

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.
UTU-74392

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

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

8. Lease Name and Well No.
Federal 14-22-9-16

9. API Well No.
43013-33147

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
SE/SW 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 SE/SW 477' FSL 1988' FWL 576210 X 40.010333
At proposed prod. zone 4424083Y 110.107022

14. Distance in miles and direction from nearest town or post office*
Approximatley 24.8 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. 2163' f/lse, NA f/unit

16. No. of Acres in lease
2080.00

17. Spacing Unit dedicated to this well
40 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1715'

19. Proposed Depth
5905'

20. BLM/BIA Bond No. on file
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5894' GL

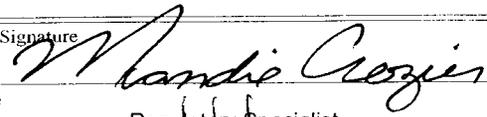
22. Approximate date work will start*
3rd Quarter 2006

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

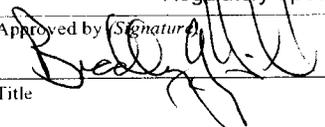
24. Attachments

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

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

25. Signature  Name (Printed/Typed) Mandie Crozier Date 4/18/06

Title Regulatory Specialist

Approved by  Name (Printed/Typed) BRADLEY G. HILL Date 04-25-06

Title ENVIRONMENTAL MANAGER

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

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

*(Instructions on reverse)

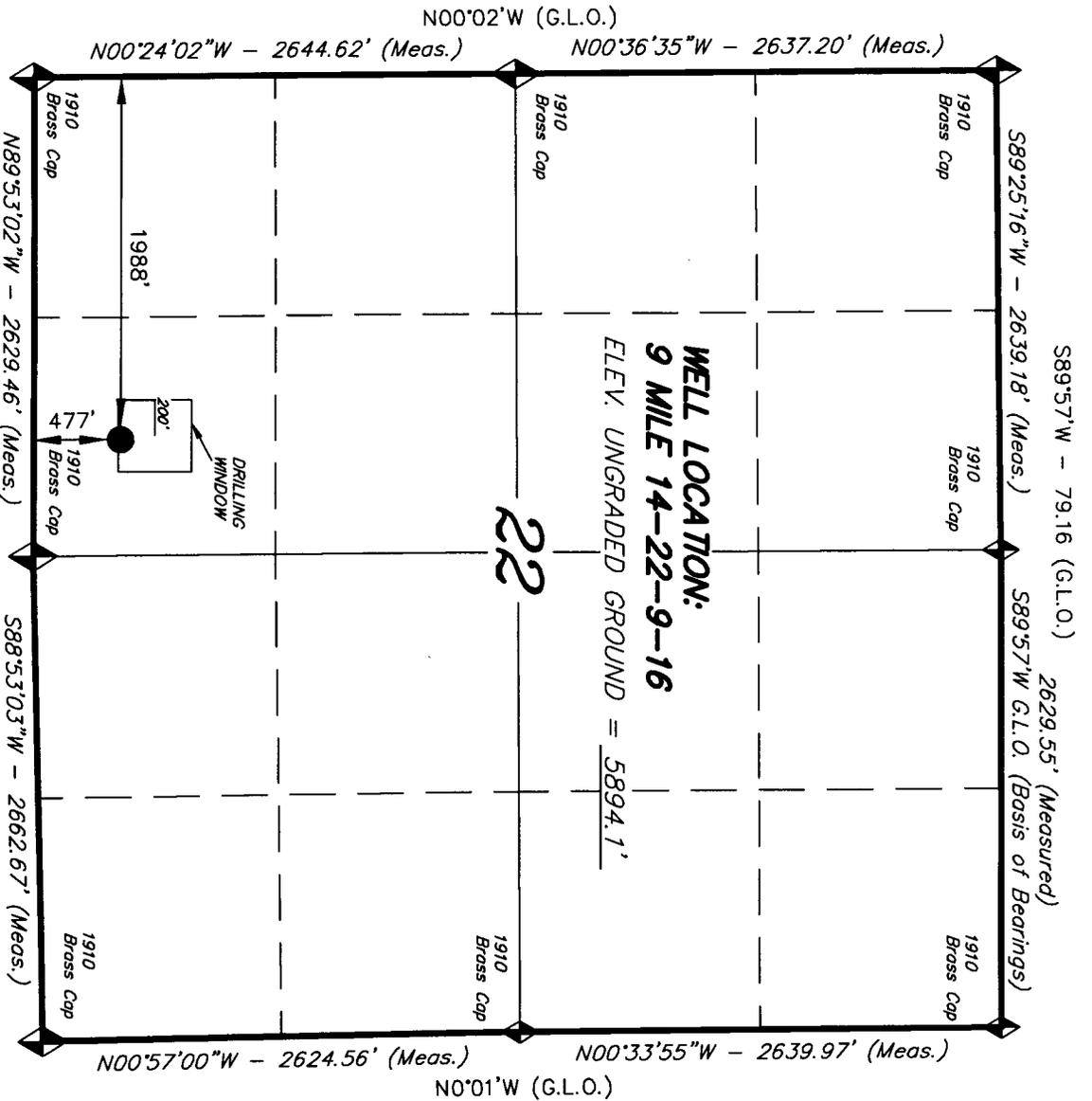
Federal Approval of this
Action is Necessary

APR 19 2006

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

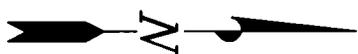
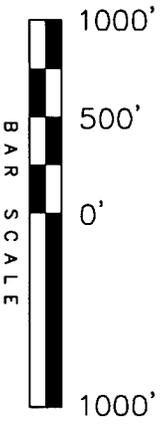
NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 14-22-9-16,
 LOCATED AS SHOWN IN THE SE 1/4 SW
 1/4 OF SECTION 22, T9S, R16E,
 S.L.B.&M. DUCHESSNE COUNTY, UTAH.



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

9 MILE 14-22-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 00' 37.31"
 LONGITUDE = 110° 06' 27.81"



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

STACY W. STEWART
 REGISTERED LAND SURVEYOR
 STATE OF UTAH
 REGISTRATION NO. 22323

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

DATE SURVEYED: 03-31-06	SURVEYED BY: C.M.
DATE DRAWN: 4-3-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'



April 18, 2006

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

RE: Applications for Permit to Drill: Federal 11A-22-9-16, 13-22-9-16 and
14-22-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 13-22-9-16 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,

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

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
APR 19 2006

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
FEDERAL #14-22-9-16
SE/SW 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' – 2220'
Green River	2220'
Wasatch	5905'

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

Green River Formation 2220' – 5905' - 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 #14-22-9-16
SE/SW 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 #14-22-9-16 located in the SE 1/4 SW 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 southeast; proceed southeasterly and then northeasterly - 0.9 miles \pm to it's junction with the beginning of the proposed access road to the southeast; proceed southeasterly and then northeasterly - 3750' \pm to it's junction with a proposed road to the northeast; proceed northeasterly and then southeasterly along the proposed access road - 3010' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

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

12. OTHER ADDITIONAL INFORMATION

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

For the Federal #14-22-9-16 Newfield Production Company requests 6760' of disturbed area be granted in Lease UTU-74392 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 6760' of disturbed area be granted in Lease UTU-74392 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 6" gas gathering line, and a buried 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

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

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

Threatened, Endangered, And Other Sensitive Species

None.

Reserve Pit Liner

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

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

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

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

Details of the On-Site Inspection

The proposed Federal #14-22-9-16 was on-sited on 3/17/06. The following were present; Shon Mckinnon (Newfeild Production), Chris Carusona (Bureau of Land Management), and Brandon McDonald (Bureau of Landmanagement). Weather conditions were clear and ground cover was 30% 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 #14-22-9-16 SE/SW Section 22, Township 9S, Range 16E: Lease UTU-74392 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

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

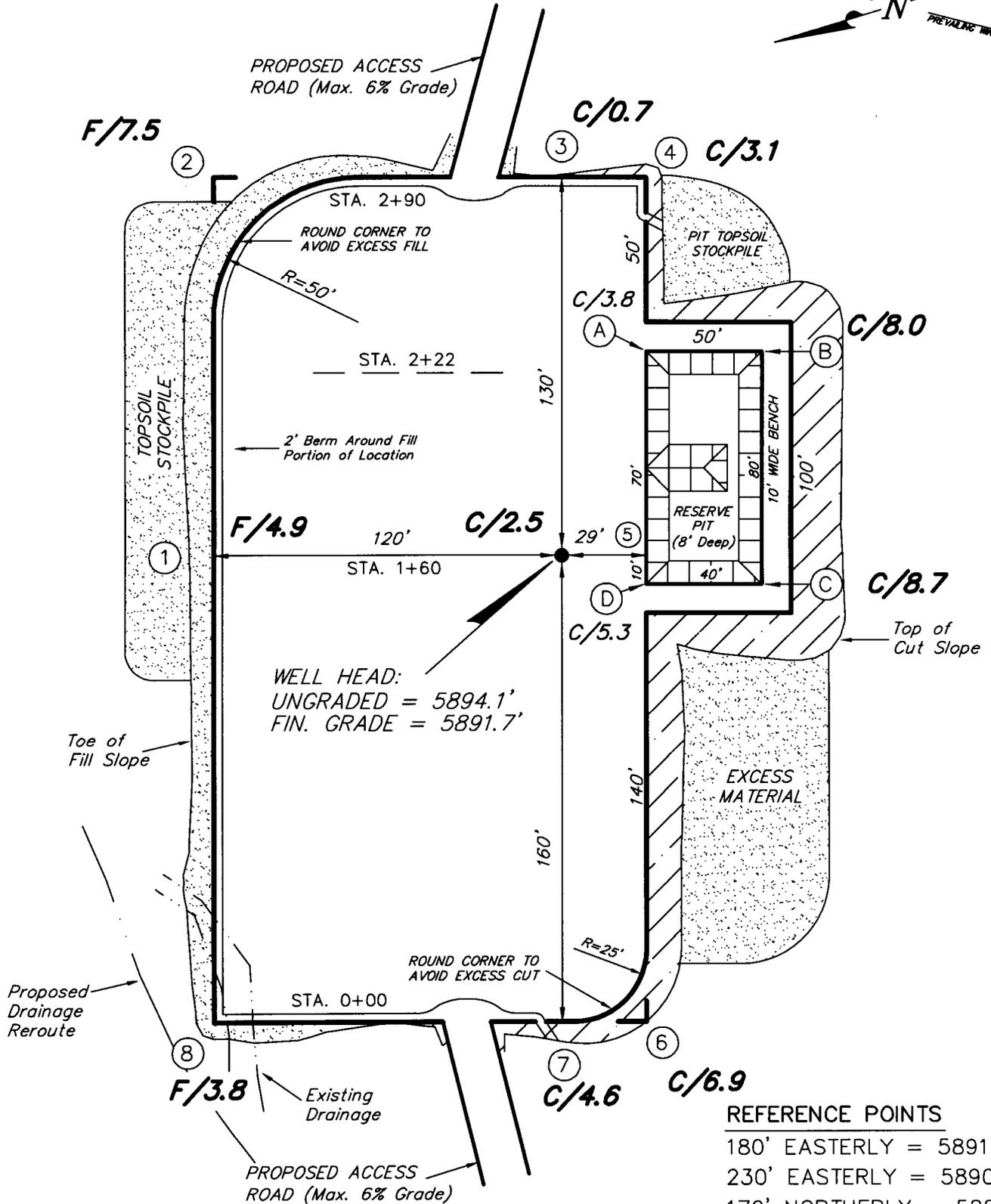
_____ 4/18/06
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 14-22-9-16

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



REFERENCE POINTS
 180' EASTERLY = 5891.7'
 230' EASTERLY = 5890.7'
 170' NORTHERLY = 5882.6'
 220' NORTHERLY = 5881.3'

SURVEYED BY: C.M.	SCALE: 1" = 50'
DRAWN BY: M.W.	DATE: 4-3-06

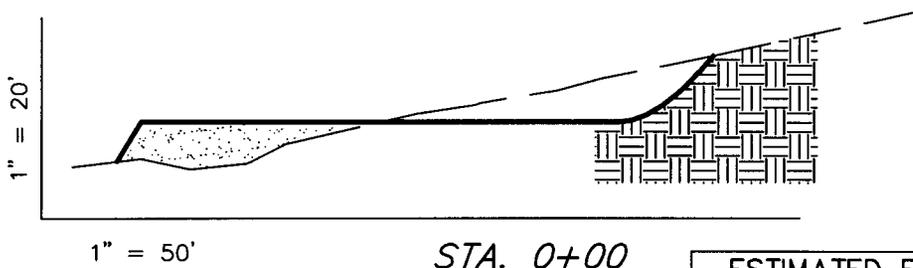
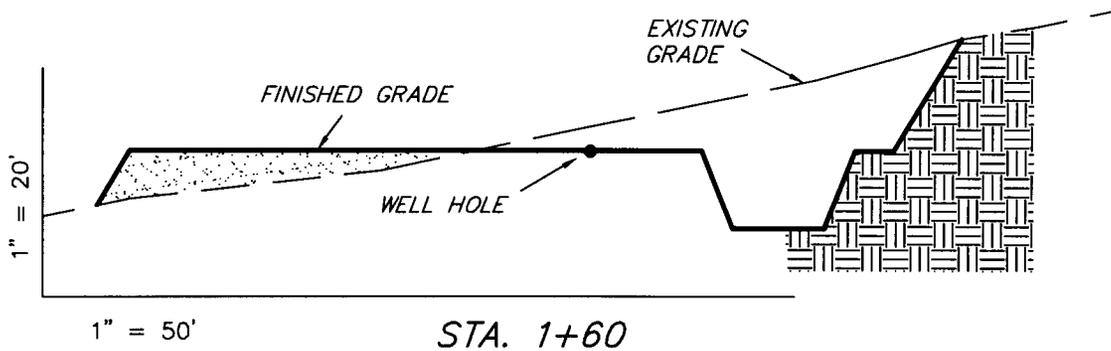
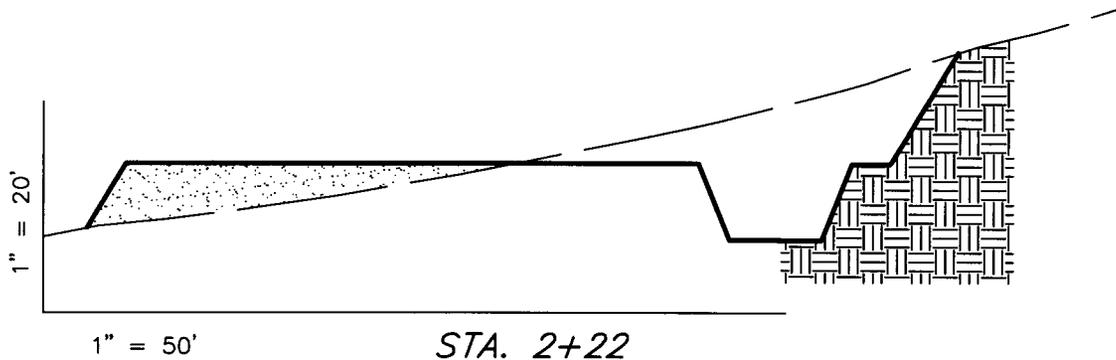
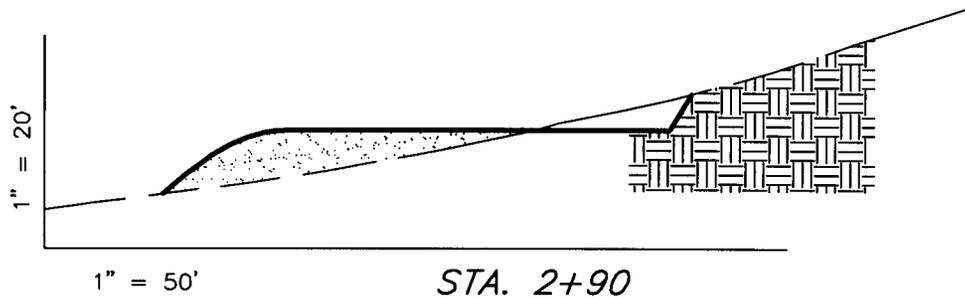
(435) 781-2501

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

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 14-22-9-16



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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	3,420	3,420	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	4,060	3,420	1,050	640

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

SURVEYED BY: C.M.

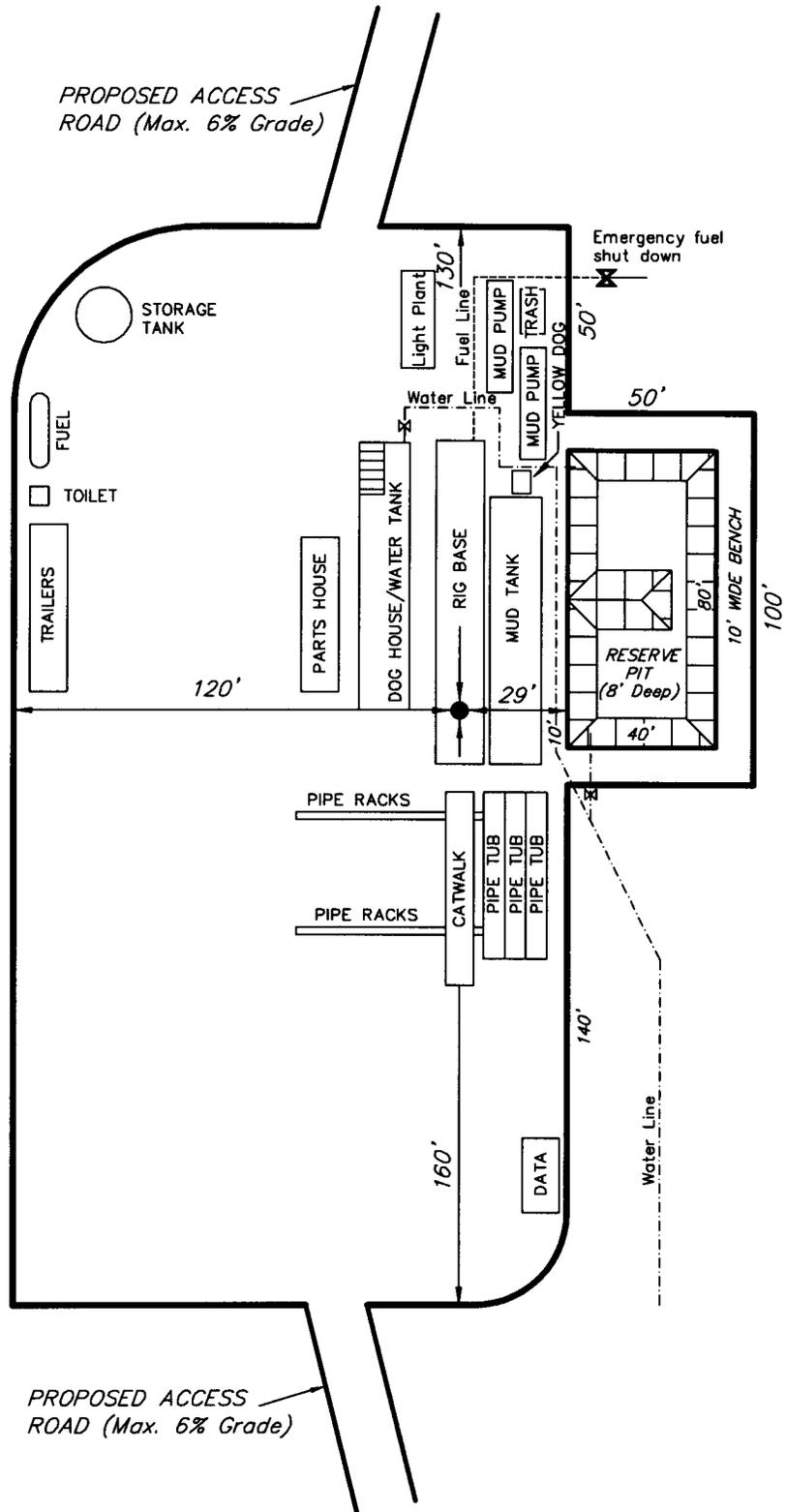
SCALE: 1" = 50'

DRAWN BY: M.W.

