS 1- 8' x 3/4" pony rod, 1- 4' x 3/4" pony rod, 1- 2' x 3/4" pony rod, 100- 3/4" guided rods, 52- 3/4" guided rods, 66- 3/4" guided rods, 6- 1 1/2" weight bars
 PUMP SIZE 2-1/2" x 1-1/2" x 16' x 20' RHAC w/SM plunger
 STROKE LENGTH 120
 PUMP SPEED, SPM 5

FRAC JOB

7-9-07 5601-5618' **Frac CP5 sands as follows:**
 50556# 20/40 sand in 495 bbls Lightning 17 frac fluid Treated @ avg press of 1972 psi w/avg rate of 24.8 BPM ISIP 2200 psi Calc flush 5599 gal Actual flush 5082 gal

7-11-07 4885-4897' **Frac A1 sands as follows:**
 70631# 20/40 sand in 616 bbls Lightning 17 frac fluid Treated @ avg press of 1959 psi w/avg rate of 24.8 BPM ISIP 2160 psi Calc flush 4883 gal Actual flush 4410 gal

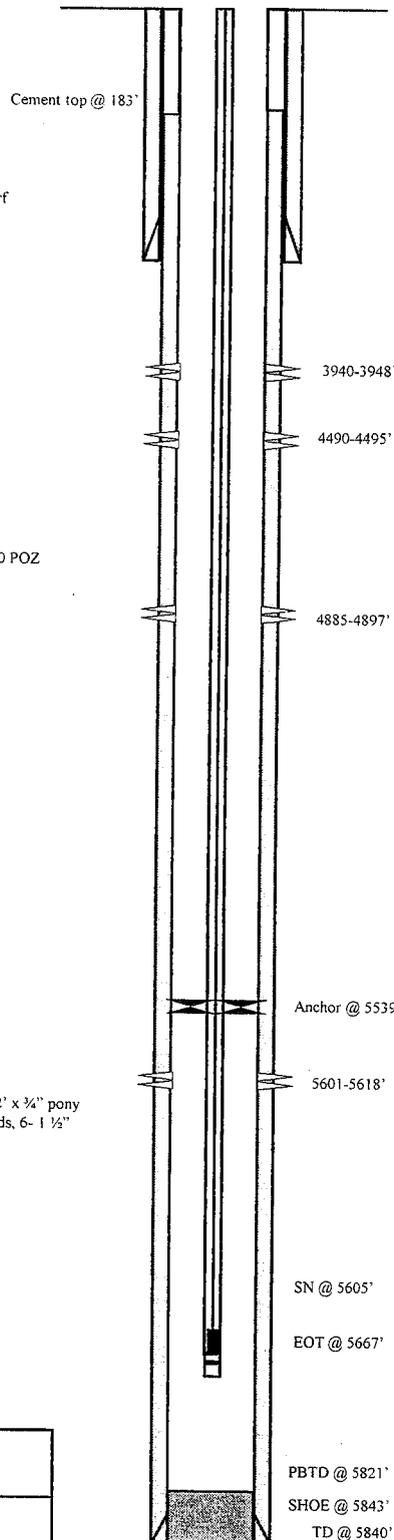
7-13-07 4490-4495' **Frac D1 sands as follows:**
 20088# 20/40 sand in 310 bbls Lightning 17 frac fluid Treated @ avg press of 1769 psi w/avg rate of 24.8 BPM ISIP 1908 psi Calc flush 4489 gal Actual flush 3990 gal

7-13-07 3940-3948' **Frac GB4 sands as follows:**
 42107# 20/40 sand in 394 bbls Lightning 17 frac fluid. 24.8 BPM ISIP 1470psi Calc flush 3938 gal Actual flush 3906 gal

06/25/08
 1/18/2010
 Workover Rod & Tubing detail updated
 Tubing leak Updated rod and tubing detail

PERFORATION RECORD

7-9-07	5601-5618'	4 JSPF	68 holes
7-18-07	4885-4897'	4 JSPF	48 holes
7-11-07	4490-4495'	4 JSPF	20 holes
7-13-07	3940-3948'	4 JSPF	32 holes





Federal 11A-22-9-16

2007' FSL & 1783' FWL
 NE/SW Section 22-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33149; Lease #UTU-74392

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**

Sales Rep: **Darren Betts**

Well Name: **SWDIF**

Lab Tech: **Gary Peterson**

Sample Point: **After production filter**

Sample Date: **12/9/2011**

Sample ID: **WA-204150**

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				

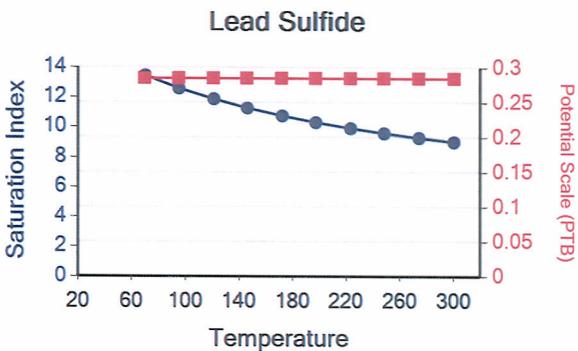
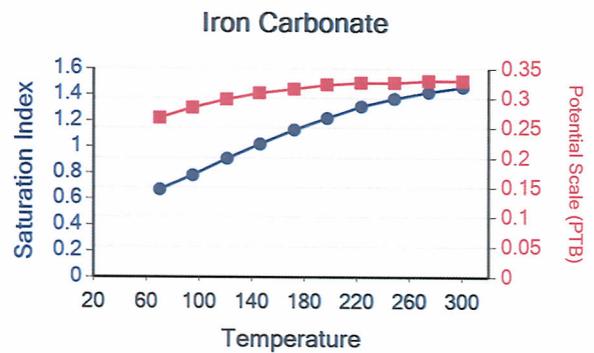
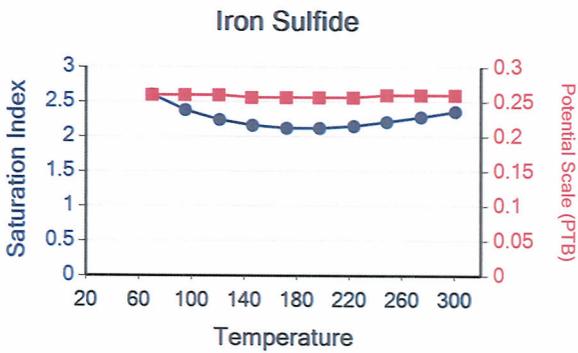
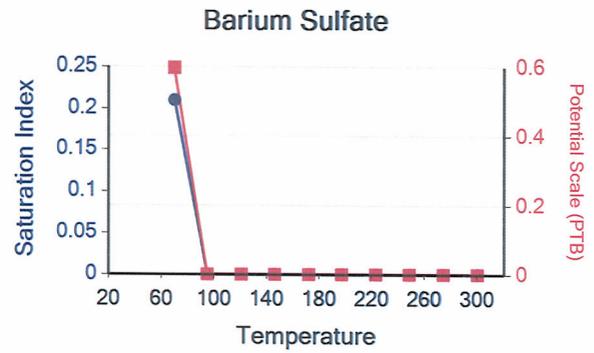
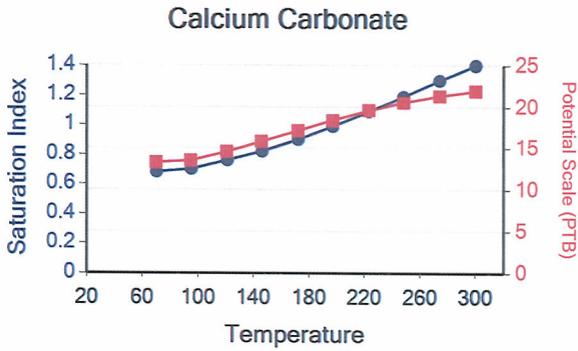
Notes:

(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: **FED 5-22-9-16**
 Sample Point: **Treater**
 Sample Date: **5/20/2012**
 Sample ID: **WA-214853**

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):	3984.45	Chloride (Cl):	5800.00
System Temperature 1 (°F):	120.00	Potassium (K):	48.00	Sulfate (SO ₄):	1267.00
System Pressure 1 (psig):	60.0000	Magnesium (Mg):	88.00	Bicarbonate (HCO ₃):	610.00
System Temperature 2 (°F):	185.00	Calcium (Ca):	361.00	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):	1.006	Barium (Ba):	0.14	Propionic Acid (C ₂ H ₅ COO)	0.00
pH:	8.80	Iron (Fe):	4.33	Butanoic Acid (C ₃ H ₇ COO)	0.00
Calculated TDS (mg/L):	12163.55	Zinc (Zn):	0.04	Isobutyric Acid ((CH ₃) ₂ CHCOO)	0.00
CO ₂ in Gas (%):	0.00	Lead (Pb):	0.17	Fluoride (F):	
Dissolved CO ₂ (mg/L):	0.00	Ammonia NH ₃ :		Bromine (Br):	
H ₂ S in Gas (%):	0.00	Manganese (Mn):	0.42	Silica (SiO ₂):	
H ₂ S in Water (mg/L):	0.00				

Notes:

