

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

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-64379
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Federal 1-17-9-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33028
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/NE 660' FNL 660' FEL 573756 X 40.036326 At proposed prod. zone 4431937Y -110.135503		10. Field and Pool, or Exploratory/ Monument Butte 105
14. Distance in miles and direction from nearest town or post office* Approximatley 15.4 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area NE/NE Sec. 17, T9S R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 660' f/ise, NA' f/unit	16. No. of Acres in lease 1626.36	12. County or Parish Duchesne
17. Spacing Unit dedicated to this well 40 Acres	13. State UT	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1134'	19. Proposed Depth 6075'	20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5878' GL	22. Approximate date work will start* 1st Quarter 2006	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 1/23/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 01-26-06
Title ENVIRONMENTAL SCIENTIST III		

Application approval does not warrant or certify 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)

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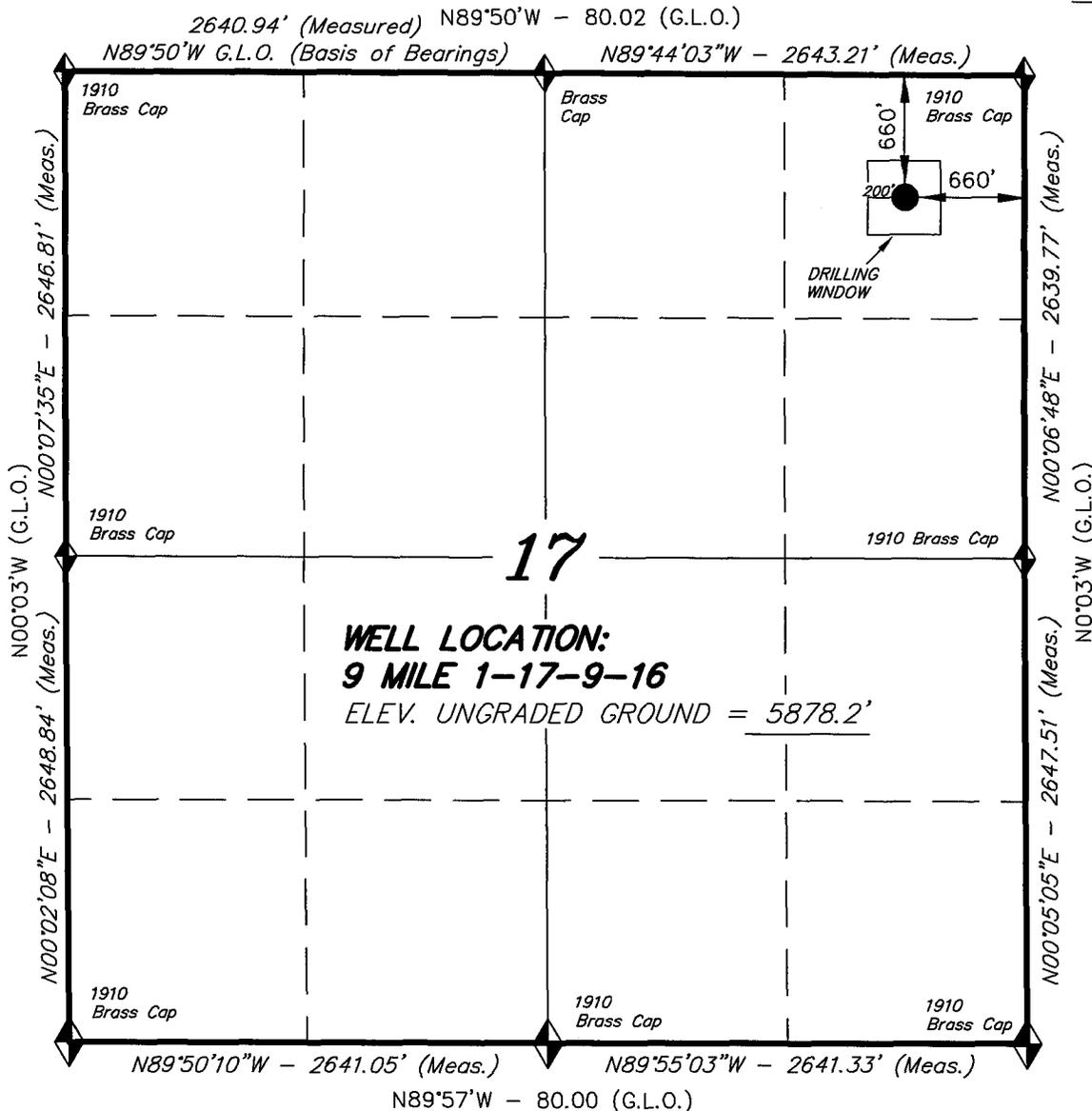
JAN 24 2006

DIV. OF OIL, GAS & MINERAL

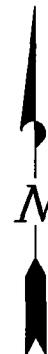
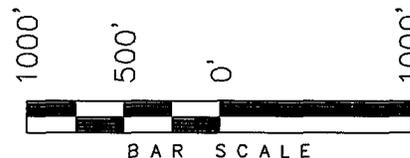
Federal Approval of this
Action is required

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

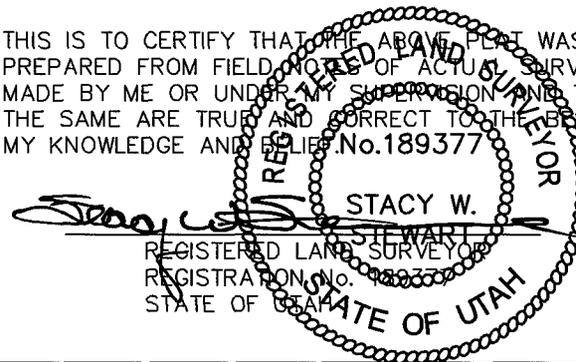
NEWFIELD PRODUCTION COMPANY



WELL LOCATION, 9 MILE 1-17-9-16,
 LOCATED AS SHOWN IN THE NE 1/4 NE
 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 1-17-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 02' 10.82"
 LONGITUDE = 110° 08' 10.04"

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: 12-27-05	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
FEDERAL #1-17-9-16
NE/NE 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' – 2635'
Green River	2635'
Wasatch	6075'

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

Green River Formation 2635' – 6075' - 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 #1-17-9-16
NE/NE 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 #1-17-9-16 located in the NE 1/4 NE 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 it's junction with an existing road to the southeast; proceed southeasterly - 1.5 miles \pm to it's junction with an existing road to the northeast; proceed northeasterly - 0.3 miles \pm to it's junction with the beginning of the proposed access road; proceed northeasterly along the proposed access road - 1.1 miles \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 #1-17-9-16 Newfield Production Company requests a 3560' ROW be granted in Lease UTU-52018 and 2090' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests a 3560' ROW be granted in Lease UTU-52018 and 2090' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed gas lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests a 5000' ROW be granted in Lease UTU-52018 and 2090' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

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

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

Threatened, Endangered, And Other Sensitive Species

Sage Grouse: If new construction or surface disturbing activities are scheduled to occur between March 1 and June 30, detailed surveys of the area within 0.5 mile of the proposed location must be conducted to detect the presence of sage grouse. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

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 #1-17-9-16 was on-sited on 11/3/05. The following were present; Shon Mckinnon (Newfeild Production), Melissa Hawk (Bureau of Land Management), and Amy Torres (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

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

Representative

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

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #1-17-9-16 NE/NE Section 17, Township 9S, Range 16E: Lease UTU-64379 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

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

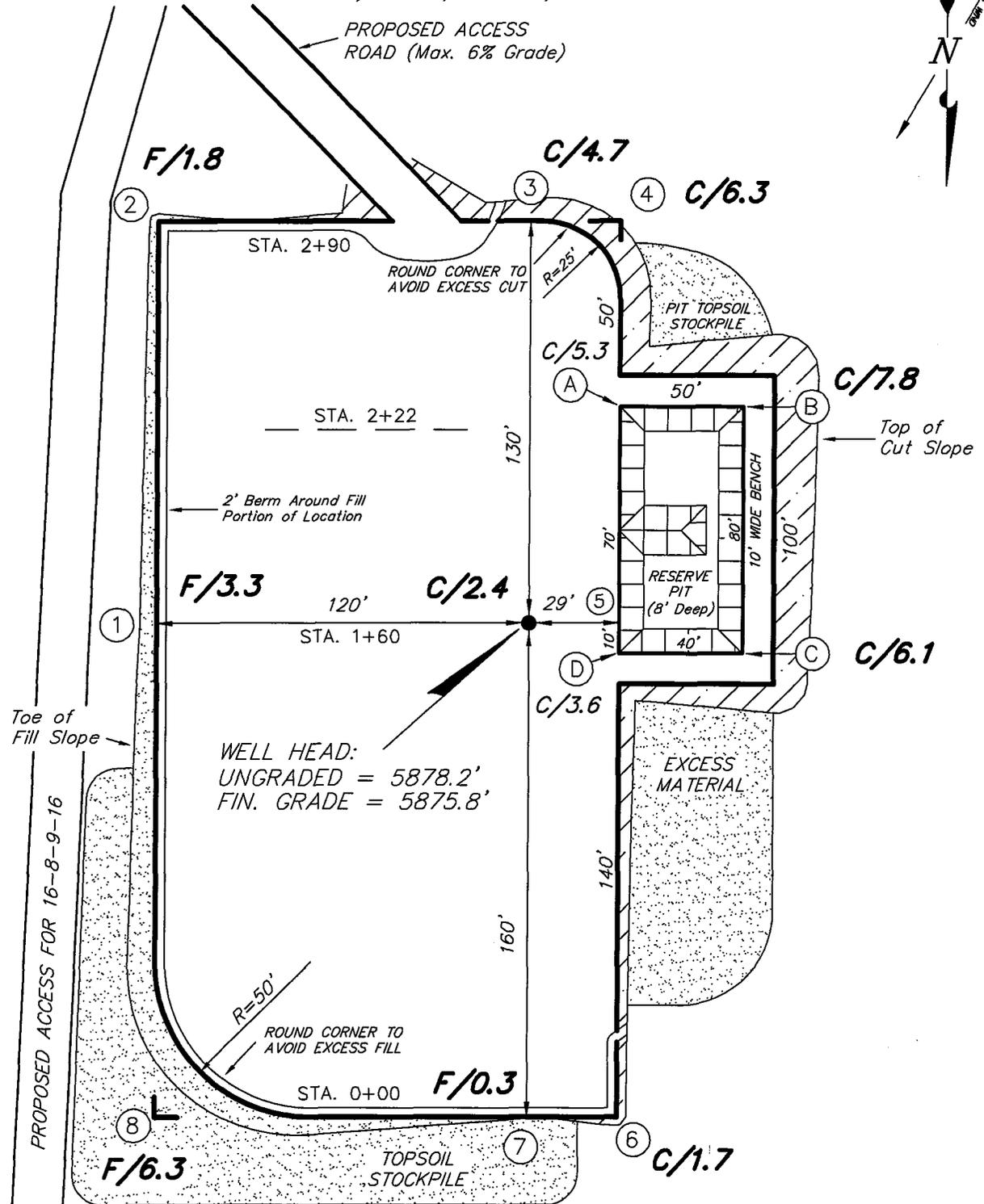
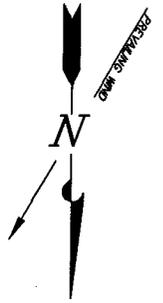
1/23/06
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 1-17-9-16

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



WELL HEAD:
 UNGRADED = 5878.2'
 FIN. GRADE = 5875.8'

REFERENCE POINTS

- 210' NORTHERLY = 5877.9'
- 260' NORTHERLY = 5878.8'
- 170' EASTERLY = 5870.0'
- 220' EASTERLY = 5867.7'

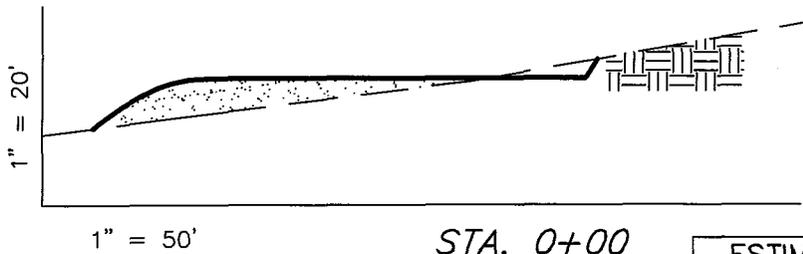
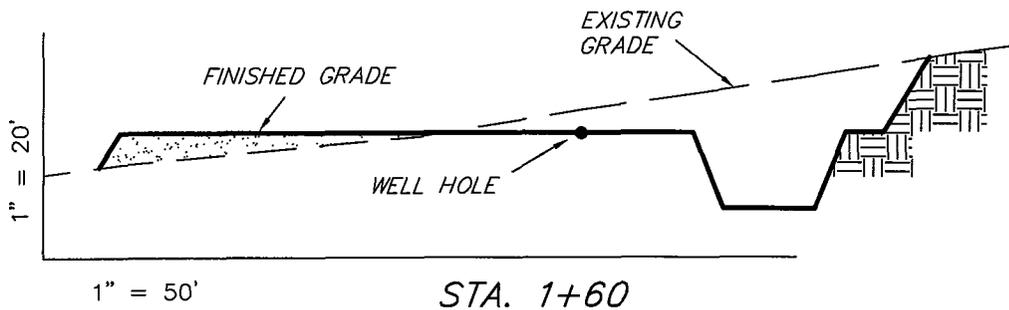
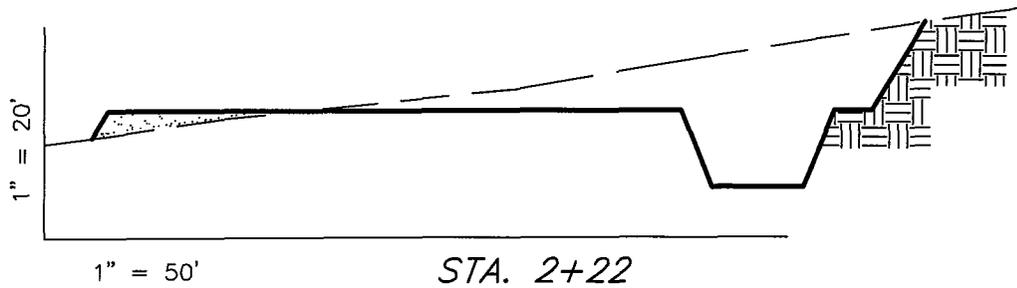
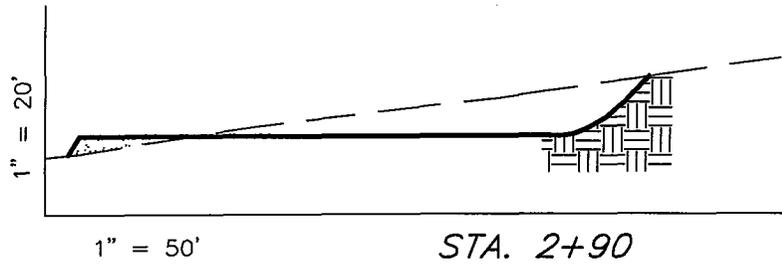
SURVEYED BY: C.M.	SCALE: 1" = 50'
DRAWN BY: M.W.	DATE: 12-27-2005

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

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 1-17-9-16



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

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,560	2,550	Topsoil is not included in Pad Cut	10
PIT	640	0		640
TOTALS	3,200	2,550	1000	650

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: M.W.

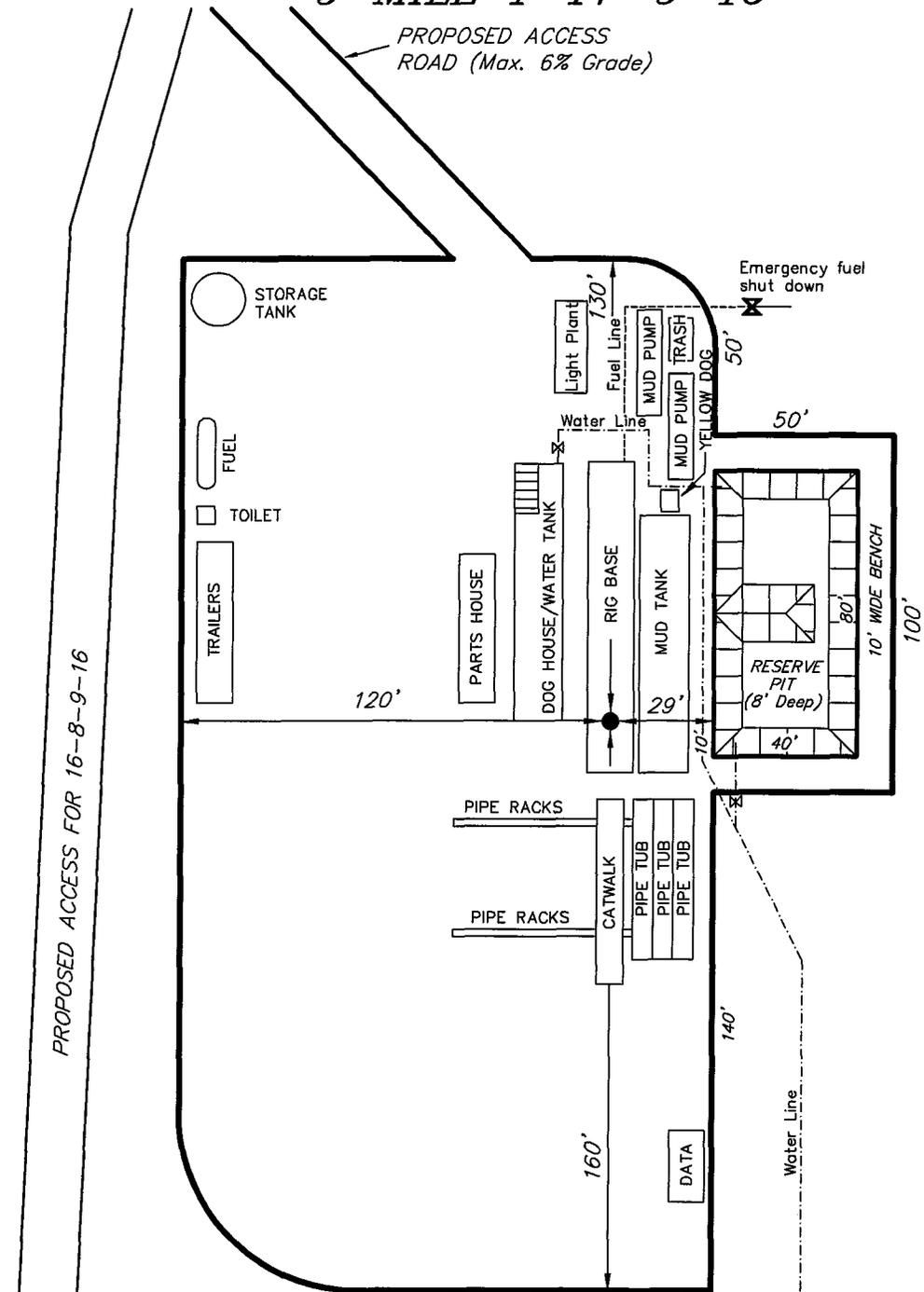
DATE: 12-27-2005

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

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

9 MILE 1-17-9-16



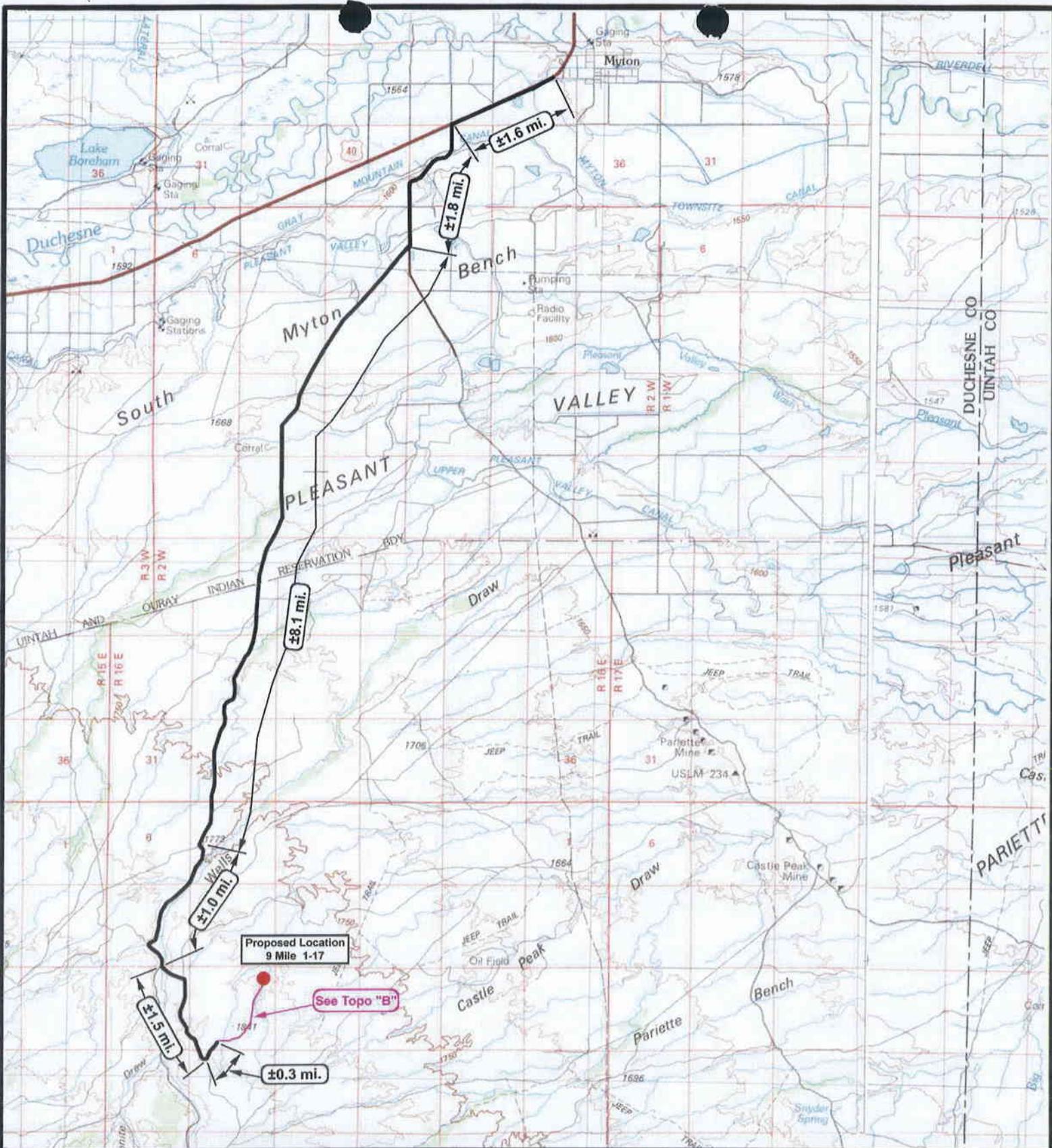
SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: M.W.