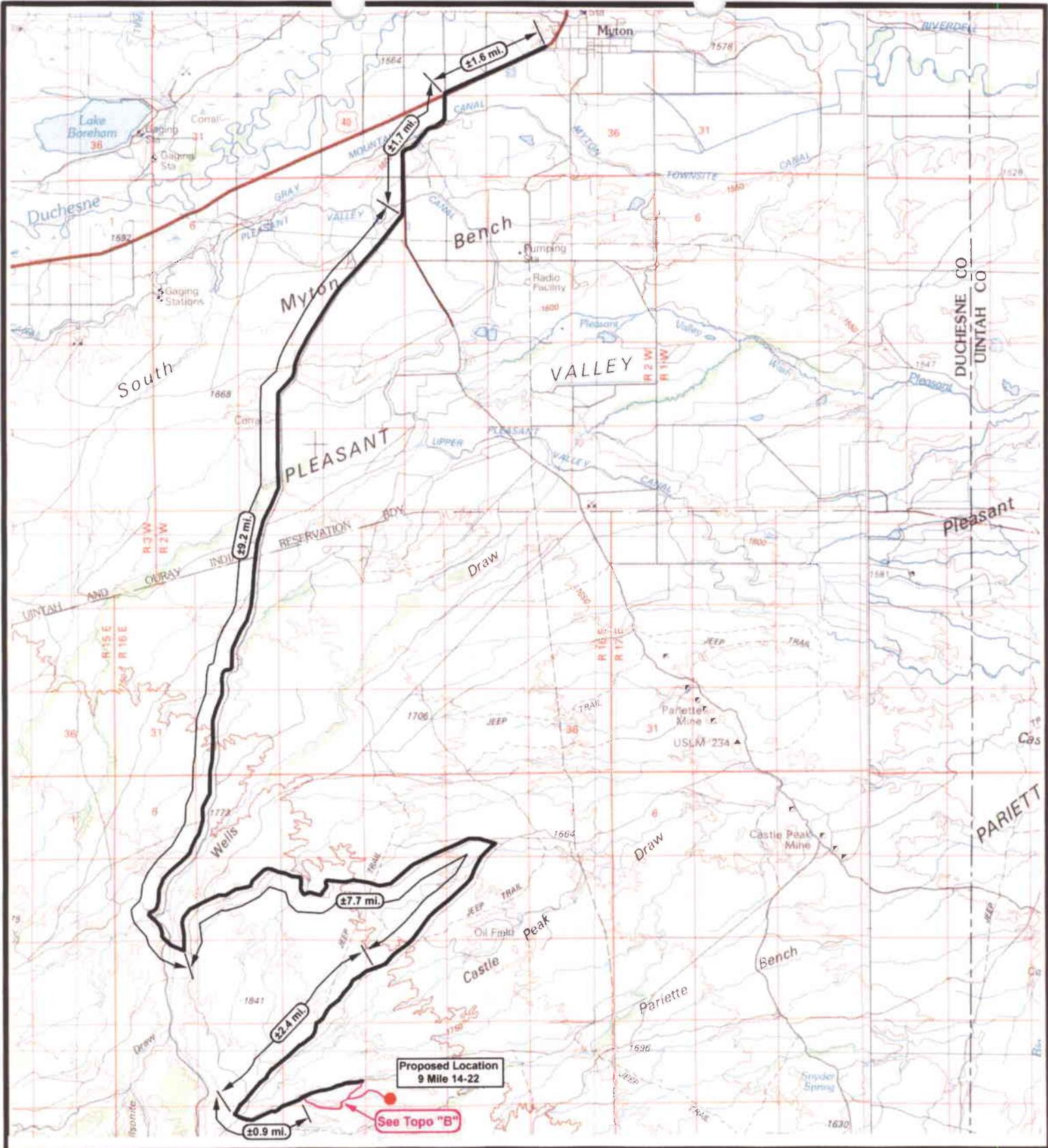
DATE: 4-3-06

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

NEWFIELD PRODUCTION COMPANY
TYPICAL RIG LAYOUT
9 MILE 14-22-9-16



SURVEYED BY: C.M.	SCALE: 1" = 50'	 (435) 781-2501 180 NORTH VERNAL AVE. VERNAL, UTAH 84078
DRAWN BY: M.W.	DATE: 4-3-06	



NEWFIELD
Exploration Company

9 Mile 14-22-9-16
SEC. 22, T9S, R16E, S.L.B.&M.



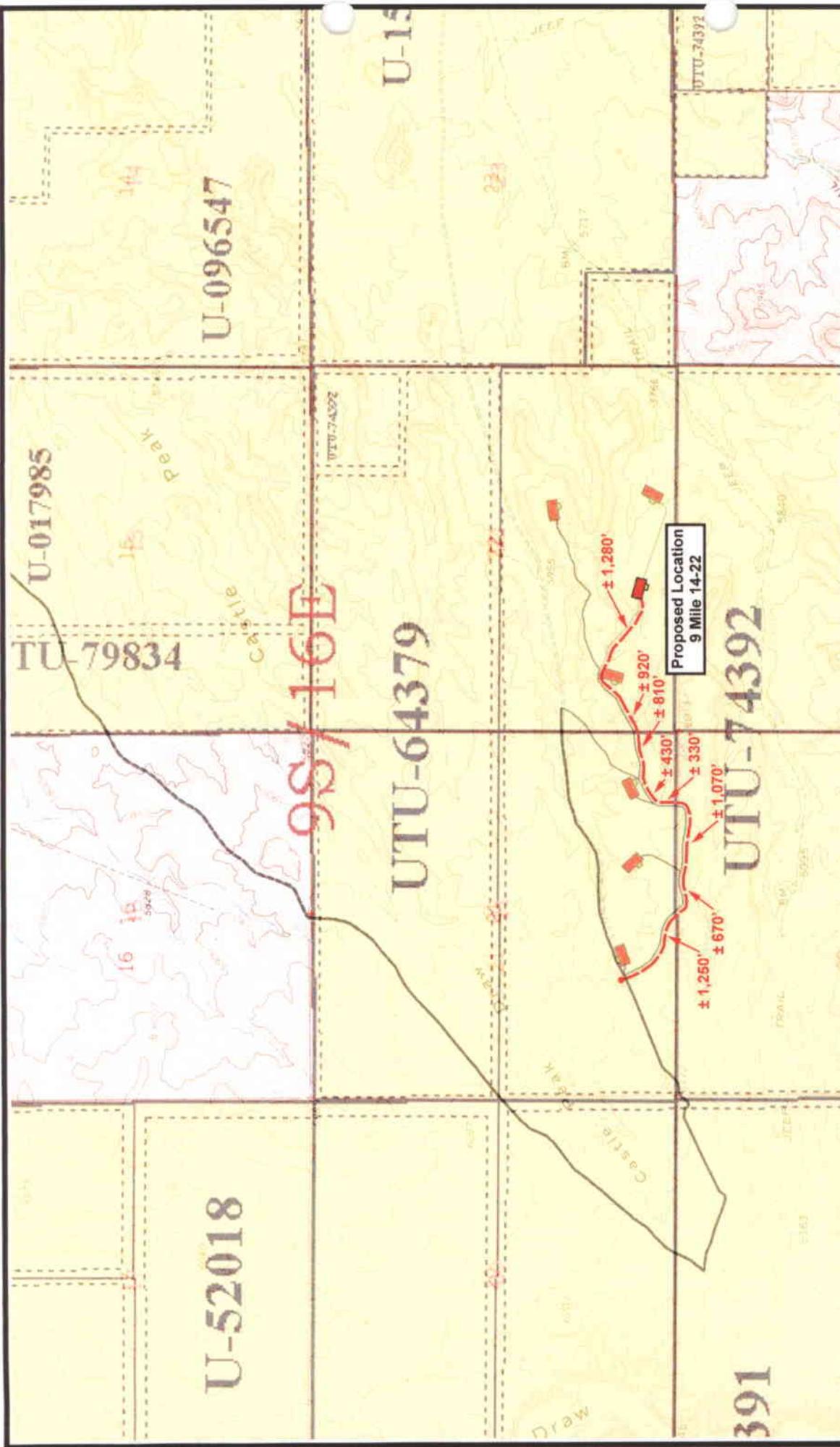
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 04-04-2006

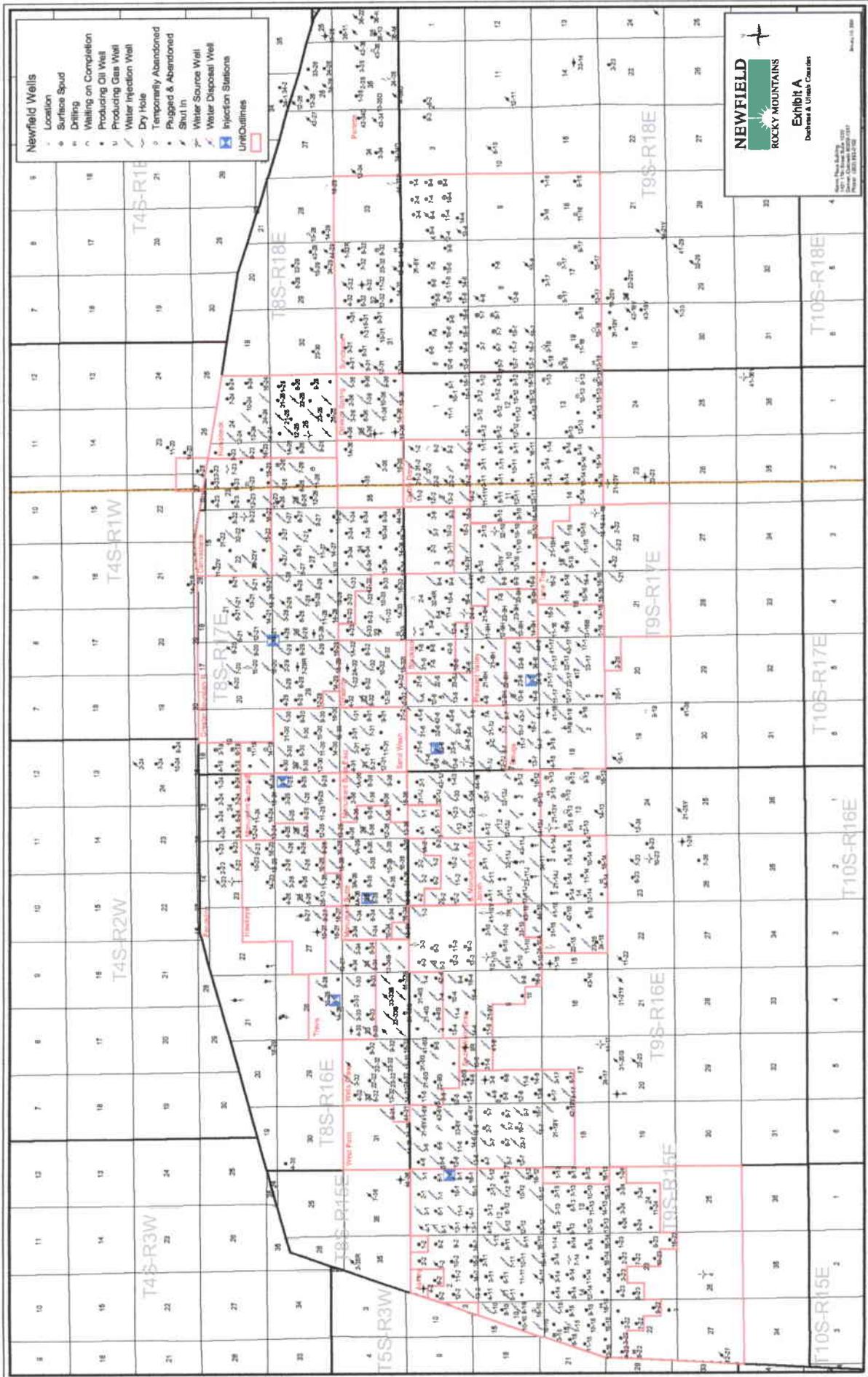
Legend

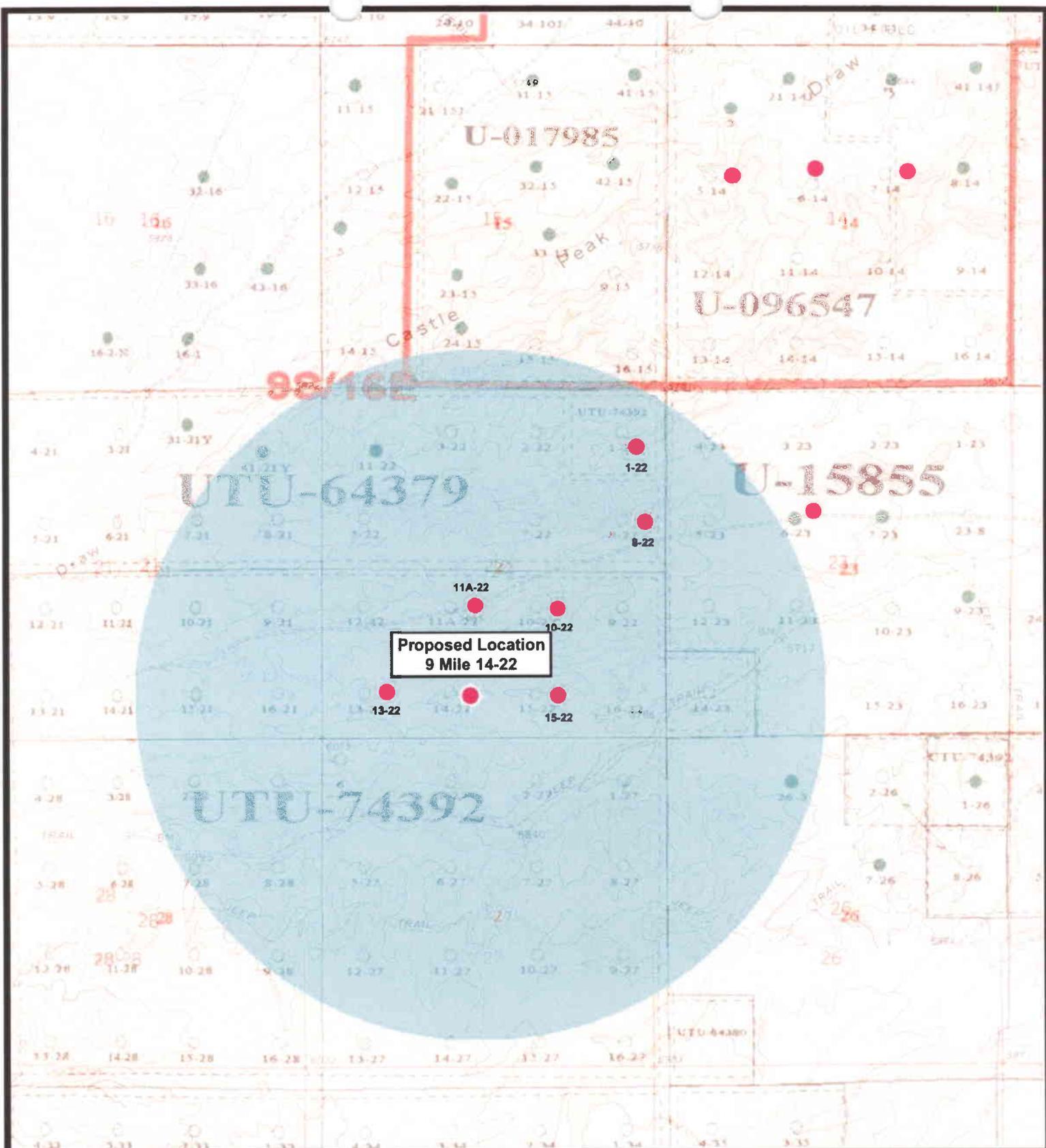
- Existing Road
- Proposed Access

TOPOGRAPHIC MAP
"A"



<p>NEWFIELD Exploration Company</p>	<p>9 Mile 14-22-9-16 SEC. 22, T9S, R16E, S.L.B.&M.</p>	<p>Legend</p> <ul style="list-style-type: none"> Roads Proposed Gas Line 	<p>TOPOGRAPHIC MAP</p> <p>"C"</p>





**Proposed Location
9 Mile 14-22**

NEWFIELD
Exploration Company

**9 Mile 14-22-9-16
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: 04-04-2006

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

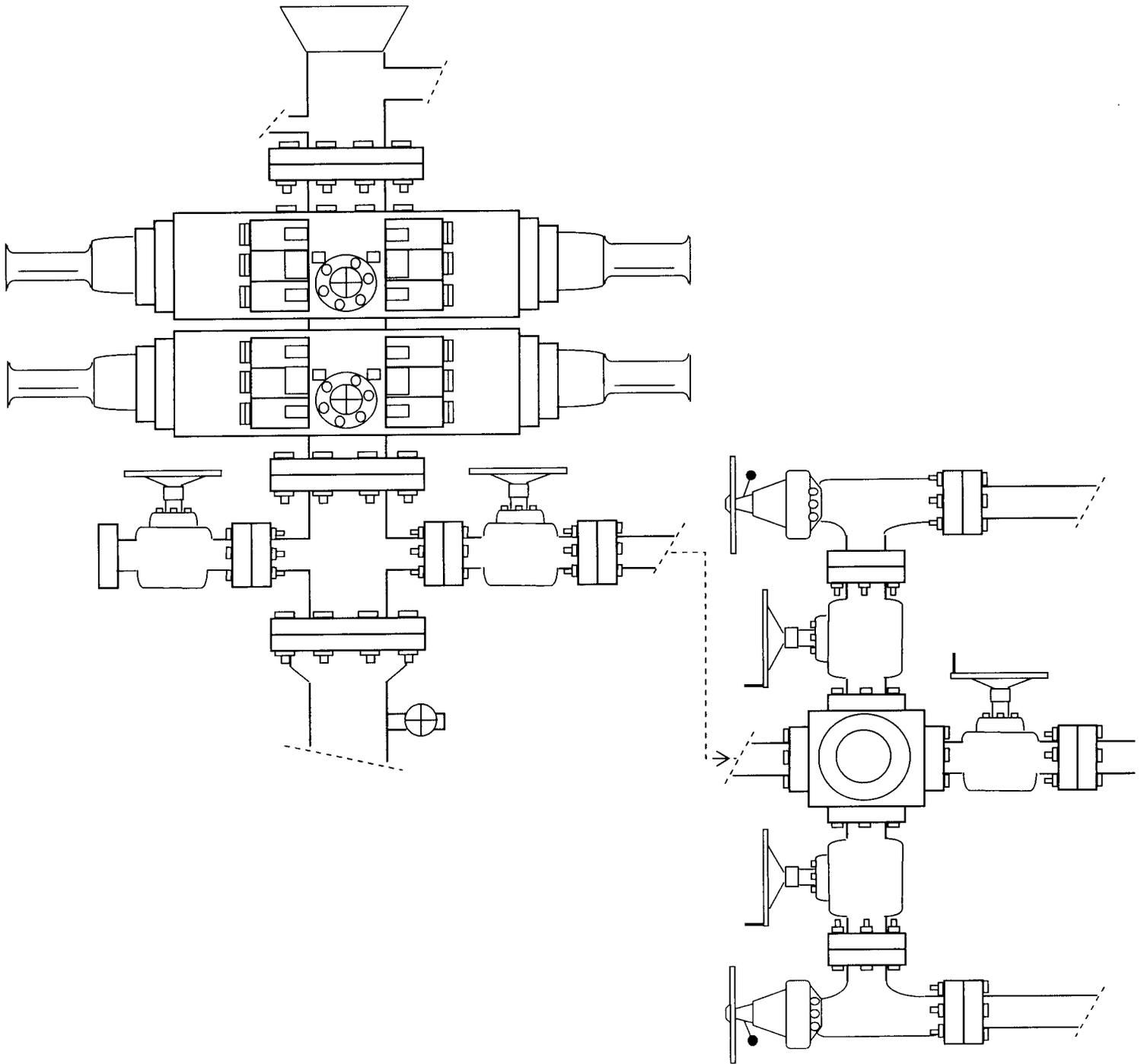


EXHIBIT C

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

By:

Katie Simon

Prepared For:

Bureau fo Land Management
Vernal Field Office

Prepared Under Contract With:

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

Prepared By:

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

MOAC Report No. 05-240

July 25, 2005

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

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

NEWFIELD PRODUCTION COMPANY

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

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: 04/19/2006

API NO. ASSIGNED: 43-013-33147

WELL NAME: FEDERAL 14-22-9-16
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SESW 22 090S 160E
 SURFACE: 0477 FSL 1988 FWL
 BOTTOM: 0477 FSL 1988 FWL
 COUNTY: DUCHESNE
 LATITUDE: 40.01039 LONGITUDE: -110.1071
 UTM SURF EASTINGS: 576210 NORTHINGS: 4429083
 FIELD NAME: MONUMENT BUTTE (105)

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

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

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

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

LOCATION AND SITING:

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

COMMENTS: Sop, Separate Files

STIPULATIONS: 1- Federal Approval
2- Spacing Sop

JONAH UNIT

MONUMENT FED 14-15
 FEDERAL 13-15-9-16

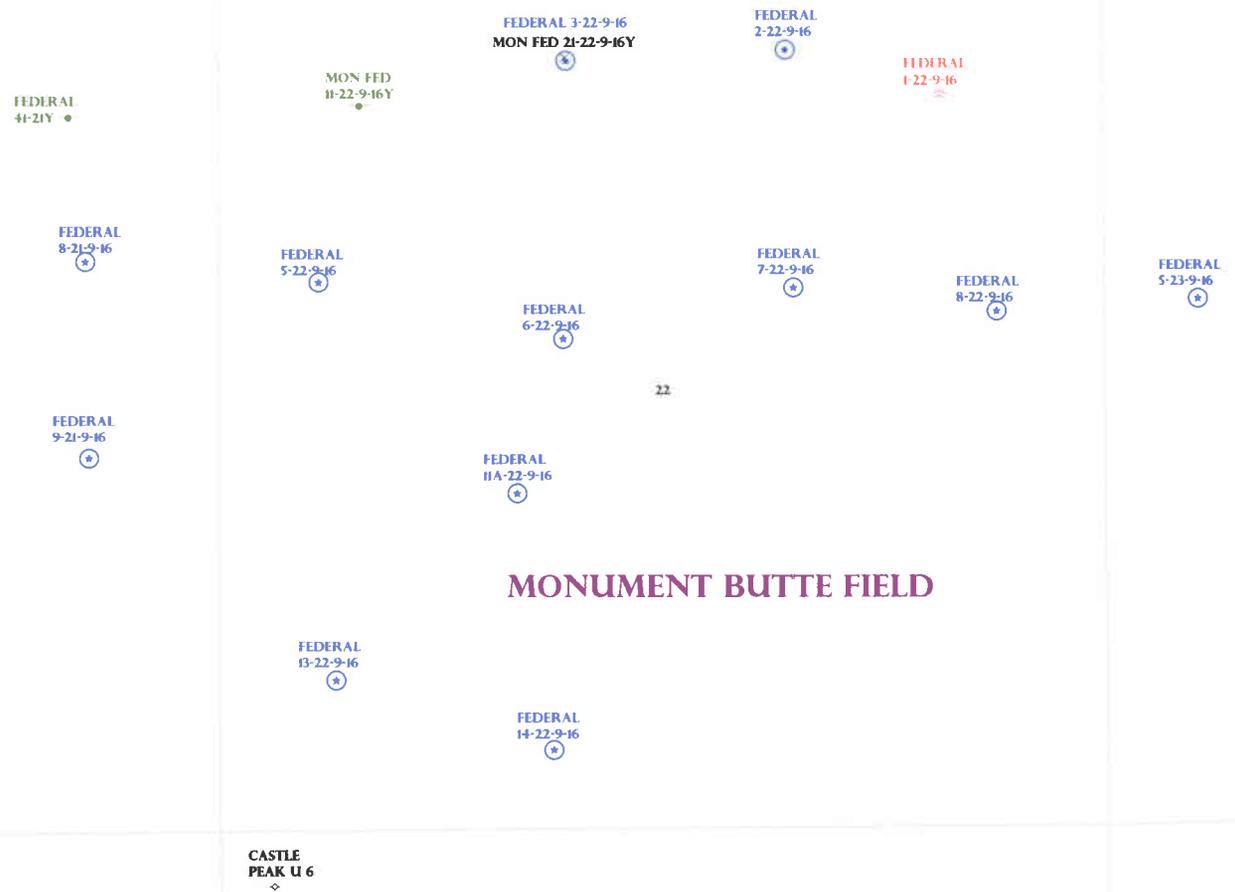
CASTLE PK
 FED 24-15

JONAH FED
 15-15-9-16

CASTLE PEAK
 FED 44-15
 JONAH FED
 16-15-9-16

JONAH FED
 13-14-9-16

T9S R16E



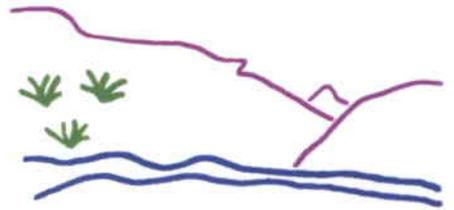
OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 22 T. 9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING



Utah Oil Gas and Mining

- 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



PREPARED BY: DIANA WHITNEY
 DATE: 24-APRIL-2006



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

April 25, 2006

Newfield Production Company
Route 3 Box 3630
Myton, UT 84052

Re: Federal 14-22-9-16 Well, 477' FSL, 1988' FWL, SE SW, 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 43-013-33147.

Sincerely,

Gil Hunt
Associate Director

mf
Enclosures

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

Operator: Newfield Production Company
Well Name & Number Federal 14-22-9-16
API Number: 43-013-33147
Lease: UTU-74392

Location: SE SW **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.