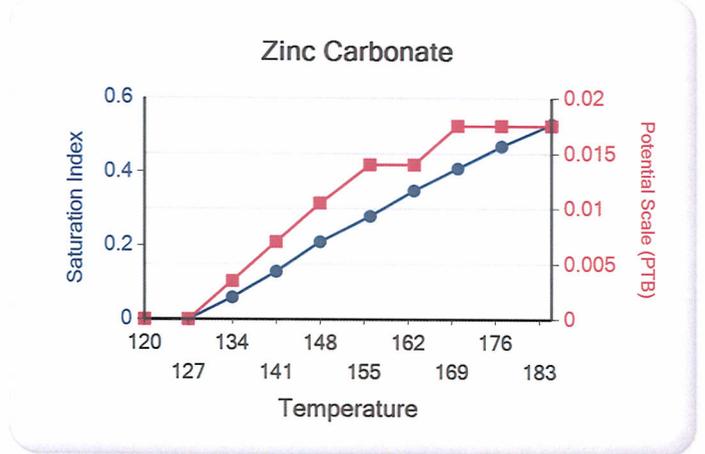
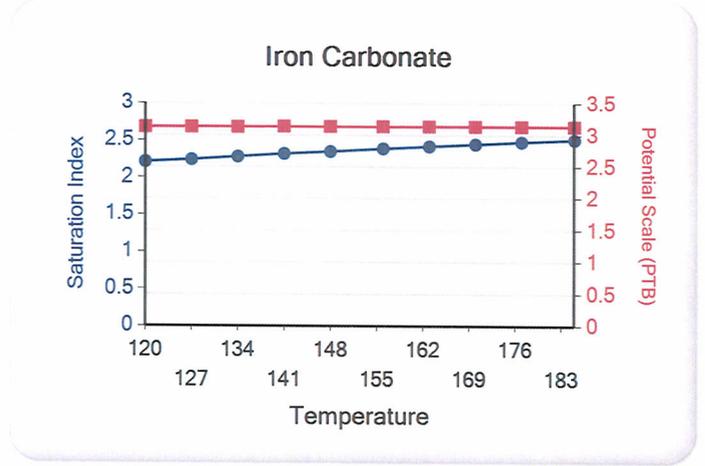
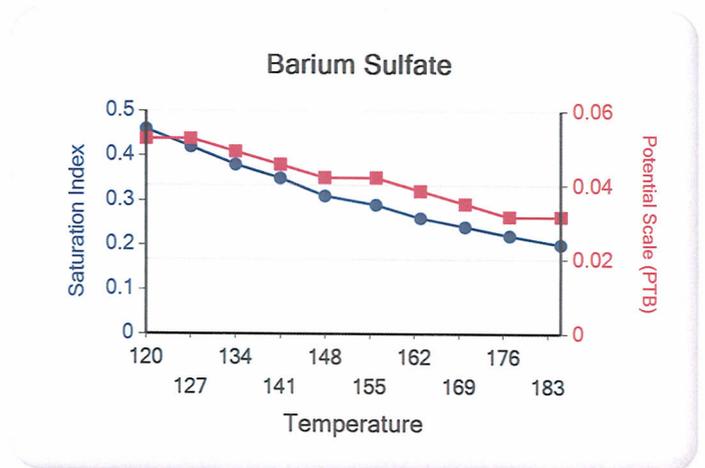
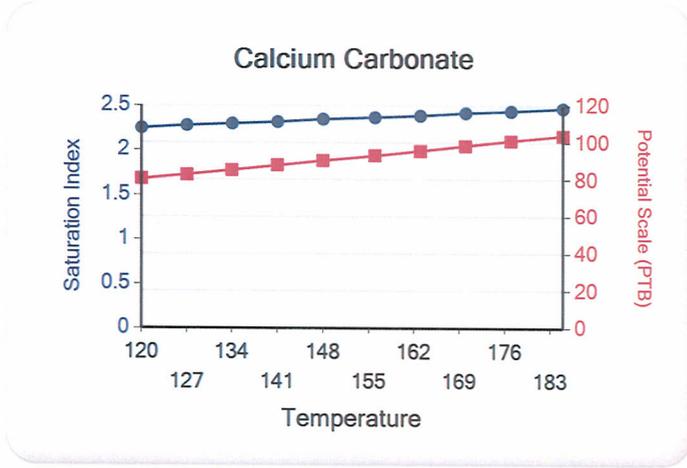
(PTB = Pounds per Thousand Barrels)

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	2.47	103.89	0.20	0.03	0.00	0.00	2.51	3.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.00	60.00	2.44	101.08	0.22	0.03	0.00	0.00	2.48	3.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	2.42	98.30	0.24	0.04	0.00	0.00	2.45	3.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163.00	60.00	2.39	95.56	0.26	0.04	0.00	0.00	2.42	3.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156.00	60.00	2.37	92.86	0.29	0.04	0.00	0.00	2.39	3.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148.00	60.00	2.35	90.21	0.31	0.04	0.00	0.00	2.35	3.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141.00	60.00	2.32	87.63	0.35	0.05	0.00	0.00	2.32	3.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134.00	60.00	2.30	85.13	0.38	0.05	0.00	0.00	2.28	3.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.00	60.00	2.28	82.70	0.42	0.05	0.00	0.00	2.24	3.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	2.25	80.37	0.46	0.05	0.00	0.00	2.21	3.13	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	0.53	0.02	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	0.47	0.02	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	0.41	0.02	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	0.35	0.01	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	0.28	0.01	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	0.21	0.01	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	0.13	0.01	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	0.06	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



Attachment "G"

**Federal #5-22-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5307	5313	5310	2669	0.94	2635
4916	4923	4920	2395	0.92	2363
4826	4835	4831	1676	0.78	1645 ←
4551	4556	4554	1868	0.84	1838
4208	4216	4212	2984	1.14	2957
				Minimum	<u><u>1645</u></u>

Calculation of Maximum Surface Injection Pressure

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

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

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



1 of 9

DAILY COMPLETION REPORT

WELL NAME: Federal 5-22-9-16 Report Date: 30-Apr-08 Day: 1
Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 318' Prod Csg: 5 1/2" @ 5920' Csg PBTD: 5856' WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Contains data for LODC zones at 5240-5248', 5285-5293', and 5307-5313'.

CHRONOLOGICAL OPERATIONS

Date Work Performed: 29-Apr-08 SITP: SICP: 0

Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5856' & cement top @ 114'. Perforate stage #1. LODC sds @ 5307- 13', 5285- 93', 5240- 48' w/ 3 1/8" slick guns (19 gram, .49" HE, 120 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 88 shots. 140 BWTR. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 140 Starting oil rec to date:
Fluid lost/recovered today: 0 Oil lost/recovered today:
Ending fluid to be recovered: 140 Cum oil recovered:
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

- Weatherford BOP
NPC NU crew
NDSI trucking
Perforators LLC
Drilling cost
Zubiate hot oil
Location preparation
NPC wellhead
Benco - anchors
Admin. Overhead
NPC Supervisor

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: 15 min:

Completion Supervisor: Orson Barney

DAILY COST: \$0

TOTAL WELL COST:



DAILY COMPLETION REPORT

WELL NAME: Federal 5-22-9-16 **Report Date:** 7-May-08 **Day:** 2c
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 318' **Prod Csg:** 5 1/2" @ 5920' **Csg PBTD:** 5856' WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** 4870'
Plug 4916'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC	5240-5248'	4/32
			LODC	5285-5293'	4/32
			LODC	5307-5313'	4/24
B2 sds	4826-4835'	4/36			
A.5 sds	4916-4923'	4/28			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 6-May-08 **SITP:** _____ **SICP:** 1584
 Day2c.

RU WLT. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 9' perf gun.. Set plug @ 4870' Perforate B2 sds @ 4826-35' w/ 4 spf for total of 36 shots. RU BJ & frac stage #3 w/ 29,485#'s of 20/40 sand in 377 bbls of Lightning 17 frac fluid. Open well w/ 1584 psi on casing. Perfs broke down @ 1922 psi. Pump 30 gals o Techna Hib chemical. Treated @ ave pressure of 1724 w/ ave rate of 23.4 bpm w/ 6.5 ppg of sand. Spot 12 bbls o 15% HCL acid in flush for next stage. ISIP was 1676. 1571 bbls EWTR. Leave pressure on well. **See day2d.**

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1194 **Starting oil rec to date:** _____
Fluid lost/recovered today: 377 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1571 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

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

Procedure or Equipment detail: B2 sds down casing
1386 gals w/ Techna Hib & to cross link
2982 gals of pad
2319 gals w/ 1-4 ppg of 20/40 sand
4317 gals w/ 4-6.5 ppg of 20/40 sand
504 gals of 15% HCL acid
Flush w/ 4326 gals of slick water

COSTS

Weatherford Services	_____
C-D trkg frac water	_____
NPC fuel gas	_____
BJ Services B2 sds	_____
Lone Wolf B2 sds	_____

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

Max TP: 1983 **Max Rate:** 23.4 **Total fluid pmpd:** 377 bbls
Avg TP: 1724 **Avg Rate:** 23.4 bpm **Total Prop pmpd:** 29,485#'s
ISIP: 1676 **5 min:** _____ **10 min:** _____ **FG:** .78

Completion Supervisor: Ron Shuck

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



DAILY COMPLETION REPORT

WELL NAME: Federal 5-22-9-16 **Report Date:** 7-May-08 **Day:** 2d
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 318' **Prod Csg:** 5 1/2" @ 5920' **Csg PBTD:** 5856' WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** 4690'
Plug 4916' 4870'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC	5240-5248'	4/32
<u>D1 sds</u>	<u>4551-4556'</u>	<u>4/20</u>	LODC	5285-5293'	4/32
<u>D1 sds</u>	<u>4583-4588'</u>	<u>4/20</u>	LODC	5307-5313'	4/24
<u>B2 sds</u>	<u>4826-4835'</u>	<u>4/36</u>			
<u>A.5 sds</u>	<u>4916-4923'</u>	<u>4/28</u>			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 6-May-08 **SITP:** _____ **SICP:** 1455

Day 2d.