DATE: 12-27-2005

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



NEWFIELD
Exploration Company

9 Mile 1-17-9-16
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: mw
DATE: 12-28-2005

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

"A"

J-74826

U-30090

U-034217A

UTU-73087

UTU-73086

U-020255

UTU-74390

UTU-79833

UTU-64379

Proposed Location
9 Mile 1-17

Mylon ±12.5 mi.

±1.5 mi.

± 120'
± 1,090'
± 880'
± 130'
± 800'
± 870'

±0.3 mi.

UTU-64379

U-52018



NEWFIELD
Exploration Company

9 Mile 1-17-9-16
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: mw
DATE: 12-27-2005

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP
"B"

J-74826

U-30090

U-034217A

UTU-73087

UTU-73086

U-020255

U-020254

UTU-74390

UTU-79833

UTU-64379

Proposed Location
9 Mile 1-17

± 120'

± 120'

± 1,090'

± 1,090'

± 880'

± 880'

± 130'

± 130'

± 800'

± 800'

± 870'

± 870'

Tie in at Existing
Gas Pipeline

± 1,760'

Tie in at Existing
Waterline

± 3,200'

UTU-64379

UTU-52018



NEWFIELD
Exploration Company

9 Mile 1-17-9-16
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: mw

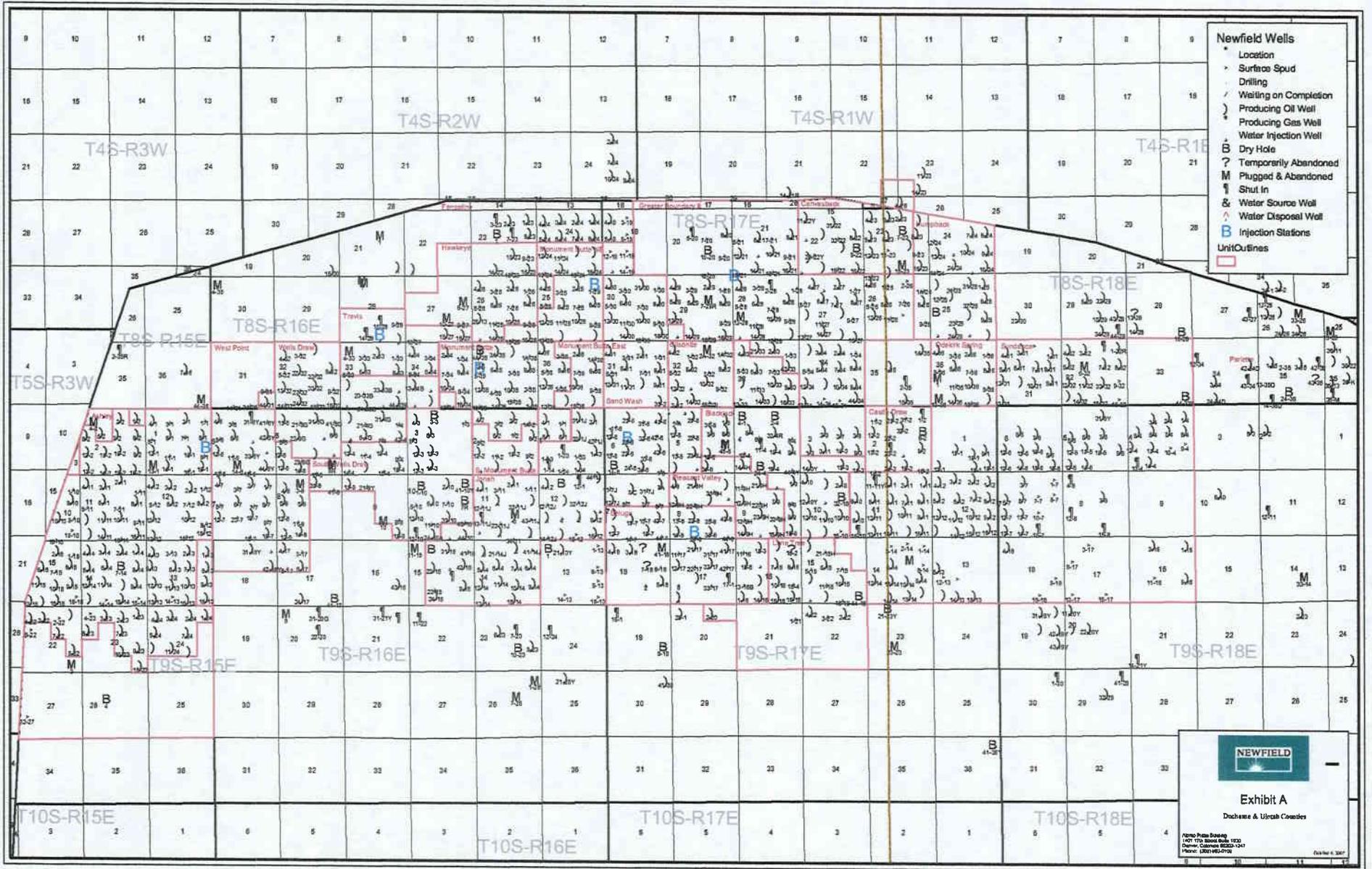
DATE: 12-28-2005

Legend

- Roads
- Proposed Gas Line
- Proposed Water Line

TOPOGRAPHIC MAP

"C"



UTU-74390

UTU-65207

UTU-64379

U-40894

**Proposed Location
9 Mile 1-17**

UTU-64379

U-52018

UTU-6



NEWFIELD
Exploration Company

9 Mile 1-17-9-16
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: mw
DATE: 12-28-2005

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

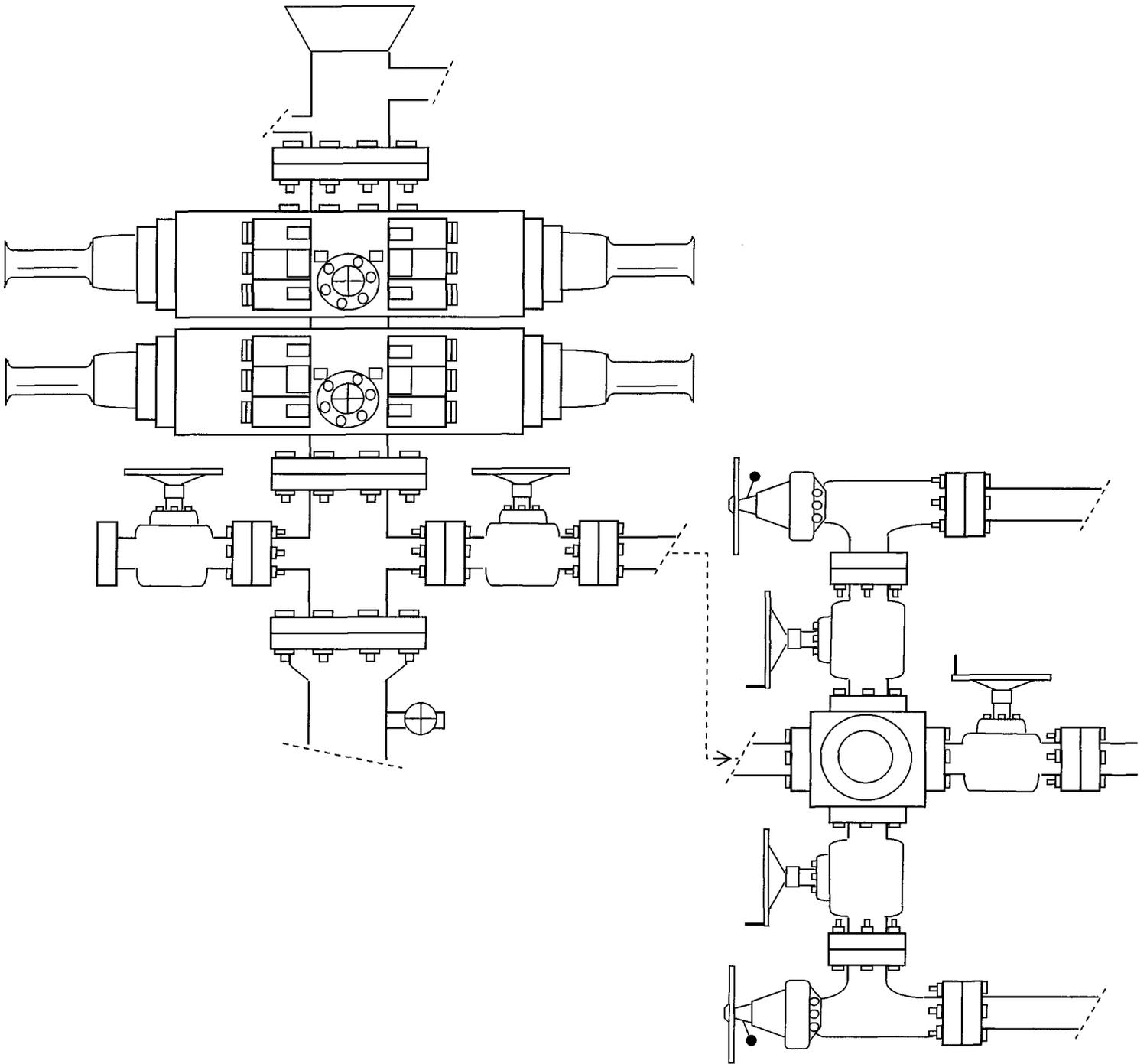


EXHIBIT C

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: 43-013-33028

WELL NAME: FEDERAL 1-17-9-16
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NENE 17 090S 160E
 SURFACE: 0660 FNL 0660 FEL
 BOTTOM: 0660 FNL 0660 FEL
 COUNTY: DUCHESNE
 LATITUDE: 40.03633 LONGITUDE: -110.1355
 UTM SURF EASTINGS: 573756 NORTHINGS: 4431937
 FIELD NAME: MONUMENT BUTTE (105)

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

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

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

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

LOCATION AND SITING:

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

COMMENTS:

Sep, Separate file

STIPULATIONS:

1. Federal Approval
2. Spacing Strip



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 1-17-9-16 Well, 660' FNL, 660' FEL, NE NE, 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 43-013-33028.

Sincerely,

Gil Hunt
Associate Director

Enclosures

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

Operator: Newfield Production Company
Well Name & Number Federal 1-17-9-16
API Number: 43-013-33028
Lease: UTU-64379

Location: NE NE 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.

1106-01

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JAN 24 2006

Form 3160-3
(September 2001)

BLM VERNAL, UTAH

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

APPLICATION FOR PERMIT TO DRILL OR REENTER

5a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-64379
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 1-17-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/NE 660' FNL 660' FEL At proposed prod. zone		9. API Well No. 43-013-33028
14. Distance in miles and direction from nearest town or post office* Approximatley 15.4 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. 660' f/lse, NA' f/unit	16. No. of Acres in lease 1626.36	11. Sec., T., R., M., or Blk. and Survey or Area NE/NE Sec. 17, T9S R16E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1134'	19. Proposed Depth 6075'	12. County or Parish Duchesne
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5878' GL	22. Approximate date work will start* 1st Quarter 2006	13. State UT
17. Spacing Unit dedicated to this well 40 Acres		
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, 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 land, the SUPO shall be filed with the appropriate Forest Service Office).
- Operator certification.
- Such other site specific information and/or plans as may be required by the Bureau of Land Management.

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

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 1/23/06
Title Regulatory Specialist		

Approved by (Signature) <i>Jerry Kenczla</i>	Name (Printed/Typed) JERRY KENCZLA	Date 8-4-2006
Title Assistant Field Manager	Office VERNAL FIELD OFFICE	

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

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

*(Instructions on reverse)

NOTICE OF APPROVAL
CONDITIONS OF APPROVAL ATTACHED
RECEIVED
AUG 10 2006
DIV. OF OIL, GAS & MINING



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:** NENE, Sec. 17, T9S, R16E
Well No: Federal 1-17-9-16 **Lease No:** UTU-64379
API No: 43-013-33028 **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	Agropyron cristatum	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.

Timing Limitation Stipulation – No surface use is allowed within the nesting areas during the following time period: March 1 through June 30. This stipulation would not apply if sage grouse are not present or if impacts could be mitigated. 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 ($\frac{1}{4}$ Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and / or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas 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 1-17-9-16

Api No: 43-013-33028 Lease Type: FEDERAL

Section 17 Township 09S Range 16E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 09/13/06

Time 7:30 AM

How DRY

Drilling will Commence: _____

Reported by JOHNNY DAVIS

Telephone # (435) 823-3610

Date 09/13/06 Signed CHD

RECEIVED

SEP 13 2006

DIV. OF OIL, GAS & MINING

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

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

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	12419	43-013-32943	ASHLEY FEDERAL 15-24-9-15	SW/SE	15	9S	15E	DUCHESNE	09/06/06	9/14/06

WELL 1 COMMENTS: GRRU

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	12419	43-013-32908	ASHLEY FEDERAL 15-26-9-15	SW/SE	15	9S	15E	DUCHESNE	09/08/06	9/14/06

GRRU

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	15633	43-013-33032	FEDERAL 9-17-9-16	NE/SE	17	9S	16E	DUCHESNE	09/10/06	9/14/06

GRRU

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	15634	43-013-33031	FEDERAL 8-17-9-16	SE/NE	17	9S	16E	DUCHESNE	09/12/06	9/14/06

GRRU

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	15635	43-013-33028	FEDERAL 1-17-9-16	NE/NE	17	9S	16E	DUCHESNE	09/13/06	9/14/06

WELL 5 COMMENTS: GRRU

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

WELL 6 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 unit well)
 - 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.

Lana Nebeker
Signature
LANA NEBEKER

Production Analyst
Date

September 13, 2006
Date

PAGE 02

INLAND

4356463031

1:31:57

09/13/2006

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.
UTU-64379

6. If Indian, Allottee or Tribe Name.

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)

NENE Section 17 T9S R16E

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

8. Well Name and No.
FEDERAL 1-17-9-16

9. API Well No.
4301333028

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	Spud Notice _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

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

On 9/13/06 MiRU NDS1 NS#1. Spud well @ 7:30 AM. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 323.82' On 9/14/06 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/sk yeild. Returned 6 bbls cement to pit. WOC.

RECEIVED
SEP 18 2006
DIV. OF OIL, GAS & MINING

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

Signature *Don Bastian*

Title
Drilling Foreman

Date
09/15/2006

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)

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 323.82

LAST CASING 8 5/8" SET AT 317.29'
 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 1-17-9-16
 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 44.60'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	311.97
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			313.82
TOTAL LENGTH OF STRING		313.82	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			323.82
TOTAL		311.97	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		311.97	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.		Spud	9/13/2006	7:30AM	GOOD CIRC THRU JOB <u>Yes</u>		
CSG. IN HOLE			9/14/2006	9:00AM	Bbls CMT CIRC TO SURFACE <u>6</u>		
BEGIN CIRC			9/14/2006	1:53PM	RECIPROCATED PIPE FOR _____ THRU _____ FT STROKE		
BEGIN PUMP CMT			9/14/2006	2:03PM	N/A		
BEGIN DSPL. CMT			9/14/2006	2:14PM	BUMPED PLUG TO _____ 100 _____ PSI		
PLUG DOWN			9/14/2006	2:19PM			
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 Don Bastian DATE 9/15/2006

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-64379

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
FEDERAL 1-17-9-16

9. API Well No.
4301333028

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NENE Section 17 T9S R16E

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

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

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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 10/17/06 MIRU Patterson #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 @ 280'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6075'. 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 @ 6020.91'/KB. Cement with 350 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 15 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 95,000 #'s tension. Release rig @ 9:00 pm 10/21/06.

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

Title
Drilling Foreman

Date
10/22/2006

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 _____

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NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6020.91

Flt clr @ 6043.73

LAST CASING 8 5/8" SET / 323'

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Federal 1-17-9-16

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # Patterson #155

TD DRILLER 6075 Loggers TD _____

HOLE SIZE 7 7/8"

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 3972.41' (5.65')					
136	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5987.33
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	20.33
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6022.91
TOTAL LENGTH OF STRING		6022.91	137	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		443.68	10	CASING SET DEPTH			6020.91
TOTAL		6451.34	147	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6451.34	147				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		8:00 AM	10/21/2006	GOOD CIRC THRU JOB			yes
CSG. IN HOLE		12:10 PM	10/21/2006	Bbls CMT CIRC TO SURFACE			15 bbls
BEGIN CIRC		12:15 PM	21-Oct	RECIPROCATED PIPE FOR			THRUSTROKE NA
BEGIN PUMP CMT		2:21 PM	10/21/2006	DID BACK PRES. VALVE HOLD ?			yes
BEGIN DSPL. CMT		3:42 PM	10/21/2006	BUMPED PLUG TO			2208 PSI
PLUG DOWN		3:55pm	10/21/2006				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	350	Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 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 Ray Herrera

DATE 10/21/2006

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)
 L60 FNL L60 FEC
 NENE Section 17 T9S R16E

5. Lease Serial No.
 USA UTU-64379

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
 Federal 1-17-9-16

9. API Well No.
 4301333028

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

11. County or Parish, State
 DUCHESNE, UT

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

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

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

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

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

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

I hereby certify that the foregoing is true and correct (Printed/ Typed) Mandie Crozier	Title Regulatory Specialist
Signature <i>Mandie Crozier</i>	Date 11/16/2006



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 _____	

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 a Federal or State agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED
NOV 17 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:
USA UTU-64379

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

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

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
Federal 1-17-9-16

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301333028

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: 660 FNL 660 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENE, 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: 11/17/2006	<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	

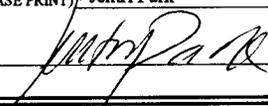
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Status report for time period 11/01/06 - 11/15/06

Subject well had completion procedures initiated in the Green River formation on 11-01-06 without the use of a service rig over the well. A cement bond log was run and a total of six Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5587'-5592'),(5572'-5578'); Stage #2 (5316'-5326'),(5347'-5362'); Stage #3 (5086'-5094'),(5101'-5111'); Stage #4 (4835'-4845'); Stage #5 (4668'-4682'), (4725'-4737'); Stage #6 (4174'-4183'). 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 11-12-2006. Bridge plugs were drilled out and well was cleaned to 5999'. 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 11-15-2006.

NAME (PLEASE PRINT): Jentri Park

TITLE Production Clerk

SIGNATURE 

DATE 11/17/2006

(This space for State use only)

RECEIVED
NOV 21 2006

DIV. OF OIL, GAS & MINING

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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 660' FNL & 660' FEL (NE/NE) Sec. 17, T9S, R16E

At top prod. Interval reported below

At total depth

14. API NO. 43-013-33028 DATE ISSUED 01/26/06

12. COUNTY OR PARISH Duchesne 13. STATE UT

15. DATE SPUNDED 09/13/06 16. DATE T.D. REACHED 10/20/06 17. DATE COMPL. (Ready to prod.) 11/15/06 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5878' GL 5890' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6073' 21. PLUG BACK T.D., MD & TVD 5999' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY -----> 24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* Green River 4174'-5592' 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log 27. WAS WELL CORED No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	324'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6021'	7-7/8"	350 sx Premlite II and 450 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5675'	TA @ 5553'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP1) 5587'-5592', 5572'-5578'	.46"	4/44	5592'-5572'	Frac w/ 25,276# 20/40 sand in 354 bbls fluid
(LODC) 5316'-5326', 5347'-5362'	.43"	4/100	5362'-5316'	Frac w/ 140,563# 20/40 sand in 964 bbls fluid
(A1) 5086'-5094', 5101'-5111'	.43"	4/72	5111'-5086'	Frac w/ 90,538# 20/40 sand in 724 bbls fluid
(C) 4835'-4845'	.43"	4/40	4835'-4845'	Frac w/ 30,222# 20/40 sand in 404 bbls fluid
(D1) 4668'-4682', 4725'-4737'	.43"	4/104	4737'-4668'	Frac w/ 80,170# 20/40 sand in 587 bbls fluid
(GB4) 4174'-4183'	.43"	4/36	4174'-4183'	Frac w/ 27,661 20/40 sand in 296 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION 11/15/06	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 10 X 14' RHAC SM Plunger Pump	WELL STATUS (Producing or shut-in) PRODUCING					
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL. 111	GAS--MCF. 8	WATER--BBL. 61	GAS-OIL RATIO 72
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	RECEIVED NOV 30 2006	

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

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 [Signature] TITLE Production Clerk DATE 11/29/2006

*(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 1-17-9-16	Garden Gulch Mkr	3654'	
				Garden Gulch 1	3870'	
				Garden Gulch 2	3980'	
				Point 3 Mkr	4236'	
				X Mkr	4500'	
				Y-Mkr	4532'	
				Douglas Creek Mkr	4648'	
				BiCarbonate Mkr	4885'	
				B Limestone Mkr	4991'	
				Castle Peak	5534'	
				Basal Carbonate	5972'	
				Total Depth (LOGGERS)	6043'	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FEDERAL 1-17-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013330280000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE 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: 9/18/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The subject well has been converted from a producing oil well to an injection well on 09/14/2012. On 09/17/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/18/2012 the casing was pressured up to 1680 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 240 psig during the test. There was a State representative available to witness the test - Chris Jensen.

