



February 17, 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: 1-19-9-16, 2-19-9-16, 3-19-9-16, 4-19-9-16,
1-20-9-16, 3-20-9-16, 9-20-9-16, and 4-21-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed Federal 1-19-9-16 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
FEB 21 2006
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.
UTU-64379

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

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

8. Lease Name and Well No.
Federal 2-19-9-16

9. API Well No.
43-013-33063

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
NW/NE Sec. 19, 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 NW/NE 821' FNL 2093' FEL 57/738X 40.021476
At proposed prod. zone 44302694 710.154343

14. Distance in miles and direction from nearest town or post office*
Approximatley 13.7 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. 2093' f/lse, NA' f/unit
Approx. 1507'

16. No. of Acres in lease
1626.36

17. Spacing Unit dedicated to this well
40 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1507'

19. Proposed Depth
5875'

20. BLM/BIA Bond No. on file
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5966' GL

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

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

24. Attachments

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

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

25. Signature *Mandie Crozier* Name (Printed/Typed) Mandie Crozier Date 2/17/06

Title Regulatory Specialist

Approved by (Signature) *Bradley Hill* Name (Printed/Typed) BRADLEY G. HILL Date 02-23-06

Title Office ENVIRONMENTAL MANAGER

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

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

*(Instructions on reverse)

Federal Approval of this Action is Necessary

RECEIVED

FEB 21 2006

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
FEDERAL #2-19-9-16
NW/NE SECTION 19, 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' – 2440'
Green River	2440'
Wasatch	5875'

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

Green River Formation 2440' – 5875' - 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 #2-19-9-16
NW/NE SECTION 19, 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 #2-19-9-16 located in the NW 1/4 NE 1/4 Section 19, 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 - 12.1 miles \pm to it's junction with the beginning of the proposed access road to the southwest; proceed southwesterly along the proposed access road - 100' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #05-225, 7/13/05. Paleontological Resource Survey prepared by, Wade E. Miller, 11/10/05. See attached report cover pages, Exhibit "D".

For the Federal #2-19-9-16 Newfield Production Company requests 100' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 100' of disturbed area be granted in Lease UTU-64379 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

Golden Eagle: Due to this proposed well access roads proximity (less that 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between March 1 and May 15. If the nest remains inactive on May 15th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location between May 15 and March 1 of the following year. If the nest site becomes active prior to May 15, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Sage Grouse: If new construction or surface disturbing activities are scheduled to occur between March 1 and June 30, detailed surveys of the area within 0.5 mile of the proposed location must

be conducted to detect the presence of sage grouse. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Elk and Deer winter range: No new construction or surface disturbing activities will be allowed Dec. 1st and April 30th.

Reserve Pit Liner

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

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

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

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

Details of the On-Site Inspection

The proposed Federal #2-19-9-16 was on-sited on 11/3/05. The following were present; Shon Mckinnon (Newfeild Production), Melissa Hawk (Bureau of Land Management), and Amy Torres (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

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

Representative

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

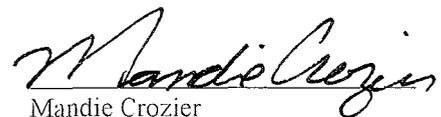
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #2-19-9-16 NW/NE Section 19, Township 9S, Range 16E: Lease UTU-64379 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

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

2/17/06

Date

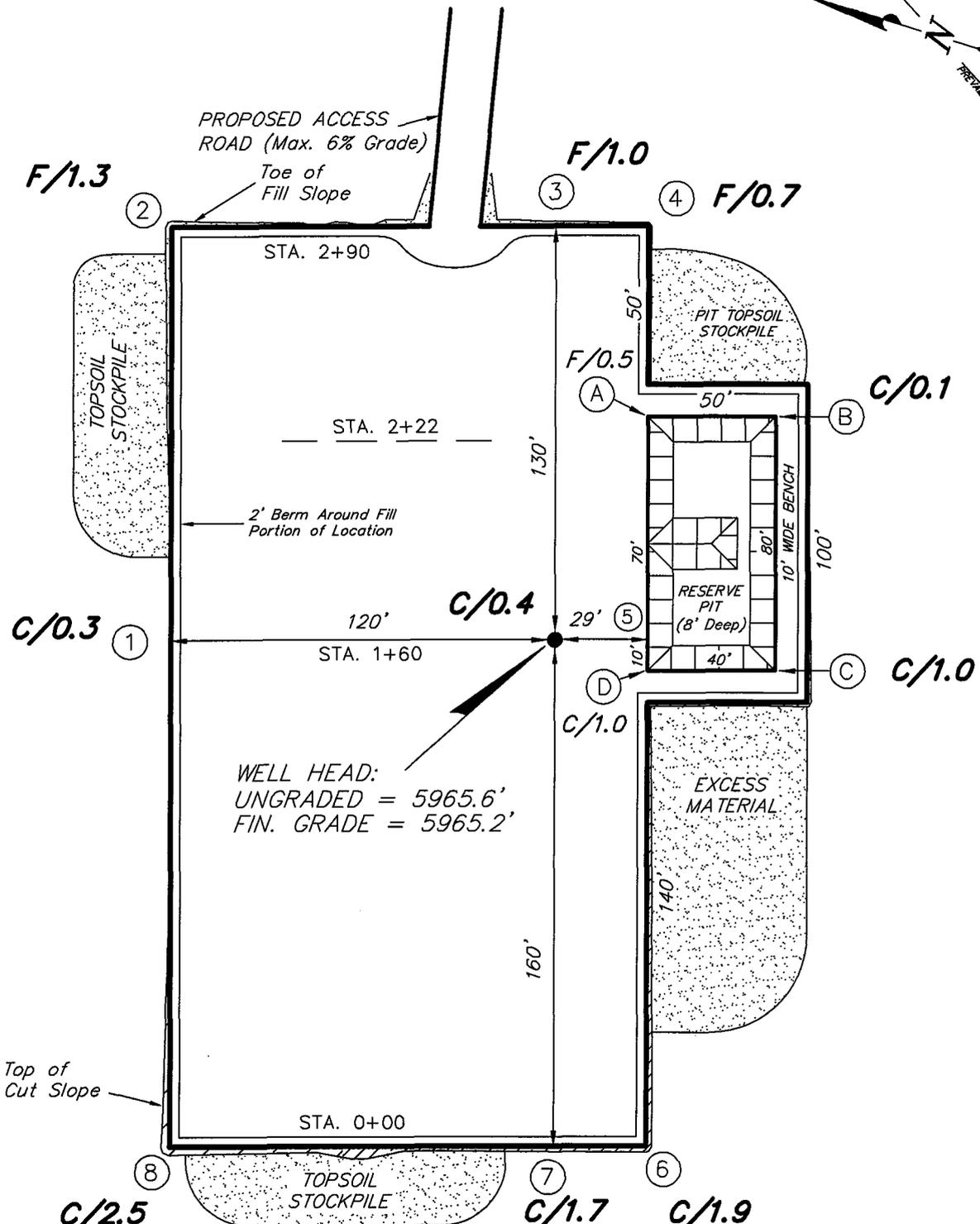
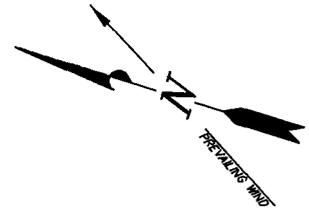


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 2-19-9-16

Section 19, T9S, R16E, S.L.B.&M.



WELL HEAD:
 UNGRADED = 5965.6'
 FIN. GRADE = 5965.2'

REFERENCE POINTS

- 210' WESTERLY = 5967.5'
- 260' WESTERLY = 2967.7'
- 170' NORTHERLY = 5964.3'
- 220' NORTHERLY = 5965.0'

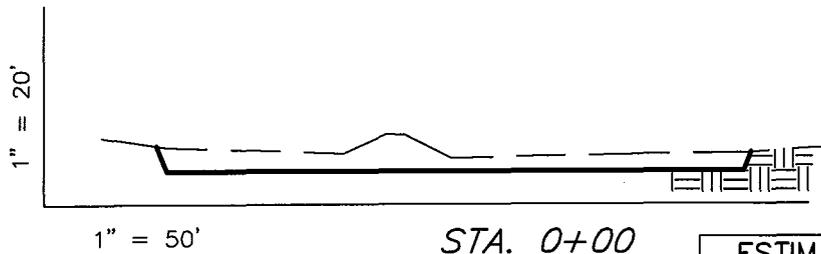
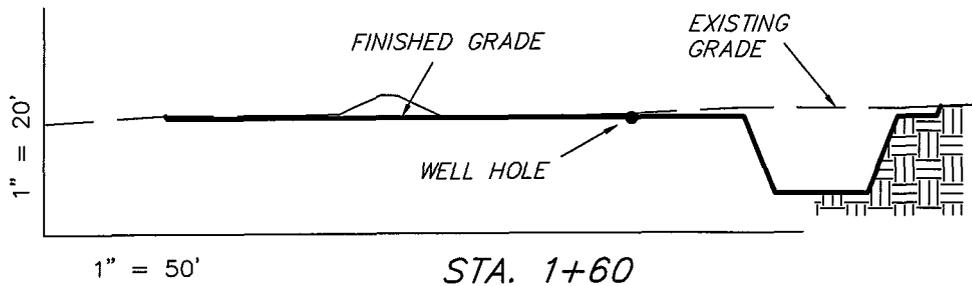
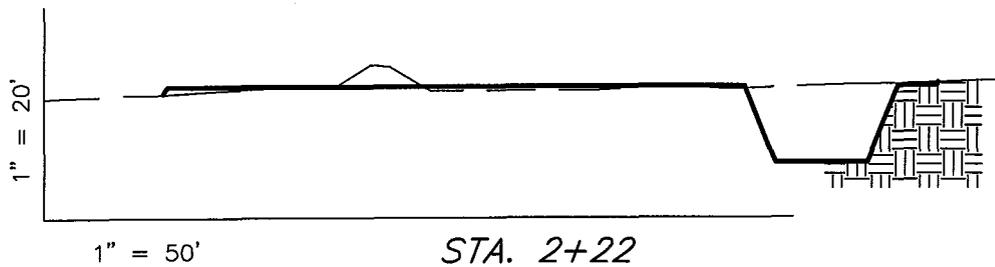
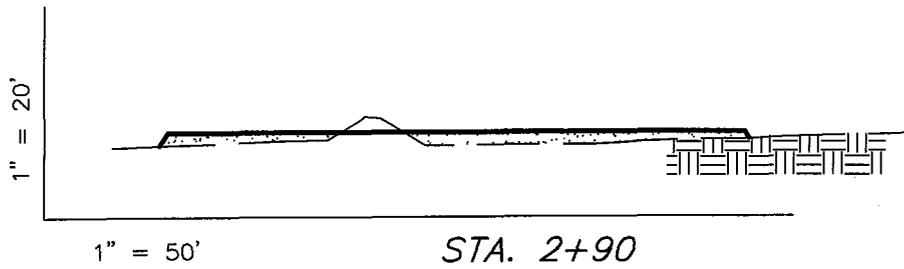
SURVEYED BY: C.M.	SCALE: 1" = 50'	<p style="text-align: right; font-size: small;">(435) 781-2501</p>
DRAWN BY: M.W.	DATE: 01-06-06	

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 2-19-9-16



ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	760	570	Topsoil is not included in Pad Cut	190
PIT	640	0		640
TOTALS	1,400	570	920	830

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

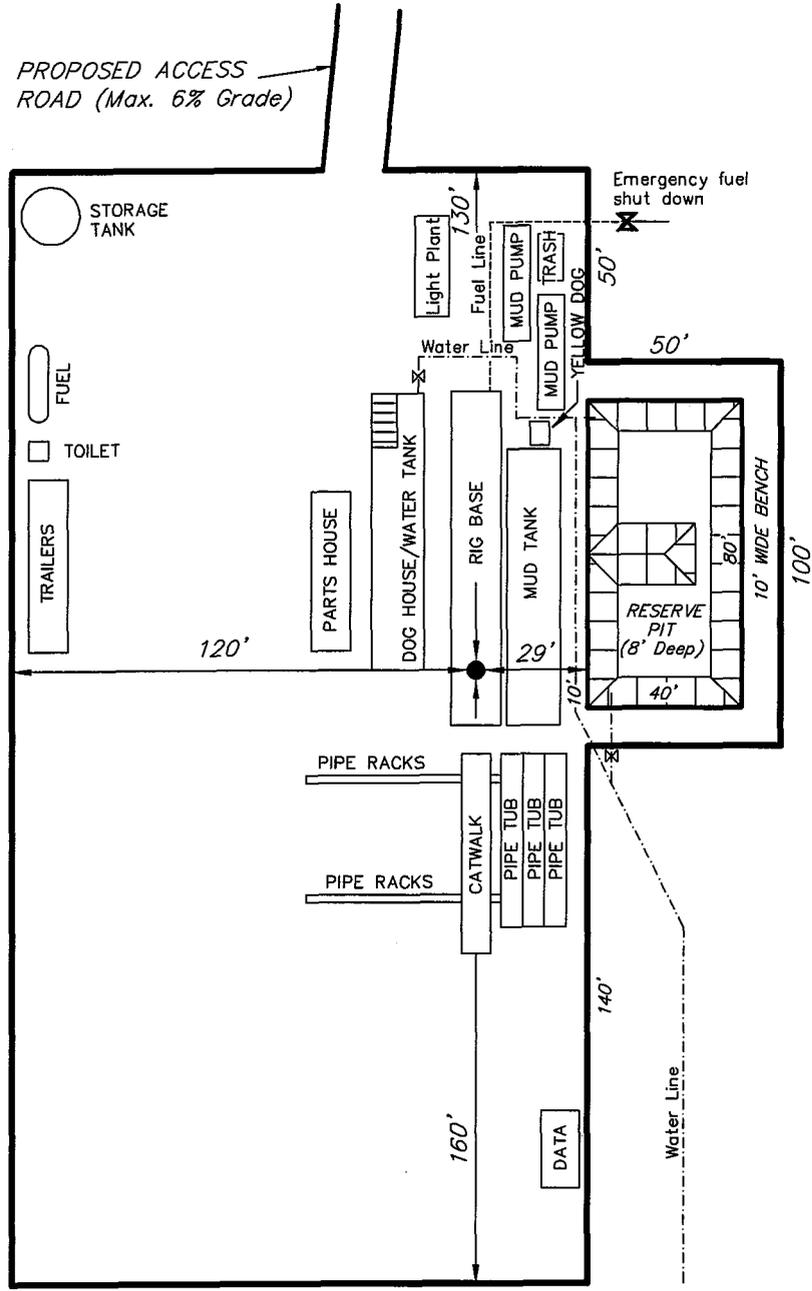
SURVEYED BY: C.M.	SCALE: 1" = 50'
DRAWN BY: M.W.	DATE: 01-06-06

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

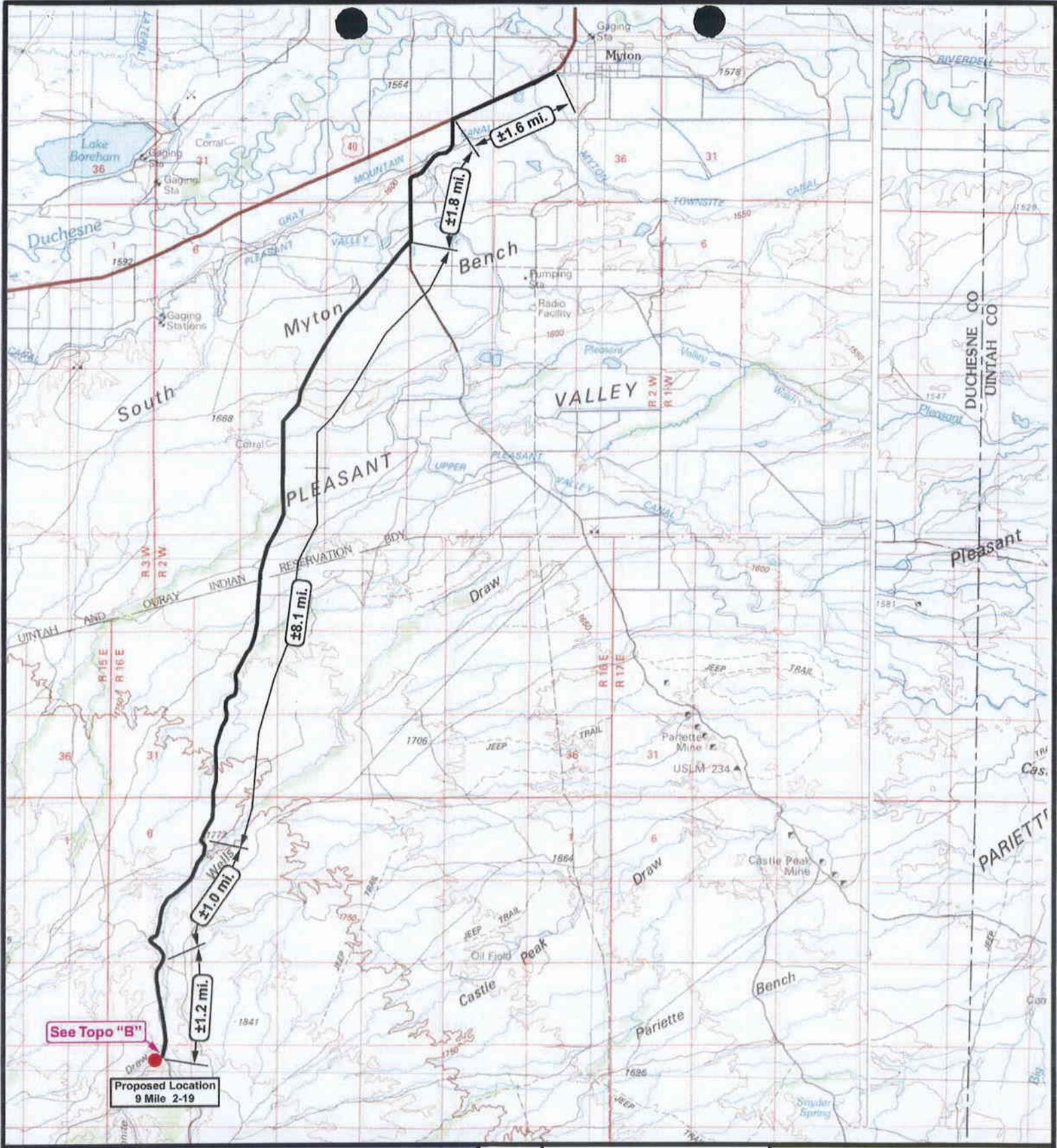
NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

9 MILE 2-19-9-16



SURVEYED BY: C.M.	SCALE: 1" = 50'	Tri State Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078 (435) 781-2501
DRAWN BY: M.W.	DATE: 01-06-06	



See Topo "B"

Proposed Location
9 Mile 2-19

NEWFIELD
Exploration Company

9 Mile 2-19-9-16
SEC. 19, T9S, R16E, S.L.B.&M.



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

SCALE: 1" = 100,000
DRAWN BY: mw
DATE: 01-09-2006

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP
"A"

J-74826

U-30090

U-034217A

UTU-73087

UTU-73086

U-020255

U-020254

UTU-74390

UTU-79833

UTU-77388

UTU-64379

UTU

UTU-64379

U-52018

Myton ±12.5 mi.

±1.2 mi.

± 100'

Proposed Location
9 Mile 2-19



NEWFIELD
Exploration Company

9 Mile 2-19-9-16
SEC. 19, T9S, R16E, S.L.B.&M.



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

SCALE: 1" = 2000'

DRAWN BY: mw

DATE: 01-09-2006

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP

"B"

J-74826

U-30096

U-034217A

UTU-73087

UTU-73086

U-020255

UTU-74390

UTU-79833

UTU-64379

UTU-64379

U-52018

Proposed Location
9 Mile 2-19

Tie in at Existing
Pipeline

± 100'



NEWFIELD
Exploration Company

9 Mile 2-19-9-16
SEC. 19, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501

180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'

DRAWN BY: mw

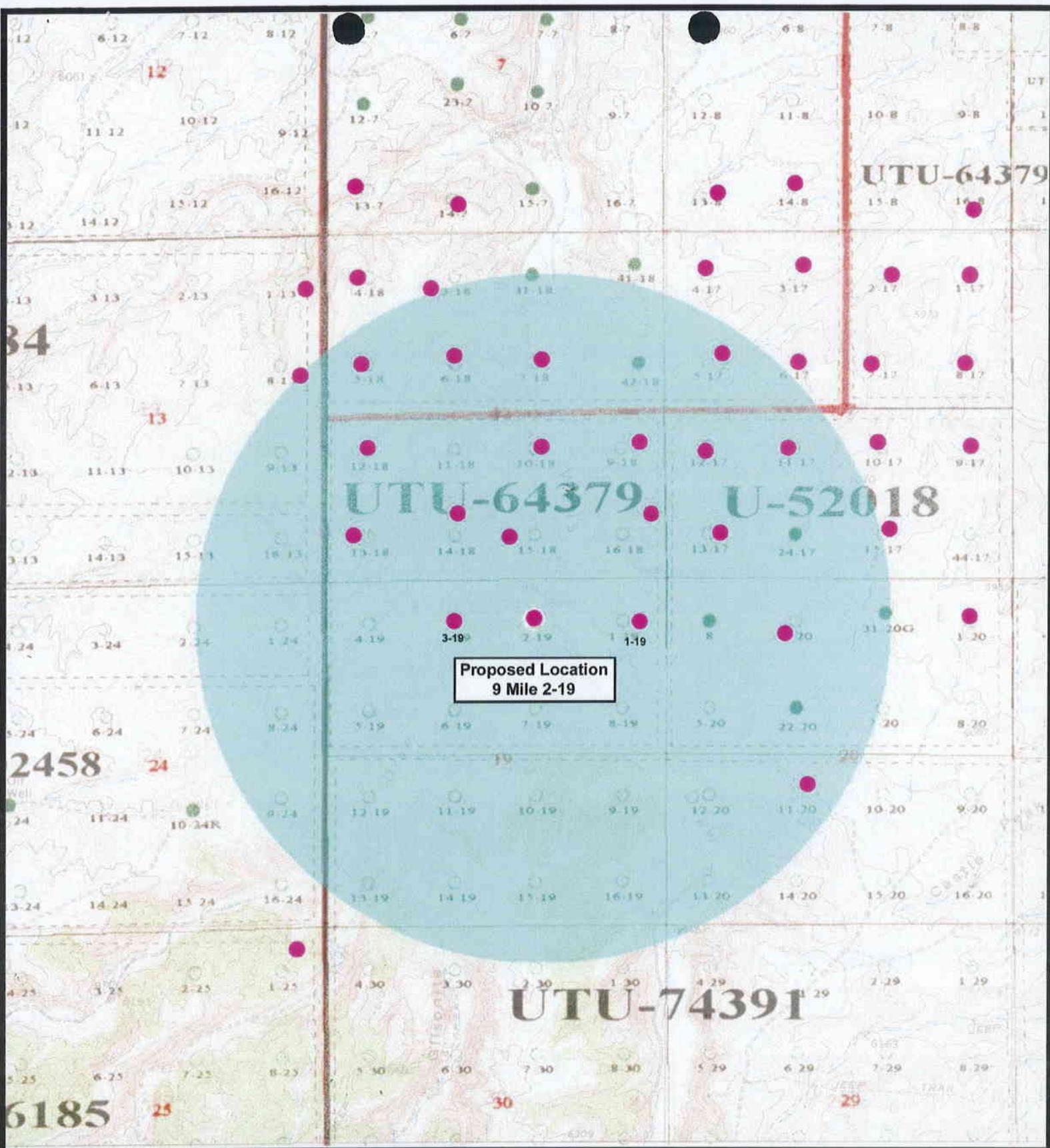
DATE: 01-09-2006

Legend

- Roads
- Proposed Gas Line

TOPOGRAPHIC MAP

"C"



**Proposed Location
9 Mile 2-19**

 **NEWFIELD**
Exploration Company

9 Mile 2-19-9-16
SEC. 19, T9S, R16E, S.L.B.&M.



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

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 01-09-2006

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

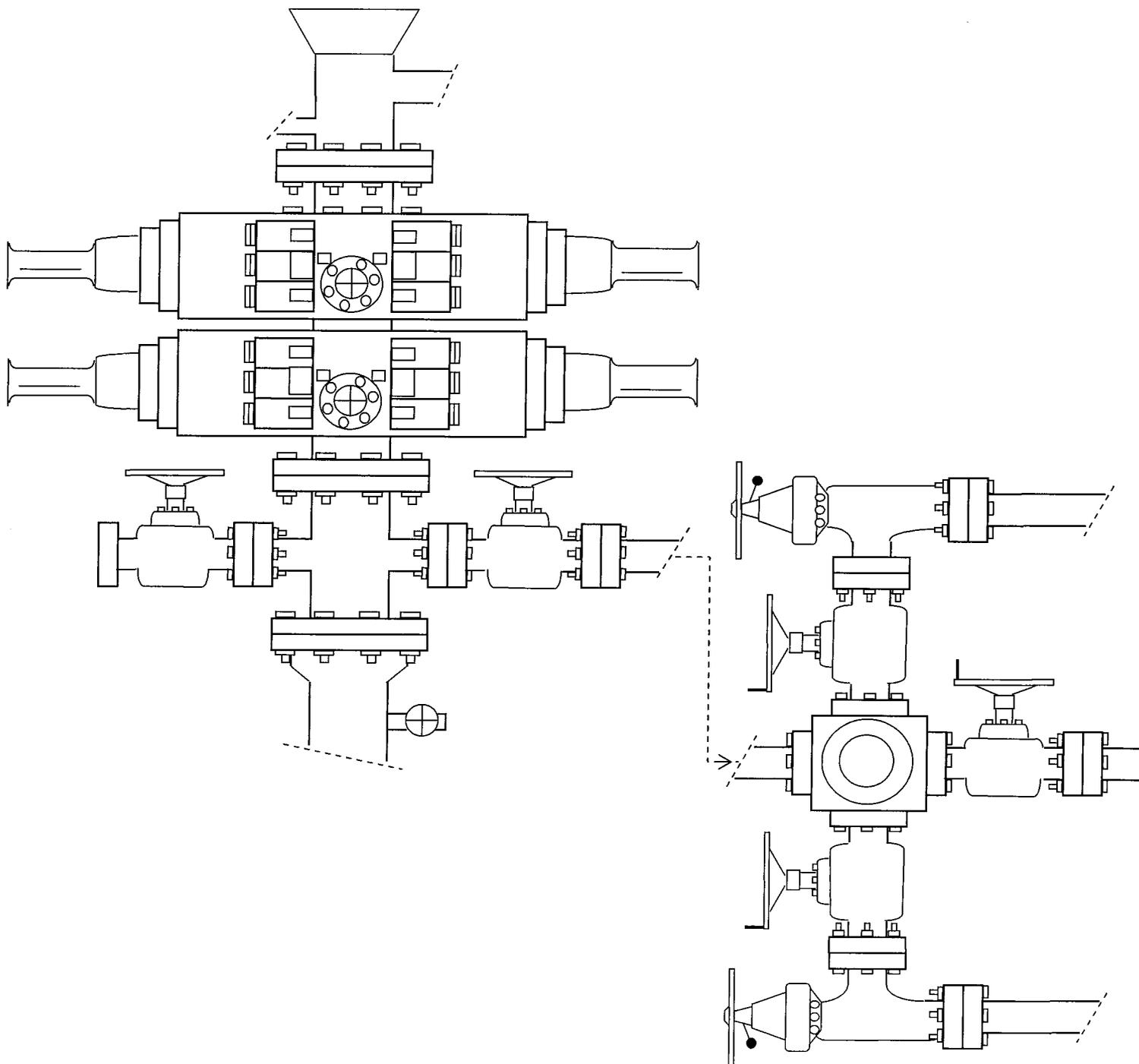


EXHIBIT C

Exhibit "D"

Page 1 of 2

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S BLOCK PARCEL
IN TOWNSHIP 9S, RANGE 16E, SECTION 19 AND 20,
DUCHESNE COUNTY, UTAH

By:

Shari Maria Silverman

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

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

Prepared By:

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

MOAC Report No. 05-225

July 13, 2005

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

State of Utah Antiquities Project (Survey)
Permit No. U-05-MQ-0668b

NEWFIELD PRODUCTION COMPANY

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

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

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
November 10, 2005

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 02/21/2006

API NO. ASSIGNED: 43-013-33063

WELL NAME: FEDERAL 2-19-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

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

PROPOSED LOCATION:

NWNE 19 090S 160E

SURFACE: 0821 FNL 2093 FEL

BOTTOM: 0821 FNL 2093 FEL

COUNTY: DUCHESNE

LATITUDE: 40.02148 LONGITUDE: -110.1593

UTM SURF EASTINGS: 571738 NORTHINGS: 4430269

FIELD NAME: MONUMENT BUTTE (105)

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-64379

PROPOSED FORMATION: GRRV

SURFACE OWNER: 1 - Federal

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)

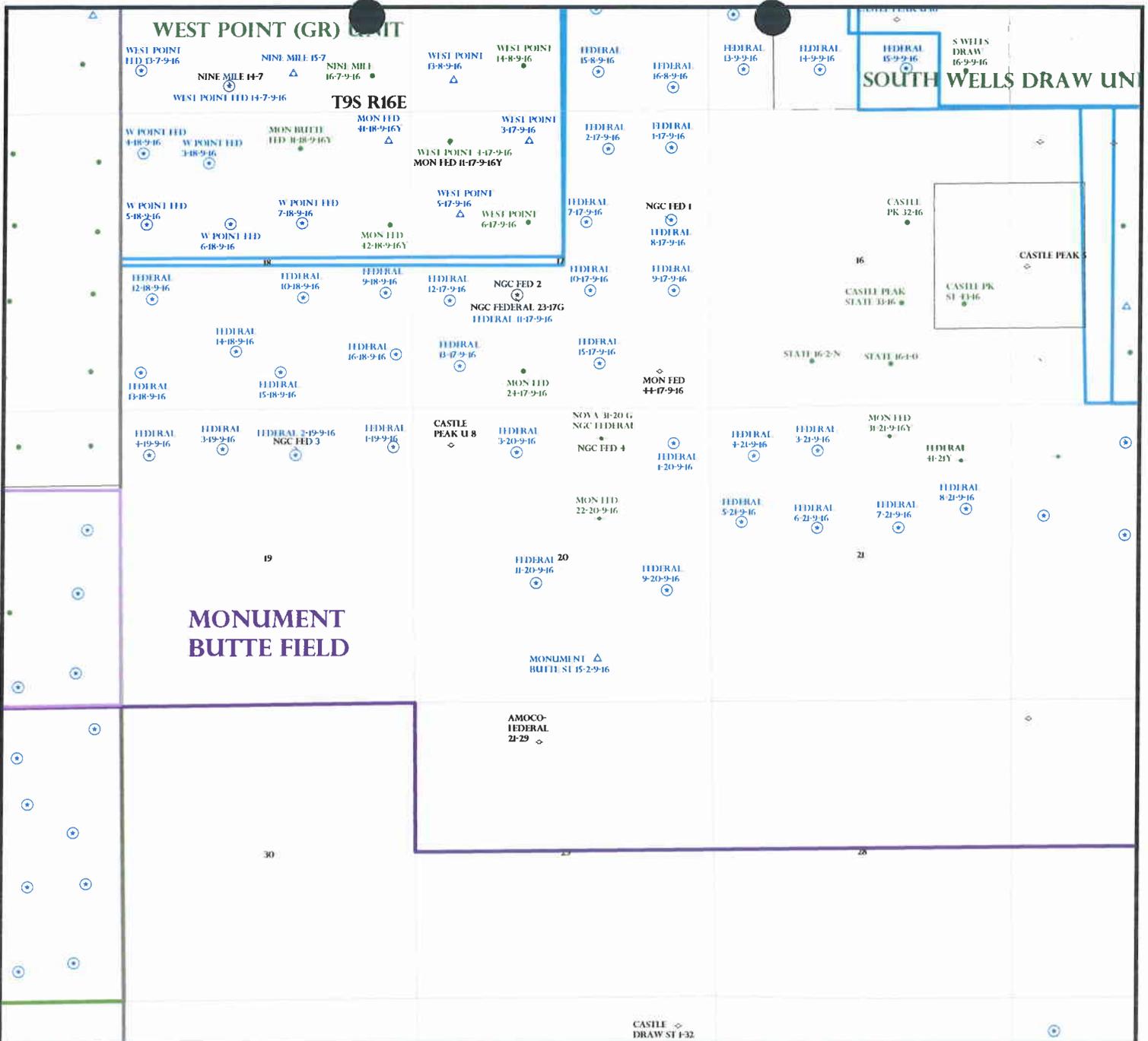
LOCATION AND SITING:

- 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: Dep. Separates PLW

STIPULATIONS: 1. Federal Approval

2. Spacing Stip



OPERATOR: NEWFIELD PROD CO (N2695)
 SEC: 19,20,21 T. 9S R. 16E
 FIELD: MONUMENT BUTTE (105)
 COUNTY: DUCHESNE
 SPACING: R649-3-2 / GENERAL SITING

Field Status	Unit Status
ABANDONED	EXPLORATORY
ACTIVE	GAS STORAGE
COMBINED	NF PP OIL
INACTIVE	NF SECONDARY
PROPOSED	PENDING
STORAGE	PI OIL
TERMINATED	PP GAS
	PP GEOTHERML
	PP OIL
	SECONDARY
	TERMINATED

Wells Status

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

Utah Oil Gas and Mining

PREPARED BY: DIANA WHITNEY
 DATE: 23-FEBRUARY-2006



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

February 23, 2006

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

Re: Federal 2-19-9-16 Well, 821' FNL, 2093' FEL, NW NE, Sec. 19, 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 43-013-33063.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Newfield Production Company
Well Name & Number Federal 2-19-9-16
API Number: 43-013-33063
Lease: UTU-64379

Location: NW NE Sec. 19 T. 9 South R. 16 East

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
UTU-64379

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
FEDERAL 2-19-9-16

9. API Well No.
43-013-33063

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)
821 FNL 2093 FEL NW/NE Section 19, 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

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

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

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 2/23/06 (expiration 2/23/07).

This APD has not been approved yet by the BLM.

Approved by the
Utah Division of
Oil, Gas and Mining

DATE: 2-8-07
RM

Date: 02-07-07
By: *[Signature]*

FEB 06 2007

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

Signed *Mandie Crozier* Title Regulatory Specialist Date 2/2/2007
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

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

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

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

API: 43-013-33063
Well Name: Federal 2-19-9-16
Location: NW/NE Section 19,T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 2/23/2006

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

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

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

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

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

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

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

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

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


Signature

2/2/2007
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

FEB 06 2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
UTU-64379

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
FEDERAL 2-19-9-16

9. API Well No.
43-013-33063

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)
821FNL 2093 FEL NW/NE Section 19, T9S R16E

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<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

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

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

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 2/23/06 (expiration 2/23/08).

This APD has not been approved yet by the BLM.

Approved by the
Utah Division of
Oil, Gas and Mining

COPY SENT TO OPERATOR

Date: 2-7-2008
Initials: KS

Date: 02-07-08
By: [Signature]

RECEIVED
FEB 04 2008

14. I hereby certify that the foregoing is true and correct.
Signed: [Signature] Title Regulatory Specialist DIV. OF OIL, GAS & MINING
Mandie Crozier Date 1/31/2008

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM

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

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

API: 43-013-33063
Well Name: Federal 2-19-9-16
Location: NW/NE Section 19,T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 2/23/2006

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

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

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

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

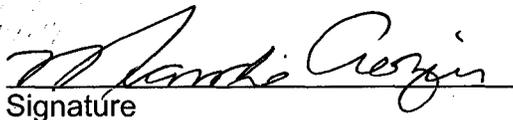
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

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

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

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

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


Signature

2/1/2008

Date

Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED

FEB 04 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
UTU-64379

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
FEDERAL 2-19-9-16

9. API Well No.
43-013-33063

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)
821 FNL 2093 FEL NW/NE Section 19, T9S R16E

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other 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.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 02-05-09
By: [Signature]

COPY SENT TO OPERATOR
Date: 2.5.2009
Initials: KS

RECEIVED
FEB 04 2009
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed Mandie Crozier Title Regulatory Specialist Date 2/2/2009
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

RESET

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

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

API: 43-013-33063
Well Name: Federal 2-19-9-16
Location: NW/NE Section 19,T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 2/23/2006

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

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

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

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

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

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

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

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

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



Signature

2/2/2009

Date

Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED
FEB 04 2009
DIV. OF OIL, GAS & MINING

BLM - Vernal Field Office - ^{Spud} Notification Form

Operator Newfield Production Rig
Name/# NDSI Rig # 3 Submitted By Johnny
Davis Phone Number (435)-823-3610

Well Name/Number Federal 2-19-9-
16

Qtr/Qtr NWNE Section 19 Township 9S
Range 16E

Lease Serial Number UTU
64379

API Number 43-013-33063

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 5/21/09 9:00 AM
PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time 5/22/09 9:00 AM
PM

BOPE

Initial BOPE test at surface casing point

BOPE test at intermediate casing point

30 day BOPE test

Other

Date/Time 5/23/09

7:00

AM

PM

Remarks Cmt. 8 5/8" Csg with

BJ

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				SPUD DATE	EFFECTIVE DATE	
					QQ	SC	TP	RG			COUNTY
B	99999	12419 ✓	4301333690	ASHLEY N-14-9-15	NWSW	14	9S	15E	DUCHESNE	5/13/2009	5/28/09
WELL 1 COMMENTS: <i>GRUV</i> <i>BHL = SENW</i>											
A	99999	17317	4301333063	FEDERAL 2-19-9-16	NWNE	19	9S	16E	DUCHESNE	5/21/2009	5/28/09
WELL 2 COMMENTS: <i>GRUV</i>											
A	99999	17318	4301333454	FEDERAL 3-30-9-16	NENW	30	9S	16E	DUCHESNE	5/16/2009	5/28/09
WELL 3 COMMENTS: <i>GRUV</i>											
WELL 5 COMMENTS:											
WELL 5 COMMENTS:											

- ACTION CODES (See instructions on back of form)
- A - new entity for new well (single well only)
 - B - well to existing entity (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)

RECEIVED
 MAY 21 2009

[Signature]
 Signature
 Jentri Park
 Production Clerk
 05/21/09
 Date

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

RECEIVED

FEB 21 2006

Form 3160-3
(September 2001)

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

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

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-64379
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 2-19-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/NE 821' FNL 2093' FEL At proposed prod. zone		9. API Well No. 43-013-33063
14. Distance in miles and direction from nearest town or post office* Approximatley 13.7 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. 2093' f/ise, NA' f/unit	16. No. of Acres in lease 1626.36	11. Sec., T., R., M., or Blk. and Survey or Area NW/NE Sec. 19, 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. 1507'	12. County or Parish Duchesne
19. Proposed Depth 5875'	20. BLM/BIA Bond No. on file UTB000192 WYB000493	13. State UT
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5966' GL	22. Approximate date work will start* 2nd Quarter 2006	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 2/17/06
Title Regulatory Specialist		

Approved by (Signature) 	Name (Printed/Typed) Terry Hancock	Date MAY 11 2009
Title Assistant Field Manager Lands & Mineral Resources		
Office VERNAL FIELD OFFICE		

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

Conditions of approval, if any, are attached **CONDITIONS OF APPROVAL ATTACHED**

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

*(Instructions on reverse)

RECEIVED NOTICE OF APPROVAL

MAY 21 2009

DIV. OF OIL, GAS & MINING

UDOGM

No NOS

07BM4671A

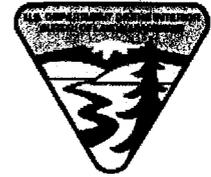


**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE**

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Federal 2-19-9-16
API No: 43-013-33063

Location: NWNE, Sec. 19, T9S, R16E
Lease No: UTU-64379
Agreement: N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Christine Cimiluca	(435) 781-4475	
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Lori Ford	(435) 781-4406	
NRS/Enviro Scientist:	David Gordon	(435) 781-4424	
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544

Fax: (435) 781-3420

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

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

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

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

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- Construction and drilling not allowed from January 1- August 31 minimizing impacts during Golden Eagle nesting.
- Construction and drilling not allowed from April 1- August 31 minimizing impacts during Prairie Falcon nesting.
- Construction and drilling not allowed from May 1- June 15 minimizing impacts during Mountain Plover nesting.
- A hospital muffler is to be used on the pump-jack upon completion. This measure will reduce noise impacts to nesting raptors in the surrounding area.
- Halogeton must be treated before any surface disturbance to control the spread of the noxious weed for reclamation purposes. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim/Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

Interim Reclamation:

- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is dry and free of all trash and residual hydrocarbons it will be closed, it shall be recontoured and the topsoil respread, and the area shall be seeded using a rangeland drill. Seeding depth as per AO, or seed distributor. If portions of the site are too steep (>40%),

or rocky, that portion may be broadcast seeded. If broadcasting seed, the seed shall be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain. Seeding shall occur in the fall (August 1st until snow or ground is frozen) with the following seed mix:

Seed mix:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Forage Kochia	<i>Kochia Prostrata</i>	0.20	1/2"
Squirreltail grass	<i>Elymus elymoides</i>	3.0	1/4 - 1/2"
Siberian wheatgrass	<i>Agropyron fragile</i>	1.0	1/2"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	1/2"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	1/2"
Gardner's saltbush	<i>Atriplex gardneri</i>	0.50	1/2"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	1/8 - 1/4"

- All pounds are pure live seed.
- All seed and mulch will be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.

Final reclamation:

- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- 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 (see above). Seed application will follow all guidelines in the interim seed mix bullet statement above, and in Green River reclamation guidelines. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

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

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

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

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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 page 2

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)

Section T R

9S 16E 19

5. Lease Serial No.

UTU-64379

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.

FEDERAL 2-19-9-16

9. API Well No.

4301333063

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

UT

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

TYPE OF SUBMISSION	TYPE OF ACTION				
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____	
	<input type="checkbox"/> Convert to Injector	<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 5/21/09 MIRU Ross # 21. Spud well @ 9:00 am. Drill 325' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 328.29'KB. On 5/25/09 cement with 180 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. No cement to surface cement down 50'. One inch top job 50 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild Returned 2 bbls cement to pit. WOC.

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

Jim Smith

Signature

Title

Drilling Foreman

Date

05/28/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Title

Date

Office

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

RECEIVED

(Instructions on page 2)

JUN 03 2009

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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 page 2

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)

Section T R

9S 16E 19

5. Lease Serial No.

USA UTU-64379

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.

FEDERAL 2-19-9-16

9. API Well No.

4301333063

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

UT

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

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

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

On 5/29/09 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 @ 270'. 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, 146 jt's of 5.5 J-55, 15.5# csgn. Set @ 5800' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. The 400 sks cement mixed @ 14.4 ppg & 1.24 yld. circ 17 bbl cmt to surface. Nipple down Bop's. Set slips @ 104,000 #'s tension. Release rig 3:00 AM on 6/5/09.

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

Johnny Davis

Signature

Title

Drilling Foreman

Date

06/05/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Title

Date

Office

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

(Instructions on page 2)

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JUN 15 2009

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU-64379

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

6. If Indian, Allottee or Tribe Name
NA

7. Unit or CA Agreement Name and No.
FEDERAL

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

8. Lease Name and Well No.
FEDERAL 2-19-9-16

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

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

9. AFI Well No.
43-013-33063

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

10. Field and Pool or Exploratory
MONUMENT BUTTE

At surface 821' FNL & 2093' FEL (NW/NE) SEC. 19, T9S, R16E

11. Sec., T., R., M., on Block and
Survey or Area
SEC. 19, T9S, R19E

At top prod. interval reported below

12. County or Parish 13. State

At total depth 5810'

DUCHESNE UT

14. Date Spudded
05/21/2009

15. Date T.D. Reached
06/03/2009

16. Date Completed 06/30/2009
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5966' GL 5978' KB

18. Total Depth: MD 5810'
TVD

19. Plug Back T.D.: MD 5784'
TVD

20. Depth Bridge Plug Set: MD
TVD

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

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

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#		325'		180 CLASS G			
7-7/8"	5-1/2" J-55	15.5#		5800'		300 PRIMLITE		88'	
						400 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 5434'	TA @ 5371'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER			(CP1) 5348-5354'	.49"	3	18
B) GREEN RIVER			(LODC) 5095-99, 5082-85'	.40"	3	21
C) GREEN RIVER			(A1) 4835-38, 4820-24'	.40"	3	21
D) GREEN RIVER			(B1) 4679-4685'	.40"	3	18

26. Perforation Record 4436

Depth Interval	Amount and Type of Material
5348-5354'	Frac CP1 sds w/ 19,980#'s of 20/40 sand in 330 bbls of Lightning 17 fluid.
5082-5099'	Frac LODC sds w/ 25,343#'s of 20/40 sand in 365 bbls of Lightning 17 fluid.
4820-4838'	Frac A1 sds w/ 25,225#'s of 20/40 sand in 360 bbls of Lightning 17 fluid.
4536-4545'	Frac B1 sds w/ 31,161#'s of 20/40 sand in 393 bbls of Lightning 17 fluid.

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
06/30/09	07/19/09	24	→	29	25	20			2-1/2" x 1-1/2" x 16 x 20' RHAC Rod Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

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

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

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28b. Production - Interval C

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

28c. Production - Interval D

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

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

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3429' 3650'
				GARDEN GULCH 2 POINT 3	3755' 4007'
				X MRKR Y MRKR	4266' 4297'
				DOUGALS CREEK MRK BI CARBONATE MRK	4406' 4634'
				B LIMESTON MRK CASTLE PEAK	4730' 5313
				BASAL CARB TD	5750' 5810'

32. Additional remarks (include plugging procedure):

STAGE 5: Perforate D1 sds @ 4436-44" w/ 3 1/8" slick guns (19 gram, .40" HE, 120°, 21.92" pen, EXP-3319-311 Titan) w/ 3 spf for total of 24 shots. Frac D1 sds w/ 81,584#s of 20/40 sand in 614 bbls of Lightning 17 fluid.

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

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

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

Name (please print) Tammi Lee Title Production Clerk
 Signature _____ Date 10/30/2009

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Water Injection Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: FEDERAL 2-19-9-16
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013330630000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0821 FNL 2093 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 19 Township: 09.0S Range: 16.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/18/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input 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 2:00 PM on
04/18/2014.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
December 24, 2014**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 12/18/2014	



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

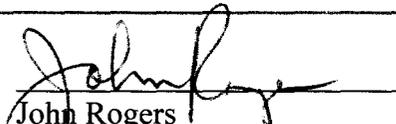
Cause No. UIC-415.7

Operator: Newfield Production Company
Well: Federal 2-19-9-16
Location: Section 19, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-33063
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on February 4, 2014.
2. Maximum Allowable Injection Pressure: 1,831 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,755' – 5,784')
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

4/14/2014
Date

JR/MLR/js

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

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



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FEDERAL 2-19-9-16	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013330630000	
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: 0821 FNL 2093 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 19 Township: 09.0S Range: 16.0E Meridian: S	COUNTY: DUCHESNE STATE: UTAH	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 50px;" type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/20/2014			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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

The subject well has been converted from a producing oil well to an injection well on 03/20/2014. On 03/18/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/20/2014 the casing was pressured up to 1151 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was not a State representative available to witness the test.

Accepted by the Utah Division of Oil, Gas and Mining
 Date: April 02, 2014
 By: *[Signature]*

WTC-415.7
 [Handwritten signature/initials]

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 3/31/2014	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

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

Witness: _____ Date 3/20/17 Time 9:51 am pm

Test Conducted by: R. J. B. G.

Others Present: _____

Well: <u>Federal 2-19-9-16</u>	Field: <u>Monument Butte</u>
Well Location: <u>Federal 2-19-9-16</u> <u>NW/NE Sec-19, T9S, R16E</u> <u>Duchesne County Utah</u>	API No: <u>4301333063</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1154</u>	psig
5	<u>1154</u>	psig
10	<u>1154</u>	psig
15	<u>1153</u>	psig
20	<u>1152</u>	psig
25	<u>1152</u>	psig
30 min	<u>1151</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 400 psig

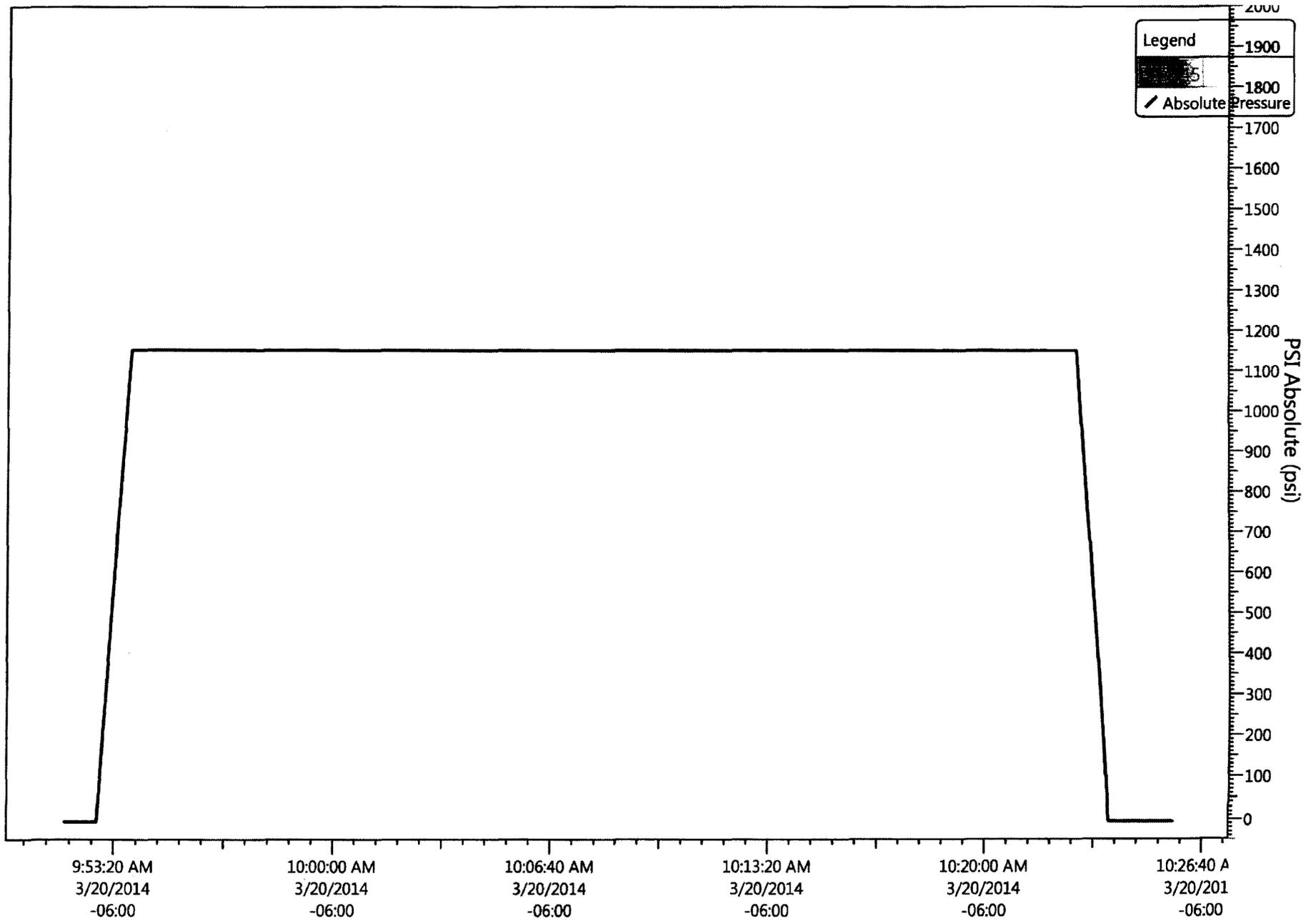
Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: R. J. B. G.

federal 2-19-9-16 (conversion mit 3/20/14)

3/20/2014 9:51:21 AM



Sundry Number : 49341 API Well Number : 43013330630000

Well Name: Federal 2-19-9-16

Jobs		
Primary Job Type Conversion	Job Start Date 3/17/2014	Job End Date

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
3/17/2014	3/17/2014	ROAD RIG, SPOT RIG RU RIG
Start Time	End Time	Comment
05:30	07:00	TRAVEL TIME
07:00	07:30	WAIT FOR SUN TO COME OUT AND DO PRE TRIP INSPECTIONS AND PREP TO ROAD RIG TO NEXT LOCATION.
07:30	08:15	ROAD RIG FROM THE 2-23-9-15 TO THE 2-19-9-16.
08:15	09:15	SPOT RIG, RU RIG.
09:15	09:45	UNHANG RODS AND HORSES HEAD. UNSEAT PUMP AND PULL HIGH
09:45	10:45	FLUSH TBG WITH 40 BBLs WATER @ 250 F.
10:45	11:00	SOFT SEAT PUMP AND TEST TBG TO 3000 PSI, GOOD TEST.
11:00	14:00	POOH WITH RODS LAYING DOWN ON TRAILER.
14:00	15:00	RD FLOW LINE, ND WH, RELEASE TAC, NU BOP, RU WORK FLOOR.
15:00	17:30	POOH WITH 66 JNTS TBG BREAKING EVERY CONNECTION CLEANING THREADS AND INSPECTING FOR DAMAGE OR GALLING, APPLY LIQUID O RING AND RETORQUE TO SPEC. TALLY OUT. SWIFN, CLEAN LOCATION, SDFN.
17:30	19:00	TRAVEL TIME
3/18/2014	3/18/2014	POOH TBG MU & TIH W/ INJ STRING
Start Time	End Time	Comment
05:30	07:00	CREW TRAVEL
07:00	07:15	CHECK TBG AND CSG PRESSURES, TBG AND CSG 160 PSI. BD WELL AND OPEN BOP.
07:15	10:00	POOH WITH TBG BREAKING EVERY CONNECTION, CLEANING THREADS AND INSPECTING FOR DAMAGE OR GALLING, APPLY LIQUID O RING AND RETORQUE TO SPEC. LD 48 JNTS EXCESS TBG FFROM BOTTOM OF TBG STRING.
10:00	10:15	PU/MU PACKER ASSY AND PREP TO TIH WITH TBG
10:15	12:00	TIH WITH PACKER ASSY AND 128 JNTS TBG.
12:00	12:30	PUMP 10 BBLs PAD AND DROP S.V. PUMP TO PSN, PRESSURE UP TBG TO 3000 PSI, BLED DOWN ALMOST INSTANTLY TO 2000 PSI, BUMP UP AND RETEST HAD 100 PSI PRESSURE LOSS IN 1 MINUTE.
12:30	13:00	RU SANDLINE AND FISHING TOOLS, RIH TO CATCH S.V. POOH WITH SANDLINE AND RD TOOLS.
13:00	15:30	PUMP 10 BBLs PAD AND DROP NEW S.V. AND PUMP TO PSN. RETEST AND FINALLY GOT A GOOD PT.
15:30	16:15	RD WORK FLOOR, ND BOP, LAND TBG ON FLANGE, NU WH.

Sundry Number: 49341 API Well Number: 43013330630000



Job Detail Summary Report

Well Name: Federal 2-19-9-16

Sundry Number: 49341 API Well Number: 43013330630000

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Start Time	16:15	End Time	17:15	Comment
WAIT FOR HOT OILER TO GET LOADED AND MIXED WITH PACKER FLUID CHEMICALS. PUMP PACKER FLUID AND SET PACKER, TOP OFF CSG AND PRESSURE UP TO 1400 PSI, LEAVE FOR THE NIGHT.				

Start Time	17:15	End Time	17:30	Comment
SWIFN, CLEAN LOCATION, SDFN				

Start Time	17:30	End Time	19:00	Comment
CREW TRAVEL				

Report Start Date	Report End Date	24hr Activity Summary
3/19/2014	3/19/2014	CHECK CSG PRESSURE - TEST

Start Time	05:30	End Time	07:00	Comment
TRAVEL TIME				

Start Time	07:00	End Time	17:30	Comment
CHECK CSG PRESSURE, 900 PSI, BUMP UP TO 1400 PSI AND START PT CSG. HAD TO BUMP UP AND RETEST NUMEROUS TIMES, FAILED TEST AFTER FAILED TEST, BUMP UP AND NEVER GOT A SOLID CSG TEST, SLOWED DOWN TO 20 PSI LOSS IN 30 MIN AND CALLED MIT GUYS TO TRY TO PERFORM TEST. FAILED TEST, BUMP UP AND RETEST WITH MIT, FAILED TEST, BUMP UP AND RETEST ONE LAST TIME, FAILED TEST. LEAVE PRESSURE FOR THE NIGHT LINED OUT MIT TEST FOR 630 AM TOMORROW. SWIFN, CLEAN LOCATION, SDFN.				