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APR 19 2006

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

BLM VERNAL, UTAH

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

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-74392
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 14-22-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SE/SW 477' FSL 1988' FWL At proposed prod. zone		9. API Well No. 43-013-33147
14. Distance in miles and direction from nearest town or post office* Approximatley 24.8 miles southwest of Myton, Utah		10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 2163' #/lse, NA #/unit	16. No. of Acres in lease 2080.00	11. Sec., T., R., M., or Bk. and Survey or Area SE/SW Sec. 22, T9S R16E
17. Spacing Unit dedicated to this well 40 Acres	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1715'	12. County or Parish Duchesne
19. Proposed Depth 5905'	20. BLM/BLA Bond No. on file UTB000192	13. State UT
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5894' GL	22. Approximate date work will start* 3rd 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 	Name (Printed/Typed) Mandie Crozier	Date 4/18/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) Terry Kewick	Date 2-8-2007
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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

CONDITIONS OF APPROVAL 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)

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NOTICE OF APPROVAL

FEB 13 2007

DIV. OF OIL, GAS & MINING

UDOGM

No NOS

07BM4743A



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

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



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company **Location:** SESW, Sec 22, T9S, R16E
Well No: Federal 14-22-9-16 **Lease No:** UTU-74392
API No: 43-013-33147 **Agreement:** N/A

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

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

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

NOTIFICATION REQUIREMENTS

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

UDOGM

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

LEASE STIPULATIONS

- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- Lease Notices from RMP: Lessee/operator is given notice the area has been identified as containing Golden Eagle and Ferruginous Hawk habitat. Modifications may be required in the Surface Use Plan to protect the Golden Eagle and 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: None of the suspected species (or their burrows or nests) was identified on or near the location.
- Notice to Lessee- Oil and Gas Lease Qualifications:
This lease is the under the provisions of the Mineral Leasing Act (MLA) of 1920, as amended by the Federal Coal Leasing Amendments Act of 1976, affect an entity's qualifications to obtain an oil and gas lease.

CONDITIONS OF APPROVAL

- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.

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

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

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

- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.
- Operator shall notify any active gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.

DOWNHOLE CONDITIONS OF APPROVAL

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

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. Production casing cement shall be brought up and into the surface.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

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

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

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

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

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

Cement baskets shall not be run on surface casing.

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

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

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

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

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

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

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

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

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

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
12. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
13. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
14. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location ($\frac{1}{4}$ / $\frac{1}{4}$, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.

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

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
UTU-74392

6. If Indian, Allottee or Tribe Name
NA

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

8. Well Name and No.
FEDERAL 14-22-9-16

9. API Well No.
43-013-33147

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)
477 FSL 1988 FWL SE/SW Section 22, T9S R16E

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

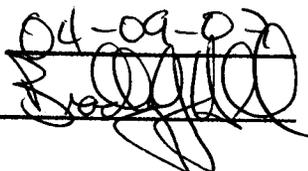
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 4/25/06 (expiration 4/25/07).

This APD was approved by the BLM on 2/8/07.

Approved by the
Utah Division of
Oil, Gas and Mining

4 10 07
RM

Date: 04-09-07
By: 

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APR 09 2007
DIV. OF OIL, GAS & MINING

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

Signed Mandie Crozier Title Regulatory Specialist Date 4/4/2007
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM

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

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

API: 43-013-33147
Well Name: Federal 14-22-9-16
Location: SE/SW Section 22,T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 4/25/2006

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

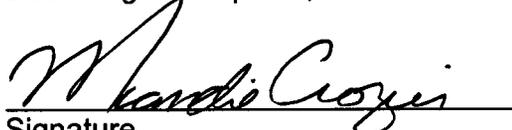
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

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

4/4/2007
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

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APR 09 2007
DIV. OF OIL, GAS & MINING

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 14-22-9-16

Api No: 43-013-33147 Lease Type: FEDERAL

Section 22 Township 09S Range 16E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 04/25/07

Time 10:00 AM

How DRY

Drilling will Commence: _____

Reported by JOHNNY DAVIS

Telephone # (435) 823-3610

Date 04/25/07 Signed CHD

RECEIVED

MAY 02 2007

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

OPERATOR ACCT. NO. N2896

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

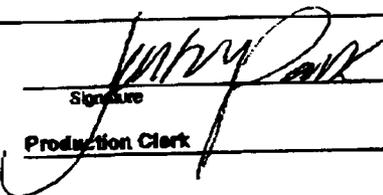
DIV. OF OIL, GAS

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 1 COMMENTS:											
A	99999	16089	43-013-33022	FEDERAL 7-21-9-16	SW/NE	21	9S	16E	DUCHESNE	4/27/2007	5/10/07
GRUV											
A	99999	16090	43-013-33142	FEDERAL 13-21-9-16	SW/SW	21	9S	16E	DUCHESNE	4/30/2007	5/10/07
GRUV											
A	99999	16091	43-047-36206	FEDERAL 1-10-9-18	NE/NE	10	9S	18E	DUCHESNE	4/30/2007	5/10/07
GRUV											
A	99999	16092	43-013-33147	FEDERAL 14-22-9-16	SE/SW	22	9S	16E	DUCHESNE	4/28/2007	5/10/07
WELL 5 COMMENTS: GRUV											
A	99999	16093	43-013-33166	FEDERAL 10-22-9-16	NW/SE	22	9S	16E	DUCHESNE	4/28/2007	5/10/07
WELL 5 COMMENTS: GRUV											

ACTION CODES (See instructions on back of form)

- A - new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

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


 Signature: Jentri Park
 Production Clerk
 Date: April 18, 2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 477 FSL1988 FWL
 SESW Section 22 T9S R16E

5. Lease Serial No.
 USA UTU-74392

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
 FEDERAL 14-22-9-16

9. API Well No.
 4301333147

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

11. County or Parish, State
 DUCHESNE, UT

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

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

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate 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 recompleation 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 4/25/07 MIRU NDSI spud rig #1. Drill 320' of 12 1/4" hole with air mist. TIH W/7 Jt's 8 5/8" J-55 24# csgn. Set @ 320.87'. On 4/27/07 Cement with 160 sks of Class "G" w/ 2% CaCL+ 1/4# Cello Flake. Mixed @ 15.8 ppg> 1.17 cf/sk yeild. Returned 6.8 bbls cement to pit.

RECEIVED
MAY 02 2007
DIV. OF OIL, GAS & MINING

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

Signature: *Johnny Davis*

Title: Drilling Foreman

Date: 04/28/2007

Approved by _____ Title _____ Date _____

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

Office _____

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

(Instructions on reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Serial No.
USA UTU-74392

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
FEDERAL 14-22-9-16

9. API Well No.
4301333147

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
477 FSL1988 FWL
SESW 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	Weekly Status Report _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

On 5/23/07 MIRU NDSI Rig # 3. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 316'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5810'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 136 jt's of 5.5 J-55, 15.5# csgn. Set @ 5793.94' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. The 425 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 36 bbbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 80,000 #'s tension. Release rig @ 10:30 PM on 5/27/07.

RECEIVED
JUN 01 2007

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed) Jim Smith	Title Drilling Foreman
Signature 	Date 05/30/2007

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

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(Instructions on reverse)

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5793.94 KB

Flt cllr @ 5751.68'

LAST CASING 8 5/8" Set @ 320.87

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Federal 14-22-9-16

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # NDSI Rig # 3

TD DRILLER 5810' TD loggers _____

HOLE SIZE 7 7/8"

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					20
		Short jt 3788' / 6.41'					
132	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5731.08
							0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	44.61
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5796.94
TOTAL LENGTH OF STRING		5796.94	133	LESS CUT OFF PIECE			15
LESS NON CSG. ITEMS		21.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		389.75	9	CASING SET DEPTH			5793.94
TOTAL		6165.44	142	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		61.65.44	142				
TIMING		1ST STAGE	2nd STAGE	GOOD CIRC THRU JOB			YES
BEGIN RUN CSG.		5/26/2007	9:00 PM	Bbls CMT CIRC to surface			45
CSG. IN HOLE		5/27/2007	12:00 AM	RECIPROCATED PIPE FOR			THRUSTROKE
BEGIN CIRC		5/27/2007	2:39AM	DID BACK PRES. VALVE HOLD ?			YES
BEGIN PUMP CMT		5/27/2007	3:12AM	BUMPED PLUG TO			1825 PSI
BEGIN DSPL. CMT		5/27/2007	4:19AM				
PLUG DOWN		5/27/2007	4:48AM				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	300	Premilite II w/ 10% gel + 3 % KCL, 5#'s /sk CSE + 2# sk/kolseal + 1/4#'s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.49 cf/sk yield					
2	400	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Jim Smith

DATE 5/27/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include area code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 477 FSL1988 FWL
 SESW Section 22 T9S R16E

5. Lease Serial No.
 USA UTU-74392

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
 FEDERAL 14-22-9-16

9. API Well No.
 4301333147

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

11. County or Parish, State
 DUCHESNE, UT

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

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

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

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

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

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

RECEIVED
JUN 26 2007

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed) Mandie Crozier	Title Regulatory Specialist
Signature <i>Mandie Crozier</i>	Date 06/21/2007

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)

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
FEDERAL 14-22-9-16

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301333147

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

PHONE NUMBER
435.646.3721

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 477 FSL1988 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESW, 22, T9S, R16E

STATE: UT

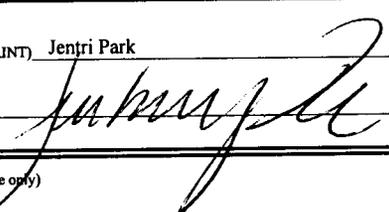
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 07/10/2007	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
The above subject well was completed on 06/20/07, attached is a daily completion status report.

NAME (PLEASE PRINT) Jenfri Park

TITLE Production Clerk

SIGNATURE 

DATE 07/10/2007

(This space for State use only)

RECEIVED

JUL 11 2007

DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 14-22-9-16

4/1/2007 To 8/30/2007

6/8/2007 Day: 1

Completion

Rigless on 6/7/2007 - 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 @ 5713' & cement top @ 104'. Perforate stage #1. CP5 sds @ 5620-5626' w/ 3 1/8" Slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 24 shots. 136 BWTR. SIFN.

6/18/2007 Day: 2

Completion

Rigless on 6/17/2007 - RU BJ Services "Ram Head" frac flange. RU BJ & frac CP5 sds, stage #1 down casing w/ 14,228#'s of 20/40 sand in 265 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 3026 psi, Treated @ ave pressure of 2740 w/ ave rate of 27 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2525. 401 bbls EWTR. Leave pressure on well. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" solid composite (6K) frac plug & 6' perf gun. Set plug @ 5515'. Perforate CP2 sds @ 5410-5416' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 spf for total of 24 shots. RU BJ & perfs won't break down. RIH & spot 10 gals of 15% HCL acid on perfs. RU BJ & frac stage #2 w/ 19,400#'s of 20/40 sand in 298 bbls of Lightning 17 frac fluid. Open well w/ 1360 psi on casing. Perfs broke down @ 3480 psi. Treated @ ave pressure of 2147 w/ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2134. 699 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ flow through frac plug & 11', 6' perf guns. Set plug @ 5160'. Perforate LODC sds @ 5045-56', 4999-5005' w/ 4 spf for total of 68 shots. RU BJ & frac stage #3 w/ 55,118#'s of 20/40 sand in 482 bbls of Lightning 17 frac fluid. Open well w/ 1775 psi on casing. Perfs broke down @ 3814 psi. Treated @ ave pressure of 2856 w/ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2986. 1181 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ solid frac plug & 10' perf gun. Set plug @ 4792'. Perforate B1 sds @ 4680-90' w/ 4 spf for total of 40 shots. RU BJ & frac stage #4 w/ 61,337#'s of 20/40 sand in 472 bbls of Lightning 17 frac fluid. Open well w/ 816 psi on casing. Perfs broke down @ 3687 psi. Treated @ ave pressure of 1703 w/ ave rate of 24.8 bpm w/ 8 ppg of sand. ISIP was 2056. 1653 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 4 hours & died w/ 300 bbls rec'd. SIFN.

6/19/2007 Day: 3

Completion

NC #1 on 6/18/2007 - 12:30PM MIRU NC#1, N/D 10,000 BOP & Frac Flng, N/U 3,000 Flng & 5,000 BOP, P/U & RIH W/-4 3/4 Bit, Bit Sub, 110 Jts Tbg, EOB @ 3435', SWI, 6:30PM C/SDFN.

6/20/2007 Day: 4

Completion

NC #1 on 6/19/2007 - 6:30AM OWU, RIH W/-41 Jts Tbg To Fill @ 4698', R/U Nabors Pwr Swvl, R/U R/pmp & C/Out To Plg @ 4792', Drill Up Plg, Swvl I/Hle To Fill @ 5129', C/Out To Plg @ 5160', Drill Up Plg, Swvl I/Hle To Fill @ 5407', C/Out To Plg @ 5515', Drill Up Plg, Swvl I/Hle To Fill @ 5664', C/Out To PBTD @ 5740.49 KB, Curc Well Clean 45 Min, R/D Swvl, POOH W/-4 Jts Tbg, EOB @ 5618', R/U Swab, RIH IFL

@ Surf, Made 12 Swab Runs, Recvred 138 Bbls Wtr, Lite Trce Sand, Lite Trce Oil, FFL @ 1800', SWI, 6;30 PM C/SDFN. Lost 23 Bbls Wtr On C/Out To PBTD, Recvred 138 Bbls Wtr Swabbing, Total Recvery For Day = 115 Bbls.

6/21/2007 Day: 5

Completion

NC #1 on 6/20/2007 - 6:30AM OWU, RIH W/-4Jts Tbg To Fill @ 5735', R/U R/pmp & C/Out To PBTD @ 5740.49', Curc Well Clean, POOH W/-184 Jts Tbg Bit Sub & Bit. P/U & RIH W/-Tbg Production Detail Shown Below. N/D BOP, Set T/A In 15,000 Tension, N/U W/-HD. R/U R/pmp & Flsh Tbg W/-60 Bbls Wtr. P/U Stroke & RIH W/- CDI-2 1/2x1 1/2x12x14 1/2' RHAC & Rod String Shown Below. R/U Unit, Hole Standing Full, Stroke Unit & Tbg To 800 Psi, Good Test, R/D Eq, R/D Rig, POP @ 6;00PM, 86" SL, 5 SPM, Lost 17 Bbls Wtr On Curc Out To PBTD, (Final Report).

Pertinent Files: Go to File List

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.

UTU-74392

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

Federal

8. FARM OR LEASE NAME, WELL NO.

Federal 14-22-9-16

9. WELL NO.

43-013-33147

10. FIELD AND POOL OR WILDCAT

Monument Butte

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

Sec. 22, T9S, R16E

1a. TYPE OF WORK

OIL WELL GAS WELL DRY Other _____

1b. TYPE OF WELL

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

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

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

At Surface **477' FSL & 1988' FWL (SE/SW) Sec. 22, T9S, R16E**

At top prod. Interval reported below

At total depth

14. API NO. **43-013-33147** DATE ISSUED **04/25/07**

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUNDED

04/25/07

16. DATE T.D. REACHED

05/26/07

17. DATE COMPL. (Ready to prod.)

06/20/07

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

5894' GL

19. ELEV. CASINGHEAD

5906' KB

20. TOTAL DEPTH, MD & TVD

5810'

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

5741'

22. IF MULTIPLE COMPL., HOW MANY*

----->

23. INTERVALS DRILLED BY

X

ROTARY TOOLS

CABLE TOOLS

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

Green River 4680'-5626'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

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

27. WAS WELL CORED

No

28. 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#	321'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5794'	7-7/8"	300 sx Premlite II and 400 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	EOT @ 5657'	TA @ 5590'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP5) 5620'-5626'	.49"	4/24	5620'-5626'	Frac w/ 14,228# 20/40 sand in 265 bbls fluid
(CP2) 5410'-5416'	.43"	4/24	5410'-5416'	Frac w/ 19,400# 20/40 sand in 298 bbls fluid
(LODC) 5045'-5056', 4999'-5005'	.43"	4/68	4999'-5056'	Frac w/ 55,118# 20/40 sand in 482 bbls fluid
(B1) 4680'-4690'	.43"	4/40	4680'-4690'	Frac w/ 61,337# 20/40 sand in 472 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION 06/20/07	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 12' x 14 1/2' RHAC SM Plunger Pump					WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
			----->	38	27	19	711
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

JUL 18 2007

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED

Jentri Park

TITLE

Production Clerk

DATE

7/12/2007

JP

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

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Federal 14-22-9-16	Garden Gulch Mkr	3456'	
				Garden Gulch 1	3650'	
				Garden Gulch 2	3756'	
				Point 3 Mkr	3998'	
				X Mkr	4271'	
				Y-Mkr	4302'	
				Douglas Creek Mkr	4416'	
				BiCarbonate Mkr	4642'	
				B Limestone Mkr	4742'	
				Castle Peak	5298'	
				Basal Carbonate	5734'	
				Total Depth (LOGGERS)	5808'	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74392
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FEDERAL 14-22-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013331470000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	4. LOCATION OF WELL FOOTAGES AT SURFACE: 0477 FSL 1988 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 22 Township: 09.0S Range: 16.0E Meridian: S
COUNTY: DUCHESNE	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/31/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="OAP to Current Formation"/>

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

Newfield proposes to perforate and fracture stimulate the following: B-6 3944-3962 with in the current production formation (Green River.

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

Date: November 05, 2013

By: *Derek Quist*

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 10/31/2013	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74392
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 14-22-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0477 FSL 1988 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 22 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013331470000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/16/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS 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 09/12/2014. On 09/15/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/16/2014 the casing was pressured up to 1233 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 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 FOR RECORD ONLY September 18, 2014		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/17/2014	

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: 9/16/2014 Time: 9:00 A.M.

Test Conducted by: Everett Unruh

Others Present: PETE MONTAGUE

Well:	Federal 14-22-9-16	Field:	Monument Butte
Well Location:	SESW Sec 22 T9S R16E Duchesne County, UT	API No:	43-013-33147

Time	Casing Pressure
0 min	<u>1233</u> psig
5	<u>1233</u> psig
10	<u>1233</u> psig
15	<u>1233</u> psig
20	<u>1233</u> psig
25	<u>1233</u> psig
30 min	<u>1233</u> psig
35	_____ psig
40	_____ psig
45	_____ psig
50	_____ psig
55	_____ psig
60 min	_____ psig

Tubing Pressure: 0 psig

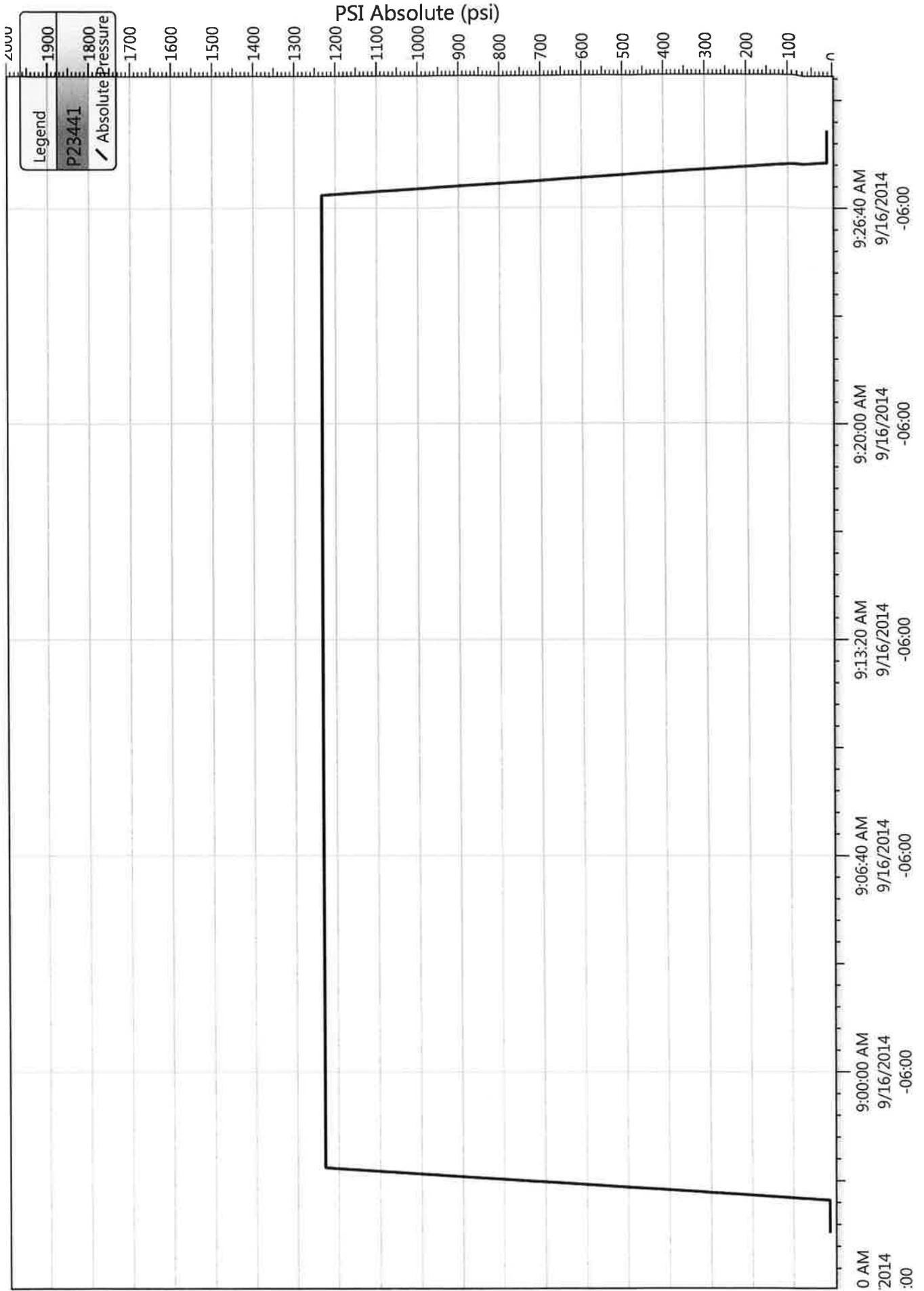
Result: Pass Fail

Signature of Witness: Chris Jensen

Signature of Person Conducting Test: Everett Unruh

Federal 14-22-9-16 (9/16/2014, conversion MIT)