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

FOR RECORD ONLY

September 26, 2012

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/25/2012	

Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: Chris Jensen Date 9/18/12 Time 9:00 am pm
Test Conducted by: KODY OLSON
Others Present: _____

Well: <u>FEDERAL 1-17-9-16</u>	Field: <u>MON. BUTTE</u>
Well Location: <u>NE/NE SEC. 17, T9S, R16E</u>	API No: <u>43-013-33028</u>
<u>DUCHESNE CTY, UT UTV 87538X</u>	

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1680</u>	psig
5	<u>1680</u>	psig
10	<u>1680</u>	psig
15	<u>1680</u>	psig
20	<u>1680</u>	psig
25	<u>1680</u>	psig
30 min	<u>1680</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 240 psig

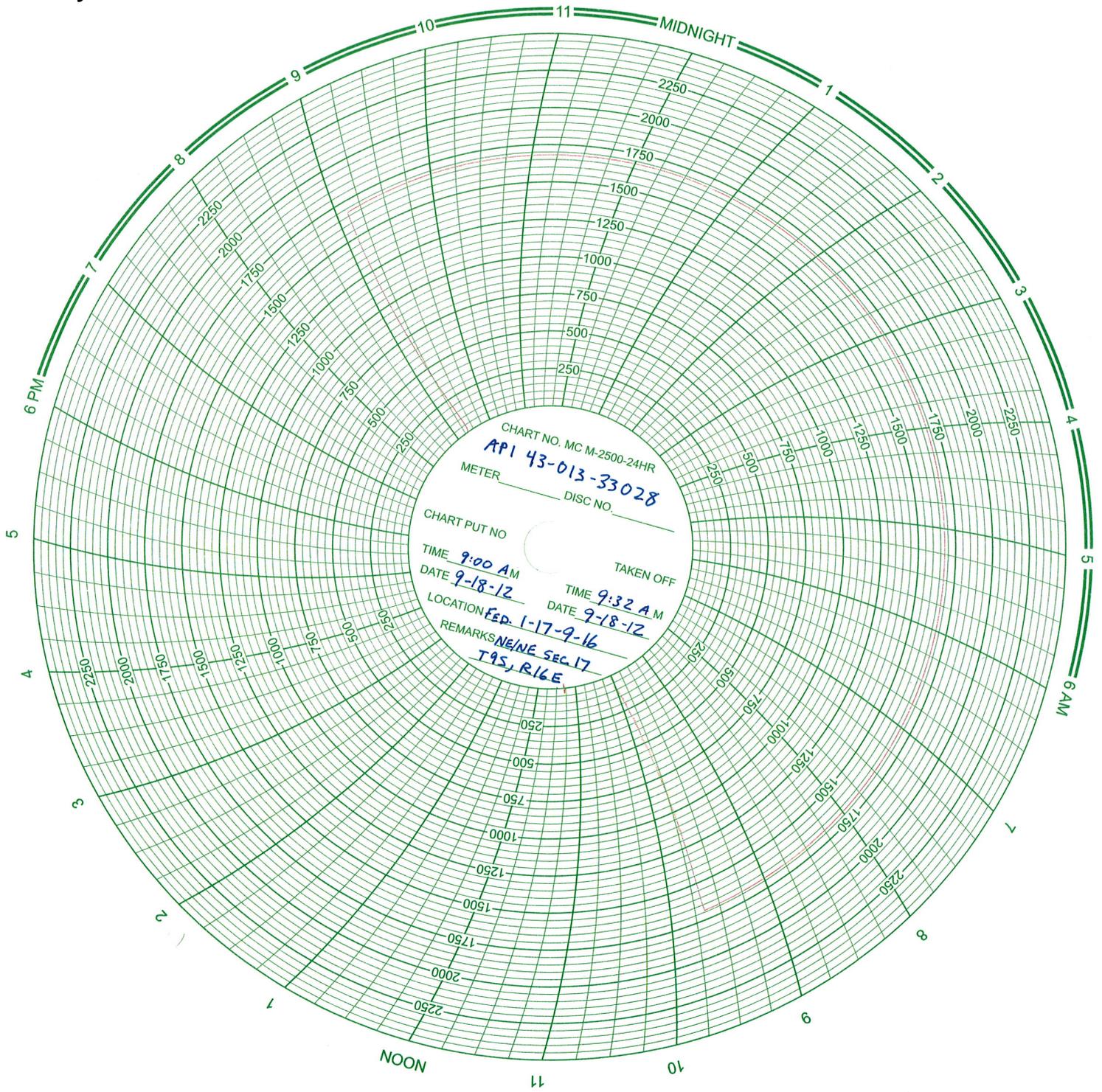
Result: Pass Fail

Signature of Witness:

Chris Jensen DOGM

Signature of Person Conducting Test:

Kody Olson



Daily Activity Report

Format For Sundry

FEDERAL 1-17-9-16

7/1/2012 To 11/30/2012

9/12/2012 Day: 1

Conversion

NC #2 on 9/12/2012 - MIRUSU, Test Tbg, LD Rod String - 5:30AM To 6:00AM C/ Travl: Maintance On NC2, MIRUSU @ 2:00PM, OWU @ 2:00PM, H/ Oiler Pumped 70 BW Down Csg, RDPU, Unseat Rod Pmp, RU H/ Oiler To Tbg Pumped 40BW, Soft Seat Rod Pmp, H/ Oiler Filled Tbg W/ 13 BW, Pressured Tbg To 3000psi, GOOD TEST, LD 100- 3/4" 4per Guided Rods, 31- 3/4" Plain Rods... SWIFN...7:00PM To 7:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl: Maintance On NC2, MIRUSU @ 2:00PM, OWU @ 2:00PM, H/ Oiler Pumped 70 BW Down Csg, RDPU, Unseat Rod Pmp, RU H/ Oiler To Tbg Pumped 40BW, Soft Seat Rod Pmp, H/ Oiler Filled Tbg W/ 13 BW, Pressured Tbg To 3000psi, GOOD TEST, LD 100- 3/4" 4per Guided Rods, 31- 3/4" Plain Rods... SWIFN...7:00PM To 7:30PM C/ Travl **Finalized**

Daily Cost: \$0

Cumulative Cost: \$8,154

9/13/2012 Day: 2

Conversion

NC #2 on 9/13/2012 - LD Rod String, NU BOP, POOH W/ Tbg Breaking & Redoping Pins, LD Remaining Tbg, MU & TIH W/ PKR - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, H/ Oiler Pumped 40BW Down Tbg, Continue LD Rods, LD 75- 3/4" Plain Rods, 10- 3/4" 4per Guided Rods, 6- 1 1/2" Wt Bars W/ 6- 1" Guided Stabilizers, LD Rod Pmp (Light Scale On Screen, Pull Rod Wore), X- Over For Tbg, ND WH, Unset TA, NU Weatherford BOP, RU Work Floor, PU 10- Jts Tagged Fill @ 5925', LD 10- Jts, RU H/ Oiler To Tbg Pumped 40BW, POOH W/ 135 Jts Breaking, Inspecting & Redoping Pins, RU H/ Oiler To Tbg Pumped 40 BW, LD 51-Jts, LD TA, MU & TIH W/ XN Nipple, 2 3/8"- 4' Tbg Sub, 5 1/2"x 2 7/8" Retrievable PKR, On/ Off Tool, 2 7/8" SN, 38- Jts Of Tbg...SWIFN...7:30PM To 8:00PM C/ Travl - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, H/ Oiler Pumped 40BW Down Tbg, Continue LD Rods, LD 75- 3/4" Plain Rods, 10- 3/4" 4per Guided Rods, 6- 1 1/2" Wt Bars W/ 6- 1" Guided Stabilizers, LD Rod Pmp (Light Scale On Screen, Pull Rod Wore), X- Over For Tbg, ND WH, Unset TA, NU Weatherford BOP, RU Work Floor, PU 10- Jts Tagged Fill @ 5925', LD 10- Jts, RU H/ Oiler To Tbg Pumped 40BW, POOH W/ 135 Jts Breaking, Inspecting & Redoping Pins, RU H/ Oiler To Tbg Pumped 40 BW, LD 51-Jts, LD TA, MU & TIH W/ XN Nipple, 2 3/8"- 4' Tbg Sub, 5 1/2"x 2 7/8" Retrievable PKR, On/ Off Tool, 2 7/8" SN, 38- Jts Of Tbg...SWIFN...7:30PM To 8:00PM C/ Travl

Daily Cost: \$0

Cumulative Cost: \$17,280

9/14/2012 Day: 3

Conversion

NC #2 on 9/14/2012 - TIH W/ PKR, Test Tbg, NU WH, Test Csg - RESENT TO FIX MISSING TANGIBLE COST CODES - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, Cont TIH W/ Retrievable PKR, RU & RIH W/ Sandine, Seat Stnd Valv, H/ Oiler Pumped 23 BW To Fill Tbg , Pressured Up Tbg To 3000psi, No Pressure Loss In 60 Min, RU & RIH W/ Sandline W/ Overshot, Retrieved Stnd Valv, RD Workfloor, ND Weatherford BOP, RU H/ Oiler To Circulate 70 BW W/ PKR Fluid To Csg, Set PKR @ 4148.12' W/ 12' KB (CE @ 4144.47' W/ 12' KB) W/ 1500# Of Tension, NU Injection Tree, Fill Csg W/ 35BW, Pressured Up Csg To 1500psi, No Pressure Loss In 60 Min..GOOD TEST...6:00PM To 6:30PM C/ Travl....READY FOR MIT - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, Cont TIH W/ Retrievable PKR, RU & RIH W/ Sandine, Seat Stnd Valv, H/ Oiler Pumped 23 BW To Fill Tbg , Pressured Up Tbg To 3000psi, No Pressure Loss In 60 Min, RU & RIH W/ Sandline W/ Overshot, Retrieved Stnd Valv, RD

Workfloor, ND Weatherford BOP, RU H/ Oiler To Circulate 70 BW W/ PKR Fluid To Csg, Set PKR @ 4148.12' W/ 12' KB (CE @ 4144.47' W/ 12' KB) W/ 1500# Of Tension, NU Injection Tree, Fill Csg W/ 35BW, Pressured Up Csg To 1500psi, No Pressure Loss In 60 Min..GOOD TEST...6:00PM To 6:30PM C/ Travl....READY FOR MIT

Daily Cost: \$0

Cumulative Cost: \$25,227

9/24/2012 Day: 4

Conversion

Rigless on 9/24/2012 - Conduct initial MIT - On 09/17/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/18/2012 the casing was pressured up to 1680 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 240 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 09/17/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/18/2012 the casing was pressured up to 1680 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 240 psig during the test. There was a State representative available to witness the test - Chris Jensen. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$113,497

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE 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.		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: FEDERAL 1-17-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013330280000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 17 Township: 09.0S Range: 16.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/7/2012 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE <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"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
OTHER: <input type="text" value="Put on Injection"/>		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above reference well was put on injection at 11:00 AM on 12/07/2012.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 10, 2012		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 12/10/2012



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,

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-64379

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

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

8. Lease Name and Well No.
Federal 1-17-9-16

9. API Well No.
43-013-33028

10. Field and Pool, or Exploratory/
Monument Butte 105

11. Sec., T., R., M., or Blk. and Survey or Area
NE/NE 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 NE/NE 660' FNL 660' FEL 573756 X 40.036326
At proposed prod. zone 44319374 -110.135503

14. Distance in miles and direction from nearest town or post office*
Approximatley 15.4 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. 660' f/lse, NA' f/unit
Approx. 1134'

16. No. of Acres in lease
1626.36

17. Spacing Unit dedicated to this well
40 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1134'

19. Proposed Depth
6075'

20. BLM/BIA Bond No. on file
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5878' GL

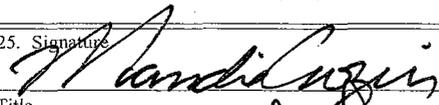
22. Approximate date work will start*
1st Quarter 2006

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 (Signature)  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

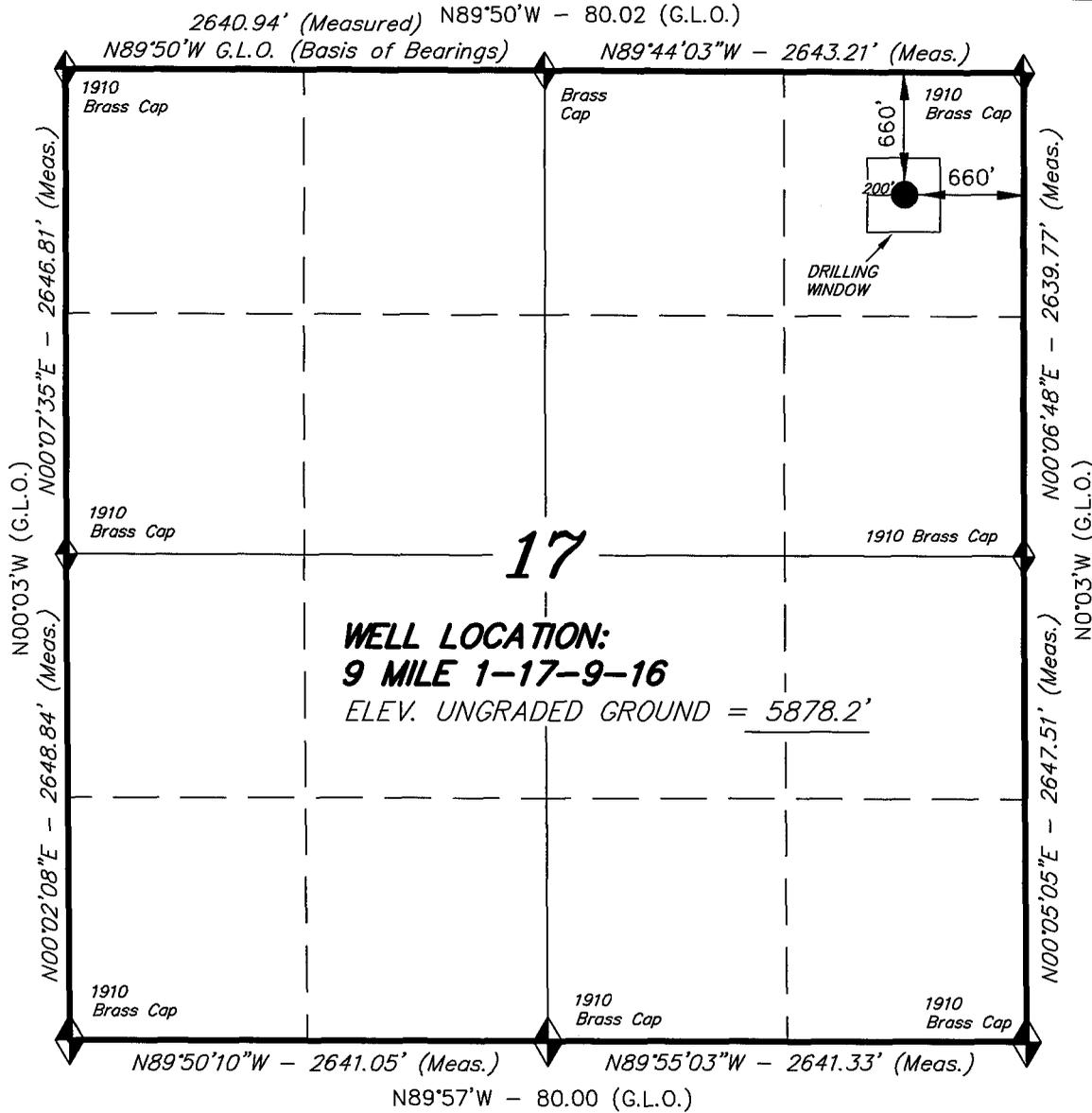
JAN 24 2006

DIV. OF OIL, GAS & MINING

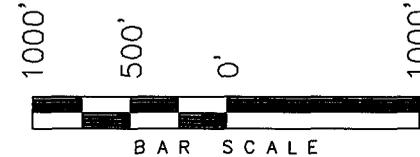
Federal Approval of this
Action is Required

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

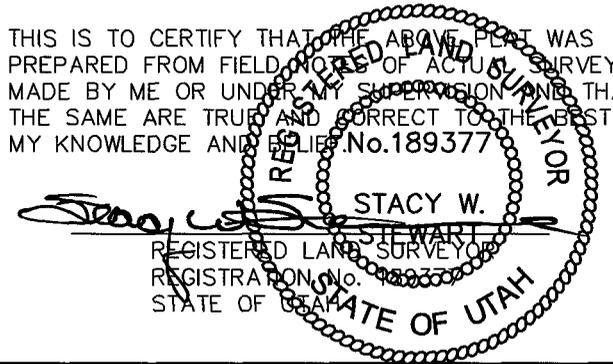
NEWFIELD PRODUCTION COMPANY



WELL LOCATION, 9 MILE 1-17-9-16,
 LOCATED AS SHOWN IN THE NE 1/4 NE
 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 1-17-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 02' 10.82"
 LONGITUDE = 110° 08' 10.04"

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: 12-27-05	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
FEDERAL #1-17-9-16
NE/NE 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' – 2635'
Green River	2635'
Wasatch	6075'

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

Green River Formation 2635' – 6075' - 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 #1-17-9-16
NE/NE 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 #1-17-9-16 located in the NE 1/4 NE 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 - 1.1 miles \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 #1-17-9-16 Newfield Production Company requests a 3560' ROW be granted in Lease UTU-52018 and 2090' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests a 3560' ROW be granted in Lease UTU-52018 and 2090' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed gas lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests a 5000' ROW be granted in Lease UTU-52018 and 2090' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

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

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

Threatened, Endangered, And Other Sensitive Species

Sage Grouse: If new construction or surface disturbing activities are scheduled to occur between March 1 and June 30, detailed surveys of the area within 0.5 mile of the proposed location must be conducted to detect the presence of sage grouse. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

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 #1-17-9-16 was on-sited on 11/3/05. The following were present; Shon Mckinnon (Newfeild Production), Melissa Hawk (Bureau of Land Management), and Amy Torres (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

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

Representative

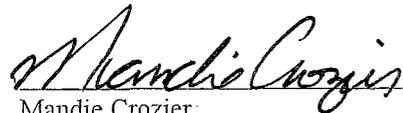
Name: Shon Mckinnon
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #1-17-9-16 NE/NE Section 17, Township 9S, Range 16E: Lease UTU-64379 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

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

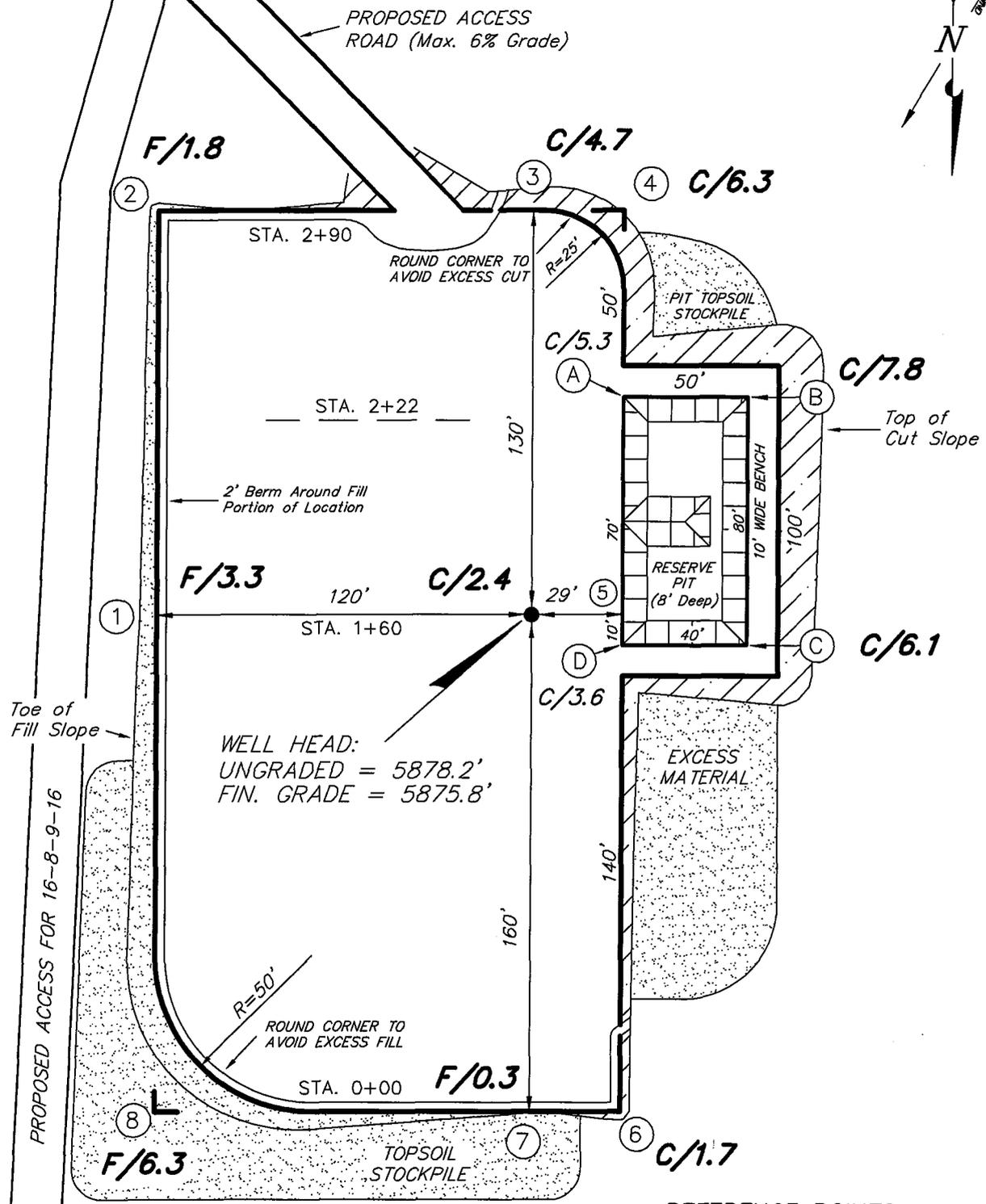
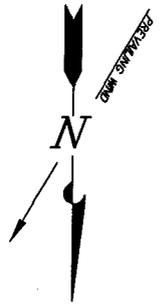
1/23/06
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 1-17-9-16

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



WELL HEAD:
 UNGRADED = 5878.2'
 FIN. GRADE = 5875.8'

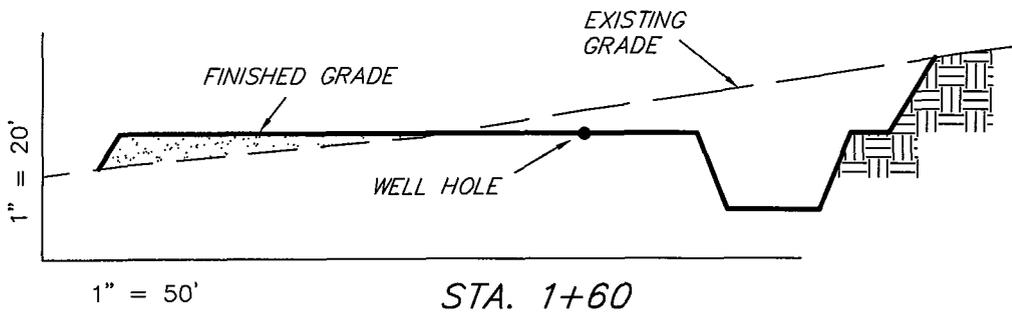
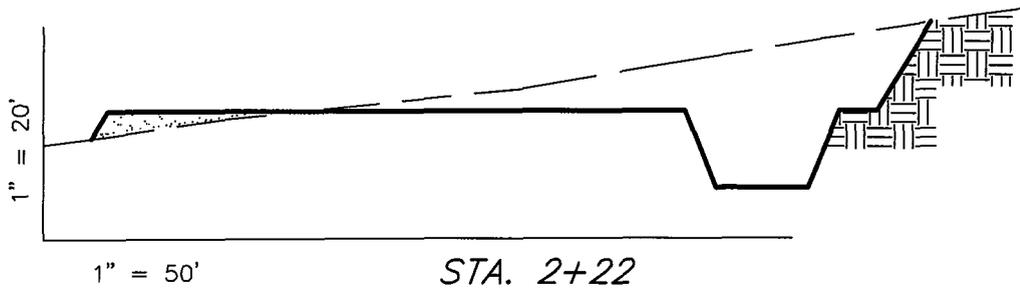
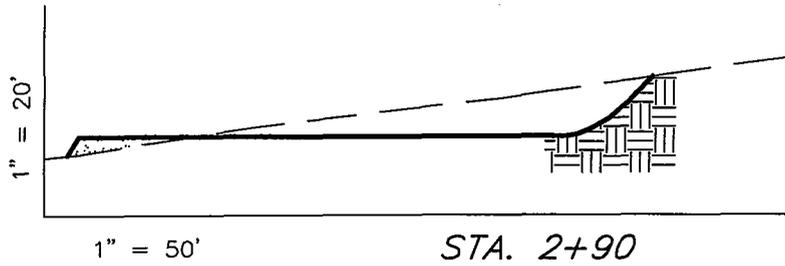
REFERENCE POINTS
 210' NORTHERLY = 5877.9'
 260' NORTHERLY = 5878.8'
 170' EASTERLY = 5870.0'
 220' EASTERLY = 5867.7'

SURVEYED BY: C.M.	SCALE: 1" = 50'	<p>Tri State Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078 (435) 781-2501</p>
DRAWN BY: M.W.	DATE: 12-27-2005	

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 1-17-9-16



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

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,560	2,550	Topsoil is not included in Pad Cut	10
PIT	640	0		640
TOTALS	3,200	2,550	1000	650

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: M.W.