Start Time	17:30	End Time	19:00	Comment
TRAVEL TIME				

Report Start Date	Report End Date	24hr Activity Summary
3/20/2014	3/20/2014	PERFORM MIT

Start Time	09:50	End Time	10:20	Comment
On 03/19/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/20/2014 the casing was pressured up to 1151 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was not a State representative available to witness the test.				

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NEWFIELD

Schematic

Well Name: Federal 2-19-9-16

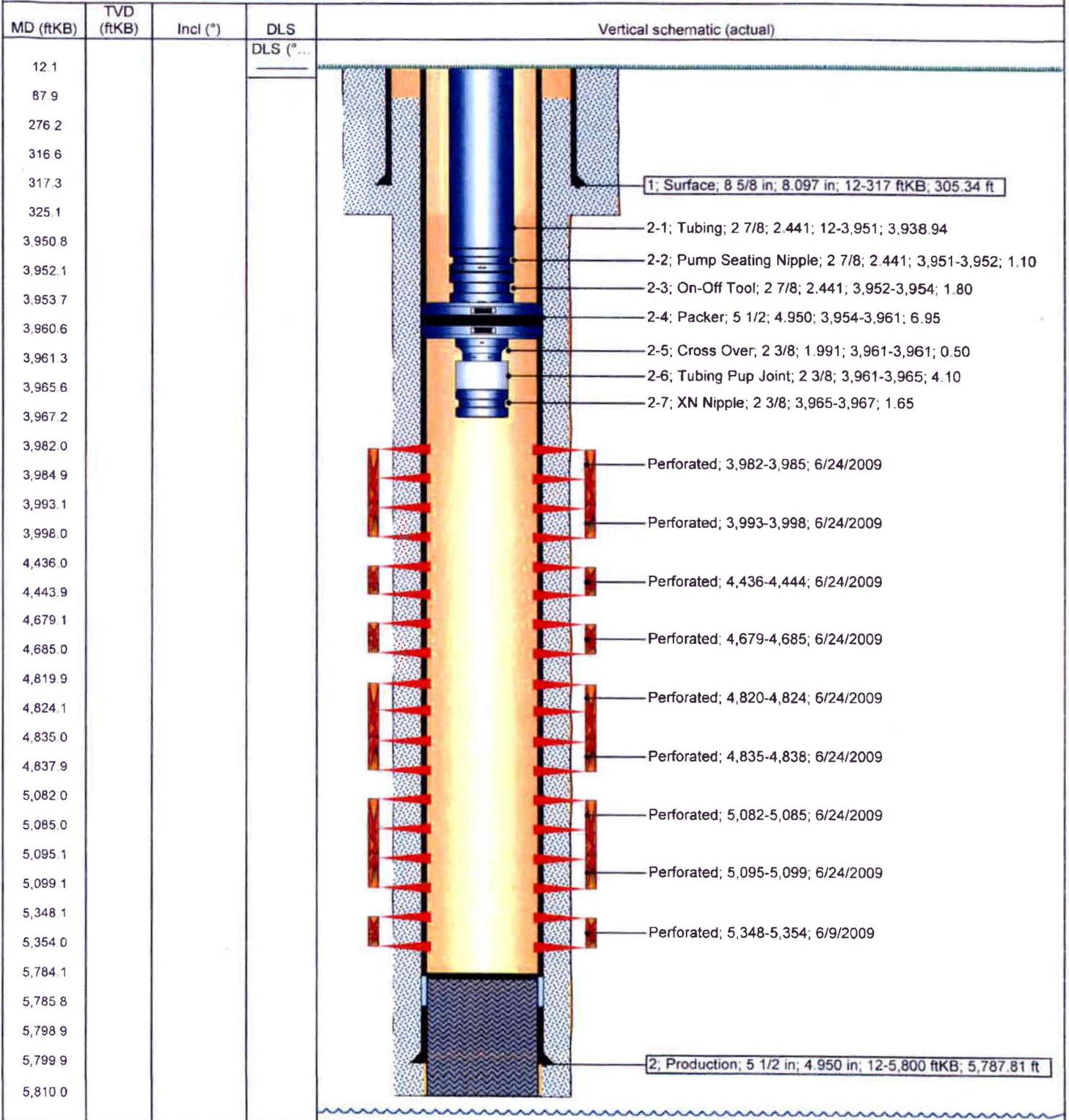
Surface Legal Location 19-9S-16E		API/JWI 43013330630000	Well RC 500159195	Lease	State/Province Utah	Field Name GMBU CTB3	County N/A
Spud Date 5/21/2009	Rig Release Date 6/3/2009	On Production Date 6/30/2009	Original KB Elevation (ft) 5,978	Ground Elevation (ft) 5,966	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,784.0	

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 3/17/2014	Job End Date
---------------------------------------	--------------------------------	-----------------------------	-----------------------------	--------------

TD: 5,810.0

Vertical - Original Hole, 3/24/2014 10:06:09 AM



NEWFIELD



Newfield Wellbore Diagram Data Federal 2-19-9-16

Surface Legal Location 19-9S-16E		API/UWI 43013330630000		Lease	
County N/A		State/Province Utah		Basin Uintah Basin	
Well Start Date 5/21/2009		Spud Date 5/21/2009		Final Rig Release Date 6/3/2009	
Original KB Elevation (ft) 5,978		Ground Elevation (ft) 5,966		Total Depth All (TVD) (ftKB) 5,810.0	
				Field Name GMBU CTB3	
				On Production Date 6/30/2009	
				PBTD (All) (ftKB) Original Hole - 5,784.0	

Casing Strings						
Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	5/21/2009	8 5/8	8.097	24.00	J-55	317
Production	6/3/2009	5 1/2	4.950	15.50	J-55	5,800

Cement				
String: Surface, 317ftKB 5/25/2009				
Cementing Company	Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)
BJ Services Company	12.0	325.0		
Fluid Description	Fluid Type	Amount (sacks)	Class	Estimated Top (ftKB)
	Lead	180	G	
Fluid Description	Fluid Type	Amount (sacks)	Class	Estimated Top (ftKB)
	Top Out	50	G	

String: Production, 5,800ftKB 6/3/2009				
Cementing Company	Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)
BJ Services Company	88.0	5,810.0		
Fluid Description	Fluid Type	Amount (sacks)	Class	Estimated Top (ftKB)
3%KCL+5#CF+2#KOL+.5SMS+FP+SF	Lead	300	Premium Lite II	
Fluid Description	Fluid Type	Amount (sacks)	Class	Estimated Top (ftKB)
3%KCL+0.5%EC-1+.25#CF+.05#SF+.3SMS+FP+6L	Tail	400	50:50 POZ	

Tubing Strings										
Tubing Description					Run Date	Set Depth (ftKB)				
Tubing					3/18/2014	3,967.0				
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)		
Tubing		2 7/8	2.441	6.50	J-55	3,938.94	12.0	3,950.9		
Pump Seating Nipple		2 7/8	2.441			1.10	3,950.9	3,952.0		
On-Off Tool		2 7/8	2.441			1.80	3,952.0	3,953.8		
Packer		5 1/2	4.950			6.95	3,953.8	3,960.8		
Cross Over		2 3/8	1.991			0.50	3,960.8	3,961.3		
Tubing Pup Joint		2 3/8				4.10	3,961.3	3,965.4		
XN Nipple		2 3/8				1.65	3,965.4	3,967.0		

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

Perforation Intervals							
Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (")	Nom Hole Dia (in)	Date
6	GB6, Original Hole	3,982	3,985	3	120		6/24/2009
6	GB6, Original Hole	3,993	3,998	3	120		6/24/2009
5	D1, Original Hole	4,436	4,444	3	120		6/24/2009
4	B1, Original Hole	4,679	4,685	3	120		6/24/2009
3	A1, Original Hole	4,820	4,824	3	120		6/24/2009
3	A1, Original Hole	4,835	4,838	3	120		6/24/2009
2	LODC, Original Hole	5,082	5,085	3	120		6/24/2009
2	LODC, Original Hole	5,095	5,099	3	120		6/24/2009
1	CP1, Original Hole	5,348	5,354	3	120		6/9/2009

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)
1	2,332	0.87	16.0	2,717			
2	2,324	0.89	26.0	3,915			
3	2,277	0.91	25.0	2,669			
4	1,861	0.83	25.0	2,430			
5	1,995	0.88	27.0	2,396			
6	1,906	0.91	25.0	2,481			

Proppant		
Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant Sand 19980 lb

NEWFIELD



**Newfield Wellbore Diagram Data
Federal 2-19-9-16**

Proppant		
Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
2		Proppant Sand 25343 lb
3		Proppant Sand 25225 lb
4		Proppant Sand 31161 lb
5		Proppant Sand 81584 lb
6		Proppant Sand 85303 lb



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 4, 2014

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

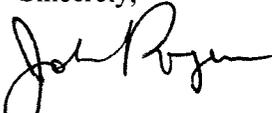
Subject: Greater Monument Butte Unit Well: Federal 2-19-9-16, Section 19, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33063

Ladies and Gentlemen:

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

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 3,755 feet in the Federal 2-19-9-16 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.

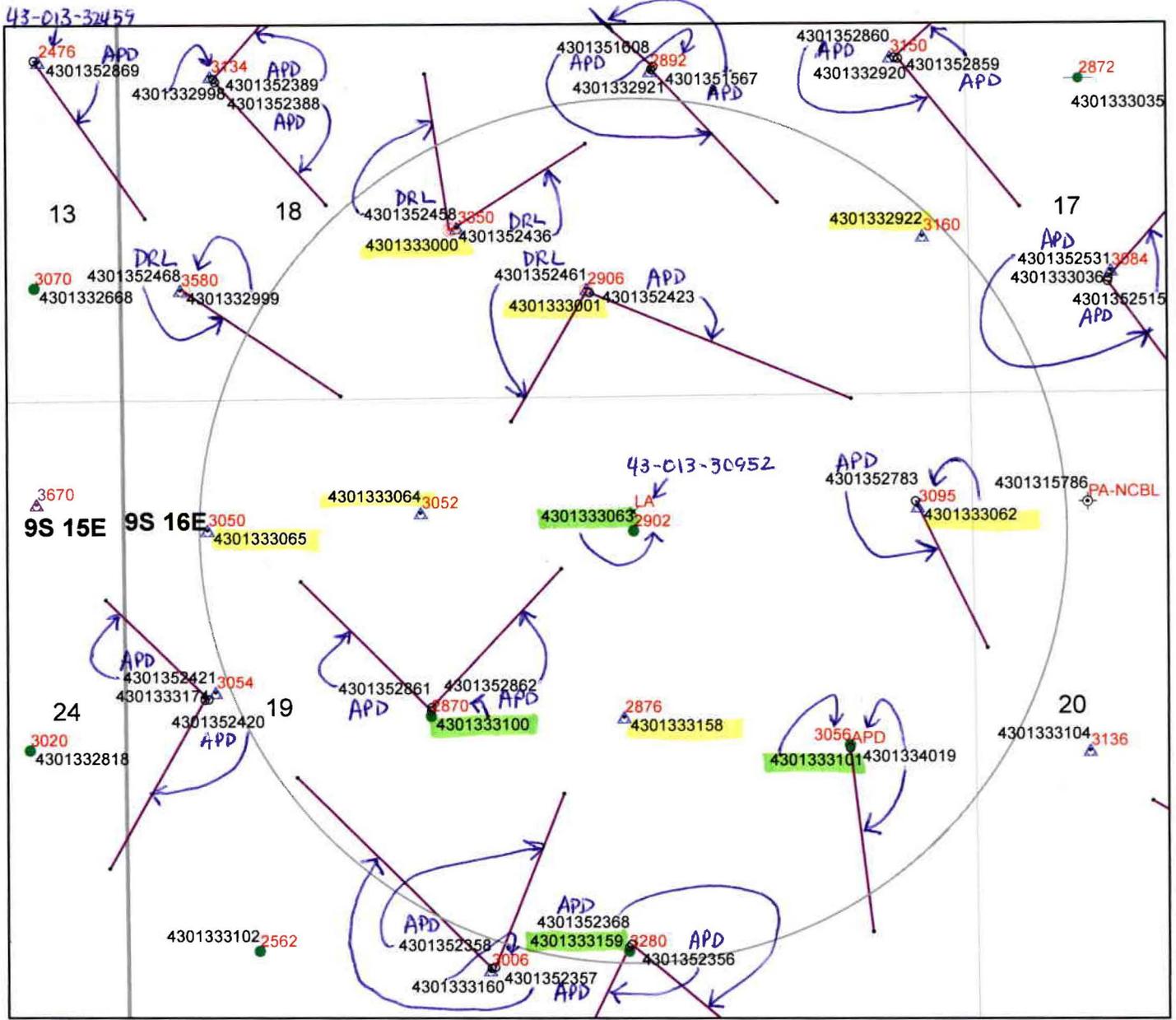
Sincerely,

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



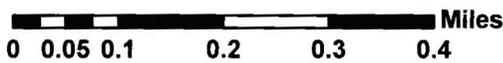


Legend

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 ACR*
- ▲ RET-Returned APD
- ⊙ SGW-Shut-in Gas Well
- SOW-Shut-in Oil Well
- ⊙ TA-Temp Abandoned
- TW-Test Well
- ⊙ WDW-Water Disposal Well
- ▲ WW-Water Injection Well *in ACR*
- WSW-Water Supply Well

**Cement Bond Tops
Federal 2-19-9-16
API #43-013-33063
UIC-415.7**



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

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

Applicant: Newfield Production Company **Well:** Federal 2-19-9-16

Location: 19/9S/16E **API:** 43-013-33063

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 325 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,800 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 2,902 feet or higher. A 2 7/8 inch tubing with a packer will be set at 3,932 feet. Higher perforations may 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 (4/3/2014), based on surface locations, there are 4 producing wells and 7 injection wells in the AOR. There is currently 1 drilling directional well with a surface location inside the AOR and a bottom hole location outside the AOR and another 1 drilling directional well with a surface location outside the AOR and a bottom hole location inside the AOR. Finally, there are 3 approved surface locations outside the AOR, from which directional wells will be drilled to bottom hole locations inside the AOR and 3 approved surface locations inside the AOR, from which directional wells will be drilled to bottom hole locations outside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2300 feet. Injection shall be limited to the interval between 3,755 feet and 5,784 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 2-19-9-16 well is 0.83 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,831 psig. The requested maximum pressure is 1,831 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 2-19-9-16

page 2

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

Bonding: Bonded with the BLM

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

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

Reviewer(s): Mark Reinbold Date: 2/4/2014 (revised 4/3/2014)

4770 S. 5600 W.
 P.O. BOX 704005
 WEST VALLEY CITY, UTAH 84170
 FED. TAX ID.# 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	12/13/2013

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER
8015385340	0000927358
SCHEDULE	
Start 12/13/2013	End 12/13/2013
CUST. REF. NO.	
Newfield Cause UIC-415	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT	
SIZE	
94 Lines	3.00
TIMES	
3	
MISC. CHARGES	

BEFORE THE DIVISION OF OIL, GAS AND MINING
 DEPARTMENT OF NATURAL RESOURCES
 STATE OF UTAH
 NOTICE OF AGENCY ACTION CAUSE NO. UIC-415

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 16, 17, 18, 19, 20, 21, 23, AND 24, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

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

- Greater Monument Butte Unit:
- State 2-16-9-16 well located in NW/4 NE/4, Section 16, Township 9 South, Range 16 East
- API 43-013-33846
- State 13-16-9-16 well located in SW/4 SW/4, Section 16, Township 9 South, Range 16 East
- API 43-013-33853
- Castle Peak 32-16 well located in SW/4 NE/4, Section 16, Township 9 South, Range 16 East
- API 43-013-30650
- Federal 10-17-9-16 well located in NW/4 SE/4, Section 17, Township 9 South, Range 16 East
- API 43-013-33033
- Federal 12-17-9-16 well located in NW/4 SW/4, Section 17, Township 9 South, Range 16 East
- API 43-013-33035
- Federal 16-18-9-16 well located in SE/4 SE/4, Section 18, Township 9 South, Range 16 East
- API 43-013-32922
- Federal 2-19-9-16 well located in NW/4 NE/4, Section 19, Township 9 South, Range 16 East
- API 43-013-33063
- Federal 6-19-9-16 well located in SE/4 NW/4, Section 19, Township 9 South, Range 16 East
- API 43-013-33100
- Federal 12-19-9-16 well located in NW/4 SW/4, Section 19, Township 9 South, Range 16 East
- API 43-013-33102
- Federal 14-19-9-16 well located in SE/4 SW/4, Section 19, Township 9 South, Range 16 East
- API 43-013-33161
- Federal 16-19-9-16 well located in SE/4 SE/4, Section 19, Township 9 South, Range 16 East
- API 43-013-33163
- Federal 8-20-9-16 well located in SE/4 NE/4, Section 20, Township 9 South, Range 16 East
- API 43-013-33107
- Federal 3-21-9-16 well located in NE/4 NW/4, Section 21, Township 9 South, Range 16 East
- API 43-013-33019
- Federal 4-21-9-16 well located in NW/4 NW/4, Section 21, Township 9 South, Range 16 East
- API 43-013-33069
- Federal 8-21-9-16 well located in SE/4 NE/4, Section 21, Township 9 South, Range 16 East
- API 43-013-33023
- Federal 2-23-9-16 well located in NW/4 NE/4, Section 23, Township 9 South, Range 16 East
- API 43-013-33003
- Castle Peak Federal 6-23 well located in SE/4 NW/4, Section 23, Township 9 South, Range 16 East
- API 43-013-30873
- Federal 8-23-9-16 well located in SE/4 NE/4, Section 23, Township 9 South, Range 16 East
- API 43-013-32961
- Federal 14-24-9-16 well located in SE/4 SW/4, Section 24, Township 9 South, Range 16 East
- API 43-013-33343

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

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

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

Dated this 11th day of December, 2013.

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

923758

UPAXIF

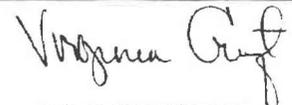
AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I C
**BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES
 CAUSE NO. UIC-415 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING**
 COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND D
 ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT
 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 12/13/2013 End 12/13/2013

SIGNATURE 

DATE 12/13/2013

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


 NOTARY SIGNATURE

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

2210/REB/4131

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 17 day of December, 20 13, and that the last publication of such notice was in the issue of such newspaper dated the 17 day of December, 20 13, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

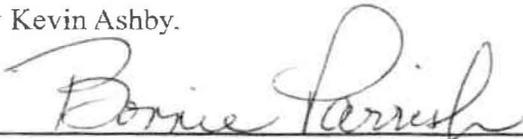


Publisher

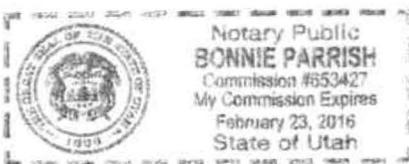
Subscribed and sworn to before me on this

23 day of December, 20 13

by Kevin Ashby.



Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC-415

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

IN THE MATTER OF THE APPLICATION FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 16, 17, 18, 19, 20, 21, 23, and 24, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Continued on next page

Continued from previous page

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API 43-013-33100

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API 43-013-33102

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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) 535-5340. 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 intervenors should be prepared to demonstrate at a hearing how this matter affects their interests. Dated this 11th day of December, 2013.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager
Published in the
Uintah Basin Standard
December 17, 2013

RECEIVED
DEC 24 2013

DIV. OF OIL, GAS & MINING

Federal 14-19-9-16 well located in SE/4 SW/4, Section 19, Township 9 South, Range 16 East

API 43-013-33161

Federal 16-19-9-16 well located in SE/4 SE/4, Section 19, Township 9 South, Range 16 East

API 43-013-33163

Federal 8-20-9-16 well located in SE/4 NE/4, Section 20, Township 9 South, Range 16 East

API 43-013-33107

Federal 3-21-9-16 well located in NE/4 NW/4, Section 21, Township 9 South, Range 16 East

API 43-013-33019

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API 43-013-33023

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API 43-013-33003

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API 43-013-30873

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API 43-013-32961

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API 43-013-33343

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

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

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-415

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API 43-013-33100
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API 43-013-33102
Federal 14-19-9-16 well located in SE/4 SW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33161
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API 43-013-33023
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API 43-013-33003

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API 43-013-30873

Federal 8-23-9-16 well located in SE/4 NE/4, Section 23, Township 9 South, Range 16 East
API 43-013-32961

Federal 14-24-9-16 well located in SE/4 SW/4, Section 24, Township 9 South, Range 16 East
API 43-013-33343

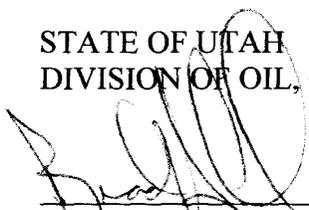
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Dated this 11th day of December, 2013.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

Newfield Production Company

**STATE 2-16-9-16, STATE 13-16-9-16, CASTLE PEAK 32-16,
FEDERAL 10-17-9-16, FEDERAL 12-17-9-16, FEDERAL 16-18-9-16,
FEDERAL 2-19-9-16, FEDERAL 6-19-9-16, FEDERAL 12-19-9-16,
FEDERAL 14-19-9-16, FEDERAL 16-19-9-16, FEDERAL 8-20-9-16,
FEDERAL 3-21-9-16, FEDERAL 4-21-9-16, FEDERAL 8-21-9-16,
FEDERAL 2-23-9-16, CASTLE PEAK FEDERAL 6-23,
FEDERAL 8-23-9-16, FEDERAL 14-24-9-16**

Cause No. UIC-415

Publication Notices were sent to the following:

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

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

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

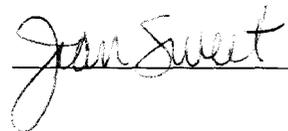
Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

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

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

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

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052





GARY R. HERBERT
Governor

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

December 12, 2013

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-415

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

12/12/2013

State of Utah Mail - Re: Notice of Agency Action - Newfield Production Company Cause No. UIC-415



Jean Sweet <jsweet@utah.gov>

Re: Notice of Agency Action - Newfield Production Company Cause No. UIC-415

1 message

UB Standard Legals <ubslegals@ubmedia.biz>

Thu, Dec 12, 2013 at 1:22 PM

To: Jean Sweet <jsweet@utah.gov>

On 12/12/2013 11:59 AM, Jean Sweet wrote:

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

-

Jean Sweet

Executive Secretary

Utah Division of Oil, Gas and Mining

801-538-5329

This will publish Dec. 17. Thank you. Merry Christmas.

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

December 12, 2013

VIA E-MAIL naclegal@mediaoneutah.com

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

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-415

To Whom It May Concern:

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

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

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

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

12/12/2013

State of Utah Mail - Proof for Notice



Jean Sweet <jsweet@utah.gov>

Proof for Notice

1 message

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

Thu, Dec 12, 2013 at 12:34 PM

AD# 927358
Run SL Trib & Des News 12/13
Cost \$478.76
Thank You

 **OrderConf.pdf**
185K

Order Confirmation for Ad #0000927358-01

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

Total Amount	\$478.76			
Payment Amt	\$0.00			
Amount Due	\$478.76	Tear Sheets	Proofs	Affidavits
		0	0	1
Payment Method		PO Number	Newfield Cause UIC-4	
Confirmation Notes:				
Text:	Jean			

Ad Type	Ad Size	Color
Legal Liner	3.0 X 94 Li	<NONE>

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	12/13/2013	
Product	Placement	Position
Deseret News::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	12/13/2013	
Product	Placement	Position
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	12/13/2013	

**Order Confirmation
for Ad #0000927358-01**

Ad Content Proof Actual Size

NEWFIELD



Newfield Exploration Company

1001 17th Street | Suite 2000

Denver, Colorado 80202

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

December 5, 2013

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

RE: Permit Application for Water Injection Well
Federal #2-19-9-16
Monument Butte Field, Lease #UTU-64379
Section 19-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #2-19-9-16 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

RECEIVED

DEC 06 2013

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #2-19-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-64379
DECEMBER 5, 2013

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ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
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ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED – 6/10/09 – 7/1/2009
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

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

Well Name and number: Federal #2-19-9-16
Field or Unit name: Monument Butte (Green River) Lease No. UTU-64379
Well Location: QQ NWNE section 19 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? Yes [X] No []
Will the proposed well be used for: Enhanced Recovery? Yes [X] No []
Disposal? Yes [] No [X]
Storage? Yes [] No [X]
Is this application for a new well to be drilled? Yes [] No [X]
If this application is for an existing well,
has a casing test been performed on the well? Yes [] No [X]
Date of test: _____
API number: 43-013-33063

Proposed injection interval: from 3755 to 5784
Proposed maximum injection: rate 500 bpd pressure 1831 psig
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2
mile of the well.

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

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

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

Name: Jill L Loyle Signature Jill L Loyle
Title Regulatory Associate Date 12/5/13
Phone No. (303)383-4135

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

Comments:

Federal 2-19-9-16

Spud Date: 5/21/2009
 Put on Production: 6/30/2009
 GL: 5966' KB: 5978'

Proposed Injection Wellbore Diagram

SURFACE CASING

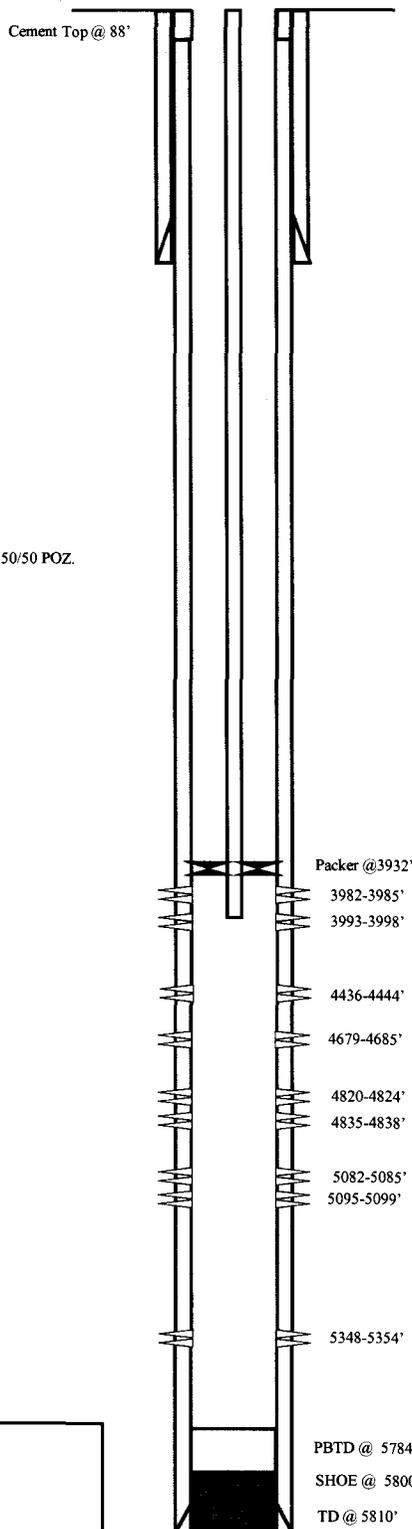
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (276')
 DEPTH LANDED: 328'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 220 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 145 jts. (5772')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5799.81'
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 88'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 173 jts (5325')
 TUBING ANCHOR: 5337'
 NO. OF JOINTS: 1 jts (30.9')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5371' KB
 NO. OF JOINTS: 2 jts (61.7')
 TOTAL STRING LENGTH: EOT @ 5434'



FRAC JOB

7-1-09	5348-5354'	Frac CP1 sands as follows: Frac with 19980# 20/40 sand in 165 bbls Lightning 17 fluid.
7-1-09	5082-5099'	Frac LODC sands as follows: Frac with 25343# 20/40 sand in 207 bbls Lightning 17 fluid.
7-1-09	4820-4838'	Frac A1 sands as follows: Frac with 25225# 20/40 sand in 206 bbls Lightning 17 fluid.
7-1-09	4679-4685'	Frac B1 sands as follows: Frac with 31161# 20/40 sand in 248 bbls Lightning 17 fluid.
7-1-09	4436-4444'	Frac D1 sands as follows: Frac with 81584# 20/40 sand in 472 bbls Lightning 17 fluid.
7-1-09	3982-3998'	Frac GB6 sands as follows: Frac with 85303# 20/40 sand in 491 bbls Lightning 17 fluid.