9/16/2014 8:54:01 AM



NEWFIELD

Schematic

Well Name: Federal 14-22-9-16

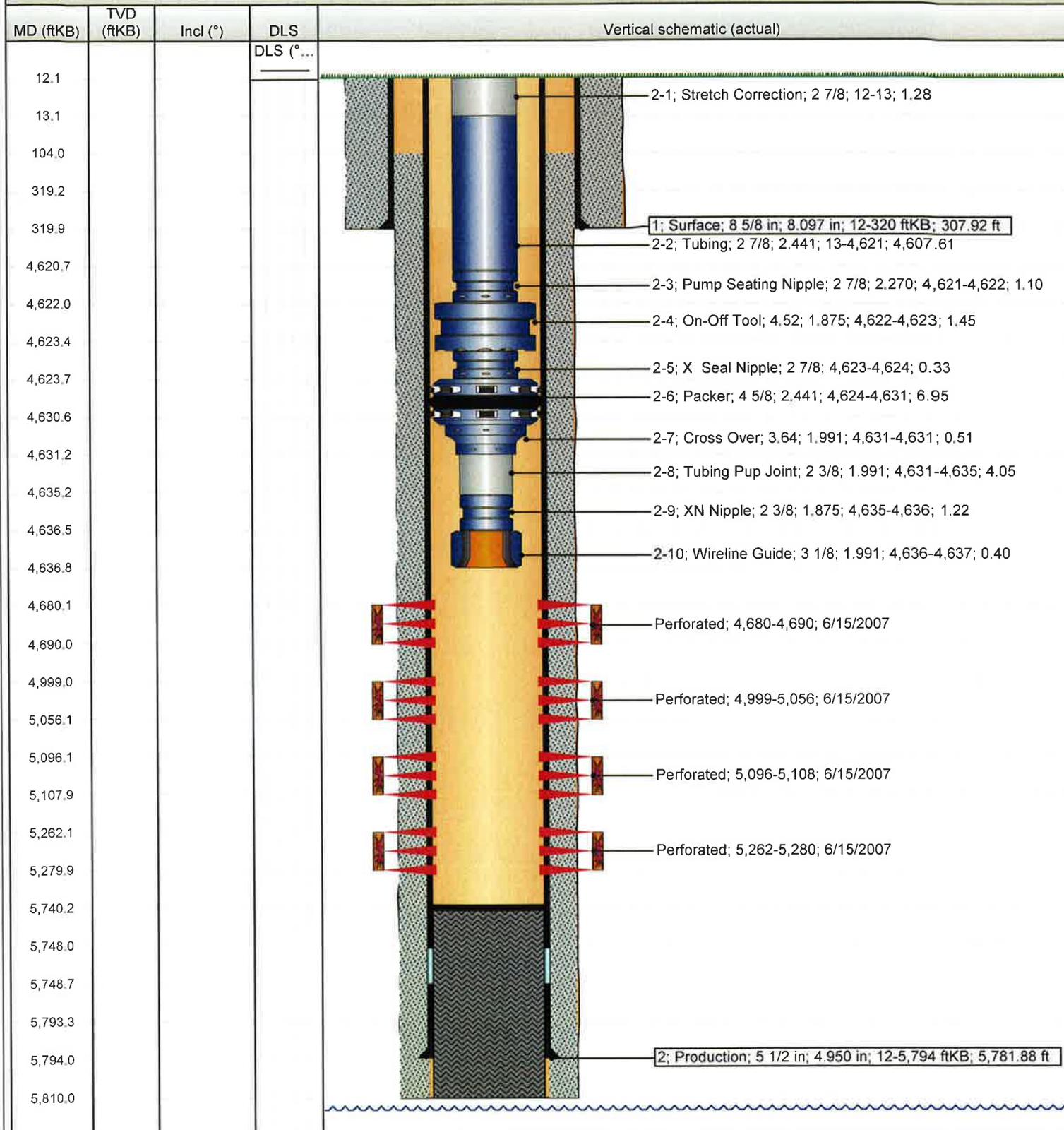
Surface Legal Location 22-9S-16E		API/UWI 43013331470000	Well RC 500158553	Lease	State/Province Utah	Field Name GMBU CTB6	County DUCHESNE
Spud Date	Rig Release Date	On Production Date 6/22/2007	Original KB Elevation (ft) 5,906	Ground Elevation (ft) 5,894	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,740.0	

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 9/10/2014	Job End Date 9/16/2014
---------------------------------------	--------------------------------	-----------------------------	-----------------------------	---------------------------

TD: 5,810.0

Vertical - Original Hole, 9/17/2014 9:52:37 AM



NEWFIELD**Newfield Wellbore Diagram Data
Federal 14-22-9-16**

Surface Legal Location 22-9S-16E		API/UWI 43013331470000		Lease	
County DUCHESNE		State/Province Utah		Basin Uintah Basin	
Well Start Date 4/25/2007		Spud Date		Final Rig Release Date 6/22/2007	
Original KB Elevation (ft) 5,906	Ground Elevation (ft) 5,894	Total Depth (ftKB) 5,810.0		Total Depth All (TVD) (ftKB) Original Hole - 5,740.0	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	4/25/2007	8 5/8	8.097	24.00	J-55	320
Production	5/27/2007	5 1/2	4.950	15.50	J-55	5,794

Cement**String: Surface, 320ftKB 4/25/2007**

Cementing Company BJ Services Company	Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 320.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 2% CaCL2 + 1/4#/sk Cello-Flake mixed	Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0

String: Production, 5,794ftKB 5/27/2007

Cementing Company BJ Services Company	Top Depth (ftKB) 104.0	Bottom Depth (ftKB) 5,810.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 10% gel + 3% KCL, 5#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake	Fluid Type Lead	Amount (sacks) 300	Class PREMLITE II	Estimated Top (ftKB) 104.0
Fluid Description 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed	Fluid Type Tail	Amount (sacks) 400	Class 50/50 POZ	Estimated Top (ftKB) 2,500.0

Tubing Strings

Tubing Description Tubing		Run Date 9/10/2014		Set Depth (ftKB) 4,636.9				
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Blm (ftKB)
Stretch Correction		2 7/8				1.28	12.0	13.3
Tubing	148	2 7/8	2.441	6.50	J-55	4,607.61	13.3	4,620.9
Pump Seating Nipple	1	2 7/8	2.270			1.10	4,620.9	4,622.0
On-Off Tool	1	4.515	1.875			1.45	4,622.0	4,623.4
X Seal Nipple	1	2 7/8				0.33	4,623.4	4,623.8
Packer	1	4 5/8	2.441			6.95	4,623.8	4,630.7
Cross Over	1	3.635	1.991			0.51	4,630.7	4,631.2
Tubing Pup Joint	1	2 3/8	1.991			4.05	4,631.2	4,635.3
XN Nipple	1	2 3/8	1.875			1.22	4,635.3	4,636.5
Wireline Guide	1	3 1/8	1.991			0.40	4,636.5	4,636.9

Rod Strings

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

Perforation Intervals

Stage#	Zone	Top (ftKB)	Blm (ftKB)	Shot Dens (shots/ft)	Phasing (*)	Nom Hole Dia (in)	Date
4	B1, Original Hole	4,680	4,690	4			6/15/2007
3	LODC, Original Hole	4,999	5,056	4			6/15/2007
2	CP2, Original Hole	5,096	5,108	4			6/15/2007
1	CP5, Original Hole	5,262	5,280	4			6/15/2007

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
4	2,056	0.87	24.8	1,978			
3	2,986	1.03	24.8	3,131			
2	2,134	0.83	24.8	2,541			
1	2,525	0.88	30.0	2,809			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
4		Proppant White Sand 14228 lb
3		Proppant White Sand 19400 lb
2		Proppant White Sand 55118 lb
1		Proppant White Sand 61337 lb



Job Detail Summary Report

Well Name: Federal 14-22-9-16

Jobs	Job Start Date	9/10/2014	Job End Date	9/16/2014
Primary Job Type				
Conversion				

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
9/10/2014	9/10/2014	MIRU
Start Time	End Time	Comment
08:30	09:30	Moved From R-2-9-16
09:30	10:00	MIRUSU
10:00	12:30	RDPU, Wait on Tk & Wtr
12:30	13:15	BMW H/O Pmped 60BW w/ biocides d/ Csg
13:15	14:00	LD Polished Rod, US Rod Pmp, Flush Rods w/ 40BW
14:00	14:15	Soft Seat Test Tbg to 3500psi, 7BW to Fill
14:15	17:00	LD Rod String on Tri, 100- 3/4" 4per, 98- 3/4" Plain, 20- 3/4", 6- Wt Bars, Rod Pump, Flush w/ 30BW During Trip
17:00	17:45	XO For Tbg, NDWH, Function Test BOPs, NU BOPs, RU Workfloor
17:45	19:00	TAC was Not Set, POOH w/ 40- Jts Breaking Everyother Collar...SWIFN
19:00	19:30	C/Travl

24hr Activity Summary

Report Start Date	Report End Date	24hr Activity Summary
9/11/2014	9/11/2014	Cont POOH w/ Tbg Breaking & Doping, RIH w/ Scrappier
Start Time	End Time	Comment
05:30	06:00	C/Travl:
06:00	07:00	Safety Metting
07:00	08:00	: No Psr on Well, OWU, BMW H/O Flushed Tbg w/ 40BW w/ Biocide
08:00	11:30	: Conti POOH w/ Pro Tbg B&D Everyother Collar, LD TAC-PSN-NC,(Scale on Outside Tbg 5438' to 5650')
11:30	13:15	: MU Slaugh Scrappier, TIH w/ 181- Jts, PU 2- Jts Tag Fill @5663' (147' Fill on PB- 382' From Bott Perf), LD 3-Jts,
13:15	13:45	: H/O Flushed Tbg w/ 40BW
13:45	15:30	: POOH B&D Remaining Collars to 4607' (148-Jts)
15:30	16:15	LD 33- Jts on Tri, LD Scrappier
16:15	17:30	: MU WFT AS-1X PKR Assa., TIH w/ 148- Jts,
17:30	18:15	: H/O Pmpd 10BW Pad, Drop SValv, MU & RIH w/ S/Line to Seat SValv, 11BW to Fill
18:15	18:45	: MU Isolation T, PT Tbg to 3000psi, Observ Pressure
18:45	19:00	100psi Loss in 30Min
19:00	19:30	SWIFN.. 7:00 to 7:30PM C/Travl



Job Detail Summary Report

Well Name: Federal 14-22-9-16

Daily Operations		Report Start Date	Report End Date	24hr Activity Summary
Start Time	9/12/2014	9/12/2014	05:30	Testing Tbg
End Time			06:00	C/Travl
Start Time			06:00	Comment : Safety Metting
End Time			07:00	
Start Time			07:00	Comment SITP 2600psi (300psi Loss in 690Min=2.3psi) SICP Ops, Bleed Tbg Press Off,
End Time			07:30	Comment Repress to 3000psi
Start Time			07:30	Comment : No Press Loss in 30Min (2960psi), Bleed Off Press
End Time			08:30	Comment Retrieve S/ Valve
Start Time			08:30	Comment : RD Workfloor, ND BOPs, MU WH, XO Ball Valvs
End Time			08:45	
Start Time			08:45	Comment H/O Pmped 60BW w/ Multi-Chem PKR Fluids d/ Annulus, Circ @ 15BW
End Time			09:15	Comment Set WFT 5 1/2" AS-1X PKR CE @ 4627' w/ 1500# of Tension, NU 3K Injection Tre
Start Time			09:15	Comment 1BW to Fill Annulus, PT Annulus to 1500psi, Observe Pressure, 140psi Loss in 120Min (1.17#pm Loss)
End Time			10:00	Comment Wtr Service Rep Performed MIT, First 2- Tests failed
Start Time			10:00	Comment Performed Final Test, GOOD TEST
End Time			11:00	Comment ...RDSU...Final Rig Report...Ready For State Test
Start Time			11:00	Comment c/Travl
End Time			11:30	
Start Time			11:30	Comment On 09/15/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/16/2014 the casing was pressured up to 1233 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was a State representative available to witness the test - Chris Jensen.
End Time			13:00	
Start Time			13:00	
End Time			14:00	
Start Time			14:00	
End Time			14:30	
Start Time			14:30	
End Time			16:00	
Start Time			16:00	
End Time			17:00	
Start Time			09:00	
End Time			09:30	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
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3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	8. WELL NAME and NUMBER: FEDERAL 14-22-9-16
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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: 12/17/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
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<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
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	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The above reference well was put on injection at 10:40 AM on 12/17/2014.

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

Date: January 05, 2015

By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 12/23/2014	



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-421

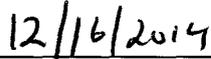
Operator: Newfield Production Company
Well: Federal 14-22-9-16
Location: Section 22, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-33147
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on June 16, 2014.
2. Maximum Allowable Injection Pressure: 2,000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,755' – 5,740')
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


Date

JR/MLR/js

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

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





GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 16, 2014

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

Subject: Greater Monument Butte Unit Well: Federal 14-22-9-16, Section 22, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33147

Newfield Production Company:

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

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 3,755 feet in the Federal 14-22-9-16 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,

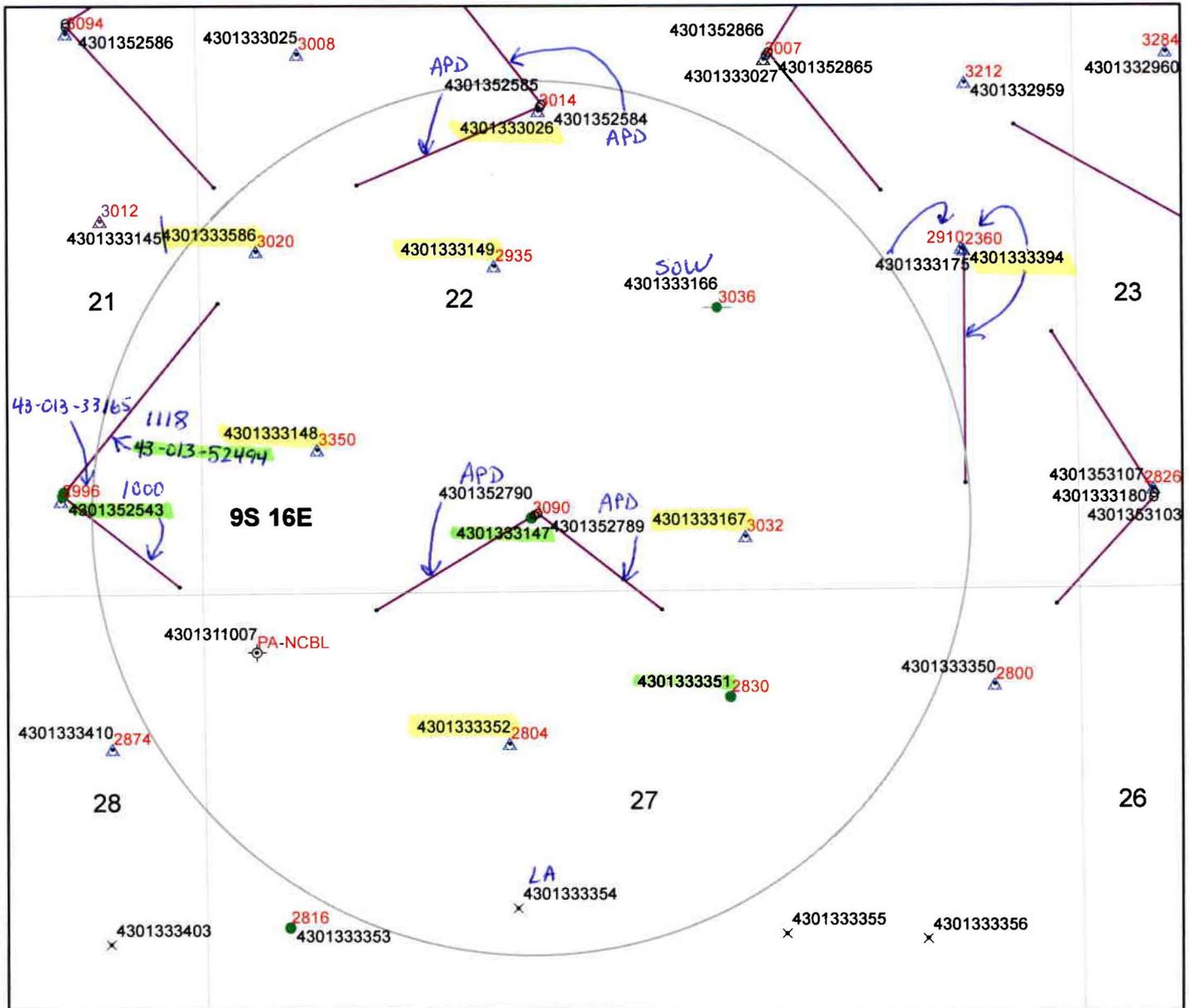
John Rogers
Associate Director

JR/MLR/js

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

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





Legend

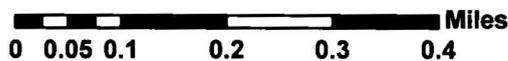
Oil & Gas Well Type

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

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

Cement Bond Tops Federal 14-22-9-16 API #43-013-33147 UIC-421.5

(updated 12/12/2014)



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

Applicant: Newfield Production Company **Well:** Federal 14-22-9-16

Location: 22/9S/16E **API:** 43-013-33147

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

Well Integrity: The proposed well has surface casing set at 321 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,794 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,090 feet or higher. A 2 7/8 inch tubing with a packer will be set at 4,630 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. At the time of this revision (12/12/2014), based on surface locations, there are 2 producing wells, 6 injection wells, 1 shut-in well, and 1 P/A in the AOR. Additionally, there are 2 directionally drilled producing wells with surface locations outside the AOR and bottom hole locations inside the AOR. There is 1 directionally drilled injection well, with a surface location outside the AOR and a bottom hole location slightly inside the AOR. Finally, there is 1 approved surface location inside the AOR from which a directional well will be drilled to a bottom hole location outside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2700 feet. Injection shall be limited to the interval between 3,755 feet and 5,740 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 14-22-9-16 well is 0.87 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,026 psig. The requested maximum pressure is 2,026 psig. We intend to permit this well at a maximum pressure of 2,000 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Federal 14-22-9-16

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: 5/9/2014 (revised 12/12/2014)

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

The Salt Lake Tribune

MEDIAONE

Deseret News

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, Rose Nolton 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	5/13/2014

RECEIVED
 MAY 15 2014
 DIV OF OIL-GAS & MINING

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / I
8015385340	0000957536 /
SCHEDULE	
Start 05/09/2014	End 05/09/2014
CUST. REF. NO.	
CAUSE NO. UIC-421	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF	
SIZE	
82 Lines	2.00 COL
TIMES	RA
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MISC. CHARGES	AD CH
TOTAL	
280.	

BEFORE THE DIVISION OF OIL, GAS AND MINING
 DEPARTMENT OF NATURAL RESOURCES
 STATE OF UTAH
 NOTICE OF AGENCY ACTION
 CAUSE NO. UIC-421

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 24, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 22, 23, 28, AND 29, 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 Units:
 Ashley Federal 12-24E-9-15 well located in NW/4 SW/4, Section 24, Township 9 South, Range 15 East
 API 43-013-15782
 Federal 2-22-9-16 well located in NW/4 NE/4, Section 22, Township 9 South, Range 16 East
 API 43-013-32958
 Federal 6-22-9-16 well located in SE/4 NW/4, Section 22, Township 9 South, Range 16 East
 API 43-013-33026
 Federal 8-22-9-16 well located in SE/4 NE/4, Section 22, Township 9 South, Range 16 East
 API 43-013-32959
 Federal 1-4-22-9-16 well located in SE/4 SW/4, Section 22, Township 9 South, Range 16 East
 API 43-013-33147
 Federal 4-23-9-16 well located in NW/4 NW/4, Section 23, Township 9 South, Range 16 East
 API 43-013-33177
 Federal 2-28-9-16 well located in NW/4 NE/4, Section 28, Township 9 South, Range 16 East
 API 43-013-33409
 Federal 4-28-9-16 well located in NW/4 NW/4, Section 28, Township 9 South, Range 16 East
 API 43-013-33407
 Federal 2-29-9-16 well located in NW/4 NE/4, Section 29, Township 9 South, Range 16 East
 API 43-013-33424

The proceeding will be conducted in accordance with Utah Admn. 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 6th day of May, 2014.

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

957536

UPAXLP

ON

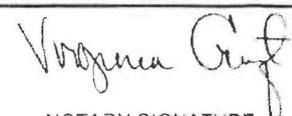
AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY **BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCE CAUSE NO. UIC-421 IN THE MATTER OF THE APPLICA** FOR DIV OF OIL-GAS & MINING, W COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY. COMPLIES WITH UTAH DIGITAL SIGNATURE ACT UTAH CODE 46-2-101: 46-3-104.

PUBLISHED ON Start 05/09/2014 End 05/09/2014

SIGNATURE 

DATE 5/13/2014

VIRGINIA CRAFT
 NOTARY PUBLIC - STATE OF UTAH
 My Comm. Exp. 01/12/2018
 Commission # 672963


 NOTARY SIGNATURE

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

2250/GGUAADMIN/GFH/6131

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 13 day of May, 2014, and that the last publication of such notice was in the issue of such newspaper dated the 13 day of May, 2014, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

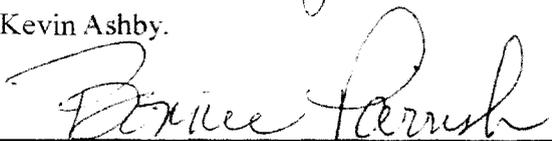


Publisher

Subscribed and sworn to before me on this

16 day of May, 2014

by Kevin Ashby.



Notary Public

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 6th day of May, 2014.

STATE OF UTAH
DIVISION OF
OIL, GAS & MINING

Brad Hill
Permitting Manager

Published in the
Uintah Basin Standard
May 13, 2014.

**BEFORE THE
DIVISION
OF OIL, GAS
AND MINING
DEPARTMENT OF
NATURAL
RESOURCES
STATE OF
UTAH
NOTICE OF
AGENCY
ACTION
CAUSE NO.
UIC-421**

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 24, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 22, 23, 28, AND 29, 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.

ston) 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:

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API 43-013-32958 Federal 6-22-9-16 well located in SE/4 NW/4, Section 22, Township 9 South, Range 16 East

API 43-013-33026 Federal 8-22-9-16 well located in SE/4 NE/4, Section 22, Township 9 South, Range 16 East

API 43-013-32959 Federal 14-22-9-16 well located in SE/4 SW/4, Section 22, Township 9 South, Range 16 East

API 43-013-33147 Federal 4-23-9-16 well located in NW/4 NW/4, Section 23, Township 9 South, Range 16 East

API 43-013-33177 Federal 2-28-9-16 well located in NW/4 NE/4, Section 28, Township 9 South, Range 16 East

API 43-013-33409 Federal 4-28-9-16 well located in NW/4 NW/4, Section 28, Township 9 South, Range 16 East

API 43-013-33407 Federal 2-29-9-16 well located in NW/4 NE/4, Section 29, Township 9 South, Range 16 East

API 43-013-33424

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

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-421

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API 43-013-32958

Federal 6-22-9-16 well located in SE/4 NW/4, Section 22, Township 9 South, Range 16 East
API 43-013-33026

Federal 8-22-9-16 well located in SE/4 NE/4, Section 22, Township 9 South, Range 16 East
API 43-013-32959

Federal 14-22-9-16 well located in SE/4 SW/4, Section 22, Township 9 South, Range 16 East
API 43-013-33147

Federal 4-23-9-16 well located in NW/4 NW/4, Section 23, Township 9 South, Range 16 East
API 43-013-33177

Federal 2-28-9-16 well located in NW/4 NE/4, Section 28, Township 9 South, Range 16 East
API 43-013-33409

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API 43-013-33407

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API 43-013-33424

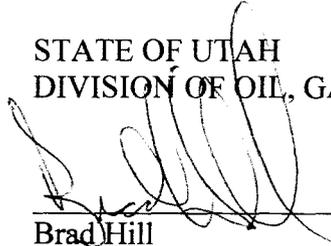
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Dated this 6th day of May, 2014.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

A handwritten signature in black ink, appearing to read "Brad Hill", is written over a horizontal line. The signature is stylized and somewhat cursive.