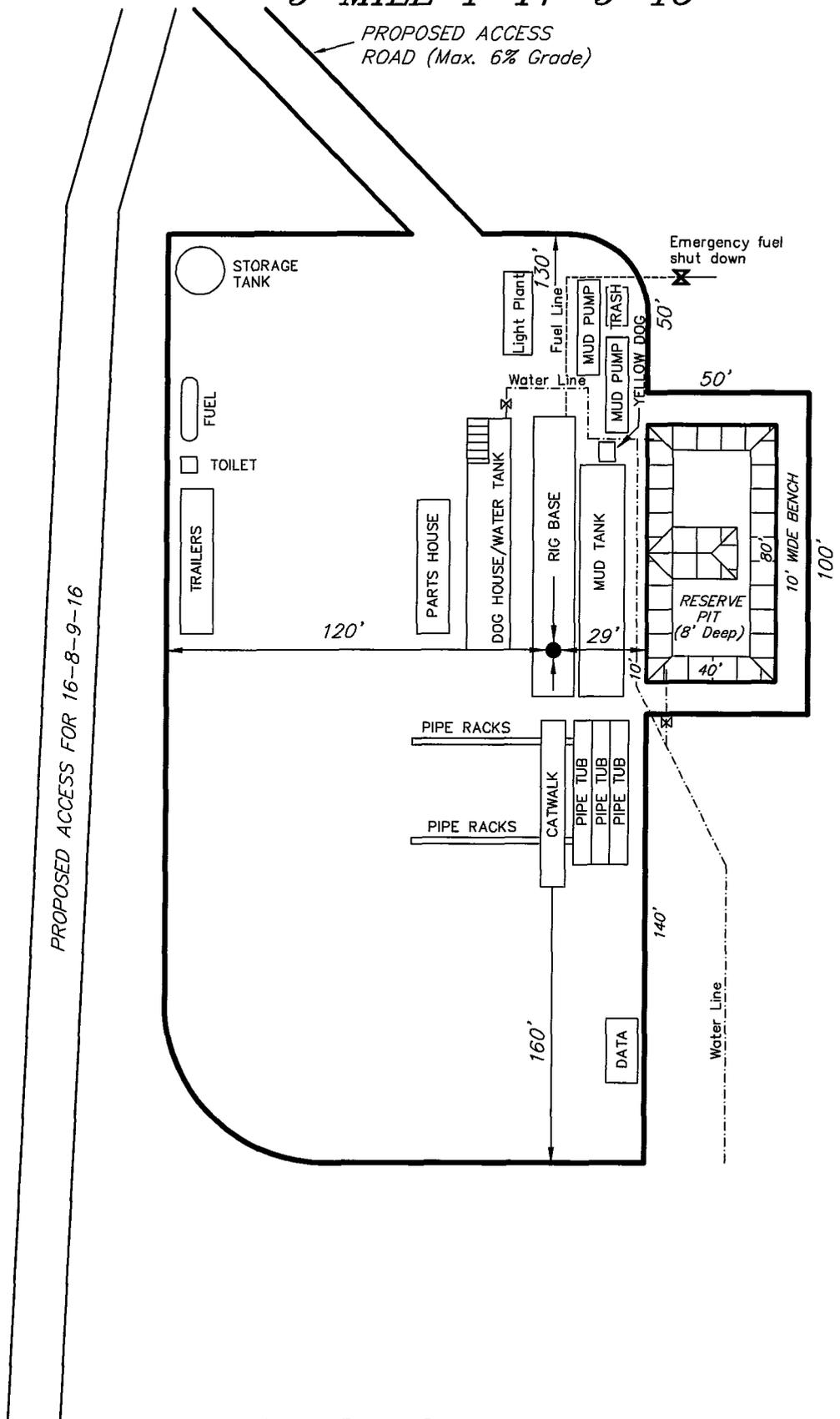
DATE: 12-27-2005

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

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

9 MILE 1-17-9-16



SURVEYED BY: C.M.	SCALE: 1" = 50'	<p>Tri State Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078</p>	(435) 781-2501
DRAWN BY: M.W.	DATE: 12-27-2005		



NEWFIELD
Exploration Company

9 Mile 1-17-9-16
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: mw
DATE: 12-28-2005

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 ±2.5 mi.

±1.5 mi.

Proposed Location
9 Mile 1-17

± 120'

± 1,090'

± 880'

± 130'

± 800'

± 870'

± 1,760'

±0.3 mi.



NEWFIELD
Exploration Company

9 Mile 1-17-9-16
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: mw

DATE: 12-27-2005

Legend

-  Existing Road
-  Proposed Access

TOPOGRAPHIC MAP

"B"

J-74826

U-30096

BM
5924

U-034217A

UTU-73087

UTU-73086

U-020255

U-020254

UTU-74390

UTU-79833

UTU-77322

UTU-64379

Proposed Location
9 Mile 1-17

± 120'

± 120'

± 1,090'

± 1,090'

± 880'

± 880'

± 130'

± 130'

± 800'

± 800'

± 870'

± 870'

Tie in at Existing
Gas Pipeline

± 1,760'

± 3,200'

Tie in at Existing
Waterline

UTU-64379

UTU-52018



NEWFIELD
Exploration Company

9 Mile 1-17-9-16
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: mw

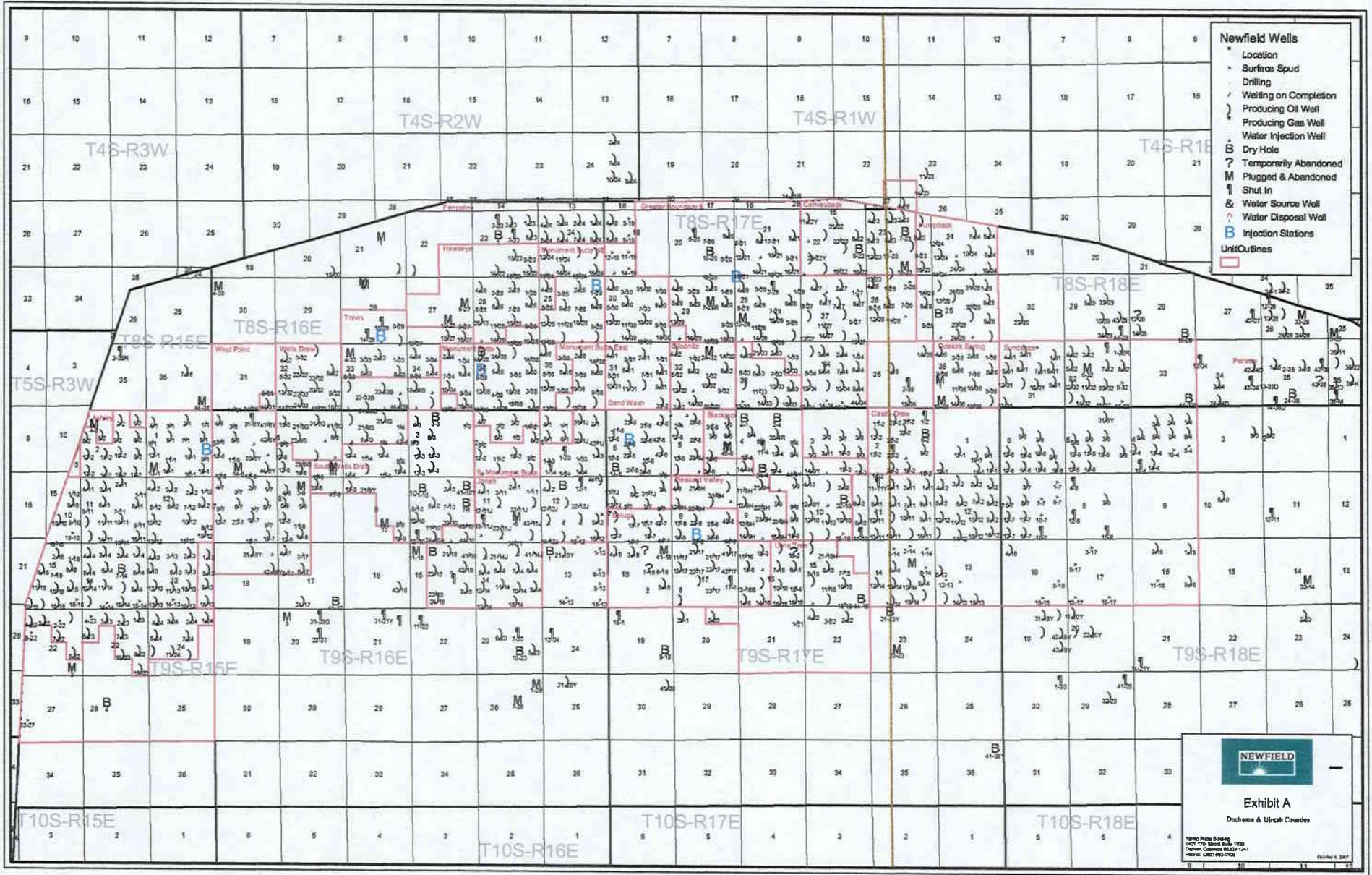
DATE: 12-28-2005

Legend

- Roads
- Proposed Gas Line
- Proposed Water Line

TOPOGRAPHIC MAP

"C"



UTU-74390

U-020255

U-020264

UTU-65207

UTU-64379

U-40894

Proposed Location
9 Mile 1-17

UTU-64379

U-52018

UTU-6



NEWFIELD
Exploration Company

9 Mile 1-17-9-16
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: mw

DATE: 12-28-2005

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

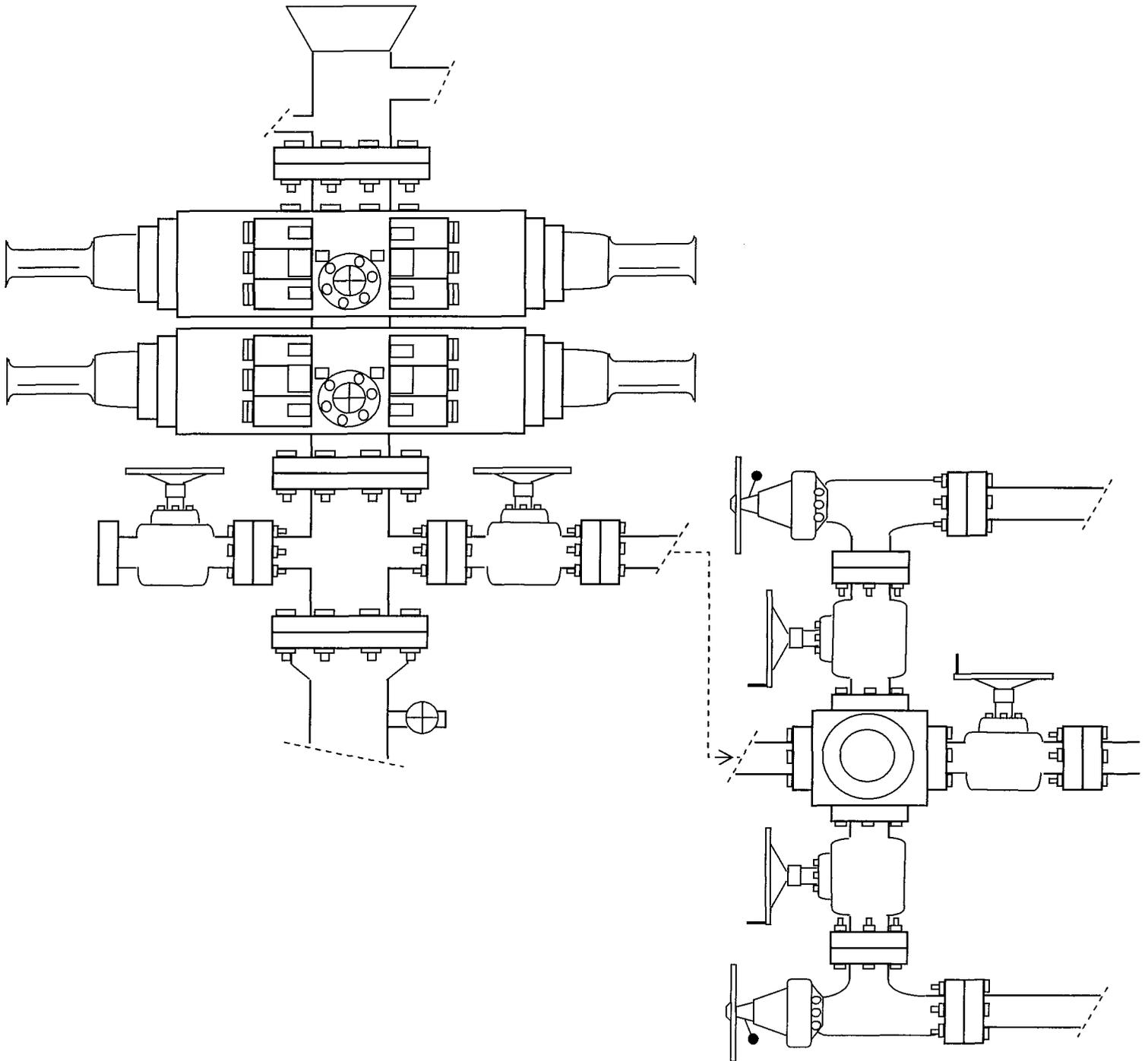


EXHIBIT C

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: 43-013-33028

WELL NAME: FEDERAL 1-17-9-16
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NENE 17 090S 160E
 SURFACE: 0660 FNL 0660 FEL
 BOTTOM: 0660 FNL 0660 FEL
 COUNTY: DUCHESNE
 LATITUDE: 40.03633 LONGITUDE: -110.1355
 UTM SURF EASTINGS: 573756 NORTHINGS: 4431937
 FIELD NAME: MONUMENT BUTTE (105)

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

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

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

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

LOCATION AND SITING:

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

COMMENTS:

See Separate file

STIPULATIONS:

1. Federal Approval
2. Spacing Strip



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 17 T. 9S R. 16E

FIELD: MONUMENT BUTTE (105)

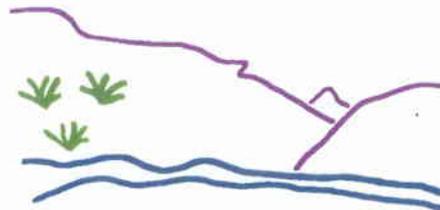
COUNTY: DUCHESNE

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 1-17-9-16 Well, 660' FNL, 660' FEL, NE NE, 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 43-013-33028.

Sincerely,

Gil Hunt
Associate Director

Enclosures

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

Operator: Newfield Production Company

Well Name & Number Federal 1-17-9-16

API Number: 43-013-33028

Lease: UTU-64379

Location: NE NE 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.

1106-01

RECEIVED

JAN 24 2006

Form 3160-3
(September 2001)

BLM VERNAL, UTAH

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.
UTU-64379

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

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

8. Lease Name and Well No.
Federal 1-17-9-16

9. API Well No.
43.013.33028

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
NE/NE 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 NE/NE 660' FNL 660' FEL
At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*
Approximatley 15.4 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. 660' f/lse, NA' f/unit

16. No. of Acres in lease
1626.36

17. Spacing Unit dedicated to this well
40 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1134'

19. Proposed Depth
6075'

20. BLM/BIA Bond No. on file
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5878' 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, shall be attached to this form:

- 1. Well plat certified by a registered surveyor.
- 2. A Drilling Plan.
- 3. A Surface Use Plan (if the location is on National Forest System land, the SUPO shall be filed with the appropriate Forest Service Office).
- 4. Operator certification.
- 5. Such other site specific information and/or plans as may be required by the BLM/BIA.

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

25. Signature: *Mandie Crozier*
Name (Printed/Typed): Mandie Crozier
Date: 1/23/06
Title: Regulatory Specialist

Approved by (Signature): *Jerry Kenczla*
Name (Printed/Typed): JERRY KENCZLA
Date: 8-4-2006
Title: Assistant Field Manager
Office: VERNAL FIELD OFFICE

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

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

*(Instructions on reverse)

NOTICE OF APPROVAL
RECEIVED
AUG 10 2006
DIV. OF OIL, GAS & MINING
CONDITIONS OF APPROVAL ATTACHED



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

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



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Federal 1-17-9-16
API No: 43-013-33028

Location: NENE, Sec. 17, T9S, R16E
Lease No: UTU-64379
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	Agropyron cristatum	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.

Timing Limitation Stipulation – No surface use is allowed within the nesting areas during the following time period: March 1 through June 30. This stipulation would not apply if sage grouse are not present or if impacts could be mitigated. 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 1-17-9-16

Api No: 43-013-33028 Lease Type: FEDERAL

Section 17 Township 09S Range 16E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 09/13/06

Time 7:30 AM

How DRY

Drilling will Commence: _____

Reported by JOHNNY DAVIS

Telephone # (435) 823-3610

Date 09/13/06 Signed CHD

RECEIVED

SEP 13 2006

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

DIV. OF OIL, GAS & MINING

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

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QR	SC	TP	RG	COUNTY		
B	99999	12419	43-013-32943	ASHLEY FEDERAL 15-24-9-15	SW/SE	15	9S	15E	DUCHESNE	09/06/06	9/14/06
WELL 1 COMMENTS: <i>GRRU</i>											
B	99999	12419	43-013-32908	ASHLEY FEDERAL 15-26-8-15	SW/SE	15	9S	15E	DUCHESNE	09/08/06	9/14/06
WELL 1 COMMENTS: <i>GRRU</i>											
A	99999	15633	43-013-33032	FEDERAL 9-17-9-16	NE/SE	17	9S	16E	DUCHESNE	09/10/06	9/14/06
WELL 5 COMMENTS: <i>GRRU</i>											
A	99999	15634	43-013-33031	FEDERAL 8-17-9-16	SE/NE	17	9S	16E	DUCHESNE	09/12/06	9/14/06
WELL 5 COMMENTS: <i>GRRU</i>											
A	99999	15635	43-013-33028	FEDERAL 1-17-9-16	NE/NE	17	9S	16E	DUCHESNE	09/13/06	9/14/06
WELL 5 COMMENTS: <i>GRRU</i>											
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 unit well)
- 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.

Lana Nebeker
Signature LANA NEBEKER

Production Analyst

September 13, 2006

Date

Date

PAGE 02

INLAND

4356463031

13:57

09/13/2006

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.
UTU-64379

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
FEDERAL 1-17-9-16

9. API Well No.
4301333028

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

SUBMIT IN TRIPPLICATE - 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)
NENE Section 17 T9S R16E

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

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

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

On 9/13/06 MiRU NDSI NS#1. Spud well @ 7:30 AM. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 323.82' On 9/14/06 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/sk yeild. Returned 6 bbls cement to pit. WOC.

RECEIVED
SEP 18 2006
DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed) Don Bastian	Title Drilling Foreman
Signature <i>Don Bastian</i>	Date 09/15/2006

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)

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 323.82

LAST CASING 8 5/8" SET AT 317.29'
 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 1-17-9-16
 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 44.60'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	311.97
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			313.82
TOTAL LENGTH OF STRING		313.82	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			323.82
TOTAL		311.97	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		311.97	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.		Spud	9/13/2006	7:30AM	GOOD CIRC THRU JOB <u>Yes</u>		
CSG. IN HOLE			9/14/2006	9:00AM	Bbls CMT CIRC TO SURFACE <u>6</u>		
BEGIN CIRC			9/14/2006	1:53PM	RECIPROCATED PIPE FOR _____ THRU _____ FT STROKE		
BEGIN PUMP CMT			9/14/2006	2:03PM	N/A		
BEGIN DSPL. CMT			9/14/2006	2:14PM	BUMPED PLUG TO _____ 100 _____ PSI		
PLUG DOWN			9/14/2006	2:19PM			
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 Don Bastian

DATE 9/15/2006

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-64379

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
FEDERAL 1-17-9-16

9. API Well No.
4301333028

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NENE Section 17 T9S R16E

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Weekly Status Report</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 10/17/06 MIRU Patterson #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 @ 280'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6075'. 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 @ 6020.91'/ KB. Cement with 350 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 15 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 95,000 #'s tension. Release rig @ 9:00 pm 10/21/06.

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

Signature

Title
Drilling Foreman

Date
10/22/2006

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 _____

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 25 2006

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6020.91

Flt clr @ 6043.73

LAST CASING 8 5/8" SET / 323'

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Federal 1-17-9-16

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # Patterson #155

TD DRILLER 6075 Loggers TD

HOLE SIZE 7 7/8"

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 3972.41' (5.65')					
136	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5987.33
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	20.33
		GUIDE shoe			8rd	A	0.65

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	6022.91
TOTAL LENGTH OF STRING	6022.91	137	LESS CUT OFF PIECE	14
LESS NON CSG. ITEMS	15.25		PLUS DATUM TO T/CUT OFF CSG	12
PLUS FULL JTS. LEFT OUT	443.68	10	CASING SET DEPTH	6020.91
TOTAL	6451.34	147	} COMPARE	
TOTAL CSG. DEL. (W/O THRDS)	6451.34	147		
TIMING	1ST STAGE	2nd STAGE		
BEGIN RUN CSG.	8:00 AM	10/21/2006	GOOD CIRC THRU JOB	yes
CSG. IN HOLE	12:10 PM	10/21/2006	Bbls CMT CIRC TO SURFACE	15 bbls
BEGIN CIRC	12:15 PM	21-Oct	RECIPROCATED PIPE FOR	THRUSTROKE NA
BEGIN PUMP CMT	2:21 PM	10/21/2006	DID BACK PRES. VALVE HOLD ?	yes
BEGIN DSPL. CMT	3:42 PM	10/21/2006	BUMPED PLUG TO	2208 PSI
PLUG DOWN	3:55pm	10/21/2006		

CEMENT USED		CEMENT COMPANY- B. J.
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	350	Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake
		mixed @ 11.0 ppg W / 3.43 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 Ray Herrera

DATE 10/21/2006

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 area code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 660 FNL 660 FEC
 NENE Section 17 T9S R16E

5. Lease Serial No.
 USA UTU-64379

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
 Federal 1-17-9-16

9. API Well No.
 4301333028

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

11. County or Parish, State
 DUCHESNE, UT

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

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

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

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 11/16/2006



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 _____	

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

NOV 17 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:
USA UTU-64379

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

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

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
Federal 1-17-9-16

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301333028

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: **660 FNL 660 FEL** COUNTY: **DUCHESNE**
OTR/OTR SECTION, TOWNSHIP, RANGE, MERIDIAN: **NENE, 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 11/17/2006	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

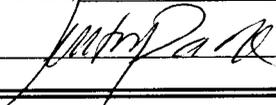
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Status report for time period 11/01/06 - 11/15/06

Subject well had completion procedures initiated in the Green River formation on 11-01-06 without the use of a service rig over the well. A cement bond log was run and a total of six Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5587'-5592'),(5572'-5578'); Stage #2 (5316'-5326'),(5347'-5362'); Stage #3 (5086'-5094'),(5101'-5111'); Stage #4 (4835'-4845'); Stage #5 (4668'-4682'), (4725'-4737'); Stage #6 (4174'-4183'). 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 11-12-2006. Bridge plugs were drilled out and well was cleaned to 5999'. 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 11-15-2006.

