

NEWFIELD



January 23, 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: 1-17-9-16, 2-17-9-16, 7-17-9-16, 8-17-9-16,
9-17-9-16, 10-17-9-16, 11-17-9-16, 12-17-9-16, 13-17-9-16, and 15-17-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. 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

JAN 24 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-52018

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 15-17-9-16

9. API Well No.
43-013-33037

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
SW/SE Sec. 17, T9S R16E

12. County or Parish
Duchesne

13. State
UT

1a. Type of Work: DRILL REENTER

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

2. Name of Operator
Newfield Production Company

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

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

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface SW/SE 810' FSL 1961' FEL 573375X 40.025839
At proposed prod. zone 4430769Y - 110.140107

14. Distance in miles and direction from nearest town or post office*
Approximatley 15.7 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. 1961' f/lse, NA' f/unit
Approx. 1448'

16. No. of Acres in lease
640.00

17. Spacing Unit dedicated to this well
40 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1448'

19. Proposed Depth
6005'

20. BLM/BIA Bond No. on file
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5988' GL

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

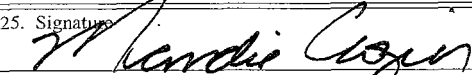
23. Estimated duration
Approximately seven (7) days from spud to rig release.

24. Attachments

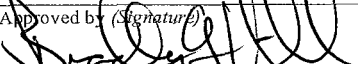
The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

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

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

25. Signature  Name (Printed/Typed) Mandie Crozier Date 1/23/06

Title Regulatory Specialist

Approved by  Name (Printed/Typed) BRADLEY G. HILL Date 01-26-06

Title ENVIRONMENTAL SCIENTIST III

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

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

*(Instructions on reverse)

RECEIVED

JAN 26 2006

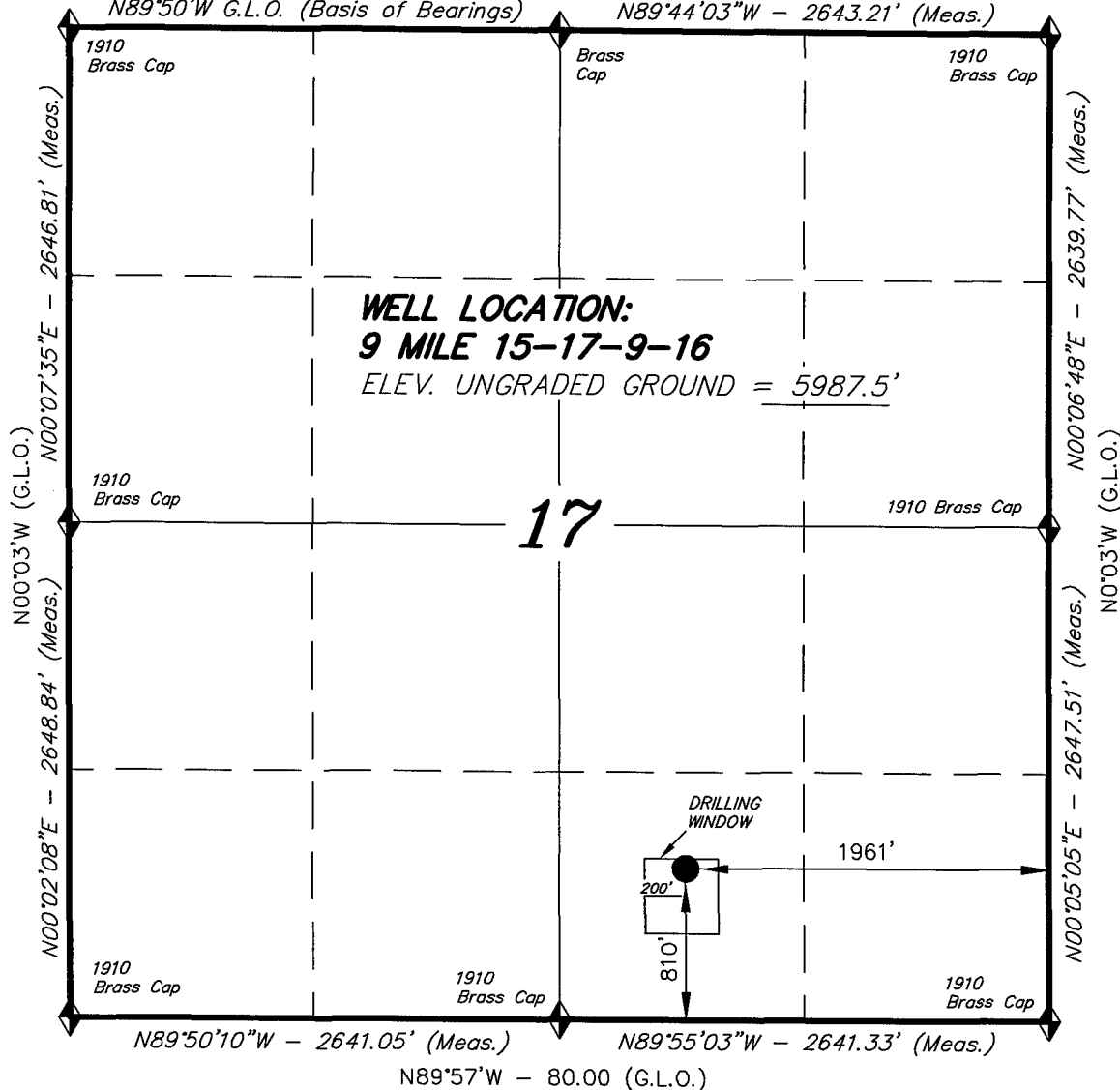
Federal Approval of this
Action is Necessary

ENVIRONMENTAL SCIENTIST III

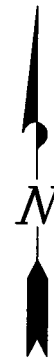
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

2640.94' (Measured) N89°50'W - 80.02 (G.L.O.)
 N89°50'W G.L.O. (Basis of Bearings) N89°44'03"W - 2643.21' (Meas.)



WELL LOCATION, 9 MILE 15-17-9-16,
 LOCATED AS SHOWN IN THE SW 1/4 SE
 1/4 OF SECTION 17, T9S, R16E,
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



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

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

◆ = SECTION CORNERS LOCATED

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

9 MILE 15-17-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 01' 33.09"
 LONGITUDE = 110° 08' 26.80"

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

DATE SURVEYED: 12-12-05	SURVEYED BY: C.M.
DATE DRAWN: 12-28-05	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
FEDERAL #15-17-9-16
SW/SE SECTION 17, 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' – 2565'
Green River	2565'
Wasatch	6005'

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

Green River Formation 2565' – 6005' - 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 #15-17-9-16
SW/SE SECTION 17, 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 #15-17-9-16 located in the SW 1/4 SE 1/4 Section 17, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 10.9 miles \pm to its junction with an existing road to the southeast; proceed southeasterly - 1.5 miles \pm to its junction with an existing road to the northeast; proceed northeasterly - 0.3 miles \pm to its junction with the beginning of the proposed access road; proceed northeasterly along the proposed access road - 1900' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

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

For the Federal #15-17-9-16 Newfield Production Company requests 1900' of disturbed area be granted in Lease UTU-52018 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 1900' of disturbed area be granted in Lease UTU-52018 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 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 3340' of disturbed area be granted in Lease UTU-52018 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

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

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

Threatened, Endangered, And Other Sensitive Species

None.

Reserve Pit Liner

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

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

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

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 #15-17-9-16 was on-sited on 11/5/05. 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 #15-17-9-16 SW/SE Section 17, Township 9S, Range 16E: Lease UTU-52018 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.

1/23/06

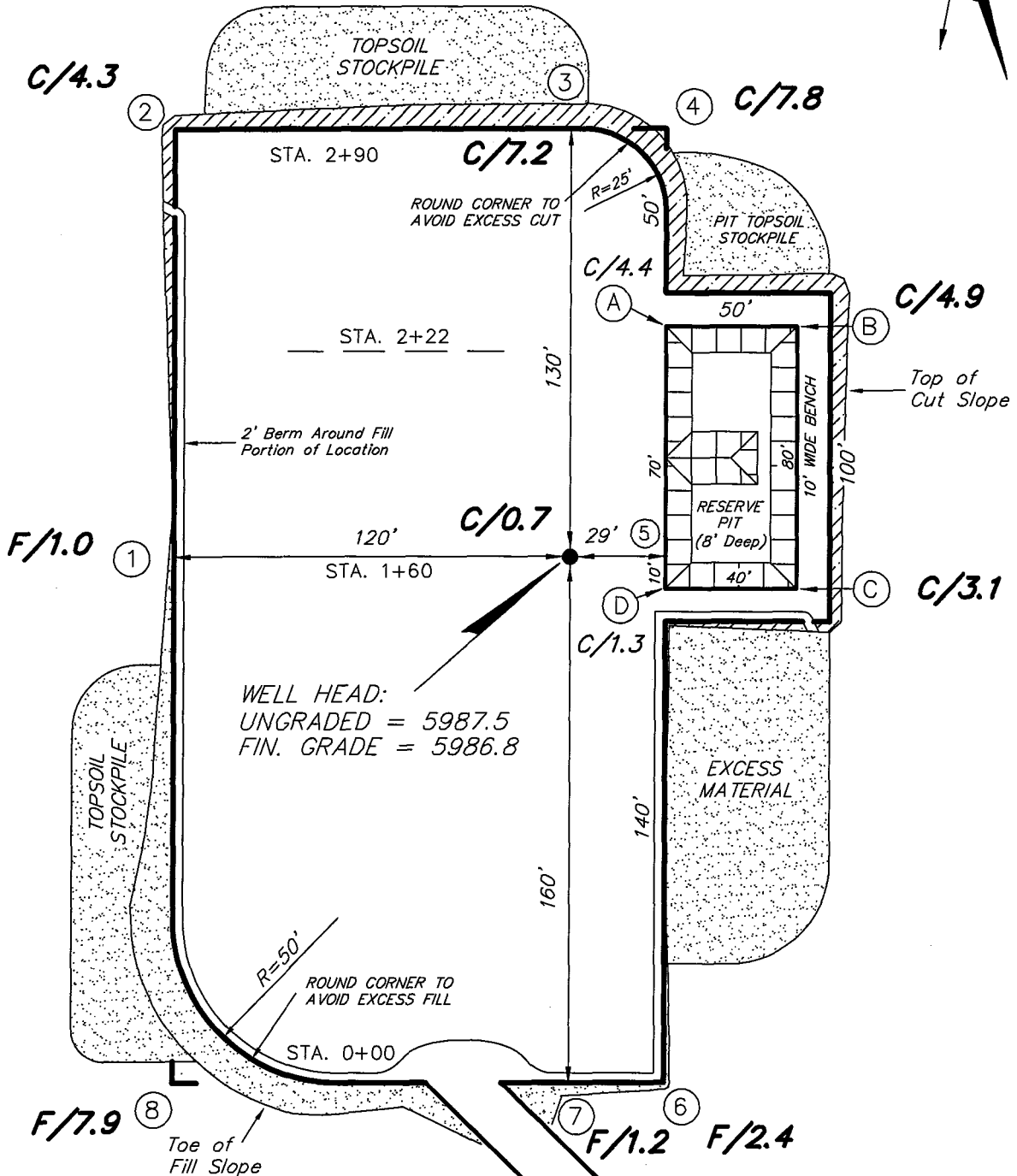
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 15-17-9-16

Section 17, T9S, R16E, S.L.B.&M.



REFERENCE POINTS

- 170' EASTERLY = 5983.2'
- 220' EASTERLY = 5980.1'
- 180' SOUTHERLY = 5996.7'
- 230' SOUTHERLY = 6002.2'

PROPOSED ACCESS ROAD (Max. 6% Grade)

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: M.W.

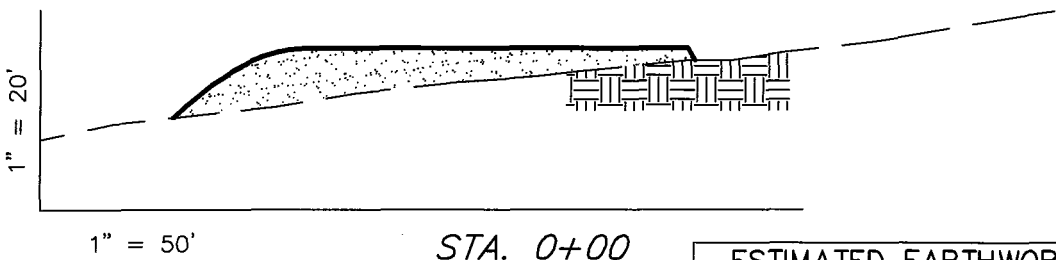
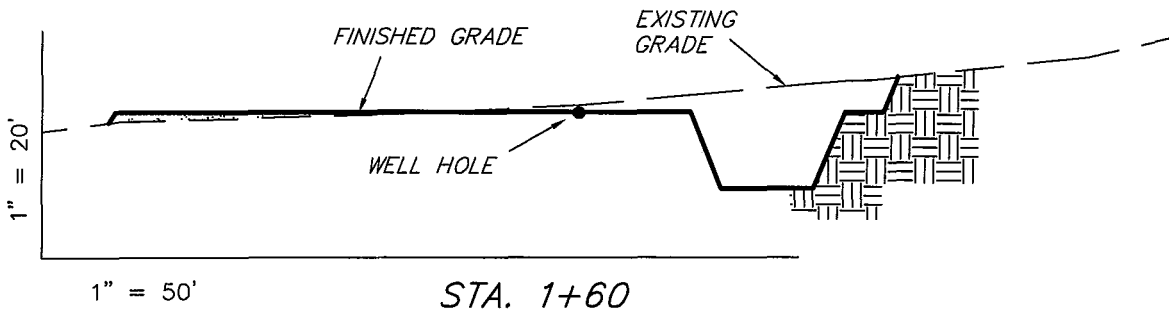
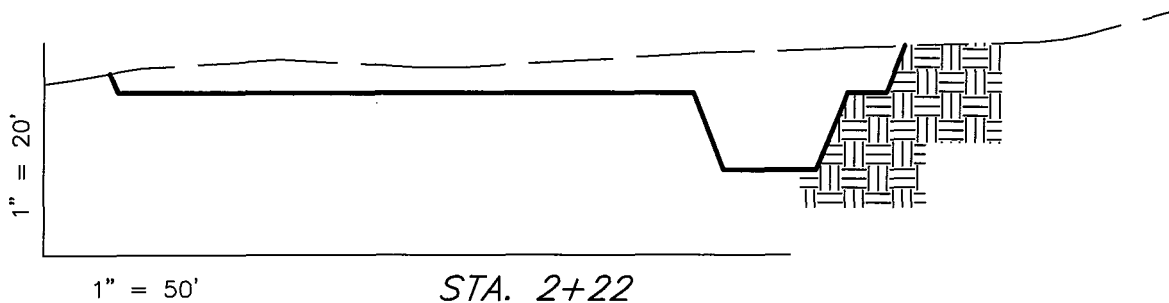
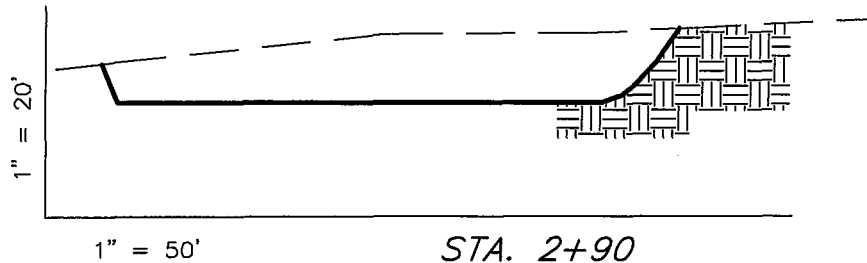
DATE: 12-28-2005

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

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 15-17-9-16



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

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,820	2,670	Topsoil is not included in Pad Cut	150
PIT	640	0		640
TOTALS	3,460	2,670	970	790

SURVEYED BY: C.M.

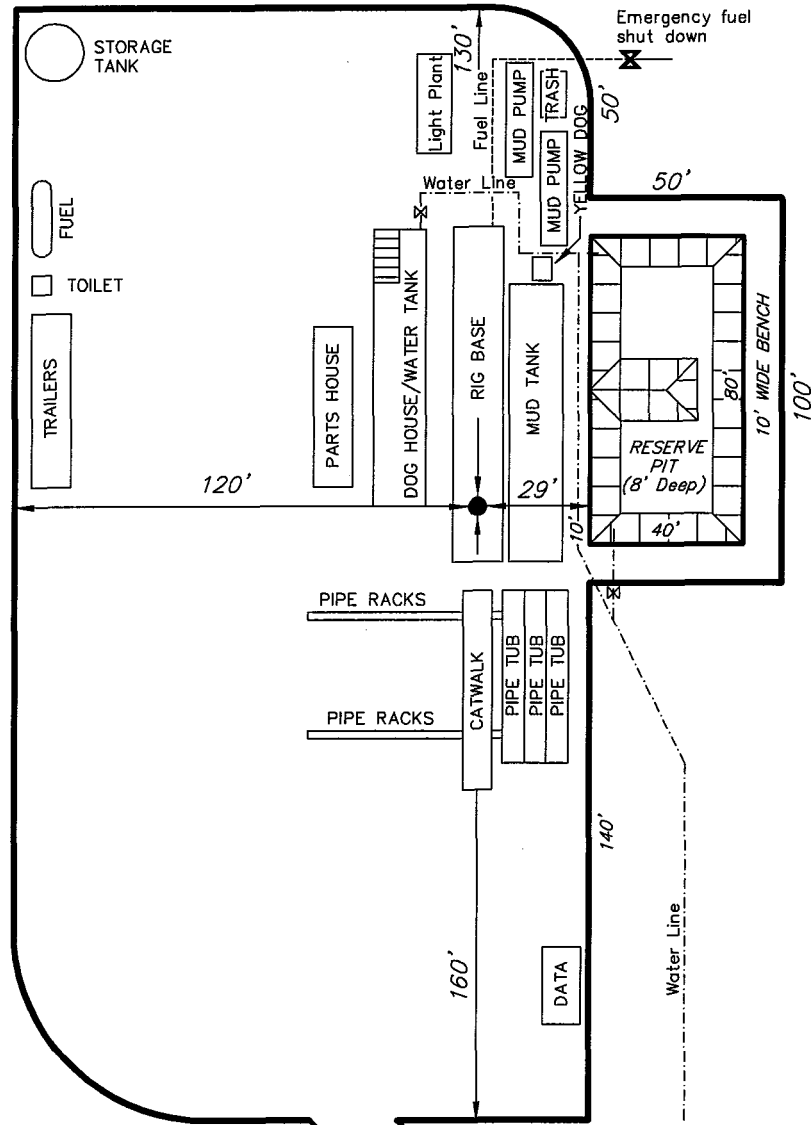
SCALE: 1" = 50'

DRAWN BY: M.W.

DATE: 12-28-2005

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

NEWFIELD PRODUCTION COMPANY
TYPICAL RIG LAYOUT
9 MILE 15-17-9-16



SURVEYED BY: C.M.	SCALE: 1" = 50'	Tri State Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078
DRAWN BY: M.W.	DATE: 12-28-2005	

(435) 781-2501



NEWFIELD
Exploration Company

9 Mile 15-17-9-16
SEC. 17, 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: L.C.S.
DATE: 12-29-2005

Legend

- Existing Road
 - Proposed Access
- TOPOGRAPHIC MAP**
- "A"**

J-74826

U-30096

U-034217A

UTU-73087

UTU-73086

U-020255

UTU-74390

UTU-79833

UTU-64379

UTU-64379

U-52018

Myton ±12.5 mi.

±1.5 mi.

±0.3 mi.

Proposed Location
9 Mile 15-17

±140'

±1,760'



NEWFIELD
Exploration Company

9 Mile 15-17-9-16
SEC. 17, 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: L.C.S.
DATE: 12-29-2005

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP
"B"

J-74826

U-30096

U-034217A

UTU-73087

UTU-73086

U-020255

U-020254

UTU-74390

UTU-79833

UTU-64379

UTU-64379

Tie in at Existing Gas Pipeline

52018

Proposed Location 9 Mile 15-17

±140'
±140'
±1,760'
±3,200'



NEWFIELD
Exploration Company

9 Mile 15-17-9-16
SEC. 17, T9S, R16E, S.L.B.&M.

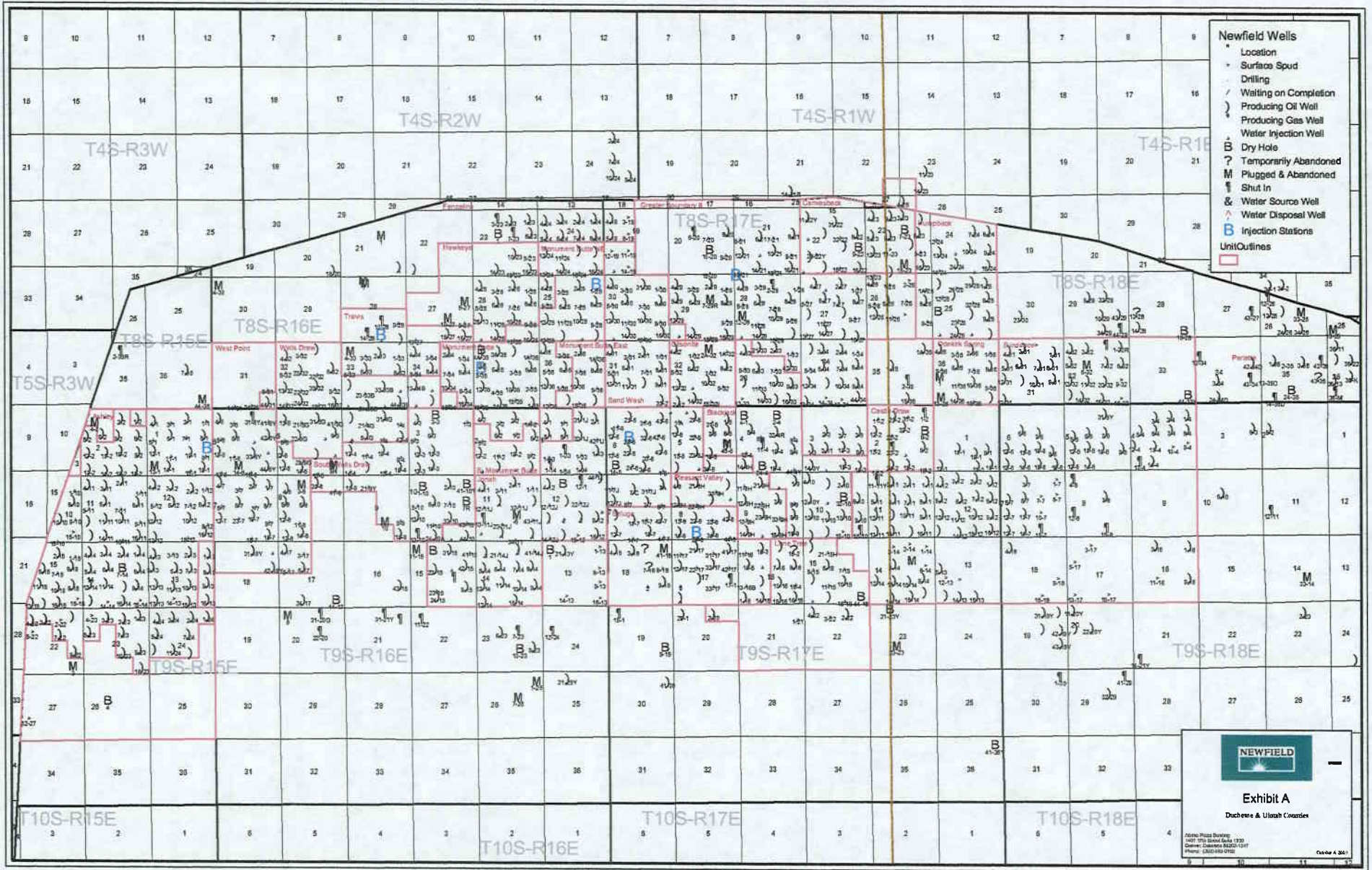


Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'
DRAWN BY: L.C.S.
DATE: 12-29-2005

Legend	
	Roads
	Proposed Gas Line
	Proposed Water Line

TOPOGRAPHIC MAP
"C"



UTU-74390

U-020255

UTU-65207

UTU-64379

U-40894

UTU-64379

U-52018

Proposed Location
9 Mile 15-17

UTU-6



NEWFIELD
Exploration Company

9 Mile 15-17-9-16
SEC. 17, 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: L.C.S.
DATE: 12-29-05

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

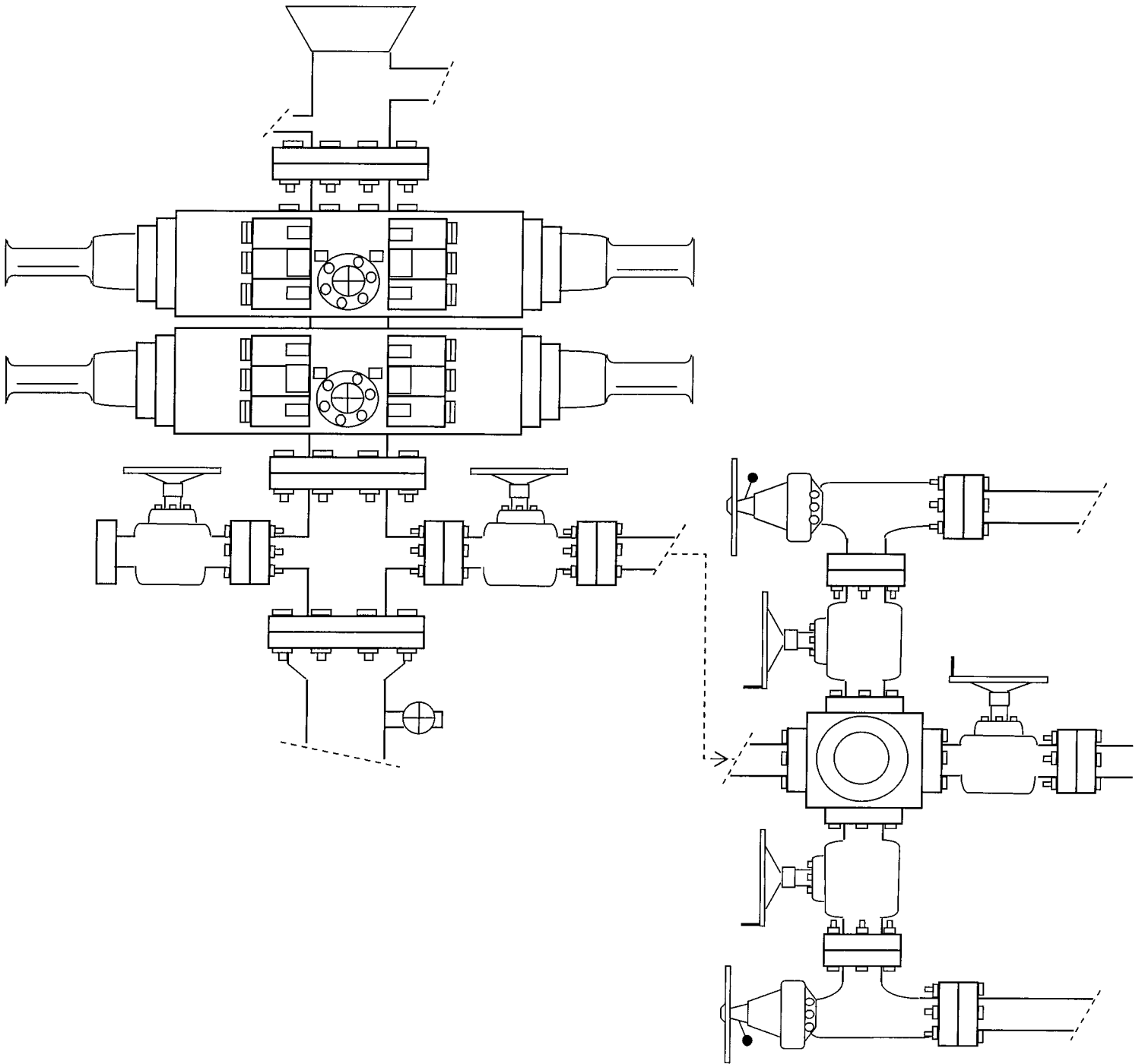


EXHIBIT C

A CULTURAL RESOURCE SURVEY OF THE SOUTH WELLS DRAW UNIT,

DUCHESNE COUNTY, UTAH

by

Ann Polk
and
Danielle Diamond

Prepared for:

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

Prepared by:

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

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

and

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

Archaeological Report No. 1030-01

April 23, 1998

NEWFIELD PRODUCTION COMPANY

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

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

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
November 10, 2005

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 01/24/2006

API NO. ASSIGNED: 43-013-33037

WELL NAME: FEDERAL 15-17-9-16
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWSE 17 090S 160E
 SURFACE: 0810 FSL 1961 FEL
 BOTTOM: 0810 FSL 1961 FEL
 COUNTY: DUCHESNE
 LATITUDE: 40.02584 LONGITUDE: -110.1401
 UTM SURF EASTINGS: 573375 NORTHINGS: 4430769
 FIELD NAME: MONUMENT BUTTE (105)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-52018
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

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

LOCATION AND SITING:

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

COMMENTS:

Sep. Separate file

STIPULATIONS:

1. Federal Approval
2. Spacing Strip



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 17 T. 9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

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

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

Wells Status

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



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 26-JANUARY-2006



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

January 26, 2006

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

Re: Federal 15-17-9-16 Well, 810' FSL, 1961' FEL, SW SE, Sec. 17, 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 43-013-33037.