RU WLT. RIH w/ frac plug & 5' & 5' perf guns. Set plug @ 4690'. Perforate D1 sds @ 4583-88' & 4551-56' w/ 4 sp for total of 40 shots. RU BJ & frac stage #4 w/ 19,618#'s of 20/40 sand in 297 bbls of Lightning 17 frac fluid. Oper well w/ 1455 psi on casing. Perfs broke down @ 2524 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 1788 w/ ave rate of 23.2 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage ISIP was 1868. 1868 bbls EWTR. Leave pressure on well. **See day2e.**

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1571 **Starting oil rec to date:** _____
Fluid lost/recovered today: 297 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1868 **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: D1 sds down casing
1512 gals w/ Techna Hib & to cross link
2016 gals of pad
1511 gals w/ 1-4 ppg of 20/40 sand
2857 gals w/ 4-6.5 ppg of 20/40 sand
504 gals of 15% HCL acid
Flush w/ 4074 gals of slick water

COSTS

Weatherford Services
C-D trkg frac water
NPC fuel gas
BJ Services D1 sds
Lone Wolf D1 sds

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

Max TP: 1978 **Max Rate:** 23.7 **Total fluid pmpd:** 297 bbls
Avg TP: 1788 **Avg Rate:** 23.2 bpm **Total Prop pmpd:** 19,618#'s
ISIP: 1868 **5 min:** _____ **10 min:** _____ **FG:** .84

Completion Supervisor: Ron Shuck

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



7 of 9

DAILY COMPLETION REPORT

WELL NAME: Federal 5-22-9-16 **Report Date:** 8-May-08 **Day:** 3
Operation: Completion **Rig:** Western #1

WELL STATUS

Surf Csg: 8 5/8' @ 318' **Prod Csg:** 5 1/2" @ 5920' **Csg PBTD:** 5856' WL
Tbg: **Size:** 2-7/8" **Wt:** 6.5# **Grd:** J-55 **Pkr/EOT @:** 5036' **BP/Sand PBTD:** 4320'
Plug 4916' 4870' 4690'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<u>PB7 sds</u>	<u>4208-4216'</u>	<u>4/32</u>	<u>LODC</u>	<u>5240-5248'</u>	<u>4/32</u>
<u>D1 sds</u>	<u>4551-4556'</u>	<u>4/20</u>	<u>LODC</u>	<u>5285-5293'</u>	<u>4/32</u>
<u>D1 sds</u>	<u>4583-4588'</u>	<u>4/20</u>	<u>LODC</u>	<u>5307-5313'</u>	<u>4/24</u>
<u>B2 sds</u>	<u>4826-4835'</u>	<u>4/36</u>			
<u>A.5 sds</u>	<u>4916-4923'</u>	<u>4/28</u>			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 7-May-08 **SITP:** _____ **SICP:** 0
MIRUSU. Open well w/ 0 psi on casing. RD Cameron BOP's & 5K frac head. Instal 3K production tbg head & Scheafer BOP's. Unload tbg on racks. RU 4-3/4" Chomp mill & X-over. Tally, pick up & TIH w/ new J-55, 2-7/8", 6.5# tbg to tag sand @ 4187'. RU swivel, pump & tanks. C/O to plug @ 4320'. Drlg out plug #1. TIH w/ tbg to tag plug @ 4690'. Drlg out plug #2. TIH w/ tbg to tag plug @ 4870'. Drlg out plug #3. TIH w/ tbg to tag plug @ 4916'. Drlg out plug #4. TIH w/ tbg to tag sand @ 4920'. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2168 **Starting oil rec to date:** _____
Fluid lost/recovered today: 0 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 2168 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

TUBING DETAIL	ROD DETAIL	COSTS
		<u>Western rig</u>
<u>KB 12.00'</u>	<u>1 1/2" X 26' polished rod</u>	<u>Weatherford BOP's</u>
<u>161 2 7/8 J-55 tbg (5036')</u>	<u>X 3/4" ponies</u>	<u>NPC tbg ("A" grade)</u>
<u>TA (2.75')</u>	<u>3/4" scraped rods</u>	<u>NDSI wtr trk</u>
<u>2 7/8 J-55 tbg (')</u>	<u>3/4" plain rods</u>	<u>Unichem Chemical</u>
<u>SN (1.10')</u>	<u>20-3/4" scraped rods</u>	<u>Nabors power swivel</u>
<u>2 7/8 J-55 tbg (')</u>	<u>6-1 1/2" weight rods</u>	<u>Monks pit reclaim</u>
<u>2 7/8 Notched collar (.45)</u>	<u>CDI 2 1/2" X 1 1/2" X '</u>	<u>NPC sfc equipment</u>
<u>EOT w/ 12' KB</u>	<u>RHAC pump W/ SM plunger</u>	<u>Boren Labor/welding</u>
		<u>NDSI wtr disposal</u>
		<u>NPC trkg rig equip</u>
		<u>NPC trkg Completion</u>
		<u>NPC Supervisor</u>
		DAILY COST: _____ \$0
		TOTAL WELL COST: _____ \$0

Completion Supervisor: Ron Shuck



DAILY COMPLETION REPORT

WELL NAME: Federal 5-22-9-16 **Report Date:** 10-May-08 **Day:** 5
Operation: Completion **Rig:** Western #1

WELL STATUS

Surf Csg: 8 5/8' @ 318' **Prod Csg:** 5 1/2" @ 5920' **Csg PBTD:** 5898'
Tbg: **Size:** 2-7/8" **Wt:** 6.5# **Grd:** J-55 **Pkr/EOT @:** 5392' **BP/Sand PBTD:** 5898'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<u>PB7 sds</u>	<u>4208-4216'</u>	<u>4/32</u>	<u>LODC</u>	<u>5240-5248'</u>	<u>4/32</u>
<u>D1 sds</u>	<u>4551-4556'</u>	<u>4/20</u>	<u>LODC</u>	<u>5285-5293'</u>	<u>4/32</u>
<u>D1 sds</u>	<u>4583-4588'</u>	<u>4/20</u>	<u>LODC</u>	<u>5307-5313'</u>	<u>4/24</u>
<u>B2 sds</u>	<u>4826-4835'</u>	<u>4/36</u>			
<u>A.5 sds</u>	<u>4916-4923'</u>	<u>4/28</u>			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 9-May-08 **SITP:** _____ **SICP:** 75
 Open well w/ 75 psi on casing. Flush tbg w/ 60 bbls water. Pick up & prime pump. TIH w/ new CDI 2-1/2" x 1-1/2" x 12' x 15' RHAC pump w/ 118"SL, 6- 1-1/2" weight rods, 20- 3/4" guided rods, 87- 3/4" plain rods, 99- 3/4" guided rods 2', 6' pony rods, 1-1/2" x 26' polished rod. Space pump. Test tbg & pump to 800 psi. RD MOSU. POP @ 12PM w/ 4 SPM w/ 86"SL. **Final report.**

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2168 **Starting oil rec to date:** _____
Fluid lost/recovered today: 0 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 2168 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

TUBING DETAIL

ROD DETAIL

COSTS

<u>KB 12.00'</u>	<u>1 1/2" X 26' polished rod</u>	<u>Western rig</u>
<u>167 2 7/8 J-55 tbg 5250.00'</u>	<u>2', 6' X 3/4" ponies</u>	<u>CDI pump</u>
<u>TA (2.80') 5262.00'</u>	<u>99- 3/4" scraped rods</u>	<u>NPC frac tnks 6X8dys</u>
<u>2 2 7/8 J-55 tbg (63.20')</u>	<u>87- 3/4" plain rods</u>	<u>NPC frac head</u>
<u>SN (1.10') 5328.00'</u>	<u>20-3/4" scraped rods</u>	<u>NPC swab trnk</u>
<u>2 2 7/8 J-55 tbg (62.76')</u>	<u>6-1 1/2" weight rods</u>	<u>rds ("A" grade)</u>
<u>2 7/8 Notched collar (.45)</u>	<u>CDI 2 1/2' X 1 1/2" X 12' X 15'</u>	<u>NDSI Hot Oil</u>
<u>EOT w/ 12' KB 5392.31'</u>	<u>RHAC pump W/ SM plunger</u>	<u>NPC Supervisor</u>
	<u>118"</u>	

DAILY COST: _____ \$0

TOTAL WELL COST: _____ \$0

Completion Supervisor: Ron Shuck

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4158'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 179' balance plug using 20 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 41 sx Class "G" cement down 5 ½" casing to 368'

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

Federal 5-22-9-16

Spud Date: 3-18-08
 Put on Production: 5-9-08
 GL: 5918' KB: 5930'