PERFORATION RECORD

5348-5354'	3 JSPF	18 holes
5095-5099'	3 JSPF	12 holes
5082-5085'	3 JSPF	9 holes
4835-4838'	3 JSPF	9 holes
4820-4824'	3 JSPF	12 holes
4679-4685'	3 JSPF	18 holes
4436-4444'	3 JSPF	24 holes
3993-3998'	3 JSPF	15 holes
3982-3985'	3 JSPF	9 holes

NEWFIELD



Federal 2-19-9-16
 821' FNL & 2093' FEL NW/NE
 Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33063; Lease #UTU-64379

WORK PROCEDURE FOR INJECTION CONVERSION

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

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

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

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

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

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

See Attachment A.

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

Approval is requested to convert the Federal #2-19-9-16 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 #2-19-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3755' - 5784'). 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 3429' 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 #2-19-9-16 is on file with the Utah Division of Oil, Gas and Mining.

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

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

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

See Attachment B.

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

See Attachment C.

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

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

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

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

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

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

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

See Attachments A and B.

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

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

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

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

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

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

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

The casing program is 8-5/8", 24# surface casing run to 328' KB, and 5-1/2", 15.5# casing run from surface to 5800' 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 1831 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 #2-19-9-16, for existing perforations (4436' - 5354') calculates at 0.83 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 1831 psig. We may add additional perforations between 3429' 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 #2-19-9-16, the proposed injection zone (3755' - 5784') 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-10.

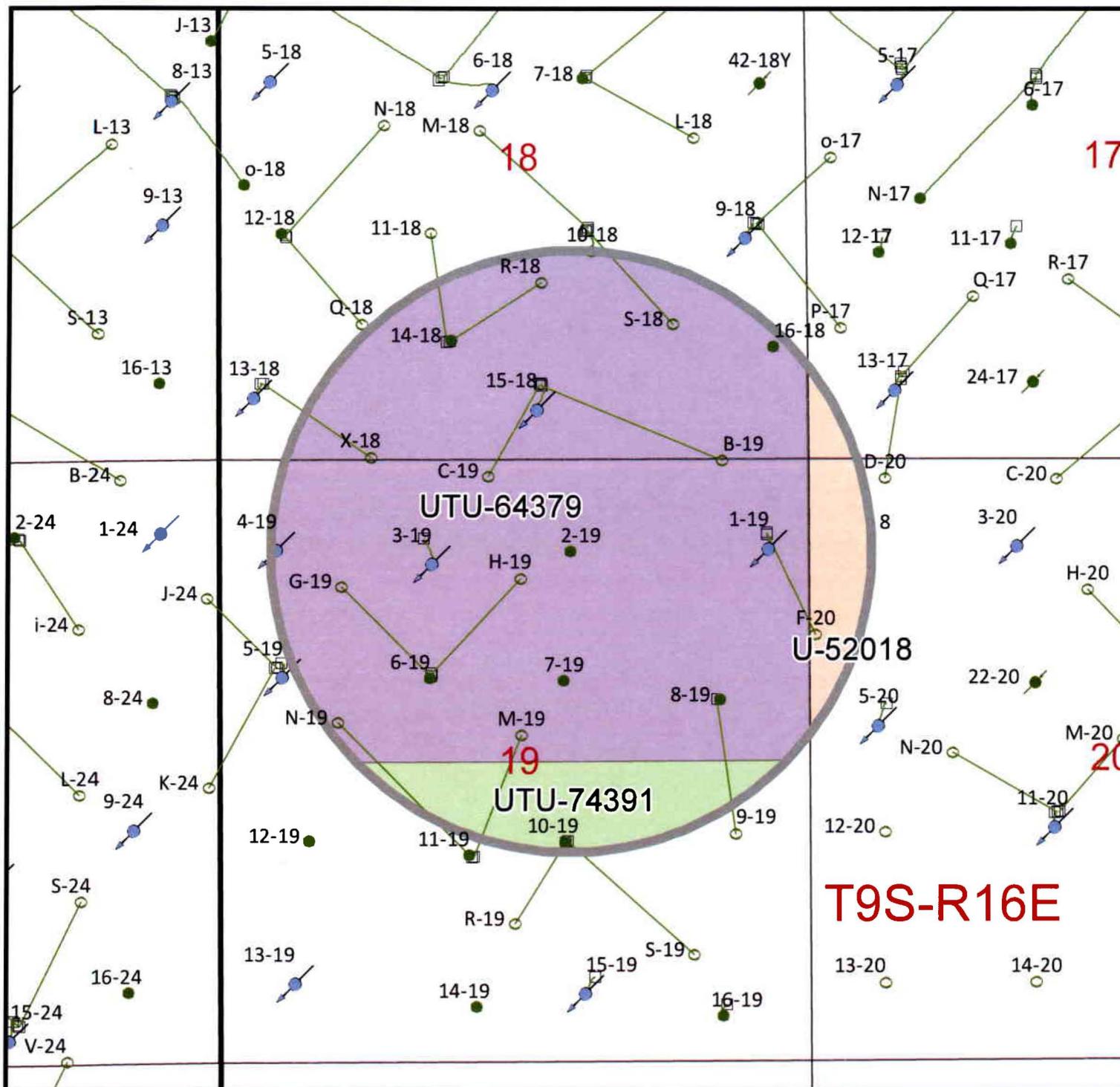
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

2.12 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

- U-52018
- UTU-64379
- UTU-74391

Well Status

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

Federal 2-19-9-16
Section 19, T9S-R16E

NEWFIELD
ROCKY MOUNTAINS^{1 in = 1,250 feet}

1/2 Mile Radius Map

Duchesne County

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

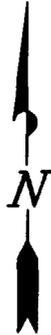
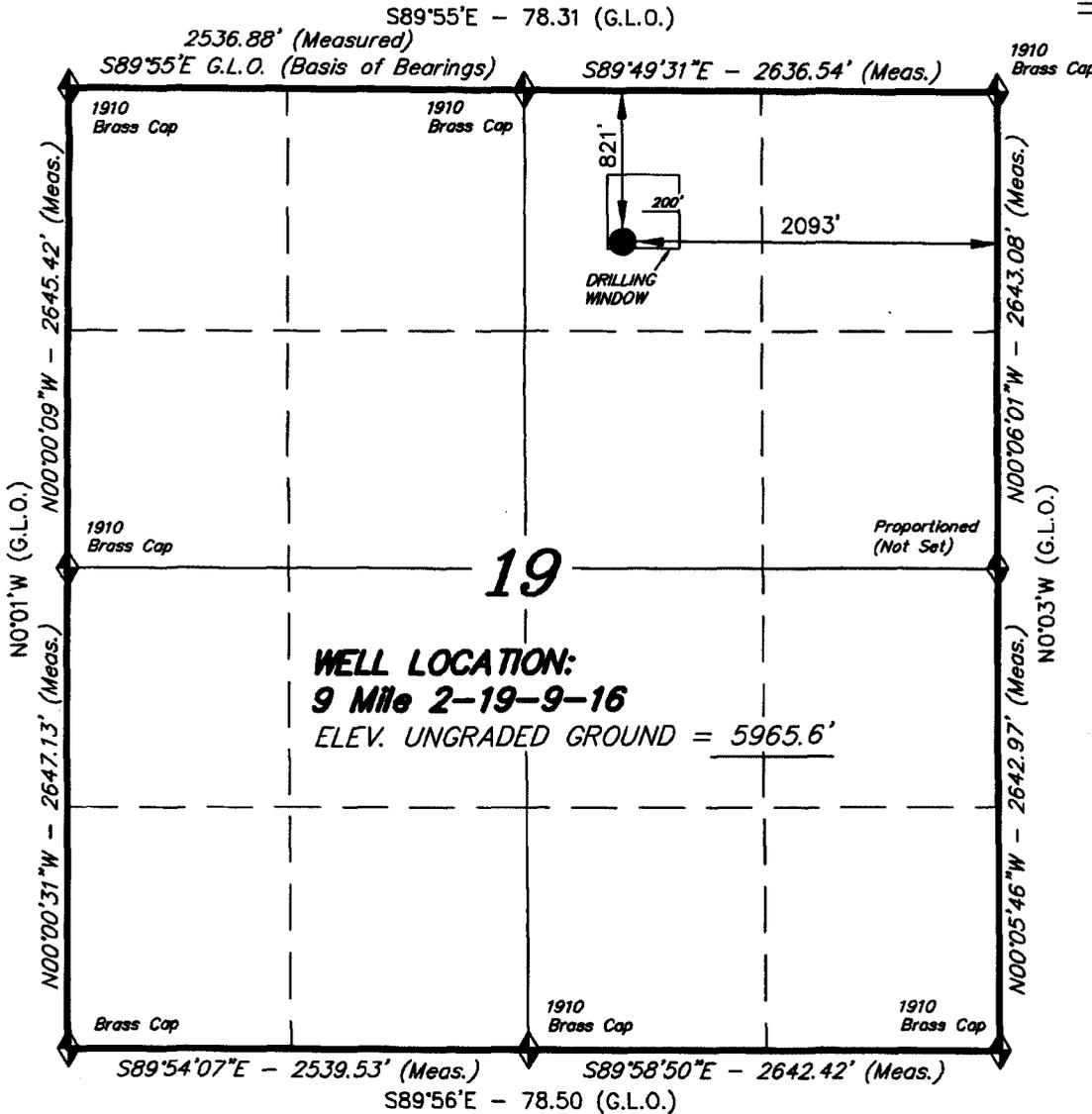
Nov. 7, 2013

T9S-R16E

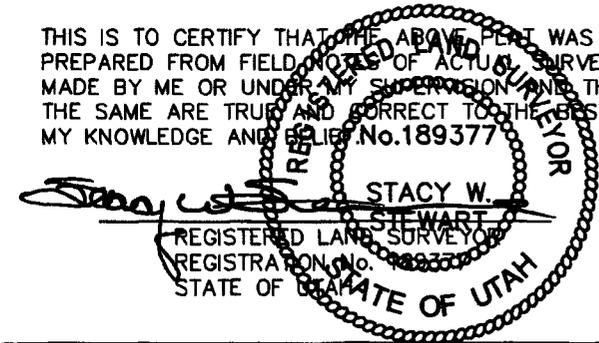
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 Mile 2-19-9-16,
 LOCATED AS SHOWN IN THE NW 1/4 NE
 1/4 OF SECTION 19, T9S, R16E,
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



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



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

9 Mile 2-19-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 01' 17.19"
 LONGITUDE = 110° 09' 36.29"

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 1-4-06	SURVEYED BY: C.M.
DATE DRAWN: 1-6-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 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 19: E2SW, SE, LOTS 3, 4 Section 20: S2 Section 29: All Section 30: All	USA UTU-74391 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA
3	T9S-R16E SLM Section 17: S2 Section 20: N2	USA UTU-52018 HBP	Newfield Production Company Newfield RMI LLC	USA

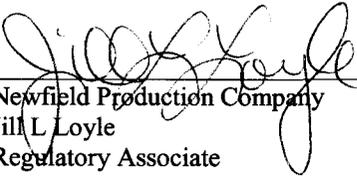
ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #2-19-9-16

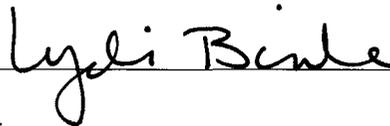
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____


Newfield Production Company
Jill L. Loyle
Regulatory Associate

Sworn to and subscribed before me this 5th day of December, 2013.

Notary Public in and for the State of Colorado: _____



My Commission Expires: 12/31/15

LYDIA BIONDO
Notary Public
State of Colorado

Federal 2-19-9-16

Spud Date: 5/21/2009
 Put on Production: 6/30/2009
 GL: 5966' KB: 5978'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (276')
 DEPTH LANDED: 328'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 220 sxs Class "G" cmt

PRODUCTION CASING

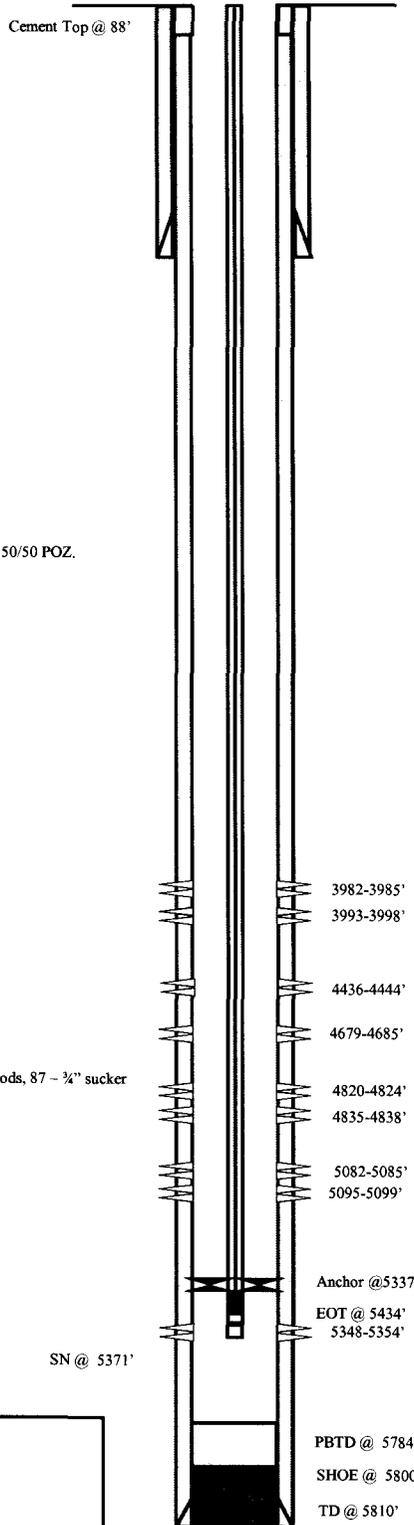
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 145 jts. (5772')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5799.81'
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 88'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 173 jts (5325')
 TUBING ANCHOR: 5337'
 NO. OF JOINTS: 1 jts (30.9')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5371' KB
 NO. OF JOINTS: 2 jts (61.7')
 TOTAL STRING LENGTH: EOT @ 5434'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 1 - 4' x 3/4" pony rods, 101 - 3/4" guided rods, 87 - 3/4" sucker rods, 20 - 3/4" guided rods, 6 - 1 1/2" weight bars
 PUMP SIZE: 2 1/2 x 1 1/2 x 20' RHAC
 STROKE LENGTH: 100
 PUMP SPEED: SPM 5



FRAC JOB

7-1-09	5348-5354'	Frac CP1 sands as follows: Frac with 19980# 20/40 sand in 165 bbls Lightning 17 fluid.
7-1-09	5082-5099'	Frac LODC sands as follows: Frac with 25343# 20/40 sand in 207 bbls Lightning 17 fluid.
7-1-09	4820-4838'	Frac A1 sands as follows: Frac with 25225# 20/40 sand in 206 bbls Lightning 17 fluid.
7-1-09	4679-4685'	Frac B1 sands as follows: Frac with 31161# 20/40 sand in 248 bbls Lightning 17 fluid.
7-1-09	4436-4444'	Frac D1 sands as follows: Frac with 81584# 20/40 sand in 472 bbls Lightning 17 fluid.
7-1-09	3982-3998'	Frac GB6 sands as follows: Frac with 85303# 20/40 sand in 491 bbls Lightning 17 fluid.

PERFORATION RECORD

5348-5354'	3 JSPF	18 holes
5095-5099'	3 JSPF	12 holes
5082-5085'	3 JSPF	9 holes
4835-4838'	3 JSPF	9 holes
4820-4824'	3 JSPF	12 holes
4679-4685'	3 JSPF	18 holes
4436-4444'	3 JSPF	24 holes
3993-3998'	3 JSPF	15 holes
3982-3985'	3 JSPF	9 holes



Federal 2-19-9-16
 821' FNL & 2093' FEL NW/NE
 Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33063; Lease #UTU-64379

Federal 1-19-9-16

Spud Date: 7-25-07
 Put on Production: 09-11-07
 GL: 6123' KB: 6135'

Injection Wellbore Diagram

SURFACE CASING

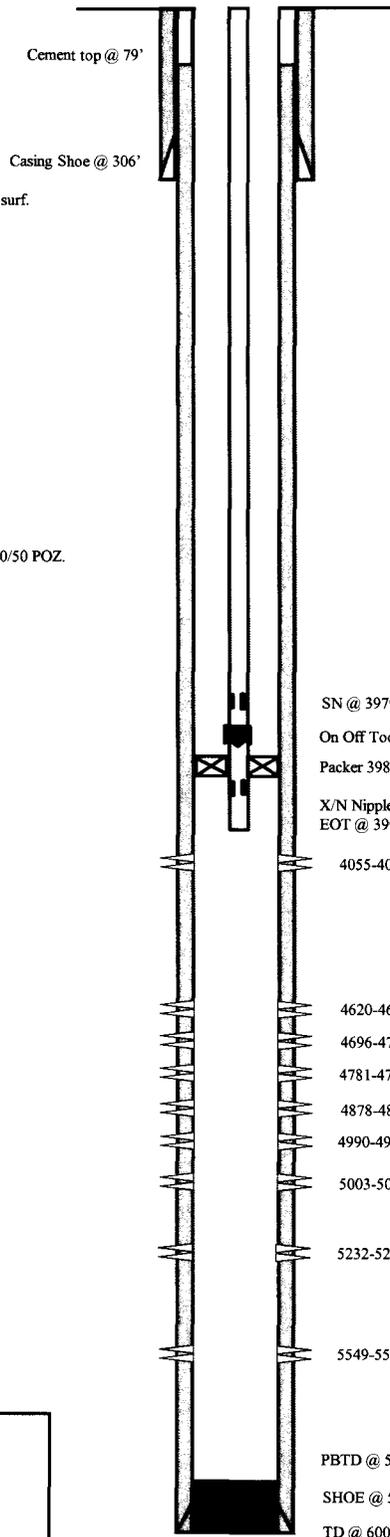
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (295.87')
 DEPTH LANDED: 306.47' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 154 jts. (5969.80')
 DEPTH LANDED: 5983.05' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 79'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 126 jts (3967.2')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 3979.2' KB
 ON/OFF TOOL AT: 3980.3'
 ARROW #1 PACKER CE AT: 3985'
 XO 2-3/8 x 2-7/8 J-55 AT: 3989.1'
 TBG PUP 2-3/8 J-55 AT: 3989.6'
 X/N NIPPLE AT: 3993.7'
 TOTAL STRING LENGTH: EOT @ 3995'



FRAC JOB

09-05-07	5549-5556'	Frac C P1 sands as follows: 15110# 20/40 sand in 296 bbls Lightning 17 frac fluid. Treated @ avg press of 2353 psi w/avg rate of 24.9 BPM. ISIP 2692 psi. Calc flush: 5547 gal. Actual flush: 5040 gal.
09-05-07	5232-5247'	Frac LODC sands as follows: 50233# 20/40 sand in 463 bbls Lightning 17 frac fluid. Treated @ avg press of 2511 psi w/avg rate of 24.8 BPM. ISIP 2464 psi. Calc flush: 5230 gal. Actual flush: 4746 gal.
09-05-07	4990-5010'	Frac A1 sands as follows: 20077# 20/40 sand in 311 bbls Lightning 17 frac fluid. Treated @ avg press of 2085 psi w/avg rate of 24.7 BPM. ISIP 2373 psi. Calc flush: 4988 gal. Actual flush: 4536 gal.
09-05-07	4878-4891'	Frac B2 sand as follows: 49985# 20/40 sand in 456 bbls Lightning 17 frac fluid. Treated @ avg press of 1957 w/ avg rate of 24.8 BPM. ISIP 2153 psi. Calc flush: 4876 gal. Actual flush: 4410 gal.
09-06-07	4781-4788'	Frac C sand as follows: 19649# 20/40 sand in 311 bbls Lightning 17 frac fluid. Treated @ avg press of 2398 w/ avg rate of 24.7 BPM. ISIP 2579 psi. Calc flush: 4779 gal. Actual flush: 4326 gal.
09-06-07	4696-4706'	Frac D2 sand as follows: 40012# 20/40 sand in 408 bbls Lightning 17 frac fluid. Treated @ avg press of 1750 w/ avg rate of 24.8 BPM. ISIP 2092 psi. Calc flush: 4694 gal. Actual flush: 4242 gal.
09-06-07	4620-4629'	Frac D1 sand as follows: 30099# 20/40 sand in 389 bbls Lightning 17 frac fluid. Treated @ avg press of 1725 w/ avg rate of 24.8 BPM. ISIP 2003 psi. Calc flush: 4618 gal. Actual flush: 4074 gal.
09-06-07	4055-4062'	Frac GB2 sand as follows: 22242# 20/40 sand in 321 bbls Lightning 17 frac fluid. Treated @ avg press of 1516 w/ avg rate of 24.8 BPM. ISIP 1371 psi. Calc flush: 4053 gal. Actual flush: 3948 gal.

Convert to Injection Well
Conversion MIT Finalized -update tbg detail

PERFORATION RECORD

08-29-07	5549-5556'	4 JSPF	28 holes
09-05-07	5232-5247'	4 JSPF	60 holes
09-05-07	5003-5010'	4 JSPF	28 holes
09-05-07	4990-4996'	4 JSPF	24 holes
09-05-07	4878-4891'	4 JSPF	52 holes
09-05-07	4781-4788'	4 JSPF	28 holes
09-06-07	4696-4706'	4 JSPF	40 holes
09-06-07	4620-4629'	4 JSPF	36 holes
09-06-07	4055-4062'	4 JSPF	28 holes

NEWFIELD



Federal 1-19-9-16
 688' FNL & 355' FEL
 NE/NE Section 19-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33062; Lease # UTU-64379

FEDERAL 3-19-9-16

Spud Date: 09/12/07
 Put on Production: 10/11/07
 GL: 6131' KB: 6143'

Injection Wellbore Diagram

SURFACE CASING

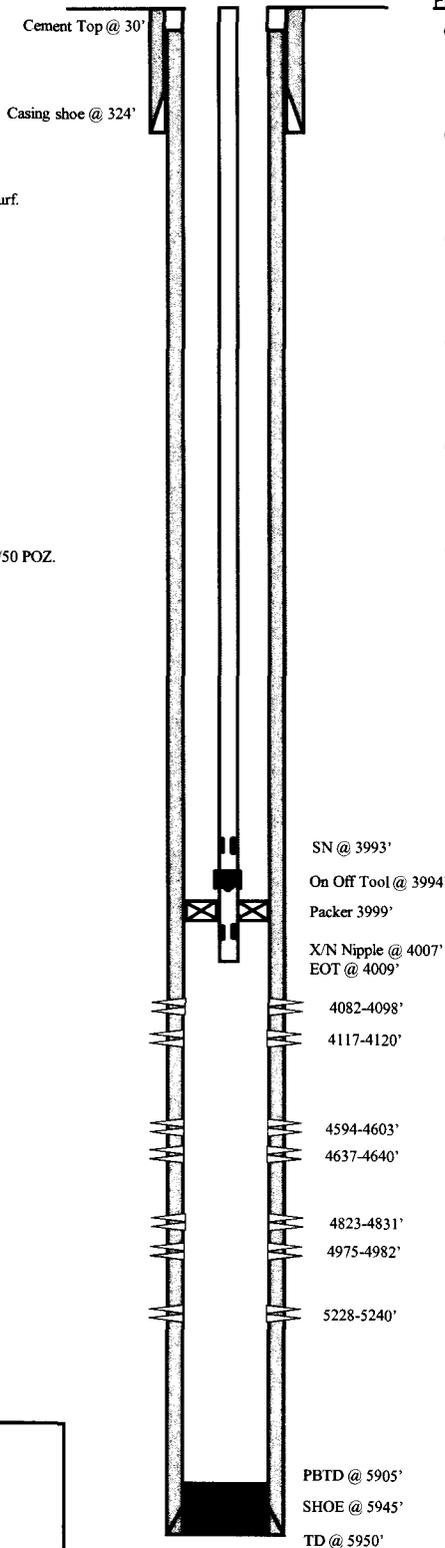
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.15')
 DEPTH LANDED: 324.27' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 153 jts. (5897.02')
 DEPTH LANDED: 5945.27' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 440 sxs 50/50 POZ.
 CEMENT TOP: 30'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 129 jts (3981.0')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 3993' KB
 ON/OFF TOOL AT: 3994.1'
 SEAL NIPPLE AT: 3995.6'
 ARROW #1 PACKER CE AT: 3999'
 XO 2-3/8 x 2-7/8 J-55 AT: 4002.9'
 TBG PUP 2-3/8 J-55 AT: 4003.3'
 X/N NIPPLE AT: 4007.4'
 TOTAL STRING LENGTH: EOT @ 4009'



FRAC JOB

06/27/07	5228-5240'	Frac LODC sands as follows: 45550# 20/40 sand in 450 bbls Lightning 17 frac fluid. Treated @ avg press of 1899 psi w/avg rate of 24.7 BPM. ISIP 2160 psi. Calc flush: 5226 gal. Actual flush: 4746 gal.
06/27/07	4975-4982'	Frac A1 sands as follows: 24422# 20/40 sand in 350 bbls Lightning 17 frac fluid. Treated @ avg press of 2402 psi w/avg rate of 24.9 BPM. ISIP 2248 psi. Calc flush: 4973 gal. Actual flush: 4494 gal.
06/27/07	4823-4831'	Frac B.5 sands as follows: 29655# 20/40 sand in 390 bbls Lightning 17 frac fluid. Treated @ avg press of 2022 psi w/avg rate of 24.8 BPM. ISIP 1907 psi. Calc flush: 4821 gal. Actual flush: 4326 gal.
06/27/07	4594-4603'	Frac D1 sands as follows: 69977# 20/40 sand in 571 bbls Lightning 17 frac fluid. Treated @ avg press of 1748 psi w/avg rate of 24.8 BPM. ISIP 1927 psi. Calc flush: 4592 gal. Actual flush: 4074 gal.
06/27/07	4082-4098'	Frac GB4 sands as follows: 84076# 20/40 sand in 655 bbls Lightning 17 frac fluid. Treated @ avg press of 1625 psi w/avg rate of 24.8 BPM. ISIP 1836 psi. Calc flush: 4080 gal. Actual flush: 3990 gal.
09/17/10		Pump Change. Rod & tubing detail updated.
10/05/12	4637-4640'	Frac D2 sands as follows: 23809# 20/40 sand in 239 bbls Lightning 17 frac fluid.
10/05/12	4117-4120'	Frac GB6 sands as follows: 19413# 20/40 sand in 193 bbls Lightning 17 frac fluid.
10/09/12		Convert to Injection well
10/12/12		Conversion MIT Finalized -- update tbg detail

PERFORATION RECORD

10/11/07	5228-5240'	4 JSPF	48 holes
10/11/07	4975-4982'	4 JSPF	28 holes
10/11/07	4823-4831'	4 JSPF	32 holes
10/11/07	4594-4603'	4 JSPF	36 holes
10/11/07	4082-4098'	4 JSPF	64 holes
10/03/12	4637-4640'	3 JSPF	9 holes
10/03/12	4117-4120'	3 JSPF	9 holes



FEDERAL 3-19-9-16
 699'FNL & 1802' FWL
 NE/NW Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33064; Lease # UTU-64379

FEDERAL 4-19-9-16

Spud Date: 09/21/07
 Put on Production: 10/16/07
 GL: 6147' KB: 6159'

Injection Wellbore Diagram

SURFACE CASING

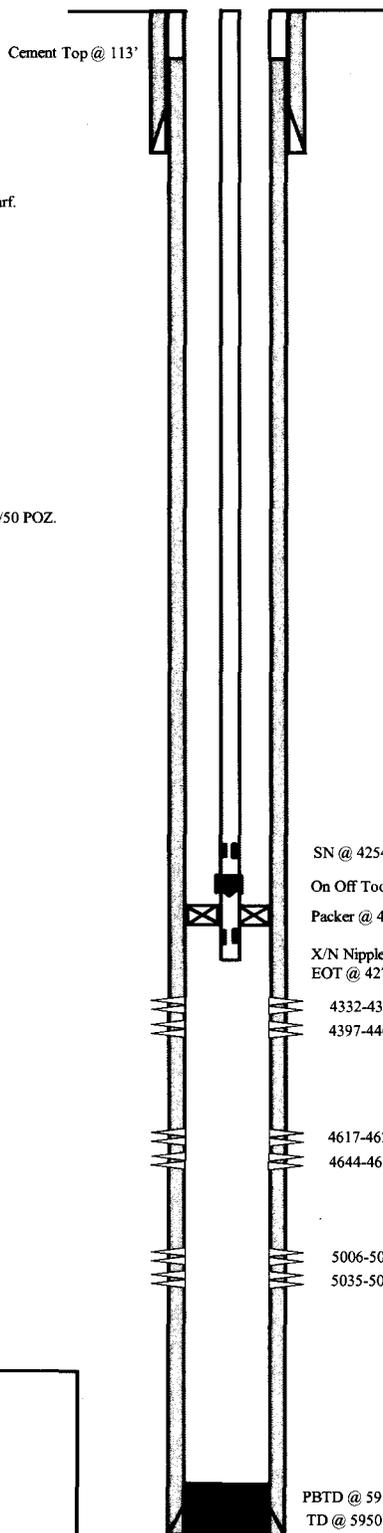
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (318.36')
 DEPTH LANDED: 318.43' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 154 jts. (5940.31')
 DEPTH LANDED: 5953.56' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP: 113'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 136 jts (4244')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4254' KB
 ON/OFF TOOL AT: 4255.1'
 ARROW #1 PACKER CE AT: 4260.3'
 XO 2-3/8 x 2-7/8 J-55 AT: 4263.7'
 TBG PUP 2-3/8 J-55 AT: 4264.2'
 X/N NIPPLE AT: 4268.3'
 TOTAL STRING LENGTH: EOT @ 4270.07'



FRAC JOB

10/24/07 5006-5040' **Frac A1 & A3 sands as follows:**
 59956# 20/40 sand in 510 bbls Lightning 17 frac fluid. Treated @ avg press of 2310 psi w/avg rate of 27.4 BPM. ISIP 2530 psi. Calc flush: 5004 gal. Actual flush: 4494 gal.