NAME (PLEASE PRINT) **Jentri Park**

TITLE **Production Clerk**

SIGNATURE 

DATE **11/17/2006**

(This space for State use only)

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NOV 21 2006

DIV. OF OIL, GAS & MINING

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.
UTU-64379

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

1a. TYPE OF WORK
OIL WELL GAS WELL DRY Other _____

1b. TYPE OF WELL
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF RESVR. Other _____

7. UNIT AGREEMENT NAME
Federal

8. FARM OR LEASE NAME, WELL NO.
Federal 1-17-9-16

2. NAME OF OPERATOR
Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.
1401 17th St. Suite 1000 Denver, CO 80202

9. WELL NO.
43-013-33028

10. FIELD AND POOL OR WILDCAT
Monument Butte

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*
At Surface **660' FNL & 660' FEL (NE/NE) Sec. 17, T9S, R16E**
At top prod. Interval reported below

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 17, T9S, R16E

At total depth

14. API NO. **43-013-33028** DATE ISSUED **01/26/06**

12. COUNTY OR PARISH **Duchesne** 13. STATE **UT**

15. DATE SPUNDED **09/13/06** 16. DATE T.D. REACHED **10/20/06** 17. DATE COMPL. (Ready to prod.) **11/15/06** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **5878' GL** 19. ELEV. CASINGHEAD **5890' KB**

20. TOTAL DEPTH, MD & TVD **6073'** 21. PLUG BACK T.D., MD & TVD **5999'** 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 4174'-5592'

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

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	324'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6021'	7-7/8"	350 sx Premlite II and 450 sx 50/50 Poz	

29. LINER RECORD **30. TUBING RECORD**

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5675'	TA @ 5553'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP1) 5587'-5592', 5572'-5578'	.46"	4/44	5592'-5572'	Frac w/ 25,276# 20/40 sand in 354 bbls fluid
(LODC) 5316'-5326', 5347'-5362'	.43"	4/100	5362'-5316'	Frac w/ 140,563# 20/40 sand in 964 bbls fluid
(A1) 5086'-5094', 5101'-5111'	.43"	4/72	5111'-5086'	Frac w/ 90,538# 20/40 sand in 724 bbls fluid
(C) 4835'-4845'	.43"	4/40	4835'-4845'	Frac w/ 30,222# 20/40 sand in 404 bbls fluid
(D1) 4668'-4682', 4725'-4737'	.43"	4/104	4737'-4668'	Frac w/ 80,170# 20/40 sand in 587 bbls fluid
(GB4) 4174'-4183'	.43"	4/36	4174'-4183'	Frac w/ 27,661 20/40 sand in 296 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION 11/15/06	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 10 X 14' RHAC SM Plunger Pump	WELL STATUS (Producing or shut-in) PRODUCING					
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PRODN. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
			----->	111	8	61	72
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL OR GAS TEST PERIOD	
		----->				RECEIVED	

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

TEST WITNESSED BY **NOV 30 2006**

35. LIST OF ATTACHMENTS
DIV. OF OIL, GAS & MINING

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

SIGNED *[Signature]* TITLE **Production Clerk** DATE **11/29/2006**

entri Park

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 1-17-9-16	Garden Gulch Mkr	3654'	
				Garden Gulch 1	3870'	
				Garden Gulch 2	3980'	
				Point 3 Mkr	4236'	
				X Mkr	4500'	
				Y-Mkr	4532'	
				Douglas Creek Mkr	4648'	
				BiCarbonate Mkr	4885'	
				B Limestone Mkr	4991'	
				Castle Peak	5534'	
				Basal Carbonate	5972'	
				Total Depth (LOGGERS)	6043'	



June 8, 2012

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

RECEIVED

JUN 12 2012

DIV. OF OIL, GAS & MINING

RE: Permit Application for Water Injection Well
Federal #1-17-9-16
Monument Butte Field, Lease #UTU-64379
Section 17-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #1-17-9-16 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", with a long horizontal line extending to the right.

Eric Sundberg
Regulatory Lead

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #1-17-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-64379
JUNE 8, 2012

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Federal 1-17-9-16

Spud Date: 9-13-06
 Put on Production: 11-15-06
 GL: 5878' KB: 5890'

Initial Production: BOPD,
 MCFD, BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

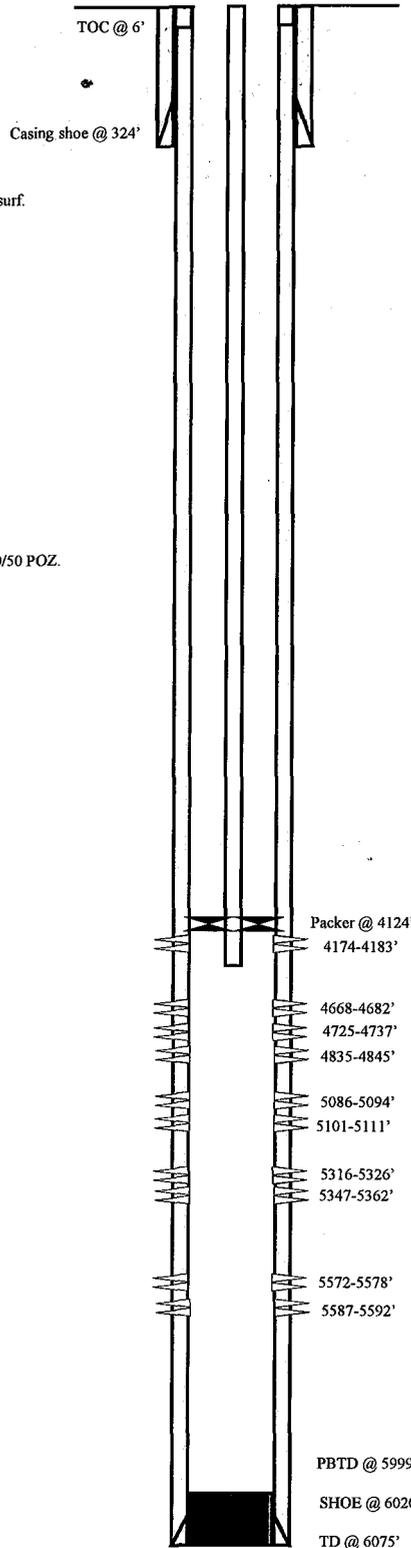
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (311.97')
 DEPTH LANDED: 323.82' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts (6007.66')
 DEPTH LANDED: 6020.91' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 6'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 183 jts (5544.7')
 TUBING ANCHOR: 5556.7' KB
 NO. OF JOINTS: 2 jts (63.1')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5622.6' KB
 NO. OF JOINTS: 2 jts (59.6')
 TOTAL STRING LENGTH: EOT @ 5684' KB



FRAC JOB

11-07-06	5572-5592'	Frac CP1 sands as follows: 25276# 20/40 sand in 354 bbls Lightning 17 frac fluid. Treated @ avg press of 2000 psi w/avg rate of 25.5 BPM. ISIP 2000 psi. Calc flush: 5100 gal. Actual flush: 5570 gal.
11-07-06	5316-5362'	Frac LODC sands as follows: 140563# 20/40 sand in 964 bbls Lightning 17 frac fluid. Treated @ avg press of 2425 psi w/avg rate of 25 BPM. ISIP 2450 psi. Calc flush: 4809 gal. Actual flush: 5314 gal.
11-08-06	5086-5111'	Frac A 1 sands as follows: 90538# 20/40 sand in 724 bbls Lightning 17 frac fluid. Treated @ avg press of psi w/avg rate of BPM. ISIP 2190 psi. Calc flush: 4578 gal. Actual flush: 5084 gal.
11-08-06	4835-4845'	Frac C sands as follows: 30222# 20/40 sand in 404 bbls Lightning 17 frac fluid. Treated @ avg press of 2105 w/ avg rate of 25.5 BPM. ISIP 2060 psi. Calc flush: 4368 gal. Actual flush: 4833 gal.
11-08-06	4668-4737'	Frac D1, & D2 sands as follows: 80170# 20/40 sand in 587 bbls Lightning 17 frac fluid. Treated @ avg press of 1932 w/ avg rate of 25.5 BPM. ISIP 2090 psi. Calc flush: 4162 gal. Actual flush: 4666 gal.
11-08-06	4174-4183'	Frac GB4 sands as follows: 27661# 20/40 sand in 296 bbls Lightning 17 frac fluid. Treated @ avg press of 1800 w/ avg rate of 25.3 BPM. ISIP 1818 psi. Calc flush: 4032 gal. Actual flush: 4172 gal.
4/13/11		Tubing leak. Updated rod & tubing detail.

PERFORATION RECORD

11-01-06	5587-5592'	4 JSPF	20 holes
11-01-06	5572-5578'	4 JSPF	24 holes
11-07-06	5347-5362'	4 JSPF	60 holes
11-07-06	5316-5326'	4 JSPF	40 holes
11-07-06	5101-5111'	4 JSPF	40 holes
11-07-06	5086-5094'	4 JSPF	32 holes
11-08-06	4835-4845'	4 JSPF	40 holes
11-08-06	4725-4737'	4 JSPF	48 holes
11-08-06	4668-4682'	4 JSPF	56 holes
11-08-06	4174-4183'	4 JSPF	36 holes

NEWFIELD

Federal 1-17-9-16

660' FNL & 660' FEL

NE/NE Section 17-T9S-R16E

Duchesne Co, Utah

API # 43-013-33028; Lease # UTU-64379

WORK PROCEDURE FOR INJECTION CONVERSION

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

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

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**

- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**
 - 2.1 The name and address of the operator of the project.**

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

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

See Attachment A.

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

Approval is requested to convert the Federal #1-17-9-16 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 #1-17-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3980' - 5999'). 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 3653' and the TD is at 6075'.

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

The referenced log for the Federal #1-17-9-16 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-64379) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

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

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

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

See Attachments A and B.

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

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

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

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

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

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

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

The casing program is 8-5/8", 24# surface casing run to 324' KB, and 5-1/2", 15.5# casing run from surface to 6021' 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 1791 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 #1-17-9-16, for existing perforations (4174' - 5592') calculates at 0.87 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1791 psig. We may add additional perforations between 3653' and 6075'. 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 #1-17-9-16, the proposed injection zone (3980' - 5999') 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-13.

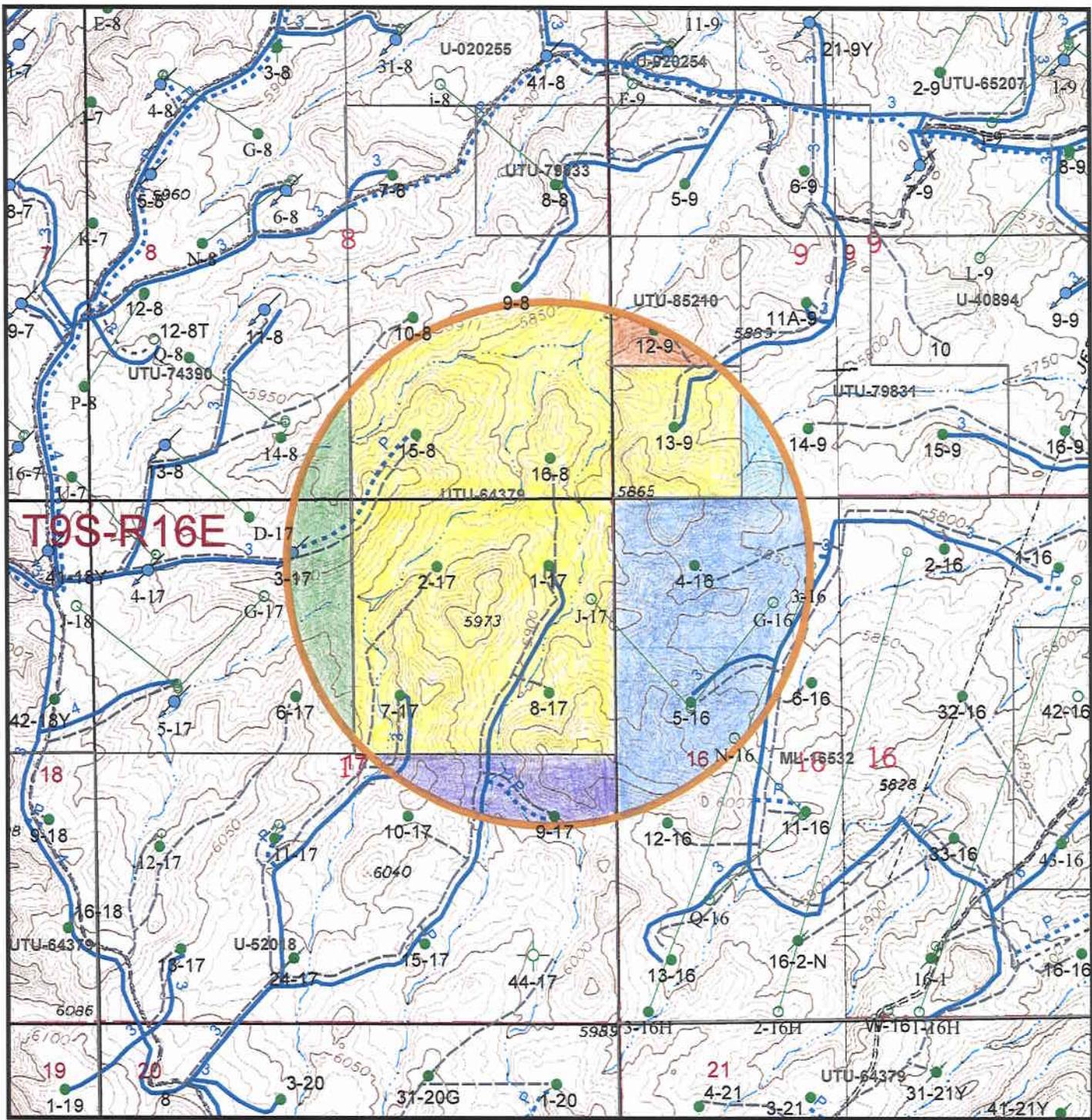
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

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

See Attachment C.

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

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



WellStatus_HalfMile_Buffer

Well Status

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

Injection system

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

— Countyline

▭ Leases

▭ Mining tracts

Handwritten notes on the right side of the legend:

- UTU-64379
- UTU-74390
- UTU-52018
- UTU-85210
- UTU-79831
- STUT ML-16532

Federal 1-17
Section 17, T 9S-R16E

NEWFIELD
ROCKY MOUNTAINS 1 in = 1,500 feet

1/2 Mile Radius Map
Duchesne & Uintah Counties

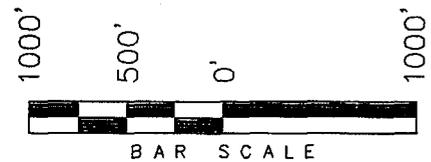
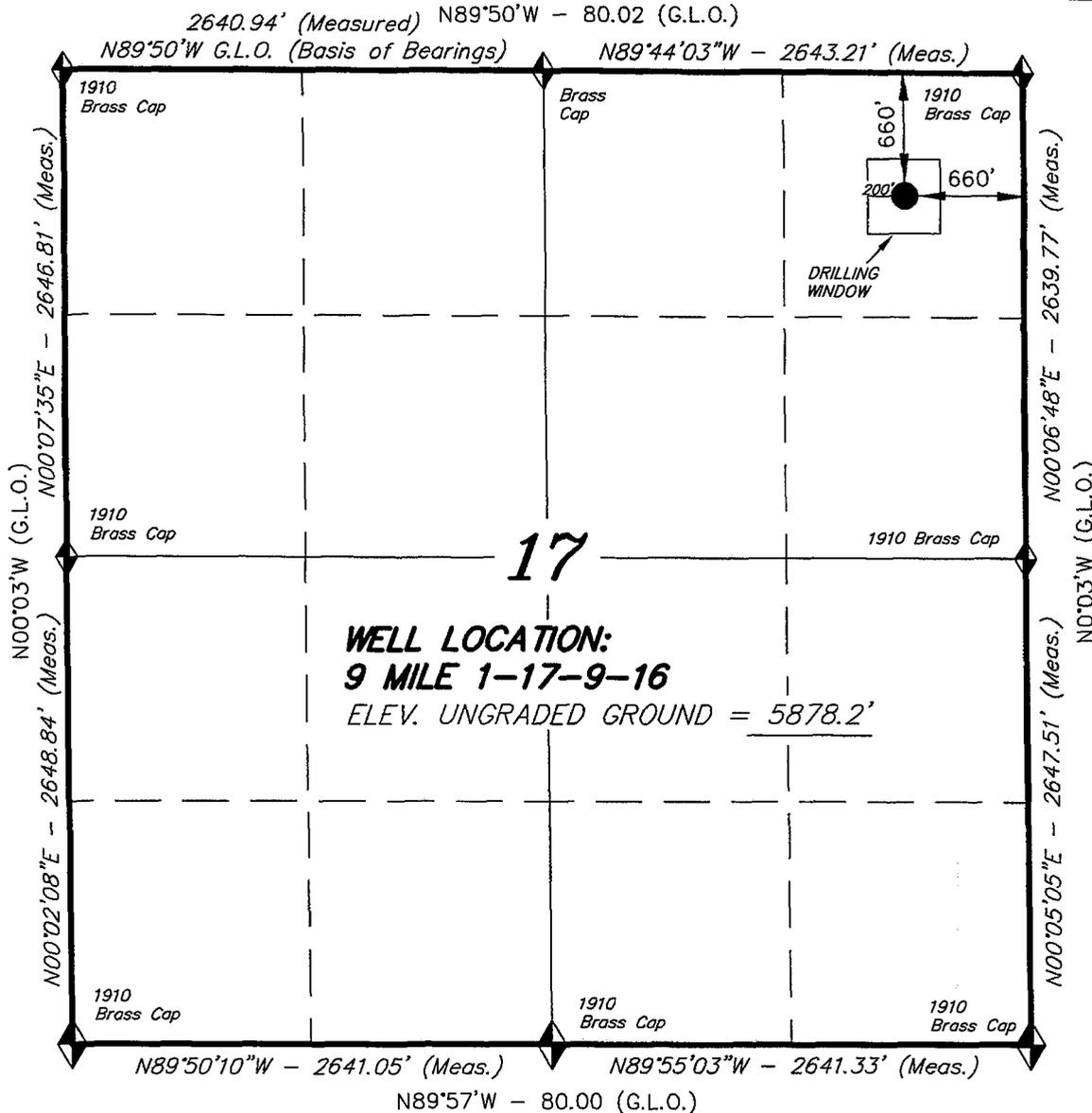
1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

May 2, 2012

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

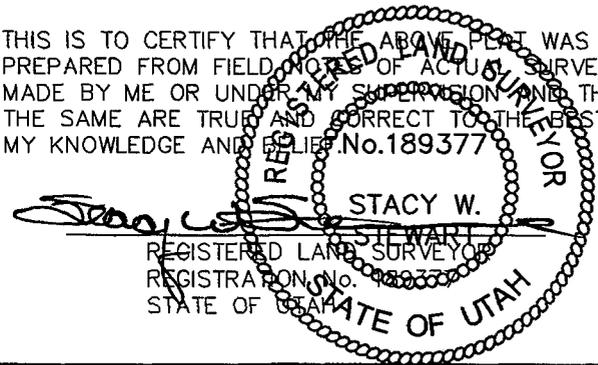
NEWFIELD PRODUCTION COMPANY

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



WELL LOCATION:
9 MILE 1-17-9-16
ELEV. UNGRADED GROUND = 5878.2'

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 1-17-9-16
(Surface Location) NAD 83
LATITUDE = 40° 02' 10.82"
LONGITUDE = 110° 08' 10.04"

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: 12-27-05	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, LOTS 3, 4 Section 19: NE, E2NW, LOTS 1, 2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corp	USA
2	T9S-R16E SLM Section 6: All Section 7: All Section 8: W2 Section 17: NW Section 18: NE, E2NW, LOTS 1, 2	USA UTU-74390 HBP	Newfield Production Company Newfield RMI LLC ABO Petro Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA
3	T9S-R16E SLM Section 17: S2 Section 20: N2	USA UTU-52018 HBP	Newfield Production Company Newfield RMI LLC	USA
4	T9S-R16E SLM Section 9: NWSW	USA UTU-85210 HBP	Newfield Production Company	USA
5	T9S-R16E SLM Section 9: E2SW, SWSE	USA UTU- 79831 HBP	Newfield Production Company Newfield RMI LLC	USA

6 T9S-616E SLM
Section 16: All

State of Utah
ML 16532
HBP

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

State of Utah

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #1-17-9-16

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.

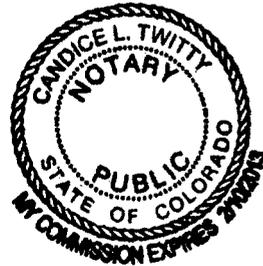
Signed: 
Newfield Production Company
Eric Sundberg
Regulatory Lead

Sworn to and subscribed before me this 8th day of June, 2012.