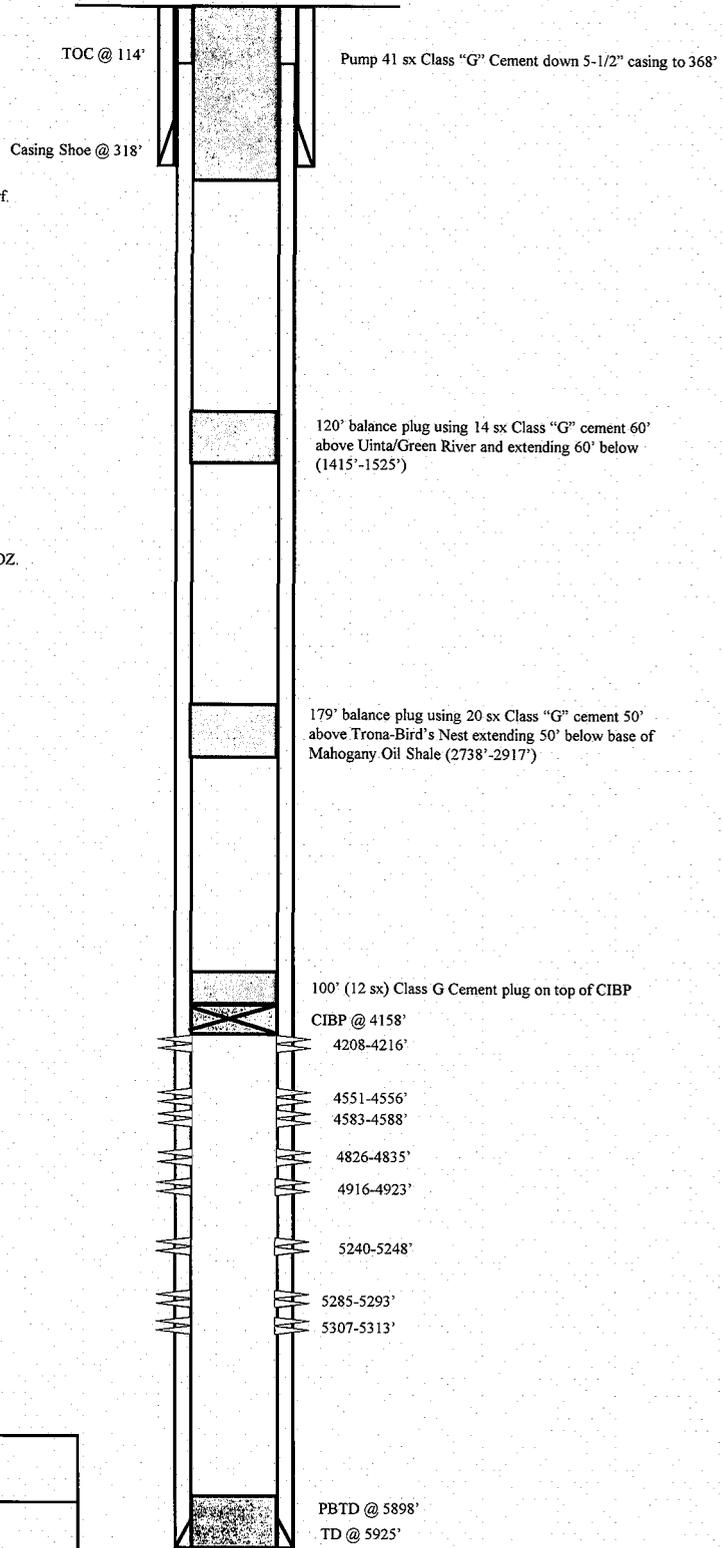
SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (307.89')
 DEPTH LANDED: 317.89'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, circ. 8 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 141 jts (5922.15')
 DEPTH LANDED: 5920.15'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 114' per CBL 4/29/08

Proposed P & A Wellbore Diagram




Federal 5-22-9-16 1989' FNL & 613' FWL SW/NW Section 22-T9S-R16E Duchesne Co, Utah API # 43-013-33025; Lease # UTU-64379



*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

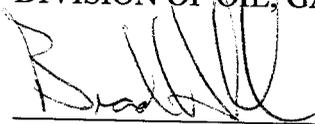
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

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", 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
EEmail	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			<u>PQ Number</u>	UIC 395

Confirmation Notes:
Text: Jean

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

<u>Product</u>	<u>Placement</u>	<u>Position</u>
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	06/26/2012	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	06/26/2012	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	06/26/2012	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
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, 6, 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 303-993-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injector wells:

Greener Mountain 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 15-6-9-16 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

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 15, 2012

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

Subject: Greater Monument Butte Unit Well: Federal 5-22-9-16, Section 22, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33025

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 observed pressure changes shall be reported to the Division immediately.
5. Because the cement top is problematic in the Federal 41-21Y well (43-013-31392), pressure between the surface casing and the production casing in that well shall be monitored on a regular basis. Any observed pressure changes shall be reported to the Division immediately.

Page 2

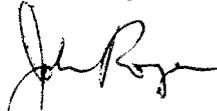
August 15, 2012

Conversion Approval Federal 5-22-9-16

6. The top of the injection interval shall be limited to a depth no higher than 3,874 feet in the Federal 5-22-9-16 well.

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

Sincerely,

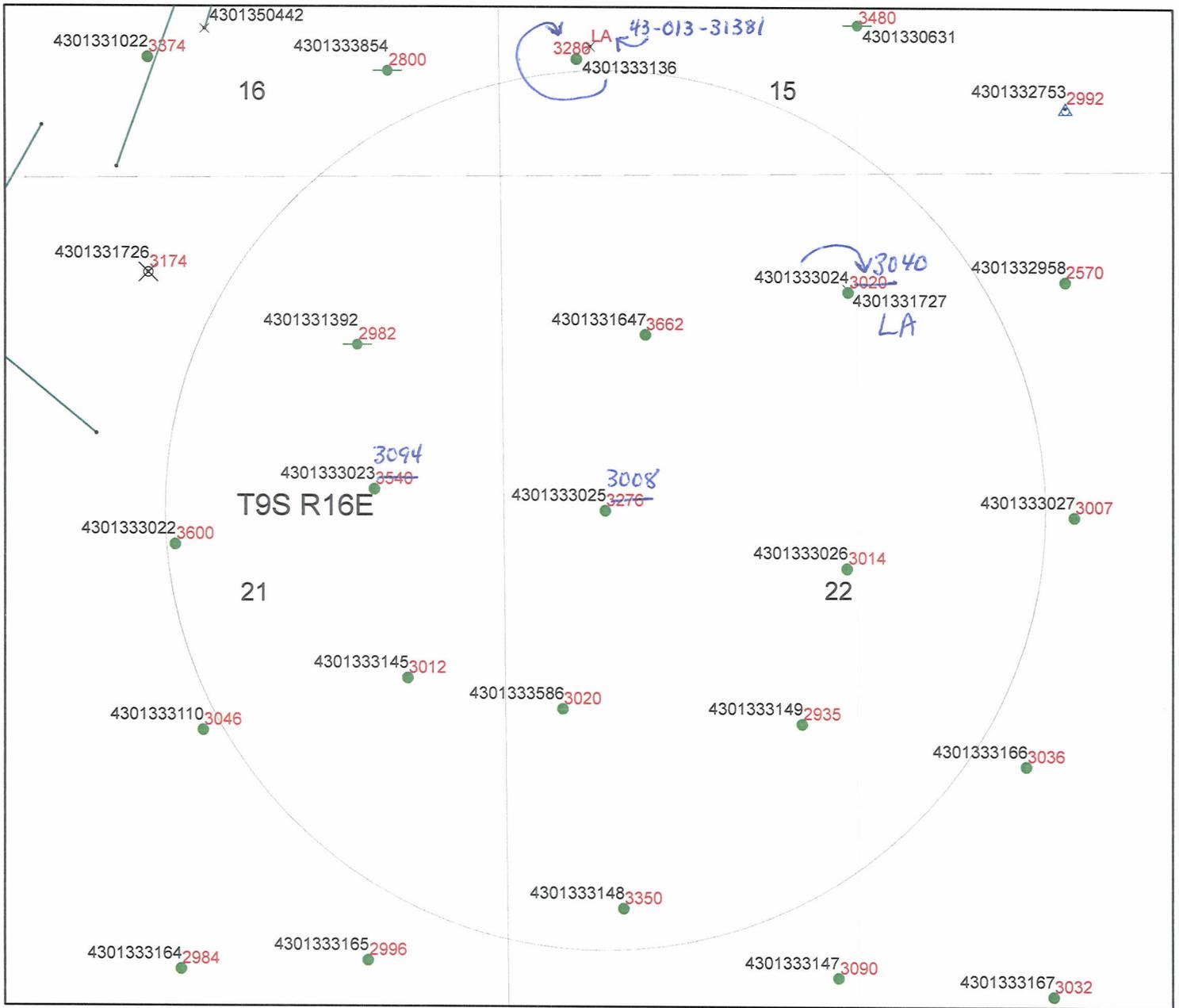


John Rogers
Associate Director

JR/MLR/js

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

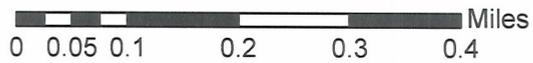
N:\O&G Reviewed Docs\ChronFile\UIC



Cement Bond Tops
 FEDERAL 5-22-9-16
 API #43-013-33025
 UIC 395.13

Legend

- Buffer_of_SGID93_ENERGY_DNROilGasWells_148
- SGID93_ENERGY_DNROilGasWells
- SGID93.ENERGY.DNROilGasWells**
- GIS_STAT_TYPE**
- APD
- ⊙ DRL
- ⊙ GIW
- _{os} GSW
- × LA
- LOC
- OPS
- ⊙ PA
- ⊙ PGW
- POW
- ▲ RET
- ⊙ SGW
- SOW
- ⊙ TA
- TW
- ⊙ WDW
- ▲ WIW
- WSW
- SGID93.BOUNDARIES.Counties
- SGID93_ENERGY.DNROilGasWells_HDBottom
- SGID93_ENERGY.DNROilGasWells_HDPath
- Wells-CbitopsMaster07_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 5-22-9-16

Location: 22/9S/16E **API:** 43-013-33025

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 318 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,920 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,008 feet. A 2 7/8 inch tubing with a packer will be set at 4,158 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 10 producing wells and 1 shut-in well in the AOR. All of the wells appear to have adequate casing and cement for the proposed injection interval. However, the cement top based on the CBL (8/23/1993) in the Federal 41-21Y well (API# 43-013-31392), located approximately 0.3 mile northwest of the Federal 5-22 well, is somewhat problematic. The cement top of 2,982 feet is believed to represent the top of “lite” cement in the 41-21Y well. Because of some concern about the quality of this cement, Newfield will be required to monitor pressure between surface casing and production casing in the 41-21Y well on a regular basis.