10/24/07 4617-4652' **Frac D1 & D2 sands as follows:**
 60019# 20/40 sand in 499 bbl Lightning 17 frac fluid. Treated @ avg press of 1873 psi w/avg rate of 24.8 BPM. ISIP 2145 psi. Calc flush: 4615 gal. Actual flush: 4116 gal.

10/24/07 4332-4404' **Frac PB10 & PB11 sands as follows:**
 38622# 20/40 sand in 415 bbls Lightning 17 frac fluid. Treated @ avg press of 2107 psi w/avg rate of 24.8 BPM. ISIP 2145 psi. Calc flush: 4330 gal. Actual flush: 4200 gal.

6/11/08 **Stuck pump.** Updated tubing and rod detail
 6/18/09 **Tubing Leak.** Updated rod & tubing details.
 10-6-10 **Parted Rods.** Update rod and tubing details.
 09/26/13 **Convert to Injection Well**
 10/01/13 **Conversion MIT Finalized** - update tbg detail

PERFORATION RECORD

5035-5040'	4 JSPF	20 holes
5006-5015'	4 JSPF	36 holes
4644-4652'	4 JSPF	32 holes
4617-4621'	4 JSPF	16 holes
4397-4404'	4 JSPF	28 holes
4332-4338'	4 JSPF	24 holes

NEWFIELD

FEDERAL 4-19-9-16
 795' FNL & 507' FWL
 NW/NW Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33065; Lease # UTU-64379

FEDERAL 6-19-9-16

Spud Date: 05/13/07
 Put on Production: 06/12/07
 GL: 5988' KB: 6000'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.05')
 DEPTH LANDED: 323.90' 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: 131 jts. (5758.79')
 DEPTH LANDED: 5772.04' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP: 74'

TUBING

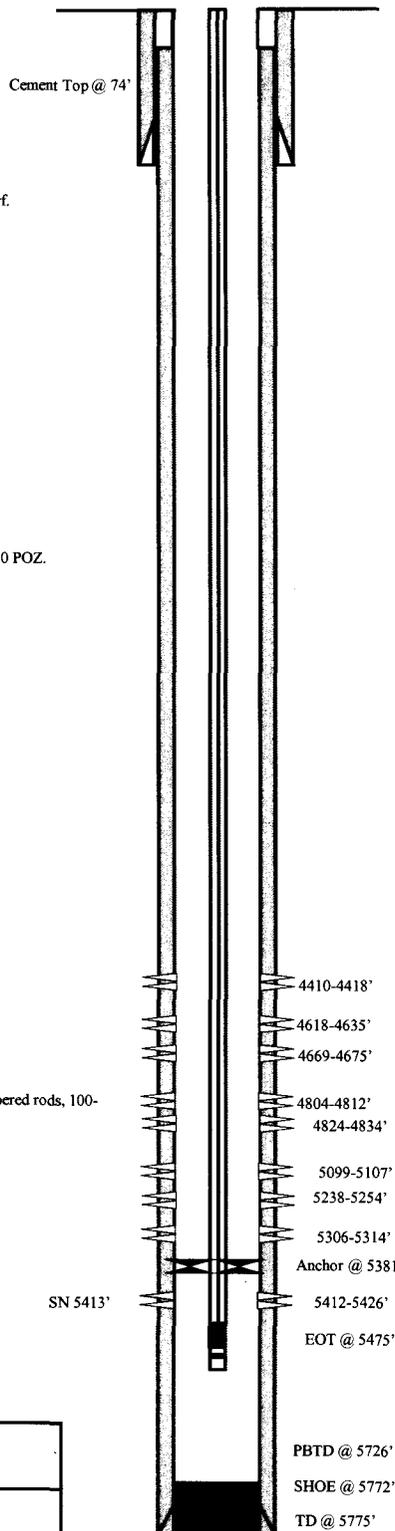
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 173 jts (5368.53')
 TUBING ANCHOR: 5380.53' KB
 NO. OF JOINTS: 1 jts (29.45')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5412.78' KB
 NO. OF JOINTS: 2 jts (60.64')
 TOTAL STRING LENGTH: EOT @ 5474.97' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 1-4' & 1-8' x 3/4" pony rods, 100-3/4" scraped rods, 100-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 20' RHAC
 STROKE LENGTH: 102"
 PUMP SPEED, 4.5 SPM:

FRAC JOB

06/07/07	5412-5426'	Frac CP3 sands as follows: 34633# 20/40 sand in 371 bbls Lightning 17 frac fluid. Treated @ avg press of 2052 psi w/avg rate of 24.7 BPM. ISIP 2154 psi. Calc flush: 5410 gal. Actual flush: 4906 gal.
06/08/07	5306-5314'	Frac CP1 sands as follows: 24825# 20/40 sand in 338 bbls Lightning 17 frac fluid. Treated @ avg press of 2394 psi w/avg rate of 24.7 BPM. ISIP 2353 psi. Calc flush: 5304 gal. Actual flush: 4843 gal.
06/08/07	5238-5254'	Frac LODC sands as follows: 69984# 20/40 sand in 557 bbls Lightning 17 frac fluid. Treated @ avg press of 2189 psi w/avg rate of 24.7 BPM. ISIP 2569 psi. Calc flush: 5236 gal. Actual flush: 4729 gal.
06/08/07	5099-5107'	Frac LODC sands as follows: 44824# 20/40 sand in 411 bbls Lightning 17 frac fluid. Treated @ avg press of 2128 psi w/avg rate of 24.7 BPM. ISIP 2388 psi. Calc flush: 5097 gal. Actual flush: 4591 gal
06/08/07	4804-4834'	Frac A1&A3 sands as follows: 84070# 20/40 sand in 625 bbls Lightning 17 frac fluid. Treated @ avg press of 1849 psi w/avg rate of 24.7 BPM. ISIP 2309 psi. Calc flush: 4802 gal. Actual flush: 4339 gal
06/08/07	4618-4675'	Frac B1 & B2 sands as follows: 136676# 20/40 sand in 945 bbls Lightning 17 frac fluid. Treated @ avg press of 1720 psi w/avg rate of 24.7 BPM. ISIP 2016 psi. Calc flush: 4616 gal. Actual flush: 4154 gal
06/08/07	4410-4418'	Frac D1 sands as follows: 36368# 20/40 sand in 369 bbls Lightning 17 frac fluid. Treated @ avg press of 1565 psi w/avg rate of 24.7 BPM. ISIP 1650 psi. Calc flush: 4408 gal. Actual flush: 4368 gal



PERFORATION RECORD

06/05/07	5412-5426'	4 JSPF	56 holes
06/07/07	5306-5314'	4 JSPF	32 holes
06/07/07	5238-5254'	4 JSPF	64 holes
06/08/07	5099-5107'	4 JSPF	32 holes
06/08/07	4824-4834'	4 JSPF	40 holes
06/08/07	4804-4812'	4 JSPF	32 holes
06/08/07	4669-4675'	4 JSPF	24 holes
06/08/07	4618-4635'	4 JSPF	68 holes
06/08/07	4410-4418'	4 JSPF	32 holes

NEWFIELD

FEDERAL 6-19-9-16

1941' FNL & 1851' FWL
 SE/NW Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33100; Lease # UTU-64379

Attachment E-5

FEDERAL 7-19-9-16

Spud Date: 09/25/07
 Put on Production: 12/06/07
 GL: 6137' KB: 6149'

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (312.36')
 DEPTH LANDED: 316.01' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160. sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

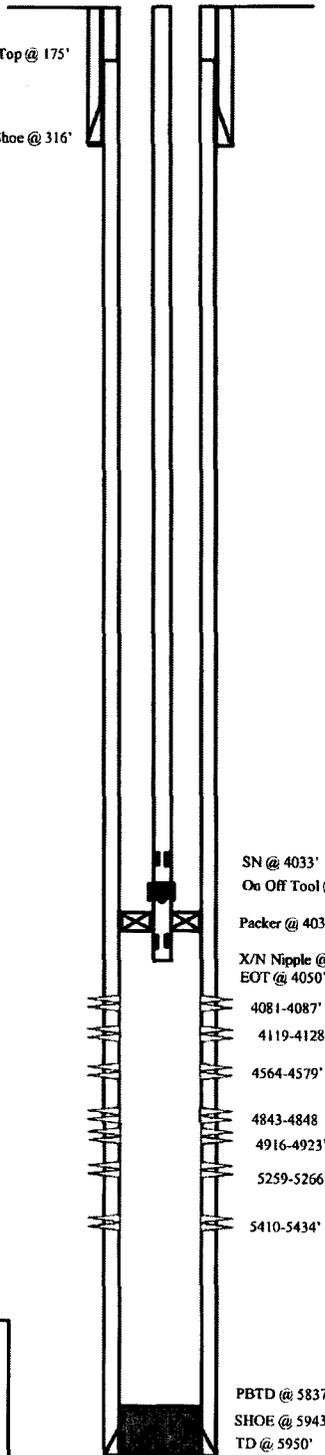
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 138 jts (5929.84')
 DEPTH LANDED: 5943.09' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP: 175'

TUBING

SIZE/GRADE/WT : 2-7/8" / J-55 / 6.5#
 NO OF JOINTS: 128 jts (4021')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4033' KB
 ON/OFF TOOL AT: 4034.1'
 ARROW #1 PACKER CE AT: 4039.4'
 XO 2-3/8 x 2-7/8 J-55 AT: 4043.5'
 TBG PUP 2-3/8 J-55 AT: 4044'
 X/N NIPPLE AT: 4048.2'
 TOTAL STRING LENGTH: EOT @ 4049.7'

FRAC JOB

11/19/07	5410-5434'	Frac LODC sands as follows: 10920# 20/40 sand in 819 bbls Lightning 17 frac fluid. Treated @ avg press of 2224 psi w/avg rate of 23.1 BPM. ISIP 2660 psi. Calc flush: 5408 gal. Actual flush: 4906 gal.
11/28/07	5259-5266'	Frac LODC sands as follows: 39849# 20/40 sand in 409 bbl Lightning 17 frac fluid. Treated @ avg press of 2270 psi w/avg rate of 22.9 BPM. ISIP 2197 psi. Calc flush: 5257 gal. Actual flush: 4759 gal.
11/28/07	4916-4923'	Frac A.5 sands as follows: 190567# 20/40 sand in 298 bbl Lightning 17 frac fluid. Treated @ avg press of 2017 psi w/avg rate of 23.1 BPM. ISIP 2175 psi. Calc flush: 4914 gal. Actual flush: 4410 gal.
11/28/07	4843-4848'	Frac B1 sands as follows: 14207# 20/40 sand in 260 bbl Lightning 17 frac fluid. Treated @ avg press of 2112 psi w/avg rate of 23.1 BPM. ISIP 1944 psi. Calc flush: 4842 gal. Actual flush: 4343 gal.
11/28/07	4564-4579'	Frac D1 sands as follows: 79967# 20/40 sand in 617 bbl Lightning 17 frac fluid. Treated @ avg press of 1666 psi w/avg rate of 23.1 BPM. ISIP 1984 psi. Calc flush: 4564 gal. Actual flush: 4579 gal.
11/28/07	4081-4128'	Frac GB6 & GB4 sands as follows: 39102# 20/40 sand in 395 bbls Lightning 17 frac fluid. Treated @ avg press of 1725 psi w/avg rate of 23.1 BPM. ISIP 1731 psi. Calc flush: 4562 gal. Actual flush: 3990 gal.
5/5/09		Pump Change. Updated r & t details
01/20/14		Convert to Injection Well
01/21/14		Conversion MIT Finalized - update tbg detail



PERFORATION RECORD

Date	Depth Range	Tool	Holes
10/11/07	4081-4128'	4 JSPF	188 holes
10/11/07	4584-4598'	4 JSPF	56 holes
10/11/07	4828-4837'	4 JSPF	36 holes
10/11/07	4976-4985'	4 JSPF	36 holes
10/11/07	5236-5272'	4 JSPF	144 holes
10/11/07	5649-5658'	4 JSPF	36 holes

NEWFIELD

FEDERAL 7-19-9-16
 1958' FNI. & 2161' FEI.
 SW/NE Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33158; Lease # UTU-64379

Spud Date: 10-25-07
 Put on Production: 12-6-07
 GL: 5984' KB: 5996'

Federal 8-19-9-16

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (309.39')
 DEPTH LANDED: 320.29'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

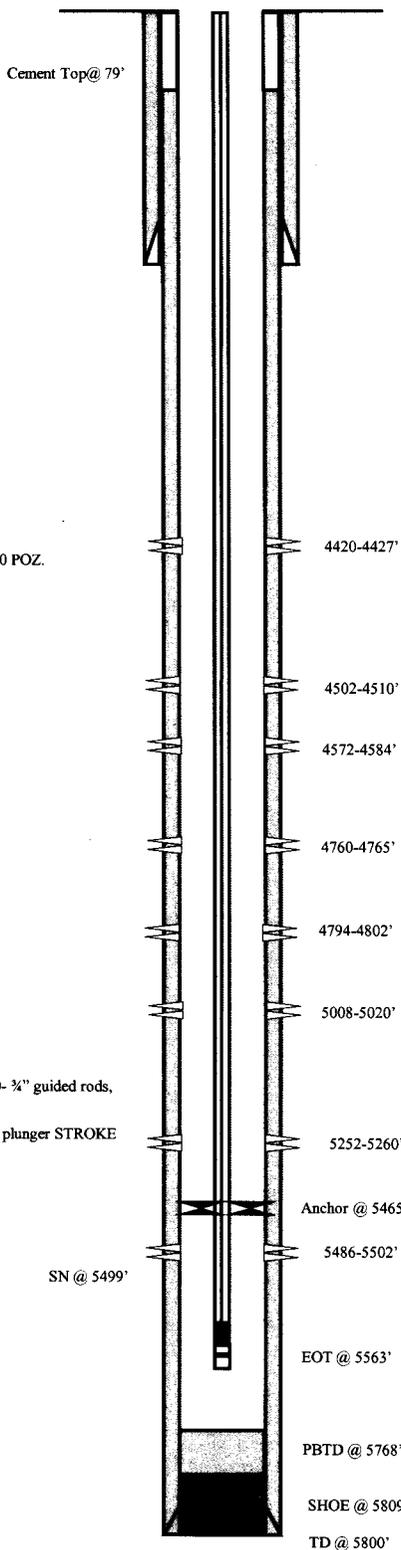
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 150jts. (5808.14')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5808.64'
 CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 79'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 174 jts (5464.5')
 TUBING ANCHOR: 5464.5'
 NO. OF JOINTS: 1 jts (31.40')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5498.7' KB
 NO. OF JOINTS: 2 jts (62.90')
 TOTAL STRING LENGTH: EOT @ 5563.0'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 99- 3/4" guided rods, 95- 3/4" guided rods, 20- 3/4" guided rods,
 6- 1 1/2" weight rods
 PUMP SIZE: 2-1/2" x 1-1/2" x 16" x 20' RHAC pump w/ SM plunger STROKE
 LENGTH: 74"
 PUMP SPEED, SPM: 5.5'



FRAC JOB

11-20-07	5486-5502'	Frac CP3 sands as follows: Frac with 54412# 20/40 sand in 517bbls Lightning 17 fluid. Treat at 2115 psi @ 24.8 BPM. ISIP 2280 psi.
11-20-07	5252-5260'	Frac LODC sands as follows: Frac with 29857# 20/40 sand in 395 bbls Lightning 17 fluid. Treat at 2503psi @ 24.8 BPM. ISIP 2588psi.
11-21-07	5008-5020'	Frac LODC sands as follows: Frac with 40138# 20/40 sand in 375 bbls Lightning 17 fluid. Treat at 2470psi @ 24.8 BPM. ISIP 2715 psi.
11-21-07	4572-4584'	Frac C sand as follows: Frac with 14617# 20/40 sand in 263 bbls Lightning 17 fluid. Treat at 2150 psi @ 24.8 BPM. ISIP 1945 psi.
11-21-07	4502-4510'	Frac D3 sands as follows: Frac with 34878# 20/40 sand in 496 bbls Lightning 17 fluid. Treat at 2443 psi @ 23.5 BPM. ISIP 2230 psi.
11-28-07	4420-4427'	Frac D1 sands as follows: Frac with 55428# 20/40 sand in 553 bbls Lightning 17 fluid. Treat at 2201 psi @ 23.9 BPM. ISIP 2142 psi.
2/12/2010		Pump change. Updated rod and tubing.

PERFORATION RECORD

4420-4427'	4 JSPF	28 holes
4502-4510'	4 JSPF	32 holes
4572-4584'	4 JSPF	48 holes
4760-4765'	4 JSPF	20 holes
4794-4802'	4 JSPF	32 holes
5008-5020'	4 JSPF	48 holes
5252-5260'	4 JSPF	32 holes
5486-5502'	4 JSPF	64 holes

NEWFIELD

Federal 8-19-9-16
 2136' FNL & 785' FEL
 SENE Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33101; Lease #UTU-64379

Spud Date: 9/27/2007
 Put on Production: 1/9/2008
 GL:6181' KB:6193'

Federal 10-19-9-16

Initial Production: BOPD, MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7jts (311.69')
 DEPTH LANDED: 321.69'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160sxs of class 'G' cement, circ 2 bbls to surf

PRODUCTION CASING

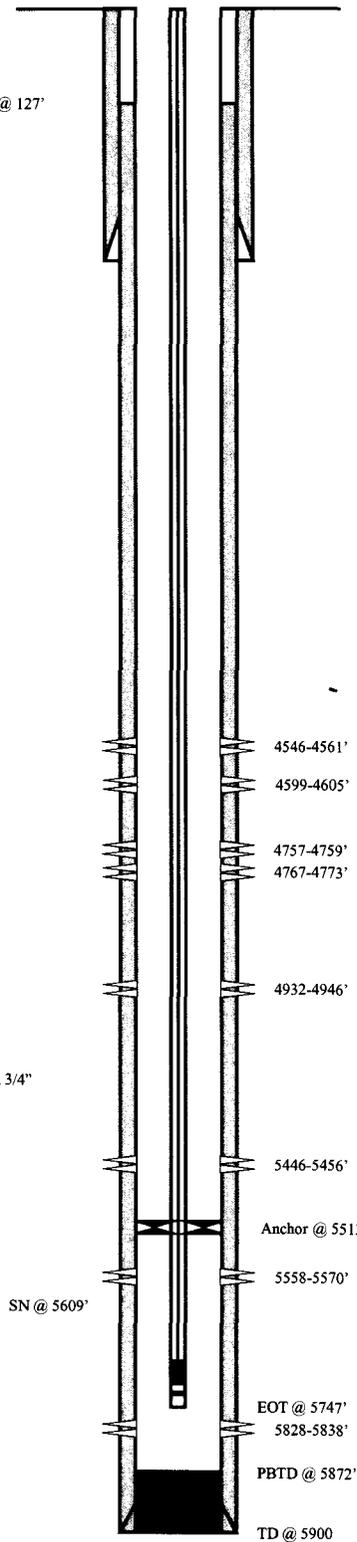
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 152jts (5894.79')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5883.99'
 CEMENT DATA: 300sxs of Primiite II & 400sxs of 50/50 poz
 CEMENT TOP AT: 127' per CBL 12/5/07

TUBING (KS 11/29/12)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 169jts (5501.0')
 TUBING ANCHOR: 5513.0'
 NO. OF JOINTS: 3jts (93.8')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5609.6'
 NO. OF JOINTS: 1jt (32.7')
 GAS ANCHOR: 5-1/2" (5.2')
 NIPPLE: 2-7/8" (0.6')
 NO. OF JOINTS: 3jts (97.6')
 BULL PLUG: 2-7/8" (0.4')
 TOTAL STRING LENGTH: EOT @ 5747'

SUCKER RODS (KS 11/29/12)

POLISHED ROD: 26' x 1-1/2"
 SUCKER RODS: 4', 8' x 3/4" Pony Rods, 99 x 3/4" Guided Rods, 91 x 3/4" Sucker Rods, 27 x 3/4" Guided Rods, 6 x 1-1/2" Sinker Bars
 PUMP SIZE: 2-1/2" x 1-1/2" x 20' x 24" RHAC
 STROKE LENGTH: 103"
 PUMP SPEED, SPM: 5.0
 PUMPING UNIT: DARCO C-320-256-120



FRAC JOB

12/14/07 5828'-5838' **Frac BS sds** w/ 37,662#s of 20/40 sand in 535 bbls of Lightning 17 fluid. Broke @ 3685 psi. Treated w/ ave pressure of 2385 psi w/ ave rate of 23.5 BPM. ISIP 2409 psi. Calc Flush: ? Actual flush: 5321 gals.

12/14/07 5558'-5570' **Frac CP3 sds** w/ 39,505#s of 20/40 sand in 465 bbls of Lightning 17 fluid. Broke @ 1750 psi. Treated w/ ave pressure of 2332 psi w/ ave rate of 20.6 BPM. ISIP 2282 psi. Calc flush: Actual Flush: 5048 gals.

12/14/07 5446'-5456' **Frac CP1 sds** w/ 50,243#s of 20/40 sand in 456 bbls of Lightning 17 fluid. Broke @ 1969 psi. Treated w/ ave pressure of 2121 psi w/ ave rate of 20.6 BPM. ISIP 2179 psi. Calc Flush: ? Actual Flush: 4855 gals.

12/14/07 4546'-4561' **Frac D1 & D2 sds** w/ 73,020#s of 20/40 sand in 652 bbls of Lightning 17 fluid. Broke @ 1605 psi. Treated w/ ave pressure of 1792 psi w/ ave rate of 20.7 BPM. ISIP 2037 psi. Calc flush: ? Actual Flush: 4460 gals.

10-1-08 Pump Change updated rod & tubing details.
 10-01-10 Recompletion

9-28-10 4932-4561' Frac w/44516# of Frac A1 20/40 sand on 255bbls of lightning 17 fluid.

9-28-10 4767-4773' Frac w/50785# of Frac A1 20/40 sand on 287bbls of lightning 17 fluid

PERFORATION RECORD

Date	Interval	Tool	Holes
12/06/07	5828-5838'	4 JSPF	40 holes
12/14/07	5558-5570'	4 JSPF	48 holes
12/14/07	5446-5456'	4 JSPF	40 holes
9/28/10	4932-4946'	4JSPF	42 holes
9/28/10	4767-4773'	4JSPF	18holes
9/28/10	4757-4759'	4JSPF	6 holes
12/14/07	4599-4605'	4 JSPF	24 holes
12/14/07	4546-4561'	4 JSPF	60 holes

NEWFIELD

Federal 10-19-9-16
 1890' FSL & 2146' FEL
 NW/SE Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33159; Lease #UTU-74391

FEDERAL 14-18-9-16

Spud Date: 09/17/07
 Put on Production: 10/26/07
 GL: 6117' KB: 6129'

Injection Wellbore Diagram

SURFACE CASING

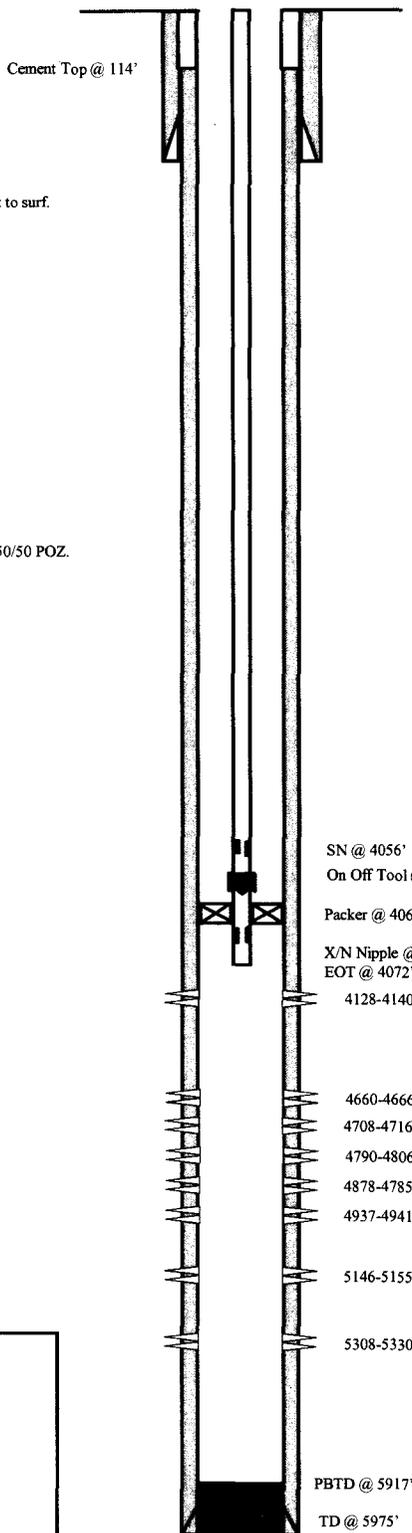
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (309.62')
 DEPTH LANDED: 321.47' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 155 jts. (5943.54')
 DEPTH LANDED: 5956.79' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP: 114'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 130 jts (4043.1')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4056.3' KB
 ON/OFF TOOL AT: 4057.4'
 ARROW #1 PACKER CE AT: 4062.5'
 XO 2-3/8 x 2-7/8 J-55 AT: 4066.2'
 TBG PUP 2-3/8 J-55 AT: 4066.7'
 X/N NIPPLE AT: 4070.8'
 TOTAL STRING LENGTH: EOT @ 4072.41'



FRAC JOB

10/17/07	5308-5330'	Frac LODC sands as follows: 100563# 20/40 sand in 746 bbls Lightning 17 frac fluid. Treated @ avg press of 1698 psi w/avg rate of 23 BPM. ISIP 2105 psi. Calc flush: 5306 gal. Actual flush: 4796 gal.
10/17/07	5146-5155'	Frac A3 sands as follows: 60790# 20/40 sand in 549 bbl Lightning 17 frac fluid. Treated @ avg press of 2146 psi w/avg rate of 23 BPM. ISIP 2344 psi. Calc flush: 5144 gal. Actual flush: 2344 gal.
10/17/07	4878-4941'	Frac B2 & B.5 sands as follows: 24732# 20/40 sand in 353 bbls Lightning 17 frac fluid. Treated @ avg press of 2039 psi w/avg rate of 23 BPM. ISIP 1949 psi. Calc flush: 4876 gal. Actual flush: 4389 gal.
10/17/07	4790-4806'	Frac C sands as follows: 95455# 20/40 sand in 728 bbls Lightning 17 frac fluid. Treated @ avg press of 1858 psi w/avg rate of 23 BPM. ISIP 1858 psi. Calc flush: 4788 gal. Actual flush: 4305 gal.
10/17/07	4660-4716'	Frac D1 & D2 sands as follows: 70174# 20/40 sand in 571 bbls Lightning 17 frac fluid. Treated @ avg press of 2111 psi w/avg rate of 23 BPM. ISIP 2427 psi. Calc flush: 4658 gal. Actual flush: 4154 gal.
10/17/07	4128-4140'	Frac GB4 sands as follows: 88281# 20/40 sand in 658 bbls Lightning 17 frac fluid. Treated @ avg press of 1695 psi w/avg rate of 23 BPM. ISIP 1814 psi. Calc flush: 4126 gal. Actual flush: 4032 gal.
6/28/08		Hole in tubing. Rod & tubing updated.
11/07/10		Pump change. Rod & Tubing updated
7/13/2011		Tubing leak. Rod & tubing updated.
10/23/13		Convert to Injection Well
10/25/13		Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

10/15/07	5308-5330'	4 JSPF	88 holes
10/17/07	5146-5155'	4 JSPF	36 holes
10/17/07	4937-4941'	4 JSPF	16 holes
10/17/07	4878-4785'	4 JSPF	28 holes
10/17/07	4790-4806'	4 JSPF	64 holes
10/17/07	4708-4716'	4 JSPF	32 holes
10/17/07	4660-4666'	4 JSPF	24 holes
10/17/07	4128-4140'	4 JSPF	48 holes

NEWFIELD

FEDERAL 14-18-9-16
 1040' FSL & 2047' FWL
 SE/SW Section 18-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33000; Lease # UTU-64379

FEDERAL 16-18-9-16

Spud Date: 06/27/07
 Put on Production: 09/13/07
 GL: 6111' KB: 6123'

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (305.53')
 DEPTH LANDED: 317.38' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, 5 bbls cmt to surf.