Notary Public in and for the State of Colorado: Candice L. Twitty

My Commission Expires
02/10/2013

My Commission Expires: _____



Federal 1-17-9-16

Spud Date: 9-13-06
 Put on Production: 11-15-06
 GL: 5878' KB: 5890'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (311.97')
 DEPTH LANDED: 323.82' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts (6007.66')
 DEPTH LANDED: 6020.91' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 6'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 183 jts (5544.7')
 TUBING ANCHOR: 5556.7' KB
 NO. OF JOINTS: 2 jts (63.1')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5622.6' KB
 NO. OF JOINTS: 2 jts (59.6')
 TOTAL STRING LENGTH: EOT @ 5684' KB

SUCKER RODS

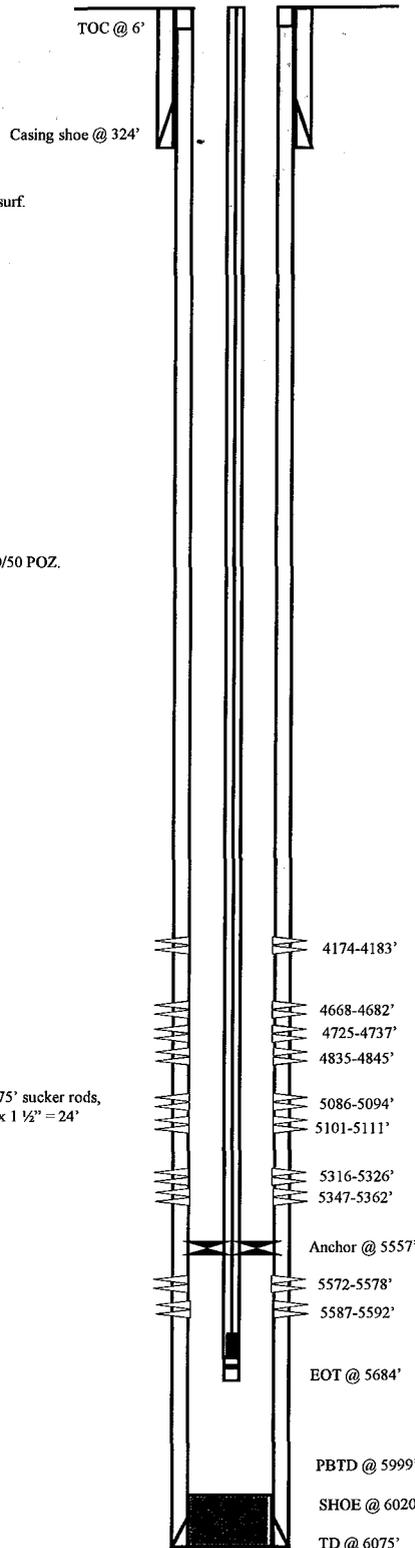
POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 99 x 3/4" = 2475 guided rods, 107 x 3/4" = 2675' sucker rods, 10 x 3/4" = 250' guided rods, 6 x 1 1/2" = 150' weighted bars, 6 x 1 1/2" = 24' stabilizer rod
 PUMP SIZE: 2-1/2" x 1-1/4" x 12" x 16 RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM

FRAC JOB

11-07-06	5572-5592'	Frac CP1 sands as follows: 25276# 20/40 sand in 354 bbls Lightning 17 frac fluid. Treated @ avg press of 2000 psi w/avg rate of 25.5 BPM. ISIP 2000 psi. Calc flush: 5107 gal. Actual flush: 5570 gal.
11-07-06	5316-5362'	Frac LODC sands as follows: 140563# 20/40 sand in 964 bbls Lightning 17 frac fluid. Treated @ avg press of 2425 psi w/avg rate of 25 BPM. ISIP 2450 psi. Calc flush: 4809 gal. Actual flush: 5314 gal.
11-08-06	5086-5111'	Frac A 1 sands as follows: 90538# 20/40 sand in 724 bbls Lightning 17 frac fluid. Treated @ avg press of psi w/avg rate of BPM. ISIP 2190 psi. Calc flush: 4578 gal. Actual flush: 5084 gal.
11-08-06	4835-4845'	Frac C sands as follows: 30222# 20/40 sand in 404 bbls Lightning 17 frac fluid. Treated @ avg press of 2105 w/avg rate of 25.5 BPM. ISIP 2060 psi. Calc flush: 4368 gal. Actual flush: 4833 gal.
11-08-06	4668-4737'	Frac D1, & D2 sands as follows: 80170# 20/40 sand in 587 bbls Lightning 17 frac fluid. Treated @ avg press of 1932 w/avg rate of 25.5 BPM. ISIP 2090 psi. Calc flush: 4162 gal. Actual flush: 4666 gal.
11-08-06	4174-4183'	Frac GB4 sands as follows: 27661# 20/40 sand in 296 bbls Lightning 17 frac fluid. Treated @ avg press of 1800 w/avg rate of 25.3 BPM. ISIP 1818 psi. Calc flush: 4032 gal. Actual flush: 4172 gal.
4/13/11		Tubing leak. Updated rod & tubing detail.

PERFORATION RECORD

11-01-06	5587-5592'	4 JSPF	20 holes
11-01-06	5572-5578'	4 JSPF	24 holes
11-07-06	5347-5362'	4 JSPF	60 holes
11-07-06	5316-5326'	4 JSPF	40 holes
11-07-06	5101-5111'	4 JSPF	40 holes
11-07-06	5086-5094'	4 JSPF	32 holes
11-08-06	4835-4845'	4 JSPF	40 holes
11-08-06	4725-4737'	4 JSPF	48 holes
11-08-06	4668-4682'	4 JSPF	56 holes
11-08-06	4174-4183'	4 JSPF	36 holes



NEWFIELD

Federal 1-17-9-16

660' FNL & 660' FEL

NE/NE Section 17-T9S-R16E

Duchesne Co, Utah

API # 43-013-33028; Lease # UTU-64379

Federal 12-9-9-16

Attachment E-1

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

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (300')
 DEPTH LANDED: 312'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 210 sxs Class "G" cmt.

PRODUCTION CASING

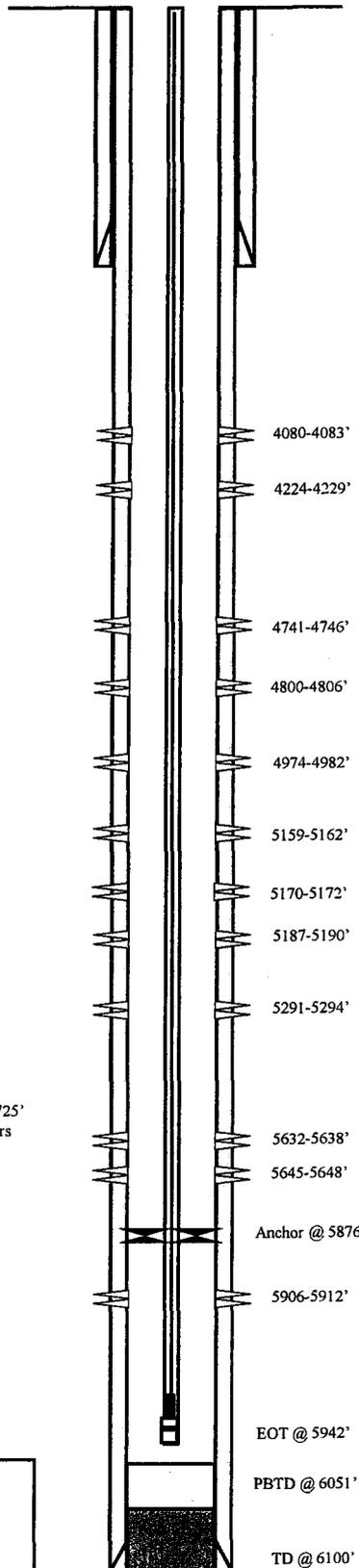
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 155 jts (6039')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 6093 01'
 CEMENT DATA: 265 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 40'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 185 jts (5832.3')
 TUBING ANCHOR: 5876'
 NO. OF JOINTS: 1 jts (31.5')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5879.7' KB
 NO. OF JOINTS: 2 jts (62')
 TOTAL STRING LENGTH: EOT @ 5941 75'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 100 - 3/4" = 2500' 4 per guided rods, 109 - 3/4" = 2725'
 sucker rod, 20 - 3/4" = 500' 4 per guided rods, 6-1 1/2" = 150' weight bars
 PUMP SIZE: 2 1/2" x 1 1/2" x 16' x 20' RHAC pump
 STROKE LENGTH: 120
 PUMP SPEED, SPM 5



FRAC JOB

08-31-09	5906 - 5912'	Frac CP4 sands as follows: Frac with 15001# 20/40 sand in 125 bbls Lightning 17 fluid.
08-31-09	5632 - 5648'	Frac CP1 sands as follows: Frac with 71037# 20/40 sand in 426 bbls Lightning 17 fluid.
08-31-09	5159 - 5294'	Frac A3 & LODC sands as follows: Frac with 116748# 20/40 sand in 700 bbls Lightning 17 fluid.
08-31-09	4974 - 4982'	Frac B1 sands as follows: Frac with 50899# 20/40 sand in 307 bbls Lightning 17 fluid.
08-31-09	4741 - 4806'	Frac D1 & D2 sands as follows: Frac with 136468# 20/40 sand in 834 bbls Lightning 17 fluid.
08-31-09	4080 - 4229'	Frac GB4 & GB2 sands as follows: Frac with 43808# 20/40 sand in 291 bbls Lightning 17 fluid.
10-28-09		Tubing Leak. Updated rod & tubing details.
10-09-10		Pump Change. Rod & tubing updated.
5/26/11		Tubing Leak. Updated rod and tubing detail.

PERFORATION RECORD

5906 - 5912'	3 JSPF	18 holes
5645 - 5648'	3 JSPF	9 holes
5632 - 5638'	3 JSPF	18 holes
5291 - 5294'	3 JSPF	9 holes
5187 - 5190'	3 JSPF	9 holes
5170 - 5172'	3 JSPF	6 holes
5159 - 5162'	3 JSPF	9 holes
4974 - 4982'	3 JSPF	24 holes
4800 - 4806'	3 JSPF	18 holes
4741 - 4746'	3 JSPF	15 holes
4224 - 4229'	3 JSPF	15 holes
4080 - 4083'	3 JSPF	9 holes



Federal 12-9-9-16
 1710' FSL & 443' FWL NW/SW
 Section 9-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33969; Lease #UTU-85210

FEDERAL 13-9-9-16

Spud Date: 04/21/07
 Put on Production: 5/31/07
 GL: 5878' KB: 5890'

Initial Production: 63 BOPD,
 11 MCFD, 56 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (313.03')
 DEPTH LANDED: 323.03' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts (6018.39')
 DEPTH LANDED: 6014.39' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 TOP OF CEMENT: Surface

TUBING

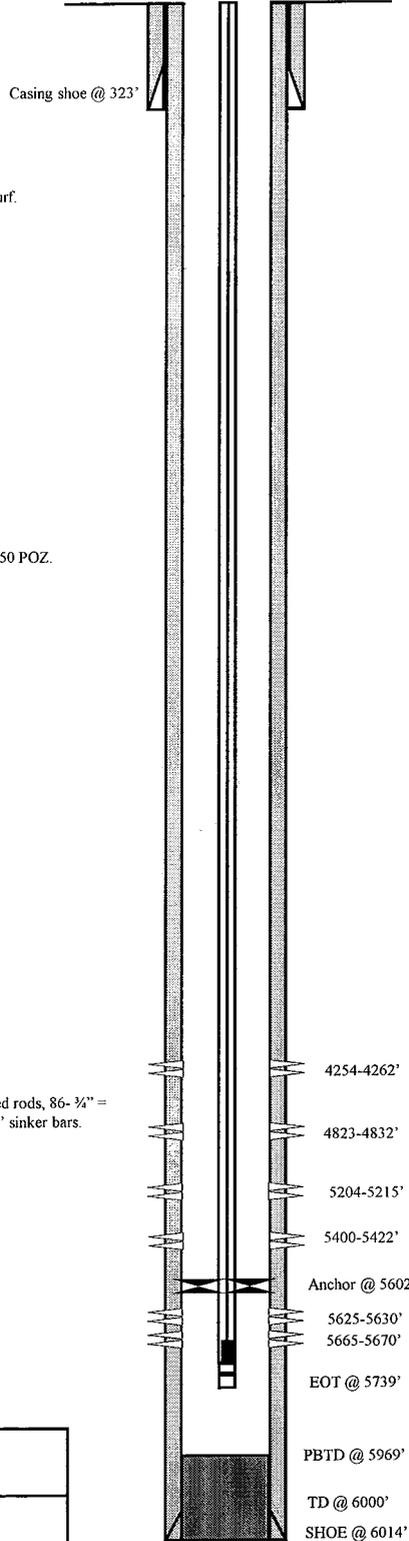
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 179 jts (5597.6')
 TUBING ANCHOR: 5609.6' KB
 NO. OF JOINTS: 2 jts (62.6')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5675.0' KB
 NO. OF JOINTS: 2 jts (62.7')
 TOTAL STRING LENGTH: EOT @ 5739' KB

SUCKER RODS

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

FRAC JOB

05/25/07	5625-5670'	Frac CP.5 & CP2 sands as follows: 14942# 20/40 sand in 271 bbls Lightning 17 frac fluid. Treated @ avg press of 2299 psi w/avg rate of 24.6 BPM. ISIP 2063 psi. Calc flush: 5623 gal. Actual flush: 5120 gal.
05/25/07	5400-5422'	Frac L.ODC sands as follows: 138714# 20/40 sand in 970 bbls Lightning 17 frac fluid. Treated @ avg press of 2903 psi w/avg rate of 24.7 BPM. ISIP 3560 psi. Calc flush: 5398 gal. Actual flush: 4893 gal.
05/25/07	5204-5215'	Frac A3 sands as follows: 55148# 20/40 sand in 467 bbls Lightning 17 frac fluid. Treated @ avg press of 2274 psi w/avg rate of 24.6 BPM. ISIP 2052 psi. Calc flush: 5202 gal. Actual flush: 4696 gal.
05/25/07	4823-4832'	Frac D2 sands as follows: 50506# 20/40 sand in 419 bbls Lightning 17 frac fluid. Treated @ avg press of 1952 psi w/avg rate of 24.7 BPM. ISIP 2034 psi. Calc flush: 4821 gal. Actual flush: 4284 gal.
05/25/07	4254-4262'	Frac GB4 sands as follows: 13089# 20/40 sand in 202 bbls Lightning 17 frac fluid. Treated @ avg press of 1894 psi w/avg rate of 24.5 BPM. ISIP 1700 psi. Calc flush: 4252 gal. Actual flush: 4200 gal.
2/24/09		Tubing Leak. Updated r & t details.
1/29/10		Tubing Leak. Updated rod and tubing detail.
8/1/2010		Parted rods. Updated rod and tubing detail.
11/24/2010		Parted rods. Updated rod and tubing detail.
5/20/11		Tubing leak. Updated rod and tubing detail.



PERFORATION RECORD

05/14/07	5665-5670'	4 JSPF	20 holes
05/14/07	5625-5630'	4 JSPF	20 holes
05/25/07	5400-5422'	4 JSPF	88 holes
05/25/07	5204-5215'	4 JSPF	44 holes
05/25/07	4823-4832'	4 JSPF	36 holes
05/25/07	4254-4262'	4 JSPF	32 holes



FEDERAL 13-9-9-16
 734'FSL & 625' FWL
 SW/SW Section 9-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33052; Lease # UTU-64379

Federal 16-8-9-16

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

Initial Production: BOPD,
 MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (308.18')
 DEPTH LANDED: 320.03' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 138 jts. (6054.21')
 DEPTH LANDED: 6104.47' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 301 sxs Prem. Lite II mixed & 449 sxs 50/50 POZ.

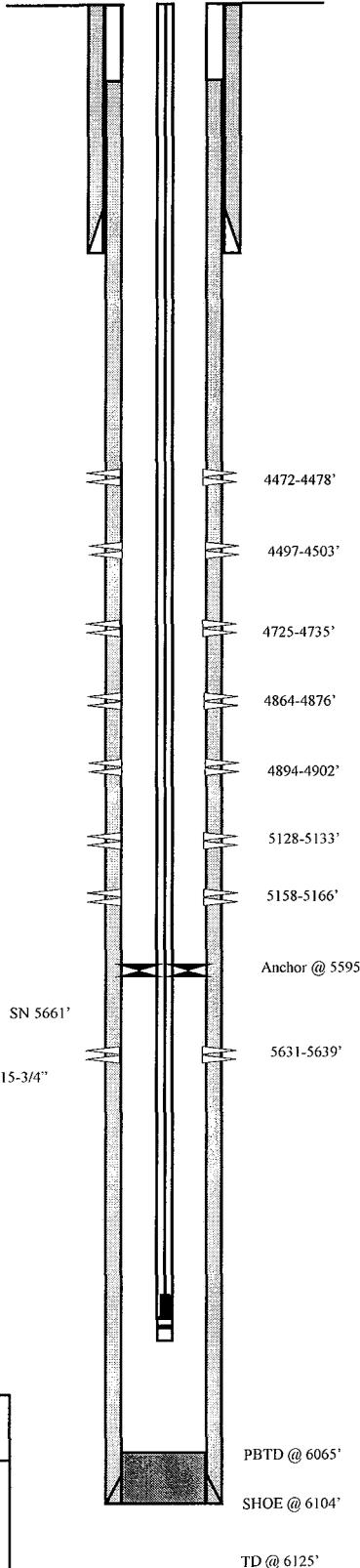
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 177 jts (5583.61')
 TUBING ANCHOR: 5595.61' KB
 NO. OF JOINTS: jts (63.06')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5661.42' KB
 NO. OF JOINTS: 2 jts (63.12')
 TOTAL STRING LENGTH: EOT @ 5726.09' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-8", 1-4" 1-2" x 3/4" pony rod, 94-3/4" guided rods, 115-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 14.5' RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, 5 SPM:

Wellbore Diagram



FRAC JOB

03/13/07	5627-5732'	Frac CP2, sands as follows: 26883# 20/40 sand in 357 bbls Lightning 17 frac fluid. Treated @ avg press of 2479 psi w/avg rate of 25.2 BPM. ISIP 2080 psi. Calc flush: 5730 gal. Actual flush: 5124 gal.
03/13/07	5128-5166'	Frac A3 sands as follows: 24821# 20/40 sand in 347bbls Lightning 17 frac fluid. Treated @ avg press of 2094psi w/avg rate of 25.2 BPM. ISIP 2080 psi. Calc flush: 5164 gal. Actual flush: 4624 gal.
03/13/07	4864-4902'	Frac C sands as follows: 95479# 20/40 sand in 684 bbls Lightning 17 frac fluid. Treated @ avg press of 1795 psi w/avg rate of 25.2 BPM. ISIP 2133 psi. Calc flush: 4900 gal. Actual flush: 4364 gal.
03/13/07	4725-4735'	Frac D1 sands as follows: 45323# 20/40 sand in 377 bbls Lightning 17 frac fluid. Treated @ avg press of 1834 psi w/avg rate of 25.2 BPM. ISIP 2100 psi. Calc flush: 4733 gal. Actual flush: 4204 gal.
03/13/07	4472-4503'	Frac PB10, PB11 sands as follows: 22086# 20/40 sand in 270 bbls Lightning 17 frac fluid. Treated @ avg press of 2550 psi w/avg rate of 25.3 BPM. ISIP 2425 psi. Calc flush: 4501 gal. Actual flush: 4368 gal.

PERFORATION RECORD

03/01/07	5631-5639'	4 JSPF	32 holes
03/13/07	5158-5166'	4 JSPF	32 holes
03/13/07	5128-5133'	4 JSPF	20 holes
03/13/07	4894-4902'	4 JSPF	32 holes
03/13/07	4864-4876'	4 JSPF	48 holes
03/13/07	4725-4735'	4 JSPF	40 holes
03/13/07	4497-4503'	4 JSPF	24 holes
03/13/07	4472-4478'	4 JSPF	24 holes



Federal 16-8-9-16
 418' FSL & 629' FEL
 SE/SE Section 8-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33061; Lease #UTU-64379

Federal 15-8-9-16

Spud Date: 01/11/07
 Put on Production: 03/09/07
 K.B.: 5934, G.L.: 5922

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (294.01')
 DEPTH LANDED: 305.86' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

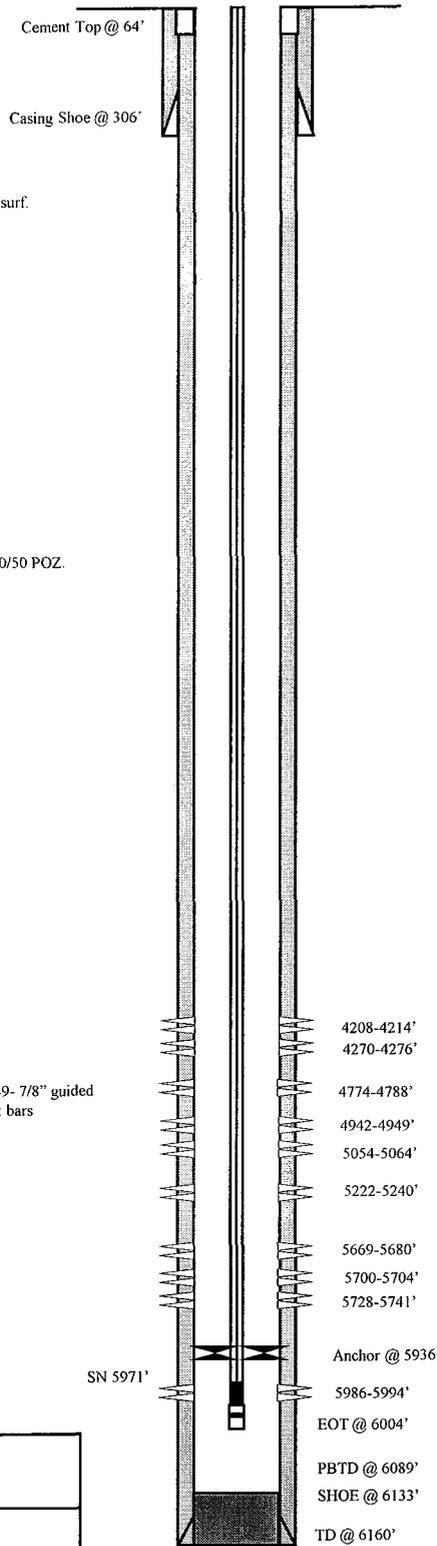
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 139 jts. (6120.05')
 DEPTH LANDED: 6133.30' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP: 64'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 187 jts (5925.9')
 TUBING ANCHOR: 5935.9' KB
 NO. OF JOINTS: 1 jts (31.8')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5970.5' KB
 NO. OF JOINTS: 1 jts (31.6')
 TOTAL STRING LENGTH: EOT @ 6004' KB

SUCKER RODS

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



FRAC JOB

03/02/07	5986-5994'	Frac CP5 sands as follows: 20494# 20/40 sand in 312 bbls Lightning 17 frac fluid. Treated @ avg press of 2232 psi w/avg rate of 24.9 BPM. ISIP 2044 psi. Calc flush: 5992 gal. Actual flush: 5477 gal.
03/02/07	5669-5741'	Frac CP1,CP2 sands as follows: 80764# 20/40 sand in 604 bbls Lightning 17 frac fluid. Treated @ avg press of 1494 psi w/avg rate of 24.8 BPM. ISIP 1909 psi. Calc flush: 5739 gal. Actual flush: 5124 gal.
03/02/07	5222-5240'	Frac A1 sands as follows: 161764# 20/40 sand in 1071 bbls Lightning 17 frac fluid. Treated @ avg press of 1500 psi w/avg rate of 24.9 BPM. ISIP 1944 psi. Calc flush: 5238 gal. Actual flush: 5250 gal.
03/05/07	5054-5064'	Frac B2 sands as follows: 29798# 20/40 sand in 385 bbls Lightning 17 frac fluid. Treated @ avg press of 1628 psi w/avg rate of 25.2 BPM. ISIP 1839 psi. Calc flush: 5062 gal. Actual flush: 4578 gal.
03/06/07	4942-4949'	Frac C sands as follows: 29152# 20/40 sand in 371 bbls Lightning 17 frac fluid. Treated @ avg press of 2111 psi w/avg rate of 24.9 BPM. ISIP 1839psi. Calc flush: 4947 gal. Actual flush: 4452 gal.
03/06/07	4774-4788'	Frac D1 sands as follows: 79970# 20/40 sand in 595 bbls Lightning 17 frac fluid. Treated @ avg press of 1620 psi w/avg rate of 25.1 BPM. ISIP 2065 psi. Calc flush: 4786 gal. Actual flush: 4242 gal.
03/06/07	4208-4276'	Frac GB2, GB4 sands as follows: 42220# 20/40 sand in 360 bbls Lightning 17 frac fluid. Treated @ avg press of 2038 psi w/avg rate of 24.9 BPM. ISIP 1970 psi. Calc flush: 4274 gal. Actual flush: 4116 gal.
2/24/09		Pump Change. Updated rod & tubing details.
11/25/09		Parted rods. Updated rod and tubing detail
9/7/2010		Parted rods. Updated rod and tubing detail.
10/1/2010		Pump change. Updated rod and tubing detail.