Ground Water Protection: As interpreted from the Utah Geological Survey’s DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2700 feet. Injection shall be limited to the interval between 3,874 feet and 5,898 feet in the Green River Formation. However, as described in the previous paragraph, Newfield will be required to monitor pressure between surface casing and production casing in the Federal 41-21Y well on a regular basis. Information submitted by Newfield indicates that the fracture gradient for the 5-22-9-16 well is 0.78 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,645 psig. The requested maximum pressure is 1,645 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 5-22-9-16

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 8/8/2012

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 5-22-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013330250000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1989 FNL 0613 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 22 Township: 09.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE COUNTY: DUCHESNE STATE: UTAH

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

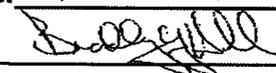
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/18/2012 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

The subject well has been converted from a producing oil well to an injection well on 09/14/2012. New perforations added: C sands 4712-4718' 3 JSPF, GB6 sands 4057-4060' 3 JSPF, & GB4 sands 4023-4026' 3 JSPF. On 09/17/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/18/2012 the casing was pressured up to 1550 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 140 psig during the test. There was a State representative available to witness the test - Chris Jensen.

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

Date: September 24, 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: Chris Jensen Date 9/18/12 Time 10:10 am pm
Test Conducted by: Kody Olson
Others Present: _____

Well: FEDERAL 5-22-9-16 Field: MON. BUTTE
Well Location: SW/NW Sec. 22, T9S, R16E API No: 43-013-33025
DUCHESNE, CTY, UT UTU 87538X

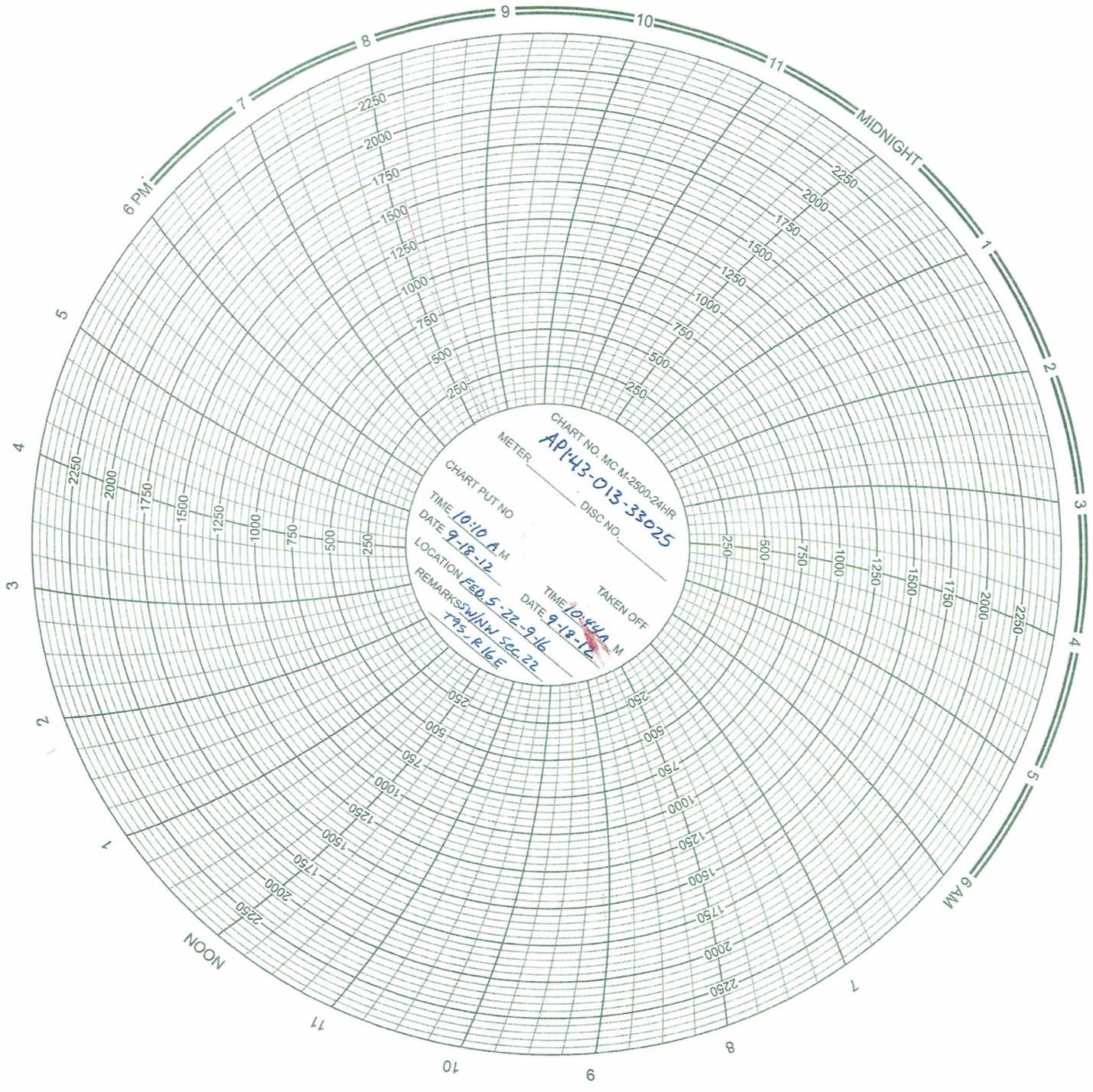
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1550</u>	psig
5	<u>1550</u>	psig
10	<u>1550</u>	psig
15	<u>1550</u>	psig
20	<u>1550</u>	psig
25	<u>1550</u>	psig
30 min	<u>1550</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 140 psig

Result: Pass Fail

Signature of Witness: Chris Jensen
Signature of Person Conducting Test: Kody Olson

Sundry Number: 30118 API Well Number: 43013330250000



Daily Activity Report

Format For Sundry

FEDERAL 5-22-9-16

7/1/2012 To 11/30/2012

9/12/2012 Day: 3

Conversion

WWS #5 on 9/12/2012 - Perforate GB4, GB6 & C sands. PU tandem RBP & Pkr on 2 7/8" N-80 6.5# 8rd EUE workstring. Frac C sands. - Open well for flowback on 30/64 choke @ approx 3 BPM. Flow until dead. Recovered approx 60 bbls. Release Pkr & circulate tbg clean. Circulate down to RBP @ 4772'. Circulate well clean. Latch onto & release RBP. PUH & set RBP @ 4134'. PUH & leave EOT @ 4040'. SWIFN. - MIRU WWS #3. - Open well for flowback on 30/64 choke @ approx 3 BPM. Flow until dead. Recovered approx 60 bbls. Release Pkr & circulate tbg clean. Circulate down to RBP @ 4772'. Circulate well clean. Latch onto & release RBP. PUH & set RBP @ 4134'. PUH & leave EOT @ 4040'. SWIFN. - Frac C sds down tbg w/ 10,839#s 20/40 white sand in 126 bbls lightning 17 frac fluid. 0 psi on well. Broke @ 3325 psi @ 4.7 BPM w/ 14.4 BW. ISIP 1425 psi, FG:.73, 1 min SIP 990 psi, 4 min SIP 486 psi. Pumped 500 gal 15% HCL. Treated w/ ave pressure of 5164 psi w/ ave rate of 16.7 BPM. Max pressure of 6691 psi & max rate of 18.9 BPM. ISDP 1789 psi, FG:.81, 5 min SIP 1619 psi, 10 min SIP 1487 psi, 15 min SIP 1381 psi. - Frac C sds down tbg w/ 10,839#s 20/40 white sand in 126 bbls lightning 17 frac fluid. 0 psi on well. Broke @ 3325 psi @ 4.7 BPM w/ 14.4 BW. ISIP 1425 psi, FG:.73, 1 min SIP 990 psi, 4 min SIP 486 psi. Pumped 500 gal 15% HCL. Treated w/ ave pressure of 5164 psi w/ ave rate of 16.7 BPM. Max pressure of 6691 psi & max rate of 18.9 BPM. ISDP 1789 psi, FG:.81, 5 min SIP 1619 psi, 10 min SIP 1487 psi, 15 min SIP 1381 psi. - Frac C sds down tbg w/ 10,839#s 20/40 white sand in 126 bbls lightning 17 frac fluid. 0 psi on well. Broke @ 3325 psi @ 4.7 BPM w/ 14.4 BW. ISIP 1425 psi, FG:.73, 1 min SIP 990 psi, 4 min SIP 486 psi. Pumped 500 gal 15% HCL. Treated w/ ave pressure of 5164 psi w/ ave rate of 16.7 BPM. Max pressure of 6691 psi & max rate of 18.9 BPM. ISDP 1789 psi, FG:.81, 5 min SIP 1619 psi, 10 min SIP 1487 psi, 15 min SIP 1381 psi. - MIRU Baker Hughes frac equipment. - MIRU Baker Hughes frac equipment. - Talley & PU Weatherford RBP & Pkr, 151- jts 2 7/8" N-80 6.5# 8rd EUE work string. Set RBP @ 4772'. PUH & set Pkr @ 4667'. - Talley & PU Weatherford RBP & Pkr, 151- jts 2 7/8" N-80 6.5# 8rd EUE work string. Set RBP @ 4772'. PUH & set Pkr @ 4667'. - Talley & PU Weatherford RBP & Pkr, 151- jts 2 7/8" N-80 6.5# 8rd EUE work string. Set RBP @ 4772'. PUH & set Pkr @ 4667'. - RU Perforators WLT. PU & RIH w/ perf guns. Perforate C sds from 4716-18' & 4712-13', GB6 sds @ 4057-60' & GB4 sds @ 4023-26' w/ Disposable slick guns @ 3 SPF 120° phasing (16 gram, .34" EH, 21.00" pen). RD Perforators WLT. - RU Perforators WLT. PU & RIH w/ perf guns. Perforate C sds from 4716-18' & 4712-13', GB6 sds @ 4057-60' & GB4 sds @ 4023-26' w/ Disposable slick guns @ 3 SPF 120° phasing (16 gram, .34" EH, 21.00" pen). RD Perforators WLT. - RU Perforators WLT. PU & RIH w/ perf guns. Perforate C sds from 4716-18' & 4712-13', GB6 sds @ 4057-60' & GB4 sds @ 4023-26' w/ Disposable slick guns @ 3 SPF 120° phasing (16 gram, .34" EH, 21.00" pen). RD Perforators WLT. - RD pumping unit. Unseat rod pump w/ 8K over string weight. Pump 45 BW down tbg @ 250°. Soft seat rod pump. Fill tbg w/ 10 BW & pressure test tbg to 3000 psi. LD rods as follows: 1 1/2" X 26' polish rod., 1- 4'X3/4" pony rod, 98- 3/4" 4per guided rods, 59- 3/4" plain rods, 48- 3/4" 4per guided rods, 6- 1 1/2" weight rods w/ stabilizers & rod pump. Flushed rods w/ additional 20 BW @ 250° during TOOH. ND wellhead. Release TA. NU BOPs. RU rig floor & tbg equipment. TOOH w/ 128- jts 2 7/8" J-55 6.5# 8rd EUE tbg (talleying, breaking every collar & applying Liquid O-ring to threads). LD 43- jts 2 7/8" J-55 6.5# 8rd EUE tbg on trailer. LD BHA. Flushed tbg w/ 30 BW @ 250° during TOOH. SWIFN. - RD pumping unit. Unseat rod pump w/ 8K over string weight. Pump 45 BW down tbg @ 250°. Soft seat rod pump. Fill tbg w/ 10 BW & pressure test tbg to 3000 psi. LD rods as follows: 1 1/2" X 26' polish rod., 1- 4'X3/4" pony rod, 98- 3/4" 4per guided rods, 59- 3/4" plain rods, 48- 3/4" 4per guided rods, 6- 1 1/2" weight rods w/ stabilizers & rod pump. Flushed rods w/ additional 20 BW @ 250° during TOOH. ND wellhead. Release TA. NU BOPs. RU rig floor & tbg equipment. TOOH w/ 128- jts 2