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 15-17-9-16

API Number: 43-013-33037

Lease: UTU-52018

Location: SW SE Sec. 17 T. 9 South R. 16 East

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

RECEIVED

JAN 24 2006

BLM VERNAL, UTAH

Form 3160-3
(September 2001)

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

UNITED STATES
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-52018
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 15-17-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SWSE 810' FSL 1961' FEL At proposed prod. zone		9. API Well No. 43-013-33037
14. Distance in miles and direction from nearest town or post office*. Approximatley 15.7 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. 1961' f/lease, NA' f/unit	16. No. of Acres in lease 640.00	11. Sec., T., R., M., or Blk. and Survey or Area SWSE Sec. 17, T9S R16E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1448'	17. Spacing Unit dedicated to this well 40 Acres	12. County or Parish Duchesne
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5988' GL	19. Proposed Depth 6005'	13. State UT
22. Approximate date work will start* 1st Quarter 2006		20. BLM/BIA Bond No. on file UTB000192
23. Estimated duration Approximately seven (7) days from spud to rig release.		

24. Attachments

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

- | | |
|---|--|
| 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 <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 1/23/06
Title Regulatory Specialist		

Approved by (Signature) <i>Jerry Kenczka</i>	Name (Printed/Typed) JERRY KENCZKA	Date 8-4-2006
Title Assistant Field Manager 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.

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

*(Instructions on reverse)

NOTICE OF APPROVAL

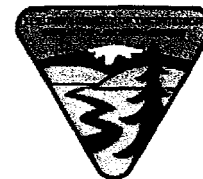
CONDITIONS OF APPROVAL ATTACHED
RECEIVED

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
DIV. OF OIL, GAS & MINING

AUG 10 2006



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company **Location:** SWSE, Sec. 17, T9S, R16E
Well No: Federal 15-17-9-16 **Lease No:** UTU-52018
API No: 43-013-33037 **Agreement:** N/A

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Chris Carusona	Office: 435-781-4441	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Scott Ackerman	Office: 435-781-4437	
Natural Resource Specialist:	Nathaniel West	Office: 435-781-4447	
After hours contact number: (435) 781-4513		FAX: (435) 781-4410	

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

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

NOTIFICATION REQUIREMENTS

- | | |
|---|--|
| Location Construction
(Notify Chris Carusona) | - Forty-Eight (48) hours prior to construction of location and access roads. |
| Location Completion
(Notify Chris Carusona) | - Prior to moving on the drilling rig. |
| Spud Notice
(Notify Petroleum Engineer) | - Twenty-Four (24) hours prior to spudding the well. |
| Casing String & Cementing
(Notify Jamie Sparger SPT) | - Twenty-Four (24) hours prior to running casing and cementing all casing strings. |
| BOP & Related Equipment Tests
(Notify Jamie Sparger SPT) | - 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)**

DRILLING AND CONSTRUCTION

All applicable local, state, and/or federal laws, regulations, and/or statutes must be complied with.

Prior to construction the operator must consult with the U.S. Army Corps of Engineers regarding compliance with Section 404 of the Clean Water Act.

In accordance with the Migratory Bird Treaty Act if a nest is found the operator shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer.

Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel shall not be allowed.

If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. may be needed to control the erosion. The operator shall submit a proposal to control erosion to the BLM.

The reserve pit shall be double lined with felt and a 12 ml or greater liner.

No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.

The liner is to be cut at the level of the cuttings or treated to prevent the reemergence of the pit liner and pit material to the surface or its interference with long-term successful re-vegetation. Any excess liner material removed from the pit is to be disposed of at an authorized disposal site.

When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.

Drill cuttings and mud shall remain in the reserve pit until DRY. The reserve pit must be free of oil and other liquid and solid wastes, allowed to dry, be pumped dry, or solidified in-situ prior to filling. The reserve pit shall not be "squeezed," (filled with soil while still containing fluids) or "cut" (puncturing the pit liner while still containing fluids to allow pit fluids to drain from the pit).

Prevent fill and stock piles from entering drainages.

CULTURAL AND PALEONTOLOGICAL RESOURCES STIPULATION.

Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery shall be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The

holder shall be responsible for the cost of evaluation and a decision as to proper mitigation measures shall be made by the authorized officer after consulting with the holder.

The access road shall be crowned and ditched. Flat-bladed roads are NOT allowed.

Notify the Authorized Officer 48 hours prior to surface disturbing activities.

Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil respread over the surface; and, the surface revegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeding.

Noxious weeds and any undesirable plants, as determined by the BLM, shall be controlled by the operator. The operator shall submit a pesticide use proposal to control weeds if they develop on the location or access road.

Trees must be removed from the location; must be piled separately off location; and saved for final reclamation purposes.

INTERIM RECLAMATION

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

Interim Reclamation Seed Mix for location:

Crested wheat grass <i>Agropyron cristatum</i>	4 lbs/acre
Per Live Seed Total	4 lbs/acre

Certified weed free seed and straw shall be used for final and interim reclamation. The operator shall submit a receipt with certification for the seed and any straw used on location.

The topsoil from the reserve pit should be stripped and piled separately near the reserve pit. When the reserve pit is closed it should be re-contoured, then the area should be seeded in the same manner as the topsoil.

There shall be no primary or secondary noxious weeds in the seed mixture.

The above listed seed mix shall be used to seed all unused portions of the pad including the topsoil and stock piles, and the reserve pits. Re-seeding may be required if the first seeding is not successful.

The seed shall be drilled or disked into the ground or hand broadcast onto the ground. Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixture shall be doubled and the area raked or chained to cover the seed. Seeding shall be conducted in fall.

COMPLETION AND PRODUCTION

All Blow back fluids from completion operations shall be contained in such a manner that no oil reaches the reserve pit.

During all road building, pad construction, drilling, well completion, producing and abandonment activities, all gasoline, diesel powered equipment used must be equipped with approved spark arresters or mufflers.

The dikes for the production facilities will be constructed of compacted subsoil, be impervious, hold 110% the capacity of the largest tank with (one) 1 foot of freeboard and be independent of the backcut. All galvanized material used for dikes shall be painted on the inside and outside. Dikes shall be installed before production starts. Diking of the entire location will only be used as a secondary means of containment.

Production facilities (including dikes) shall be placed on cut and a minimum of 20' from the toe of the backcut.

Pesticides may not be used to control undesirable woody and herbaceous vegetation, aquatic plants, insects, rodents, trash fish, etc., without the prior written approval of the BLM. A request for approval of planned uses of pesticides shall be submitted 4 months prior to the proposed starting date.

No production pits shall be allowed on the location.

Load outs shall be inside the dike. A drip barrel shall be installed under the end of the loadout line.

All production facilities, i.e. pump, pump house, storage tanks, oil-water separator, galvanized dikes, propane tanks, etc. shall be painted with a lusterless color (see well stipulations for color specific to each well). All facilities shall be painted within twelve (12) months of installation.

The well location shall be maintained in a clean environmentally friendly manner, using good house keeping practices.

Equipment not being used for production shall not be stored on the well location.

All oil and chemical barrels shall be labeled and have a spill containment device to protect soils from possible contamination.

ABANDONED WELL – FINAL RECLAMATION

A sundry notice shall be submitted to the BLM prior to abandonment, a final reclamation seed mix shall be designated at the time the sundry is approved.

The cut and fill slopes shall be recontoured to original contours. The entire disturbed area shall then be back-filled with topsoil, landscaped, seeded and fenced to exclude livestock. The fence shall remain in place. It shall be removed prior to approval of final abandonment.

The seed shall be drilled or hand broadcast and harrowed into the ground during September of the year following earthwork for initial or final reclamation. Planting depth shall not exceed one-half inch using a seed drill. Weed free mulch shall also be applied to the planting area

sufficiently to uniformly cover 80% of the seeded area. Hydroseeding and mulching can also be used, but seeding rates will need to be doubled.

When seeding *Artemisia* spp or shrubs broadcast seed and chain the area.

Final reclamation shall be a stage process.

If invasive or undesirable species are present in the area the location to be reclaimed will be sprayed with a pesticide in fall preferably October. (pesticide determined by the Vernal Field Office).

30 days after treatment drill seed the location with 4 lbs/acre Crested wheatgrass.

Once the desired pioneer species has established (2 yrs +) the seeded area shall be sprayed in a mosaic pattern with the above determined pesticide.

Reseed within 30 days with an approved native final reclamation seed mix.

Final reclamation will be considered complete once desired plants are > 5 plants per square meter and invasive or un-desirable species are < 100 plants per square meter.

Paint olive drab. 6" and 4" surface poly gas lines, 3" buried poly water return line and 3" steel buried water injection line.

DOWNHOLE CONDITIONS OF APPROVAL

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

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- None

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
- Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.
- All BOPE components will 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 must be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test must be reported in the driller's log.
- BOP drills must 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.
- All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
- No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will 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 must be obtained and notification given before resumption of operations.

- Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.
- In accordance with 43 CFR 3162.4-3, this well must 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.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will 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, will 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) will be submitted only when requested by the BLM, Vernal Field Office.
- **Please submit an electronic copy of all 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. The cement bond log must be submitted in raster format (TIF, PDF other).**
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will 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.
- 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.

- This APD is approved subject to the requirement that, shall 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 will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- 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, will 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.
- 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.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 15-17-9-16

Api No: 43-013-33037 Lease Type: FEDERAL

Section 17 Township 09S Range 16E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 08/18/06

Time 3:00 PM

How DRY

Drilling will Commence: _____

Reported by DON SEBASTIAN

Telephone # (435) 823-6012

Date 08/18/06 Signed CHD

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

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

OPERATOR ACCT. NO. N2895

PAGE 02

INLAND

4356463031

16:43

08/23/2006

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	15594	43-013-33035	Federal 12-17-9-16	NW/SW	17	9S	16E	DUCHENSE	08/17/06	8/24/06

WELL 1 COMMENTS: *GRRV*

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	15595	43-013-33037	Federal 15-17-9-16	SW/NE	17	9S	16E	DUCHESNE	08/18/06	8/24/06

GRRV

SWSE

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	15596	43-013-33039	Federal 11-17-9-16	NE/SW	17	9S	16E	DUCHESNE	08/21/06	8/24/06

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		

WELL 5 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		

WELL 5 COMMENTS:

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

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

RECEIVED
 AUG 23 2006

Lana Nebeker
 Signature
 LANA NEBEKER
 Production Analyst
 August 23, 2006
 Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPlicate - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 810 FSL 1961 FEL
 SWSE Section 17 T9S R16E

5. Lease Serial No.
UTU-52D1B

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
 FEDERAL 15-17-9-16

9. API Well No.
 4301333037

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

11. County or Parish, State
 DUCHESNE, UT


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

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

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

On 8/18/2006 MIRU NDSI NS # 1. Spud well @ 3:00 PM. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 322.03'/ KB On 8/23/2006 cement with 160 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 6 bbls cement to pit. WOC.

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

Signature 

Title
Drilling Foreman

Date
 08/23/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

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

Office _____

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

(Instructions on reverse)

RECEIVED

AUG 29 2006

DIV. OF OIL, GAS & MINING

LAST CASING 8 5/8" set @ 322.03
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 320 LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
 WELL Federal 15-17-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI NS # 1

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 43.35'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	310.18
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			312.03
TOTAL LENGTH OF STRING		312.03	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			322.03
TOTAL		310.18	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		310.18	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.	Spud	8/18/2006	3:00 PM	GOOD CIRC THRU JOB <u>YES</u>			
CSG. IN HOLE		8/19/2006	1:45 PM	Bbls CMT CIRC TO SURFACE <u>6</u>			
BEGIN CIRC		8/23/2006	11:36 AM	RECIPROCATED PIPE FOR <u>N/A</u>			
BEGIN PUMP CMT		8/23/2006	11:45 AM				
BEGIN DSPL. CMT		8/23/2006	11:56 AM	BUMPED PLUG TO <u>550</u> PSI			
PLUG DOWN		8/23/2006	12:06 PM				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third for 3							

COMPANY REPRESENTATIVE Troy Zufelt DATE 8/23/2006

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Serial No. UTU-52013

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
FEDERAL 15-17-9-16

9. API Well No.
4301333037

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
810 FSL 1961 FEL
SWSE Section 17 T9S R16E

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

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

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

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

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

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

I hereby certify that the foregoing is true and correct (Printed/ Typed) Mandie Crozier	Title Regulatory Specialist
Signature <i>Mandie Crozier</i>	Date 10/16/2006
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	

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

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

(Instructions on reverse)

RECEIVED

OCT 17 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.
LTL-50018

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
FEDERAL 15-17-9-16

9. API Well No.
4301333037

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
810 FSL 1961 FEL
SWSE Section 17 T9S R16E

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

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

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

Newfield Production Company is requesting a variance from Onshore Order 43 CFR Part 3160 Section 4 requiring production tanks to be equipped with Enardo or equivalent vent line valves. Newfield operates wells that produce from the Green River formation, which are relatively low gas producers (20 mcfpd). The majority of the wells are equipped with a three phase separator to maximize gas separation and sales.

Newfield is requesting a variance for safety reasons. Crude oil production tanks equipped with back pressure devices will emit a surge of gas when the thief hatches are open. While gauging tanks, lease operators will be subject to breathing toxic gases as well as risk a fire hazard, under optimum conditions

COPY SENT TO OPERATOR
Date: 10/20/06
Initials: RM

Accepted by the
Lith Division of
Oil, Gas and Mining

Date: 10/20/06
[Signature]

Federal Approval Of This
Action Is Necessary

I hereby certify that the foregoing is true and correct (Printed/ Typed)
BY: Mandie Crozier Title: Regulatory Specialist

Signature: [Signature] Date: 10/16/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

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

Office _____

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

RECEIVED

OCT 17 2006

(Instructions on reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 810 FSL 1961 FEL
 SWSE Section 17 T9S R16E

5. Lease Serial No.
 UTA-52018

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
 FEDERAL 15-17-9-16

9. API Well No.
 4301333037

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

11. County or Parish, State
 DUCHESNE, UT

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

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

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

On 9/21/2006 MIRU Patterson Rig # 155. 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 6,005'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 136 jt's of 5.5 J-55, 15.5# csgn. Set @ 6000.06' / KB. Cement with 325 sks cement mixed @ 11.0 ppg & 3.49 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. With 24 bbls returned to pit. Nipple down Bop's. Drop slips @ 95,000 #'s tension. Release rig 7:00 am on 9/27/2006.

RECEIVED
OCT 02 2006
 DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed)
 Troy Zufelt
 Signature _____
 Title *Dilling Foreman*
 Date 09/27/2006

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

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6000.06

LAST CASING 8 5/8" SET # 322'
 DATUM 12' KB
 DATUM TO CUT OFF CASING 12'
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 6005' Loggers TD 5996'
 HOLE SIZE 7 7/8"

Flt clr @ 5954.46'
 OPERATOR Newfield Production Company
 WELL Federal 15-17-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Patterson #155

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 3958.28' (6.58')					
135	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5942.46
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	44.35
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6002.06
TOTAL LENGTH OF STRING		6002.06	136	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		286.38	7	CASING SET DEPTH			6000.06
TOTAL		6273.19	143	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6273.19	143				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		9/26/2006	8:00 PM	GOOD CIRC THRU JOB		YES	
CSG. IN HOLE		9/26/2006	10:30 PM	Bbls CMT CIRC TO SURFACE		24	
BEGIN CIRC		9/26/2006	10:45 PM	RECIPROCATED PIPE FOR <u>THRUSTROKE</u> NA			
BEGIN PUMP CMT		9/27/2006	1:52 AM	DID BACK PRES. VALVE HOLD ? <u>YES</u>			
BEGIN DSPL. CMT		9/27/2006	2:44 AM	BUMPED PLUG TO		2022	PSI
PLUG DOWN		9/27/2006	3:06 AM				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	325	Premiite II w/ 10% gel + 3 % KCL, 5#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake mixed @ 11.0 ppg W / 3.49 cf/sk yield					
2	450	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Troy Zufelt DATE 9/27/2006

RECEIVED
 OCT 02 2006
 DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:

UTU-52018

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

7. UNIT or CA AGREEMENT NAME:

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

1. TYPE OF WELL:

OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:

FEDERAL 15-17-9-16

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

9. API NUMBER:

4301333037

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER

435.646.3721

10. FIELD AND POOL, OR WILDCAT:

MONUMENT BUTTE

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 810 FSL 1961 FEL

COUNTY: DUCHESNE

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE, 17, T9S, R16E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>10/27/2006</u>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Status report for time period 10/05/06 - 10/13/06

Subject well had completion procedures initiated in the Green River formation on 10-05-06 without the use of a service rig over the well. A cement bond log was run and a total of four Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5817'-5851'); Stage #2 (5515'-5538'); Stage #3 (4980'-4987'); Stage #4 (4684'-4698'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 10-11-2006. Bridge plugs were drilled out and well was cleaned to 5954'. Zones were swab tested for sand cleanup. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 10-13-2006.

RECEIVED

OCT 31 2006

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE *Jentri Park*

DATE 10 27 2006

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.

UTU-52018

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

Federal

8. FARM OR LEASE NAME, WELL NO.

Federal 15-17-9-16

9. WELL NO.

43-013-33037

10. FIELD AND POOL OR WILDCAT

Monument Butte

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

Sec. 17, T9S, R16E

1a. TYPE OF WORK

OIL WELL GAS WELL DRY Other _____

1b. TYPE OF WELL

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

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

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

At Surface 810' FSL & 1961' FEL (SW/SE) Sec. 17, T9S, R16E
At top prod. Interval reported below

At total depth

14. API NO. 43-013-33037 DATE ISSUED 01/26/06

12. COUNTY OR PARISH Duchesne

13. STATE UT

15. DATE SPURRED

08/18/06

16. DATE T.D. REACHED

09/26/06

17. DATE COMPL. (Ready to prod.)

10/13/06

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

5988' GL

19. ELEV. CASINGHEAD

6000' KB

20. TOTAL DEPTH, MD & TVD

6005'

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

5954'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

----->

ROTARY TOOLS

X

CABLE TOOLS

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

Green River 4684'-5851'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

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

27. WAS WELL CORED

No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	322'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6000'	7-7/8"	300 sx Premilite II and 425 sx 50/50 Poz	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	EOT @ 5897'	TA @ 5798'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP5) 5817'-5851'	.46"	2/68	5817'-5851'	Frac w/ 89,648# 20/40 sand in 681 bbls fluid
(CP1) 5515'-5538"	.43"	4/92	5515'-5538'	Frac w/ 60,364# 20/40 sand in 493 bbls fluid
(A.5) 4980'-4987'	.43"	4/28	4980'-4987'	Frac w/ 29,934# 20/40 sand in 393 bbls fluid
(D3) 4684'-4698'	.43"	4/56	4684'-4698'	Frac w/ 87,753# 20/40 sand in 610 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION 10/13/06	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 14' RHAC SM Plunger Pump	WELL STATUS (Producing or shut-in) PRODUCING					
DATE OF TEST 30 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL. 38	GAS--MCF. 0	WATER--BBL. 30	GAS-OIL RATIO 0
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	

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

Sold & Used for Fuel

TEST WITNESSED BY

RECEIVED

35. LIST OF ATTACHMENTS

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

SIGNED Jerry Park TITLE Production Clerk

DATE 11/3/2006
DIV. OF OIL, GAS & MINERAL JP

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

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Federal 15-17-9-16	Garden Gulch Mkr	3597'	
				Garden Gulch 1	3814'	
				Garden Gulch 2	3919'	
				Point 3 Mkr	4165'	
				X Mkr	4431'	
				Y-Mkr	4463'	
				Douglas Creek Mkr	4578'	
				BiCarbonate Mkr	4748'	
				B Limestone Mkr	4902'	
				Castle Peak	5480'	
				Basal Carbonate	5924'	
				Total Depth (LOGGERS)	5996'	



June 7, 2012

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

RE: Permit Application for Water Injection Well
Federal #15-17-9-16
Monument Butte Field, Lease #UTU-52018
Section 17-Township 9S-Range 16E
Duchesne County, Utah

JUN 12 2012

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #15-17-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg", written in a cursive style.

Eric Sundberg
Regulatory Lead

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #15-17-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-52018
JUNE 7, 2012

TABLE OF CONTENTS

LETTER OF INTENT	
COVER PAGE	
TABLE OF CONTENTS	
UIC FORM 1 – APPLICATION FOR INJECTION WELL	
WELLBORE DIAGRAM OF PROPOSED INJECTION	
WORK PROCEDURE FOR INJECTION CONVERSION	
COMPLETED RULE R615-5-1 QUESTIONNAIRE	
COMPLETED RULE R615-5-2 QUESTIONNAIRE	
ATTACHMENT A	ONE-HALF MILE RADIUS MAP
ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – FEDERAL #15-17-9-16
ATTACHMENT E-1	WELLBORE DIAGRAM – FEDERAL #1-20-9-16
ATTACHMENT E-2	WELLBORE DIAGRAM – FEDERAL #3-20-9-16
ATTACHMENT E-3	WELLBORE DIAGRAM – FEDERAL #13-17-9-16
ATTACHMENT E-4	WELLBORE DIAGRAM – FEDERAL #11-17-9-16
ATTACHMENT E-5	WELLBORE DIAGRAM – FEDERAL #9-17-9-16
ATTACHMENT E-6	WELLBORE DIAGRAM – FEDERAL #10-17-9-16
ATTACHMENT E-7	WELLBORE DIAGRAM – FEDERAL #7-17-9-16
ATTACHMENT E-8	WELLBORE DIAGRAM – NGC FEDERAL #31-20G-9-16
ATTACHMENT E-9	WELLBORE DIAGRAM – MONUMENT FEDERAL #24-17-9-16
ATTACHMENT E-10	WELLBORE DIAGRAM – GMB #3-16-9-16H
ATTACHMENT E-11	WELLBORE DIAGRAM – STATE #13-16-9-16
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED – 10/6/2006 – 10/14/2006
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 #15-17-9-16
 Field or Unit name: Monument Butte (Green River) Lease No. UTU-52018
 Well Location: QQ SWSE section 17 township 9S range 16E county Duchesne

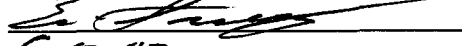
Is this application for expansion of an existing project? Yes No
 Will the proposed well be used for:
 Enhanced Recovery? Yes No
 Disposal? Yes No
 Storage? Yes No
 Is this application for a new well to be drilled? Yes No
 If this application is for an existing well,
 has a casing test been performed on the well? Yes No
 Date of test: _____
 API number: 43-013-33037

Proposed injection interval: from 3918 to 5954
 Proposed maximum injection: rate 500 bpd pressure 2084 psig
 Proposed injection zone contains oil, gas, and/or fresh water within 1/2
 mile of the well.

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

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

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

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

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

Comments:

Federal 15-17-9-16

Spud Date: 08/18/06
 Put on Production: 10/13/06
 K.B.: 6000, G.L5988

Initial Production: BOPD,
 MCFD, BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (310.18')
 DEPTH LANDED: 322.03' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

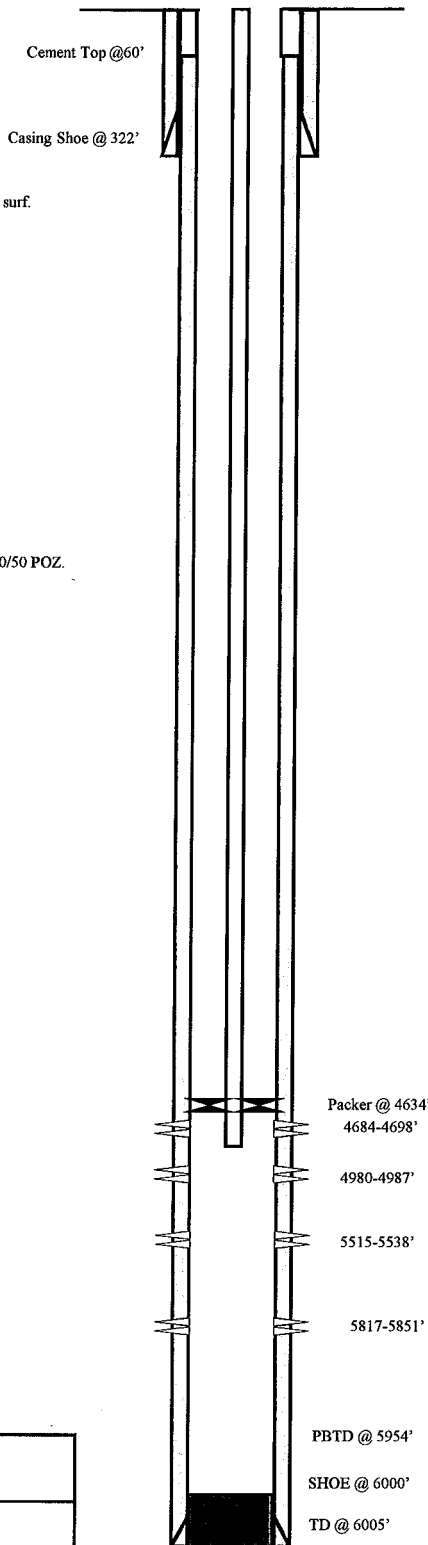
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 136 jts. (5986.81')
 DEPTH LANDED: 6000.06' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP: 60'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 183 jts (5785.5')
 TUBING ANCHOR: 5785.5' KB
 NO. OF JOINTS: 1 jts (31.7')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5820.1' KB
 NO. OF JOINTS: 2 jts (63.4')
 TOTAL STRING LENGTH: EOT @ 5885' KB

FRAC JOB

10/10/06	5817-5851'	Frac CP5 sands as follows: 89648# 20/40 sand in 681 bbls Lightning 17 frac fluid. Treated @ avg press of 1910 psi w/avg rate 25.3 BPM. ISIP 2250 psi. Calc flush: 5849 gal. Actual flush: 5309 gal.
10/10/06	5515-5538'	Frac CP1 sands as follows: 60364# 20/40 sand in 493 bbls Lightning 17 frac fluid. Treated @ avg press of 1727 psi w/avg rate of 25.1 BPM. ISIP 2120 psi. Calc flush: 5536 gal. Actual flush: 4998 gal.
10/11/06	4980-4987'	Frac A.5 sands as follows: 29934# 20/40 sand 393 bbls Lightning 17 frac fluid. Treated @ avg press of 2320 psi w/avg rate of 25 BPM. ISIP 2500 psi. Calc flush: 4985 gal. Actual flush: 4473 gal.
10/11/06	4684-4698'	Frac D3 sands as follows: 87753# 20/40 sand in 610 bbls Lightning 17 frac fluid. Treated @ avg press of 1960 psi w/avg rate of 25 BPM. ISIP 2250 psi. Calc flush: 4696 gal. Actual flush: 4578 gal.
11/30/06	Pump Change	Rod & Tubing Detail updated.
05/02/08	Stuck Pump	Tubing detail updated.
3/19/10		Pump change. Updated rod and tubing detail.
11/24/2011		Pump Change. Updated rod & tubing detail.



PERFORATION RECORD

10/05/06	5817-5851'	2 JSPF	68 holes
10/10/06	5515-5538'	4 JSPF	92 holes
10/11/06	4980-4987'	4 JSPF	28 holes
10/11/06	4684-4698'	4 JSPF	56 holes

NEWFIELD

Federal 15-17-9-16

810' FSL & 1961' FEL

SW/SE Section 17-T9S-R16E

Duchesne Co, Utah

API #43-013-33037; Lease #UTU-52018

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 #15-17-9-16 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 #15-17-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3918' - 5954'). 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 3596' and the TD is at 6005'.

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

The referenced log for the Federal #15-17-9-16 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-52018) 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 322' KB, and 5-1/2", 15.5# casing run from surface to 6000' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
 - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
 - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2084 psig.

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

The minimum fracture gradient for the Federal #15-17-9-16, for existing perforations (4684' - 5851') calculates at 0.82 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 2084 psig. We may add additional perforations between 3596' and 6000'. See Attachments G and G-1.

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

In the Federal #15-17-9-16, the proposed injection zone (3918' - 5954') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

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

See Attachments E through E-11.