PRODUCTION CASING

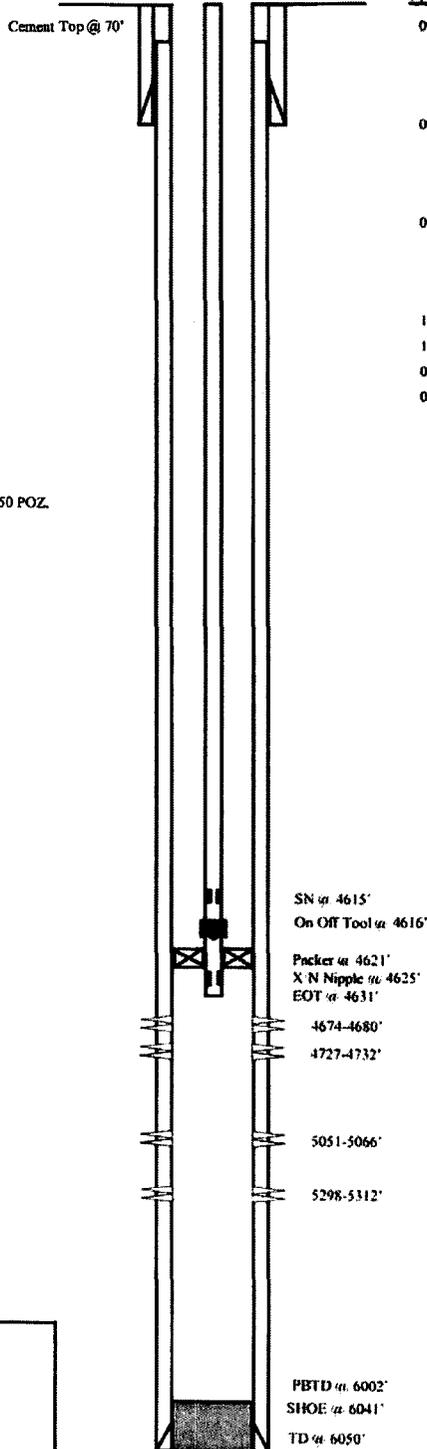
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 139 jts. (6028.19')
 DEPTH LANDED: 6041.44' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP: 70'

TUBING

SIZE-GRADE-WT: 2-7/8" J-55 6.5#
 NO. OF JOINTS: 146 jts (4603')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4615' KB
 ON-OFF TOOL AT: 4616.1'
 ARROW #1 PACKER CE AT: 4621.06'
 XO 2-3/8 x 2-7/8 J-55 AT: 4624.8'
 TBG PUP 2-3/8 J-55 AT: 4625.3'
 X-N NIPPLE AT: 4629.4'
 TOTAL STRING LENGTH: EOT @ 4631.05'

FRAC JOB

09-10-07 5298-5312' 09-10-07 5051-5066' 09-12-07 4674-4732' 1-10-08 1-14-09 02-07-14 02-07-14	<p>Frac LODC sands as follows: 49689# 20/40 sand in 465 bbls Lightning 17 frac fluid. Treated @ avg press of 1986 psi w/avg rate of 24.7 BPM. ISIP 2376 psi. Calc flush: 5702 gal. Actual flush: 4830 gal.</p> <p>Frac A1 sands as follows: 79844# 20/40 sand in 628 bbls Lightning 17 frac fluid. Treated @ avg press of 2030 psi w/avg rate of 24.8 BPM. ISIP 2400 psi. Calc flush: 4999 gal. Actual flush: 4578 gal.</p> <p>Frac D2 & D1 sands as follows: 31828# 20/40 sand in 394 bbls Lightning 17 frac fluid. Treated @ avg press of 1974 psi w/avg rate of 24.8 BPM. ISIP 1974 psi. Calc flush: 4672 gal. Actual flush: 4578 gal.</p> <p>Pump Change. Updated rod & tubing details. Pump Change. Updated rod & tubing details. Convert to Injection Well Conversion MIT Finalized -- update (bg detail</p>
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PERFORATION RECORD

09-11-07	5298-5312'	4 JSPF	56 holes
09-11-07	5051-5066'	4 JSPF	60 holes
09-11-07	4727-4732'	4 JSPF	20 holes
09-11-07	4674-4680'	4 JSPF	24 holes

NEWFIELD

FEDERAL 16-18-9-16
 964' FSL & 297' FEL
 SE/SE Section 18-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32922; Lease # UTU-64379

FEDERAL 15-18-9-16

Spud Date: 09/18/07
 Put on Production: 10/16/07
 GL: 6049' KB: 6061'

Injection Wellbore Diagram

SURFACE CASING

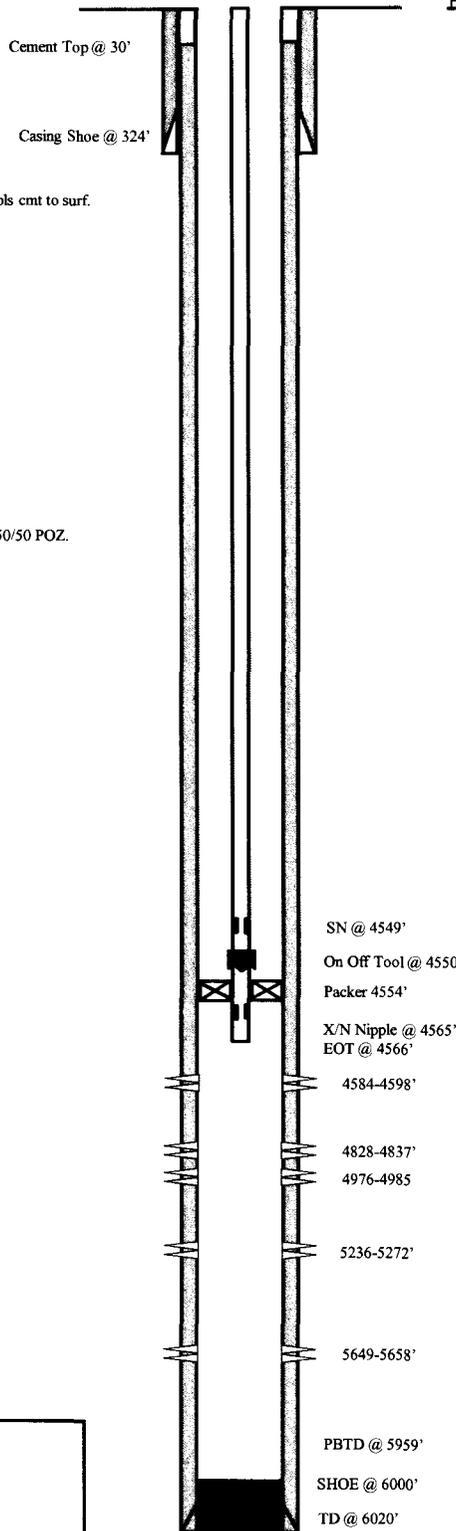
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.36')
 DEPTH LANDED: 324.21' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, 2-300 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 154 jts. (5986.37')
 DEPTH LANDED: 5999.62' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP: 30'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 TUBING 1 jt 2-7/8" N-80 (31.2')
 TBG SUB 2-7/8 N-80 (6.2')
 TBG SUB 2-7/8 J-55 (6.2')
 NO. OF JOINTS: 146 jts (4492.9')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4548.6' KB
 ON/OFF TOOL AT: 4549.7'
 ARROW #1 PACKER CE AT: 4554.41'
 XO 2-3/8 x 2-7/8 J-55 AT: 4558.1'
 TBG SUB 2-3/8 J-55 AT: 4558.6'
 X/N NIPPLE AT: 4564.8'
 TOTAL STRING LENGTH: EOT @ 4566'



FRAC JOB

10/11/07	5649-5658'	Frac CP3 sands as follows: 15067# 20/40 sand in 290 bbls Lightning 17 frac fluid. Treated @ avg press of 2158 psi w/avg rate of 24.8 BPM. ISIP 1805 psi. Calc flush: 5647 gal. Actual flush: 5166 gal.
10/11/07	5236-5272'	Frac LODC sands as follows: 159885# 20/40 sand in 1115 bbl Lightning 17 frac fluid. Treated @ avg press of 1955 psi w/avg rate of 24.8 BPM. ISIP 2340 psi. Calc flush: 5234 gal. Actual flush: 4746 gal.
10/11/07	4976-4985'	Frac A1 sands as follows: 34607# 20/40 sand in 423 bbls Lightning 17 frac fluid. Treated @ avg press of 2543 psi w/avg rate of 29.9 BPM. ISIP 3582 psi. Calc flush: 4974 gal. Actual flush: 4494 gal.
10/11/07	4828-4837'	Frac B1 sands as follows: 15082# 20/40 sand in 267 bbls Lightning 17 frac fluid. Treated @ avg press of 2075 psi w/avg rate of 24.8 BPM. ISIP 1935 psi. Calc flush: 4826 gal. Actual flush: 4326 gal.
10/11/07	4584-4598'	Frac D1 sands as follows: 47763# 20/40 sand in 455 bbls Lightning 17 frac fluid. Treated @ avg press of 1975 psi w/avg rate of 24.8 BPM. ISIP 2078 psi. Calc flush: 4582 gal. Actual flush: 4491 gal.
12-31-07		Pump Change. Updated rod & tubing details.
10/22/12		Convert to Injection Well
10/23/12		Conversion MIT Finalized – update tbg detail

PERFORATION RECORD

10/11/07	4584-4598'	4 JSPF	56 holes
10/11/07	4828-4837'	4 JSPF	36 holes
10/11/07	4976-4985'	4 JSPF	36 holes
10/11/07	5236-5272'	4 JSPF	144 holes
10/11/07	5649-5658'	4 JSPF	36 holes

NEWFIELD

BELUGA FEDERAL 15-18-9-16

657' FSL & 2350' FEL
 SW/SE Section 18-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33001; Lease # UTU-64379

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
 Well Name: **FEDERAL 2-19-9-16**
 Sample Point: **Treater**
 Sample Date: **7/17/2013**
 Sample ID: **WA-248317**

Sales Rep: **Michael McBride**
 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:	7/24/2013	Sodium (Na):	5659.24	Chloride (Cl):	7000.00
System Temperature 1 (°F):	120	Potassium (K):	52.00	Sulfate (SO4):	135.00
System Pressure 1 (psig):	60	Magnesium (Mg):	3.60	Bicarbonate (HCO3):	2928.00
System Temperature 2 (°F):	210	Calcium (Ca):	5.00	Carbonate (CO3):	
System Pressure 2 (psig):	60	Strontium (Sr):	2.00	Acetic Acid (CH3COO)	
Calculated Density (g/ml):	1.008	Barium (Ba):	2.00	Propionic Acid (C2H5COO)	
pH:	10.00	Iron (Fe):	3.30	Butanoic Acid (C3H7COO)	
Calculated TDS (mg/L):	15816.29	Zinc (Zn):	0.18	Isobutyric Acid ((CH3)2CHCOO)	
CO2 in Gas (%):		Lead (Pb):	0.22	Fluoride (F):	
Dissolved CO2 (mg/L):	0.00	Ammonia NH3:		Bromine (Br):	
H2S in Gas (%):		Manganese (Mn):	0.07	Silica (SiO2):	25.68
H2S in Water (mg/L):	15.00				

Notes:

B=15

(PTB = Pounds per Thousand Barrels)

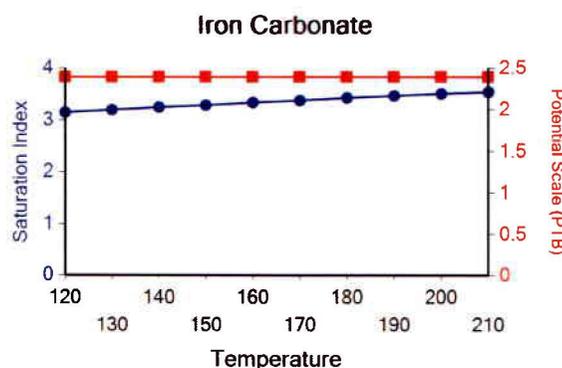
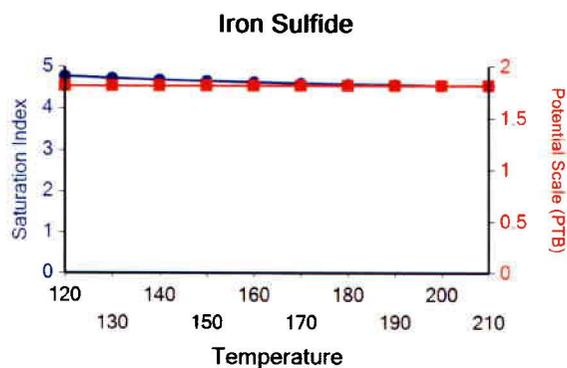
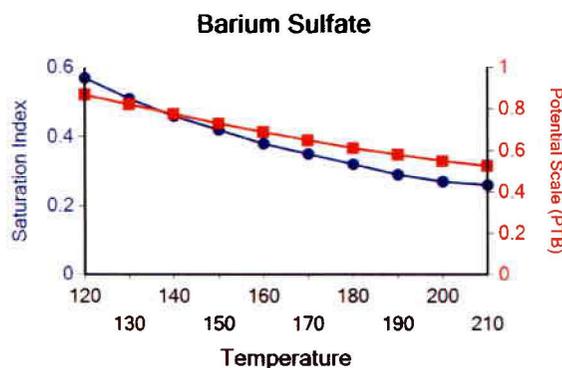
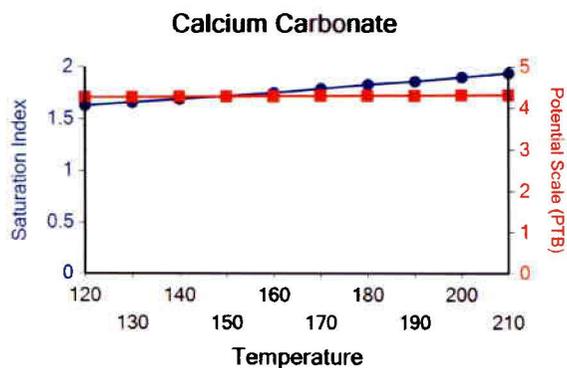
Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4-2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	1.94	4.33	0.26	0.53	4.55	1.82	3.54	2.40	0.00	0.00	0.00	0.00	0.00	0.00	10.33	0.09
200.00	60.00	1.90	4.32	0.27	0.55	4.55	1.82	3.51	2.40	0.00	0.00	0.00	0.00	0.00	0.00	10.44	0.09
190.00	60.00	1.86	4.31	0.29	0.58	4.57	1.82	3.47	2.40	0.00	0.00	0.00	0.00	0.00	0.00	10.55	0.09
180.00	60.00	1.83	4.31	0.32	0.61	4.58	1.82	3.43	2.40	0.00	0.00	0.00	0.00	0.00	0.00	10.67	0.09
170.00	60.00	1.79	4.30	0.35	0.65	4.60	1.82	3.38	2.40	0.00	0.00	0.00	0.00	0.00	0.00	10.79	0.09
160.00	60.00	1.75	4.30	0.38	0.69	4.63	1.82	3.34	2.40	0.00	0.00	0.00	0.00	0.00	0.00	10.92	0.09
150.00	60.00	1.72	4.29	0.42	0.73	4.66	1.82	3.29	2.40	0.00	0.00	0.00	0.00	0.00	0.00	11.05	0.09
140.00	60.00	1.69	4.29	0.46	0.78	4.69	1.82	3.25	2.40	0.00	0.00	0.00	0.00	0.00	0.00	11.19	0.09
130.00	60.00	1.66	4.28	0.51	0.82	4.73	1.82	3.20	2.40	0.00	0.00	0.00	0.00	0.00	0.00	11.34	0.09
120.00	60.00	1.63	4.27	0.57	0.87	4.78	1.82	3.15	2.40	0.00	0.00	0.00	0.00	0.00	0.00	11.50	0.09

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	2.60	0.12	11.49	0.09	11.22	7.19	5.74	9.47	16.86	2.57
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.53	0.12	11.66	0.09	10.96	7.19	5.60	9.47	16.72	2.57
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.46	0.12	11.84	0.09	10.68	7.19	5.46	9.47	16.57	2.57
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.38	0.12	12.03	0.09	10.40	7.19	5.31	9.47	16.41	2.57
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.30	0.12	12.23	0.09	10.11	7.19	5.17	9.47	16.25	2.57
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.21	0.12	12.44	0.09	9.82	7.19	5.02	9.47	16.09	2.57
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.11	0.12	12.66	0.09	9.51	7.19	4.87	9.47	15.93	2.57
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.01	0.12	12.90	0.09	9.20	7.19	4.71	9.47	15.76	2.57
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.90	0.12	13.14	0.09	8.89	7.19	4.56	9.47	15.60	2.57
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.79	0.12	13.40	0.09	8.56	7.19	4.41	9.47	15.43	2.57

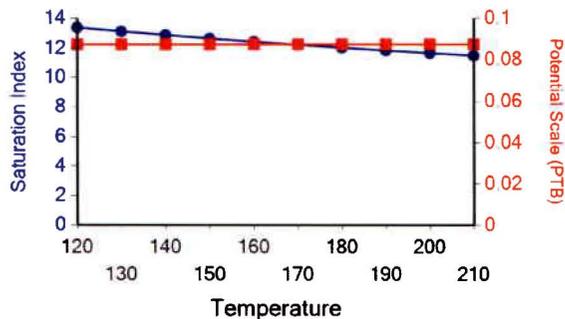
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide Mg Silicate Ca Mg Silicate Fe Silicate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide Mg Silicate Ca Mg Silicate Fe Silicate

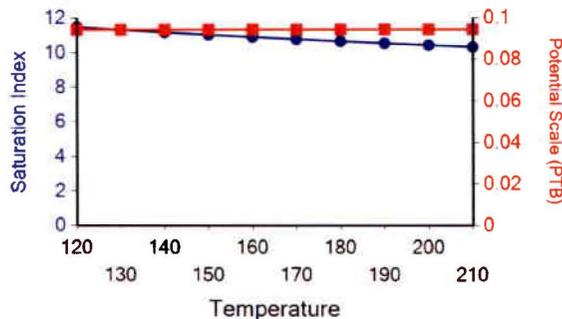


Water Analysis Report

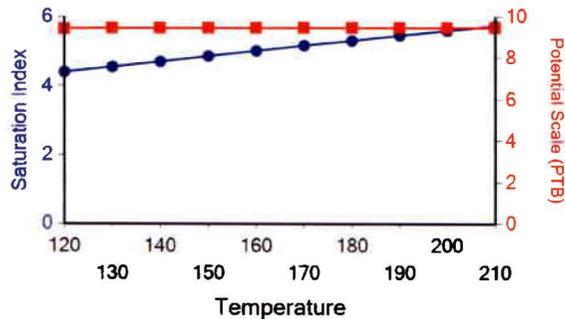
Lead Sulfide



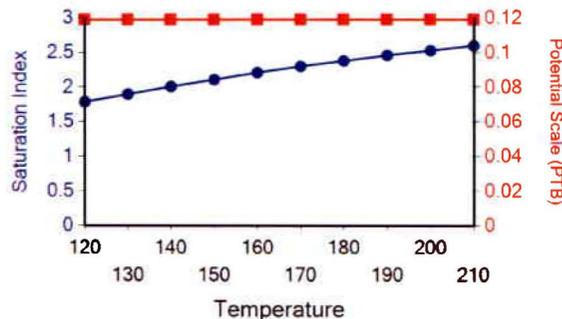
Zinc Sulfide



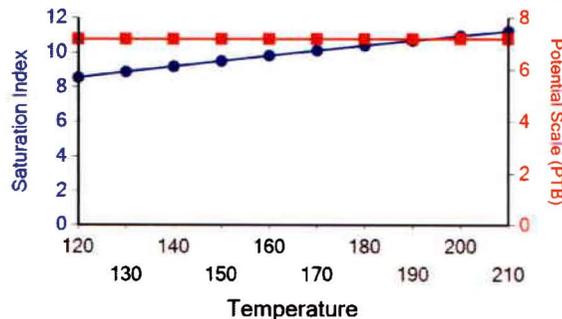
Ca Mg Silicate



Zinc Carbonate



Mg Silicate



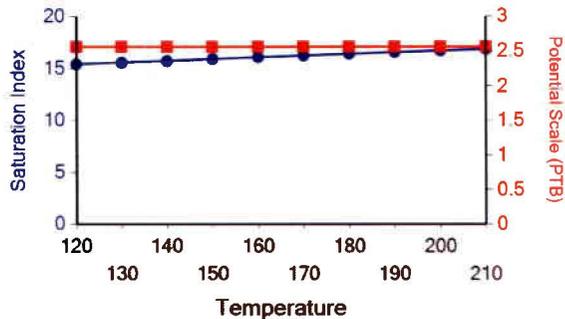
Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

Water Analysis Report

Fe Silicate



Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
Well Name: **SWDIF**
Sample Point: **After Filter**
Sample Date: **12/4/2012**
Sample ID: **WA-229142**

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

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

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

Notes:
9:30

(PTB = Pounds per Thousand Barrels)

Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.28	10.64	0.00	0.00	0.20	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.28	0.01
200.00	60.00	0.19	7.48	0.00	0.00	0.13	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.31	0.01
190.00	60.00	0.11	4.25	0.00	0.00	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.35	0.01
180.00	60.00	0.02	0.97	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.39	0.01
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.44	0.01
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.50	0.01
150.00	60.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.56	0.01
140.00	60.00	0.00	0.00	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.64	0.01
130.00	60.00	0.00	0.00	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.72	0.01
120.00	60.00	0.00	0.00	0.15	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.80	0.01

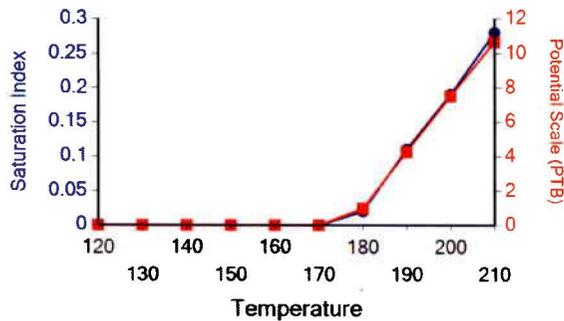
Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO4·0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

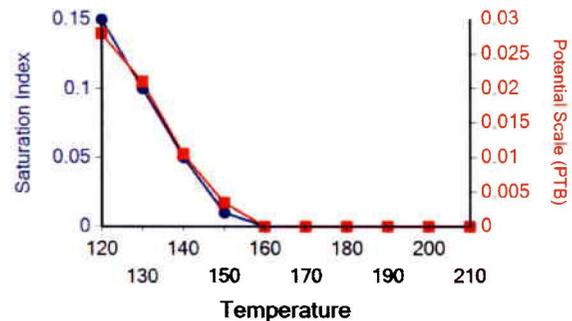
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Sulfide Zinc Sulfide

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

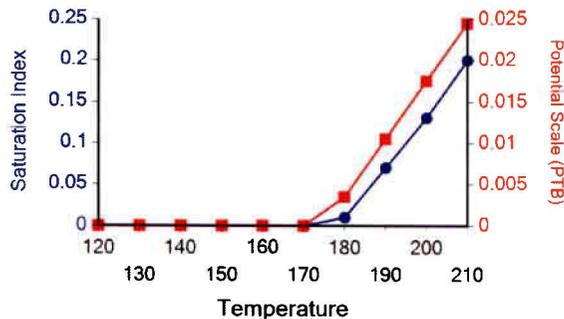
Calcium Carbonate



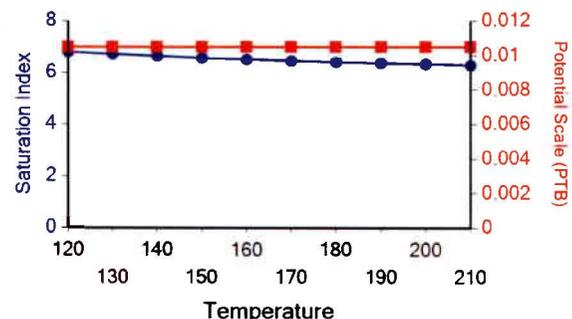
Barium Sulfate



Iron Sulfide



Zinc Sulfide



Attachment "G"

**Federal #2-19-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5348	5354	5351	2332	0.87	2297
5082	5099	5091	2324	0.89	2291
4820	4838	4829	2277	0.91	2246
4679	4685	4682	1861	0.83	1831 ←
4436	4444	4440	1995	0.88	1966
				Minimum	<u><u>1831</u></u>

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

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

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



Daily Completion Report

Well Name: **FEDERAL 2-19-9-16**

AFE: 11334

Report Date: 6/10/09

Operation: Run CBL & shoot first stage.

Field:	GMBU CTB3	Rig Name:	Rigless	Work Performed:	6/9/2009
Location:	STR	Supervisor:	Don Dulen	Day:	1
County:		Phone:	435-823-6772	Daily Cost:	11,461
State:	UT	Email:	ddulen@newfield.com	Cum DCR:	11,461
				Cum. Well Cost:	299,365

24 Hr Summary: Run CBL & shoot first stage.

24 Hr Plan Forward: Wait on frac crew.

Incidents:	None	Newfield Pers:	1	Contract Pers:	3	Conditions:	
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Critical Comments

0 Hr(s); P : 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 @ 5729' cement top @ 88'. Perforate stage #1. CP1sds @ 5348-54' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 3 spf for total of 18 shots. 138 BWTR. SWIFN.



Daily Completion Report

Well Name: FEDERAL 2-19-9-16

AFE: 11334

Report Date: 6/25/09

Operation: Fracing

Field: GMBU CTB3	Rig Name: Rigless	Work Performed: 6/24/2009
Location: STR	Supervisor: Aaron Manning	Day: 2
County:	Phone: 435-823-1087	Daily Cost: \$99,493
State: UT	Email: amanning@newfield.com	Cum DCR: \$110,954
		Cum. Well Cost: \$398,858

24 Hr Summary:	Frac 6 stages & flow well back.				
24 Hr Plan Forward:	MIRU Nabors #823, PU 4 3/4" chomp bit & 2 7/8" J-55 6.5# 8rd EUE tbg.				
Incidents:	None	Newfield Pers:	2	Contract Pers:	16
				Conditions:	

Critical Comments

0 Hr(s); P : Stage #1, CPl sands.
 RU BJ Services. 100 psi on well. Frac CPl sds w/ 19,980#'s of 20/40 sand in 330 bbls of Lightning 17 fluid. Broke @ 2736 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2295 psi @ ave rate of 15.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2332 psi. Leave pressure on well. RU Perforators LLC WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 4' & 3' perf guns. Set plug @ 5160'. Perforate LODC sds @ 5095-99 & 5082-85' w/ 3 1/8" slick guns (19 gram, .40" HE, 120°, 21.92" pen, EXP-3319-311 Titan) w/ 3 spf for total of 21 shots. 467 BWTR. Perf wouldn't break, RU Perforators LLC WLT acid dump bailer. RIH & spot 10 gallons of 15% HCL over perfs. POOH w/ wireline.