7/8" J-55 6.5# 8rd EUE tbg (talleying, breaking every collar & applying Liquid O-ring to threads). LD 43- jts 2 7/8" J-55 6.5# 8rd EUE tbg on trailer. LD BHA. Flushed tbg w/ 30 BW @ 250° during TOOH. SWIFN. - RD pumping unit. Unseat rod pump w/ 8K over string weight. Pump 45 BW down tbg @ 250°. Soft seat rod pump. Fill tbg w/ 10 BW & pressure test tbg to 3000 psi. LD rods as follows: 1 1/2" X 26' polish rod., 1- 4'X3/4" pony rod, 98- 3/4" 4per guided rods, 59- 3/4" plain rods, 48- 3/4" 4per guided rods, 6- 1 1/2" weight rods w/ stabilizers & rod pump. Flushed rods w/ additional 20 BW @ 250° during TOOH. ND wellhead. Release TA. NU BOPs. RU rig floor & tbg equipment. TOOH w/ 128- jts 2 7/8" J-55 6.5# 8rd EUE tbg (talleying, breaking every collar & applying Liquid O-ring to threads). LD 43- jts 2 7/8" J-55 6.5# 8rd EUE tbg on trailer. LD BHA. Flushed tbg w/ 30 BW @ 250° during TOOH. SWIFN. - MIRU WWS #3. - MIRU WWS #3. - MIRU WWS #3. - Open well for flowback on 30/64 choke @ approx 3 BPM. Flow until dead. Recovered approx 60 bbls. Release Pkr & circulate tbg clean. Circulate down to RBP @ 4772'. Circulate well clean. Latch onto & release RBP. PUH & set RBP @ 4134'. PUH & leave EOT @ 4040'. SWIFN. - Open well for flowback on 30/64 choke @ approx 3 BPM. Flow until dead. Recovered approx 60 bbls. Release Pkr & circulate tbg clean. Circulate down to RBP @ 4772'. Circulate well clean. Latch onto & release RBP. PUH & set RBP @ 4134'. PUH & leave EOT @ 4040'. SWIFN. - Open well for flowback on 30/64 choke @ approx 3 BPM. Flow until dead. Recovered approx 60 bbls. Release Pkr & circulate tbg clean. Circulate down to RBP @ 4772'. Circulate well clean. Latch onto & release RBP. PUH & set RBP @ 4134'. PUH & leave EOT @ 4040'. SWIFN. - Frac C sds down tbg w/ 10,839#s 20/40 white sand in 126 bbls lightning 17 frac fluid. 0 psi on well. Broke @ 3325 psi @ 4.7 BPM w/ 14.4 BW. ISIP 1425 psi, FG:.73, 1 min SIP 990 psi, 4 min SIP 486 psi. Pumped 500 gal 15% HCL. Treated w/ ave pressure of 5164 psi w/ ave rate of 16.7 BPM. Max pressure of 6691 psi & max rate of 18.9 BPM. ISDP 1789 psi, FG:.81, 5 min SIP 1619 psi, 10 min SIP 1487 psi, 15 min SIP 1381 psi. - Frac C sds down tbg w/ 10,839#s 20/40 white sand in 126 bbls lightning 17 frac fluid. 0 psi on well. Broke @ 3325 psi @ 4.7 BPM w/ 14.4 BW. ISIP 1425 psi, FG:.73, 1 min SIP 990 psi, 4 min SIP 486 psi. Pumped 500 gal 15% HCL. Treated w/ ave pressure of 5164 psi w/ ave rate of 16.7 BPM. Max pressure of 6691 psi & max rate of 18.9 BPM. ISDP 1789 psi, FG:.81, 5 min SIP 1619 psi, 10 min SIP 1487 psi, 15 min SIP 1381 psi. - Frac C sds down tbg w/ 10,839#s 20/40 white sand in 126 bbls lightning 17 frac fluid. 0 psi on well. Broke @ 3325 psi @ 4.7 BPM w/ 14.4 BW. ISIP 1425 psi, FG:.73, 1 min SIP 990 psi, 4 min SIP 486 psi. Pumped 500 gal 15% HCL. Treated w/ ave pressure of 5164 psi w/ ave rate of 16.7 BPM. Max pressure of 6691 psi & max rate of 18.9 BPM. ISDP 1789 psi, FG:.81, 5 min SIP 1619 psi, 10 min SIP 1487 psi, 15 min SIP 1381 psi. - MIRU Baker Hughes frac equipment. - MIRU Baker Hughes frac equipment. - MIRU Baker Hughes frac equipment. - Talley & PU Weatherford RBP & Pkr, 151- jts 2 7/8" N-80 6.5# 8rd EUE work string. Set RBP @ 4772'. PUH & set Pkr @ 4667'. - Talley & PU Weatherford RBP & Pkr, 151- jts 2 7/8" N-80 6.5# 8rd EUE work string. Set RBP @ 4772'. PUH & set Pkr @ 4667'. - Talley & PU Weatherford RBP & Pkr, 151- jts 2 7/8" N-80 6.5# 8rd EUE work string. Set RBP @ 4772'. PUH & set Pkr @ 4667'. - RU Perforators WLT. PU & RIH w/ perf guns. Perforate C sds from 4716-18' & 4712-13', GB6 sds @ 4057-60' & GB4 sds @ 4023-26' w/ Disposable slick guns @ 3 SPF 120° phasing (16 gram, .34" EH, 21.00" pen). RD Perforators WLT. - RU Perforators WLT. PU & RIH w/ perf guns. Perforate C sds from 4716-18' & 4712-13', GB6 sds @ 4057-60' & GB4 sds @ 4023-26' w/ Disposable slick guns @ 3 SPF 120° phasing (16 gram, .34" EH, 21.00" pen). RD Perforators WLT. - RU Perforators WLT. PU & RIH w/ perf guns. Perforate C sds from 4716-18' & 4712-13', GB6 sds @ 4057-60' & GB4 sds @ 4023-26' w/ Disposable slick guns @ 3 SPF 120° phasing (16 gram, .34" EH, 21.00" pen). RD Perforators WLT. - RD pumping unit. Unseat rod pump w/ 8K over string weight. Pump 45 BW down tbg @ 250°. Soft seat rod pump. Fill tbg w/ 10 BW & pressure test tbg to 3000 psi. LD rods as follows: 1 1/2" X 26' polish rod., 1- 4'X3/4" pony rod, 98- 3/4" 4per guided rods, 59- 3/4" plain rods, 48- 3/4" 4per guided rods, 6- 1 1/2" weight rods w/ stabilizers & rod pump. Flushed rods w/ additional 20 BW @ 250° during TOOH. ND wellhead. Release TA. NU BOPs. RU rig floor & tbg equipment. TOOH w/ 128- jts 2 7/8" J-55 6.5# 8rd EUE tbg (talleying, breaking every collar & applying Liquid O-ring to threads). LD 43- jts 2 7/8" J-55 6.5# 8rd EUE tbg on trailer. LD BHA. Flushed tbg w/ 30 BW @ 250° during TOOH. SWIFN. - RD pumping unit. Unseat rod pump w/ 8K over string weight. Pump 45 BW down tbg @ 250°. Soft seat rod pump. Fill tbg w/ 10 BW