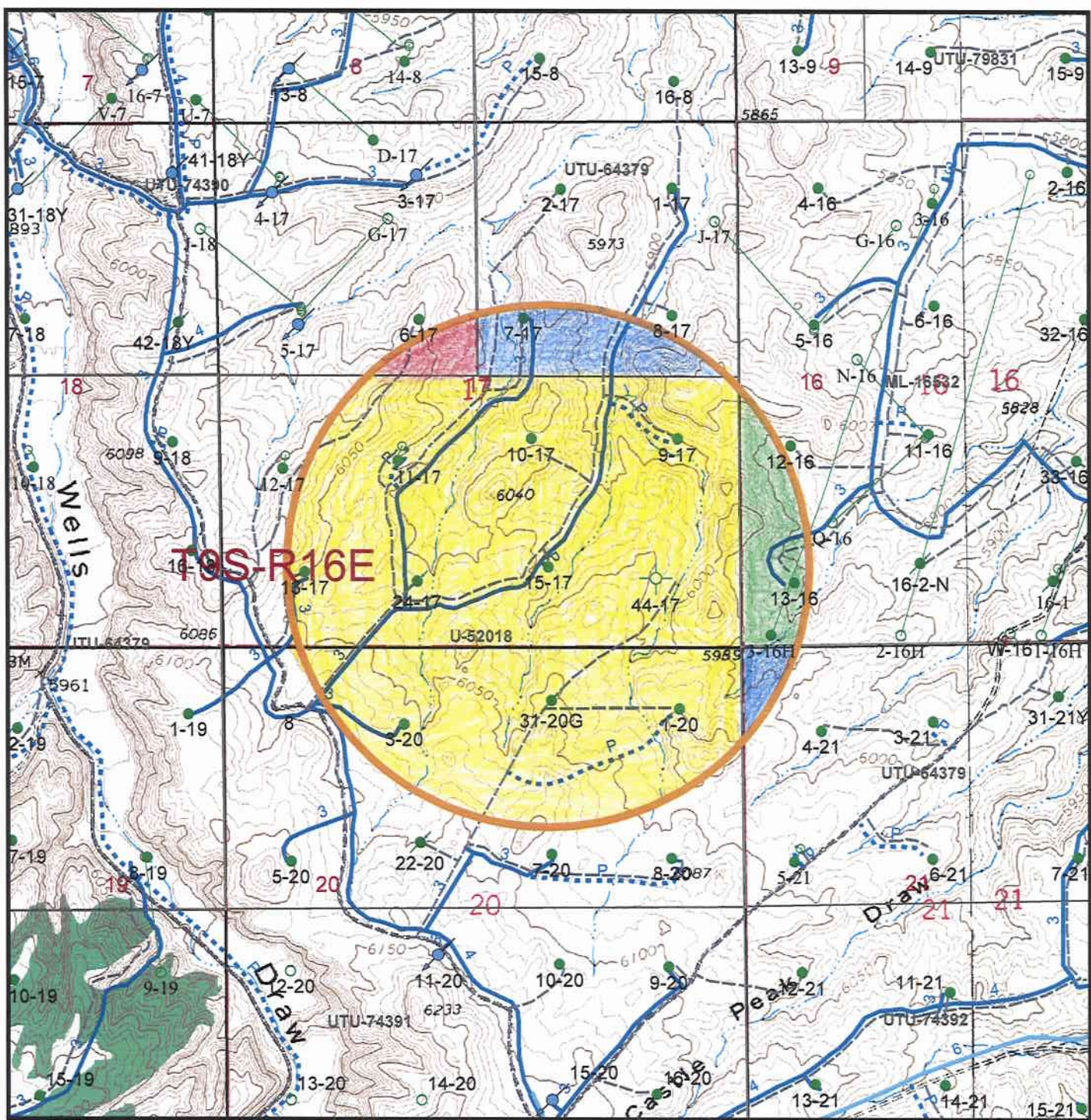
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

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

See Attachment C.

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

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



WellStatus_HalfMile_Buffer

Well Status

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

Injection system

- high pressure
- low pressure
- ⋯ proposed
- return
- ⋯ return proposed
- Leases
- Mining tracts

Handwritten notes:

- UTU-52018
- UTU-64379
- STOFUT
- ML-16532
- UTU-74390

Federal 15-17
Section 17, T 9S-R16E

NEWFIELD
ROCKY MOUNTAINS 1 in = 1,500 feet

1/2 Mile Radius Map
Duchesne & Uintah Counties

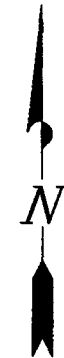
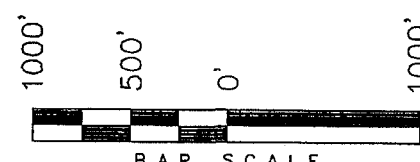
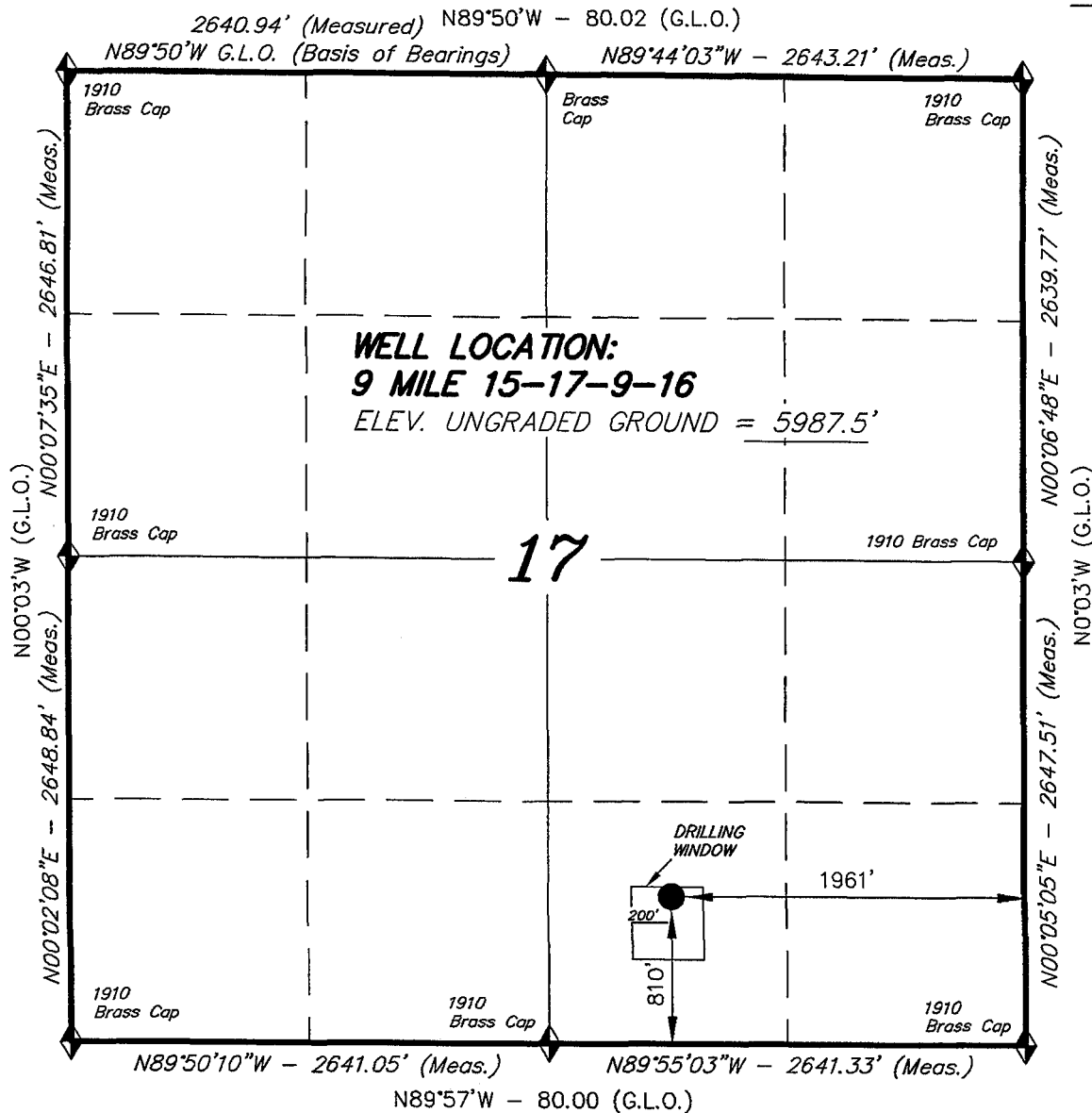
1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

May 2, 2012

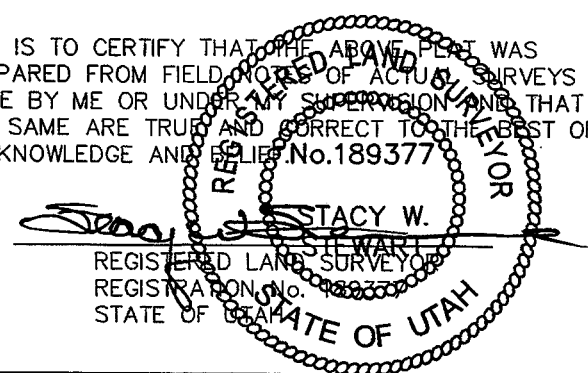
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 15-17-9-16,
 LOCATED AS SHOWN IN THE SW 1/4 SE
 1/4 OF SECTION 17, 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 15-17-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 01' 33.09"
 LONGITUDE = 110° 08' 26.80"

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 12-12-05	SURVEYED BY: C.M.
DATE DRAWN: 12-28-05	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

EXHIBIT B


#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 17: S2 Section 20: N2	USA UTU-52018 HBP	Newfield Production Company Newfield RMI LLC	USA
2	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, LOTS 3, 4 Section 19: NE, E2NW, LOTS 1, 2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corp	USA
3	T9S-616E SLM Section 16: All	State of Utah ML 16532 HBP	Newfield RMI LLC QEP Energy Company El Paso E&P Company LP American Petroleum Corp Brave River Production Trans Republic Resources Inc	State of Utah
4	T9S-R16E SLM Section 6: All Section 7: All Section 8: W2 Section 17: NW Section 18: NE, E2NW, LOTS 1, 2	USA UTU-74390 HBP	Newfield Production Company Newfield RMI LLC ABO Petro Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #15-17-9-16

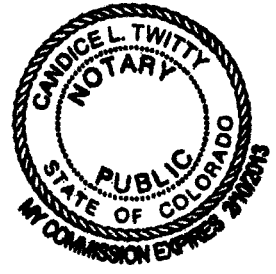
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: 
Newfield Production Company
Eric Sundberg
Regulatory Lead

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

Notary Public in and for the State of Colorado: 

My Commission Expires: 02/10/2013



Federal 15-17-9-16

Spud Date: 08/18/06
 Put on Production: 10/13/06
 K.B.: 6000, G.L5988

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
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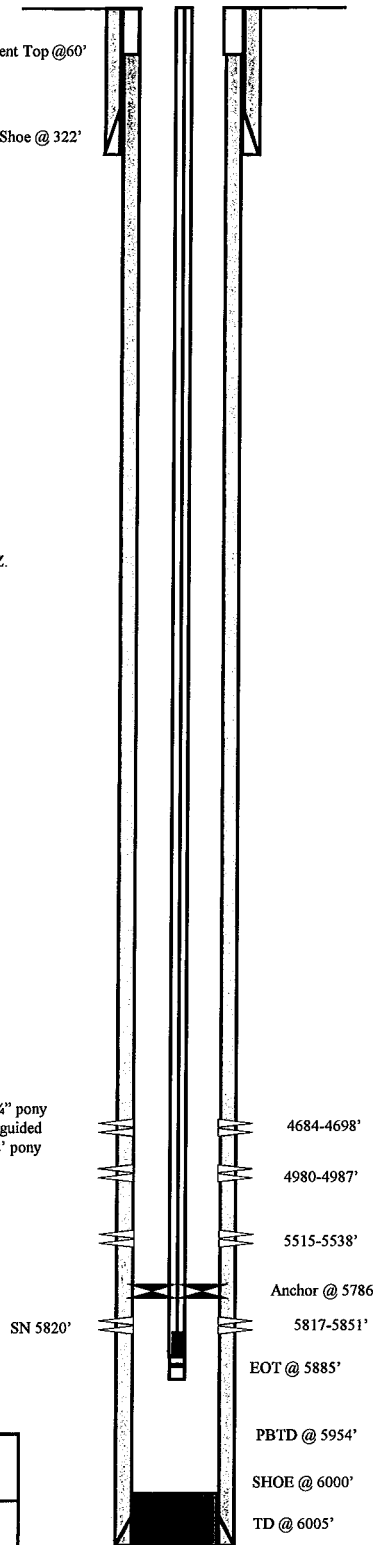
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 TUBING ANCHOR: 5785.5' KB
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 SN LANDED AT: 5820.1' KB
 NO. OF JOINTS: 2 jts (63.4')
 TOTAL STRING LENGTH: EOT @ 5885' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-2' x 3/4" pony rods, 1-4' x 3/4" pony rod, 1-6' x 3/4" pony rod, 1-8' x 3/4" pony rod, 98-3/4" = 2450' guided rods, 97-3/4" = 2425' guided rods, 30-3/4" = 750' guided rods, 6-1/2" = 150' weight bars, 1-3/4" = 2' pony rod.
 PUMP SIZE: 2-1/2" x 1-1/2" x 17"
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 4.5

FRAC JOB

10/10/06	5817-5851'	Frac CP5 sands as follows: 89648# 20/40 sand in 681 bbls Lightning 17 frac fluid. Treated @ avg press of 1910 psi w/avg rate 25.3 BPM. ISIP 2250 psi. Calc flush: 5849 gal. Actual flush: 5309 gal.
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NEWFIELD

Federal 15-17-9-16

810' FSL & 1961' FEL

SW/SE Section 17-T9S-R16E

Duchesne Co, Utah

API #43-013-33037; Lease #UTU-52018

FEDERAL 1-20-9-16

Spud Date: 05/16/07
 Put on Production: 07/25/07
 GL: 6038' KB: 6050'

Initial Production: BOPD,
 MCFD, BWPD

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: 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: 137 jts. (6015.83')
 DEPTH LANDED: 6029.08' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP: 60'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 179 jts (5506.29')
 TUBING ANCHOR: 5518.29' KB
 NO. OF JOINTS: 1 jts (30.52')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5551.61' KB
 NO. OF JOINTS: 2 jts (61.81')
 TOTAL STRING LENGTH: EOT @ 5614.97' KB

SUCKER RODS

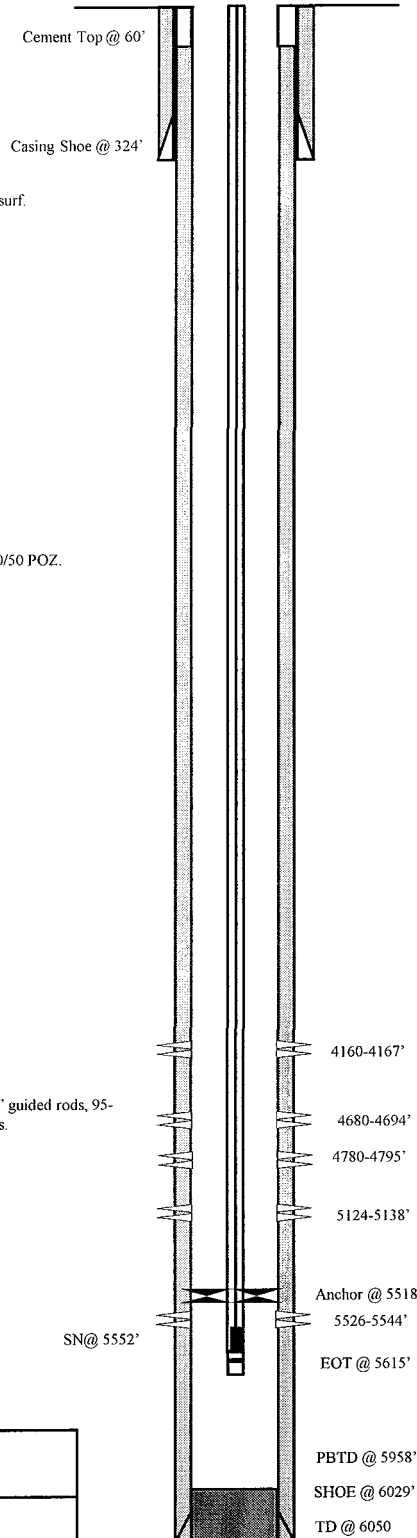
POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 1-2', 4', 6' & 8' x 3/4" pony rods, 100-3/4" guided rods, 95-3/4" slick rods, 20-3/4" guided rods, 6-1 1/2" x 25' weight rods.
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16" x 20" RHAC
 STROKE LENGTH: 120"
 PUMP SPEED, 5 SPM:


FRAC JOB

07/19/07	5526-5544'	Frac CP1 sands as follows: 40327# 20/40 sand in 416 bbls Lightning 17 frac fluid. Treated @ avg press of 2186 psi w/avg rate of 24.7 BPM. ISIP 2165 psi. Calc flush: 5524 gal. Actual flush: 5002 gal.
07/19/07	5124-5138'	Frac LODC sands as follows: 60273# 20/40 sand in 510 bbls Lightning 17 frac fluid. Treated @ avg press of 2674 psi w/avg rate of 24.8 BPM. ISIP 2760 psi. Calc flush: 5122 gal. Actual flush: 4582 gal.
07/19/07	4780-4795'	Frac C sands as follows: 60060# 20/40 sand in 510 bbls Lightning 17 frac fluid. Treated @ avg press of 1833 psi w/avg rate of 24.8 BPM. ISIP 1800 psi. Calc flush: 4778 gal. Actual flush: 4288 gal.
07/19/07	4680-4694'	Frac D2 sands as follows: 79938# 20/40 sand in 623 bbls Lightning 17 frac fluid. Treated @ avg press of 1860 psi w/avg rate of 24.8 BPM. ISIP 1960 psi. Calc flush: 4678 gal. Actual flush: 4120 gal.
07/20/07	4160-4167'	Frac GB6 sands as follows: 25213# 20/40 sand in 335 bbls Lightning 17 frac fluid. Treated @ avg press of 2145 psi w/avg rate of 24.3 BPM. ISIP 2025 psi. Calc flush: 5503 gal. Actual flush: 4914 gal.
1/26/09		Pump Change. Updated r & t details.

PERFORATION RECORD

07/10/07	5526-5544'	4 JSPF	72 holes
07/19/07	5124-5138'	4 JSPF	56holes
07/19/07	4780-4795'	4 JSPF	60 holes
07/19/07	4680-4694'	4 JSPF	56 holes
07/19/07	4160-4167'	4 JSPF	28 holes





FEDERAL 1-20-9-16

617'FNL & 652' FEL

NE/NE Section 20-T9S-R16E

Duchesne Co, Utah

API #43-013-33066; Lease # UTU-52018

Federal 3-20-9-16

Spud Date: 5-23-07
 Put on Production: 8-10-07
 GL: 6063' KB: 6075'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (304.72')
 DEPTH LANDED: 316.57' 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: 156 jts. (5962.76')
 DEPTH LANDED: 5976.01' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP AT: 408'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 174 jts (5472')
 TUBING ANCHOR: 5484' KB
 NO. OF JOINTS: 1 jts (31.4')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5518.2' KB
 NO. OF JOINTS: 2 jts (62.70')
 TOTAL STRING LENGTH: EOT @ 5582' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
 SUCKER RODS: 1-4', 1-6', 1-8' X 3/4" pony rods, 99- 3/4" guided rods, 94- 3/4" sucker rods, 21- 3/4" guided rods, 6-1 1/2" weight rods.
 PUMP SIZE: 2-1/2" x 1-3/4" x 17" x 20' RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM

FRAC JOB

08-07-07 5510-5520' **Frac CP1 sands as follows:**
 28247# 20/40 sand in 420 bbls Lightning 17 frac fluid. Treated @ avg press of 2334 psi w/avg rate of 24.8 BPM. ISIP 2280 psi. Calc flush: 5508 gal. Actual flush: 5040 gal.

08-07-07 5273-5281' **Frac LODC sands as follows:**
 14530# 20/40 sand in 286 bbls Lightning 17 frac fluid. Treated @ avg press of 2660 psi w/avg rate of 24.8 BPM. ISIP 2050 psi. Calc flush: 5271 gal. Actual flush: 4788 gal.

08-07-07 5119-5132' **Frac LODC sands as follows:**
 45312# 20/40 sand in 447 bbls Lightning 17 frac fluid. Treated @ avg press of 2162 psi w/avg rate of 26.2 BPM. ISIP 1900 psi. Calc flush: 5117 gal. Actual flush: 4578 gal.

08-07-07 4654-4661' **Frac D2 sand as follows:**
 25097# 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 1686 w/ avg rate of 24.8 BPM. ISIP 1760 psi. Calc flush: 4652 gal. Actual flush: 4200 gal.

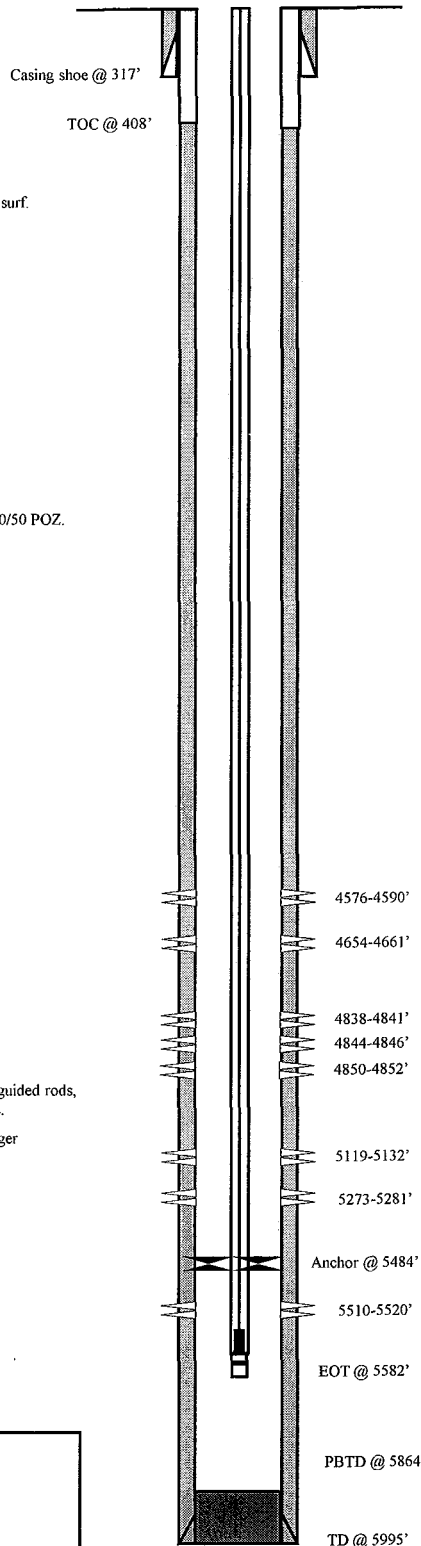
08-07-07 4576-4590' **Frac D1 sand as follows:**
 77698# 20/40 sand in 604 bbls Lightning 17 frac fluid. Treated @ avg press of 1939 w/ avg rate of 24.8 BPM. ISIP 2122 psi. Calc flush: 4574 gal. Actual flush: 4536 gal.

08/16/07 **Pump Change.** Rod & Tubing detail updated.
 12/30/08 **Pump Change.** Updated r & t details.
 8/20/09 **Pump Maintenance.** Updated rod & tubing detail.

11-09-10 4838-4852' **Frac B2 sands as follows:** 48449# 20/40 sand in 430 bbls Lightning 17 fluid.
 11-11-10 **Re-Completion** - updated details

PERFORATION RECORD

Date	Interval	Tool	Holes
08-01-07	5510-5520'	4 JSPF	40 holes
08-07-07	5273-5281'	4 JSPF	32 holes
08-07-07	5119-5132'	4 JSPF	52 holes
08-07-07	4654-4661'	4 JSPF	28 holes
08-07-07	4576-4590'	4 JSPF	56 holes
11-09-10	4850-4852'	3 JSPF	6 holes
11-09-10	4844-4846'	3 JSPF	6 holes
11-09-10	4838-4841'	3 JSPF	9 holes



Federal 3-20-9-16

785' FNL & 1826' FWL

NE/NW Section 20-T9S-R16E

Duchesne Co, Utah

API # 43-013-33067; Lease # UTU-52018

Federal 13-17-9-16

Spud Date: 8-3-06
 Put on Production: 9-14-06
 GL: 6049' KB: 6061'

Injection Wellbore
 Diagram

SURFACE CASING

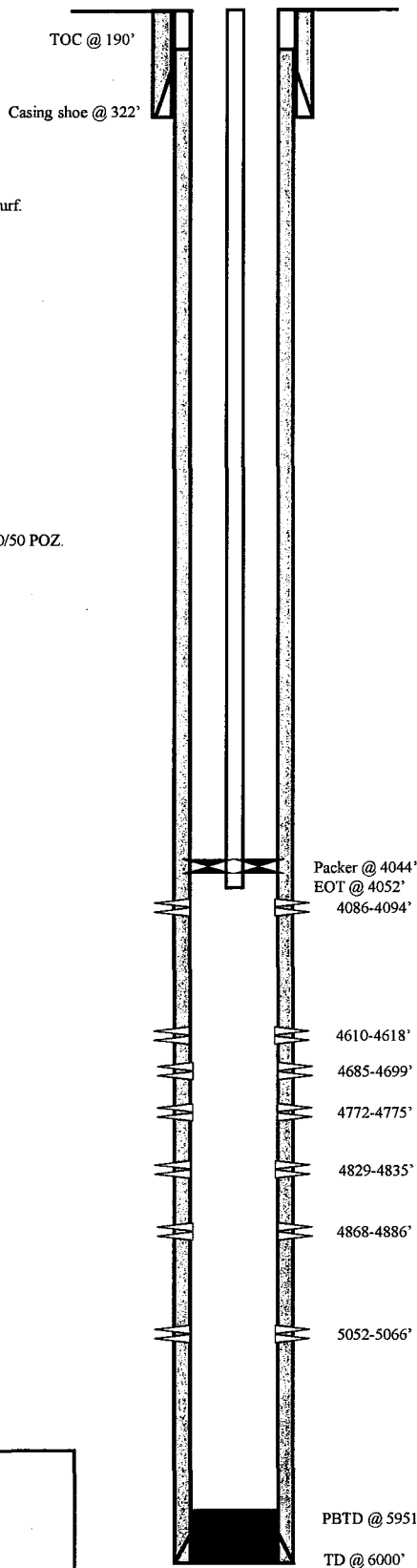
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (310.19')
 DEPTH LANDED: 322.04' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 136 jts (5969.67')
 DEPTH LANDED: 5982.92' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 190'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 TUBING PUP: 1 jt (6.0')
 NO. OF JOINTS: 127jts (5026')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4043.2' KB
 PACKER: 4044.3'
 TOTAL STRING LENGTH: EOT @ 4052' KB



FRAC JOB

09-08-06 5052-5066' **Frac A3 sands as follows:**
 53799# 20/40 sand in 457 bbls Lightning 17 frac fluid. Treated @ avg press of 1879 psi w/avg rate of 24.8 BPM. ISIP 2050 psi. Calc flush: 5050 gal. Actual flush: 4536 gal.

09-08-06 4829-4886' **Frac B2, & B1 sands as follows:**
 84971# 20/40 sand in 616 bbls Lightning 17 frac fluid. Treated @ avg press of 1856 psi w/avg rate of 24.9 BPM. ISIP 2250 psi. Calc flush: 4827 gal. Actual flush: 4326 gal.

09-08-06 4610-4699' **Frac D2, & D1 sands as follows:**
 70145# 20/40 sand in 528 bbls Lightning 17 frac fluid. Treated @ avg press of 1827 psi w/avg rate of 24.8 BPM. ISIP 1800 psi. Calc flush: 4608 gal. Actual flush: 4032 gal.

09-08-06 4086-4094' **Frac GB4 sands as follows:**
 29228# 20/40 sand in 327 bbls Lightning 17 frac fluid. Treated @ avg press of 1944 w/ avg rate of 24.9 BPM. ISIP 1640 psi. Calc flush: 4084 gal. Actual flush: 3990 gal.

1-10-08 **Pump Change.** Updated rod & tubing details.

04/04/11 **Tubing leak.** Rod & tubing updated.

05/08/12 4772-4775' **Frac C sands as follows:** 23718# 20/40 sand in 309 bbls Lightning 17 frac fluid.