Brad Hill
Permitting Manager

Newfield Production Company

**ASHLEY FEDERAL 12-24R-9-15, FEDERAL 2-22-9-16, FEDERAL 6-22-9-16,
FEDERAL 8-22-9-16, FEDERAL 14-22-9-16, FEDERAL 4-23-9-16,
FEDERAL 2-28-9-16, FEDERAL 4-28-9-16, FEDERAL 2-29-9-16**

Cause No. UIC-421

Publication Notices were sent to the following:

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

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

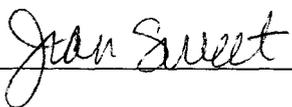
Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail ubslegals@ubmedia.biz

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

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

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

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





GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 8, 2014

Via e-mail: ubslegals@ubmedia.biz

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-421

To whom it may concern:

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

Please send proof of publication and billing to:

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

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



Jean Sweet <jsweet@utah.gov>

Re: Notice of Agency Action Newfield Cause No. UIC-421

1 message

Cindy Kleinfelter <ckleinfelter@ubmedia.biz>
To: Jean Sweet <jsweet@utah.gov>

Fri, May 9, 2014 at 12:49 PM

On 5/8/2014 10:39 AM, Jean Sweet wrote:

To whom it may concern:

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

Please send proof of publication and billing to:

Division of Oil, Gas and Mining

PO Box 145801

Salt Lake City, UT 84114-5801

Sincerely,

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

I think I replied to this, but if not, it will publish May 13.
Cindy



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 8, 2014

VIA E-MAIL naclegal@mediaoneutah.com

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

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-421

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

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

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

Order Confirmation for Ad #0000957536-01

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 TEMPLE STE 1210, SALT LAKE CITY UT 84116-3154 USA	Payor Address	1594 W NORTH TEMPLE STE 1210, SALT LAKE CITY UT 84116-3154
Fax	801-359-3940	Ordered By	Acct. Exec
EMail	juliecarter@utah.gov	Jean	kstowe

Total Amount	\$280.52			
Payment Amt	\$0.00			
Amount Due	\$280.52	Tear Sheets	Proofs	Affidavits
		0	0	1
Payment Method		PO Number	CAUSE NO. UIC-421	
Confirmation Notes:				
Text:	Jean			

Ad Type	Ad Size	Color
Legal Liner	2.0 X 82 Li	<NONE>

<u>Product</u>	<u>Placement</u>	<u>Position</u>
Salt Lake Tribune::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	5/9/2014	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
Deseret News::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	5/9/2014	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	5/9/2014	

Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-421

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 24, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 22, 23, 28, AND 29, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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API 43-013-32959
Federal 14-22-9-16 well located in SE/4 SW/4, Section 22, Township 9 South, Range 16 East
API 43-013-33147
Federal 4-23-9-16 well located in NW/4 NW/4, Section 23, Township 9 South, Range 16 East
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Dated this 6th day of May, 2014.

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

957536

LPAXIP

NEWFIELD



Newfield Exploration Company

1001 17th Street | Suite 2000

Denver, Colorado 80202

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

April 23, 2014

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

RECEIVED

APR 25 2014

RE: Permit Application for Water Injection Well
Federal #14-22-9-16
Monument Butte Field, Lease #UTU-74392
Section 22-Township 9S-Range 16E
Duchesne County, Utah

DIV. OF OIL, GAS & MINING

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #14-22-9-16 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 "Jill L. Loyle".

Jill L. Loyle
Regulatory Associate

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #14-22-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-74392
APRIL 23, 2014

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Spud Date: 4-25-07
 Put on Production: 6-22-07
 GL: 5894' KB: 5906'

Fed. #14-22-9-16

Proposed Injection Wellbore Diagram

SURFACE CASING

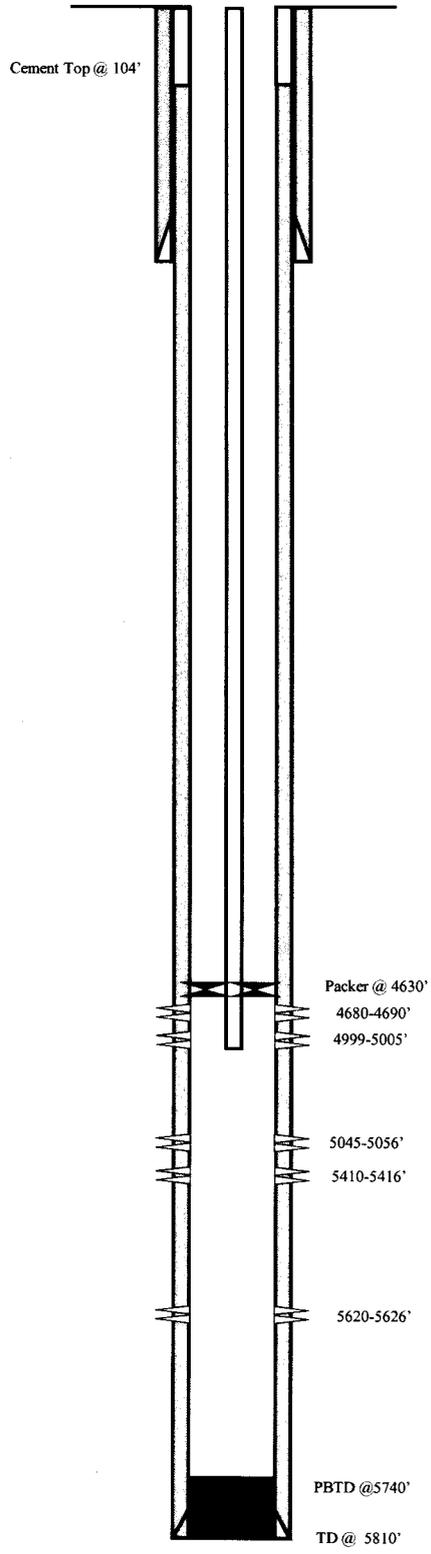
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (309.02')
 DEPTH LANDED: 320.87' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: To surface with 160 sx Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 142 jts. (6165.44')
 DEPTH LANDED: 5793.94' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sx Prem. Lite II & 400 sx 50/50 Poz.
 CEMENT TOP: 104'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 179 jts (5577.57')
 TUBING ANCHOR: 5589.57' KB
 NO. OF JOINTS: 1 jts (31.63')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5624.00' KB
 NO. OF JOINTS: 1 jts (31.57')
 TOTAL STRING LENGTH: EOT @ 5657.12' KB



FRAC JOB

6/15/07 **5620-5626 RU BJ & frac CPS sds as follows:**
 14,228#s of 20/40 sand in 265 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2740 w/ ave rate of 27 bpm w/ 6.5 ppg of sand. ISIP was 2525. Actual flush: 5166 gals.

6/15/07 **5410-5416 RU BJ & frac stage #2 as follows:**
 19,400# 20/40 sand in 298 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2147 w/ ave rate of 24.8 bpm w/ 6.5 ppg of sand. ISIP was 2134. Actual flush: 4914 gals.

6/15/07 **4999-5005 RU BJ & frac stage #3 as follows:**
 55,118# 20/40 sand in 482 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2856 w/ ave rate of 24.8 bpm w/ 6.5 ppg of sand. ISIP was 2986. Actual flush: 4536 gals.

6/15/07 **4680-4690 RU BJ & frac stage #4 as follows:**
 61,337# 20/40 sand in 472 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1703 w/ ave rate of 24.8 bpm w/ 8 ppg of sand. ISIP was 2056. Actual flush: 4662 gals.

1/3/09

Pump Change. Updated rod & tubing details.

PERFORATION RECORD

06/15/07	5620-5626'	4 JSPF	24 holes
06/15/07	5410-5416'	4 JSPF	112 holes
06/15/07	5045-5056'	4 JSPF	84 holes
06/15/07	4999-5005'	4 JSPF	20 holes
06/15/07	4680-4690'	4 JSPF	40 holes

NEWFIELD

Federal 14-22-9-16
 477' FSL and 1988' FWL
 SE/SW Sec. 22, T9S, 16E
 Duchesne Co, Utah
 API #43-013-33147 ; Lease #UTU-74392

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

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

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Federal #14-22-9-16 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 #14-22-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3755' - 5740'). 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 3433' and the TD is at 5810'.

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

The referenced log for the Federal #14-22-9-16 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-74392) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

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

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

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

See Attachments A and B.

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

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

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

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

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

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

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

The casing program is 8-5/8", 24# surface casing run to 321' KB, and 5-1/2", 15.5# casing run from surface to 5794' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

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

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

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

See Attachment F.

2.8 The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2026 psig.

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

The minimum fracture gradient for the Federal #14-22-9-16, for existing perforations (4680' - 5626') calculates at 0.87 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 2026 psig. We may add additional perforations between 3433' and 5810'. See Attachments G and G-1.

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

In the Federal #14-22-9-16, the proposed injection zone (3755' - 5740') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

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

See Attachments E through E-9.

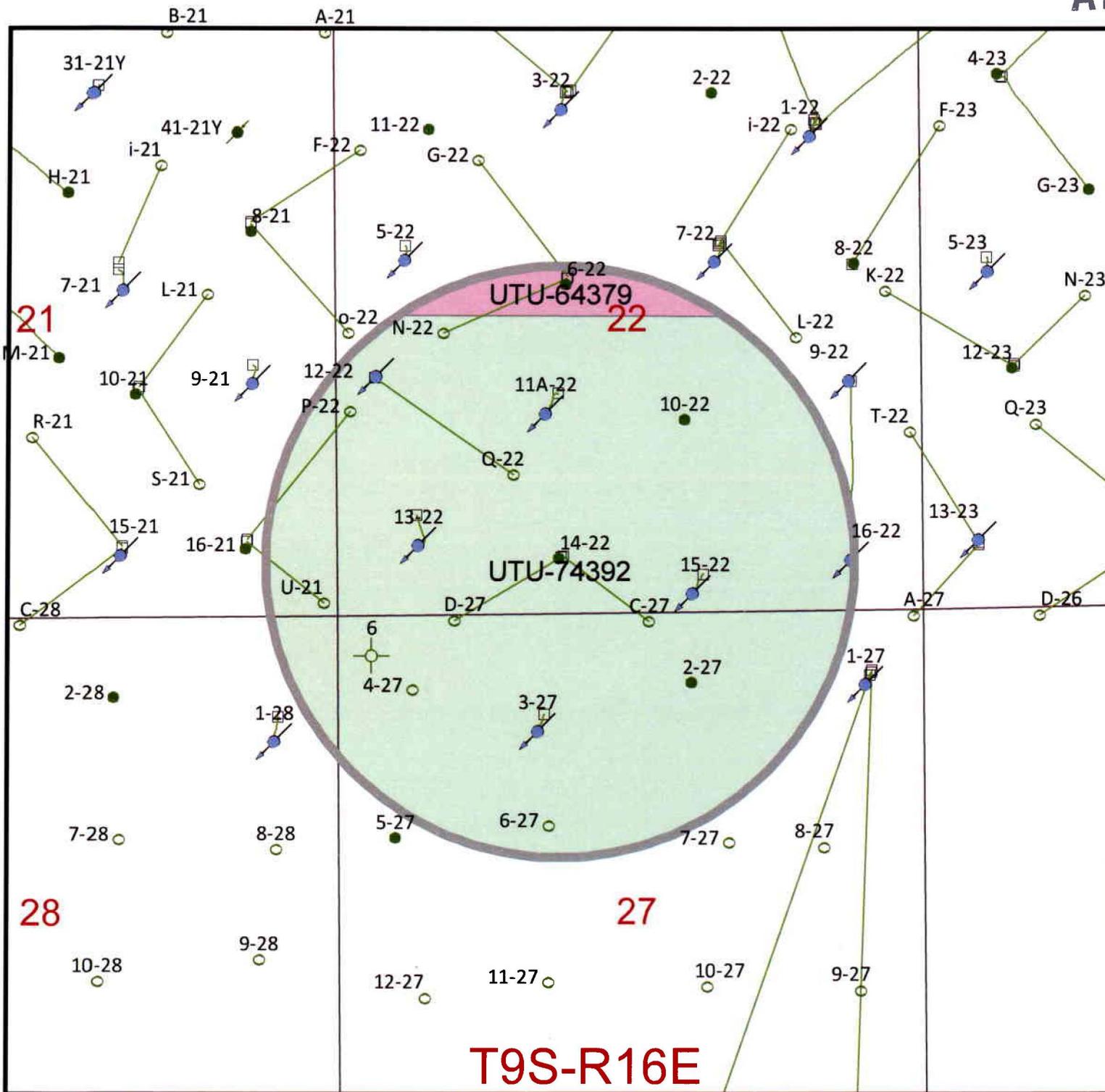
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

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

See Attachment C.

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

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



Lease Number

- UTU-64379
- UTU-74392

Half-Mile Buffer

Well Status

- Location
- S
 Surface Spud
- D
 Drilling
- W
 Waiting on Completion
- P
 Producing Oil Well
- G
 Producing Gas Well
- W
 Water Injection Well
- D
 Water Disposal Well
- X
 Dry Hole
- A
 Temporarily Abandoned
- P
 Plugged & Abandoned
- S
 Shut In
- Well Surface Location

Federal 14-22-9-16
Section 22, T9S-R16E



1/2 Mile Radius Map

Duchesne County

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

March 13, 2014

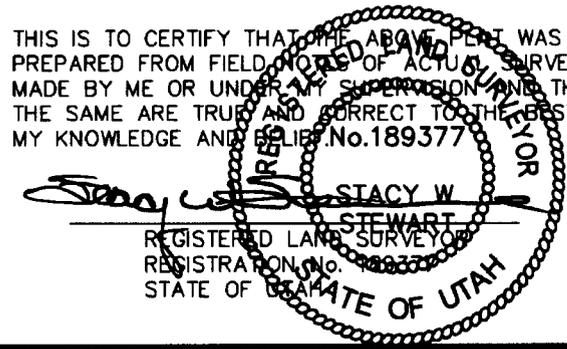
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

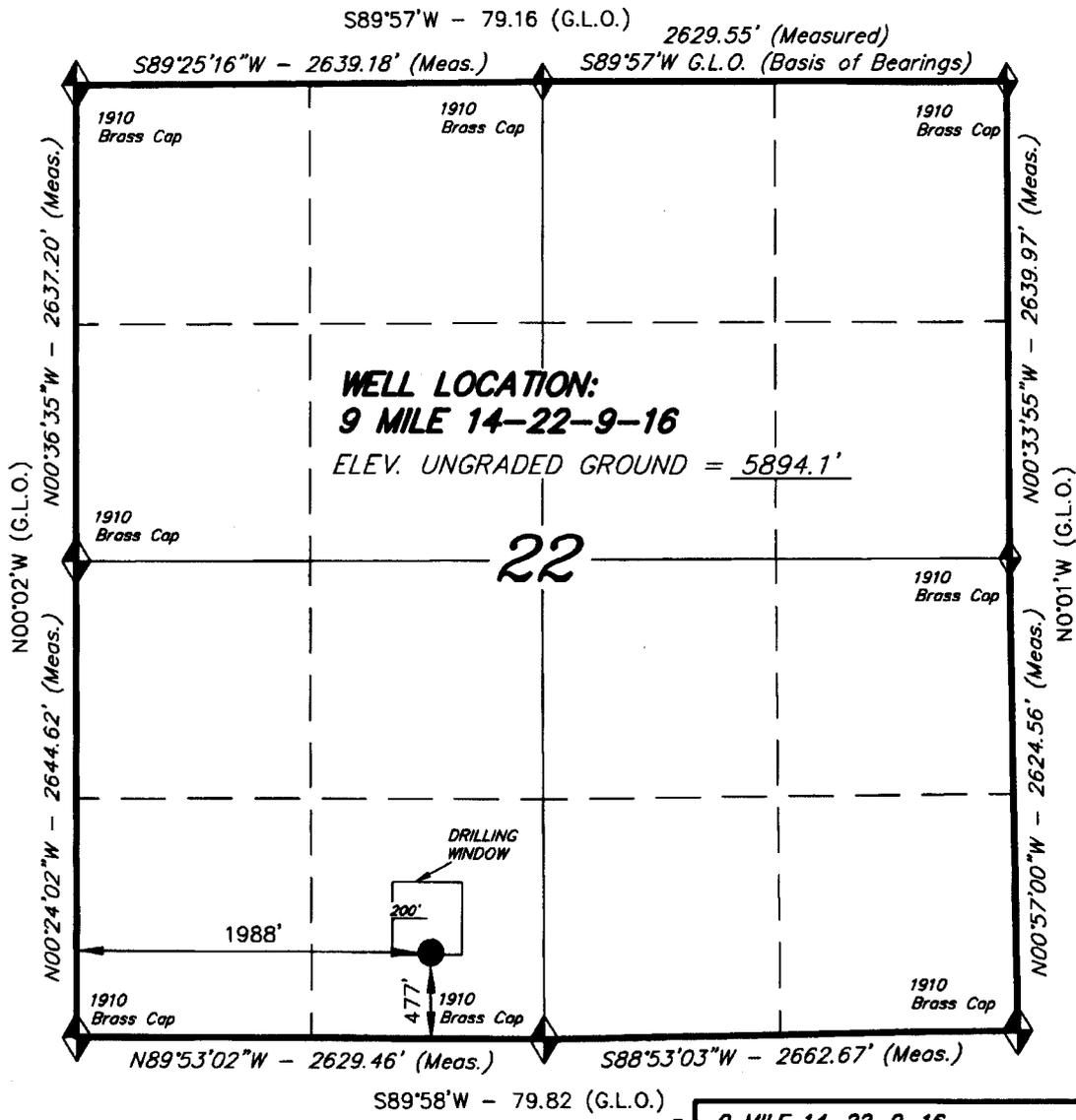
WELL LOCATION, 9 MILE 14-22-9-16,
 LOCATED AS SHOWN IN THE SE 1/4 SW
 1/4 OF SECTION 22, T9S, R16E,
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



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



TRI STATE LAND SURVEYING & CONSULTING	
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
DATE SURVEYED: 03-31-06	SURVEYED BY: C.M.
DATE DRAWN: 4-3-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'



◆ = SECTION CORNERS LOCATED

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

9 MILE 14-22-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 00' 37.31"
 LONGITUDE = 110° 06' 27.81"

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 Petroleum Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #14-22-9-16

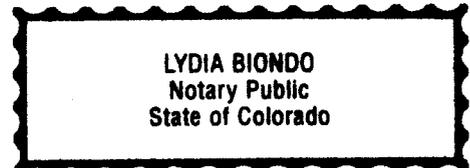
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: Jill I. Loyle
Newfield Production Company
Jill I. Loyle
Regulatory Associate

Sworn to and subscribed before me this 23rd day of April, 2014.

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

My Commission Expires: 12/31/15



Spud Date: 4-25-07
 Put on Production: 6-22-07
 GI: 5894' KB: 5906'

Fed. #14-22-9-16

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (309.02')
 DEPTH LANDED: 320.87' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: To surface with 160 sx Class "G" cmt.

PRODUCTION CASING

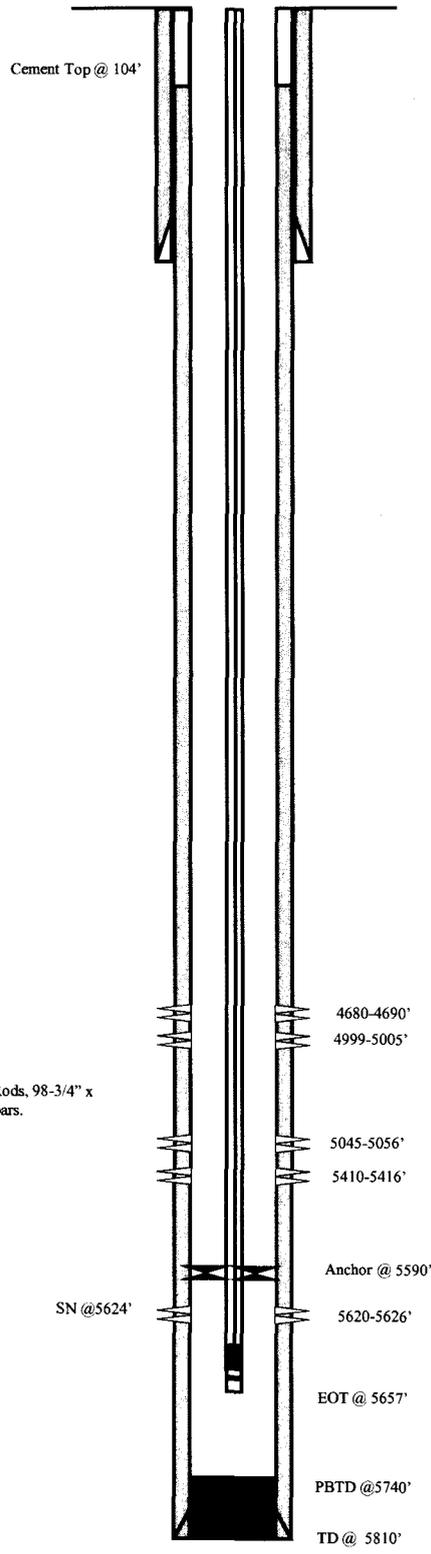
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 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 142 jts. (6165.44')
 DEPTH LANDED: 5793.94' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sx Prem. Lite II & 400 sx 50/50 Poz.
 CEMENT TOP: 104'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 179 jts (5577.57')
 TUBING ANCHOR: 5589.57' KB
 NO. OF JOINTS: 1 jts (31.63')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5624.00' KB
 NO. OF JOINTS: 1 jts (31.57')
 TOTAL STRING LENGTH: EOT @ 5657.12' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 3/4 x 4' Pony rod, 100-3/4 x 25' Scrapered Rods, 98-3/4" x 25' Slick Rods, 20-3/4' x 25' scrapered rods, 6-1 1/2 x 25' wt bars.
 PUMP SIZE: 2 1/2" x 1 1/2" x 12x 15' RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, 5 SPM:



FRAC JOB

6/15/07 **5620-5626 RU BJ & frac CP5 sds as follows:**
 14,228#s of 20/40 sand in 265 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2740 w/ ave rate of 27 bpm w/ 6.5 ppg of sand. ISIP was 2525. Actual flush: 5166 gals.