0 Hr(s); P : Stage #2, LODC sands.
 RU BJ Services. 1700 psi on well. Frac LODC sds w/ 25,343#'s of 20/40 sand in 365 bbls of Lightning 17 fluid. Broke @ 2859 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 3561 psi @ ave rate of 21.5 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2324 psi. Leave pressure on well. RU Perforators LLC WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 3' & 4' perf guns. Set plug @ 4900'. Perforate A1 sds @ 4835-38' & 4820-24' w/ 3 1/8" slick guns (19 gram, .40" HE, 120°, 21.92" pen, EXP-3319-311 Titan) w/ 3 spf for total of 21 shots. 832 BWTR.

0 Hr(s); P : Stage #3, A1 sands.
 RU BJ Services. 1830 psi on well. Frac A1 sds w/ 25,225#'s of 20/40 sand in 360 bbls of Lightning 17 fluid. Broke @ 3955 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2447 psi @ ave rate of 24.5 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2277 psi. Leave pressure on well. RU Perforators LLC WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 6' perf gun. Set plug @ 4740'. Perforate B1 sds @ 4679-4685' w/ 3 1/8" slick guns (19 gram, .40" HE, 120°, 21.92" pen, EXP-3319-311 Titan) w/ 3 spf for total of 18 shots. 1192 BWTR.

0 Hr(s); P : Stage #4, B1 sands.
 RU BJ Services. 1340 psi on well. Frac B1 sds w/ 31,161#'s of 20/40 sand in 393 bbls of Lightning 17 fluid. Broke @ 4022 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2160 psi @ ave rate of 24.6 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 1861 psi. Leave pressure on well. RU Perforators LLC WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 8' perf gun. Set plug @ 4500'. Perforate D1 sds @ 4436-44' w/ 3 1/8" slick guns (19 gram, .40" HE, 120°, 21.92" pen, EXP-3319-311 Titan) w/ 3 spf for total of 24 shots. 1585 BWTR.

0 Hr(s); P : Stage #5, D1 sands.
 RU BJ Services. 1530 psi on well. Frac D1 sds w/ 81,584#'s of 20/40 sand in 614 bbls of Lightning 17 fluid. Broke @ 3091 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2059 psi @ ave rate of 26.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISIP 1995 psi. Leave pressure on well. RU Perforators LLC WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 5' & 3' perf guns. Set plug @ 4060'. Perforate GB6 sds @ 3993-98 & 3982-85' w/ 3 1/8" slick guns (19 gram, .40" HE, 120°, 21.92" pen, EXP-3319-311 Titan) w/ 3 spf for total of 24 shots. 1585 BWTR.

0 Hr(s); P : Stage #6, GB6 sands.
 RU BJ Services. 1800 psi on well. Frac GB6 sds w/ 85,303#'s of 20/40 sand in 629 bbls of Lightning 17 fluid. Broke @ 4225 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2092 psi @ ave rate of 24.6 BPM. 2214 BWTR. Open well for immediate flowback @ 3 BPM. Well flowed for 3 1/2 hrs & died. Recovered 504 BW. 1710 BWTR.



Daily Completion Report

Well Name: **FEDERAL 2-19-9-16**

AFE: 11334

Report Date: 6/29/09

Operation: PU 4 3/4" Chomp bit & tbg.

Field:	GMBU CTB3	Rig Name:	Nabors #823	Work Performed:	6/28/2009
Location:	S T R	Supervisor:	Aaron Manning	Day:	3
County:		Phone:	435-823-1087	Daily Cost:	\$5,880
State:	UT	Email:	amanning@newfield.com	Cum DCR:	\$116,834
				Cum. Well Cost:	\$404,738

24 Hr Summary: MIRU Nabors #823. PU & TIH w/ 4 3/4" chomp bit & 129- jts 2 7/8" tbg.

24 Hr Plan Forward: Drill out plugs.

Incidents:	None	Newfield Pers:	2	Contract Pers:	6	Conditions:	
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Critical Comments

0 Hr(s); P : MIRU Nabors #823. ND frac BOPs & frac head. NU production wellhead & BOPs. Prep & talley 194- jts 2 7/8" J-55 6.5# 8rd EUE tbg. RU rig floor. MU 4 3/4" chomp bit & bit sub. PU & TIH w/ 129- jts tbg, tag fill @ 3990'. TOOH w/ 5- jts tbg. RU pump & pump lines. EOT @ 3857'. 1710 BWTR.



Daily Completion Report

Well Name: FEDERAL 2-19-9-16

AFE: 11334

Report Date: 6/30/09

Operation: Drill out plugs & swab

Field:	GMBU CTB3	Rig Name:	Nabors #823	Work Performed:	6/29/2009
Location:	S T R	Supervisor:	Aaron Manning	Day:	4
County:		Phone:	435-823-1087	Daily Cost:	\$7,999
State:	UT	Email:	amanning@newfield.com	Cum DCR:	\$124,833
				Cum. Well Cost:	\$412,737

24 Hr Summary:	Drill out plugs, made 8 swab runs.				
24 Hr Plan Forward:	Finish swabbing & trip production tbg.				
Incidents:	None	Newfield Pers:	1	Contract Pers:	6
Conditions:					

0 Hr(s); P : Check pressure on well, 0 psi. TIH w/ 5- jts tbg & tag sand @ 3990'. RU power swivel. Fill csg w/ 20 BW, clean out to plug @ 4060'. Drill out plug in 20 min. PU & TIH w/ tbg, tag fill @ 4340'. Clean out to plug @ 4500', drill out plug in 18 min. Circulate well clean. PU & TIH w/ tbg, tag fill @ 4640'. Clean out to plug @ 4740', drill out plug in 22 min. Tag fill @ 4750', clean out to plug @ 4900'. Drill out plug in 23 min. TIH & tag plug @5160'. Drill out plug in 30 min. TIH & tag fill @ 5641'. Clean out to PBD @ 5784'. Circulate well clean. Lost 200 BW during drilling & circulating operations. TOOH w/ 5- jts tbg. RU swab equipment. Made 8 swab runs w/ SFL @ surface & EFL @ 800'. Recovered 110 bbls fluid w/ no show of oil, trace of sand & small show of gas. SWIFN. 1800 BWTR.



Final Daily Completion Report

Well Name: FEDERAL 2-19-9-16

AFE: 11334

Report Date: 7/1/09

Operation: Run production tbg & PU rods.

Field: GMBU CTB3	Rig Name: Nabors #823	Work Performed: 6/30/2009
Location: STR	Supervisor: Aaron Manning	Day: 5
County:	Phone: 435-823-1087	Daily Cost: \$79,568
State: UT	Email: amanning@newfield.com	Cum DCR: \$204,401
		Cum. Well Cost: \$492,305

24 Hr Summary: Swab, Round trip tbg & PU rods. PWOP @ 7:00 PM w/ 100" SL & 5 SPM. Final Report! 1800 BWTR.

24 Hr Plan Forward: Produce well.

Incidents: None	Newfield Pers: 1	Contract Pers: 5	Conditions:
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0 Hr(s); P : Check pressure on well, 0 psi tbg, csg on vac. RU swab equipment. Made 4 swab w/ SFL @ 300' & EFL @ 400'. Recovered 30 bbls fluid w/ trace oil & trace sand. RD swab equipment. TIH w/ 5 jts tbg & tag fill @ 5782'. Clean out to PBTD @ 5784', circulate well clean, well made a lot of sand. LD 12- jts tbg, TOOH w/ 176- jts 2 7/8" tbg, LD bit sub & bit. TIH w/ 2- jts 2 7/8" J-55 6.5# 8rd EUE tbg, SN, 1- jt tbg, TA, 173- jts 2 7/8" tbg. RD rig floor. ND BOPs. Set TA @ 5337' w/ 18,000# tension. NU BOPs. Flush tbg w/ 60 BW. X-over for rods. PU & prime Central Hydraulic 2 1/2" X 1 1/2" X 17' X 20' pump. PU & TIH w/ rods as follows: 6- 1 1/2" weight rods, 20- 3/4" guided rods, 87- 3/4" plain rods, 101- 3/4" guided rods, 4' X 3/4" pony rod & 1 1/2" X 26' polished rod. RU pumping unit. Stoke test pump w/ unit to 800 psi. PWOP @ 7:00 PM w/ 100" SL & 5 SPM. Final Report! 1800 BWTR.

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 3922'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 167' balance plug using 20 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 43 sx Class "G" cement down 5 ½" casing to 378'

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

Federal 2-19-9-16

Spud Date: 5/21/2009
 Put on Production: 6/30/2009
 GL: 5966' KB: 5978'

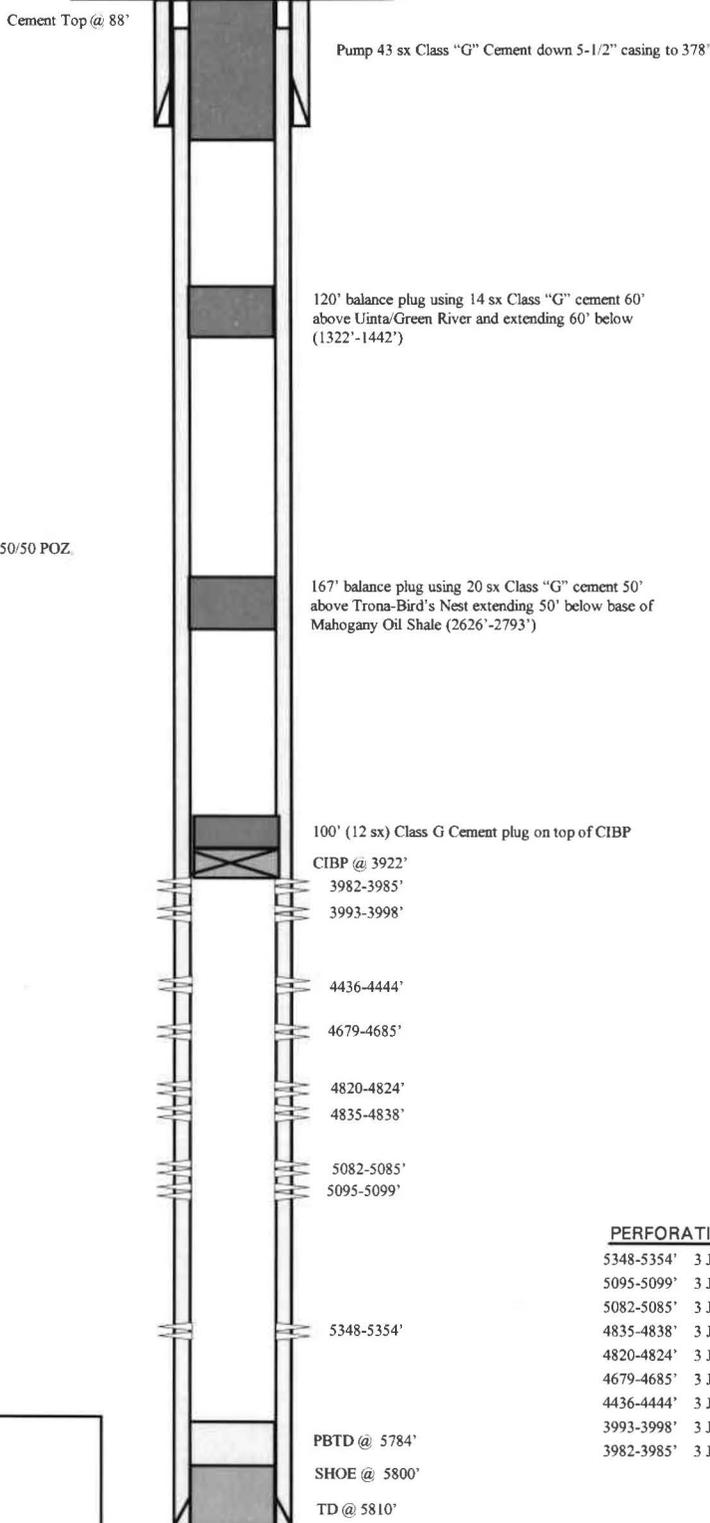
Proposed P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (276')
 DEPTH LANDED: 328'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 220 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 145 jts. (5772')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5799.81'
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 88'



PERFORATION RECORD

5348-5354'	3 JSPF	18 holes
5095-5099'	3 JSPF	12 holes
5082-5085'	3 JSPF	9 holes
4835-4838'	3 JSPF	9 holes
4820-4824'	3 JSPF	12 holes
4679-4685'	3 JSPF	18 holes
4436-4444'	3 JSPF	24 holes
3993-3998'	3 JSPF	15 holes
3982-3985'	3 JSPF	9 holes



Federal 2-19-9-16
 821' FNL & 2093' FEL NW/NE
 Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33063; Lease #UTU-64379

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: FEDERAL 2-19-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013330630000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0821 FNL 2093 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 19 Township: 09.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE COUNTY: DUCHESNE STATE: UTAH

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

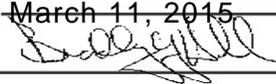
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/5/2015	<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="W/O MIT"/>

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

The above subject well had workover procedures performed (packer repair), attached is a daily status report. On 03/02/2015 Richard Powell with the State of Utah was contacted concerning the MIT on the above listed well. On 03/05/2015 the csg was pressured up to 1480 psig and charted for 30 minute with no pressure loss. The well was not injecting during the test. The tbg pressure was 50 psig during the test. There was a State representative available to witness the test - Richard Powell.

Accepted by the Utah Division of Oil, Gas and Mining

Date: March 11, 2015

By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 3/6/2015	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

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

Witness: Richard Howell Date 3/15/15 Time 2:00 am pm

Test Conducted by: Britt Jensen

Others Present: _____

Well: Federal 2-19-9-16 Field: Monument Butte
Well Location: NW/NE Sec. 19, T9S, R16E API No: 43-013-33063

(work over MIT)

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1480</u>	psig
5	<u>1481.4</u>	psig
10	<u>1480.8</u>	psig
15	<u>1480.6</u>	psig
20	<u>1480.4</u>	psig
25	<u>1480</u>	psig
30 min	<u>1480</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 750 psig

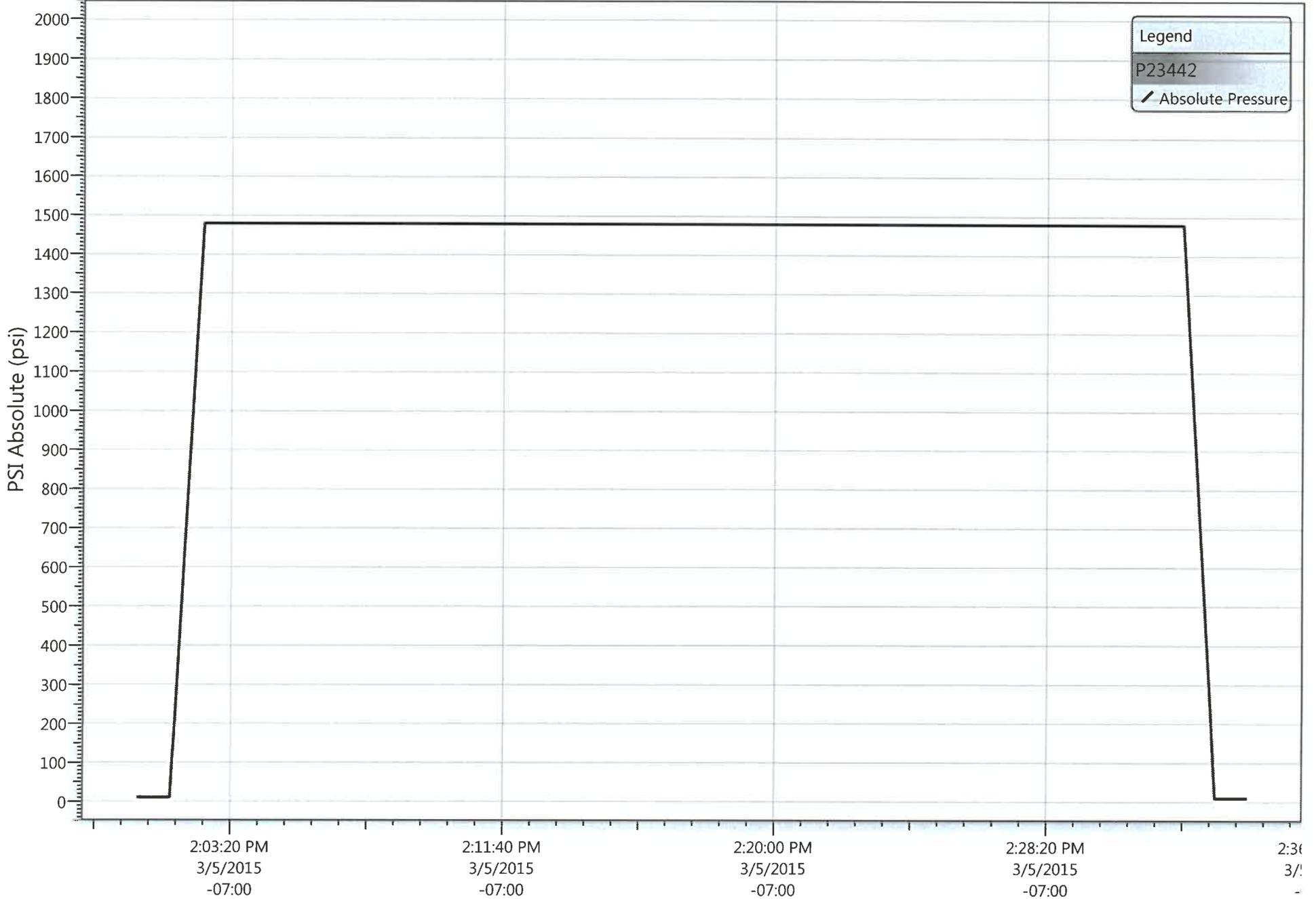
Result: Pass Fail

Signature of Witness: [Signature]

Signature of Person Conducting Test: [Signature]

Federal 2-19-9-16 (work over MIT)

3/5/2015 1:41:42 PM



NEWFIELD

Schematic

Well Name: Federal 2-19-9-16

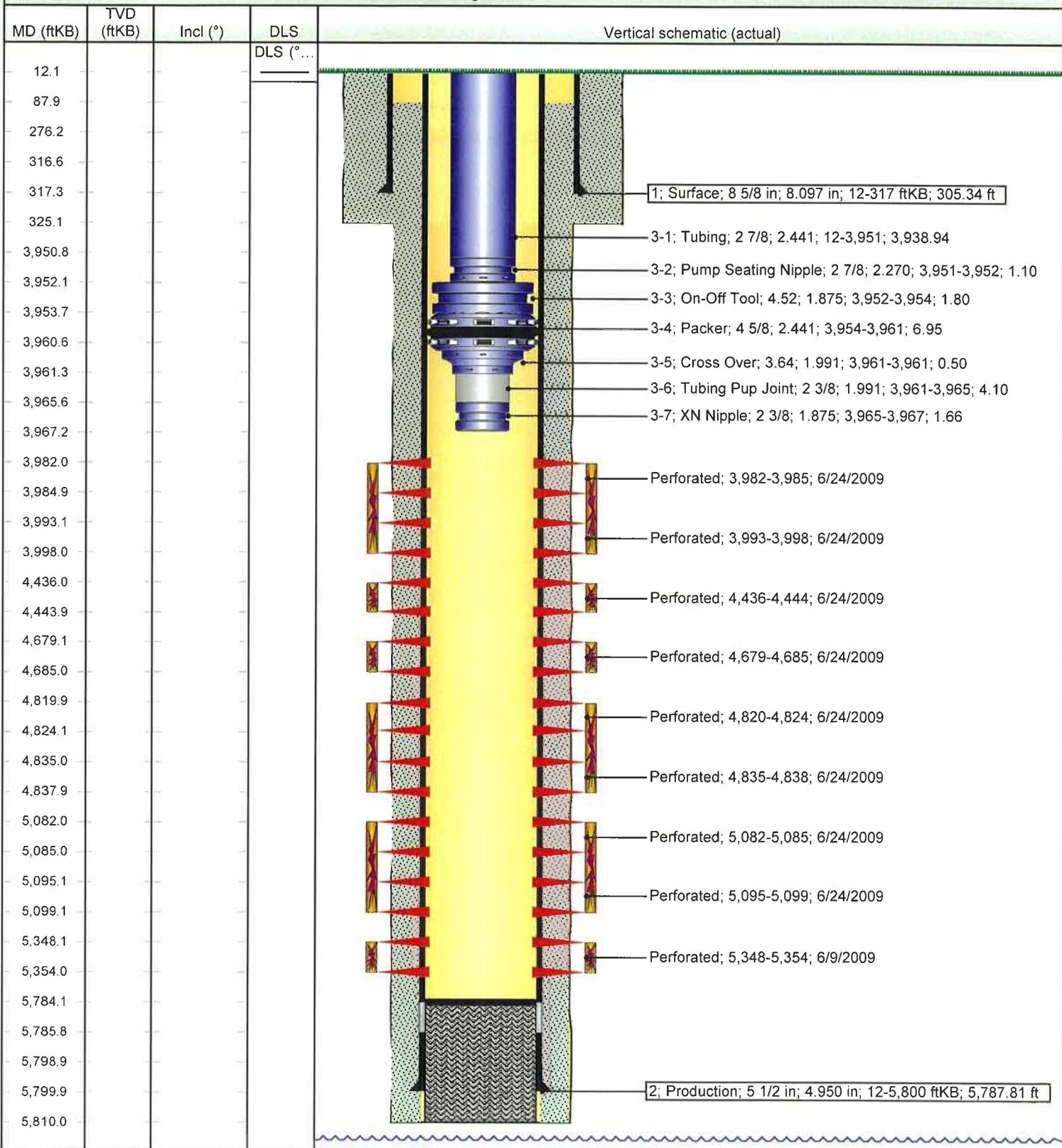
Surface Legal Location 19-9S-16E			API/UWI 43013330630000	Well RC 500159195	Lease	State/Province Utah	Field Name GMBU CTB3	County N/A
Spud Date 5/21/2009	Rig Release Date 6/3/2009	On Production Date 6/30/2009	Original KB Elevation (ft) 5,978	Ground Elevation (ft) 5,966	Total Depth All (TVD) (ftKB)		PBD (All) (ftKB) Original Hole - 5,784.0	

Most Recent Job

Job Category Production / Workover	Primary Job Type Repairs	Secondary Job Type Packer Repair	Job Start Date 2/25/2015	Job End Date 3/5/2015
---------------------------------------	-----------------------------	-------------------------------------	-----------------------------	--------------------------

TD: 5,810.0

Vertical - Original Hole, 3/6/2015 9:00:30 AM



NEWFIELD**Newfield Wellbore Diagram Data
Federal 2-19-9-16**

Surface Legal Location 19-9S-16E		API/UWI 43013330630000		Lease	
County N/A		State/Province Utah		Basin Uintah Basin	
Well Start Date 5/21/2009		Spud Date 5/21/2009		Final Rig Release Date 6/3/2009	
Original KB Elevation (ft) 5,978		Ground Elevation (ft) 5,966		Total Depth (ftKB) 5,810.0	
				Total Depth All (TVD) (ftKB) Original Hole - 5,784.0	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	WVLen (lb/ft)	Grade	Set Depth (ftKB)
Surface	5/21/2009	8 5/8	8.097	24.00	J-55	317
Production	6/3/2009	5 1/2	4.950	15.50	J-55	5,800

Cement**String: Surface, 317ftKB 5/25/2009**

Cementing Company BJ Services Company		Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 325.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description		Fluid Type Lead	Amount (sacks) 180	Class G	Estimated Top (ftKB)
Fluid Description		Fluid Type Top Out	Amount (sacks) 50	Class G	Estimated Top (ftKB)

String: Production, 5,800ftKB 6/3/2009

Cementing Company BJ Services Company		Top Depth (ftKB) 88.0	Bottom Depth (ftKB) 5,810.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 3%KCL+5#CF+2#KOL+.5SMS+FP+SF		Fluid Type Lead	Amount (sacks) 300	Class Premium Lite II	Estimated Top (ftKB)
Fluid Description 3%KCL+0.5%EC-1+.25#CF+.05#sF+.3SMS+FP+6L		Fluid Type Tail	Amount (sacks) 400	Class 50:50 POZ	Estimated Top (ftKB)

Tubing Strings

Tubing Description Tubing		Run Date 3/2/2015			Set Depth (ftKB) 3,967.1			
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	128	2 7/8	2.441	6.50	J-55	3,938.94	12.0	3,950.9
Pump Seating Nipple	1	2 7/8	2.270			1.10	3,950.9	3,952.0
On-Off Tool	1	4.515	1.875			1.80	3,952.0	3,953.8
Packer	1	4 5/8	2.441			6.95	3,953.8	3,960.8
Cross Over	1	3.635	1.991			0.50	3,960.8	3,961.3
Tubing Pup Joint	1	2 3/8	1.991			4.10	3,961.3	3,965.4
XN Nipple	1	2 3/8	1.875			1.66	3,965.4	3,967.1

Rod Strings

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

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (*)	Nom Hole Dia (in)	Date
6	GB6, Original Hole	3,982	3,985	3	120		6/24/2009
6	GB6, Original Hole	3,993	3,998	3	120		6/24/2009
5	D1, Original Hole	4,436	4,444	3	120		6/24/2009
4	B1, Original Hole	4,679	4,685	3	120		6/24/2009
3	A1, Original Hole	4,820	4,824	3	120		6/24/2009
3	A1, Original Hole	4,835	4,838	3	120		6/24/2009
2	LODC, Original Hole	5,082	5,085	3	120		6/24/2009
2	LODC, Original Hole	5,095	5,099	3	120		6/24/2009
1	CP1, Original Hole	5,348	5,354	3	120		6/9/2009

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)
1	2,332	0.87	16.0	2,717			
2	2,324	0.89	26.0	3,915			
3	2,277	0.91	25.0	2,669			
4	1,861	0.83	25.0	2,430			
5	1,995	0.88	27.0	2,396			
6	1,906	0.91	25.0	2,481			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant Sand 19980 lb

NEWFIELD

Newfield Wellbore Diagram Data Federal 2-19-9-16



Proppant		
Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
2		Proppant Sand 25343 lb
3		Proppant Sand 25225 lb
4		Proppant Sand 31161 lb
5		Proppant Sand 81584 lb
6		Proppant Sand 85303 lb

NEWFIELD



Job Detail Summary Report

Well Name: Federal 2-19-9-16

Jobs

Primary Job Type Repairs	Job Start Date 2/25/2015	Job End Date 3/5/2015
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Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
2/25/2015	2/25/2015	Road Rig to Location, MIRUSW
Start Time	End Time	Comment
08:30	09:30	Road rig to location
Start Time	End Time	Comment
09:30	10:30	MIRUSW. Pump 30 bbls fresh water down tbg
Start Time	End Time	Comment
10:30	12:00	X-over to tbg eq. ND wellhead. NU BOP's. RD rig floor
Start Time	End Time	Comment
12:00	13:30	Unset pkr. Pump 20 bbls fresh water for STD valve pad. Drop STD valve. Fill tbg w/ 15 bbls fresh water & pressure up tbg to 3000 psi. Pressure dropped to 2600 psi in 5 min. Watch pressure for 15 min. Pressure dropped to 1900 psi in 15 min
Start Time	End Time	Comment
13:30	14:30	PU & RIH w/ sandline to fish STD valve
Start Time	End Time	Comment
14:30	15:30	TOH w/ 126- jts 2 7/8 tbg, SN, On/Off Tool, Pkr, X/O, 4x 2 3/8 tbg pup & 2 3/8 XN nipple
Start Time	End Time	Comment
15:30	17:00	PU & TIH w/ new pkr & assembly & 70- jts 2 7/8 tbg. Relieve operator ran tbg blocks into rod basket & bent bracket were basket folds in. SDFD @ 5:00PM.
Start Time	End Time	Comment
17:00	17:30	Crew Travel
Report Start Date	Report End Date	24hr Activity Summary
2/26/2015	2/26/2015	TIH w/ TBG, Check Press
Start Time	End Time	Comment
06:00	07:00	C/Trvl
Start Time	End Time	Comment
07:00	07:30	Safety Mtg in the office
Start Time	End Time	Comment
07:30	08:00	Safety Mtg on location
Start Time	End Time	Comment
08:00	09:00	Bleed well down, pressure up on tbg to 3000 psi. Hold test for 30 min. Good test
Start Time	End Time	Comment
09:00	09:30	Cont TIH w/ 58- jts 2 7/8 tbg. RU Hot Oiler to tbg. Pressure up tbg to 3000 psi. Watch for 1 hr.
Start Time	End Time	Comment
09:30	10:30	Pressure held @ 2950 psi for 1 hr
Start Time	End Time	Comment
10:30	13:00	Bleed off pressure. RD rig floor. ND BOP's. NU Injection tree. Pump 70 bbls fresh water mixed w/ pkr fluid. ND injection tree & set pkr CE @ 3957' w/ 15000 tension. NU injection tree. Hole was full. Pressure test csg to 1500 psi. Watch for 1 hr.
Start Time	End Time	Comment
13:00	14:30	Pressure dropped to 1160 psi, pressure was dropping 60-4- psi every 15 min. Pressure up csg back to 1500 psi & watch for 30 min
Start Time	End Time	Comment
14:30	16:30	Pressure slowed down to 20 psi every 15 min. Hold pressure over weekend. SDFD @ 4:30PM.
Start Time	End Time	Comment
16:30	17:00	C/Trvl
Report Start Date	Report End Date	24hr Activity Summary
3/2/2015	3/2/2015	Check Csg Press, ready for MIT
Start Time	End Time	Comment
06:00	06:30	C/ Trvl