PERFORATION RECORD

02/21/07	5986-5994'	4 JSPF	32 holes
03/02/07	5728-5741'	4 JSPF	52 holes
03/02/07	5700-5704'	4 JSPF	16 holes
03/02/07	5669-5680'	4 JSPF	44 holes
03/02/07	5222-5240'	4 JSPF	72 holes
03/02/07	5054-5064'	4 JSPF	40 holes
03/05/07	4942-4949'	4 JSPF	28 holes
03/06/07	4774-4788'	4 JSPF	56 holes
03/06/07	4270-4276'	4 JSPF	24 holes
03/06/07	4208-4214'	4 JSPF	24 holes

NEWFIELD

Federal 15-8-9-16

703' FSL & 1952' FEL.

SW/SE Section 8-T9S-R16E

Duchesne Co, Utah

API #43-013-33060; Lease #UTU-64379

Federal 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

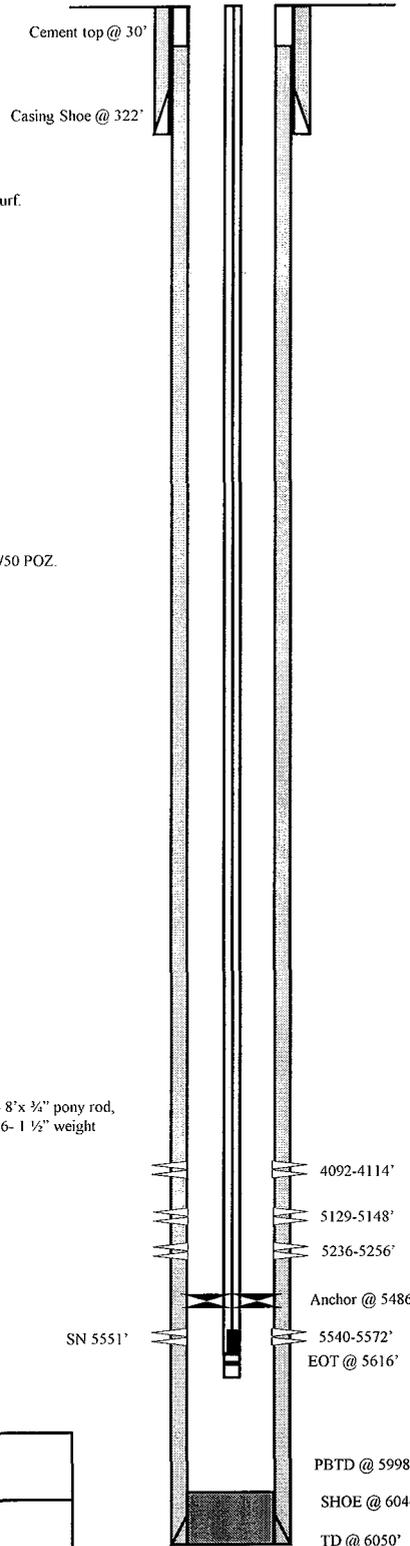
POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1- 2' x 3/4" pony rod, 1- 6' x 3/4" pony rod, 1- 8' x 3/4" pony rod,
 99- 3/4" guided rods, 86- 3/4" guided rods, 30- 3/4" guided rods, 6- 1 1/2" weight
 bars
 PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC pump
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM

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 JSPF	128 holes
10-27-06	5236-5256'	4 JSPF	80 holes
10-27-06	5129-5148'	4 JSPF	76 holes
10-27-06	4092-4114'	4 JSPF	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 8-17-9-16

Spud Date: 09/12/06
 Put on Production: 11/09/06
 K.B.: 5918, G.L.: 5906

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (311.03')
 DEPTH LANDED: 323.45' 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. (6032.95')
 DEPTH LANDED: 6046.20' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP: 10'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 164 jts (5260.26')
 TUBING ANCHOR: 5272.26' KB
 NO. OF JOINTS: 1 jts (32.50')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5307.56' KB
 NO. OF JOINTS: 2 jts (66.03')
 TOTAL STRING LENGTH: EOT @ 5375.14' KB

SUCKER RODS

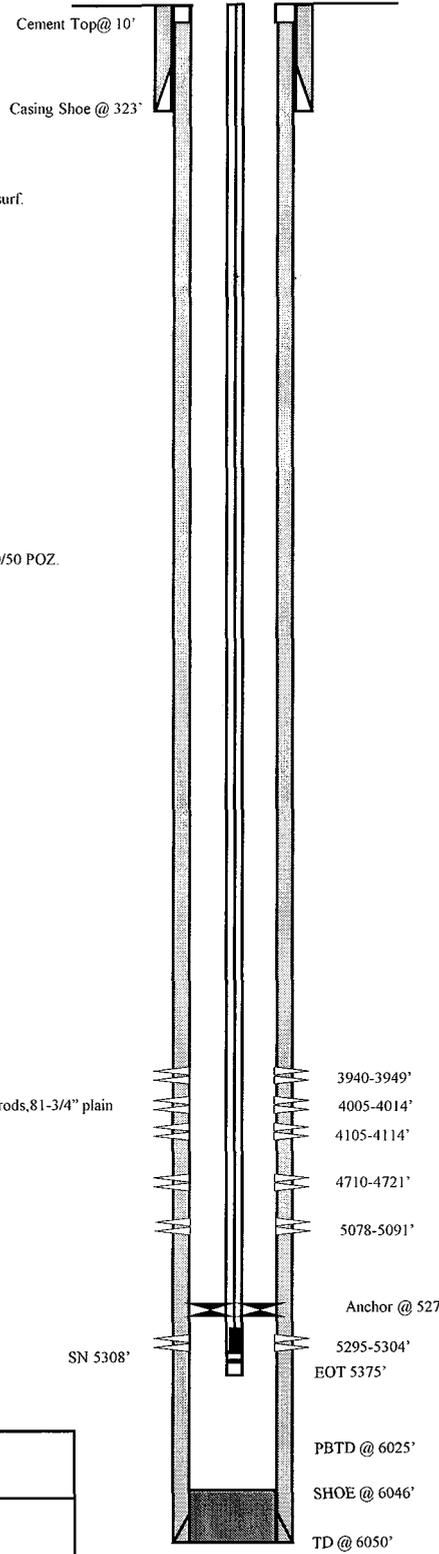
POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-8", 2-4' x 3/4" pony rod, 92-3/4" guided rods, 81-3/4" plain rods, 30-3/4" scraped rods, 6-1 1/2" weight rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 14" RHAC w/SM plunger
 STROKE LENGTH: 84"
 PUMP SPEED, 5 SPM:

FRAC JOB

11/06/06	5295-5304'	Frac LODC sands as follows: 30252# 20/40 sand in 392 bbls Lightning 17 frac fluid. Treated @ avg press of 3045 psi w/avg rate of 24.9 BPM. ISIP 2580 psi. Calc flush: 5302 gal. Actual flush: 4767 gal.
11/06/06	4710-4721'	Frac C sands as follows: 41525# 20/40 sand in 417bbls Lightning 17 frac fluid. Treated @ avg press of 1996 psi w/avg rate of 25.1BPM. ISIP 1960 psi. Calc flush: 4719 gal. Actual flush 4204 gal.
11/06/06	4105-4114'	Frac GB4 sands as follows: 21385# 20/40 sand in 280 bbls Lightning 17 frac fluid. Treated @ avg press of 1809 psi w/avg rate of 25.8 BPM. ISIP 1610 psi. Calc flush: 4112 gal. Actual flush: 3637 gal.
11/06/06	3940-4014'	Frac GB2 sands as follows: 68288# 20/40 sand in 591 bbls Lightning 17 frac fluid. Treated @ avg press of 1782 psi w/avg rate of 25.3 BPM. ISIP 1505 psi. Calc flush: 4012 gal. Actual flush: 3822 gal.
7/23/08		HIT. Rod & tubing updated.

PERFORATION RECORD

10/25/06	5295-5304'	4 JSPF	36 holes
11/06/06	5078-5091'	4 JSPF	52 holes
11/06/06	4710-4721'	4 JSPF	44 holes
11/06/06	4105-4114'	4 JSPF	36 holes
11/06/06	3940-3949'	4 JSPF	36 holes



NEWFIELD

Federal 8-17-9-16

1944' FNL & 675' FEL

SE/NE Section 17-T9S-R16E

Duchesne Co, Utah

API #43-013-33031; Lease #UTU-64379

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

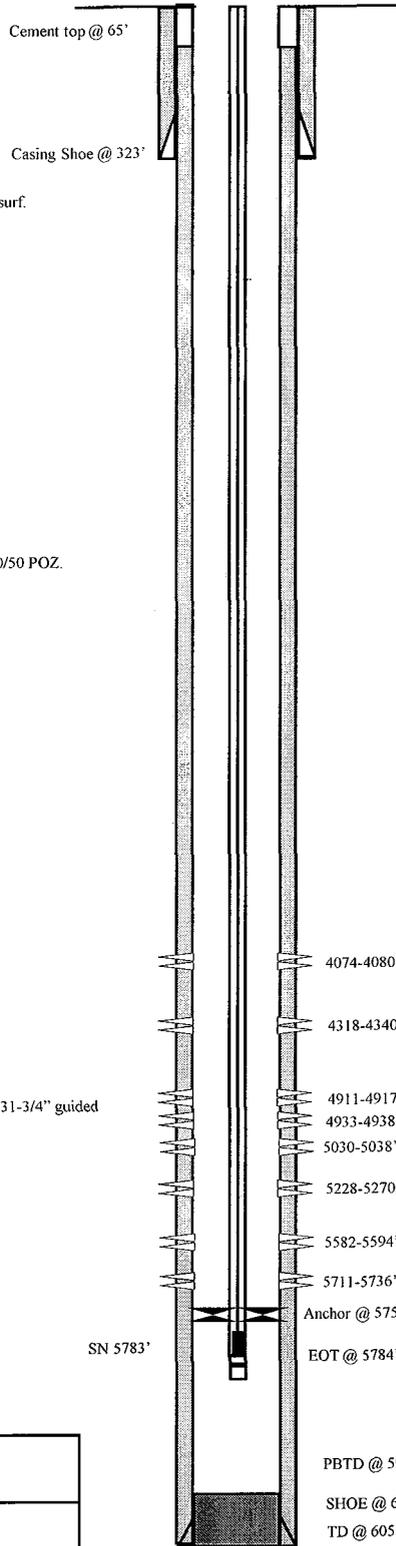
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts (6031.04')
 DEPTH LANDED: 6044.29' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 525 sxs 50/50 POZ.
 CEMENT TOP AT: 65'

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

Federal 2-17-9-16

Spud Date: 08/29/06
 Put on Production: 10/10/06
 K.B.: 5898, G.L.: 5886

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (311.30')
 DEPTH LANDED: 323.15' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 138 jts. (6063.92')
 DEPTH LANDED: 6063.17' 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: 180 jts (5692.60')
 TUBING ANCHOR: 5693' KB
 NO. OF JOINTS: 2 jts (63.23')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5759' KB
 NO. OF JOINTS: 2 jts (63.21')
 TOTAL STRING LENGTH: EOT @ 5823' KB

SUCKER RODS

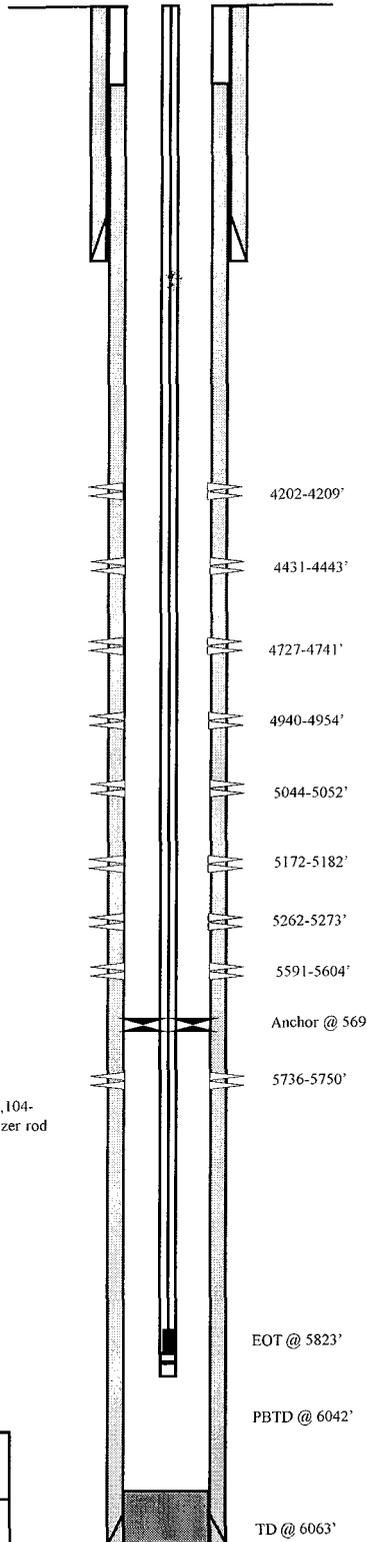
POLISHED ROD: 1-1/2" x 26' SM
 SUCKER RODS: 3-4', 1-6', 1-8' x 3/4" pony rod, 99-3/4" guided rods, 104-3/4" sucker rods, 20-3/4" guided rods, 6-1 1/2" weight rods, 1-1" Stabilizer rod
 PUMP SIZE: 2-1/2" x 1-1/2" x 14' x 16' RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, 5 SPM:

FRAC JOB

10/03/06	5736-5750'	Frac CP3, sands as follows: 29681# 20/40 sand in 375 bbls Lightning 17 frac fluid. Treated @ avg press of 2184 psi w/avg rate of 24.9 BPM. ISIP 2000 psi. Calc flush: 5748 gal. Actual flush: 5250 gal.
10/03/06	5591-5604'	Frac CP1 sands as follows: 34101# 20/40 sand in 395 bbls Lightning 17 frac fluid. Treated @ avg press of 2194 psi w/avg rate of 24.6 BPM. ISIP 2050 psi. Calc flush: 5602 gal. Actual flush: gal.
10/03/06	5262-5273'	Frac LODC sands as follows: 49346# 20/40 sand 429 bbls Lightning 17 frac fluid. Treated @ avg press of 2882 psi w/avg rate of 24.6 BPM. ISIP 2700 psi. Calc flush: 5271 gal. Actual flush: 4788 gal.
10/03/06	5172-5182'	Frac A3 sands as follows: 29420# 20/40 sand in 358 bbls Lightning 17 frac fluid. Treated @ avg press of 2296 psi w/avg rate of 24.7 BPM. ISIP 2150 psi. Calc flush: 5180 gal. Actual flush: 4662 gal.
10/04/06	5044-5052'	Frac A1 sands as follows: 34720# 20/40 sand in 386 bbls Lightning 17 frac fluid. Treated @ avg press of 2198 psi w/avg rate of 24.8 BPM. ISIP 2600 psi. Calc flush: 5050 gal. Actual flush: 4368 gal.
10/04/06	4940-4954'	Frac B2 sands as follows: 59969# 20/40 sand in 475 bbls Lightning 17 frac fluid. Treated @ avg press of 1792 psi w/avg rate of 24.9 BPM. ISIP 1900 psi. Calc flush: 4952 gal. Actual flush: 4368 gal.
10/04/06	4727-4741'	Frac D2 sands as follows: 34580# 20/40 sand in 374 bbls Lightning 17 frac fluid. Treated @ avg press of 1871 psi w/avg rate of 24.9 BPM. ISIP 2050 psi. Calc flush: 4739 gal. Actual flush: 4242 gal.
10/04/06	4431-4443'	Frac PB10 sands as follows: 50316# 20/40 sand in 406 bbls Lightning 17 frac fluid. Treated @ avg press of 2487 psi w/avg rate of 24.7 BPM. ISIP 2650 psi. Calc flush: 4441 gal. Actual flush: 3948 gal.
10/04/06	4202-4209'	Frac GB6 sands as follows: 31683# 20/40 sand in 336 bbls Lightning 17 frac fluid. Treated @ avg press of 2175 psi w/avg rate of 24.9 BPM. ISIP 2200 psi. Calc flush: 4207 gal. Actual flush: 4074 gal.
05/20/11		Pump Change. Rod & tubing details updated.

PERFORATION RECORD

09/29/06	5736-5750'	4 JSPF	56 holes
10/03/06	5591-5604'	4 JSPF	52 holes
10/03/06	5262-5273'	4 JSPF	44 holes
10/03/06	5172-5182'	4 JSPF	40 holes
10/03/06	5044-5052'	4 JSPF	32 holes
10/04/06	4940-4954'	4 JSPF	56 holes
10/04/06	4727-4741'	4 JSPF	56 holes
10/04/06	4431-4443'	4 JSPF	48 holes
10/04/06	4202-4209'	4 JSPF	28 holes





Federal 2-17-9-16
 669' FNL & 1785' FEL
 NW/NE Section 17-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33029; Lease #UTU-64379

Federal 15-8-9-16

Spud Date: 01/11/07
 Put on Production: 03/09/07
 K.B.: 5934, G.L.: 5922

Initial Production: BOPD,
 MCFD. BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (294.01')
 DEPTH LANDED: 305.86' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt. est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 139 jts. (6120.05')
 DEPTH LANDED: 6133.30' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP: 64'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 187 jts (5925.9')
 TUBING ANCHOR: 5935.9' KB
 NO. OF JOINTS: 1 jts (31.8')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5970.5' KB
 NO. OF JOINTS: 1 jts (31.6')
 TOTAL STRING LENGTH: EOT @ 6004' KB

SUCKER RODS

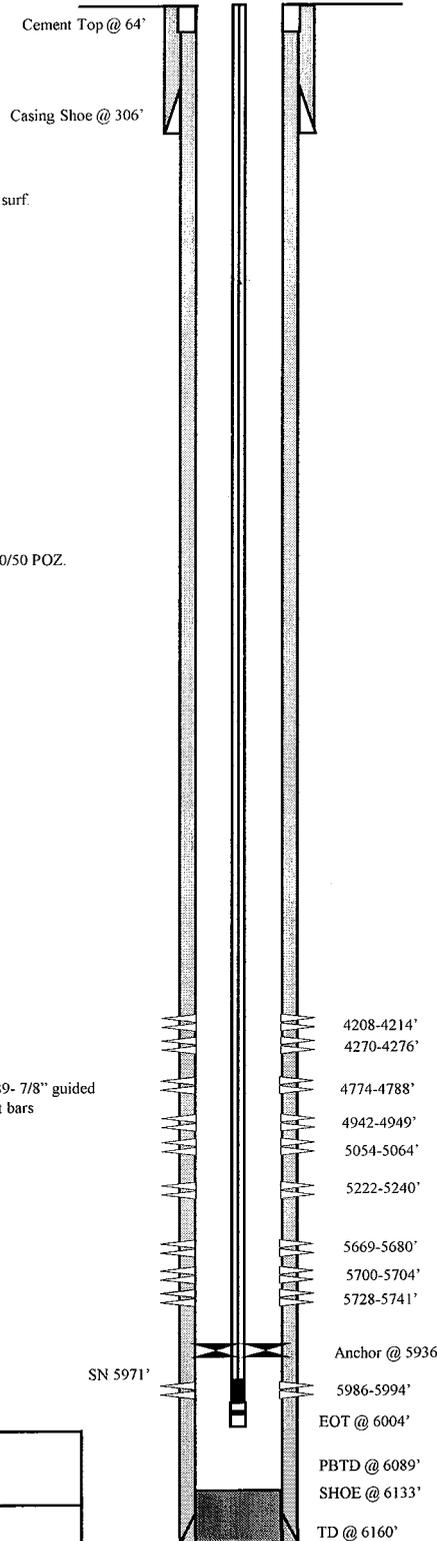
POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-2' x 7/8" pony rod, 1-8' x 3/4" pony rods, 89- 7/8" guided rods, 119- 3/4" sucker rods, 23- 3/4" guided rods, 6- 1 1/2" weight bars
 PUMP SIZE: 2-1/2" x 1-1/2" x 14' x 16' RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5

FRAC JOB

03/02/07	5986-5994'	Frac CP5 sands as follows: 20494# 20/40 sand in 312 bbls Lightning 17 frac fluid. Treated @ avg press of 2232 psi w/avg rate of 24.9 BPM. ISIP 2044 psi. Calc flush: 5992 gal. Actual flush: 5477 gal.
03/02/07	5669-5741'	Frac CP1,CP2 sands as follows: 80764# 20/40 sand in 604 bbls Lightning 17 frac fluid. Treated @ avg press of 1494 psi w/avg rate of 24.8 BPM. ISIP 1909 psi. Calc flush: 5739 gal. Actual flush: 5124 gal.
03/02/07	5222-5240'	Frac A1 sands as follows: 161764# 20/40 sand in 1071 bbls Lightning 17 frac fluid. Treated @ avg press of 1500 psi w/avg rate of 24.9 BPM. ISIP 1944 psi. Calc flush: 5238 gal. Actual flush: 4250 gal.
03/05/07	5054-5064'	Frac B2 sands as follows: 29798# 20/40 sand in 385 bbls Lightning 17 frac fluid. Treated @ avg press of 1628 psi w/avg rate of 25.2 BPM. ISIP 1839 psi. Calc flush: 5062 gal. Actual flush: 4578 gal.
03/06/07	4942-4949'	Frac C sands as follows: 29152# 20/40 sand in 371 bbls Lightning 17 frac fluid. Treated @ avg press of 2111 psi w/avg rate of 24.9 BPM. ISIP 1839psi. Calc flush: 4947 gal. Actual flush: 4452 gal.
03/06/07	4774-4788'	Frac D1 sands as follows: 79970# 20/40 sand in 595 bbls Lightning 17 frac fluid. Treated @ avg press of 1620 psi w/avg rate of 25.1 BPM. ISIP 2065 psi. Calc flush: 4786 gal. Actual flush: 4242 gal.
03/06/07	4208-4276'	Frac GB2, GB4 sands as follows: 42220# 20/40 sand in 360 bbls Lightning 17 frac fluid. Treated @ avg press of 2038 psi w/avg rate of 24.9 BPM. ISIP 1970 psi. Calc flush: 4274 gal. Actual flush: 4116 gal.
2/24/09		Pump Change. Updated rod & tubing details.
11/25/09		Parted rods. Updated rod and tubing detail
9/7/2010		Parted rods. Updated rod and tubing detail.
10/1/2010		Pump change. Updated rod and tubing detail.