05/11/12 **Convert to Injection Well**

05/15/12 **Conversion MIT Finalized** - update tbg detail

PERFORATION RECORD

Date	Interval	Tool	Holes
09-01-06	5052-5066'	4 JSPF	56 holes
09-08-06	4868-4886'	4 JSPF	72 holes
09-08-06	4829-4835'	4 JSPF	24 holes
09-08-06	4685-4699'	4 JSPF	56 holes
09-08-06	4610-4618'	4 JSPF	32 holes
09-08-06	4086-4094'	4 JSPF	32 holes
05/07/12	4772-4775'	3 JSPF	9 holes

NEWFIELD

Federal 13-17-9-16
 746' FSL & 842' FWL
 SW/SW Section 17-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33036; Lease # UTU-52018

Federal 11-17-9-16

Spud Date: 08/21/06
 Put on Production: 09/28/06
 K.B.: 6013, G.L.: 6001

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (310.79')
 DEPTH LANDED: 322.64' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

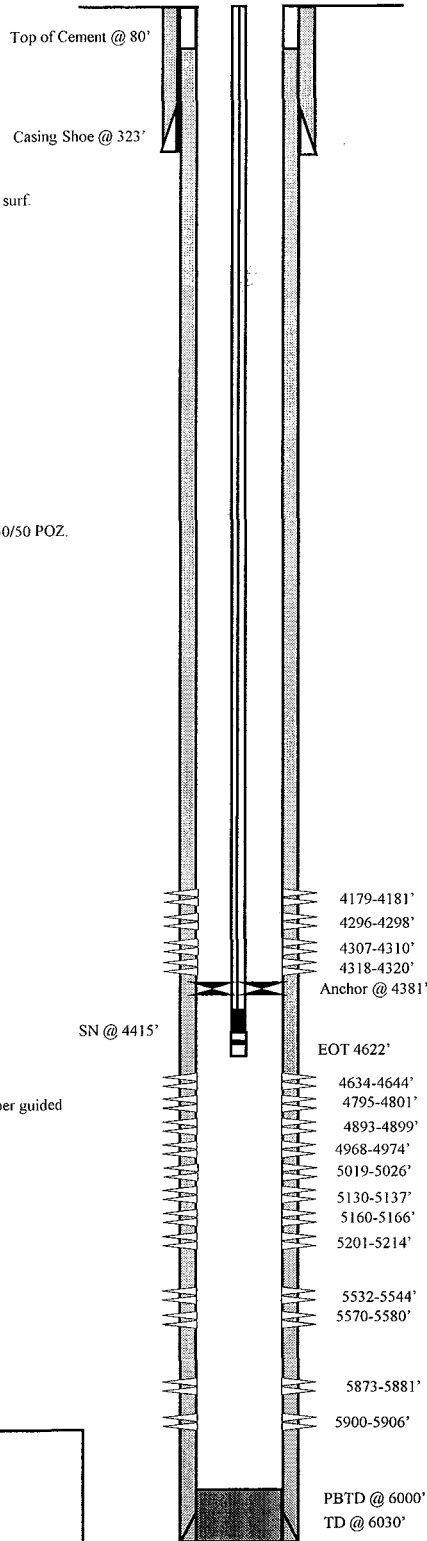
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 140 jts. (6008.45')
 DEPTH LANDED: 6021.70' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP: 80'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 138 jts (4369')
 TUBING ANCHOR: 4381'
 NO. OF JOINTS: 1 jts (31.3')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4415'
 NO. OF JOINTS: 1 jts (31.7')
 GAS ANCHOR: 4448'
 2 7/8" NIPPLE: 4463'
 NO. OF JOINTS: 5 jts (158.7')
 TOTAL STRING LENGTH: EOT @ 4622'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26'
 SUCKER RODS: 1-2', 1-8', x 3/4" pony rods, 75- 7/8" 4 per guided rods, 93-3/4" 4 per guided rods, 6-1 1/2" sinker rods.
 PUMP SIZE: 2 1/2" x 1 3/4" x 16' x 20' RTBC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5




FRAC JOB

09/19/06	5873-5906'	Frac CP5 sands as follows: 30146# 20/40 sand in 375 bbls Lightning 17 frac fluid. Treated @ avg press of 2325 psi w/avg rate of 25.3 BPM. ISIP 2450 psi. Calc flush: 5904 gal. Actual flush: 5376 gal.
09/19/06	5532-5580'	Frac CP1, CP.5 sands as follows: 55661# 20/40 sand in 468 bbls Lightning 17 frac fluid. Treated @ avg press of 1650 psi w/avg rate of 25.3 BPM. ISIP 1975 psi. Calc flush: 5578 gal. Actual flush: 5040 gal.
09/19/06	5130-5214'	Frac LODC sands as follows: 90266# 20/40 sand in 656 bbls Lightning 17 frac fluid. Treated @ avg press of 2135 psi w/avg rate of 25.2 BPM. ISIP 2375 psi. Calc flush: 5212 gal. Actual flush: 4662 gal.
09/20/06	4893-5026'	Frac A1, A.5, B2 sands as follows: 60197# 20/40 sand in 479 bbls Lightning 17 frac fluid. Treated @ avg press of 1950 psi w/avg rate of 25 BPM. ISIP 2200 psi. Calc flush: 5024 gal. Actual flush: 4410 gal.
09/20/06	4761-4801'	Frac B.5, C sands as follows: 50215# 20/40 sand in 423 bbls Lightning 17 frac fluid. Treated @ avg press of 2225 psi w/avg rate of 28.2 BPM. ISIP 2475 psi. Calc flush: 4799 gal. Actual flush: 4284 gal.
09/20/06	4634-4644'	Frac D1 sands as follows: 28453# 20/40 sand in 385 bbls Lightning 17 frac fluid. Treated @ avg press of 2311 psi w/avg rate of 14.4 BPM. ISIP 2900 psi. Calc flush: 4642 gal. Actual flush: 4436 gal.
7/25/07		Pump change. Updated rod & tubing details.
10/09/08		Pump Change. Rod & tubing updated.
10/8/09		Tubing Leak. Updated rod & tubing details.
12/6/10	4179-4320'	Frac PB8 & GB6 sands as follows: 68964# 20/40 sand in 426 bbls Lightning 17 fluid.
12/11/10		Re-Completion finalized – update rod & tbq detail.
1/12/2011		Tubing Leak. Update rod and tubing details
03/04/11		Stuck Pump. Rod & tubing details updated.

PERFORATION RECORD

09/13/06	5900-5906'	4 JSPF	24 holes
09/13/06	5873-5881'	4 JSPF	32 holes
09/19/06	5570-5580'	4 JSPF	40 holes
09/19/06	5532-5544'	4 JSPF	48 holes
09/19/06	5201-5214'	4 JSPF	52 holes
09/19/06	5160-5166'	4 JSPF	24 holes
09/19/06	5130-5137'	4 JSPF	28 holes
09/19/06	5019-5026'	4 JSPF	28 holes
09/19/06	4968-4974'	4 JSPF	24 holes
09/19/06	4893-4899'	4 JSPF	24 holes
09/20/06	4795-4801'	4 JSPF	24 holes
09/20/06	4761-4768'	4 JSPF	28 holes
09/20/06	4634-4644'	4 JSPF	40 holes
12/6/10	4318-4320'	3 JSPF	6 holes
12/6/10	4307-4310'	3 JSPF	9 holes
12/6/10	4296-4298'	3 JSPF	6 holes
12/6/10	4179-4181'	3 JSPF	6 holes



Federal 11-17-9-16
 2022' FSL & 1854' FWL
 NE/SW Section 17-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33034; Lease #UTU-52018

Federal 9-17-9-16

Spud Date: 9-11-06
 Put on Production: 11-01-06
 GL: 5953' KB: 5965'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (310.22')
 DEPTH LANDED: 322.07' 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: 139 jts. (6032.96')
 DEPTH LANDED: 6044.21' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 30'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 175 jts (5485.5')
 TUBING ANCHOR: 5485.5' KB
 NO. OF JOINTS: 2 jts (63.0')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5551.2' KB
 NO. OF JOINTS: 2 jts (63.1')
 TOTAL STRING LENGTH: EOT @ 5616' KB

SUCKER RODS

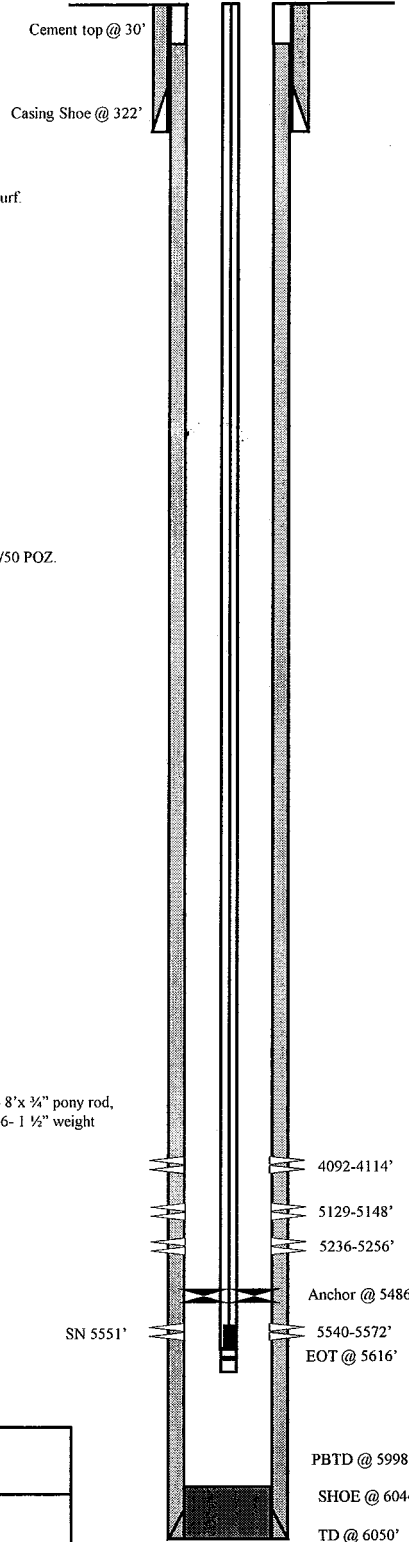
POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1- 2' x 3/4" pony rod, 1- 6' x 3/4" pony rod, 1- 8' x 3/4" pony rod,
 99- 3/4" guided rods, 86- 3/4" guided rods, 30- 3/4" guided rods, 6- 1 1/2" weight
 bars
 PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC pump
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM

FRAC JOB

10-27-06	5540-5572'	Frac CPI sands as follows: 89695# 20/40 sand in 672 bbls Lightning 17 frac fluid. Treated @ avg press of 1635 psi w/avg rate of 24.9 BPM. ISIP 2000 psi. Calc flush: 5040 gal. Actual flush: 5538 gal.
10-27-06	5236-5256'	Frac LODC sands as follows: 80345# 20/40 sand in 604 bbls Lightning 17 frac fluid. Treated @ avg press of 2685 psi w/avg rate of 27.3 BPM. ISIP 2560 psi. Calc flush: 4746 gal. Actual flush: 5234 gal.
10-27-06	5129-5148'	Frac A 3 sands as follows: 80324# 20/40 sand in 597 bbls Lightning 17 frac fluid. Treated @ avg press of 2175 psi w/avg rate of 24.7 BPM. ISIP 2240 psi. Calc flush: 4923 gal. Actual flush: 4410 gal.
10-27-06	4092-4114'	Frac GB4 sands as follows: 38251# 20/40 sand in 358 bbls Lightning 17 frac fluid. Treated @ avg press of 1410 w/ avg rate of 14.3 BPM. ISIP 1490 psi. Calc flush: 4485 gal. Actual flush: 4410 gal.
2/23/07		Pump Change. Rod & Tubing detail updated.
05/27/08		updated rod and tubing detail
11/23/09		Pump change. Updated rod and tubing detail.

PERFORATION RECORD

10-17-06	5540-5572'	4 JSPP	128 holes
10-27-06	5236-5256'	4 JSPP	80 holes
10-27-06	5129-5148'	4 JSPP	76 holes
10-27-06	4092-4114'	4 JSPP	88 holes



NEWFIELD

Federal 9-17-9-16

2108' FSL & 636' FEL

NE/SE Section 17-T9S-R16E

Duchesne Co, Utah

API # 43-013-33032; Lease # UTU-52018

FEDERAL 10-17-9-16

Spud Date: 09/01/2006
 Put on Production: 10/20/2006
 GL: 5995' KB: 6007'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (311.60')
 DEPTH LANDED: 323.45' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 138 jts. (6025.03')
 DEPTH LANDED: 6038.28' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

TUBING

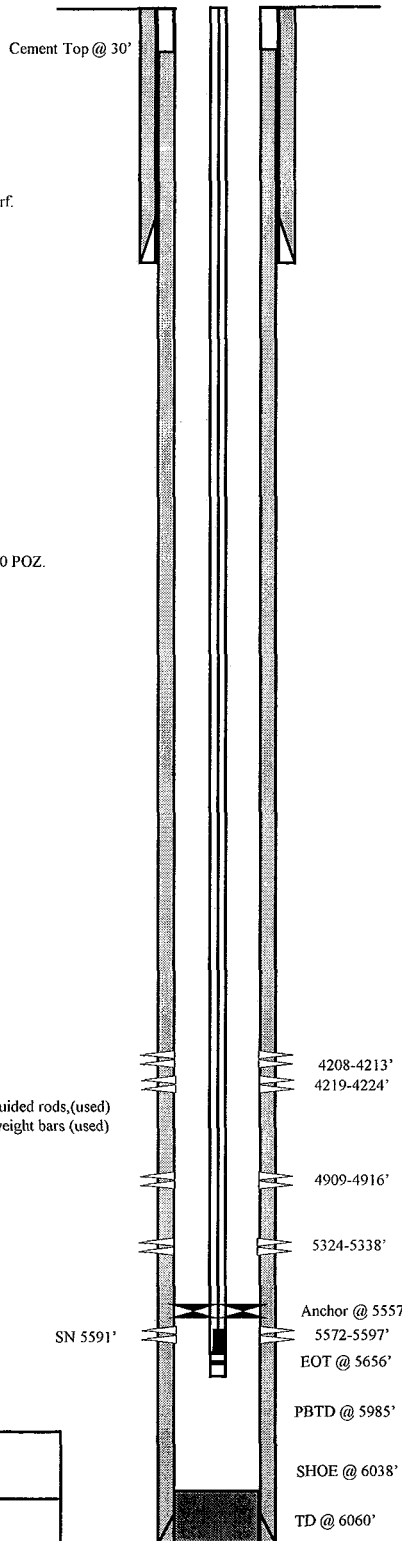
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 176 jts (5544.87')
 TUBING ANCHOR: 5556.87' KB
 NO. OF JOINTS: 1 jts (31.56')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5591.23' KB
 NO. OF JOINTS: 2 jts (63.04')
 TOTAL STRING LENGTH: EOT @ 5655.82' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-4, & 1-8' x 3/4" pony rod, (used) 100-3/4" guided rods, (used) 106-3/4" plain rods, (used) 10-3/4" guided rods, (used) 6-1 1/2" weight bars (used)
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12", x 15.5" RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, 5 SPM:


FRAC JOB

10/16/06	5572-5597'	Frac CP1 sands as follows: 90,054# 20/40 sand in 666 bbls Lightning 17 frac fluid. Treated @ avg press of 1764 psi w/avg rate of 25 BPM. ISIP 2180 psi. Calc flush: 5570 gal. Actual flush: 5040 gal.
10/16/06	5324-5338'	Frac LODC sands as follows: 74829# 20/40 sand in 575 bbls Lightning 17 frac fluid. Treated @ avg press of 1910 psi w/avg rate of 25 BPM. ISIP 2250 psi. Calc flush: 5322 gal. Actual flush: 4788 gal.
10/16/06	4909-4916'	Frac B1 sands as follows: 24,379# 20/40 sand in 304 bbls Lightning 17 frac fluid. Treated @ avg press of 1930 psi w/avg rate of 24.6 BPM. ISIP 1930 psi. Calc flush: 4907 gal. Actual flush: 4368 gal.
10/16/06	4208-4224'	Frac GB6 sands as follows: 25,861# 20/40 sand in 298 bbls Lightning 17 frac fluid. Treated @ avg press of 1725 psi w/avg rate of 24.9 BPM. ISIP 1775 psi. Calc flush: 4206 gal. Actual flush: 4116 gal.



PERFORATION RECORD

Date	Interval	Completion	Holes
10/16/06	5572-5597'	4 JSPF	100 holes
10/16/06	5324-5338'	4 JSPF	56 holes
10/16/06	4909-4916'	4 JSPF	28 holes
10/16/06	4219-4224'	4 JSPF	20 holes
10/16/06	4208-4213'	4 JSPF	20 holes



FEDERAL 10-17-9-16
 2102'FSL & 2117' FEL
 NW/SE Section 17-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33033; Lease #UTU-52018

Federal 7-17-9-16

Spud Date: 8-26-06
 Put on Production: 10-5-06
 GL: 5941' KB: 5953'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (310.66')
 DEPTH LANDED: 322.51' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

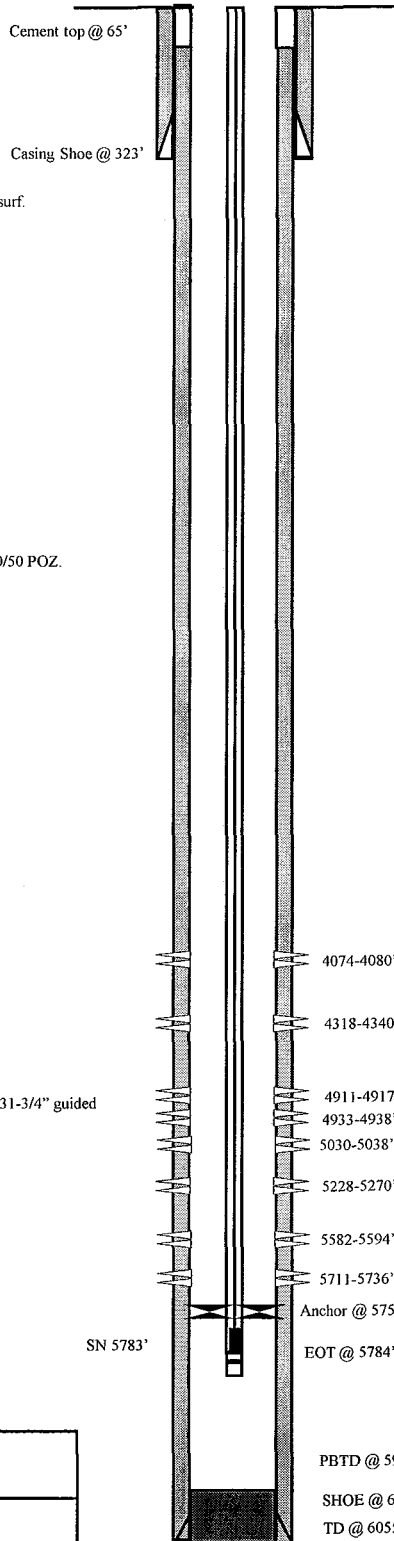
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts. (6031.04')
 DEPTH LANDED: 6044.29' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 525 sxs 50/50 POZ.
 CEMENT TOP AT: 65'

TUBING

SIZE/GRADE/WT.: 2-7/8" J-55
 NO. OF JOINTS: 180 jts (5703.5')
 NO. OF JOINTS: 1 jt (32.6)
 TUBING ANCHOR: 5750.9'
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5783.5' KB
 NO. OF JOINTS: 1 jts (31.5')
 TOTAL STRING LENGTH: EOT @ 5784'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'
 SUCKER RODS: 1-4", x 3/4" pony rods, 192-3/4" guided rods, 31-3/4" guided rods, 6-1 1/2" wt bars
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' x 20'
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 4 SPM



FRAC JOB

09-28-06	5711-5736'	Frac CP3 sands as follows: 60051# 20/40 sand in 542 bbls Lightning 17 frac fluid. Treated @ avg press of 1785 psi w/avg rate of 24.6 BPM. ISIP 2010 psi. Calc flush: 5709 gal. Actual flush: 5208 gal.
09-28-06	5582-5594'	Frac CP1 sands as follows: 34140# 20/40 sand in 432 bbls Lightning 17 frac fluid. Treated @ avg press of 1965 psi w/avg rate of 25 BPM. ISIP 2520 psi. Calc flush: 5580 gal. Actual flush: 5053 gal.
09-28-06	5228-5270'	Frac LODC sands as follows: 119568# 20/40 sand in 828 bbls Lightning 17 frac fluid. Treated @ avg press of 2275 psi w/avg rate of 25.3 BPM. ISIP 2420 psi. Calc flush: 5226 gal. Actual flush: 4713 gal.
09-28-06	5030-5038'	Frac A1 sands as follows: 28464# 20/40 sand in 351 bbls Lightning 17 frac fluid. Treated @ avg press of 2205 w/ avg rate of 25 BPM. ISIP 2340 psi. Calc flush: 5028 gal. Actual flush: 4536 gal.
09-29-06	4911-4938'	Frac B2, & B1 sands as follows: 29823# 20/40 sand in 349 bbls Lightning 17 frac fluid. Treated @ avg press of 1850 w/ avg rate of 25.2 BPM. ISIP 1815 psi. Calc flush: 4909 gal. Actual flush: 4326 gal.
09-29-06	4318-4340'	Frac PB7 sands as follows: 73425# 20/40 sand in 552 bbls Lightning 17 frac fluid. Treated @ avg press of 2830 w/ avg rate of 24.9 BPM. ISIP 3290 psi. Calc flush: 4316 gal. Actual flush: 3822 gal.
09-29-06	4074-4080'	Frac GB2 sands as follows: 20053# 20/40 sand in 289 bbls Lightning 17 frac fluid. Treated @ avg press of 1945 w/ avg rate of 25 BPM. ISIP 1770 psi. Calc flush: 4072 gal. Actual flush: 3990 gal.
03-17-08		Major Workover
03-14-08	5030'-5038'	Acidize and Squeeze A1 sands as follows: pump 7 bbls techni-hib 767, 4 drms acid ave pump press @ 1816psi @ 2.2 BPM. ISIP @ 2100psi.
03-14-08	5228'-5270'	Acidize LODC sand as follows: 20 bbls techni-hib 767, 8 drms acid ave pump press 2128psi @ 4.3 BPM. ISIP @ 2000psi
03-14-08	5582'-5594'	Acidize CP1 sands as follows: 20 bbls techni-hib, 5 drms acid. Ave pump press @ 2585psi @ 2.7 BPM. ISIP @ 2058psi
03-14-08	5711'-5736'	Acidize CP3 sands as follows: 20 bbls techni-hib , 8 drms acid. Ave pump press @ 2307psi @ 3.9 BPM. ISIP @ 1655psi
02-15-07		Pump Change: Update rod and tubing details.
04-13-07		Tubing Leak: Updated rod and tubing detail.
7-18-07		Tubing Leak: Updated rod & tubing detail.
1/12/09		Tubing Leak. Updated rod & tubing details.
8/26/09		Tubing Leak. Updated rod & tubing details.
9/22/2010		Major Workover. Update rod and tubing details
1/27/2011		Tubing Leak. Update rod and tubing details.

PERFORATION RECORD

09-20-06	5711-5736'	4 JSPF	100 holes
09-28-06	5582-5594'	4 JSPF	48 holes
09-28-06	5228-5270'	4 JSPF	84 holes
09-28-06	5030-5038'	4 JSPF	32 holes
09-28-06	4933-4938'	4 JSPF	20 holes
09-28-06	4911-4917'	4 JSPF	24 holes
09-29-06	4318-4340'	4 JSPF	88 holes
09-29-06	4074-4080'	4 JSPF	24 holes

NEWFIELD

Federal 7-17-9-16

1974' FNL & 2179' FEL

SW/NE Section 17-T9S-R16E

Duchesne Co, Utah

API # 43-013-33030; Lease # UTU-64379

NGC Fed. 31-20G-9-16

Spud Date: 1/04/85
 Put on Production: 4/08/85
 GL: 6051' KB: 6030'

Initial Production: 88 BOPD,
 62 MCFPD, 21 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 24#
 LENGTH: 7 jts. (319.75')
 DEPTH LANDED: 319'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 250 sxs Class "H"

PRODUCTION CASING

CSG SIZE: 5-1/2" / J-55 LT&C / 15.5#
 LENGTH: 74 jts.
 CSG SIZE: 5-1/2" / K-55 / 15.5#
 LENGTH: 74 jts.
 DEPTH LANDED: 6118'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 240 sxs Lite, tail w/ 570 sxs Class "H"
 CEMENT TOP AT: 2450' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / N-80 / 6.5#
 NO. OF JOINTS: 172 jts. (5457.93')
 TUBING ANCHOR: 5469.93' KB
 NO. OF JOINTS: 2 jts. (62.00')
 SN LANDED AT: 1.10' x 2 7/8" (5533.03') KB
 NO. OF JOINTS: 1 jt. (31.90')
 TOTAL STRING LENGTH: 5564.93' KB

SUCKER RODS

POLISHED ROD: 1-1/4" X 22'
 SUCKER RODS: 4 - 1-1/2" weight rods, 154 - 3/4" slick rods, 61 - 7/8" guided rods, 1-4', 1-6', 1-10' x 7/8" pony rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC
 STROKE LENGTH:
 PUMP SPEED:
 LOGS: DIL, LDT-CNL, EPT, LSS, GR, SP, ABCL, CBL

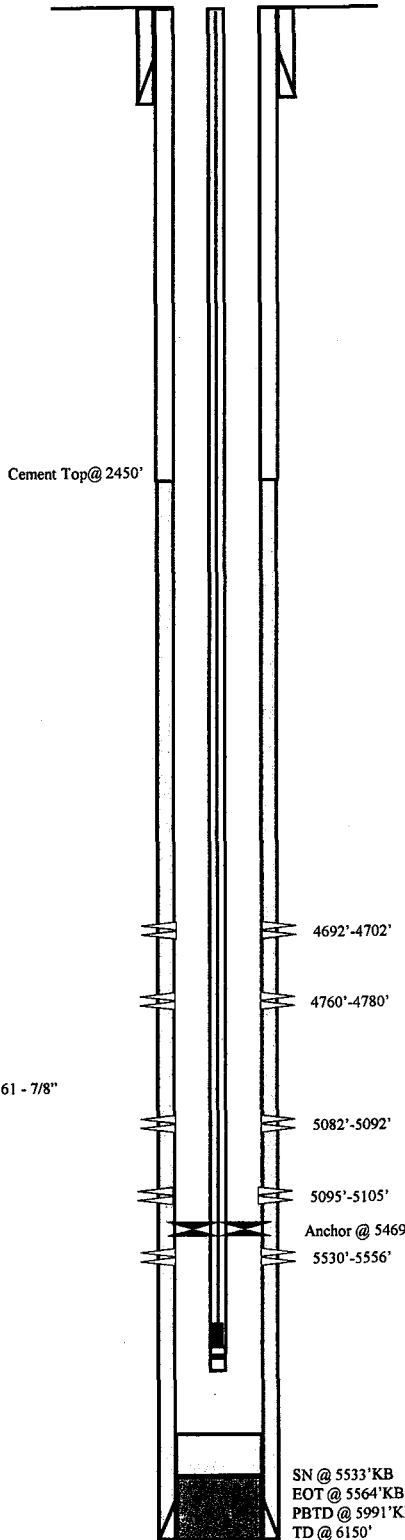
FRAC JOB

3/10/85 5530'-5556' **Frac zone as follows:**
 120,000# 20/40 sand + 30,000# 12/20 sand in 1263 bbl gel. Average treating pressure 2800 psi at 20 BPM. ISIP 2500 psi. Calc. flush: 5530 gal. Actual flush: 3654 gal. 3/10/85

3/17/85 4760'-4780' **Frac zone as follows:**
 45,000# 20/40 sand + 12,135# 12/20 sand in 1112 bbl gel. Average treating pressure 3100 psi at 20 BPM. ISIP 1800 psi. Calc. flush: 4760 gal. Actual flush: 1260 gal.

3/26/85 4692'-4702' **Frac zone as follows:**
 32,000# 20/40 sand + 14,000# 12/20 sand in 581 bbl gel. Average treating pressure 3200 psi at 25 BPM. ISIP 2000 psi. Calc. flush: 4692 gal. Actual flush: 3444 gal.

1/31/98 5082'-5105' **Frac zone as follows:**
 120,000# 20/40 sand in 489 bbl gel. Average treating pressure 6600 psi at 24.8 BPM. ISIP 4693 psi. Calc. flush: 1317 gal. Actual flush: 1737 gal.