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equipment. TOOH w/ 128- jts 2 7/8" J-55 6.5# 8rd EUE tbg (talleying, breaking every collar & applying Liquid O-ring to threads). LD 43- jts 2 7/8" J-55 6.5# 8rd EUE tbg on trailer. LD BHA. Flushed tbg w/ 30 BW @ 250° during TOOH. SWIFN. - RD pumping unit. Unseat rod pump w/ 8K over string weight. Pump 45 BW down tbg @ 250°. Soft seat rod pump. Fill tbg w/ 10 BW & pressure test tbg to 3000 psi. LD rods as follows: 1 1/2" X 26' polish rod., 1- 4'X3/4" pony rod, 98- 3/4" 4per guided rods, 59- 3/4" plain rods, 48- 3/4" 4per guided rods, 6- 1 1/2" weight rods w/ stabilizers & rod pump. Flushed rods w/ additional 20 BW @ 250° during TOOH. ND wellhead. Release TA. NU BOPs. RU rig floor & tbg equipment. TOOH w/ 128- jts 2 7/8" J-55 6.5# 8rd EUE tbg (talleying, breaking every collar & applying Liquid O-ring to threads). LD 43- jts 2 7/8" J-55 6.5# 8rd EUE tbg on trailer. LD BHA. Flushed tbg w/ 30 BW @ 250° during TOOH. SWIFN. - RD pumping unit. Unseat rod pump w/ 8K over string weight. Pump 45 BW down tbg @ 250°. Soft seat rod pump. Fill tbg w/ 10 BW & pressure test tbg to 3000 psi. LD rods as follows: 1 1/2" X 26' polish rod., 1- 4'X3/4" pony rod, 98- 3/4" 4per guided rods, 59- 3/4" plain rods, 48- 3/4" 4per guided rods, 6- 1 1/2" weight rods w/ stabilizers & rod pump. Flushed rods w/ additional 20 BW @ 250° during TOOH. ND wellhead. Release TA. NU BOPs. RU rig floor & tbg equipment. TOOH w/ 128- jts 2 7/8" J-55 6.5# 8rd EUE tbg (talleying, breaking every collar & applying Liquid O-ring to threads). LD 43- jts 2 7/8" J-55 6.5# 8rd EUE tbg on trailer. LD BHA. Flushed tbg w/ 30 BW @ 250° during TOOH. SWIFN. - MIRU WWS #3. - MIRU WWS #3. - Open well for flowback on 30/64 choke @ approx 3 BPM. Flow until dead. Recovered approx 60 bbls. Release Pkr & circulate tbg clean. Circulate down to RBP @ 4772'. Circulate well clean. Latch onto & release RBP. PUH & set RBP @ 4134'. PUH & leave EOT @ 4040'. SWIFN. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$18,963

9/13/2012 Day: 4

Conversion

WWS #5 on 9/13/2012 - Frac GB6 & GB4 sds. LD frac string. RIH w/ injection BHA & 54- jts 2 7/8" J-55 6.5# 8rd EUE tbg. - LD 71-jts 2 7/8" N-80 6.5# 8rd EUE tbg on trailer. LD 210- jts 2 7/8" N-80 6.5# 8rd EUE tbg on float. LD Weatherford Pkr & RBP. - Wait 2 hours for trailer to LD frac string. - RD Baker Hughes frac equipment. Open for immediate flowback on 30/64 choke @ approx 3 BPM. Recovered approx 50 BW. Release Pkr & circulate well clean. Circulate down to RBP @ 4041'. Circulate well clean. Latch onto & release RBP. - RU Baker Hughes pump line. Frac GB4 sds down tbg w/ 20,651#s 20/40 white sand in 182 bbls lightning 17 frac fluid. 17 psi on well. Broke @ 4215 psi @ 2.7 BPM w/ 2.8 BW. ISIP 1421 psi, FG:.81, 1 min SIP 879 psi, 4 min SIP 519 psi. Pumped 500 gal 15% HCL. Treated w/ ave pressure of 4456 psi w/ ave rate of 17.2 BPM. Max pressure of 6199 psi & max rate of 18.9 BPM. ISDP 1492 psi, FG:.72, 5 min SIP 1238 psi, 10 min SIP 1150 psi, 15 min SIP 1096 psi. - Open for immediate flowback on 30/64 choke @ approx 3 BPM. Recovered approx 90 BW. Release Pkr & circulate well clean. Circulate down to RBP @ 4134'. Circulate well clean. Latch onto & release RBP. PUH & set RBP @ 4041'. PUH & set Pkr w/ CE @ 3974' & EOT @ 3983'. - Set Pkr w/ CE @ 4040' & EOT @ 4049'. RU Baker Hughes pump line. Frac GB6 sds down tbg w/ 18,889#s 20/40 white sand in 192 bbls lightning 17 frac fluid. 0 psi on well. Broke @ 4153 psi @ 3.5 BPM w/ 3.1 BW. ISIP 1135 psi, FG:.73, 1 min SIP 952 psi, 4 min SIP 678 psi. Pumped 500 gal 15% HCL. Treated w/ ave pressure of 4484 psi w/ ave rate of 16.7 BPM. Max pressure of 6237 psi & max rate of 18.9 BPM. ISDP 1527 psi, FG:.83, 5 min SIP 1330 psi, 10 min SIP 1252 psi, 15 min SIP 1202 psi. - PU & TIH w/ BHA & injection tbg as follows: WL re-entry guide, 2 3/8" XN profile nipple, 2 3/8 X 4' J-55 4.7# 8rd EUE tbg sub, Arrowset 1-X packer, on/off tool, 2 7/8" SN & 54- jts 2 7/8" J-55 6.5# 8rd EUE tbg. SWIFN. - LD 71-jts 2 7/8" N-80 6.5# 8rd EUE tbg on trailer. LD 210- jts 2 7/8" N-80 6.5# 8rd EUE tbg on float. LD Weatherford Pkr & RBP. - Wait 2 hours for trailer to LD frac string. - RD Baker Hughes frac equipment. Open for immediate flowback on 30/64 choke @ approx 3 BPM. Recovered approx 50 BW. Release Pkr & circulate well clean. Circulate down to RBP @ 4041'. Circulate well clean. Latch onto & release RBP. - RU Baker Hughes pump line. Frac GB4 sds down tbg w/ 20,651#s 20/40 white sand in 182 bbls lightning 17 frac fluid. 17 psi on well. Broke @ 4215

psi @ 2.7 BPM w/ 2.8 BW. ISIP 1421 psi, FG:.81, 1 min SIP 879 psi, 4 min SIP 519 psi. Pumped 500 gal 15% HCL. Treated w/ ave pressure of 4456 psi w/ ave rate of 17.2 BPM. Max pressure of 6199 psi & max rate of 18.9 BPM. ISDP 1492 psi, FG:.72, 5 min SIP 1238 psi, 10 min SIP 1150 psi, 15 min SIP 1096 psi. - Open for immediate flowback on 30/64 choke @ approx 3 BPM. Recovered approx 90 BW. Release Pkr & circulate well clean. Circulate down to RBP @ 4134'. Circulate well clean. Latch onto & release RBP. PUH & set RBP @ 4041'. PUH & set Pkr w/ CE @ 3974' & EOT @ 3983'. - Set Pkr w/ CE @ 4040' & EOT @ 4049'. RU Baker Hughes pump line. Frac GB6 sds down tbg w/ 18,889#s 20/40 white sand in 192 bbls lightning 17 frac fluid. 0 psi on well. Broke @ 4153 psi @ 3.5 BPM w/ 3.1 BW. ISIP 1135 psi, FG:.73, 1 min SIP 952 psi, 4 min SIP 678 psi. Pumped 500 gal 15% HCL. Treated w/ ave pressure of 4484 psi w/ ave rate of 16.7 BPM. Max pressure of 6237 psi & max rate of 18.9 BPM. ISDP 1527 psi, FG:.83, 5 min SIP 1330 psi, 10 min SIP 1252 psi, 15 min SIP 1202 psi. - PU & TIH w/ BHA & injection tbg as follows: WL re-entry guide, 2 3/8" XN profile nipple, 2 3/8 X 4' J-55 4.7# 8rd EUE tbg sub, Arrowset 1-X packer, on/off tool, 2 7/8" SN & 54- jts 2 7/8" J-55 6.5# 8rd EUE tbg. SWIFN. - LD 71-jts 2 7/8" N-80 6.5# 8rd EUE tbg on trailer. LD 210-jts 2 7/8" N-80 6.5# 8rd EUE tbg on float. LD Weatherford Pkr & RBP. - Wait 2 hours for trailer to LD frac string. - RD Baker Hughes frac equipment. Open for immediate flowback on 30/64 choke @ approx 3 BPM. Recovered approx 50 BW. Release Pkr & circulate well clean. Circulate down to RBP @ 4041'. Circulate well clean. Latch onto & release RBP. - RU Baker Hughes pump line. Frac GB4 sds down tbg w/ 20,651#s 20/40 white sand in 182 bbls lightning 17 frac fluid. 17 psi on well. Broke @ 4215 psi @ 2.7 BPM w/ 2.8 BW. ISIP 1421 psi, FG:.81, 1 min SIP 879 psi, 4 min SIP 519 psi. Pumped 500 gal 15% HCL. Treated w/ ave pressure of 4456 psi w/ ave rate of 17.2 BPM. Max pressure of 6199 psi & max rate of 18.9 BPM. ISDP 1492 psi, FG:.72, 5 min SIP 1238 psi, 10 min SIP 1150 psi, 15 min SIP 1096 psi. - Open for immediate flowback on 30/64 choke @ approx 3 BPM. Recovered approx 90 BW. Release Pkr & circulate well clean. Circulate down to RBP @ 4134'. Circulate well clean. Latch onto & release RBP. PUH & set RBP @ 4041'. PUH & set Pkr w/ CE @ 3974' & EOT @ 3983'. - Set Pkr w/ CE @ 4040' & EOT @ 4049'. RU Baker Hughes pump line. Frac GB6 sds down tbg w/ 18,889#s 20/40 white sand in 192 bbls lightning 17 frac fluid. 0 psi on well. Broke @ 4153 psi @ 3.5 BPM w/ 3.1 BW. ISIP 1135 psi, FG:.73, 1 min SIP 952 psi, 4 min SIP 678 psi. Pumped 500 gal 15% HCL. Treated w/ ave pressure of 4484 psi w/ ave rate of 16.7 BPM. Max pressure of 6237 psi & max rate of 18.9 BPM. ISDP 1527 psi, FG:.83, 5 min SIP 1330 psi, 10 min SIP 1252 psi, 15 min SIP 1202 psi. - PU & TIH w/ BHA & injection tbg as follows: WL re-entry guide, 2 3/8" XN profile nipple, 2 3/8 X 4' J-55 4.7# 8rd EUE tbg sub, Arrowset 1-X packer, on/off tool, 2 7/8" SN & 54- jts 2 7/8" J-55 6.5# 8rd EUE tbg. SWIFN. **Finalized**
Daily Cost: \$0
Cumulative Cost: \$97,451