6/15/07 **5410-5416 RU BJ & frac stage #2 as follows:**
 19,400# 20/40 sand in 298 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2147 w/ ave rate of 24.8 bpm w/ 6.5 ppg of sand. ISIP was 2134. Actual flush: 4914 gals.

6/15/07 **4999-5005 RU BJ & frac stage #3 as follows:**
 55,118# 20/40 sand in 482 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2856 w/ ave rate of 24.8 bpm w/ 6.5 ppg of sand. ISIP was 2986. Actual flush: 4536 gals.

6/15/07 **4680-4690 RU BJ & frac stage #4 as follows:**
 61,337# 20/40 sand in 472 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1703 w/ ave rate of 24.8 bpm w/ 8 ppg of sand. ISIP was 2056. Actual flush: 4662 gals.

1/3/09

Pump Change. Updated rod & tubing details.

PERFORATION RECORD

06/15/07	5620-5626'	4 JSPF	24 holes
06/15/07	5410-5416'	4 JSPF	112 holes
06/15/07	5045-5056'	4 JSPF	84 holes
06/15/07	4999-5005'	4 JSPF	20 holes
06/15/07	4680-4690'	4 JSPF	40 holes

NEWFIELD

Federal 14-22-9-16
 477' FSL and 1988' FWL
 SE/SW Sec. 22, T9S, 16E
 Duchesne Co, Utah
 API #43-013-33147 ; Lease #UTU-74392

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

Federal 12-22-9-16

Injection Wellbore Diagram

SURFACE CASING

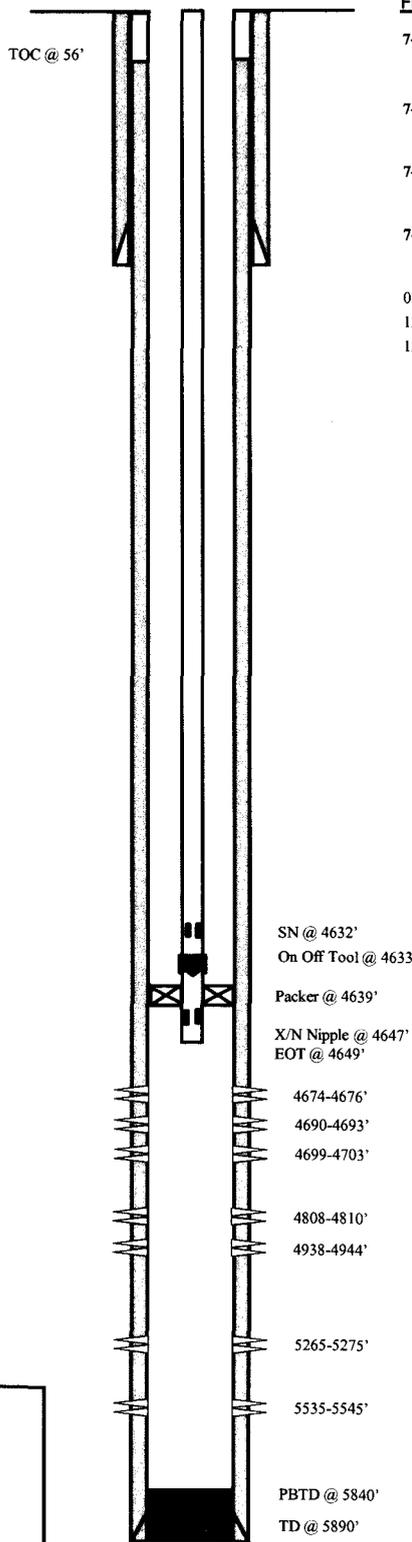
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 8 jts (313.85')
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 325.7' KB
 CEMENT DATA: 160 sxs Class 'G', circ. 4 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 149 jts (5868.64')
 HOLE SIZE: 7 7/8"
 DEPTH LANDED: 5881.89'
 CEMENT DATA: 275 sxs Prem. Lite and 401 sxs 50/50 POZ
 CEMENT TOP AT: 56' per CBL 7/14/09

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 167 jts (4619.9')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4631.9' KB
 ON/OFF TOOL AT: 4633'
 ARROW #1 PACKER CE AT: 4639.1'
 XO 2-3/8 x 2-7/8 J-55 AT: 4642.8'
 TBG PUP 2-3/8 J-55 AT: 4643.3'
 X/N NIPPLE AT: 4647.4'
 TOTAL STRING LENGTH: EOT @ 4649.03'



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 detail updated.
 12/18/13 **Convert to Injection Well**
 12/20/13 **Conversion MIT Finalized** -update tbg detail

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

NEWFIELD



Schematic

43-013-33026

Well Name: Federal 6-22-9-16

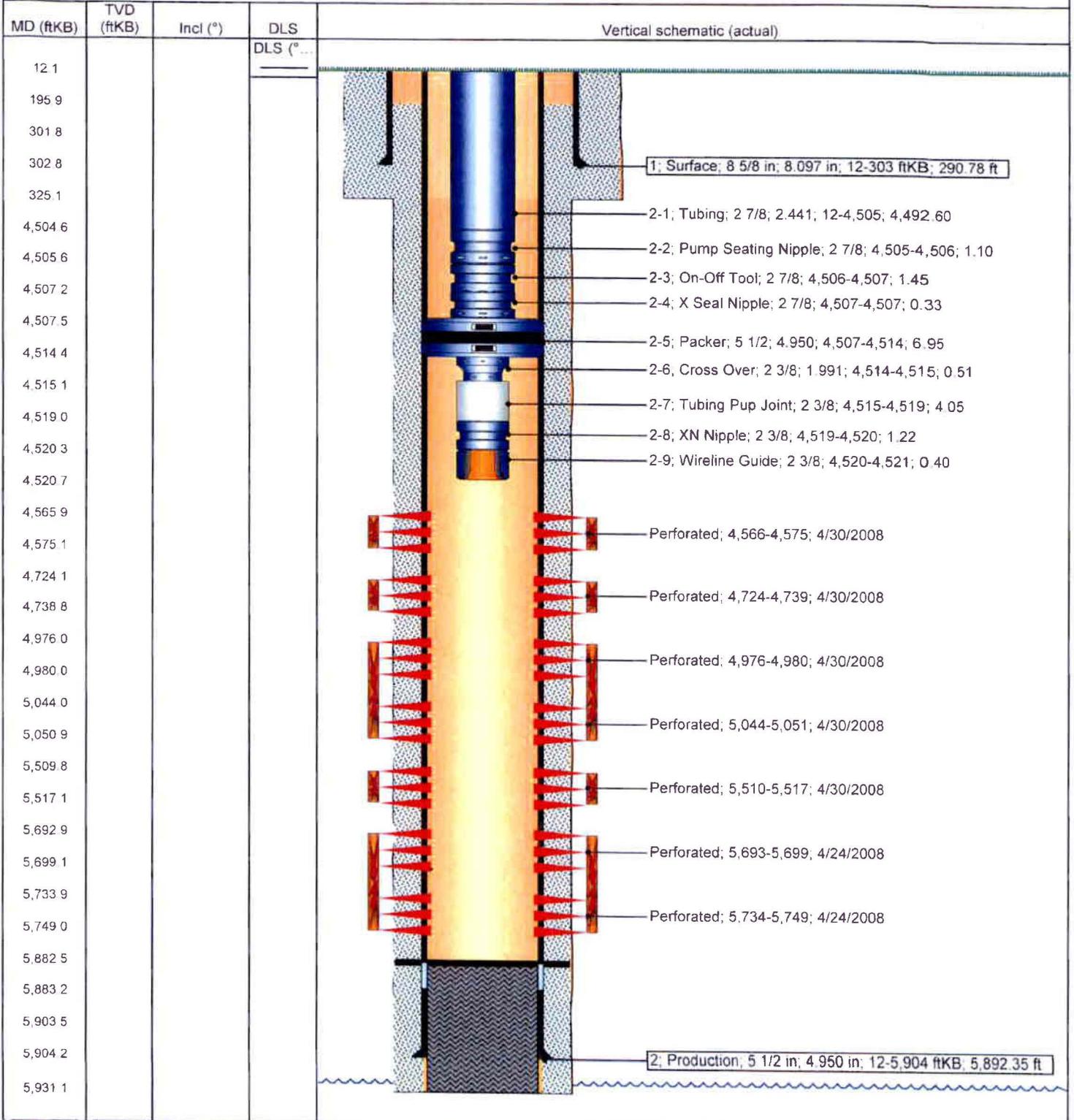
Surface Legal Location 22-9S-16E		API/UWI 43013330260000	Well RC 500154759	Lease	State/Province Utah	Field Name GMBU CTE6	County DUCHESNE
Spud Date 3/13/2008	Rig Release Date 4/10/2008	On Production Date 5/6/2008	Original KB Elevation (ft) 5,925	Ground Elevation (ft) 5,913	Total Depth All (TVD) (ftKB)	PBD (All) (ftKB) Original Hole - 5,882.5	

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 7/16/2014	Job End Date 7/22/2014
---------------------------------------	--------------------------------	-----------------------------	-----------------------------	---------------------------

TD: 5,931.0

Vertical - Original Hole, 7/23/2014 9:49:31 AM



Federal 11A-22-9-16

Spud Date: 5-15-07

Put on Production: 7-18-07

GL: 5867' KB: 5879'

Injection Wellbore Diagram

SURFACE CASING

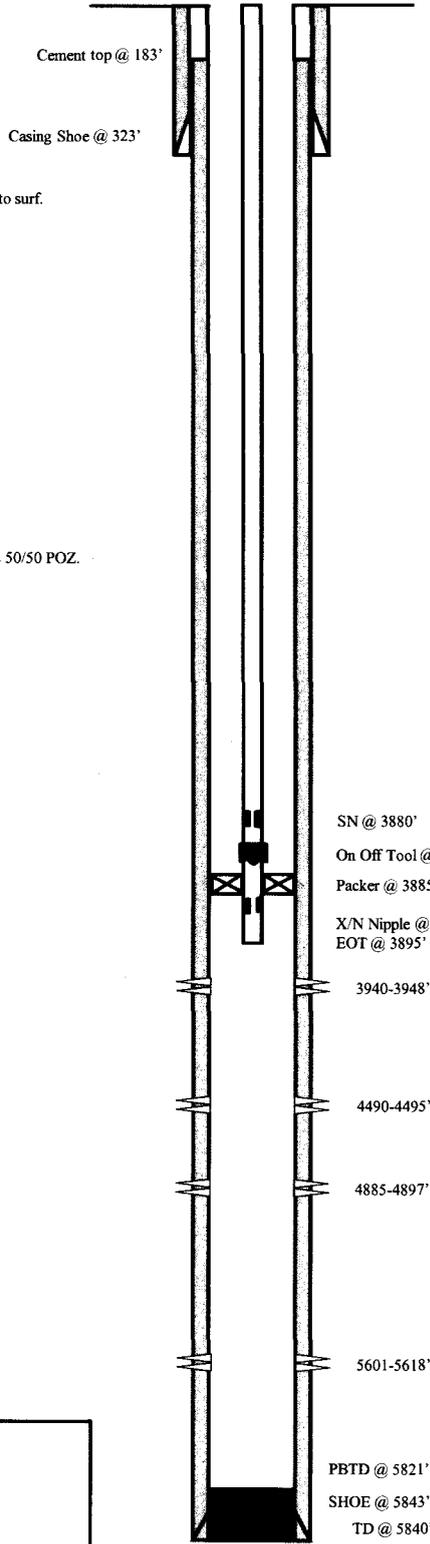
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jnts (311.35')
 DEPTH LANDED: 323.2' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

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: 124 jts (3867.6')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 3879.6' KB
 ON/OFF TOOL AT: 3880.7'
 ARROW #1 PACKER CE AT: 3885'
 XO 2-3/8 x 2-7/8 J-55 AT: 3889.5'
 TBG PUP 2-3/8 J-55 AT: 3890'
 X/N NIPPLE AT: 3894.1'
 TOTAL STRING LENGTH: EOT @ 3895.5'



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: 48831 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 24.8BPM. 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. 24.8BPM. ISIP 1470psi. Calc flush: 3938 gal. Actual flush: 3906 gal.

06/25/08
 1/18/2010 **Workover.** Rod & Tubing detail updated.
 11/16/12 **Tubing leak.** Updated rod and tubing detail.
 11/20/12 **Convert to Injection Well**
Conversion MIT Finalized - update tbg 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

NEWFIELD

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

Federal 13-22-9-16

Spud Date: 5-9-2007
 Put on Production: 6-25-2007
 GL: 5994' KB: 6006'

Injection Wellbore Diagram

SURFACE CASING

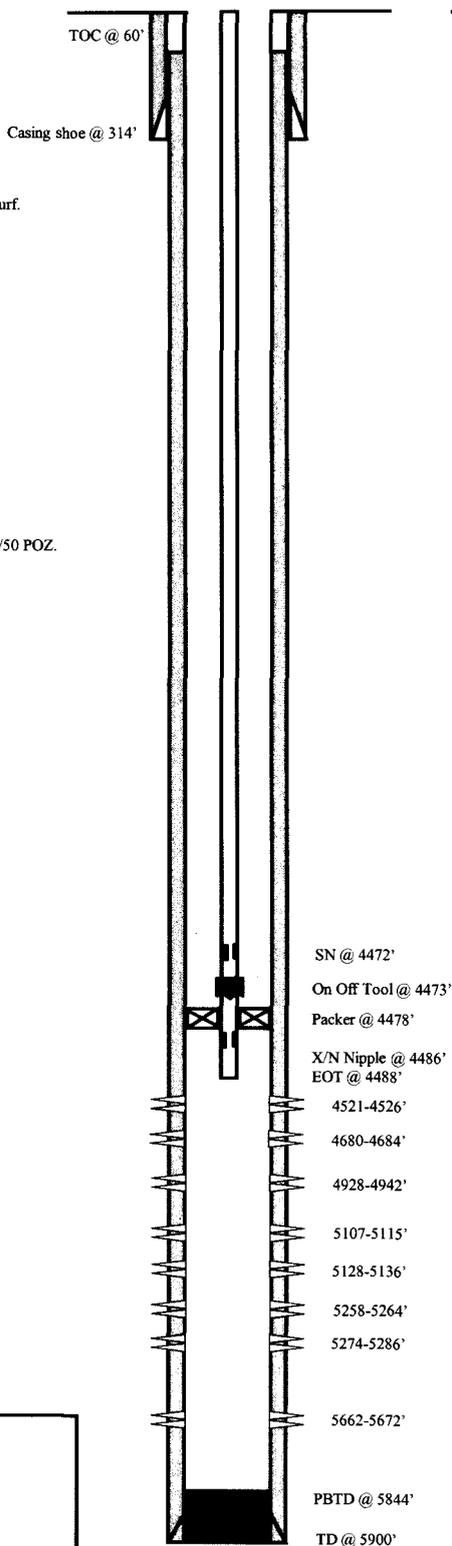
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (302.02')
 DEPTH LANDED: 313.87' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

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/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 142 jts (4460.3')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4472.5' KB
 ON/OFF TOOL AT: 4473.4'
 ARROW #1 PACKER CE AT: 4478.17'
 XO 2-3/8 x 2-7/8 J-55 AT: 4481.8'
 TBG PUP 2-3/8 J-55 AT: 4482.3'
 X/N NIPPLE AT: 4486.5'
 TOTAL STRING LENGTH: EOT @ 4488'



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.

11/26/12 **4680-4684' Frac C sands as follows:** 11774# 20/40 sand in 216 bbls Lightning 17 frac fluid.

11/27/12 **4521-4526' Frac D1 sands as follows:** 13743# 20/40 sand in 259 bbls Lightning 17 frac fluid.

11/28/12 **Convert to Injection Well**

12/04/12 **Conversion MIT Finalized** - update tbg detail

PERFORATION RECORD

Date	Depth Range	Tool	Holes
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
11/21/12	4680-4684'	3 JSPF	12 holes
11/21/12	4521-4526'	3 JSPF	15 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 15-22-9-16

Spud Date: 4/17/2007
 Put on Production: 6-18-2007
 GL: 5846' KB: 5858'

Injection Wellbore Diagram

SURFACE CASING

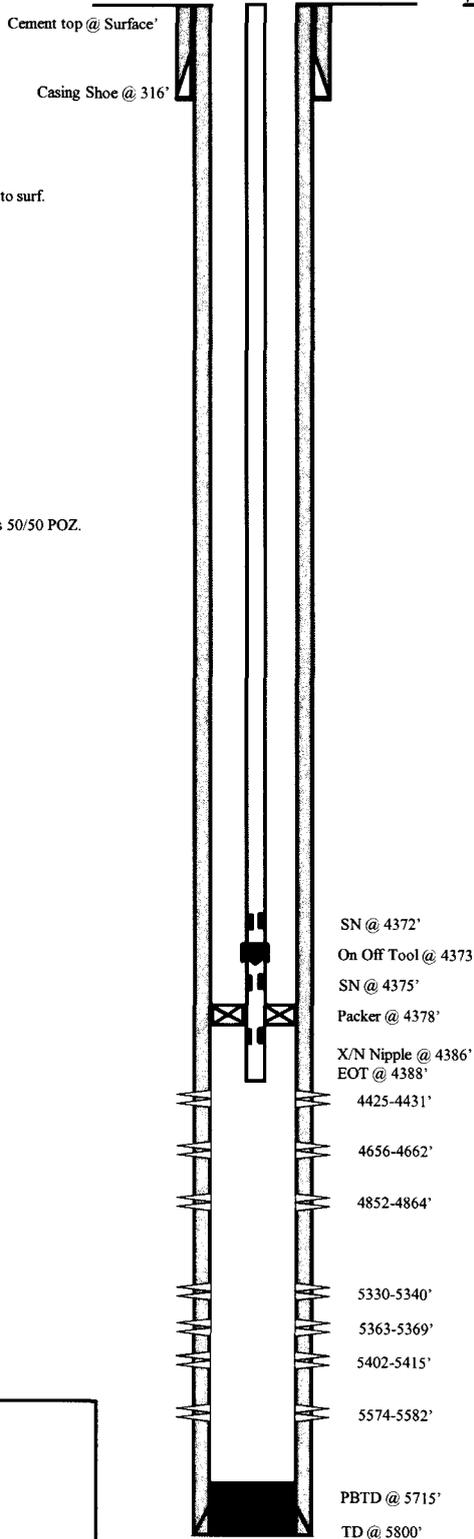
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (304.31')
 DEPTH LANDED: 316.16' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 133 jts (5764.96')
 DEPTH LANDED: 5768.96' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP AT: Surface'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 142 jts (4360.1')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4372.1' KB
 ON/OFF TOOL AT: 4373.2'
 SEAL NIPPLE LANDED AT: 4374.6' KB
 ARROW #1 PACKER CE AT: 4378.09'
 XO 2-3/8 x 2-7/8 J-55 AT: 4381.9'
 TBG PUP 2-3/8 J-55 AT: 4382.4'
 X/N NIPPLE AT: 4386.5'
 TOTAL STRING LENGTH: EOT @ 4388'



FRAC JOB

06-11-07	5574-5582'	Frac CP5 sands as follows: 19614# 20/40 sand in 325 bbls Lightning 17 frac fluid. Treated @ avg press of 2433 psi w/avg rate of 24.8 BPM. ISIP 2430 psi. Calc flush: 5572 gal. Actual flush: 5124 gal.
06-11-07	5330-5415'	Frac CP3, CP2, & CP1 sands as follows: 34912# 20/40 sand in 403 bbls Lightning 17 frac fluid. Treated @ avg press of 2224 psi w/avg rate of 24.8 BPM. ISIP 1976 psi. Calc flush: 4328 gal. Actual flush: 4872 gal.
06-11-07	4852-4864'	Frac A1 sands as follows: 19473# 20/40 sand in 287 bbls Lightning 17 frac fluid. Treated @ avg press of 1777 psi w/avg rate of 24.8 BPM. ISIP 1860 psi. Calc flush: 4850 gal. Actual flush: 4410 gal.
06-11-07	4656-4662'	Frac B1 sands as follows: 14664# 20/40 sand in 237 bbls Lightning 17 frac fluid. Treated @ avg press of 1924 w/ avg rate of 24.8 BPM. ISIP 1720 psi. Calc flush: 4654 gal. Actual flush: 4200 gal.
06-11-07	4425-4431'	Frac D1 sands as follows: 22099# 20/40 sand in 274 bbls Lightning 17 frac fluid. Treated @ avg press of 2182 w/ avg rate of 24.8 BPM. ISIP 1700 psi. Calc flush: 4423 gal. Actual flush: 3948 gal.
7/23/07		Pump change: Updated rod & tuning detail.
05/29/08		Pump change: Updated rod and tubing detail.
5/11/09		Tubing Leak: Updated r & t details.
12/03/12		Convert to Injection Well
12/04/12		Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

06-07-07	5574-5582'	4 JSPF	32 holes
06-11-07	5402-5415'	4 JSPF	52 holes
06-11-07	5363-5369'	4 JSPF	24 holes
06-11-07	5330-5340'	4 JSPF	40 holes
06-11-07	4852-4864'	4 JSPF	48 holes
06-11-07	4656-4662'	4 JSPF	24 holes
06-11-07	4425-4431'	4 JSPF	24 holes

NEWFIELD

Federal 15-22-9-16
 355' FSL & 1987' FEL
 SW/SE Section 22-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33167; Lease # UTU-74392

FEDERAL 10-22-9-16

Spud Date: 04/26/07
 Put on Production: 06/29/07
 GL: 5955' KB: 5967'

Initial Production: BOPD,
 MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (310.97')
 DEPTH LANDED: 322.82' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 133 jts. (5904.01')
 DEPTH LANDED: 5917.26' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP: 160'

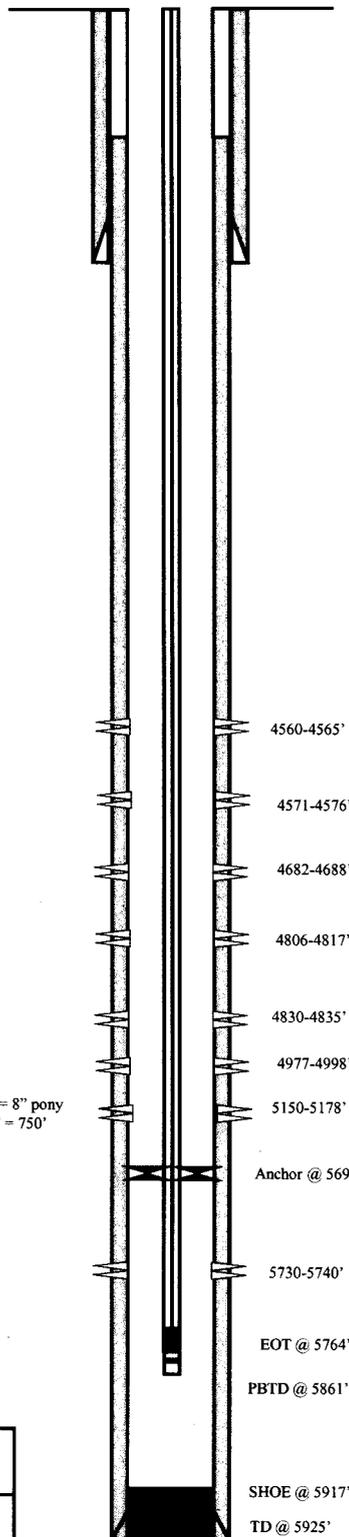
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 182 jts (5685.0')
 TUBING ANCHOR: 5697.0' KB
 NO. OF JOINTS: 1 jts (31.4')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5731.2' KB
 NO. OF JOINTS: 1 jts (31.7')
 TOTAL STRING LENGTH: EOT @ 5764' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 2 x 3/4" - 8' pony rod, 1 x 3/4" = 6' pony rod, 1 x 3/4" = 8" pony rod, 98-3/4" = 2450' guided rods, 93- 3/4" = 2325' sucker rods, 30- 3/4" = 750' guided rods, 6-1 1/2" = 150' weight bars
 PUMP SIZE: 2 1/2" x 1 1/4" x 12 x 16' RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5

Wellbore Diagram



FRAC JOB

06/25/07	5730-5740'	Frac CP5 sands as follows: 40069# 20/40 sand in 408 bbls Lightning 17 frac fluid. Treated @ avg press of 1945 psi w/avg rate of 24.7 BPM. ISIP 2163 psi. Calc flush: 5728 gal. Actual flush: 5208 gal.
06/26/07	5150-5178'	Frac LODC sands as follows: 126558# 20/40 sand in 899 bbls Lightning 17 frac fluid. Treated @ avg press of 2216 psi w/avg rate of 24.7 BPM. ISIP 2676 psi. Calc flush: 5148 gal. Actual flush: 4662 gal.
06/26/07	4977-4998'	Frac A1 sands as follows: 94957# 20/40 sand in 708 bbls Lightning 17 frac fluid. Treated @ avg press of 1623 psi w/avg rate of 24.7 BPM. ISIP 1945 psi. Calc flush: 4975 gal. Actual flush: 4494 gal.
06/26/07	4806-4835'	Frac B2 & B1 sands as follows: 61885# 20/40 sand in 508 bbls Lightning 17 frac fluid. Treated @ avg press of 1689 psi w/avg rate of 24.7 BPM. ISIP 1825 psi. Calc flush: 4804 gal. Actual flush: 4326 gal.
06/26/07	4682-4688'	Frac D3 sands as follows: 12609# 20/40 sand in 241 bbls Lightning 17 frac fluid. Treated @ avg press of 2133 psi w/avg rate of 24.7 BPM. ISIP 1776 psi. Calc flush: 4680 gal. Actual flush: 4221 gal.
06/26/07	4560-4565'	Frac D1 sands as follows: 16073# 20/40 sand in 246 bbls Lightning 17 frac fluid. Treated @ avg press of 1881 psi w/avg rate of 24.7 BPM. ISIP 1857 psi. Calc flush: 4558 gal. Actual flush: 4494 gal.