PERFORATION RECORD

Date	Depth Range	SPF	Holes
3/02/85	5530'-5556'	4 SPF	104 holes
3/13/85	4764'-4780'	4 SPF	64 holes
3/15/85	4760'-4780'	4 SPF	80 holes
3/23/85	4692'-4702'	4 SPF	40 holes
1/30/98	5082'-5092'	4 SPF	40 holes
1/30/98	5095'-5105'	4 SPF	40 holes

SN @ 5533' KB
 EOT @ 5564' KB
 PBTD @ 5991' KB
 TD @ 6150'



NGC Fed. #31-20G-9-16
 540' FNL & 1944' FEL
 NWNE Section 20-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31071; Lease #U-52018

Monument Fed. #24-17-9-16

Spud Date: 7/18/1996
 Put on Production: 8/30/1996
 GL: 6008' KB: 6018'

Initial Production: 20 BOPD,
 NM MCFD, 5 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 268.95'
 DEPTH LANDED: 279.95'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

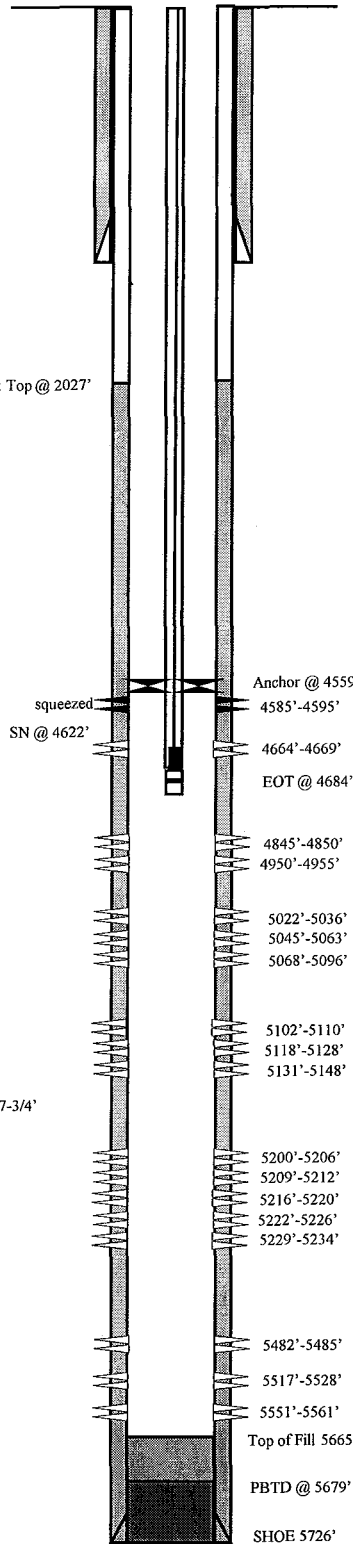
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5716.51'
 DEPTH LANDED: 5726.51'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 150 sxs Super "G" & 310 sxs 50/50 POZ.
 CEMENT TOP AT: 2027' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
 NO. OF JOINTS: 145 jts. 4549.45'
 TUBING ANCHOR: 4559.45'
 NO. OF JOINTS: 2 jt. (60.20')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4622.45' KB
 NO. OF JOINTS: 1 jt. (60.19')
 TOTAL STRING LENGTH: EOT @ 4684.19'

SUCKER RODS

POLISHED ROD: 1-1/4" x 22' SM
 SUCKER RODS: 1 1/4" x 22' polished rods, 1-2', 2-6' x 3/4' pony rods, 177-3/4' guided rods, 6-1 1/2' wt bars
 PUMP SIZE: 2 1/2" x 1 1/2" x 15' RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 4 SPM



FRAC JOB

8/13/96	5200'-5234'	Frac LODC as follows: 29,908# 20/40 sand + 67,270# 16/30 sand in 703 bbls frac fluid. Treated @ avg press of 2300 psi w/avg rate of 19.4 BPM. ISIP 2650 psi. Calc. flush: 5200 gal. Actual flush: 5166 gal.
8/16/96	4845'-4955'	Frac A & B sands as follows: 44,700# 16/30 sand in 396 bbls frac fluid. Treated @ avg press of 2650 psi w/avg rate of 30.4 BPM. ISIP 2150 psi. Calc. flush: 4845 gal. Actual flush: 4788 gal.
8/16/96	4664'-4669'	Frac D-2 as follows: 21,800# 16/30 sand in 264 bbls frac fluid. Treated @ avg press of 2350 psi w/avg rate of 25.8 BPM. ISIP 1950 psi. Calc. flush: 4664 gal. Actual flush: 4620 gal.
6/06/98	5482'-5562'	Frac CP as follows: 102,300# 20/40 sand 334 bbls Viking I-25 frac fluid. Treated @ avg press of 6825 psi w/avg rate of 28.4 BPM. ISIP 2000 psi. Calc. Flush: 5482 gal. Actual flush: 1344 gal.
6/09/98	5032'-5140'	Frac LODC as follows: 95,500# 20/40 sand 324 bbls Viking I-25 frac fluid. Treated @ avg press of 5520 psi w/avg rate of 27.5 BPM. ISIP 1540 psi. Calc. Flush: 5032 gal. Actual flush: 1218 gal.
6/11/98	4585'-4595'	Frac D-1 as follows: 117,110# 20/40 sand in 594 bbls Viking I-25 frac fluid. Treated @ avg press of 2415 psi w/avg rate of 30 BPM. ISIP 2150 psi. Calc. Flush: 4585 gal. Actual flush: 4494 gal.
7/15/98		Squeeze 5032'-5140' w/ 90 sxs Class "G".
01/08/03	5022'-5148'	Frac UPLDCC sands follows: 247,818 # 20/40 sand in 1544 bbls Viking I-25 fluid. Treated @ avg press of 3810 psi w/avg rate of 19.7 BPM. ISIP 2250 psi. Calc. Flush: 1291 gal. Actual flush: 1176 gal.
6/04/04		Pump Change.
10/25/04		Tubing Leak. Update rod and tubing details.
12/30/04		Tubing Leak. Update rod details.
1/24/05		Pump change. Update rod and tubing details.
08/16/05		Tubing Leak. Update rod and tubing details.
03/09/06		Parted Rods. Update rod and tubing details.

PERFORATION RECORD

8/12/96	5200'-5206'	4 SPF	24 holes
8/12/96	5209'-5212'	4 SPF	12 holes
8/12/96	5216'-5220'	4 SPF	16 holes
8/12/96	5222'-5226'	4 SPF	16 holes
8/12/96	5229'-5234'	4 SPF	20 holes
8/15/96	4845'-4850'		08 holes
8/15/96	4950'-4955'		06 holes
8/16/96	4664'-4669'	4 SPF	20 holes
6/05/98	5482'-5485'	4 SPF	12 holes
6/05/98	5517'-5528'	4 SPF	44 holes
6/05/98	5551'-5561'	4 SPF	40 holes
6/08/98	5032'-5035'	2 SPF	06 holes
6/08/98	5047'-5062'	2 SPF	30 holes
6/08/98	5069'-5076'	2 SPF	14 holes
6/08/98	5083'-5095'	2 SPF	24 holes
6/08/98	5121'-5126'	2 SPF	10 holes
6/08/98	5131'-5140'	2 SPF	18 holes
6/10/98	4585'-4595'	4 SPF	40 holes (sqzd)
1/06/03	5022'-5036'	4 SPF	128 holes (reperf)
1/06/03	5045'-5063'	4SPF	128 holes (reperf)
1/06/03	5068'-5096'	4 SPF	112 holes (reperf)
1/06/03	5102'-5110'	4 SPF	32 holes
1/06/03	5118'-5128'	4 SPF	108 holes (reperf)
1/06/03	5131'-5148'	4 SPF	108 holes (reperf)



Monument Fed. #24-17-9-16
 660' FSL & 1980' FWL
 SESW Section 17-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31682; Lease #U-52018

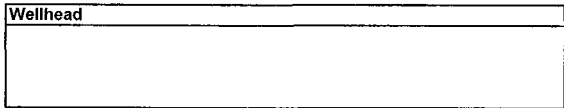
ATTACHMENT E-10

GMB 3-16-9-16H

Wellbore Diagram



Surface Location: NE/NW, Sec 16, T9S R16E
 County/State: Greater Monument Butte, Duchesne County, Utah
 Elevation: 5847' GL + 12' KB API: 43-013-50441



Casing Detail	Size	Wt.	Grade	Conn.	Top	Bottom	Burst	Collapse	ID	Drift	bb/ft	Hole	TOC
8-5/8" Casing Shoe	8-5/8"	24#	J-55	LTC	0	1,025							Surface
Production	5-1/2"	17#	M-80	LTC	0	5,993	7,740	7,020	4.892	4.767	0.0233	7-7/8"	Surface
Production	4-1/2"	11.6#	P-110	LTC	5,993	10,249	7,774	8,510	4.000	3.875	0.0155	6-1/8"	Surface

burst & collapse values are book, no additional safety factors have been applied

Tubing Detail	Size	Wt.	Grade	Conn.	Length	Top	Bottom	Joints
TBG DETAIL: sand drain valve, 3 jts 2 7/8" tbg., Cavins De-sander, 2 7/8" sub, 1 jt 2 7/8" tbg., SN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 187 jts 2 7/8" tbg and tbg hanger. TA @ 5,870'. SN @ 5,903'. EOT @ 6,052' NOTE on Tubing Anchor: TA (shortened inner springs & beveled outer springs--4.625" OD)								

WELLBORE FLUIDS
 Lateral section fluid= +8.4 ppg "clean" brine

Rod Detail	Size	Grade	Count	Length	Top	Bottom
Pump and Rod Detail: Weatherford MacGyver 1 3/4" x 28' rod pump, stabilizer sub, on/off tool, stabilizer sub, SE 4 Co-rod, 1- 8', 6', 4', 2' x 7/8" pony rods, 1 1/2" x 26' polished rod NOTE on Pump: with CoRod, must have Clutch (on/off tool) installed.						

Proposed Frac Data	Packer Plus 12 Stage StackFrac HD Stimulation Liner		Prop type/ size	Prop Vol (lbs)	Total Clean Vol (bbbls)
	Top	Bottom			
Toe Section	10,249	10,249	Packer Plus 4-1/2" Toe Circulating Sub w/1.000" Seat for 1.250" SF2 High Pressure Ball (Actuated at 1,098 psi). And Open Hole TD		
Stage 1	10,087	10,249	Dual Hydraulic Depth: 10,180; Ball OD (in.): NA; Seat ID (in.): NA; Vol. to Seat (bbl): 204.33; Actual Vol. (bbl): NA; Difference (bbl): ; Ball Action (AP):	100 mesh sand: 0; 30/50 mesh sand: 0	1,903
Off Anchor/Packer	10,080	10,087	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Mechanical Packer 1	10,002	10,007	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)	100 mesh sand	34,144
Stage 2	9,682	10,002	FracPort 2: Depth: 9,841; Ball OD (in.): 2,125; Seat ID (in.): 2,000; Vol. to Seat (bbl): 199.39; Actual Vol. (bbl): 0.00; Difference (bbl): ; Ball Action (AP):	100 mesh sand: 36,389; 30/50 mesh sand: 30,760	2,775
Mechanical Packer 2	9,677	9,682	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Stage 3	9,914	9,677	FracPort 3: Depth: 9,517; Ball OD (in.): 2,250; Seat ID (in.): 2,125; Vol. to Seat (bbl): 194.37; Actual Vol. (bbl): 0.00; Difference (bbl): ; Ball Action (AP):	100 mesh sand: 18,835; 30/50 mesh sand: 0	2,716
Mechanical Packer 3	9,354	9,359	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Stage 4	9,035	9,354	FracPort 4: Depth: 9,193; Ball OD (in.): 2,375; Seat ID (in.): 2,250; Vol. to Seat (bbl): 189.36; Actual Vol. (bbl): 0.00; Difference (bbl): ; Ball Action (AP):	100 mesh sand: 7,548; 30/50 mesh sand: 0	4,116
Mechanical Packer 4	9,030	9,035	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Stage 5	8,710	9,030	FracPort 5: Depth: 8,869; Ball OD (in.): 2,500; Seat ID (in.): 2,375; Vol. to Seat (bbl): 184.35; Actual Vol. (bbl): 0.00; Difference (bbl): ; Ball Action (AP):	100 mesh sand: 28,177; 30/50 mesh sand: 36,211	3,907
Mechanical Packer 5	8,705	8,710	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Stage 6	8,386	8,705	FracPort 6: Depth: 8,544; Ball OD (in.): 2,625; Seat ID (in.): 2,500; Vol. to Seat (bbl): 179.32; Actual Vol. (bbl): 0.00; Difference (bbl): ; Ball Action (AP):	100 mesh sand: 37,277; 30/50 mesh sand: 30,591	2,784
Mechanical Packer 6	8,381	8,386	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Stage 7	8,066	8,381	FracPort 7: Depth: 8,220; Ball OD (in.): 2,750; Seat ID (in.): 2,625; Vol. to Seat (bbl): 174.38; Actual Vol. (bbl): 0.00; Difference (bbl): ; Ball Action (AP):	100 mesh sand: 32,229; 30/50 mesh sand: 21,843	3,706
Mechanical Packer 7	8,061	8,066	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Stage 8	7,743	8,061	FracPort 8: Depth: 7,901; Ball OD (in.): 2,875; Seat ID (in.): 2,750; Vol. to Seat (bbl): 169.37; Actual Vol. (bbl): 0.00; Difference (bbl): ; Ball Action (AP):	100 mesh sand: 35,076; 30/50 mesh sand: 30,420	2,777
Mechanical Packer 8	7,738	7,743	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Stage 9	7,418	7,738	FracPort 9: Depth: 7,577; Ball OD (in.): 3,000; Seat ID (in.): 2,875; Vol. to Seat (bbl): 164.35; Actual Vol. (bbl): 0.00; Difference (bbl): ; Ball Action (AP):	100 mesh sand: 30,308; 30/50 mesh sand: 14,314	1,869
Mechanical Packer 9	7,413	7,418	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Stage 10	7,100	7,418	FracPort 10: Depth: 7,259; Ball OD (in.): 3,125; Seat ID (in.): 3,000; Vol. to Seat (bbl): 159.32; Actual Vol. (bbl): 0.00; Difference (bbl): ; Ball Action (AP):	100 mesh sand: 25,505; 30/50 mesh sand: 3,487	2,804
Mechanical Packer 10	7,088	7,093	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Stage 11	6,768	7,088	FracPort 11: Depth: 6,927; Ball OD (in.): 3,250; Seat ID (in.): 3,125; Vol. to Seat (bbl): 169.37; Actual Vol. (bbl): 0.00; Difference (bbl): ; Ball Action (AP):	100 mesh sand: 37,684; 30/50 mesh sand: 36,949	2,755
Mechanical Packer 11	6,763	6,768	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
Stage 12	6,445	6,763	FracPort 11: Depth: 6,601; Ball OD (in.): 3,375; Seat ID (in.): 3,250; Vol. to Seat (bbl): 154.29; Actual Vol. (bbl): 0.00; Difference (bbl): ; Ball Action (AP):	100 mesh sand: 31,284; 30/50 mesh sand: 21,198	
Mechanical Packer 12	6,438	6,445	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)		
OH Anchor/Packer	5,451	5,458	Packer Plus 8-5/8" x 5-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,046psi)		
Rockseal II Packer	5,372	5,377	Packer Plus 8-5/8" x 5-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,046psi)		
Summary	Lat Length: 3,804	Total Stim. Lateral: 3,804	Avg. Stage Length: 317 *between packers	Sand Total: 100 mesh sand: 335,921; 30/50 mesh sand: 244,388	# sand per foot of lateral: 153

WFD port Collar
 5,355
 KOP
 5,400

OH Anchor/Packer
 5,451
 OH Anchor/Packer
 5,372

5.5" x 4.5" x 0 5,993



MD TD 10,269
 TVD TD 6,011

State 13-16-9-16

Spud Date: 4/9/08
 Put on Production: 6/18/08
 GL: 5959' KB: 5971'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7jts (313.38')
 DEPTH LANDED: 323.38' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: To Surface with 160 sxs Class 'G' cmt

PRODUCTION CASING

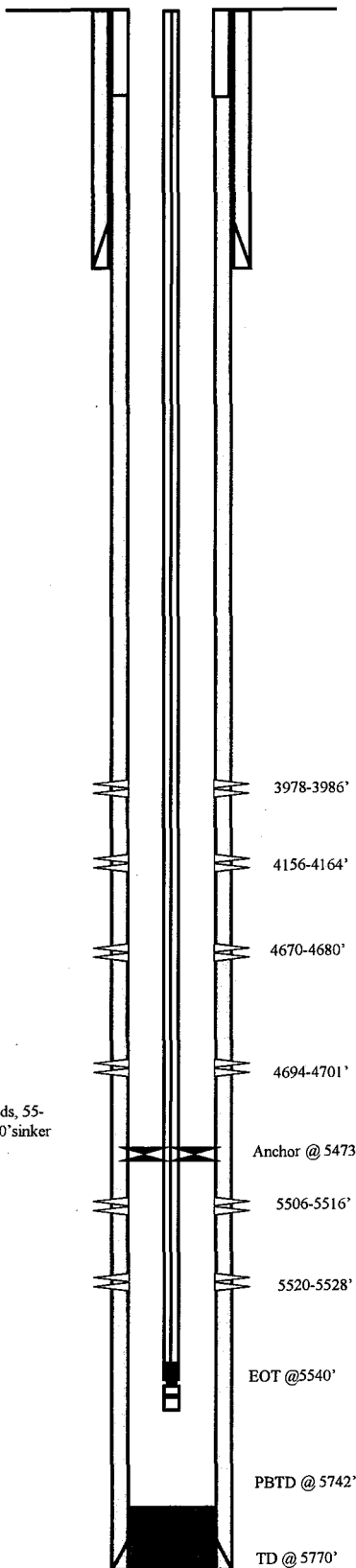
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 126 jts. (5750.14') Includes Shoe Jt. (20.14')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5763.29' KB
 CEMENT DATA: 275 sxs Premlite II and 400 sxs 50/50 Poz
 CEMENT TOP AT: 46'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 177 jts. (5460.9')
 TUBING ANCHOR: 5472.9'
 NO. OF JOINTS: 1jt (31.70')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5507.1'KB
 NO. OF JOINTS: 1 jts. (31.10')
 TOTAL STRING LENGTH: EOT @ 5540

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' polished rod
 SUCKER RODS: 1 x 3/4" = 2' pony rods, 113-3/4" = 2825' guided rods, 55-3/4" = 1375' sucker rods, 41 -3/4" = 1025' guided rods, 6-1 1/2" = 150' sinker bars
 PUMP SIZE: CDI 2-1/2" x 1-1/4" x 12" x 16' RHAC pump
 STROKE LENGTH: 100"
 PUMP SPEED, SPM: 4



FRAC JOB

06-06-08 5506-5616' **Frac CP1 sds as follows:**
 40,770# 20/40 sand in 426 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1994 psi w/ ave rate of 23.8 BPM. ISIP 2188 psi. Actual Flush: 4914 gals.

06-06-08 4670-4680' **Frac D2 sds as follows:**
 40,545# 20/40 sand in 410 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1811 psi w/ ave rate of 23.8 BPM. ISIP 1920 psi. Actual Flush: 4120 gals.

06-06-08 4156-4164' **Frac GB6 sds as follows:**
 50,204# 20/40 sand in 438 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1855 psi w/ ave rate of 24.0 BPM. ISIP 1810 psi. Actual Flush: 3692 gals.

06-06-08 3978-3986' **Frac GB2 sds as follows:**
 30,226# 20/40 sand in 366 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1552 psi w/ ave rate of 15.6 BPM. ISIP 1587 psi. Actual Flush: 3893 gals.

1/6/09 Tubing Leak. Updated rod & tubing details.
 9/30/09 Tubing Leak. Updated rod & tubing
 07/24/10 Pump Change. Updated rod & tubing.
 4/19/2011 Tubing Leak. Updated rods & tubing.

PERFORATION RECORD

3978-3986'	4 JSPF	32 holes
4156-4164'	4 JSPF	32 holes
4670-4680'	4 JSPF	40 holes
4694-4701'	4 JSPF	28 holes
5506-5516'	4 JSPF	40 holes
5520-5528'	4 JSPF	32 holes

NEWFIELD

State 13-16-9-16
 652' FSL & 524' FWL (SW/SW)
 Section 16, T9S, R16E
 Duchesne County, Utah
 API #43-013-33853; Lease # Utah State ML-16532

Water Analysis Report

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

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

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

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

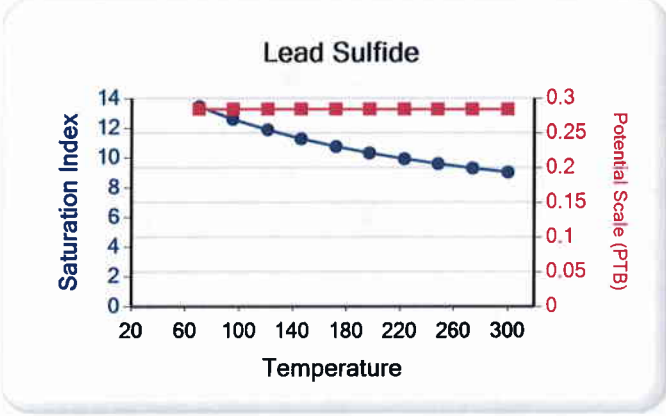
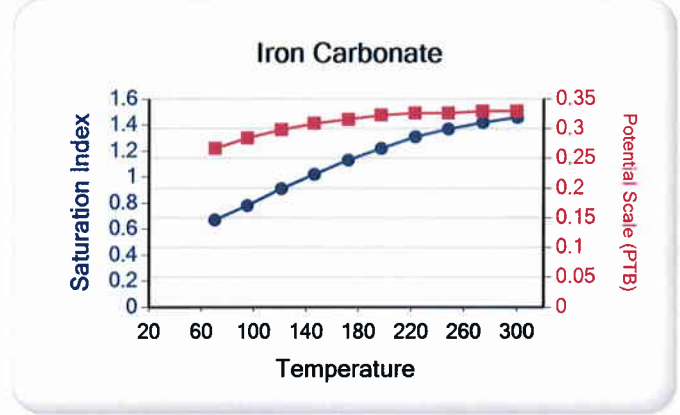
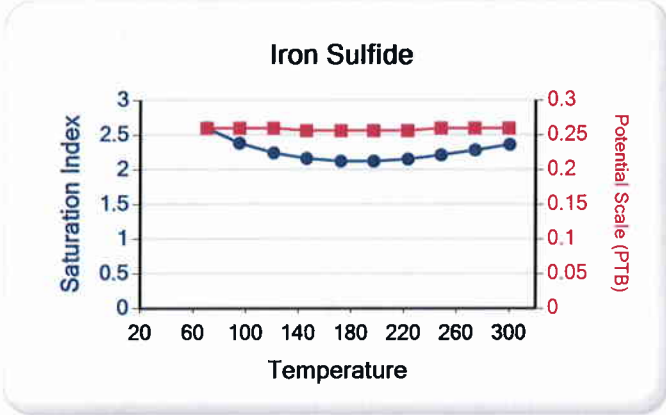
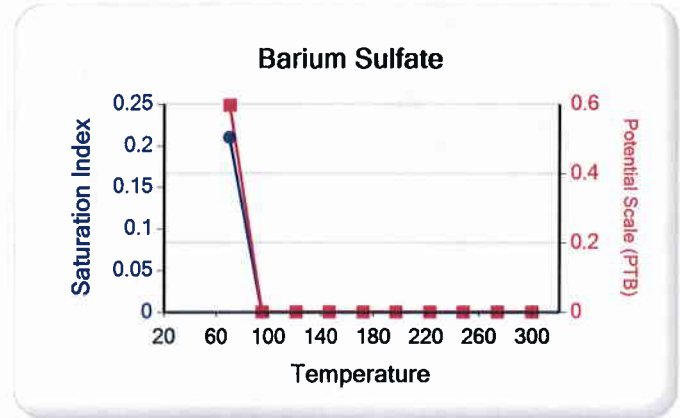
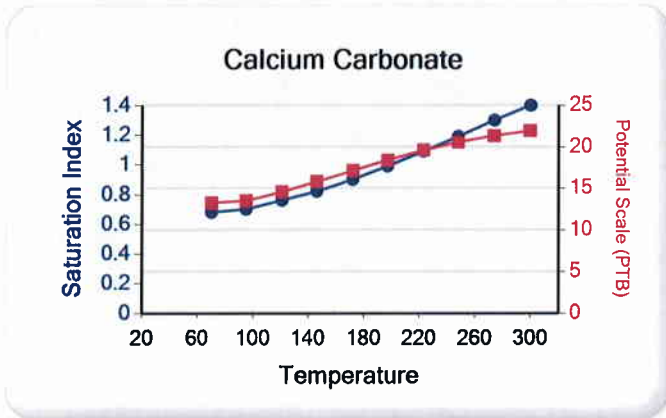
Notes:

(PTB = Pounds per Thousand Barrels)

Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.68	13.26	0.21	0.60	2.60	0.26	0.67	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.70	13.48	0.00	0.00	2.38	0.26	0.78	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.76	14.55	0.00	0.00	2.24	0.26	0.91	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.82	15.79	0.00	0.00	2.16	0.26	1.02	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.90	17.10	0.00	0.00	2.12	0.26	1.13	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.99	18.39	0.00	0.00	2.12	0.26	1.22	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	1.09	19.55	0.00	0.00	2.15	0.26	1.31	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	1.19	20.54	0.00	0.00	2.21	0.26	1.37	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	1.30	21.32	0.00	0.00	2.28	0.26	1.42	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	1.40	21.90	0.00	0.00	2.36	0.26	1.46	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

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



Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
Well Name: **FEDERAL 15-17-9-16**
Sample Point: **Treater**
Sample Date: **5/20/2012**
Sample ID: **WA-214846**

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:	5/29/2012	Cations		Anions	
		mg/L		mg/L	
System Temperature 1 (°F):	120.00	Sodium (Na):	8668.01	Chloride (Cl):	13600.00
System Pressure 1 (psig):	60.0000	Potassium (K):	75.00	Sulfate (SO ₄):	74.00
System Temperature 2 (°F):	185.00	Magnesium (Mg):	34.30	Bicarbonate (HCO ₃):	244.00
System Pressure 2 (psig):	60.0000	Calcium (Ca):	134.00	Carbonate (CO ₃):	0.00
Calculated Density (g/ml):	1.013	Strontium (Sr):	0.00	Acetic Acid (CH ₃ COO)	0.00
pH:	8.60	Barium (Ba):	4.00	Propionic Acid (C ₂ H ₅ COO)	0.00
Calculated TDS (mg/L):	22850.81	Iron (Fe):	16.50	Butanoic Acid (C ₃ H ₇ COO)	0.00
CO ₂ in Gas (%):	0.00	Zinc (Zn):	0.49	Isobutyric Acid ((CH ₃) ₂ CHCOO)	0.00
Dissolved CO ₂ (mg/L):	0.00	Lead (Pb):	0.06	Fluoride (F):	
H ₂ S in Gas (%):	0.00	Ammonia NH ₃ :		Bromine (Br):	
H ₂ S in Water (mg/L):	0.00	Manganese (Mn):	0.45	Silica (SiO ₂):	

Notes:

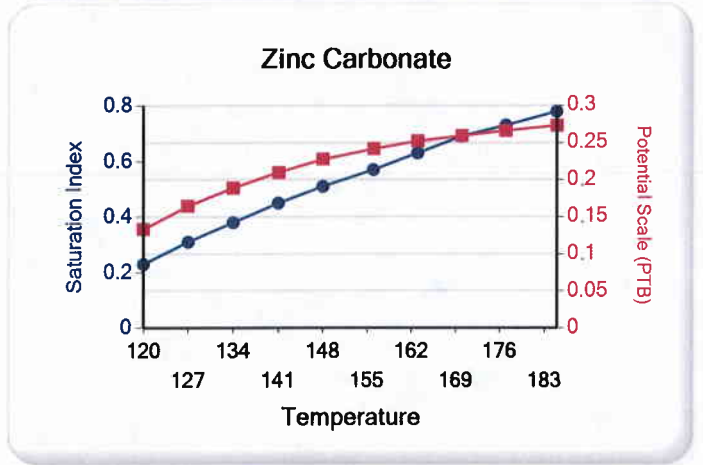
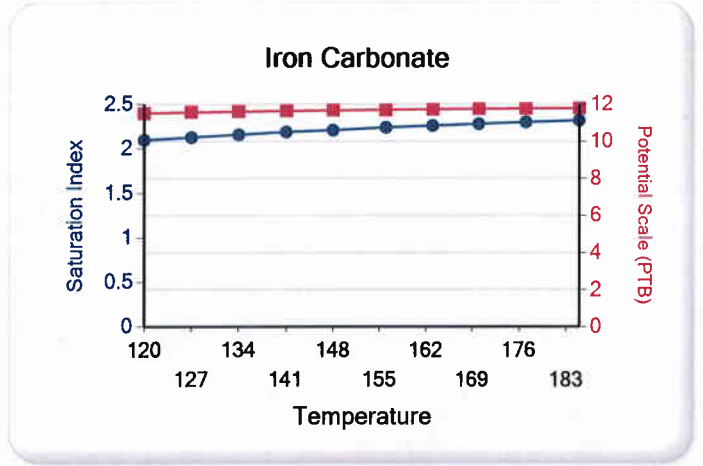
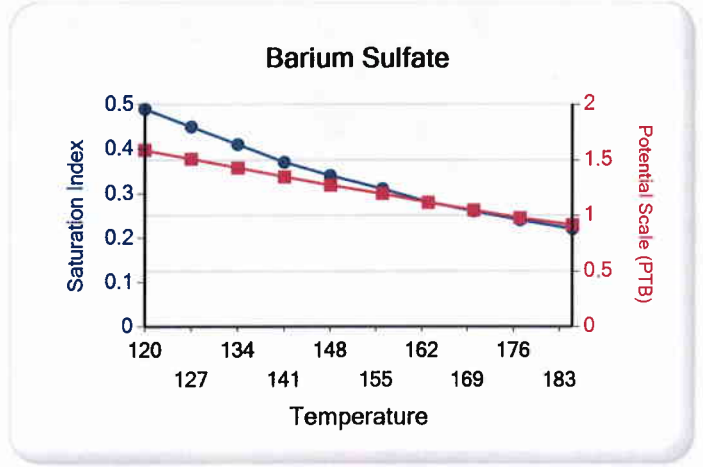
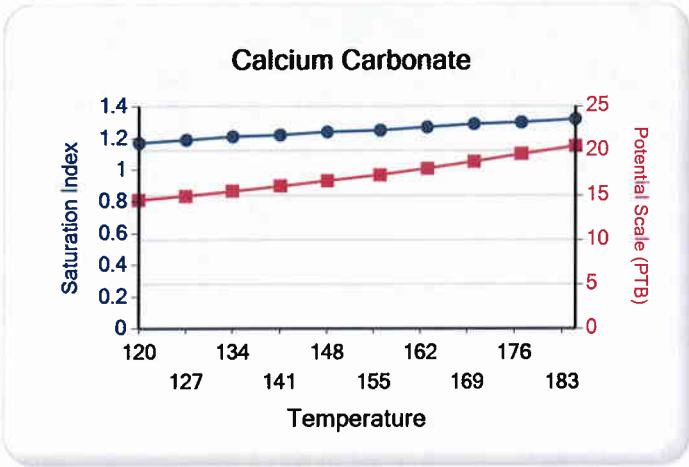
(PTB = Pounds per Thousand Barrels)

Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ ·2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
185.00	60.00	1.32	20.53	0.22	0.91	0.00	0.00	2.32	11.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.00	60.00	1.30	19.64	0.24	0.98	0.00	0.00	2.30	11.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	1.29	18.81	0.26	1.05	0.00	0.00	2.28	11.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163.00	60.00	1.27	18.03	0.28	1.12	0.00	0.00	2.26	11.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156.00	60.00	1.25	17.31	0.31	1.20	0.00	0.00	2.24	11.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148.00	60.00	1.24	16.64	0.34	1.27	0.00	0.00	2.21	11.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141.00	60.00	1.22	16.02	0.37	1.35	0.00	0.00	2.19	11.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134.00	60.00	1.21	15.45	0.41	1.43	0.00	0.00	2.16	11.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.00	60.00	1.19	14.93	0.45	1.51	0.00	0.00	2.13	11.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	1.17	14.45	0.49	1.59	0.00	0.00	2.10	11.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Temp (°F)	PSI	Hemihydrate CaSO ₄ ·0.5H ₂ O		Anhydrate CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
185.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.78	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	0.27	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	0.69	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.16	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	0.23	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

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



Attachment "G"

**Federal #15-17-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5817	5851	5834	2250	0.82	2212
5515	5538	5527	2120	0.82	2084 ←
4980	4987	4984	2500	0.94	2468
4684	4698	4691	2250	0.91	2220
				Minimum	<u><u>2084</u></u>

Calculation of Maximum Surface Injection Pressure

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

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

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



DAILY COMPLETION REPORT

WELL NAME: Federal 15-17-9-16
Operation: Completion

Report Date: Oct 6, 2006

Day: 01

Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 322' Prod Csg: 5-1/2" @ 6000' Csg PBTD: 5913'WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
CP5 sds	5817-5851'	2/68			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 05-Oct-06 SITP: SICP: 0

Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5913' & cement top @ 60' Perforate stage #1, CP5 sds @ 5817-51' w/ 4" Port guns (19 gram, .46"HE. 120) w/ 2 spf for total of 68 shots. 142 bbls EWTR. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 142 Starting oil rec to date:
Fluid lost/recovered today: 0 Oil lost/recovered today:
Ending fluid to be recovered: 142 Cum oil recovered:
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

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

COSTS

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

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

Completion Supervisor: Orson Barney

DAILY COST: \$0
TOTAL WELL COST:



DAILY COMPLETION REPORT

WELL NAME: Federal 15-17-9-16

Report Date: Oct 11, 2006

Day: 2a

Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 322' Prod Csg: 5-1/2" @ 6000' Csg PBTD: 5913'WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Row 1: CP5 sds, 5817-5851', 2/68

CHRONOLOGICAL OPERATIONS

Date Work Performed: 10-Oct-06

SITP: SICP: 10 psi

Day 2a.