9/14/2012 Day: 5

Conversion

WWS #5 on 9/14/2012 - Continue TIH w/ injection tbg. Pressure test tbg to 3000 psi for 30 min. Pump 65 bbls packer fluid & set packer. Pressure test annulus to 1500 psi for 30 min. RDMOSU - TIH w/ 72- jts 2 7/8" J-55 6.5# 8rd EUE tbg. Flush tbg w/ 20 BW. Drop standing valve down tbg. Pressure test tbg to 3000 psi for 30 min w/ 0 psi loss. RIH w/ fishing tool on sandline & retrieve SV. ND BOPs. Land tbg w/ injection tree. Pump 65 bbls packer fluid down tbg-csg annulus. Injection tree was gulled on tbg. Set Arrowset 1-X packer w/ CE @ 3977' & EOT @ 3986'. Wait for new injection tree. Land tbg w/ B-1 adapter & injection tree. Pressure annulus to 1500 psi. Held pressure test for 30 min w/ 0psi loss. RDMOSU. Ready for MIT - TIH w/ 72- jts 2 7/8" J-55 6.5# 8rd EUE tbg. Flush tbg w/ 20 BW. Drop standing valve down tbg. Pressure test tbg to 3000 psi for 30 min w/ 0 psi loss. RIH w/ fishing tool on sandline & retrieve SV. ND BOPs. Land tbg w/ injection tree. Pump 65 bbls packer fluid down tbg-csg annulus. Injection tree was gulled on tbg. Set Arrowset 1-X packer w/ CE @ 3977' & EOT @ 3986'. Wait for new injection tree. Land tbg w/ B-1 adapter & injection tree. Pressure annulus to 1500 psi. Held pressure test for 30 min w/ 0psi loss. RDMOSU. Ready for MIT - TIH w/ 72- jts 2 7/8" J-55 6.5# 8rd EUE tbg. Flush tbg w/ 20 BW. Drop standing valve down tbg.

Pressure test tbg to 3000 psi for 30 min w/ 0 psi loss. RIH w/ fishing tool on sandline & retrieve SV. ND BOPs. Land tbg w/ injection tree. Pump 65 bbls packer fluid down tbg-csg annulus. Injection tree was gulled on tbg. Set Arrowset 1-X packer w/ CE @ 3977' & EOT @ 3986'. Wait for new injection tree. Land tbg w/ B-1 adapter & injection tree. Pressure annulus to 1500 psi. Held pressure test for 30 min w/ 0psi loss. RDMOSU. Ready for MIT **Finalized**

Daily Cost: \$0

Cumulative Cost: \$105,541

9/20/2012 Day: 6

Conversion

Rigless on 9/20/2012 - Conduct initial MIT - On 09/17/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/18/2012 the casing was pressured up to 1550 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 140 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 09/17/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/18/2012 the casing was pressured up to 1550 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 140 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 09/17/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/18/2012 the casing was pressured up to 1550 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 140 psig during the test. There was a State representative available to witness the test - Chris Jensen. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$193,811

Pertinent Files: Go to File List

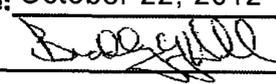
STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter 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 5-22-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013330250000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1989 FNL 0613 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 22 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: 10/5/2012	<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 10:00 AM on 10/05/2012.

Accepted by the Utah Division of Oil, Gas and Mining
 Date: October 22, 2012
 By: 

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

Spud Date: 3-18-08
 Put on Production: 5-9-08
 GL: 5918' KB: 5930'

Federal 5-22-9-16

Injection Wellbore Diagram

SURFACE CASING

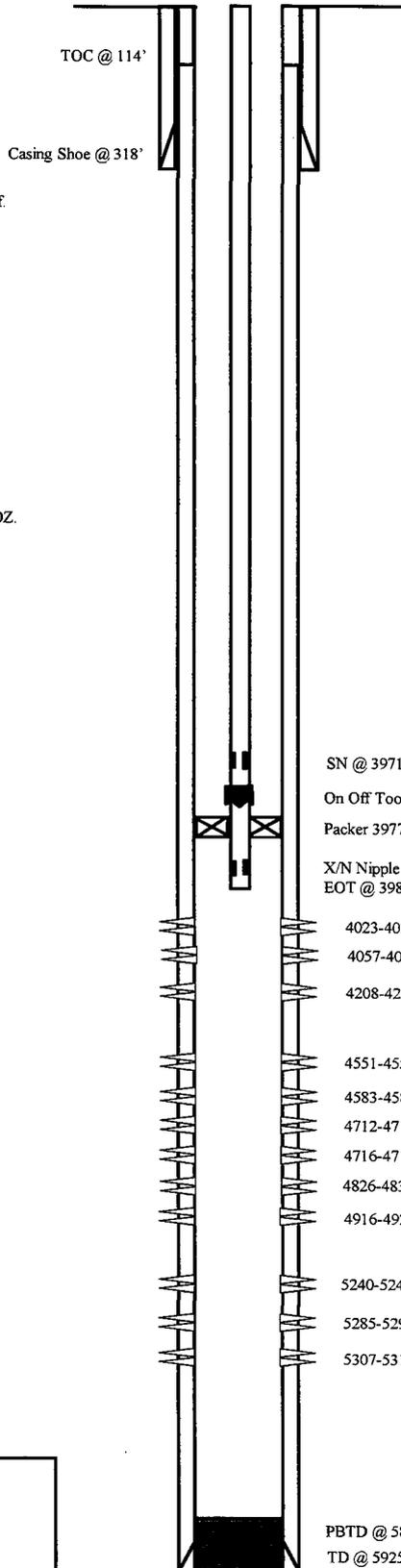
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (307.89')
 DEPTH LANDED: 317.89'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, circ. 8 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 141 jts (5922.15')
 DEPTH LANDED: 5920.15'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 114' per CBL 4/29/08

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 126 jts (3959.1')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 3971.1' KB
 ON/OFF TOOL AT: 3972.2'
 PACKER CE AT: 3977.15'
 TBG PUP 2-3/8" AT: 3980.9'
 X/N NIPPLE AT: 3985.1'
 TOTAL STRING LENGTH: EOT @ 3987'



FRAC JOB

05-06-08 5307-5313' **RU BJ & frac LODC sds as follows:**
 99,254# 20/40 sand in 750 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2444 w/ ave rate of 28.6 bpm w/ 8 ppg of sand. ISIP was 2669. Actual Flush: 4746 gal.

05-06-08 4916-4923' **RU BJ & frac stage #2 as follows:**
 19,006# 20/40 sand in 304 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2172 w/ ave rate of 23.4 bpm w/ 6.5 ppg of sand. ISIP was 2395. Actual Flush: 4452 gal.

05-06-08 4826-4835' **RU BJ & frac stage #3 as follows:**
 29,485# 20/40 sand in 377 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1724 w/ ave rate of 23.4 bpm w/ 6.5 ppg of sand. ISIP was 1676. Actual Flush: 4326 gal.

05-06-08 4551-4556' **RU BJ & frac stage #4 as follows:**
 19,618# 20/40 sand in 297 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1788 w/ ave rate of 23.2 bpm w/ 6.5 ppg of sand. ISIP was 1868. Actual Flush: 4074 gal.

05-06-08 4208-4216' **RU BJ & frac stage #5 as follows:**
 24,768# 20/40 sand in 330 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2518 w/ ave rate of 23.2 bpm w/ 6.5 ppg of sand. ISIP was 2984. Actual Flush: 4116 gal.

10/7/09 Tubing Leak. Updated rod & tubing details.

09/12/12 4712-4718' **Frac C sands as follows:** 10839# 20/40 sand in 126 bbls of Lightning 17 frac fluid.

09/13/12 4057-4060' **Frac GB6 sands as follows:** 18889 # 20/40 sand in 192 bbls of Lightning 17 frac fluid.

09/13/12 4023-4026' **Frac GB4 sands as follows:** 20651# 20/40 sand in 182 bbls of Lightning 17 frac fluid.

09/14/12 **Convert to Injection Well**

09/18/12 **Conversion MIT Finalized** - update tbg detail

PERFORATION RECORD

Date	Depth Range	Tool	Holes
04-24-08	5307-5313'	4 JSPF	24 holes
04-30-08	5285-5293'	4 JSPF	32 holes
04-30-08	5240-5248'	4 JSPF	32 holes
04-30-08	4916-4923'	4 JSPF	28 holes
04-30-08	4826-4835'	4 JSPF	36 holes
04-30-08	4583-4588'	4 JSPF	20 holes
04-30-08	4551-4556'	4 JSPF	20 holes
04-30-08	4208-4216'	4 JSPF	32 holes
09-12-12	4716-4718'	3 JSPF	6 holes
09-12-12	4712-4713'	3 JSPF	3 holes
09-12-12	4057-4060'	3 JSPF	9 holes
09-12-12	4023-4026'	3 JSPF	9 holes

NEWFIELD

Federal 5-22-9-16
 1989' FNL & 613' FWL
 SW/NW Section 22-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33025; 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

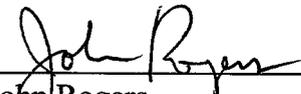
Cause No. UIC-395

Operator: Newfield Production Company
Well: Federal 5-22-9-16
Location: Section 22, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-33025
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on August 15, 2012.
2. Maximum Allowable Injection Pressure: 1,645 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,874' – 5,898')
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



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
VERNAL
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 33025
 Federal 5-22-9-16
 9S 16E 22