05/28/08 pump change. Updated rod and tubing details
 4560-4565' 6/21/2010 Parted rods. Updated rod and tubing detail.
 6/23/2010 Parted rods. Updated rod and tubing detail.
 3/15/11 Parted rods. Updated rod and tubing detail.

PERFORATION RECORD

06/21/07	5730-5740'	4 JSPF	40 holes
06/25/07	5150-5178'	4 JSPF	112 holes
06/26/07	4977-4998'	4 JSPF	84 holes
06/26/07	4830-4835'	4 JSPF	20 holes
06/26/07	4806-4817'	4 JSPF	44 holes
06/26/07	4682-4688'	4 JSPF	24 holes
06/26/07	4571-4576'	4 JSPF	20 holes
06/26/07	4560-4565'	4 JSPF	20 holes

NEWFIELD

FEDERAL 10-22-9-16

1736'FSL & 2137' FEL
 NW/SE Section 22-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33166; Lease # UTU-74392

FEDERAL 16-22-9-16

Spud Date: 08/27/07
 Put on Production: 10/10/07
 GL: 5800' KB: 5812'

Injection Wellbore Diagram

SURFACE CASING

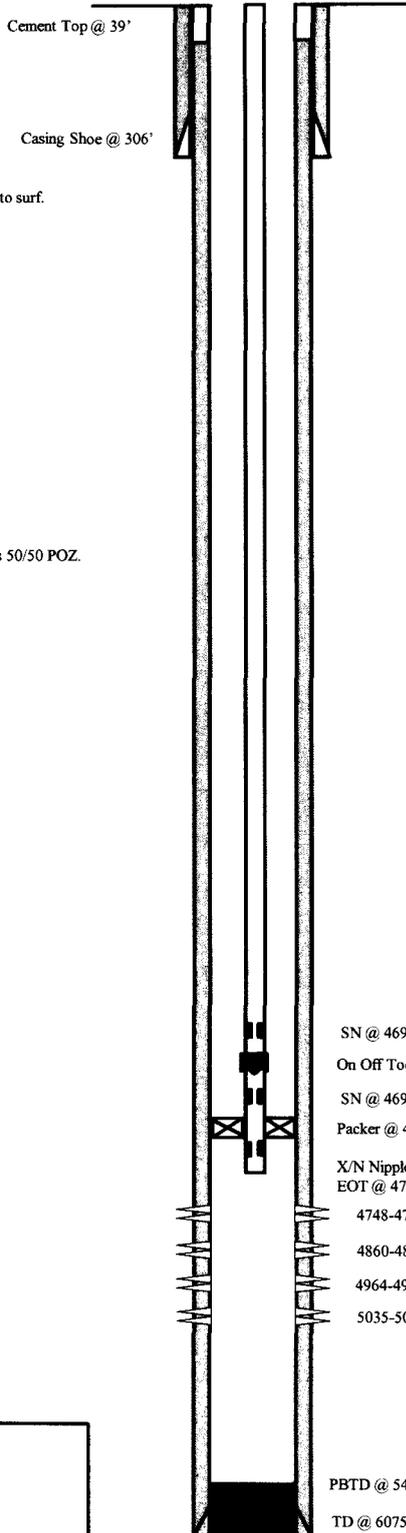
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (293.76')
 DEPTH LANDED: 305.61' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: ? jts. (')
 DEPTH LANDED: 6051' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sxs Prem. Lite II mixed & 525 sxs 50/50 POZ.
 CEMENT TOP: 39'

TUBING

SIZE/GRADE/WT.: 2-7/8" / N-80 / 6.5#
 NO. OF JOINTS: 42 jts (1309')
 SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 108 jts (3375.7')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4696.7' KB
 ON/OFF TOOL AT: 4697.8'
 X-SEAL LANDED AT: 4699.3' KB
 ARROW #1 PACKER CE AT: 4703.09'
 XO 2-3/8 x 2-7/8 J-55 AT: 4706.6'
 TBG PUP 2-3/8 J-55 AT: 4707.1'
 X/N NIPPLE AT: 4711.1'
 TOTAL STRING LENGTH: EOT @ 4713'



FRAC JOB

10/05/07	5035-5071'	Frac A1 sands as follows: 140366# 20/40 sand in 1008 bbl Lightning 17 frac fluid. Treated @ avg press of 1851 psi w/avg rate of 24.8 BPM. ISIP 2081 psi. Calc flush: 5033 gal. Actual flush: 4536 gal.
10/06/07	4964-4969'	Frac A.5 sands as follows: 15004# 20/40 sand in 274 bbls Lightning 17 frac fluid. Treated @ avg press of 2605 psi w/avg rate of 24.8 BPM. ISIP 1909 psi. Calc flush: 4962 gal. Actual flush: 4456 gal.
10/05/07	4860-4867'	Frac B2 sands as follows: 13965# 20/40 sand in 269 bbls Lightning 17 frac fluid. Treated @ avg press of 2130 psi w/avg rate of 24.8 BPM. ISIP 1925 psi. Calc flush: 4858 gal. Actual flush: 4355 gal.
10/05/07	4748-4760'	Frac C sands as follows: 41811# 20/40 sand in 406 bbls Lightning 17 frac fluid. Treated @ avg press of 2620 psi w/avg rate of 24.8 BPM. ISIP 2235 psi. Calc flush: 4746 gal. Actual flush: 4662 gal.
6/17/08		Parted rods. Updated rod and tubing detail
11/19/08		Pump Change. Updated rod & tubing details.
2/13/09		Tubing Leak. Updated r & t details.
6/18/2010		Tubing leak. Updated rod and tubing detail.
11/21/12		Convert to Injection Well
11/27/12		Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

10/02/07	5035-5071'	4 JSPF	144 holes
10/05/07	4964-4969'	4 JSPF	20 holes
10/05/07	4860-4867'	4 JSPF	28 holes
10/05/07	4748-4760'	4 JSPF	48 holes



FEDERAL 16-22-9-16
 2068' FSL & 649' FEL
 NE/SE Section 22-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33394; Lease # UTU-74392

Federal 3-27-9-16

Spud Date: 12/15/2008

Put on Production: 1/16/2009

GL: 5878' KB: 5890'

Injection Wellbore Diagram

SURFACE CASING

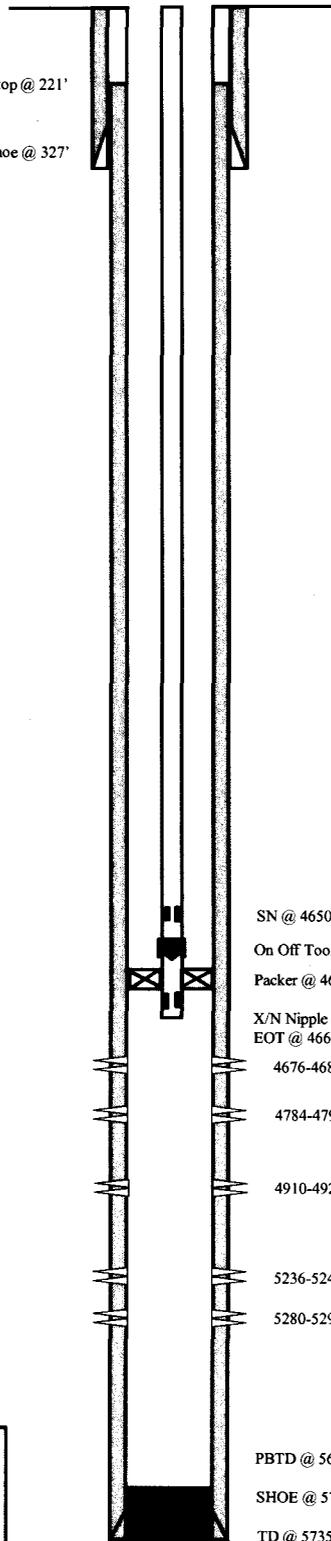
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (314.71')
 DEPTH LANDED: 326.56' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 145 jts (5719.92')
 DEPTH LANDED: 5733.17'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 280 sx premlite and 400 sx 50/50 poz
 CEMENT TOP AT: 221'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 148 jts (4639.8')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4649.8' KB
 ON/OFF TOOL AT: 4650.9'
 ARROW #1 PACKER CE AT: 4656.3'
 XO 2-3/8 x 2-7/8 J-55 AT: 4659.7'
 TBG PUP 2-3/8 J-55 AT: 4660.2'
 X/N NIPPLE AT: 4664.3'
 TOTAL STRING LENGTH: EOT @ 4666'



FRAC JOB

1/13/09	5236-5294'	RU BJ & frac CP sds as follows: 59,884# 20/40 sand in 518 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1850 @ ave rate of 23 bpm w/ 8 ppg of sand. ISIP was 2205. Actual flush: 4729 gals.
1/13/09	4910-4921'	RU BJ & frac stage #2 sds as follows: 40,194# 20/40 sand in 417 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2400 @ ave rate of 23 bpm w/ 8 ppg of sand. ISIP was 2404. Actual flush: 4468 gals.
1/13/09	4784-4790'	RU BJ & frac stage #3 sds as follows: 35,105# 20/40 sand in 379 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2150 @ ave rate of 23 bpm w/ 8 ppg of sand. ISIP was 2056. Actual flush: 4342 gals.
1/14/09	4676-4682'	RU BJ & frac stage #4 sds as follows: 36,549# 20/40 sand in 404 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2148 @ ave rate of 23 bpm w/ 8 ppg of sand. ISIP was 1951. Actual flush: 4590 gals.
3/9/09		Parted Rods. Updated r & t details.
7/22/09		Tubing Leak. Updated rod & tubing details.
12/05/12		Convert to Injection Well
12/06/12		Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

1/14/09	4676-4682'	4 JSPF	24 holes
1/13/09	4784-4790'	4 JSPF	24 holes
1/13/09	4910-4921'	4 JSPF	44 holes
1/13/09	5236-5248'	4 JSPF	48 holes
1/13/09	5280-5294'	4 JSPF	56 holes

NEWFIELD

Federal 3-27-9-16
 883' FNL & 1839' FWL
 NE/NW Section 27-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33352 ; Lease # UTU-74392

Federal 2-27-9-16

Spud Date: 12/16/2008
 Put on Production: 4/17/2009
 GL: 5863' KB: 5875'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (316.35')
 DEPTH LANDED: 326.35'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class 'G' cmt, circ 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 147 jts (5734.47')
 DEPTH LANDED: 5732.47'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 280 sxs Premlite II & 400 sx 50/50 POZ., circ. 10 bbls to surf.
 CEMENT TOP: 246' per CBL 4/7/09

TUBING (KS 5/31/12)

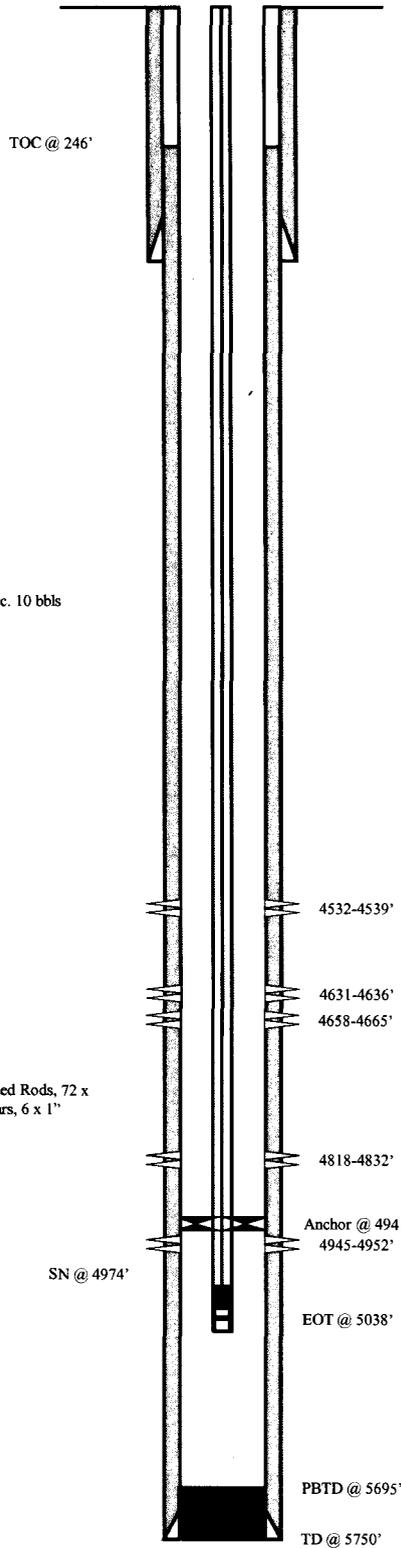
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 156 jts (4928.5')
 TUBING ANCHOR: 4940.5'
 NO. OF JOINTS: 1 jt (30.8')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4974.10'
 NO. OF JOINTS: 2 jts (62.2')
 TOTAL STRING LENGTH: EOT @ 5038'

SUCKER RODS (KS 5/31/12)

POLISHED ROD: 1-1/2" x 26' Polished Rod
 SUCKER RODS: 2', 4', 6' x 3/4" Pony Rods, 99 x 3/4" 4per Guided Rods, 72 x 3/4" Slick Rods, 20 x 3/4" 4per Guided Rods, 6 x 1-1/2" Sinker Bars, 6 x 1' Stabilizer Pony
 PUMP SIZE: 2-1/2" x 1-1/4" x 14' x 16' RHAC pump
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 3.9
 PUMPING UNIT: DARCO C-228-213-86

FRAC JOB

4/9/2009 4945-4952' Frac LODC sds as follows:
 15,387#s of 20/40 sand in 295 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2803 psi w/ ave rate of 24.4 BPM. ISIP 2884.



PERFORATION RECORD

Date	Interval	Tool	Holes
4/9/09	4945-4952'	4 JSPF	28 holes
4/9/09	4818-4832'	4 JSPF	56 holes
4/9/09	4631-4636'	4 JSPF	20 holes
4/9/09	4658-4665'	4 JSPF	28 holes
4/9/09	4532-4539'	4 JSPF	28 holes

NEWFIELD

Federal 2-27-9-16

612' FNL & 2093' FEL

NW/NE Section 27-T9S-R16E

Uintah Co, Utah

API # 43-013-33351; Lease # UTU-74392

43-013-52444

Well Name: GMBU P-22-9-16

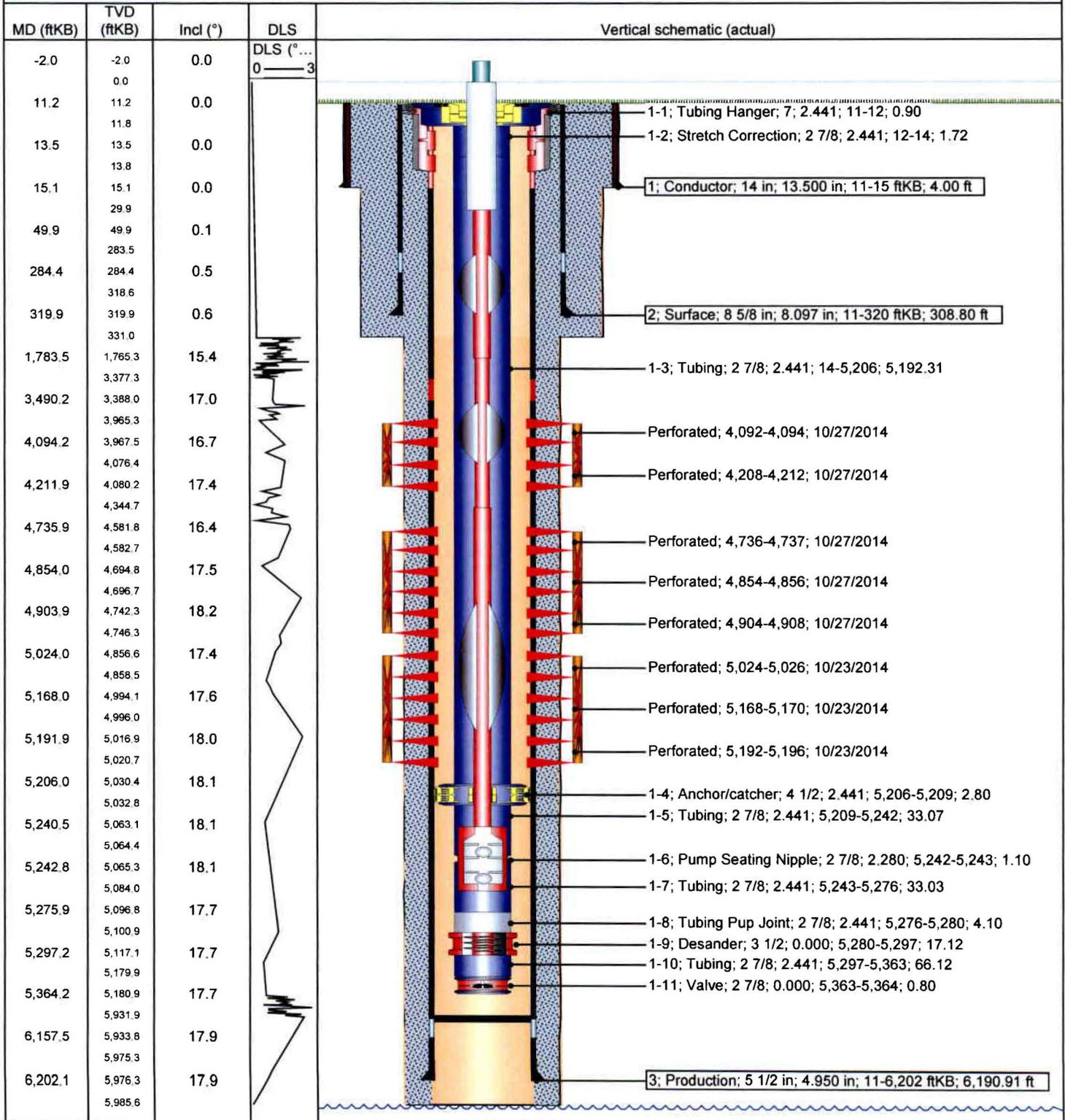
Surface Legal Location SESE 657 FSL 813 FEL Sec 21 T9S R16E				API/UWI 43013524940000	Well RC 500385699	Lease UTU74392	State/Province Utah	Field Name GMBU CTB6	County Duchesne
Spud Date 9/16/2014	Rig Release Date 10/8/2014	On Production Date 10/31/2014	Original KB Elevation (ft) 6,042	Ground Elevation (ft) 6,031	Total Depth All (TVD) (ftKB) Original Hole - 5,985.7		PBTd (All) (ftKB) Original Hole - 6,155.6		

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 10/23/2014	Job End Date 10/31/2014
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TD: 6,212.0