RU BJ Services. 10 psi on well. Frac CP5 sds w/ 89,648#'s of 20/40 sand in 681 bbls of Lightning 17 fluid. Broke @ 2923 psi Treated w/ ave pressure of 1910 psi @ ave rate of 25.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2250 psi. Leave pressure on well. 823 BWTR. See Day 2b.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 142 Starting oil rec to date:
Fluid lost/recovered today: 681 Oil lost/recovered today:
Ending fluid to be recovered: 823 Cum oil recovered:
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac
Company: BJ Services
Procedure or Equipment detail: CP5 sands

COSTS

BJ Services-CP5
NPC frac wtr
NPC fuel gas
Weatherford tools/serv
NPC trucking
NPC Supervisor

6800 gals of pad
4625 gals W/ 1-5 ppg of 20/40 sand
9250 gals W/ 5-8 ppg of 20/40 sand
2114 gals W/ 8 ppg of 20/40 sand
Flush W/ 504 gals of 15% HCL acid
Flush W/ 5309 gals of slick water

Flush called @ blender--includes 2 bbls pump/line volume

Max TP: 2250 Max Rate: 25.5 BPM Total fluid pmpd: 681 bbls
Avg TP: 1910 Avg Rate: 25.3 BPM Total Prop pmpd: 89,648#'s
ISIP: 2250 5 min: 10 min: FG: .82

Completion Supervisor: Orson Barney

DAILY COST: \$0

TOTAL WELL COST:



DAILY COMPLETION REPORT

WELL NAME: Federal 15-17-9-16 **Report Date:** Oct 11, 2006 **Day:** 2b
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 322' **Prod Csg:** 5-1/2" @ 6000' **Csg PBTD:** 5913'WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** 5090'
BP: 5640'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
CP1 sds	5515-5538'	4/92			
CP5 sds	5817-5851'	2/68			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 10-Oct-06 **SITP:** _____ **SICP:** 1650 psi

Day 2b. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 23' perf gun. Set plug @ 5640'. Perforate CP1 sds @ 5515- 38' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 SPF for total of 92 shots. RU B. Services. 1650 psi on well. Pressured up to 4200 psi, Would not breakdown. RU Lone Wolf WL & dump bail acid. RU B. Services. 1550 psi on well. Frac CP1 sds w/ 60,364#s of 20/40 sand in 493 bbls of Lightning 17 fluid. Broke @ 3652 psi. Treated w/ ave pressure of 1727 psi @ ave rate of 25.1 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2120 psi. Leave pressure on well. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 7' perf gun Set plug @ 5090'. Perforate A.5 sds @ 4980- 87' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 SPF for total of 28 shots. Leave pressure on well. 1316 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 823 **Starting oil rec to date:** _____
Fluid lost/recovered today: 493 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1316 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services
Procedure or Equipment detail: CP1 sands

BJ Services-CP1
 NPC frac wtr
 NPC fuel gas
 Weatherford tools/serv
 Lone Wolf WL-CP1
 NPC Supervisor
 Lone Wolf WL-A.5

6800 gals of pad
 4625 gals W/ 1-5 ppg of 20/40 sand
 9250 gals W/ 5-8 ppg of 20/40 sand
 1604 gals W/ 8 ppg of 20/40 sand
 Flush W/ 504 gals of 15% HCL acid
 Flush W/ 4998 gals of slick water

****Flush called @ blender--includes 2 bbls pump/line volume****

Max TP: 2135 **Max Rate:** 25.3 BPM **Total fluid pmpd:** 493 bbls
Avg TP: 1727 **Avg Rate:** 25.1 BPM **Total Prop pmpd:** 60,364#s
ISIP: 2120 **5 min:** _____ **10 min:** _____ **FG:** .82

Completion Supervisor: Orson Barney

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



5 of 7

DAILY COMPLETION REPORT

WELL NAME: Federal 15-17-9-16 **Report Date:** Oct 12, 2006 **Day:** 3b
Operation: Completion **Rig:** NC #2

WELL STATUS

Surf Csg: 8-5/8' @ 322' **Prod Csg:** 5-1/2" @ 6000' **Csg PBTD:** 5913'WL
Tbg: Size: 2 7/8" Wt: 6.5# **Grd:** J-55 **Pkr/EOT @:** 4677' **BP/Sand PBTD:** 4800'
BP: 5090', 5640'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D3 sds	4684-4698'	4/56			
A.5 sds	4980-4987'	4/28			
CP1 sds	5515-5538'	4/92			
CP5 sds	5817-5851'	2/68			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11-Oct-06 **SITP:** _____ **SICP:** 1775 psi

Day 3b.
 RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 14' perf gun. Set plug @ 4800' Perforate D3 sds @ 4684- 98' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 SPF for total of 56 shots. RU BJ Services. 1775 ps on well. Frac D3 sds w/ 87,753#'s of 20/40 sand in 610 bbls of Lightning 17 fluid. Broke @ 2850 psi. Treated w/ ave pressure o 1960 psi @ ave rate of 25 BPM. ISIP 2250 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. FLOWed for 4.5 hrs & died Rec. 270 BTF. 2049 BWTR. MIRU NC#2. ND Cameron BOP & 5m frac head. NU 3m production head & Schafer BOP. RIH w/ 4 3/4" chomp bit, bit sub & 2 7/8" tbg. from pipe rack (tallying & drifting). Tag @ 4770'. Pull up to 4677'. RU powerswivel & pump SWIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1709 **Starting oil rec to date:** _____
Fluid lost/recovered today: 340 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 2049 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services
Procedure or Equipment detail: D3 sands
gals to breakdown & get crosslink
6000 gals of pad
4000 gals W/ 1-5 ppg of 20/40 sand
8000 gals W/ 5-8 ppg of 20/40 sand
3042 gals W/ 8 ppg of 20/40 sand
Flush W/ 4578 gals of slick water

COSTS

BJ Services-D3
NPC frac wtr
NPC fuel gas
Weatherford tools/serv
Lone Wolf WL
NPC Supervisor
NC #2
Weatherford BOP
CML Trucking
NPC Trucking

Max TP: 2220 **Max Rate:** 25.4 BPM **Total fluid pmpd:** 610 bbls
Avg TP: 1960 **Avg Rate:** 25 BPM **Total Prop pmpd:** 87,753#'s
ISIP: 2250 **5 min:** _____ **10 min:** _____ **FG:** .91

Completion Supervisor: Orson Barney

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



DAILY COMPLETION REPORT

WELL NAME: Federal 15-17-9-16 Report Date: Oct. 13, 2006 Day: 04
Operation: Completion Rig: NC #2

WELL STATUS

Surf Csg: 8-5/8' @ 322' Prod Csg: 5-1/2" @ 6000' Csg PBTD: 5954'
Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 5888' BP/Sand PBTD: 5954'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D3 sds	4684-4698'	4/56			
A.5 sds	4980-4987'	4/28			
CP1 sds	5515-5538'	4/92			
CP5 sds	5817-5851'	2/68			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Oct. 12, 2006 SITP: 50 SICP: 50

Bleed pressure off well. Rec est 15 BTF. C/O sd & drill out composite bridge plugs as follows (using conventional circulation): sd @ 4740', plug @ 4800' in 40 minutes; sd @ 5026', plug @ 5090' in 45 minutes; sd @ 5490', plug @ 5640' in 44 minutes. Con't swivelling jts in hole. Tag fill @ 5802'. Drill plug remains & sd to PBTD @ 5954'. Circ hole clean W/ no fluid loss. RD swivel. Pull EOT to 5888'. RU swab equipment. IFL @ sfc. Made 18 swb runs rec 17C BTF W/ light gas. tr oil & light tr sd. FFL @ 1600'. SIFN W/ est 1864 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2049 Starting oil rec to date: _____
Fluid lost/recovered today: 185 Oil lost/recovered today: _____
Ending fluid to be recovered: 1864 Cum oil recovered: _____
IFL: sfc FFL: 1600' FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: tr

STIMULATION DETAIL

COSTS

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

NC #2 rig
Weatherford BOP
NPC trucking
NDSI wtr & truck
Unichem chemicals
B & L - new J55 tbg
Weatherford swivel
NPC sfc equipment
Mecham labor/welding
Monks pit reclaim
Mt. West sanitation
NDSI wtr disposal
NPC supervision

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

Completion Supervisor: Gary Dietz

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



DAILY COMPLETION REPORT

WELL NAME: Federal 15-17-9-16 **Report Date:** Oct. 14, 2006 **Day:** 05
Operation: Completion **Rig:** NC #2

WELL STATUS

Surf Csg: 8-5/8' @ 322' **Prod Csg:** 5-1/2" @ 6000' **Csg PBTD:** 5954'
Tbg: **Size:** 2 7/8" **Wt:** 6.5# **Grd:** J-55 **Anchor @:** 5798' **BP/Sand PBTD:** 5954'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D3 sds	4684-4698'	4/56			
A.5 sds	4980-4987'	4/28			
CP1 sds	5515-5538'	4/92			
CP5 sds	5817-5851'	2/68			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Oct. 13, 2006 **SITP:** 100 **SICP:** 120

Bleed gas off well. TIH W/ tbg. Tag sd @ 5949' (5' new fill). C/O sd to PBTD @ 5954'. Circ hole clean. Lost est 45 BW & rec t oil. LD excess tbg. TOH W/ tbg--LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 1 jt tbg, new CDI 5 1/2' TA (45K) & 183 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 5798' W/ SN @ 5832' & EOT @ 5897'. Land tbg W/ 16,000# tension. NU wellhead. PU & TIH W/ pump and "A" grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 14' RHAC pump, 6-1 1/2" weight rods, 10-3/4" scraped rods, 117-3/4" plain rods, 99-3/4" scraped rods, 1-8', 1-4' & 1-2' X 3/4" pony rods and 1 1/2" X 22' polished rod. Seat pump & RU pumping unit. Fill tbg W/ 1 BW. Pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 1910 BWTR.

Place well on production @ 7:00 PM 10/13/2006 W/ 86" SL @ 5 SPM.

FINAL REPORT!!

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1864 **Starting oil rec to date:** _____
Fluid lost/recovered today: 46 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1910 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

TUBING DETAIL

ROD DETAIL

COSTS

TUBING DETAIL	ROD DETAIL	COSTS
KB <u>12.00'</u>	<u>1 1/2" X 22' polished rod</u>	<u>NC #2 rig</u>
183 <u>2 7/8 J-55 tbg (5785.54')</u>	<u>1-8', 1-4' & 1-2' X 3/4" ponies</u>	<u>Weatherford BOP</u>
<u>TA (2.80' @ 5797.54' KB)</u>	<u>99-3/4" scraped rods</u>	<u>NPC location cleanup</u>
1 <u>2 7/8 J-55 tbg (31.73')</u>	<u>117-3/4" plain rods</u>	<u>NPC trucking</u>
<u>SN (1.10' @ 5832.07' KB)</u>	<u>10-3/4" scraped rods</u>	<u>CDI TA</u>
2 <u>2 7/8 J-55 tbg (63.37')</u>	<u>6-1 1/2" weight rods</u>	<u>CDI SN</u>
<u>2 7/8 NC (.45')</u>	<u>CDI 2 1/2" X 1 1/2" X 14'</u>	<u>CDI rod pump</u>
EOT <u>5896.99' W/ 12' KB</u>	<u>RHAC pump W/ SM plunger</u>	<u>"A" grade rod string</u>
		<u>NPC frac tks(6X6 dys)</u>
		<u>NPC swb tk (3 days)</u>
		<u>NPC frac head</u>
		<u>Zubiate HO trk</u>
		<u>NPC supervision</u>

DAILY COST: _____ \$0

Completion Supervisor: Gary Dietz

TOTAL WELL COST: _____

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4634'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 178' 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 372'

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

Federal 15-17-9-16

Spud Date: 08/18/06
 Put on Production: 10/13/06
 K.B.: 6000, G.L5988

Initial Production: BOPD,
 MCFD, BWPD

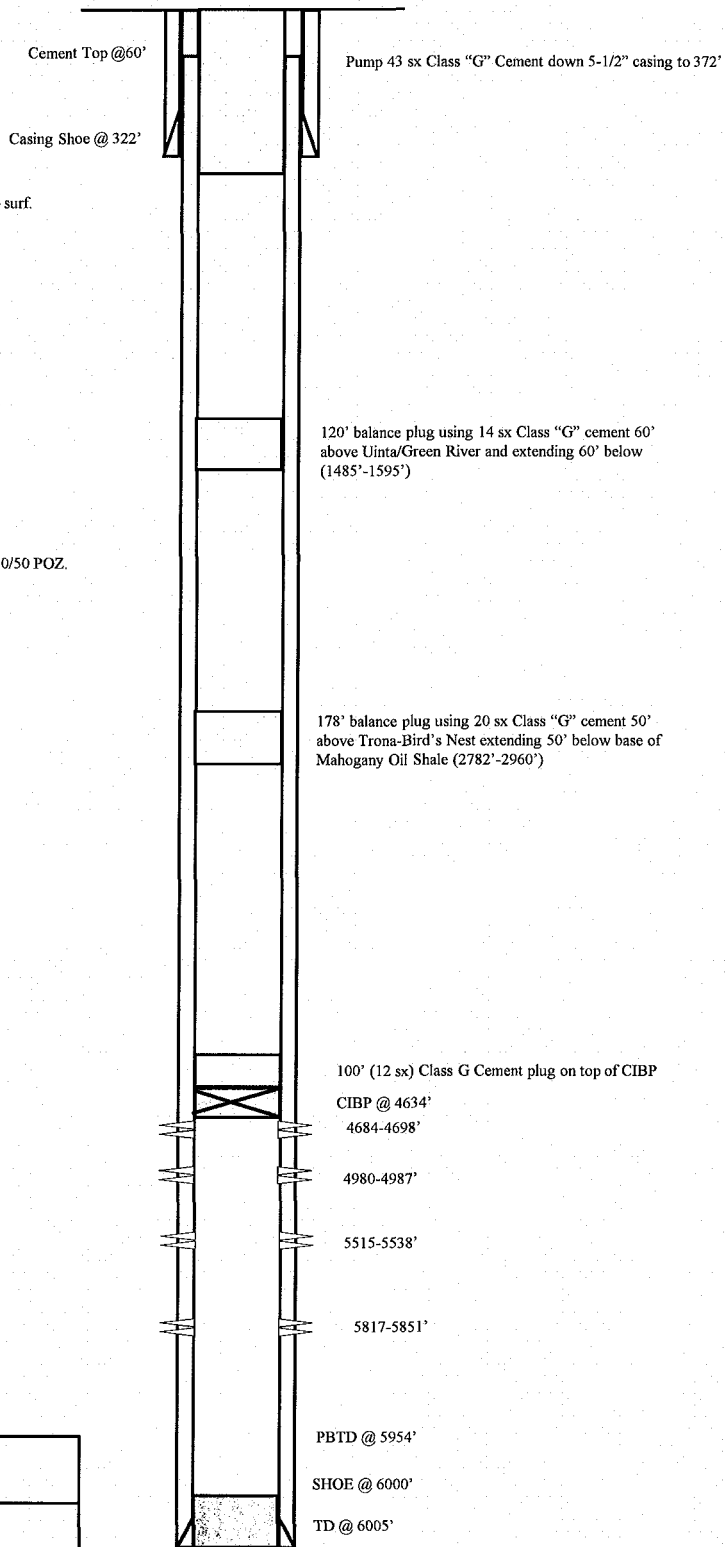
Proposed P & A Wellbore Diagram


SURFACE CASING

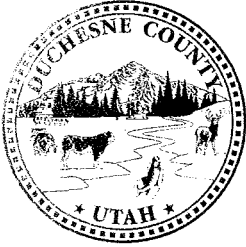
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (310.18')
 DEPTH LANDED: 322.03' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 136 jts. (5986.81')
 DEPTH LANDED: 6000.06' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP: 60'




Federal 15-17-9-16 810' FSL & 1961' FEL SW/SE Section 17-T9S-R16E Duchesne Co, Utah API #43-013-33037; Lease #UTU-52018



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

June 26, 2012

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

RECEIVED

JUN 27 2012

DIV. OF OIL, GAS & MINING

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

Dear Mr. Hill:

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

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

Thank you for the opportunity to comment.

Sincerely,

Mike Hyde, AICP
Community Development Administrator

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

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

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 5, 8, 9, 11, 13, 17, 19, 22, 23, AND 30, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

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

Greater Monument Butte Unit:

West Point U 12-5-9-16 well located in NW/4 SW/4, Section 5, Township 9 South, Range 16 East
API 43-013-31933

Federal 7-8-9-16 well located in SW/4 NE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33056

Federal 9-8-9-16 well located in NE/4 SE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33058

West Point 12-8-9-16 well located in NW/4 SW/4, Section 8, Township 9 South, Range 16 East
API 43-013-32286

Federal 15-8-9-16 well located in SW/4 SE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33060

Federal 5-9-9-16 well located in SW/4 NW/4, Section 9, Township 9 South, Range 16 East
API 43-013-32916

Federal 11A-9-9-16 well located in NE/4 SW/4, Section 9, Township 9 South, Range 16 East
API 43-013-33050

Goates Fed 1 well located in SE/4 SW/4, Section 11, Township 9 South, Range 16 East
API 43-013-15789

Federal 13-13-9-16 well located in SW/4 SW/4, Section 13, Township 9 South, Range 16 East
API 43-013-32650

Federal 1-17-9-16 well located in NE/4 NE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33028

Federal 15-17-9-16 well located in SW/4 SE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33037

Federal 3-19-9-16 well located in NE/4 NW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33064

Federal 5-22-9-16 well located in SW/4 NW/4, Section 22, Township 9 South, Range 16 East
API 43-013-33025

Federal 16-22-9-16 well located in NE/4 SE/4, Section 22, Township 9 South, Range 16 East
API 43-013-33394

Federal 5-23-9-16 well located in SW/4 NW/4, Section 23, Township 9 South, Range 16 East
API 43-013-32960

Federal 9-23 well located in NE/4 SE/4, Section 23, Township 9 South, Range 16 East
API 43-013-30654

Federal 1-30-9-16 well located in NE/4 NE/4, Section 30, Township 9 South, Range 16 East
API 43-013-33452

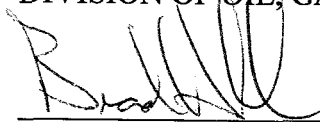
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

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

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

Dated this 20th day of June, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

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

Brad Hill
Permitting Manager

Newfield Production Company

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

Cause No. UIC-395

Publication Notices were sent to the following:

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

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

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

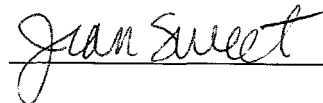
Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

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

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

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

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052





GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 21, 2012

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

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

To Whom It May Concern:

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

Please send proof of publication and billing to:

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

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



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

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

On 6/21/2012 5:07 PM, Jean Sweet wrote:

To Whom It May Concern:

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

Please send proof of publication and billing to:

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

Sincerely,

Jean Sweet, Executive Secretary
Utah Div. of Oil, Gas & Mining
1594 West Temple, Suite 1210
Salt Lake City, UT
801-538-5329
jsweet@utah.gov

Received. Thank you. It will run June 26.
Cindy



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 21, 2012

VIA E-MAIL naclegal@mediaoneutah.com

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

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

To Whom It May Concern:

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

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

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

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

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

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

Order Confirmation for Ad #0000802910-01

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

Total Amount	\$448.52			
Payment Amt	\$0.00			
Amount Due	\$448.52	Tear Sheets	Proofs	Affidavits
		0	0	1
Payment Method		PO Number	UIC 395	
Confirmation Notes:				
Text:	Jean			

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

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

Order Confirmation for Ad #0000802910-01

Ad Content Proof Actual Size

Order Confirmation for Ad #0000802910-01

Ad Content Proof 135%

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

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 5, 8, 9, 11, 13, 17, 19, 22, 23, AND 30, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

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

Greater Monument Butte Unit:

West Point U 12-5-9-16 well located in NW/4 SW/4, Section 5, Township 9 South, Range 16

East

API 43-013-31933

Federal 7-8-9-16 well located in SW/4 NE/4, Section 8, Township 9 South, Range 16 East

API 43-013-33056

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

API 43-013-33058

West Point 12-8-9-16 well located in NW/4 SW/4, Section 8, Township 9 South, Range 16

East

API 43-013-32286

Federal 15-8-9-16 well located in SW/4 SE/4, Section 8, Township 9 South, Range 16 East

API 43-013-33060

Federal 5-9-9-16 well located in SW/4 NW/4, Section 9, Township 9 South, Range 16 East

API 43-013-32916

Federal 11A-9-9-16 well located in NE/4 SW/4, Section 9, Township 9 South, Range 16

East

API 43-013-33050

Coates Fed 1 well located in SE/4 SW/4, Section 11, Township 9 South, Range 16 East

API 43-013-15789

Federal 13-13-9-16 well located in SW/4 SW/4, Section 13, Township 9 South, Range 16

East

API 43-013-32650

Federal 1-17-9-16 well located in NE/4 NE/4, Section 17, Township 9 South, Range 16 East

API 43-013-33028

Federal 15-17-9-16 well located in SW/4 SE/4, Section 17, Township 9 South, Range 16

East

API 43-013-33037

Federal 3-19-9-16 well located in NE/4 NW/4, Section 19, Township 9 South, Range 16

East

API 43-013-33064

Federal 5-22-9-16 well located in SW/4 NW/4, Section 22, Township 9 South, Range 16

East

API 43-013-33025

Federal 16-22-9-16 well located in NE/4 SE/4, Section 22, Township 9 South, Range 16

East

API 43-013-33394

Federal 5-23-9-16 well located in SW/4 NW/4, Section 23, Township 9 South, Range 16

East

API 43-013-32960

Federal 9-23 well located in NE/4 SE/4, Section 23, Township 9 South, Range 16 East

API 43-013-30654

Federal 1-30-9-16 well located in NE/4 NE/4, Section 30, Township 9 South, Range 16 East

API 43-013-33452

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

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

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

Dated this 20th day of June, 2012.

STATE OF UTAH

DIVISION OF OIL, GAS & MINING

By:

Brad Hill
Permitting Manager
802910

UPAXLP



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

August 29, 2012

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

Subject: Greater Monument Butte Unit Well: Federal 15-17-9-16, Section 17, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33037

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 3,918 feet in the Federal 15-17-9-16 well.

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

Sincerely,

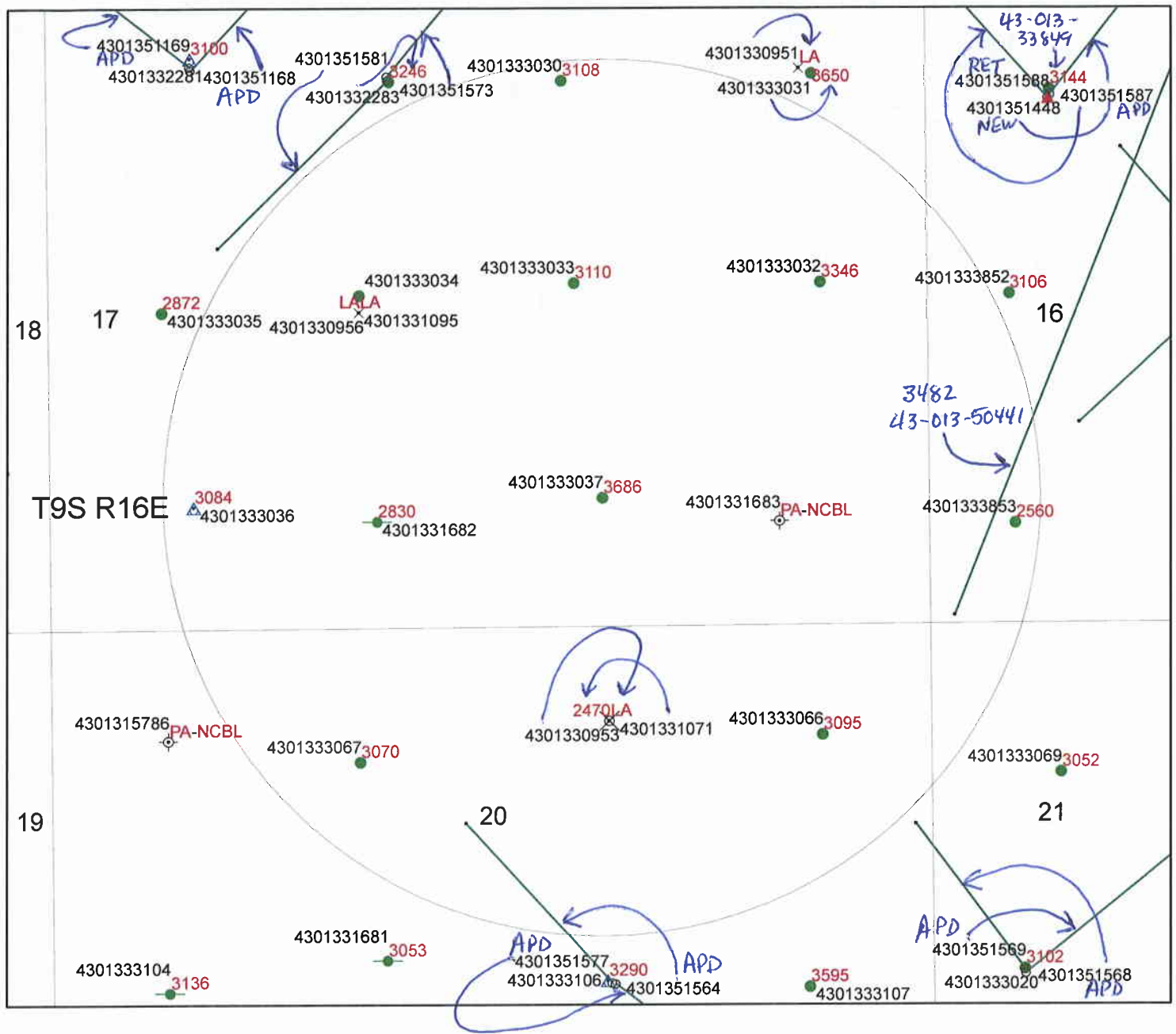
John Rogers
Associate Director

JR/MLR/js

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

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

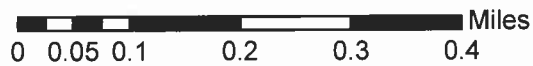




Cement Bond Tops
 FEDERAL 15-17-9-16
 API #43-013-33037
 UIC 395.11

Legend

- | | |
|--|---|
| Buffer_of_SGID93_ENERGY_DNROilGasWells_151 | PGW |
| SGID93_ENERGY_DNROilGasWells | POW |
| SGID93.ENERGY.DNROilGasWells | RET |
| GIS_STAT_TYPE | SGW |
| APD | SOW |
| DRL | TA |
| GIW | TW |
| GSW | WDW |
| LA | WW |
| LOC | WSW |
| OPS | SGID93 BOUNDARIES Counties |
| PA | • SGID93 ENERGY.DNROilGasWells_HDBottom |
| | — SGID93 ENERGY.DNROilGasWells_HDPath |
| | • Wells-CbltopsMaster08_14_12 |



1870calc = approx cement top calculated from well completion report

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

Applicant: Newfield Production Company **Well:** Federal 15-17-9-16

Location: 17/9S/16E **API:** 43-013-33037

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

Well Integrity: The proposed well has surface casing set at 322 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,000 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,686 feet. A 2 7/8 inch tubing with a packer will be set at 4,634 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. Based on surface locations, there are 8 producing wells, 1 injection well, 1 shut-in well, and 1 P/A well in the AOR. In addition, there is 1 horizontal producing well with a surface location outside the AOR and a bottom hole location inside the AOR. There is also 1 approved surface location outside the AOR from which a well will be directionally drilled to a bottom hole location inside 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 2500 feet. Injection shall be limited to the interval between 3,918 feet and 5,954 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 15-17-9-16 well is 0.82 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,084 psig. The requested maximum pressure is 2,084 psig. We intend to permit this well at a maximum pressure of 2,000 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Federal 15-17-9-16

page 2

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

Bonding: Bonded with the BLM

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

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

Reviewer(s): Mark Reinbold

Date 8/23/2012

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-52018	
SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: _____
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	8. WELL NAME and NUMBER: FEDERAL 15-17-9-16
PHONE NUMBER: 435 646-4825 Ext	9. API NUMBER: 43013330370000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0810 FSL 1961 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 17 Township: 09.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/18/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The subject well has been converted from a producing oil well to an injection well on 10/15/2012. New intervals perforated, C sands - 4761-4765' 3 JSPF & GB4 sands - 4065-4088' 3 JSPF. On 10/17/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/18/2012 the casing was pressured up to 1230 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 525 psig during the test. There was not an State representative available to witness the test.