NEWFIELD



Job Detail Summary Report

Well Name: Federal 2-19-9-16

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Start Time	06:30	End Time	07:00	Comment
				Safety Mtg
Start Time	07:00	End Time	10:30	Comment
				Pressure on csg is 1150. Pump up csg to 1700 psi. Watch for 1hr. Pressure dropped to 1650. Watch for 1hr. Pressure test was good. Called for MIT. MIT was good. X-over to tbg eq. RDMO @ 10:30AM.
Start Time	10:30	End Time	12:30	Comment
				Fixed Rod basket.
Report Start Date	Report End Date	24hr Activity Summary		
3/5/2015	3/5/2015	Conduct MIT		
Start Time	14:00	End Time	14:30	Comment
				On 03/02/2015 Richard Powell with the State of Utah was contacted concerning the MIT on the above listed well. On 03/05/2015 the csg was pressured up to 1480 psig and charted for 30 minute with no pressure loss. The well was not injecting during the test. The tbg pressure was 50 psig during the test. There was a State representative available to witness the test - Richard Powell.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Water Injection Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: FEDERAL 2-19-9-16
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		9. API NUMBER: 43013330630000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0821 FNL 2093 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 19 Township: 09.0S Range: 16.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/16/2015	<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 checked="" 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="Workover MIT"/>

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

The above subject well had workover procedures performed (tubing repair), attached is a daily status report. On 04/13/2015 Richard Powell with the State of Utah was contacted concerning the MIT on the above listed well. On 04/16/2015 the csg was pressured up to 1299 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbp pressure was 290 psig during the test. There was a State representative available to witness the test - Richard Powell.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
April 20, 2015

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 4/17/2015	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: RICHARD Jowell Date 4/16/15 Time 12:30 am pm

Test Conducted by: Britt Jensen

Others Present: _____

Well: <u>Federal 2-19-9-16</u>	Field: <u>GMBU</u>
Well Location: <u>NW/NE Sec. 19, T9S, R16E</u>	API No: <u>43-013-33063</u>

Work Over MIT

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1297</u>	psig
5	<u>1298</u>	psig
10	<u>1298</u>	psig
15	<u>1298</u>	psig
20	<u>1299</u>	psig
25	<u>1299</u>	psig
30 min	<u>1299</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

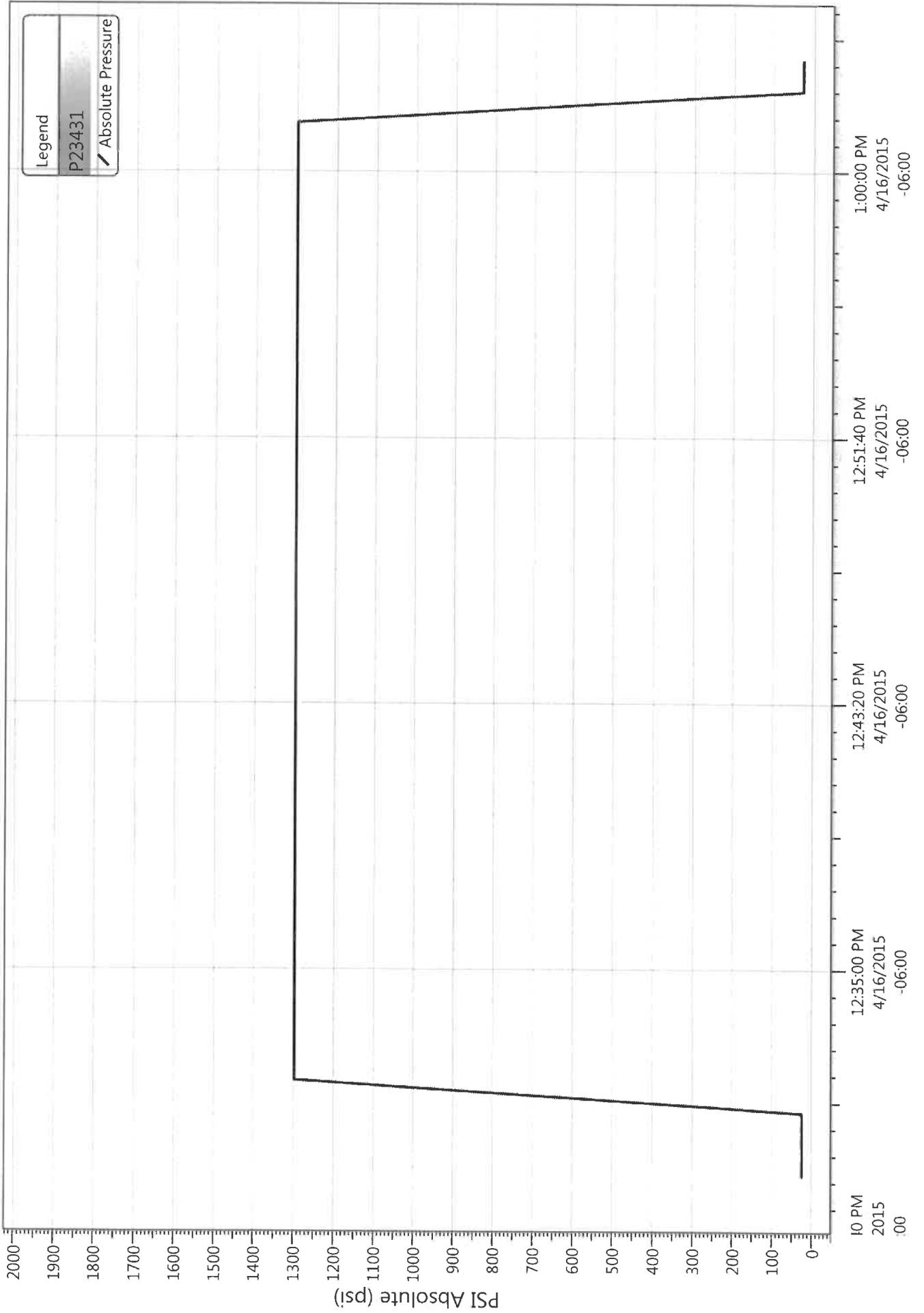
Tubing pressure: 290 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: _____

Federal 2-19-9-16 (work over MIT)
4/16/2015 12:27:53 PM



NEWFIELD

Schematic

Well Name: Federal 2-19-9-16

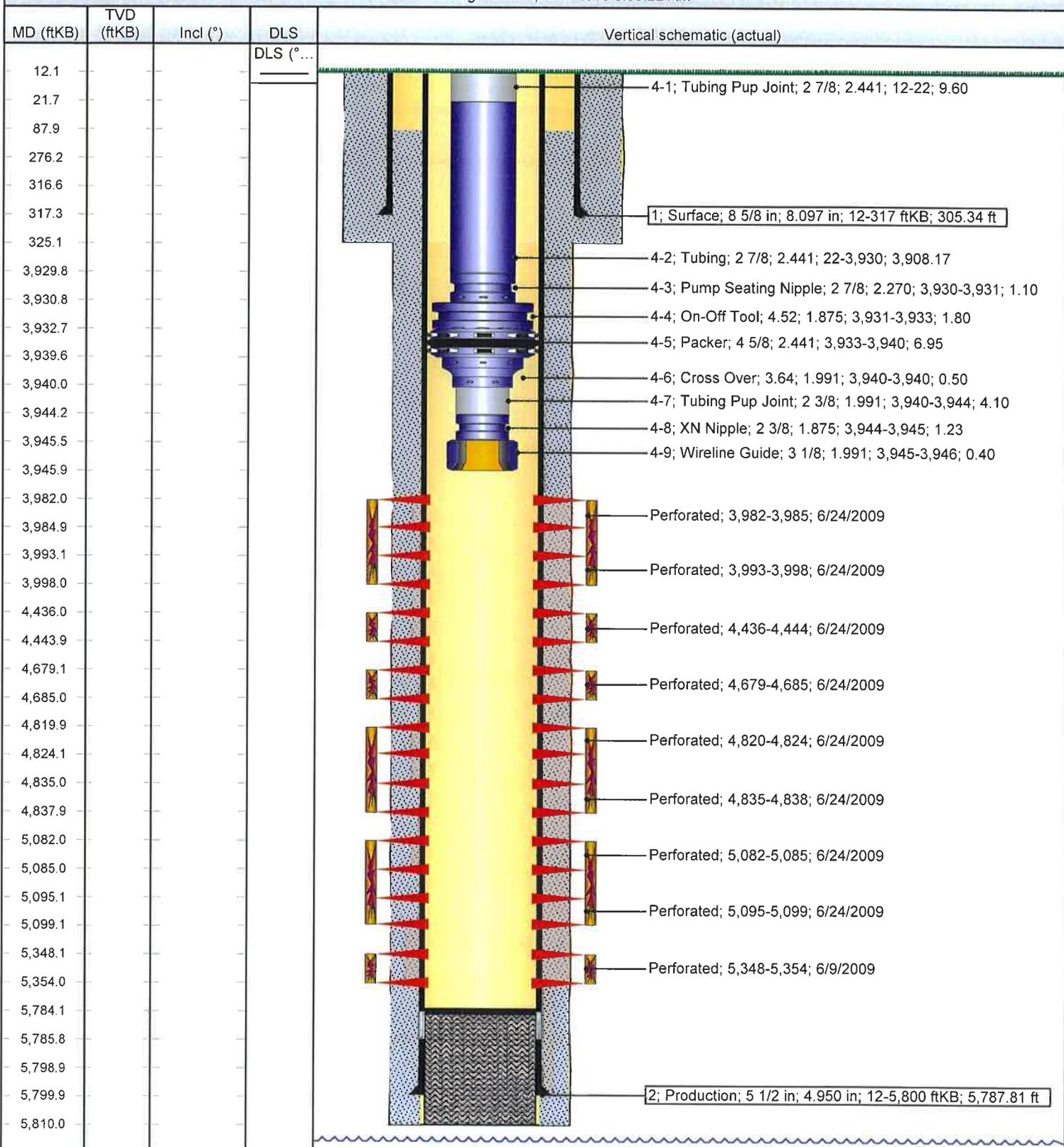
Surface Legal Location 19-9S-16E		API/UWI 43013330630000	Well RC 500159195	Lease	State/Province Utah	Field Name GMBU CTB3	County Duchesne
Spud Date 5/21/2009	Rig Release Date 6/3/2009	On Production Date 6/30/2009	Original KB Elevation (ft) 5,978	Ground Elevation (ft) 5,966	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,784.0	

Most Recent Job

Job Category Production / Workover	Primary Job Type Repairs	Secondary Job Type Tubing Repair	Job Start Date 4/8/2015	Job End Date 4/16/2015
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TD: 5,810.0

Vertical - Original Hole, 4/17/2015 8:05:22 AM



NEWFIELD

Newfield Wellbore Diagram Data Federal 2-19-9-16



Surface Legal Location 19-9S-16E		API/UWI 43013330630000		Lease	
County Duchesne		State/Province Utah		Basin Uintah Basin	
Well Start Date 5/21/2009		Spud Date 5/21/2009		Final Rig Release Date 6/3/2009	
Original KB Elevation (ft) 5,978		Ground Elevation (ft) 5,966		Total Depth (ftKB) 5,810.0	
				Total Depth All (TVD) (ftKB) Original Hole - 5,784.0	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	5/21/2009	8 5/8	8.097	24.00	J-55	317
Production	6/3/2009	5 1/2	4.950	15.50	J-55	5,800

Cement

String: Surface, 317ftKB 5/25/2009

Cementing Company BJ Services Company		Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 325.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description		Fluid Type Lead	Amount (sacks) 180	Class G	Estimated Top (ftKB)
Fluid Description		Fluid Type Top Out	Amount (sacks) 50	Class G	Estimated Top (ftKB)

String: Production, 5,800ftKB 6/3/2009

Cementing Company BJ Services Company		Top Depth (ftKB) 88.0	Bottom Depth (ftKB) 5,810.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 3%KCL+5#CF+2#KOL+.5SMS+FP+SF		Fluid Type Lead	Amount (sacks) 300	Class Premium Lite II	Estimated Top (ftKB)
Fluid Description 3%KCL+0.5%EC-1+.25#CF+.05#sF+.3SMS+FP+6L		Fluid Type Tail	Amount (sacks) 400	Class 50:50 POZ	Estimated Top (ftKB)

Tubing Strings

Tubing Description					Run Date	Set Depth (ftKB)			
Tubing					4/8/2015	3,945.9			
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)	
Tubing Pup Joint	1	2 7/8	2.441		J-55	9.60	12.0	21.6	
Tubing	127	2 7/8	2.441	6.50	J-55	3,908.17	21.6	3,929.8	
Pump Seating Nipple	1	2 7/8	2.270			1.10	3,929.8	3,930.9	
On-Off Tool	1	4.515	1.875			1.80	3,930.9	3,932.7	
Packer	1	4 5/8	2.441			6.95	3,932.7	3,939.6	
Cross Over	1	3.635	1.991			0.50	3,939.6	3,940.1	
Tubing Pup Joint	1	2 3/8	1.991			4.10	3,940.1	3,944.2	
XN Nipple	1	2 3/8	1.875			1.23	3,944.2	3,945.5	
Wireline Guide	1	3 1/8	1.991			0.40	3,945.5	3,945.9	

Rod Strings

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

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
6	GB6, Original Hole	3,982	3,985	3	120		6/24/2009
6	GB6, Original Hole	3,993	3,998	3	120		6/24/2009
5	D1, Original Hole	4,436	4,444	3	120		6/24/2009
4	B1, Original Hole	4,679	4,685	3	120		6/24/2009
3	A1, Original Hole	4,820	4,824	3	120		6/24/2009
3	A1, Original Hole	4,835	4,838	3	120		6/24/2009
2	LODC, Original Hole	5,082	5,085	3	120		6/24/2009
2	LODC, Original Hole	5,095	5,099	3	120		6/24/2009
1	CP1, Original Hole	5,348	5,354	3	120		6/9/2009

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)
1	2,332	0.87	16.0	2,717			
2	2,324	0.89	26.0	3,915			
3	2,277	0.91	25.0	2,669			
4	1,861	0.83	25.0	2,430			
5	1,995	0.88	27.0	2,396			
6	1,906	0.91	25.0	2,481			

NEWFIELD



**Newfield Wellbore Diagram Data
Federal 2-19-9-16**

Proppant		
Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant Sand 19980 lb
2		Proppant Sand 25343 lb
3		Proppant Sand 25225 lb
4		Proppant Sand 31161 lb
5		Proppant Sand 81584 lb
6		Proppant Sand 85303 lb



Job Detail Summary Report

Well Name: Federal 2-19-9-16

Primary Job Type Repairs	Job Start Date 4/8/2015	Job End Date 4/16/2015
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Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
4/8/2015	4/9/2015	Road Rig to location, MIRUSW
Start Time	End Time	Comment
06:30	07:00	Crew Travel
07:00	07:30	Safety Meeting with Rig crew and VWS driver about route and Road condition, rig down.
07:30	09:30	Move Rig in (3.5 miles) from 2-19-9-16 and spot rig in and Rig up / BMW Hot oil Rigged up to test Casing and TBG. Rig up flow back to flat tank and Begin flowing well to tank
09:30	10:30	Pressure test casing to 1500 PSI (1/4 bbl pumped in). Pressure bled to 1200, bumped back up several times but it continued to bleed off at 25 to 30 psi/min
10:30	11:30	Drop Profile Plug and pump down at 1.1 bpm with hot oil truck. (6.5 bbbls). Pressure test to 3000 PSI. Pressure bled to 2500 PSI within 1.5 minutes. bumped pressure to 3000 psi and after several times pressure drop began to slow then it was observed that the Casing pressure was increasing. bleed off casing and tbg pressure dropped to 1800. Pressure was bumped back up to 3000 and continued to drop at 450 psi/min. Bleed pressure off and run in hole with Sand line to retrieve Profile plug.
11:30	13:00	Drop Standing valve and pump down with hot oil pump at 1.5 bpm with 600 psi (14.5 bbbls to pump onto seat) pressure up to 3000 psi/whine pressure bleed off at 450 psi/ min initially but bleed off slowed as casing pressure increased. pressured casing up to 1500 psi. Bleed off tbg pressure back to hot oil truck monitoring Casing pressure and casing pressure dropped as tbg pressure fell. Bleed off pressure and retrieve Standing valve with sand line.
13:00	14:30	Nipple down injection tree and J-out of Packer, Nipple up BOP, Rig up floor and tongs.
14:30	19:00	Pull out of hole (wet) Break, inspect and dope every connection, Change out Coupling on stand # 55 (Cplg did not look washed but a little crimped) Continued to pull out of the hole and found nothing else that looked washed. Changed Seat Nipple and stinger.
19:00	20:00	Shut well in and shut down for night.
20:00	20:30	Crew travel
Report Start Date	Report End Date	24hr Activity Summary
4/9/2015	4/9/2015	RIH TBG, Test
Start Time	End Time	Comment
06:30	07:00	Crew Travel
07:00	07:30	PJSM and JSA with Rig crew and BMW Hot oiler about High pressure testing
07:30	09:00	Hook up Flow back to Flat tank, Rig up hot oil truck while Bleeding pressure off of well (600 PSI) Run in hole with Skirted setting tool, Seat Nipple and 12 stands to 742' flush Tbg with 5 bbbls of fresh water, make up and install new 6K swedge and Isolation valve.
09:00	09:30	Pressure test Pump and lines to 4500 psi, begin pressure testing Tbg but found a leak on new Swedge, Tighten Swedge and Test Tbg to 4500 PSI (held for 10 minutes with no visible pressure drop)
09:30	10:30	Run in hole to 1483' Pressure test Tbg to 4500 PSI (Held for 10 Minutes with no visible pressure drop)



Well Name: Federal 2-19-9-16

Job Detail Summary Report

Start Time	10:30	End Time	11:00	Comment	Run in hole to 2100' Pressure test Tbg to 4300 Psi (Held for 10 minutes with no visible pressure drop)
Start Time	11:00	End Time	11:30	Comment	Run in hole to 2715' Pressure test Tbg to 4100 PSI (Held for 10 minutes with no visible Pressure drop)
Start Time	11:30	End Time	12:00	Comment	Run in hole to 3328' Pressure test Tbg to 3800 Psi (held for 10 minutes with no visible pressure drop)
Start Time	12:00	End Time	13:00	Comment	Run in hole to 3943' Pressure test TBg to 3500 PSI (40 PSI pressure drop in 30 Minutes)
Start Time	13:00	End Time	14:30	Comment	Pick up lubricator and run in hole with Sand line and retrieve Standing Valve, Flush Tbg with 25 bbls fresh water then drop new standing valve and pump on to seat then pressure test to 4500 PSI (50 PSI drop in 30 minutes)
Start Time	14:30	End Time	15:30	Comment	Pull one stand and pressure test tbg to 4500 Psi (held for 30 minutes with no visible pressure loss)
Start Time	15:30	End Time	17:30	Comment	Change couplings on top 3 jts and run back in to 3943' and pressure test to 4500 Psi (held 30 minutes with 10 psi pressure loss), bled off to 3000 Psi (held pressure for 40 minutes with no noticeable pressure drop) make up tbg head bonnett to the tbg then pressure test to 4500 Psi and visually inspect for leaks (no leaks visible, no pressure drop in 5 minutes)
Start Time	17:30	End Time	19:30	Comment	Nipple down BOP then install Tbg head and pump in 65 bbls packer fluid (Western Chemical). Pick up pup joint and latch into the packer, lay down pup joint and land tbg head with 15K in tension. Nipple up injection tree
Start Time	19:30	End Time	20:00	Comment	Pressure test casing to 1500 Psi (left pressure on casing) Shut down for night.
Start Time	20:00	End Time	20:30	Comment	Crew Travel
Report Start Date	4/10/2015	Report End Date	4/10/2015	24hr Activity Summary	
Start Time	06:30	End Time	07:00	Comment	Crew Travel
Start Time	07:00	End Time	07:30	Comment	PJSM and JSA with Rig crew and BMW Hot oiler about High pressure testing
Start Time	07:30	End Time	13:00	Comment	Pressure Test Casing, When the crew arrived they found 250 psi on tbg and 250 psi on the casing, Pressure casing to 1500 psi and pressure dropped several time then stabilized at 1300 psi, and held for one hour. Began MIT test for 30 minutes and passed test with only 10 psi drop in 30 minutes pressure was then bled off and casing valve was monitored for 2 hours to see if it would stop dripping water. (valve did not stop dripping) Discussed with Foreman and Lead and decided that they would like to monitor casing pressure through the weekend to see if pressure would build and csg and tbg pressure would equalize
Start Time	13:00	End Time	13:30	Comment	Crew Travel
Report Start Date	4/13/2015	Report End Date	4/13/2015	24hr Activity Summary	
Start Time	06:00	End Time	06:30	Comment	Crew Travel
Start Time	06:30	End Time	07:00	Comment	PJSM and JSA with Rig crew and BMW Hot oiler about changing weather conditions



Well Name: Federal 2-19-9-16

Job Detail Summary Report

Start Time	07:00	End Time	11:30	Comment
Start Time	11:30	End Time	13:00	Comment
Start Time	13:00	End Time	14:30	Comment
Start Time	14:30	End Time	19:00	Comment
Start Time	19:00	End Time	19:30	Comment
Report Start Date	4/14/2015	Report End Date	4/14/2015	24hr Activity Summary RIH PKR ASSY
Start Time	06:00	End Time	06:30	Comment
Start Time	06:30	End Time	07:30	Comment
Start Time	07:30	End Time	09:00	Comment
Start Time	09:00	End Time	10:00	Comment
Start Time	10:00	End Time	11:30	Comment
Start Time	11:30	End Time	12:00	Comment
Start Time	12:00	End Time	13:30	Comment
Start Time	13:30	End Time	14:00	Comment
Start Time	14:00	End Time	15:30	Comment
Start Time	15:30	End Time	16:00	Comment

Pressure Test Casing: When the crew arrived they found 360 psi on tbg and 360 psi on the casing. Installed digital data recorder and bled casing pressure off to 0. Shut casing in with 360 PSI on tbg and test for 1 hour. Casing pressure increased from 0 to 260 Psi. Discussed with Engineer and decided to flush Tbg with 15 bbls then drop profile plug and pump on to seat in XN with 1.5 bpm (16 BBls) and pressure test Tbg and top of packer assembly to 3500 psi (Pressure bled 150 Psi per minute while casing pressure increased approx. 50 Psi / min.) (NDSI Trucking delivered 130 BBLS of fresh water)

Comment
RIH with Sand line and retrieve Profile plug. Drop standing valve and pump on to seat in SN with 1.5 bpm (22 bbls) then pressure test to 3500 PSI with Casing open. The casing flowed vigorously while pressure was being applied to tbg. The casing was then Shut in and the casing pressure increased while Tbg pressure decreased at 200 Psi per min. Pressure was applied to the tbg until the casing and tbg pressure were equalized at 1500 Psi (held for 10 Minutes with no visible sign of pressure drop on casing or tbg) Pressure was then bled off of the casing and the Tbg pressure began to drop rapidly. RIH with sand line and retrieve Standing Valve. (NDSI Trucking arrived to pull 130 Bbls from flow back tank)

Comment
Nipple down Injection tree and nipple Release Packer (Stacked Oil Tools Donnie Hatch on site to help release Packer /packer released and functioned properly) Nipple up BOPE and rig up rig floor. (Runners Delivered 128- J -55 Couplings and 2 Buckets of Green thread compound)

Comment
Pull out of Hole with Tbg Breaking out every coupling and cleaning then redoping and making up (128) new couplings. Shut in and secure well and shut down for night

Comment
Crew Travel

Comment
Crew Travel

Comment
Monthly Safety Meeting @ Office, JSA

Comment
OWU, P/U & RIH W/2 3/8 Re entry Guide, 2 3/8 X/N Nipple, 2 3/8 X4' J-55 Tbg Sub, 2 3/8X2 7/8 XO, 5 1/2 Arrow #1 Pkr, On Off Tool, 2 7/8 S/N, 127 Jts 2 7/8 J-55 Tbg, 2 7/8X10' J-55 Tbg Sub, Re Torq All Tool Jts On TIH

Comment
R/U BMW H/Oiler, Flush Tbg W/-15 Bbls Wtr, Drop 2 7/8 SV pmp 15 BW To pmp SV To S/N, Pressure Dropped 2500 Psi In 1 Min

Comment
RIH W/-S/Line Fish SV, Drop New SV, pmp SV To S/N W/-15 BW, P/Test Tbg, Same Leak 2500 Psi In 1 Min

Comment
POOH W/-3 Jts Tbg, Found Pin Hle In Jt #3, L/D Bad Jt, RIH W/-3 Jts Tbg

Comment
R/U BMW H/Oiler P/Test Tbg To 3500 Psi (Good Test) 1 Hr

Comment
R/U S/Line Ovrshot RIH & Fish SV

Comment
R/D R/Fir, N/D BOP, N/U W/-HD, R/U BMW H/Oiler pmp 65 Bbls Pkr Fluid D/Csg, N/D W/-HD, Set 5 1/2 Arrow #1 Pkr In 15,000 Tension, 5", N/U W/-HD.

Comment
P/Test Csg To 1420 Psi, Csg Did Not Stabilize, Check Csg Psi In AM if OK Run MIT On Csg



Job Detail Summary Report

Well Name: Federal 2-19-9-16

Start Time	16:00	End Time	16:30	Comment
Report Start Date	4/15/2015	Report End Date	4/15/2015	C/SDFN
24hr Activity Summary		Crew Travel		
Press Test RDMO				
Start Time	06:00	End Time	06:30	Comment
Start Time	06:30	End Time	07:00	Crew Travel
Start Time	07:00	End Time	09:00	PJSM and JSa with BMW hot oil
Start Time	09:00	End Time	10:00	Comment
Start Time	10:00	End Time	12:30	Arrived to find Pressure on casing at 1125 PSI, and Tbg Pressure at 250 PSI, Hook up Hot Oil pump to casing valve and bump pressure up to 1500 PSI. Monitor pressure until Water service hand arrived to MIT test casing. (pressure dropped 20 Psi to 1480 in the first 30 minutes then stabilized.
Start Time	12:30	End Time	14:00	Comment
Start Time	12:30	End Time	13:00	Hook up Data trap and MIT Casing with Pressure holding at 1460 PSI (Passed test
Start Time	13:00	End Time	14:00	Comment
Start Time	14:00	End Time	14:00	Bled Pressure on casing to 0 PSI and monitor with digital data trap (pressure increased to 21 PSI and Stabilized possibly due to gas migration)
Start Time	14:00	End Time	14:00	Comment
Start Time	14:00	End Time	14:00	Rig down Tank and transfer pump roll up hoses. Rig down rig. NDSI trucking called to haul off water in flat tank and frac tank. Tanks will be hauled off on 4/16/15 estimated costs for water and tanks included
Report Start Date	4/16/2015	Report End Date	4/16/2015	Comment
24hr Activity Summary		On 04/13/2015 Richard Powell with the State of Utah was contacted concerning the MIT on the above listed well. On 04/16/2015 the csg was pressured up to 1299 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 290 psig during the test. There was a State representative available to witness the test - Richard Powell.		
Conduct MIT				
Start Time	12:30	End Time	13:00	Comment