Slant - Original Hole, 12/1/2014 11:40:40 AM



43-013-52543

Well Name: GMBU U-21-9-16

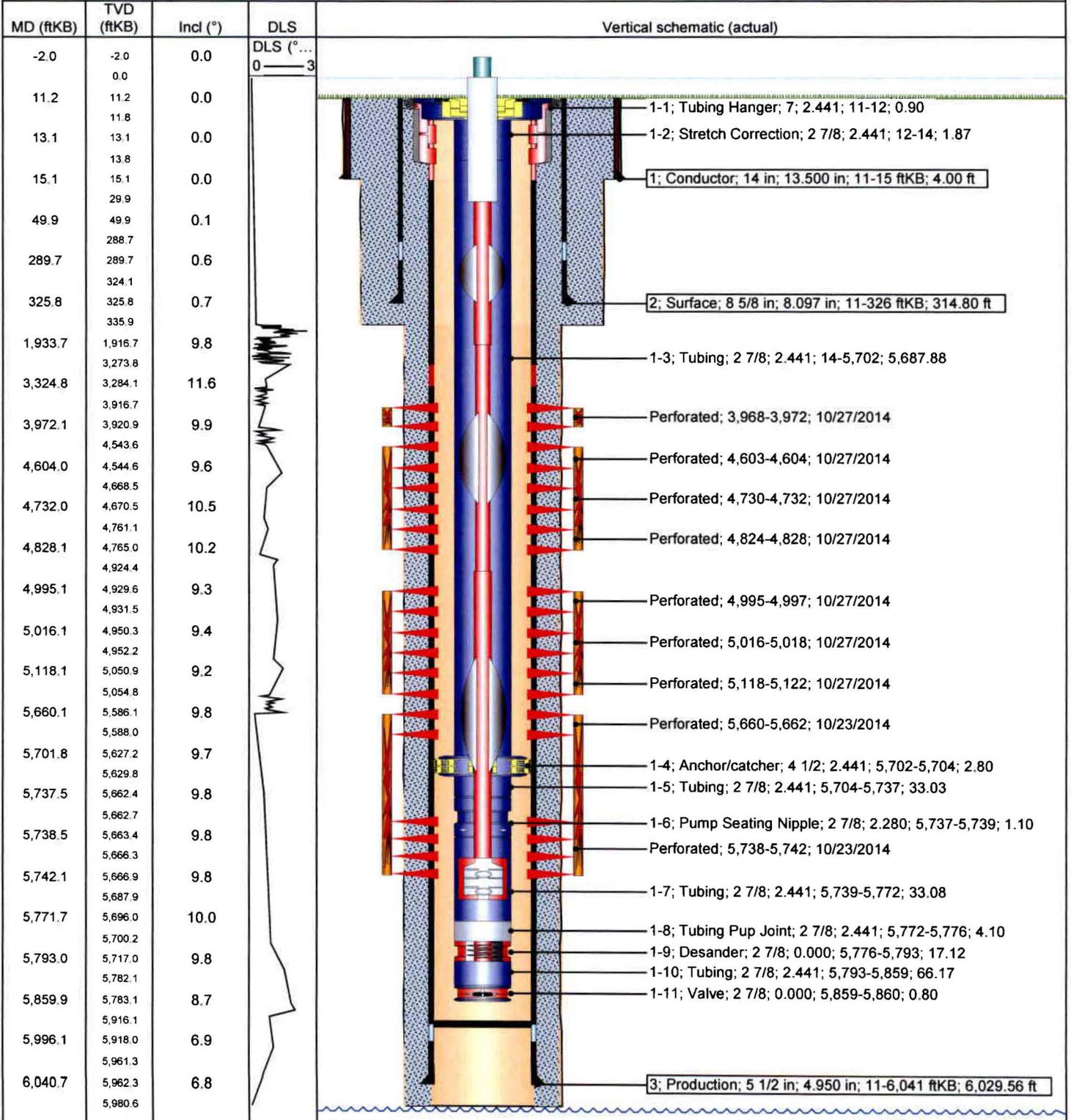
Surface Legal Location SESE 638 FSL 820 FEL Sec 21 T9S R16E			API/UWI 43013525430000	Well RC 500367234	Lease UTU74392	State/Province Utah	Field Name GMBU CTB6	County Duchesne
Spud Date 9/15/2014	Rig Release Date 10/5/2014	On Production Date 10/31/2014	Original KB Elevation (ft) 6,042	Ground Elevation (ft) 6,031	Total Depth All (TVD) (ftKB) Original Hole - 5,980.5	PBTD (All) (ftKB) Original Hole - 5,994.2		

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 10/23/2014	Job End Date 10/30/2014
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TD: 6,059.0

Slant - Original Hole, 12/1/2014 11:39:23 AM



Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**

Sales Rep: **Pete Prodromides**

Well Name: **FEDERAL 14-22-9-16**

Lab Tech: **John Keel**

Sample Point:

Sample Date: **1/24/2014**

Sample ID: **WA-264579**

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:	1/24/2014	Sodium (Na):	8102.00	Chloride (Cl):	15000.00
System Temperature 1 (°F):	120	Potassium (K):	43.50	Sulfate (SO4):	115.00
System Pressure 1 (psig):	60	Magnesium (Mg):	8.30	Bicarbonate (HCO3):	1952.00
System Temperature 2 (°F):	210	Calcium (Ca):	11.10	Carbonate (CO3):	
System Pressure 2 (psig):	60	Strontium (Sr):	9.10	Acetic Acid (CH3COO)	
Calculated Density (g/ml):	1.014	Barium (Ba):	17.00	Propionic Acid (C2H5COO)	
pH:	9.50	Iron (Fe):	1.56	Butanoic Acid (C3H7COO)	
Calculated TDS (mg/L):	25260.11	Zinc (Zn):	0.03	Isobutyric Acid ((CH3)2CHCOO)	
CO2 in Gas (%):		Lead (Pb):	0.00	Fluoride (F):	
Dissolved CO2 (mg/L):	0.00	Ammonia NH3:		Bromine (Br):	
H2S in Gas (%):		Manganese (Mn):	0.52	Silica (SiO2):	
H2S in Water (mg/L):	25.00				

Notes:

AI=.05

L=1.8

B=8.6

(PTB = Pounds per Thousand Barrels)

Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	1.90	9.59	0.95	8.88	4.13	0.86	2.91	1.13	0.00	0.00	0.00	0.00	0.00	0.00	9.22	0.01
200.00	60.00	1.86	9.58	0.97	8.93	4.14	0.86	2.88	1.13	0.00	0.00	0.00	0.00	0.00	0.00	9.33	0.01
190.00	60.00	1.82	9.57	0.99	8.99	4.15	0.86	2.84	1.13	0.00	0.00	0.00	0.00	0.00	0.00	9.44	0.01
180.00	60.00	1.79	9.55	1.02	9.06	4.16	0.86	2.81	1.13	0.00	0.00	0.00	0.00	0.00	0.00	9.55	0.01
170.00	60.00	1.75	9.54	1.05	9.13	4.18	0.86	2.77	1.13	0.00	0.00	0.00	0.00	0.00	0.00	9.67	0.01
160.00	60.00	1.72	9.52	1.08	9.21	4.20	0.86	2.73	1.13	0.00	0.00	0.00	0.00	0.00	0.00	9.80	0.01
150.00	60.00	1.69	9.51	1.13	9.29	4.23	0.86	2.69	1.13	0.00	0.00	0.00	0.00	0.00	0.00	9.93	0.01
140.00	60.00	1.66	9.50	1.17	9.37	4.26	0.86	2.64	1.13	0.00	0.00	0.00	0.00	0.00	0.00	10.07	0.01
130.00	60.00	1.63	9.48	1.22	9.45	4.30	0.86	2.60	1.13	0.00	0.00	0.00	0.00	0.00	0.00	10.22	0.01
120.00	60.00	1.60	9.47	1.28	9.54	4.35	0.86	2.55	1.13	0.00	0.00	0.00	0.00	0.00	0.00	10.38	0.01

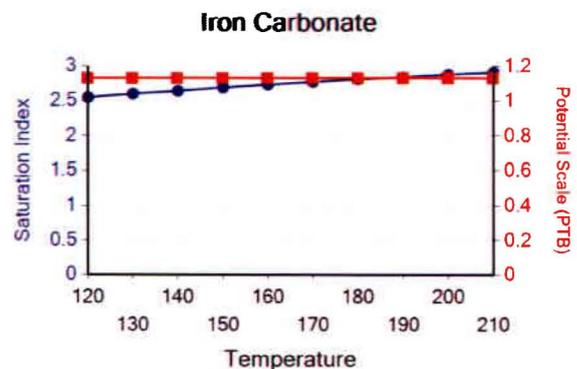
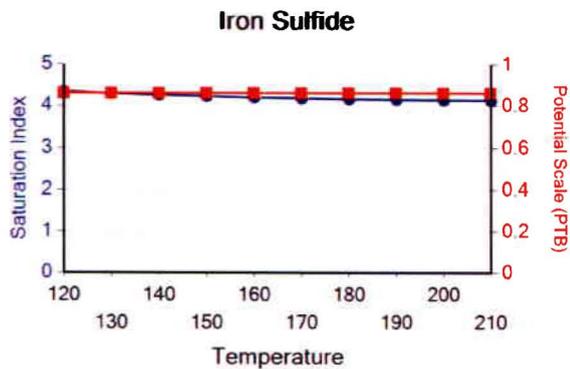
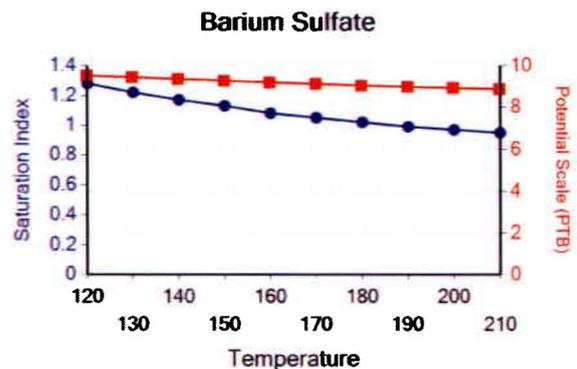
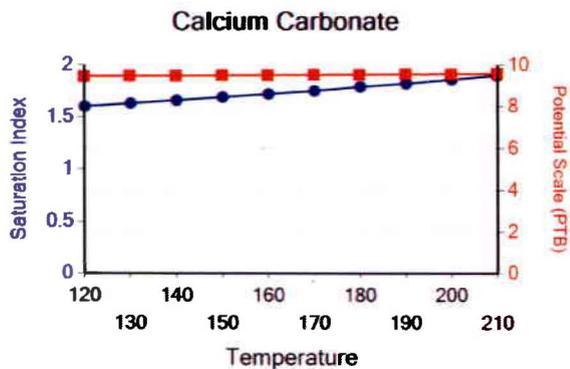
2015

Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO4·0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.27	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.14	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.07	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	0.99	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.81	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.01	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	0.50	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

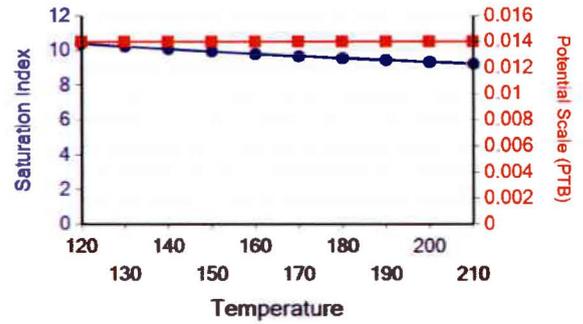
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate

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

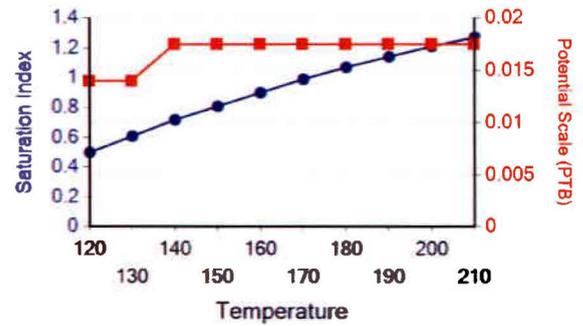


Water Analysis Report

Zinc Sulfide



Zinc Carbonate



Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
 Well Name: **WELLS DRAW INJ FACILITY**
 Sample Point: **Commingled After Filter**
 Sample Date: **11/18/2013**
 Sample ID: **WA-259493**

Sales Rep: **Jacob Bird**
 Lab Tech: **Gary Winegar**

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

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations		Anions	
		mg/L		mg/L	
Test Date:	11/26/2013	Sodium (Na):	141.00	Chloride (Cl):	1000.00
System Temperature 1 (°F):	120	Potassium (K):	39.00	Sulfate (SO4):	41.00
System Pressure 1 (psig):	2000	Magnesium (Mg):	24.00	Bicarbonate (HCO3):	1122.00
System Temperature 2 (°F):	210	Calcium (Ca):	41.00	Carbonate (CO3):	
System Pressure 2 (psig):	2000	Strontium (Sr):	0.70	Acetic Acid (CH3COO)	
Calculated Density (g/ml):	0.999	Barium (Ba):	0.00	Propionic Acid (C2H5COO)	
pH:	6.50	Iron (Fe):	0.11	Butanoic Acid (C3H7COO)	
Calculated TDS (mg/L):	2413.76	Zinc (Zn):	0.03	Isobutyric Acid ((CH3)2CHCOO)	
CO2 in Gas (%):		Lead (Pb):	0.00	Fluoride (F):	
Dissolved CO2 (mg/L):	24.00	Ammonia NH3:		Bromine (Br):	
H2S in Gas (%):		Manganese (Mn):	0.00	Silica (SiO2):	4.92
H2S in Water (mg/L):	0.00				

Notes:

B=4 AI=18 LI=0

(PTB = Pounds per Thousand Barrels)

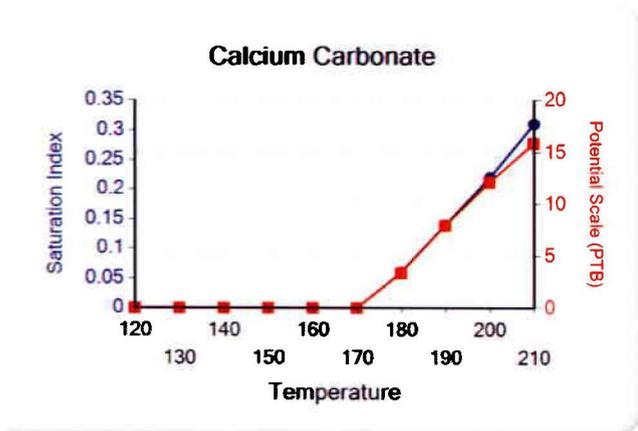
Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	2000.00	0.31	15.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	2000.00	0.22	12.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	2000.00	0.14	7.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	2000.00	0.06	3.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO4*0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

These scales have positive scaling potential under final temperature and pressure:



Attachment "G"

**Federal #14-22-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5620	5626	5623	2525	0.88	2488
5410	5416	5413	2134	0.83	2099
4999	5005	5002	2986	1.03	2954
4680	4690	4685	2056	0.87	2026 ←
				Minimum	<u><u>2026</u></u>

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

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

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

Daily Activity Report

Format For Sundry

FEDERAL 14-22-9-16**4/1/2007 To 8/30/2007****6/8/2007 Day: 1****Completion**

Rigless on 6/7/2007 - 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 @ 5713' & cement top @ 104'. Perforate stage #1. CP5 sds @ 5620-5626' w/ 3 1/8" Slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 24 shots. 136 BWTR. SIFN.

6/18/2007 Day: 2**Completion**

Rigless on 6/17/2007 - RU BJ Services "Ram Head" frac flange. RU BJ & frac CP5 sds, stage #1 down casing w/ 14,228#'s of 20/40 sand in 265 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 3026 psi, Treated @ ave pressure of 2740 w/ ave rate of 27 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2525. 401 bbls EWTR. Leave pressure on well. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" solid composite (6K) frac plug & 6' perf gun. Set plug @ 5515'. Perforate CP2 sds @ 5410-5416' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 spf for total of 24 shots. RU BJ & perfs won't break down. RIH & spot 10 gals of 15% HCL acid on perfs. RU BJ & frac stage #2 w/ 19,400#'s of 20/40 sand in 298 bbls of Lightning 17 frac fluid. Open well w/ 1360 psi on casing. Perfs broke down @ 3480 psi. Treated @ ave pressure of 2147 w/ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2134. 699 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ flow through frac plug & 11', 6' perf guns. Set plug @ 5160'. Perforate LODC sds @ 5045-56', 4999-5005' w/ 4 spf for total of 68 shots. RU BJ & frac stage #3 w/ 55,118#'s of 20/40 sand in 482 bbls of Lightning 17 frac fluid. Open well w/ 1775 psi on casing. Perfs broke down @ 3814 psi. Treated @ ave pressure of 2856 w/ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2986. 1181 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ solid frac plug & 10' perf gun. Set plug @ 4792'. Perforate B1 sds @ 4680-90' w/ 4 spf for total of 40 shots. RU BJ & frac stage #4 w/ 61,337#'s of 20/40 sand in 472 bbls of Lightning 17 frac fluid. Open well w/ 816 psi on casing. Perfs broke down @ 3687 psi. Treated @ ave pressure of 1703 w/ ave rate of 24.8 bpm w/ 8 ppg of sand. ISIP was 2056. 1653 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 4 hours & died w/ 300 bbls rec'd. SIFN.

6/19/2007 Day: 3**Completion**

NC #1 on 6/18/2007 - 12:30PM MIRU NC#1, N/D 10,000 BOP & Frac Flng, N/U 3,000 Flng & 5,000 BOP, P/U & RIH W/-4 3/4 Bit, Bit Sub, 110 Jts Tbg, EOB @ 3435', SWI, 6:30PM C/SDFN.

6/20/2007 Day: 4**Completion**

NC #1 on 6/19/2007 - 6:30AM OWU, RIH W/-41 Jts Tbg To Fill @ 4698', R/U Nabors Pwr Swvl, R/U R/pmp & C/Out To Plg @ 4792', Drill Up Plg, Swvl I/Hle To Fill @ 5129', C/Out To Plg @ 5160', Drill Up Plg, Swvl I/Hle To Fill @ 5407', C/Out To Plg @ 5515', Drill Up Plg, Swvl I/Hle To Fill @ 5664', C/Out To PBDT @ 5740.49 KB, Curc Well Clean 45 Min, R/D Swvl, POOH W/-4 Jts Tbg, EOB @ 5618', R/U Swab, RIH IFL

@ Surf, Made 12 Swab Runs, Recvred 138 Bbls Wtr, Lite Trce Sand, Lite Trce Oil, FFL @ 1800', SWI, 6;30 PM C/SDFN. Lost 23 Bbls Wtr On C/Out To PBTD, Recvred 138 Bbls Wtr Swabbing, Total Recvery For Day = 115 Bbls.

6/21/2007 Day: 5

Completion

NC #1 on 6/20/2007 - 6:30AM OWU, RIH W/-4Jts Tbg To Fill @ 5735', R/U R/pmp & C/Out To PBTD @ 5740.49', Curc Well Clean, POOH W/-184 Jts Tbg Bit Sub & Bit. P/U & RIH W/-Tbg Production Detail Shown Below. N/D BOP, Set T/A In 15,000 Tension, N/U W/-HD. R/U R/pmp & Fish Tbg W/-60 Bbls Wtr. P/U Stroke & RIH W/-CDI-2 1/2x1 1/2x12x14 1/2' RHAC & Rod String Shown Below. R/U Unit, Hole Standing Full, Stroke Unit & Tbg To 800 Psi, Good Test, R/D Eq, R/D Rig, POP @ 6;00PM, 86" SL, 5 SPM, Lost 17 Bbls Wtr On Curc Out To PBTD, (Final Report).

Pertinent Files: Go to File List

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4630'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 170' 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 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 44 sx Class "G" cement down 5 ½" casing to 370'

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

Spud Date: 4-25-07
 Put on Production: 6-22-07
 GL: 5894' KB: 5906'

Fed. #14-22-9-16

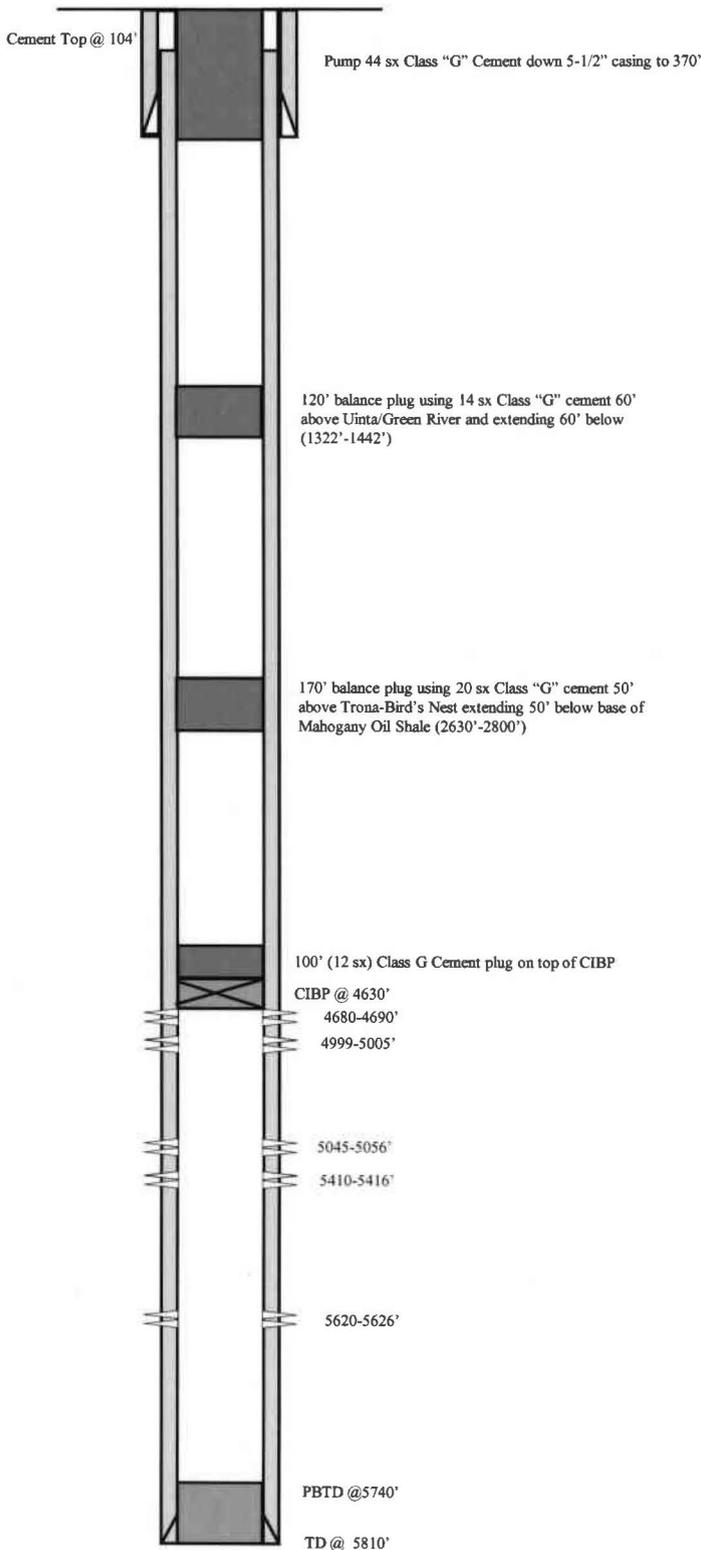
Proposed P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (309.02')
 DEPTH LANDED: 320.87' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: To surface with 160 sx Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 142 jts. (6165.44')
 DEPTH LANDED: 5793.94' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sx Prem. Lite II & 400 sx 50/50 Poz.
 CEMENT TOP: 104'



NEWFIELD



Federal 14-22-9-16
477' FSL and 1988' FWL
SE/SW Sec. 22, T9S, 16E
Duchesne Co, Utah
API #43-013-33147 ; Lease #UTU-74392