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

Date: November 01, 2012

By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/23/2012	

Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: EVERETT UNRUH Date 10/18/12 Time 9:00 (am) pm
Test Conducted by: Troy Lazenby
Others Present: _____

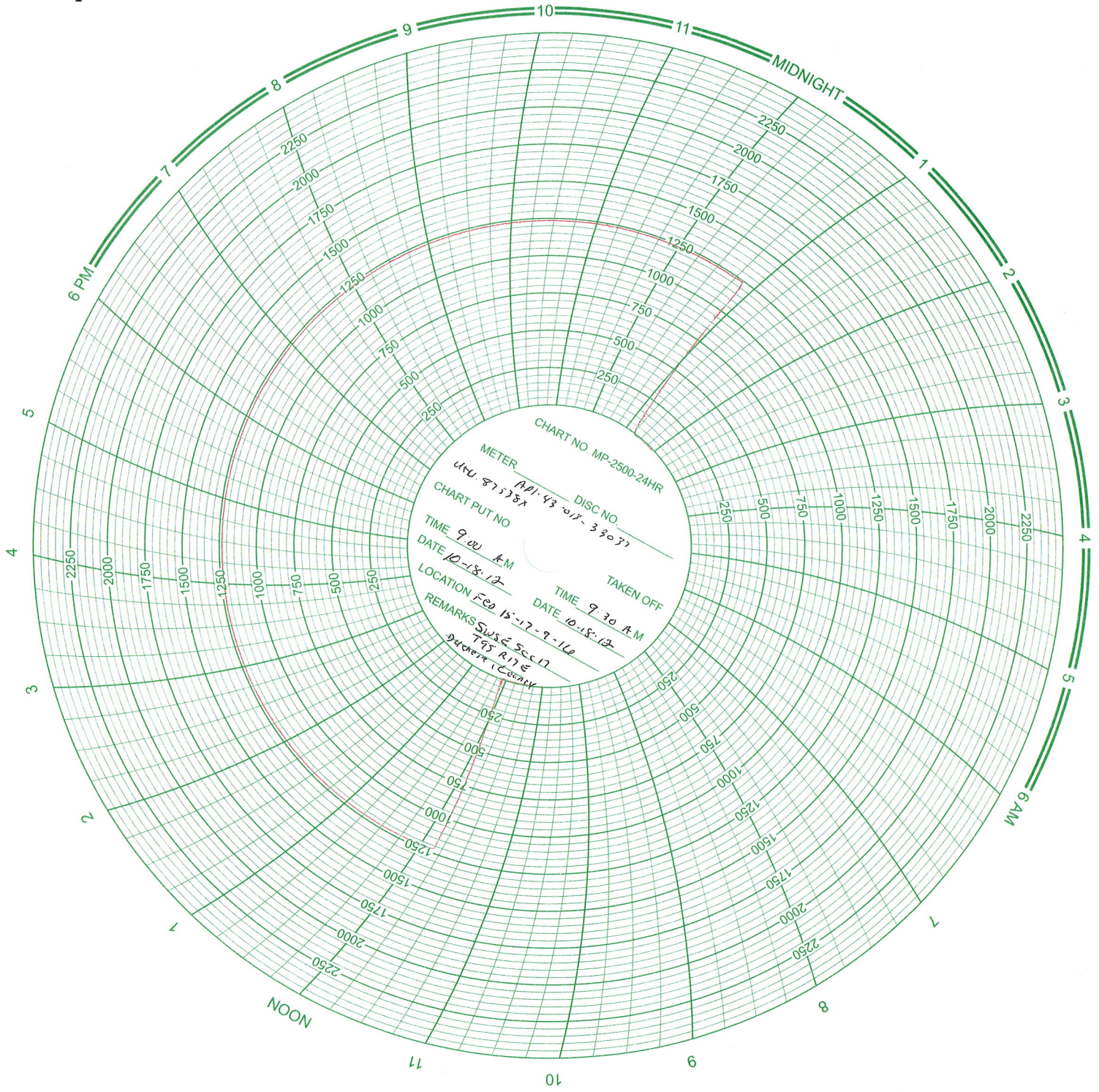
Well: <u>Federal 15-17-9-16</u>	Field: _____
Well Location: <u>SWSE Sect 9S R16E Duchesne, County Utah</u>	API No: <u>43-013-33037 Utah-87538X</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1230</u>	psig
5	<u>1230</u>	psig
10	<u>1230</u>	psig
15	<u>1230</u>	psig
20	<u>1230</u>	psig
25	<u>1230</u>	psig
30 min	<u>1230</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 525 psig

Result: Pass Fail

Signature of Witness: Everett Unruh
Signature of Person Conducting Test: Troy Lazenby



Daily Activity Report

Format For Sundry

FEDERAL 15-17-9-16

8/1/2012 To 12/30/2012

10/8/2012 Day: 1

Conversion

Nabors #1450 on 10/8/2012 - MIRUSU. Test tbg. LD rods. NU BOP's. Tag fill. - RD rod equipment. RU BOP's. Release TA. - Pickup 2 jts to tag sand @ 5930' (24' of fill). SIFN. - Pickup 2 jts to tag sand @ 5930' (24' of fill). SIFN. - TOO H w/ rods LD 1-1/4" x 22' SM polish rod, 2', 4', 6', 8' x 3/4" pony rods, 98- 3/4" 4 per guided, 97- 3/4" slick rods, 30- 3/4" 4 per guided, 6- 1-1/2" wt rods w/ 6- 1" stabilizers, 2' x 3/4" pony rod, 1-1/2" x 1-1/2" x 17' Mcguiver pump. LD 243 rods on trailer. Flush rods w/ 20 bbls on way out. - Pump 70 bbls of 225° wtr down casing. RD Unit. Unseat pump. Flush rods w/ 40 bbls wtr. Soft seat pump. Test tbg w/ 15 bbls fluid to 3000 psi. - Held Safety meeting & discussed JSA's & location Hazards. Clutch well. MIRUSU Nabors 1450. - RD rod equipment. RU BOP's. Release TA. - Held Safety meeting & discussed JSA's & location Hazards. Clutch well. MIRUSU Nabors 1450. - Pump 70 bbls of 225° wtr down casing. RD Unit. Unseat pump. Flush rods w/ 40 bbls wtr. Soft seat pump. Test tbg w/ 15 bbls fluid to 3000 psi. - TOO H w/ rods LD 1-1/4" x 22' SM polish rod, 2', 4', 6', 8' x 3/4" pony rods, 98- 3/4" 4 per guided, 97- 3/4" slick rods, 30- 3/4" 4 per guided, 6- 1-1/2" wt rods w/ 6- 1" stabilizers, 2' x 3/4" pony rod, 1-1/2" x 1-1/2" x 17' Mcguiver pump. LD 243 rods on trailer. Flush rods w/ 20 bbls on way out. - RD rod equipment. RU BOP's. Release TA. - Pump 70 bbls of 225° wtr down casing. RD Unit. Unseat pump. Flush rods w/ 40 bbls wtr. Soft seat pump. Test tbg w/ 15 bbls fluid to 3000 psi. - Held Safety meeting & discussed JSA's & location Hazards. Clutch well. MIRUSU Nabors 1450. - TOO H w/ rods LD 1-1/4" x 22' SM polish rod, 2', 4', 6', 8' x 3/4" pony rods, 98- 3/4" 4 per guided, 97- 3/4" slick rods, 30- 3/4" 4 per guided, 6- 1-1/2" wt rods w/ 6- 1" stabilizers, 2' x 3/4" pony rod, 1-1/2" x 1-1/2" x 17' Mcguiver pump. LD 243 rods on trailer. Flush rods w/ 20 bbls on way out. - Pickup 2 jts to tag sand @ 5930' (24' of fill). SIFN. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$9,914

10/9/2012 Day: 2

Conversion

Nabors #1450 on 10/9/2012 - TOO H w/ tbg breaking & doping. Perferate zones. - LD 60 joints extra tbg on trailer. Hand got wicker in left forearm from tbg. - RU Perforators WLT & lubricator. RIH w/ 4.75" gauge ring to 4800'. RIH & perferate C sds @ 4761-65', GB4 sds @ 4086-88', 4082-84', 4065-67' w/ 16 gram Disposable guns, 3 spf for total of 30 shots. RD WLT. SIFN. - LD 60 joints extra tbg on trailer. Hand got wicker in left forearm from tbg. - RU Perforators WLT & lubricator. RIH w/ 4.75" gauge ring to 4800'. RIH & perferate C sds @ 4761-65', GB4 sds @ 4086-88', 4082-84', 4065-67' w/ 16 gram Disposable guns, 3 spf for total of 30 shots. RD WLT. SIFN. - Held safety meeting & discussed JSA's. TOO H w/ tbg breaking, doping & inspecting every collar. - Held safety meeting & discussed JSA's. TOO H w/ tbg breaking, doping & inspecting every collar. - RU Perforators WLT & lubricator. RIH w/ 4.75" gauge ring to 4800'. RIH & perferate C sds @ 4761-65', GB4 sds @ 4086-88', 4082-84', 4065-67' w/ 16 gram Disposable guns, 3 spf for total of 30 shots. RD WLT. SIFN. - LD 60 joints extra tbg on trailer. Hand got wicker in left forearm from tbg. - Held safety meeting & discussed JSA's. TOO H w/ tbg breaking, doping & inspecting every collar. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$23,966

10/10/2012 Day: 3

Conversion

Summary Rig Activity

Nabors #1450 on 10/10/2012 - PU tools. TIH w/ work string. Break zones down. Prep location for frac. - Held safety meeting & discussed JSA's & location hazards. RU 5-1/2" "HD" RBP, ON/OFF tool, 4' x 2-3/8" pup joint, "TS" PKR, 1 jt tbg, SN. - Tally, Drift & PU N-80 work string off trailer (151 jts ttl). - Set RBP @ 4110'. Set pkr @ 4015'. Took 23 bbls to fill tbg. Took 60 bbls to fill annulus. break down GB4 sds @ 3500 psi back to 1500 psi @ 3/4 bpm. Release tools & PU 23 jts to Set RBP @ 4800'. Set pkr @ 4775'. Test RBP to 4000 psi. Release pkr & re-set @ 4718' (149 jts tbg). C sds broke @ 4400 psi back to 1500 psi @ 1/4 bpm. - RD Hot Oiler. RU 2-7/8" frac vlve. SIFN. Well ready for frac. - Held safety meeting & discussed JSA's & location hazards. RU 5-1/2" "HD" RBP, ON/OFF tool, 4' x 2-3/8" pup joint, "TS" PKR, 1 jt tbg, SN. - Tally, Drift & PU N-80 work string off trailer (151 jts ttl). - Set RBP @ 4110'. Set pkr @ 4015'. Took 23 bbls to fill tbg. Took 60 bbls to fill annulus. break down GB4 sds @ 3500 psi back to 1500 psi @ 3/4 bpm. Release tools & PU 23 jts to Set RBP @ 4800'. Set pkr @ 4775'. Test RBP to 4000 psi. Release pkr & re-set @ 4718' (149 jts tbg). C sds broke @ 4400 psi back to 1500 psi @ 1/4 bpm. - RD Hot Oiler. RU 2-7/8" frac vlve. SIFN. Well ready for frac. - Held safety meeting & discussed JSA's & location hazards. RU 5-1/2" "HD" RBP, ON/OFF tool, 4' x 2-3/8" pup joint, "TS" PKR, 1 jt tbg, SN. - Tally, Drift & PU N-80 work string off trailer (151 jts ttl). - Set RBP @ 4110'. Set pkr @ 4015'. Took 23 bbls to fill tbg. Took 60 bbls to fill annulus. break down GB4 sds @ 3500 psi back to 1500 psi @ 3/4 bpm. Release tools & PU 23 jts to Set RBP @ 4800'. Set pkr @ 4775'. Test RBP to 4000 psi. Release pkr & re-set @ 4718' (149 jts tbg). C sds broke @ 4400 psi back to 1500 psi @ 1/4 bpm. - RD Hot Oiler. RU 2-7/8" frac vlve. SIFN. Well ready for frac. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$30,699

10/11/2012 Day: 4
Conversion

Nabors #1450 on 10/11/2012 - Wait on frac crew. RU Baker Hughes. Frac C sds. Flow well back. Move tools. - Open unloader & circulate tbg clean (60 bbls). Release pkr. RD frac valve. TIH w/ tbg to tag no new sand. C/O to plug @ 4800'. Release plug. TOOH w/ tbg & reset plug @ 4110'. TOOH w/ tbg to leave pkr hang @ 4021'. SIFN. - Held safety meeting & discussed job & location hazards. RU frac valve. Set Pkr @ 4715' w/ RBP @ 4800'. Fill casing w/75 bbls fluid. Held 200 psi during frac. MIRU Baker Hughes frac crew. - Test lines to 8500 psi. Open well w/ 0 psi on casing. Perfs broke n@ 2703 psi back to 2703 psi w/ 38 bbls @ 3 bpm. Pump 250 gal of 15% HCL acid @ 2910 psi @ 7.5 bpm. Lost 800 psi when acid hit perfs. Frac @ ave pressure of 4900 psi @ 20 bpm. Frac w/ 32,336#'s of 20/40 sds in 437 bbls of Lightning 17 frac fluid. ISIP was 2365 psi w/ .93FG. Max pressure was 6068 @ 21 bpm. RD Baker Hughes. - Held safety meeting & discussed job & location hazards. RU frac valve. Set Pkr @ 4715' w/ RBP @ 4800'. Fill casing w/75 bbls fluid. Held 200 psi during frac. MIRU Baker Hughes frac crew. - Flow well back on 20/64 choke then 30/64 choke for a total of 70 bbls rec'd. - Open unloader & circulate tbg clean (60 bbls). Release pkr. RD frac valve. TIH w/ tbg to tag no new sand. C/O to plug @ 4800'. Release plug. TOOH w/ tbg & reset plug @ 4110'. TOOH w/ tbg to leave pkr hang @ 4021'. SIFN. - Held safety meeting & discussed JSA's & location hazards. Wait on frac crew. - Open unloader & circulate tbg clean (60 bbls). Release pkr. RD frac valve. TIH w/ tbg to tag no new sand. C/O to plug @ 4800'. Release plug. TOOH w/ tbg & reset plug @ 4110'. TOOH w/ tbg to leave pkr hang @ 4021'. SIFN. - Held safety meeting & discussed JSA's & location hazards. Wait on frac crew. - Held safety meeting & discussed job & location hazards. RU frac valve. Set Pkr @ 4715' w/ RBP @ 4800'. Fill casing w/75 bbls fluid. Held 200 psi during frac. MIRU Baker Hughes frac crew. - Test lines to 8500 psi. Open well w/ 0 psi on casing. Perfs broke n@ 2703 psi back to 2703 psi w/ 38 bbls @ 3 bpm. Pump 250 gal of 15% HCL acid @ 2910 psi @ 7.5 bpm. Lost 800 psi when acid hit perfs. Frac @ ave pressure of 4900 psi @ 20 bpm. Frac w/ 32,336#'s of 20/40 sds in 437 bbls of Lightning 17 frac fluid. ISIP was 2365 psi w/ .93FG. Max pressure was 6068 @ 21 bpm. RD Baker Hughes. - Held safety meeting & discussed JSA's & location hazards. Wait on frac crew. - Flow well back on 20/64 choke then 30/64 choke for a total of 70 bbls rec'd. - Test lines to 8500 psi. Open well w/ 0 psi on casing. Perfs broke n@ 2703 psi back to 2703 psi w/ 38 bbls @ 3 bpm. Pump 250

gal of 15% HCL acid @ 2910 psi @ 7.5 bpm. Lost 800 psi when acid hit perfs. Frac @ ave pressure of 4900 psi @ 20 bpm. Frac w/ 32,336#'s of 20/40 sds in 437 bbls of Lightning 17 frac fluid. ISIP was 2365 psi w/ .93FG. Max pressure was 6068 @ 21 bpm. RD Baker Hughes.
- Flow well back on 20/64 choke then 30/64 choke for a total of 70 bbls rec'd.

Daily Cost: \$0

Cumulative Cost: \$76,507

10/12/2012 Day: 5

Conversion

Nabors #1450 on 10/12/2012 - Finish frac. Flow well back. LD work string. - Rig electric problem. - LD 20 jts on trailer. - Hot Oiler flush tbg w/ 30 bbls. - Open unloader & circulate tbg clean (60 bbls). Release pkr. RD frac valve. TIH w/ tbg to tag 15' new sand. C/O to plug @ 4110'. Release plug. - Flow well back on 20/64 choke then 30/64 choke for a total of 90 bbls rec'd. - Test lines to 8500 psi. Open well w/ 79 psi on casing. Perfs broke @ 2786 psi back to 2200 psi w/ 2 bbls @ 3 bpm. Pump 250 gal of 15% HCL acid @ 2768 psi @ 7.5 bpm. Lost 800 psi when acid hit perfs. Frac @ ave pressure of 4477 psi @ 20 bpm. Frac w/ 30,940#'s of 20/40 sds in 363 bbls of Lightning 17 frac fluid. ISIP was 1485 psi w/ .80FG. Max pressure was 5487 @ 21 bpm. RD Baker Hughes. - Held safety meeting & discussed job & location hazards. RU frac valve. Set Pkr @ 4021' w/ RBP @ 4110'. Fill casing w/30 bbls fluid. Held 200 psi during frac. RU Baker Hughes frac crew. - Held safety meeting & discussed JSA's & location hazards. Wait on frac crew. - Rig electric problem. - LD 20 jts on trailer. - Hot Oiler flush tbg w/ 30 bbls. - Open unloader & circulate tbg clean (60 bbls). Release pkr. RD frac valve. TIH w/ tbg to tag 15' new sand. C/O to plug @ 4110'. Release plug. - Flow well back on 20/64 choke then 30/64 choke for a total of 90 bbls rec'd. - Test lines to 8500 psi. Open well w/ 79 psi on casing. Perfs broke @ 2786 psi back to 2200 psi w/ 2 bbls @ 3 bpm. Pump 250 gal of 15% HCL acid @ 2768 psi @ 7.5 bpm. Lost 800 psi when acid hit perfs. Frac @ ave pressure of 4477 psi @ 20 bpm. Frac w/ 30,940#'s of 20/40 sds in 363 bbls of Lightning 17 frac fluid. ISIP was 1485 psi w/ .80FG. Max pressure was 5487 @ 21 bpm. RD Baker Hughes. - Held safety meeting & discussed job & location hazards. RU frac valve. Set Pkr @ 4021' w/ RBP @ 4110'. Fill casing w/30 bbls fluid. Held 200 psi during frac. RU Baker Hughes frac crew. - Held safety meeting & discussed JSA's & location hazards. Wait on frac crew. - Rig electric problem. - LD 20 jts on trailer. - Hot Oiler flush tbg w/ 30 bbls. - Open unloader & circulate tbg clean (60 bbls). Release pkr. RD frac valve. TIH w/ tbg to tag 15' new sand. C/O to plug @ 4110'. Release plug. - Flow well back on 20/64 choke then 30/64 choke for a total of 90 bbls rec'd. - Test lines to 8500 psi. Open well w/ 79 psi on casing. Perfs broke @ 2786 psi back to 2200 psi w/ 2 bbls @ 3 bpm. Pump 250 gal of 15% HCL acid @ 2768 psi @ 7.5 bpm. Lost 800 psi when acid hit perfs. Frac @ ave pressure of 4477 psi @ 20 bpm. Frac w/ 30,940#'s of 20/40 sds in 363 bbls of Lightning 17 frac fluid. ISIP was 1485 psi w/ .80FG. Max pressure was 5487 @ 21 bpm. RD Baker Hughes. - Held safety meeting & discussed job & location hazards. RU frac valve. Set Pkr @ 4021' w/ RBP @ 4110'. Fill casing w/30 bbls fluid. Held 200 psi during frac. RU Baker Hughes frac crew. - Held safety meeting & discussed JSA's & location hazards. Wait on frac crew. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$142,771

10/15/2012 Day: 6

Conversion

Nabors #1450 on 10/15/2012 - Continue LD work string, LD tools. RU pkr assembly. TIH w/ tbg. Drop STD. Test tbg. Fish STD. RD BOP's. Pump pkr fluid. Set pkr. Test casing. - Pump 55 bbls packer fluid. Set pkr @ 3997' w/ CE @ 4000' in 15,000#'s tension. RU Wellhead valve. Pressure casing to 1400 psi w/ 11 bbls packer fluid. Leave pressure over night. - LD tools. RU 2-7/8" XN nipple, 4' x 2-73/8" pup jt, 5-1/2" x2-7/8" Arrow Set 1 pkr, On/Off tool, 2-7/8" SN. - TIH w/ 126 jts tbg. - Held safety meeting discussed JSA's & location hazards. TOOH w/ work string ID on trailer. Jts out RU hot oiler & flush w/ bbls fluid. - Hang tbg on donut w/ 6' pup jt.

RD BOP's. - RU sand line & retrieve Stdv. RD sand line. - Pump 15 bbls fluid down tbg. Drop Stdv. Test tbg to 3000 psi in 2 attempts. - TIH w/ 126 jts tbg. - LD tools. RU 2-7/8" XN nipple, 4' x 2-7/8" pup jt, 5-1/2" x2-7/8" Arrow Set 1 pkr, On/Off tool, 2-7/8" SN. - Held safety meeting discussed JSA's & location hazards. TOOH w/ work string ID on trailer. Jts out RU hot oiler & flush w/ bbls fluid. - Pump 55 bbls packer fluid. Set pkr @ 3997' w/ CE @ 4000' in 15,000#'s tension. RU Wellhead valve. Pressure casing to 1400 psi w/ 11 bbls packer fluid. Leave pressure over night. - Hang tbg on donut w/ 6' pup jt. RD BOP's. - RU sand line & retrieve Stdv. RD sand line. - Pump 15 bbls fluid down tbg. Drop Stdv. Test tbg to 3000 psi in 2 attempts. - TIH w/ 126 jts tbg. - LD tools. RU 2-7/8" XN nipple, 4' x 2-7/8" pup jt, 5-1/2" x2-7/8" Arrow Set 1 pkr, On/Off tool, 2-7/8" SN. - Held safety meeting discussed JSA's & location hazards. TOOH w/ work string ID on trailer. Jts out RU hot oiler & flush w/ bbls fluid. - Pump 55 bbls packer fluid. Set pkr @ 3997' w/ CE @ 4000' in 15,000#'s tension. RU Wellhead valve. Pressure casing to 1400 psi w/ 11 bbls packer fluid. Leave pressure over night. - Hang tbg on donut w/ 6' pup jt. RD BOP's. - RU sand line & retrieve Stdv. RD sand line. - Pump 15 bbls fluid down tbg. Drop Stdv. Test tbg to 3000 psi in 2 attempts.

Finalized**Daily Cost:** \$0**Cumulative Cost:** \$168,550**10/19/2012 Day: 7****Conversion**

Rigless on 10/19/2012 - Conduct initial MIT - On 10/17/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/18/2012 the casing was pressured up to 1230 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 525 psig during the test. There was not a State representative available to witness the test. - On 10/17/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/18/2012 the casing was pressured up to 1230 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 525 psig during the test. There was not a State representative available to witness the test. - On 10/17/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/18/2012 the casing was pressured up to 1230 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 525 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$241,884**Pertinent Files: Go to File List**

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-52018
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 15-17-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013330370000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0810 FSL 1961 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 17 Township: 09.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="Put on Injection"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/4/2012			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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

The above reference well was put on injection at 9:30 AM on 12/04/2012.

Accepted by the Utah Division of Oil, Gas and Mining

Date: December 12, 2012

By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 12/5/2012	

Spud Date: 08/18/06
 Put on Production: 10/13/06
 K.B.: 6000, G.L5988

Federal 15-17-9-16

Injection Wellbore Diagram

SURFACE CASING

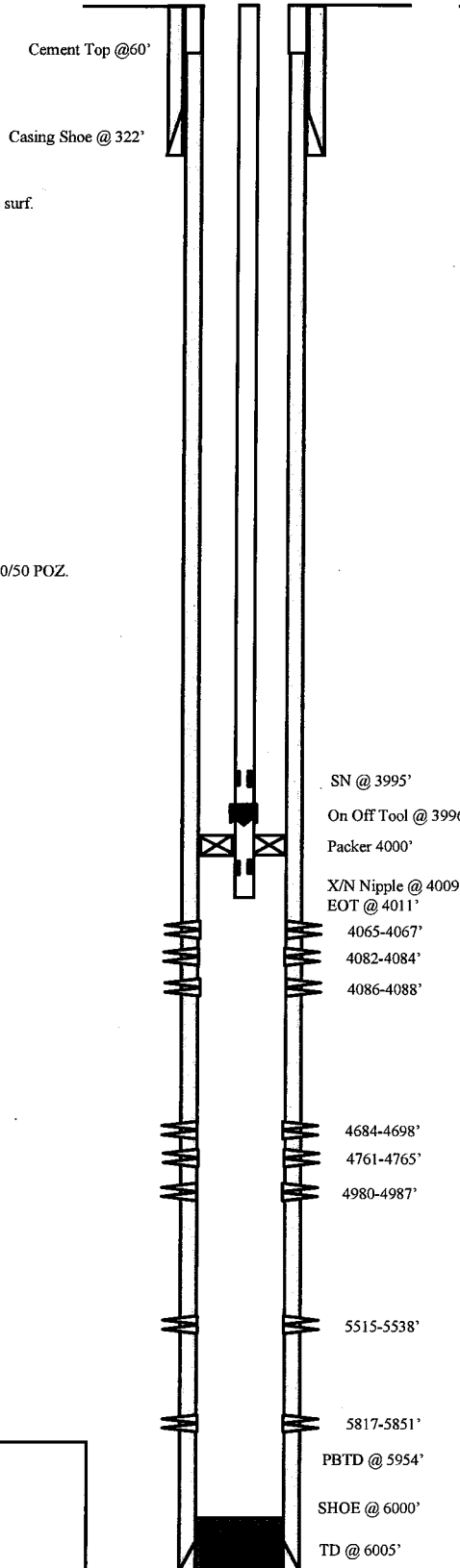
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (310.18')
 DEPTH LANDED: 322.03' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 136 jts. (5986.81')
 DEPTH LANDED: 6000.06' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP: 60'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 126 jts (3982.6')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 3994.6' KB
 ON/OFF TOOL AT: 3995.7'
 ARROW #1 PACKER CE AT: 4000'
 XO 2-3/8 x 2-7/8 J-55 AT: 4004.7'
 TBG PUP 2-3/8 J-55 AT: 4005.2'
 X/N NIPPLE AT: 4009.4'
 TOTAL STRING LENGTH: EOT @ 4011'



FRAC JOB

10/10/06 5817-5851' **Frac CP5 sands as follows:**
 89648# 20/40 sand in 681 bbls Lightning 17 frac fluid. Treated @ avg press of 1910 psi w/avg rate 25.3 BPM. ISIP 2250 psi. Calc flush: 5849 gal. Actual flush: 5309 gal.

10/10/06 5515-5538' **Frac CP1 sands as follows:**
 60364# 20/40 sand in 493 bbls Lightning 17 frac fluid. Treated @ avg press of 1727 psi w/avg rate of 25.1 BPM. ISIP 2120 psi. Calc flush: 5536 gal. Actual flush: 4998 gal.

10/11/06 4980-4987' **Frac A.5 sands as follows:**
 29934# 20/40 sand 393 bbls Lightning 17 frac fluid. Treated @ avg press of 2320 psi w/avg rate of 25 BPM. ISIP 2500 psi. Calc flush: 4985 gal. Actual flush: 4473 gal.

10/11/06 4684-4698' **Frac D3 sands as follows:**
 87753# 20/40 sand in 610 bbls Lightning 17 frac fluid. Treated @ avg press of 1960 psi w/avg rate of 25 BPM. ISIP 2250 psi. Calc flush: 4696 gal. Actual flush: 4578 gal.

11/30/06 **Pump Change-** Updated rod and tubing detail
 05/02/08 **Stuck Pump** - Tubing detail updated.
 3/19/10 **Pump change.** Updated rod and tubing detail.
 11/24/2011 **Pump Change.** Updated rod & tubing detail.

10/11/12 4761-4765' **Frac C sands as follows:** 32336# 20/40 sand in 409 bbls Lightning 17 frac fluid.

10/12/12 4065-4088' **Frac GB4 sands as follows:** 30940# 20/40 sand in 340 bbls Lightning 17 frac fluid.

10/15/12 **Convert to Injection Well**
 10/18/12 **Conversion MIT Finalized** - update tbg detail

PERFORATION RECORD

Date	Interval	JSPF	Holes
10/05/06	5817-5851'	2 JSPF	68 holes
10/10/06	5515-5538'	4 JSPF	92 holes
10/11/06	4980-4987'	4 JSPF	28 holes
10/11/06	4684-4698'	4 JSPF	56 holes
10/09/12	4761-4765'	3 JSPF	12 holes
10/09/12	4086-4088'	3 JSPF	6 holes
10/09/12	4082-4084'	3 JSPF	6 holes
10/09/12	4065-4067'	3 JSPF	62 holes

NEWFIELD

Federal 15-17-9-16

810' FSL & 1961' FEL

SW/SE Section 17-T9S-R16E

Duchesne Co, Utah

API #43-013-33037; Lease #UTU-52018



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-395

Operator: Newfield Production Company
Well: Federal 15-17-9-16
Location: Section 17, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-33037
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on August 29, 2012.
2. Maximum Allowable Injection Pressure: 2,000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,918' – 5,954')
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

11/28/2012
Date

JR/MLR/js

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

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



Send Payments to:
 Uintah Basin Standard
 268 S 200 E
 Roosevelt, Utah 84066
 Phone: 435-722-5131
 Fax: 435-722-4140

Uintah Basin
Standard
 www.ubstandard.com
Express
 www.vernal.com

RECEIVED
 JUL 09 2012
 DIV. OF OIL, GAS & MINING
 Advertiser No. 2080

Invoice Number	32047	Invoice Date	6/26/2012
Invoice Amount	\$176.25	Due Date	7/26/2012

DIVISION OF OIL GAS & MINING
 Rose Nolton
 1594 W. N. TEMPLE STE 121
 PO BOX 145801
 SALT LAKE CITY, UT 84114-5801

1 1/2% fee will be charged to all past due balances.

Amount Enclosed

Please detach top portion and return with your payment

INVOICE

Uintah Basin Standard		DIVISION OF OIL GAS & MINING			Invoice No. 32047	6/26/2012
Date	Order	Description	Ad Size	SubTotal	Sales Tax	Amount
6/26/2012	16065 UBS	UBS Legal Notice: Not of Agcy Actn: Cause No. UIC-395 Pub. June 26, 2012				\$176.25
					Sub Total:	\$176.25
Total Transactions: 1					Total:	\$176.25

SUMMARY Advertiser No. 2080 Invoice No. 32047

1 1/2% fee will be charged to all past due balances.

Thank You for your business!

Thank you for advertising with us, we appreciate your business!

43 013 33037
 Federal 15-17-9-16
 95 16E 17

WTC 395

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 26 day of June, 2012, and that the last publication of such notice was in the issue of such newspaper dated the 26 day of June, 2012, 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.

Kevin Ashby

Publisher

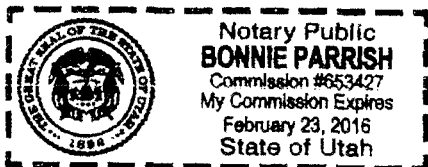
Subscribed and sworn to before me on this

5 day of July, 2012

by Kevin Ashby.

Bonnie Parrish

Notary Public



Beginning at a point
which bears 49.50 feet
North 00°47'28" West
along the West line of
the Northwest Quarter
of said Section 28,
Corner of the North-
west Quarter of the
Southwest Quarter of
said Section 28, and
running thence North
0°47'28" West 511.57
feet, along the West
line of the Northwest
Quarter of the South-
west Quarter of said
Section 28; thence
North 89°20'46" East
702.11 feet, parallel
to the South line of
said Section 28, and
or interven-
ants and/or interven-
demonstrate at the
how this matter
affects their interests.
Dated this 20th day
of June, 2012.
STATE OF UTAH
DIVISION OF OIL,
GAS & MINING
/s/
Brad Hill
Permitting Manager
Published in the
Uintah Basin Standard
June 26, 2012.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-52018
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 15-17-9-16	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013330370000	
3. ADDRESS OF OPERATOR: 4 WATERWAY SQUARE PL STE 100 , THE WOODLANDS, TX, 77380	PHONE NUMBER: 435-646-4802	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 810 FSL 1961 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 17 Township: 9S Range: 16E 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 type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/21/2017	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input 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 type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input 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 type="text" value="5 YR MIT"/>
<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. On 09/18/2017 Mark Reinbold with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 09/21/2017 the casing was pressured up to 1100 psig and charted for 15 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 558 psig during the test. There was a State representative available to witness the test - Mark Reinbold.		
		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 26, 2017
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Field Production Assistant
SIGNATURE N/A	DATE 9/25/2017	

Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: Mark Reinbold Date 9/21/17 Time 11:39 am pm

Test Conducted by: INAKI LASA

Others Present: _____

5 YEAR MIT

Well: FEDERAL 15-17-9-16 SW/SE SEC 17, T9S, R16E UTU-52012 UTU 81538X	Field: Monument Butte
Well Location: Duchesne COUNTY, UTAH	API No: 4301333037

S/I PER-ENGINEER

Time	Casing Pressure
0 min	<u>1,100</u> psig
5	<u>1,100</u> psig
10	<u>1,100</u> psig
15	<u>1,100</u> psig
20	_____ psig
25	_____ psig
30 min	_____ psig
35	_____ psig
40	_____ psig
45	_____ psig
50	_____ psig
55	_____ psig
60 min	_____ psig

Tubing pressure: 558 psig

Result: Pass Fail

Signature of Witness:

Mark L Reinbold

Signature of Person Conducting Test:

Inaki Laso

Division of Oil, Gas and Mining
 Operator Change/Name Change Worksheet-for State use only

Effective Date: 1/24/2020

FORMER OPERATOR: Newfield Production Company	NEW OPERATOR: Ovintiv Production, Inc.
Groups: Greater Monument Butte	

WELL INFORMATION:

Well Name	API Number	Town	Dir	Range	Dir	Sec	Entity Number	Type	Status
See Attached List									

Total Well Count: 4704

OPERATOR CHANGES DOCUMENTATION:

- Sundry or legal documentation was received from the **FORMER** operator on: 3/16/2020
- Sundry or legal documentation was received from the **NEW** operator on: 3/16/2020
- New operator Division of Corporations Business Number: 755627-0143

REVIEW:

- Receipt of Acceptance of Drilling Procedures for APD on: 9/2/2020
- Reports current for Production/Disposition & Sundries: 1/14/2021
- OPS/SI/TA well(s) reviewed for full cost bonding: Approved by Dustin 12/21/2020
- UIC5 on all disposal/injection/storage well(s) Approved on: Approved by Dayne 3/25/2020

Surface Facility(s) included in operator change:

- State 11-32 Pipeline
- Monument Butte St 10-36
- GB Fed 13-20-8-17
- Canvasback Fed 1-22-8-17
- Ashley Fed 8-14-9-15 Pipeline
- West Lateral 4C Slug Catcher (2-5-3-3)
- West Lateral Phase 5 Slug Catcher
- Bar F Slug Catcher
- Dart Slug Catcher
- Mullins Slug Catcher
- Temporary Produced Water Conditioning Site
- Dart Temporary Produced Water Facility
- Earl Temporary Water Treatment Facility

NEW OPERATOR BOND VERIFICATION:

State/fee well(s) covered by Bond Number(s): B001834.A
 107238142-Shut-In Bond

DATA ENTRY:

Well(s) update in the RBDMS on: 1/14/2021

Group(s) update in RDBMS on: 1/14/2021

Surface Facilities update in RBDMS on: 1/14/2021

Entities Updated in RBDMS on:

COMMENTS:

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
see attached list

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
see attached

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.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
see attached

2. NAME OF OPERATOR:
Newfield Production Company

9. API NUMBER:
attached

3. ADDRESS OF OPERATOR:
4 Waterway Square Place St. CITY The Woodlands STATE TX ZIP 77380

PHONE NUMBER:
(435) 646-4936

10. FIELD AND POOL, OR WILDCAT:
attached

4. LOCATION OF WELL
FOOTAGES AT SURFACE: COUNTY:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: **UTAH**

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

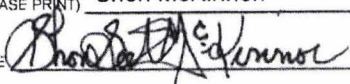
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER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

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

This sundry is serve as notification of the formal corporate name change of Newfield Production Company to Ovintiv Production Inc. Attached is a list of all wells wells that will be operated under Ovintiv Production Inc effective January 24, 2020.

PREVIOUS NAME:
Newfield Producion Company
4 Waterway Square Place Suite 100
The Woodlands, TX 77380
(435)646-4825

NEW NAME:
Ovintiv Production Inc.
4 Waterway Square Place Suite 100
The Woodlands, TX 77380
(435)646-4825

NAME (PLEASE PRINT) Shon McKinnon TITLE Regulatory Manager, Rockies
SIGNATURE  DATE 3/16/2020

(This space for State use only)

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached list
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: see attached
1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: Newfield Production Company		8. WELL NAME and NUMBER: see attached
3. ADDRESS OF OPERATOR: 4 Waterway Square Place SU CITY The Woodlands STATE TX ZIP 77380		9. API NUMBER: attached
4. LOCATION OF WELL		10. FIELD AND POOL, OR WILDCAT: attached
FOOTAGES AT SURFACE: _____ COUNTY: _____		
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: UTAH		

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

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

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

This sundry is serve as notification of the formal corporate name change of Newfield Production Company to Ovintiv Production Inc. Attached is a list of all wells wells that will be operated under Ovintiv Production Inc effective January 24, 2020.

PREVIOUS NAME:
Newfield Production Company
4 Waterway Square Place Suite 100
The Woodlands, TX 77380
(435)646-4825

NEW NAME:
Ovintiv Production Inc.
4 Waterway Square Place Suite 100
The Woodlands, TX 77380
(435)646-4825

NAME (PLEASE PRINT) <u>Shon McKinnon</u>	TITLE <u>Regulatory Manager, Rockies</u>
SIGNATURE	DATE <u>3/16/2020</u>

(This space for State use only)



TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See attached list	API Number Attached
Location of Well	Field or Unit Name See Attached
Footage : County :	Lease Designation and Number See Attached
QQ, Section, Township, Range: State : UTAH	

EFFECTIVE DATE OF TRANSFER: 1/24/2020

CURRENT OPERATOR

Company: <u>Newfield Production Company</u>	Name: <u>Shon McKinnon</u>
Address: <u>4 Waterway Square Place, Suite 100</u>	Signature:
<u>city The Woodlands state TX zip 77380</u>	Title: <u>Regulatory Manager, Rockies</u>
Phone: <u>(435) 646-4825</u>	Date: <u>3/18/2020</u>
Comments:	

NEW OPERATOR

Company: <u>Ovintiv Production, Inc</u>	Name: <u>Shon McKinnon</u>
Address: <u>4 Waterway Square Place, Suite 100</u>	Signature:
<u>city The Woodlands state TX zip 77380</u>	Title: <u>Regulatory Manager, Rockies</u>
Phone: <u>(435) 646-4825</u>	Date: <u>3/18/2020</u>
Comments:	

(This space for State use only)

Approved by the
Utah Division of
Oil, Gas and Mining

Mar 25, 2020

EPA approval required

Max Inj. Press.
Max Inj. Rate
Perm. Inj. Interval
Packer Depth
Next MIT Due

Effective Date: 7/1/2021

FORMER OPERATOR: Ovintiv Production, Inc.	NEW OPERATOR: Ovintiv USA, Inc.
Groups: Greater Monument Butte	

WELL INFORMATION:

Well Name	API Number	Town	Dir	Range	Dir	Sec	Entity Number	Type	Status
See Attached List									

Total Well Count: 4689
 Pre-Notice Completed: 9/22/2021

OPERATOR CHANGES DOCUMENTATION:

- Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2021
- Sundry or legal documentation was received from the **NEW** operator on: 9/15/2021
- New operator Division of Corporations Business Number: 5053175-0143

REVIEW:

- Receipt of Acceptance of Drilling Procedures for APD on: 9/15/2021
- Reports current for Production/Disposition & Sundries: 9/22/2021
- OPS/SI/TA well(s) reviewed for full cost bonding: Approved by Dustin 10/25/2021
- UIC5 on all disposal/injection/storage well(s) Approved on: Approved by Dayne 10/4/2021
- Surface Facility(s) included in operator change:

- Monument Butte Liq. Cond.
- Pleasant Valley (New)
- West Lateral 4C Slug Catcher (2-5-3-3)
- West Lateral Phase 5 Slug Catcher
- Bar F Slug Catcher
- Dart Slug Catcher
- Mullins Slug Catcher
- Ashley
- Sundance
- Ranch
- Pleasant Valley
- Monument Butte
- Ashley Fed 8-14-9-15 Pipeline
- Ute Tribal 4-13-4-2W Pipeline
- State 11-32 Pipeline
- Monument Butte St 10-36
- GB Fed 13-20-8-17
- Canvasback Fed 1-22-8-17

NEW OPERATOR BOND VERIFICATION:

State/fee well(s) covered by Bond Number(s): B001834-B
 107238142A

DATA ENTRY:

Well(s) update in the RBDMS on: 11/24/2021

Group(s) update in RDBMS on: 11/21/2021

Surface Facilities update in RBDMS on: 11/24/2021

Entities Updated in RBDMS on: 11/24/2021

COMMENTS:

9/22/2021, Since the Newfield to Ovintiv operator change was processed at the beginning of 2021, Name change will only need to match the existing bonds in place under Ovintiv Production, Inc; no additional bond will be required at this time.

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

See attached list

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:

2. NAME OF OPERATOR:
Ovintiv Production, Inc.

9. API NUMBER:

3. ADDRESS OF OPERATOR:
4 Waterway SQ PL STE 100 CITY The Woodlands STATE TX ZIP 77380

PHONE NUMBER:
(281) 210-5100

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 7/1/2021	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

This sundry is to serve as notification that Ovintiv Production Inc. merged into Ovintiv USA Inc. Attached is a list of all wells that will be operated under Ovintiv USA Inc. effect July 1, 2021.

PREVIOUS NAME:
Ovintiv Production Inc.
4 Waterway Square Place Suite 100
The Woodlands, TX 77380
(281) 210-5100

NEW NAME:
Ovintiv USA Inc.
4 Waterway Square Place Suite 100
The Woodlands, TX 77380
(281) 210-5100

NAME (PLEASE PRINT) Julia Carter

TITLE Manager, US Regulatory Operations

SIGNATURE *Julia M Carter*

DATE 9/8/2021

(This space for State use only)

APPROVED

By Utah Division of
Oil, Gas, and Mining

Rachel Medina



TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See attached list	API Number Attached
Location of Well	Field or Unit Name See Attached
Footage :	County :
QQ, Section, Township, Range:	State : UTAH
	Lease Designation and Number See Attached

EFFECTIVE DATE OF TRANSFER: 7/1/2021

CURRENT OPERATOR

Company: <u>Ovintiv Production, Inc.</u>	Name: <u>Julia Carter</u>
Address: <u>4 Waterway Square Place, Suite 100</u>	Signature: <u><i>Julia M. Carter</i></u>
<u>city The Woodlands state TX zip 77380</u>	Title: <u>Manager, US Regulatory Operations</u>
Phone: <u>(281) 210-5100</u>	Date: <u>9/8/2021</u>
Comments:	

NEW OPERATOR

Company: <u>Ovintiv USA Inc.</u>	Name: <u>Julia Carter</u>
Address: <u>4 Waterway Square Place Suite 100</u>	Signature: <u><i>Julia M. Carter</i></u>
<u>city The Woodlands state TX zip 77380</u>	Title: <u>Manager, US Regulatory Operations</u>
Phone: <u>(281) 210-5100</u>	Date: <u>9/8/2021</u>
Comments:	

(This space for State use only) Approved by the
Utah Division of
Oil, Gas and Mining

[Signature]
Oct 04, 2021

EPA approval required

Max Inj. Press.
Max Inj. Rate
Perm. Inj. Interval
Packer Depth
Next MIT Due

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-52018
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 TRIBAL, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: Greater Monument Butte
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: Federal 15-17-9-16	
2. NAME OF OPERATOR: Ovintiv USA, Inc.	9. API NUMBER: 43013330370000	
3. ADDRESS OF OPERATOR: 4 Waterway Square Place, Suite 100 , The Woodlands , TX, 77380	PHONE NUMBER:	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 810 FSL 1961 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 17 Township: 9S Range: 16E 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 type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/27/2022	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input 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	<input type="checkbox"/> SPUD REPORT Date of Spud:
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input type="text" value="MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. A 5 YR MIT was performed on the above listed well. On 07/27/2022 the casing was pressured up to 1531 PSIG and charted for 20 minutes with no pressure loss. The tubing pressure was 1239 PSIG during the test. State Representative, Dal Gray, was present to witness the test.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY (This is not an approval) August 11, 2022		
NAME (PLEASE PRINT) Teresa Robbins	PHONE NUMBER 435-646-4886	TITLE Warehouse Lead
SIGNATURE N/A	DATE 8/1/2022	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

Ovintiv
Rt 3 Box 3630
Myton, UT 84052
435.646.3721

Witness: Paul Gray Date: 7-27-2022 Time: 10:38 am pm
 Test Conducted By: DEAN CASPER
 Others Present: _____

Well Name: <u>Federal 15-17-9-16</u>	
Field: <u>Monument Butte</u>	County: <u>Duchesne</u> State: <u>UT</u>
Location: <u>15</u> Sec: <u>17</u> T <u>9</u> N <input checked="" type="radio"/> R <u>16</u> <input checked="" type="radio"/> W	
Operator: <u>Ovintiv</u>	
Last MIT: <u>/ /</u>	Maximum Allowable Pressure: <u>2000</u> psig

Is this a regulary scheduled test? Yes { } No
 Initial Test for Permit? { } Yes No
 Test after well rework? { } Yes No
 Well injection during test? { } Yes No If Yes, rate: 0 bpd

Pre-test casing / tubing annulus pressure: 0 / 2000 psig

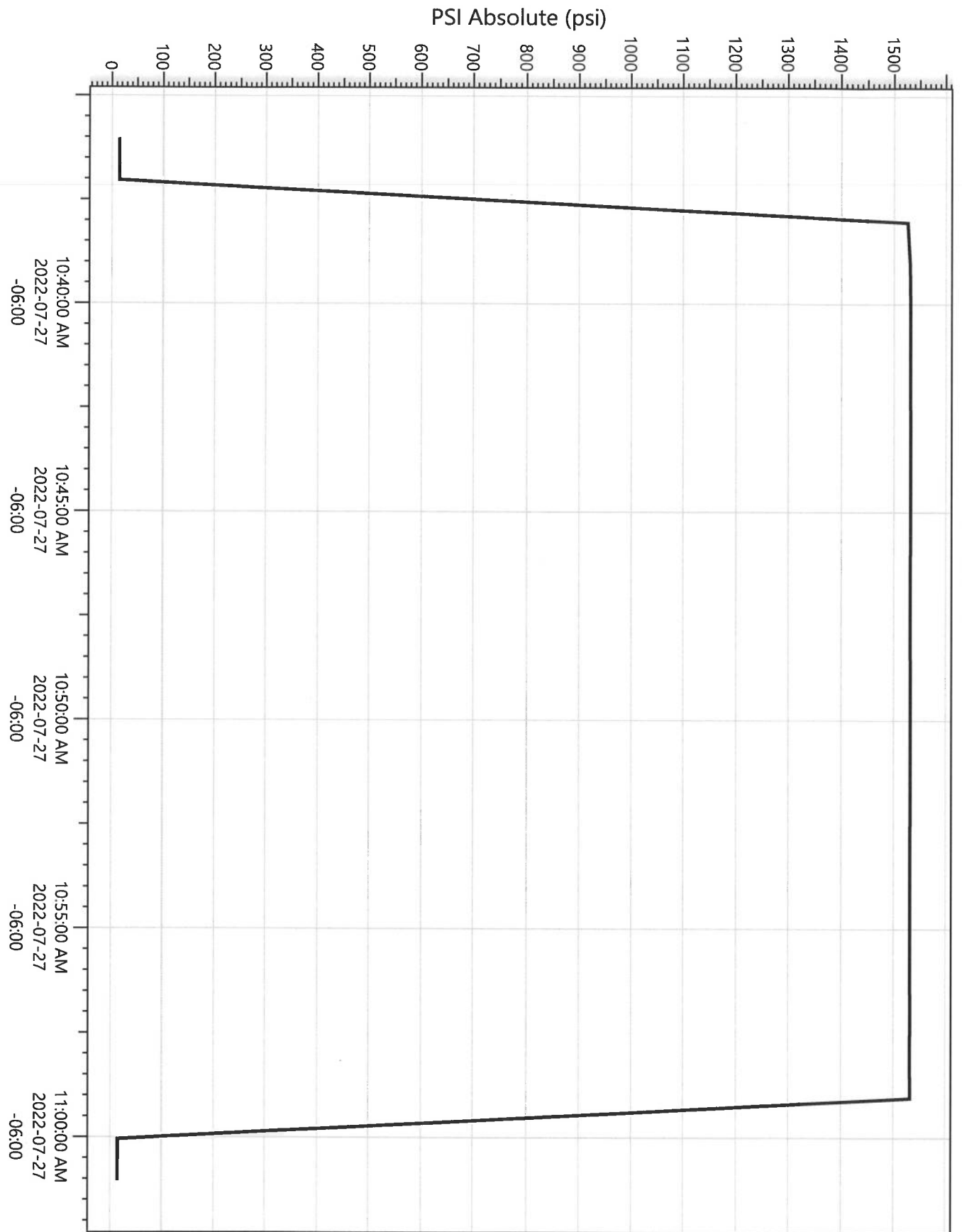
MIT DATA TABLE		Test #1	Test #2
TUBING PRESSURE			
Initial Pressure		<u>1289</u> psig	psig
End of test pressure		<u>1238</u> psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes		<u>1526</u> psig	psig
5 minutes		<u>1531</u> psig	psig
10 minutes		<u>1531</u> psig	psig
15 minutes		<u>1531</u> psig	psig
20 minutes		<u>1531</u> psig	psig
25 minutes		psig	psig
30 minutes		psig	psig
_____ minutes		psig	psig
_____ minutes		psig	psig
RESULT	<input checked="" type="checkbox"/> Pass	{ } Fail	{ } Pass { } Fail

Does the annulus pressure build back up after test? { } Yes No

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: [Signature]
 Signature of Person Conducting Test: [Signature]

Federal 15-17-9-16
2022-07-27 10:36:00 AM



Legend
P23429
/ Pressure

Effective Date: 9/1/2022

FORMER OPERATOR:	NEW OPERATOR:
Ovintiv USA, Inc.	Scout Energy Management, LLC
Groups:	

WELL INFORMATION:

Well Name	API Number	Town	Dir	Range	Dir	Sec	Entity Number	Type	Status
See Attached List									

Total Well Count: 2888

Pre-Notice Completed: 10/19/2022

OPERATOR CHANGES DOCUMENTATION:

- Sundry or legal documentation was received from the **FORMER** operator on: 9/26/2022
- Sundry or legal documentation was received from the **NEW** operator on: 9/26/2022
- New operator Division of Corporations Business Number: 12607016-0161

REVIEW:

- Receipt of Acceptance of Drilling Procedures for APD on: 11/15/2022
- Reports current for Production/Disposition & Sundries: 10/19/2022
- OPS/SI/TA well(s) reviewed for full cost bonding: Approved by Dustin 10/11/2022
- UIC5 on all disposal/injection/storage well(s) Approved on: Approved by Orlan 12/15/2022
- Surface Facility(s) included in operator change: 10/19/2022

NEW OPERATOR BOND VERIFICATION:

State/fee well(s) covered by Bond Number(s):
 612402641-Blanket Bond
 612402460-Full-Cost Shut-In Bond

DATA ENTRY:

Well(s) update in the RBDMS on: 12/20/2022 and 1/25/2023

Group(s) update in RDBMS on: 12/20/2022

Surface Facilities update in RBDMS on: NA

Entities Updated in RBDMS on: 1/25/2023

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: See attached Exhibit A
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: None - N/A
		7. UNIT or CA AGREEMENT NAME: Greater Monument Butte Unit
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: See attached Exhibit A	
2. NAME OF OPERATOR: Scout Energy Management, LLC		9. API NUMBER: Attached
3. ADDRESS OF OPERATOR: 13800 Montfort Road, Suite 1 <small>CITY</small> Dallas <small>STATE</small> TX <small>ZIP</small> 75240	PHONE NUMBER: (972) 325-1096	10. FIELD AND POOL, OR WILDCAT: See attached Exhibit A
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached Exhibit A		COUNTY: _____
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		STATE: UTAH

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

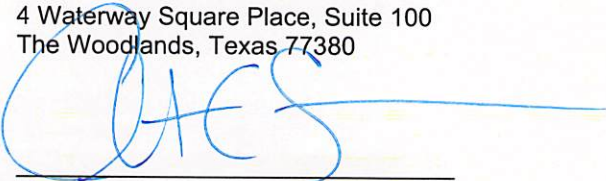
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>9/1/2022</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

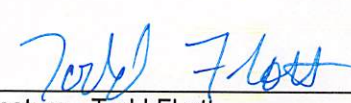
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

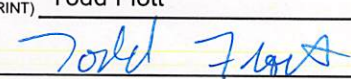
Please consider this sundry as notification of the transfer of operatorship of the wells listed on the attached exhibit from Ovintiv USA Inc. to Scout Energy Management, LLC effective September 1, 2022.

PREVIOUS OPERATOR:
Ovintiv USA Inc.
4 Waterway Square Place, Suite 100
The Woodlands, Texas 77380

NEW OPERATOR:
Scout Energy Management, LLC
13800 Montfort Road, Suite 100
Dallas, TX 75240


Signature - Christian C. Sizemore
Director, Rockies and Land Innovation
State/Fee Bond #105189977
BLM Bond #105073466


Signature - Todd Flott
Managing Director
State/Fee Bond #612402460 / #61242461
BLM Bond #612402462

NAME (PLEASE PRINT) <u>Todd Flott</u>	TITLE <u>Managing Director</u>
SIGNATURE 	DATE <u>8/31/2022</u>

(This space for State use only)

APPROVED
By Rachel Medina at 10:58 am, Dec 21, 2022



TRANSFER OF AUTHORITY TO INJECT

Well Name and Number see attached list		API Number attached
Location of Well		Field or Unit Name see attached Exhibit A
Footage :	County : see attached	Lease Designation and Number see attached Exhibit A
QQ, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2022

CURRENT OPERATOR

Company: <u>Ovintiv USA Inc.</u>	Name: <u>Christian C. Sizemore</u>
Address: <u>4 Waterway Square Place, Suite 100</u>	Signature:
<u>city The Woodlands state TX zip 77380</u>	Title: <u>Director, Rockies and Land Innovation</u>
Phone: <u>281-210-5100</u>	Date: <u>11/16/2022</u>
Comments: UIC wells under UDOGM Jurisdiction	

NEW OPERATOR

Company: <u>Scout Energy Management LLC</u>	Name: <u>Jon Piot</u>
Address: <u>13800 Montford Road, Suite 100</u>	Signature:
<u>city Dallas state TX zip 75240</u>	Title: <u>Managing Director</u>
Phone: <u>972-325-1027</u>	Date: <u>11/15/2022</u>
Comments: Change of operator effective 9/1/2022	

(This space for State use only)

EPA approval required

- Max Inj. Press.
- Max Inj. Rate
- Perm. Inj. Interval
- Packer Depth
- Next MIT Due