PERFORATION RECORD

02/21/07	5986-5994'	4 JSPF	32 holes
03/02/07	5728-5741'	4 JSPF	52 holes
03/02/07	5700-5704'	4 JSPF	16 holes
03/02/07	5669-5680'	4 JSPF	44 holes
03/02/07	5222-5240'	4 JSPF	72 holes
03/02/07	5054-5064'	4 JSPF	40 holes
03/05/07	4942-4949'	4 JSPF	28 holes
03/06/07	4774-4788'	4 JSPF	56 holes
03/06/07	4270-4276'	4 JSPF	24 holes
03/06/07	4208-4214'	4 JSPF	24 holes





Federal 15-8-9-16
 703' FSL & 1952' FEL
 SW/SE Section 8-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33060; Lease #UTU-64379

State 3-16-9-16

Spud Date: 02-28-08
 Put on Production: 05-13-08
 GL: 5841' KB: 5853'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 10 jts
 DEPTH LANDED: 443'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: To surface with 209 sx Class "G" cmt

PRODUCTION CASING

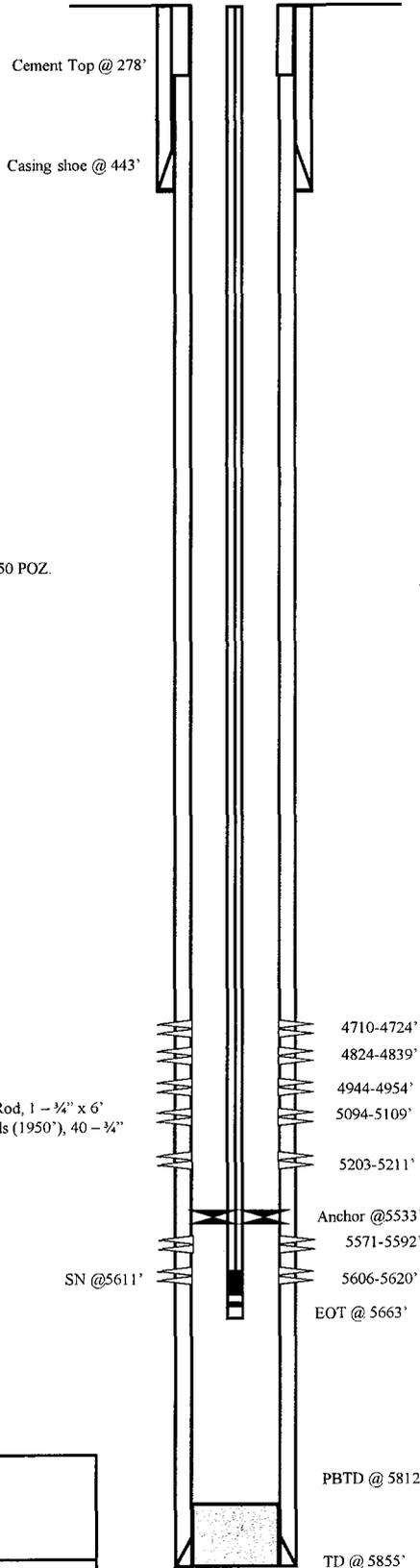
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 147 jts
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5855.97'
 CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 278'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 176 jts (5533.4')
 TUBING ANCHOR: 5533.4'
 NO. OF JOINTS: 2 jts (62.9')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5599.1' KB
 NO. OF JOINTS: 2 jts (62.80')
 NOTCHED COLLAR: 5663.0' KB
 TOTAL STRING LENGTH: EOT @ 5663'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' polished rod
 SUCKER RODS: 1 - 3/4" x 2' Pony Rod, 3 - 3/4" x 4' Pony Rod, 1 - 3/4" x 6' Pony Rod, 99- 3/4" Guided Rods (2475'), 78 - 3/4" Guided Rods (1950'), 40 - 3/4" Guided Rods (1000'), 6 - 1 1/2" Sinker Bars (150')
 PUMP SIZE: 2 1/2" x 1 1/2" x 16' x 17' RHAC pump
 STROKE LENGTH: 102"
 PUMP SPEED, SPM: 5



FRAC JOB

04-22-08 5571-5592' **Frac CP1 sds as follows:**
 Frac w/144,428# 20/40 sand in 1022 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1764 psi w/ ave rate of 25.2 BPM. ISIP 2006 psi. Actual Flush: 5065 gals.

04-22-08 5203-5211' **Frac LODC sds as follows:**
 Frac w/24,817# 20/40 sand in 356 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2477 psi w/ ave rate of 23.3 BPM. ISIP 2543. Actual Flush: 4696 gals.

04-22-08 5094-5109' **Frac A1 sds as follows:**
 Frac w/38,375# 20/40 sand in 420 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2034 psi w/ ave rate of 23.3 BPM. ISIP 2543 psi. Actual Flush: 4586 gals.

04-22-08 4944-4954' **Frac B2 sds as follows:**
 Frac w/30,349# 20/40 sand in 383 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1804 psi w/ ave rate of 23.3 BPM. ISIP 1842 psi. Actual Flush: 4439 gals.

04-22-08 4824-4839' **Frac C sds as follows:**
 Frac w/48,027# 20/40 sand in 446 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2057 psi w/ ave rate of 23.3 BPM. ISIP 2063 psi. Actual Flush: 4318 gals.

04-22-08 4710-4724' **Frac D2 sds as follows:**
 Frac w/37,944# 20/40 sand in 423 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2539 psi w/ ave rate of 23.4 BPM. ISIP 2646 psi. Actual Flush: 4624 gals.

05/11/2012 Updated Rod & Tubing detail.

PERFORATION RECORD

4710-4724' 4 JSPF 56 holes
 4824-4839' 4 JSPF 60 holes
 4944-4954' 4 JSPF 40 holes
 5094-5109' 4 JSPF 60 holes
 5203-5211' 4 JSPF 32 holes
 5571-5592' 4 JSPF 84 holes
 5606-5620' 4 JSPF 56 holes

NEWFIELD

State 3-16-9-16
 660' FNL & 1990' FWL
 NE/NW Section 16-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33847; Lease #Utah State ML-16532

Spud Date: 4/1/08
 Put on Production: 6/3/08
 GL: 5881' KB: 5893'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH 7jts (300.96')
 DEPTH LANDED: 312.81' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

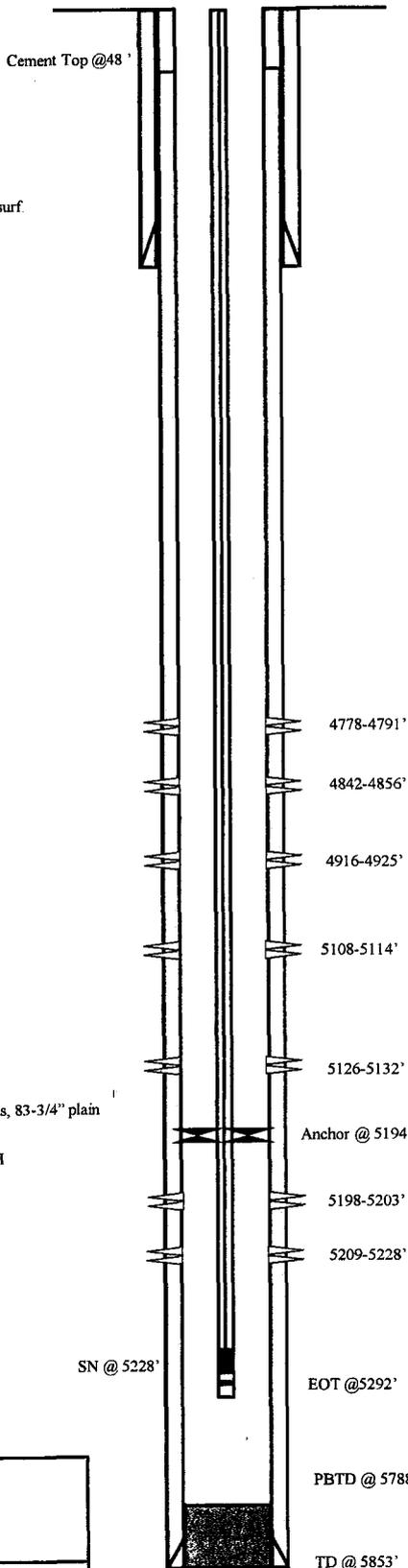
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 158jts 5819.28'
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5832.53'
 CEMENT DATA: 300 sx Premlite II and 400 sx 50/50 Poz
 CEMENT TOP AT: 48'

TUBING

SIZE/GRADE/WT.: 2 7/8" J-55 /6.5#
 NO. OF JOINTS: 175 jts 5182.02'
 TUBING ANCHOR: 5194.02'
 NO. OF JOINTS: 1jt (31.52')
 SEATING NIPPLE: 2 7/8"
 SN LANDED AT: 5228.29'
 NO. OF JOINTS: 2jts 62.47'
 TOTAL STRING LENGTH: EOT@5292.31'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod
 SUCKER RODS: 1-2', 8' x 3/4" pony subs, 99-3/4" guided rods, 83-3/4" plain rods, 20-3/4" guided rods, 6-1 1/2" weight bars
 PUMP SIZE: 2 1/2" x 1 1/2" x 12' x 15 1/2" RHAC rod pump CDI
 STROKE LENGTH: 58'
 PUMP SPEED, SPM: 5



FRAC JOB

05-28-08 5209-5228' Frac LODC sds as follows:
 200,061# 20/40 sand in 1373 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1997 psi w/ ave rate of 27.3 BPM. ISIP 2322 psi. Actual Flush: 4683 gals.

05-28-08 5108-5114' Frac A1 & A3 sds as follows:
 120,424# 20/40 sand in 868 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1922 psi w/ ave rate of 27.0 BPM. ISIP 2220 psi. Actual Flush: 4616 gals.

05-28-08 4916-4925' Frac B1 sds as follows:
 54,952# 20/40 sand in 495 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1767 psi w/ ave rate of 23.4 BPM. ISIP 1705 psi. Actual Flush: 4406 gals.

05-28-08 4842-4856' Frac C sds as follows:
 115,003# 20/40 sand in 846 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1920 psi w/ ave rate of 23.5 BPM. ISIP 1926 psi. Actual Flush: 4330 gals.

05-28-08 4778-4791' Frac D3 sds as follows:
 115,003# 20/40 sand in 846 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1920 psi w/ ave rate of 23.5 BPM. ISIP 1926 psi. Actual Flush: 4679 gals.

3/28/09 Pump Change. Updated r & t details.
 6/5/09 Pump Change. Updated rod & tubing details.

PERFORATION RECORD

4778-4791'	4 JSPF	52 holes
4842-4856'	4 JSPF	56 holes
4916-4925'	4 JSPF	36 holes
5108-5114'	4 JSPF	24 holes
5126-5132'	4 JSPF	24 holes
5198-5203'	4 JSPF	20 holes
5209-5228'	4 JSPF	76 holes

NEWFIELD

State 4-16-9-16
 660' FNL & 815' FWL
 NW/NW Section 16-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33848; Lease #Utah State ML-16532

State 5-16-9-16

Spud Date: 04-07-08
 Put on Production: 05-14-08
 GL: 5922' KB: 5934'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-7/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.48')
 DEPTH LANDED: 324'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

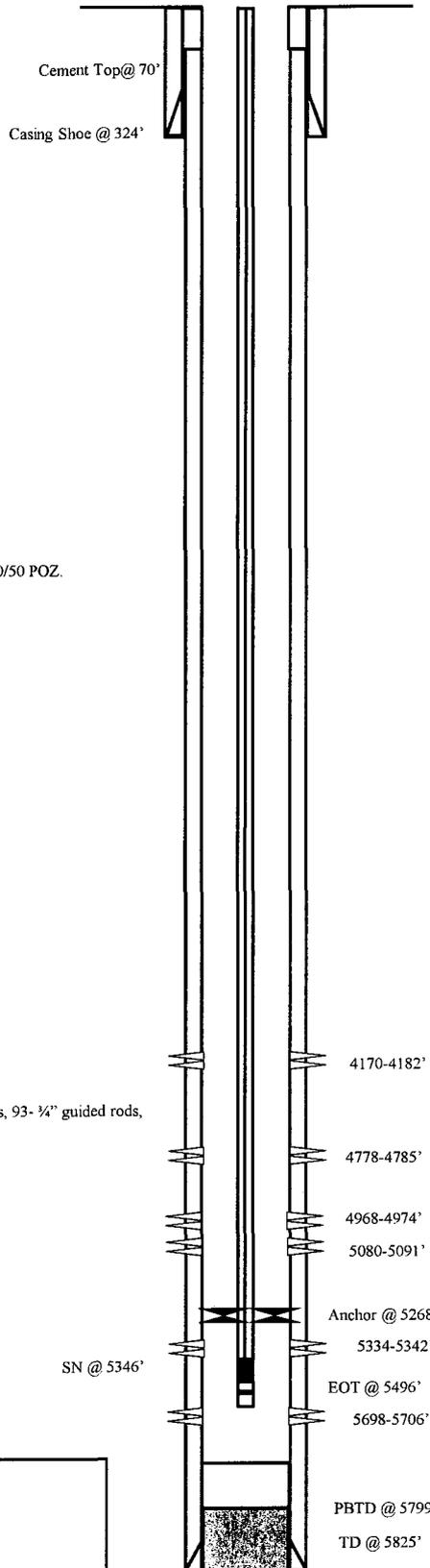
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 139jts. (5807.48') Includes Shoe Jt. (20.6')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5820.73'
 CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 70'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 168 jts (5268.1')
 TUBING ANCHOR: 5268.1'
 NO. OF JOINTS: 2 jts (62.6')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5345.51' KB
 NO. OF JOINTS: 5 jts (155.2')
 TOTAL STRING LENGTH: EOT @ 5496'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 2- 4' x 3/4" pony rods, 94- 3/4" guided rods, 93- 3/4" guided rods, 20- 3/4" guided rods, 6- 1 1/2" weight bars
 PUMP SIZE: 2-1/2" x 1-1/2" x 14' x 18' RHAC
 STROKE LENGTH: 102"
 PUMP SPEED, SPM: 5



FRAC JOB

05-07-08	5698-5706'	Frac CP3 sands as follows: Frac with 34586 #'s of 20/40 sand in 434 bbls of Lightning 17 fluid. Treat at an ave pressure of 1941 psi @ 23.2 BPM. ISIP 2046 psi.
05-07-08	5334-5342'	Frac LODC sands as follows: Frac with 24721 #'s of 20/40 sand in 348 bbls of Lightning 17 fluid. Treat at an ave pressure of 2425 psi @ 23.2 BPM. ISIP 2165 psi.
05-07-08	5080-5091'	Frac A.5 sands as follows: Frac with 84098 #'s of 20/40 sand in 666 bbls of Lightning 17 fluid. Treat at an ave pressure of 2065 psi @ 23.2 BPM. ISIP 2582 psi.
05-07-08	4968-4974'	Frac B2 sand as follows: Frac with 24764 #'s of 20/40 sand in 354 bbls of Lightning 17 fluid. Treat at an ave pressure of 3365 psi @ 23.3 BPM. ISIP 2959 psi.
05-07-08	4778-4785'	Frac D2 sands as follows: Frac with 24664 #'s of 20/40 sand in 341 bbls Lightning of 17 fluid. Treat at an ave pressure of 1975 psi @ 23.3 BPM. ISIP 2279 psi.
05-07-08	4170-4182'	Frac GB4 sands as follows: Frac with 59402 #'s of 20/40 sand in 511 bbls of Lightning 17 fluid. Treat at an ave pressure of 1805 psi @ 23.3 BPM. ISIP 1929 psi.
12-18-09		Pump Change. Update rod and tubing detail

PERFORATION RECORD

4170-4182'	4 JSPF	48 holes
4778-4785'	4 JSPF	28 holes
4968-4974'	4 JSPF	24 holes
5080-5091'	4 JSPF	44 holes
5334-5342'	4 JSPF	32 holes
5698-5706'	4 JSPF	32 holes

NEWFIELD

State 5-16-9-16
 2043' FNL & 758' FWL
 SWNW Section 16-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33849; Lease #Utah State ML-16532

West Point #3-17-9-16

Spud Date: 11/12/2001
 Put on Production: 7/16/02
 GL: 5995' KB: 6005'

Initial Production: 97 BOPD,
 311 MCFD, 27 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 8 jts. (290.19')
 DEPTH LANDED: 300.04' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs Class "G" cmt. est 4 bbls cmt to surf.

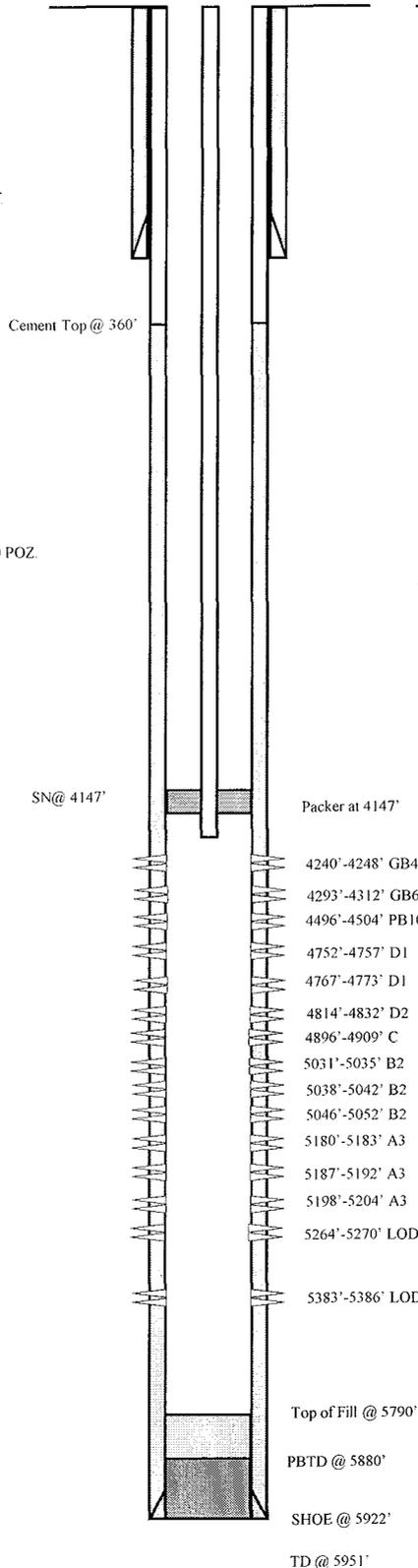
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 133 jts. (5924.13')
 DEPTH LANDED: 5921.73' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 275 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 360' per CBL.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 128 jts (4137.93')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4147.97' KB
 PACKER AT: 4147.93'
 TOTAL STRING LENGTH: EOT @ 4156.38' KB

Injection Wellbore Diagram



FRAC JOB

Date	Interval	Description
7/09/02	5180'-5386'	Frac A3/LODC sands as follows: 59,987# 20/40 sand in 468 bbls Viking 1-25 fluid. Treated @ avg press of 2275 psi w/avg rate of 26.2 BPM. Screened out w/ 54,387# sand in formation and 5,600# sand in casing. Calc flush: 5180 gal. Actual flush: 4158 gal. ISIP 3000 psi.
7/12/02	4896'-5052'	Frac C/B2 sands as follows: 59,386# 20/40 sand in 479 bbls Viking 1-25 fluid. Treated @ avg press of 1650 psi w/avg rate of 28 BPM. ISIP 1980 psi. Calc flush: 4896 gal. Actual flush: 4851 gal.
7/12/02	4752'-4832'	Frac D1/D2 sands as follows: 92,116# 20/40 sand in 656 bbls Viking 1-25 fluid. Treated @ avg press of 1790 psi w/avg rate of 28 BPM. ISIP 2130 psi. Calc flush: 4752 gal. Actual flush: 4662 gal.
7/12/02	4496'-4504'	Frac PB10 sands as follows: 25,900# 20/40 sand in 271 bbls Viking 1-25 fluid. Treated @ avg press of 2525 psi w/avg rate of 25.5 BPM. ISIP 2100 psi. Calc flush: 4496 gal. Actual flush: 4410 gal.
7/12/02	4240'-4312'	Frac GB4/GB6 sands as follows: 60,856# 20/40 sand in 462 bbls Viking 1-25 fluid. Treated @ avg press of 1775 psi w/avg rate of 25.5 BPM. ISIP 1950 psi. Calc flush: 4240 gal. Actual flush: 4158 gal.
2/28/05		Injection Conversion
6/3/06		Well Recompleted.
7/1/06		MIT completed and submitted.

PERFORATION RECORD

Date	Interval	ISPF	Holes
7/09/09	5383'-5386'	4 JSPF	12 holes
7/09/09	5264'-5270'	4 JSPF	24 holes
7/09/09	5198'-5204'	4 JSPF	24 holes
7/09/09	5187'-5192'	4 JSPF	20 holes
7/09/09	5180'-5183'	4 JSPF	12 holes
7/12/09	5046'-5052'	4 JSPF	24 holes
7/12/09	5038'-5042'	4 JSPF	16 holes
7/12/09	5031'-5035'	4 JSPF	16 holes
7/12/09	4896'-4909'	4 JSPF	52 holes
7/12/09	4814'-4832'	4 JSPF	72 holes
7/12/09	4767'-4773'	4 JSPF	24 holes
7/12/09	4752'-4757'	4 JSPF	20 holes
7/12/09	4496'-4504'	4 JSPF	32 holes
7/12/09	4293'-4312'	4 JSPF	76 holes
7/12/09	4240'-4248'	4 JSPF	32 holes



West Point #3-17-9-16
 522' FNL & 2053' FWL
 NENW Section 17-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32278; Lease #UTU-74390

ATTACHMENT E

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



8-5/8" Casing Shoe	Casing Detail	Size	WT.	Grade	Conn.	Top	Bottom	Burst	Collapse	ID	Drift	bb/ft	Hole	TOC
1,025	Surface	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"	Port Collar: 5,654' md to Surface
	Production	4-1/2"	11.6#	P-110	LTC	5,993 TVD	10,249 6,011	7,774	8,510	4.000	3.875	0.0155	6-1/8"	

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.						

WFD port Collar
 5,355
 KOP
 5,400
 OH Anchor/Packer
 5,451
 OH Anchor/Packer
 5,372

Proposed Frac Data	Packers 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	Packers 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 Frac Port: Depth 10,160. Ball OD (in.) NA. Seat ID (in.) NA. Vol. to Seat (bbbl) 204.33. Actual Vol. (bbbl) NA. Difference (bbbl) NA. Ball Action (ΔP)	0	1,993
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)		
Stage 2	9,682	10,002	FracPort 2: Depth 9,841. Ball OD (in.) 2.125. Seat ID (in.) 2,000. Vol. to Seat (bbbl) 199.39. Actual Vol. (bbbl) 0.00. Difference (bbbl) NA. Ball Action (ΔP)	34,144	2,342
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.) 2.125. Seat ID (in.) 2,125. Vol. to Seat (bbbl) 194.37. Actual Vol. (bbbl) 0.00. Difference (bbbl) NA. Ball Action (ΔP)	36,389	2,775
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 8,193. Ball OD (in.) 2.250. Seat ID (in.) 2,250. Vol. to Seat (bbbl) 189.36. Actual Vol. (bbbl) 0.00. Difference (bbbl) NA. Ball Action (ΔP)	7,548	2,716
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 (bbbl) 184.35. Actual Vol. (bbbl) 0.00. Difference (bbbl) NA. Ball Action (ΔP)	28,177	4,118
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 (bbbl) 179.32. Actual Vol. (bbbl) 0.00. Difference (bbbl) NA. Ball Action (ΔP)	37,277	3,907
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 (bbbl) 174.30. Actual Vol. (bbbl) 0.00. Difference (bbbl) NA. Ball Action (ΔP)	32,220	2,784
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.) 2.750. Seat ID (in.) 2,750. Vol. to Seat (bbbl) 169.37. Actual Vol. (bbbl) 0.00. Difference (bbbl) NA. Ball Action (ΔP)	35,076	3,706
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 7,977. Ball OD (in.) 3.000. Seat ID (in.) 2,875. Vol. to Seat (bbbl) 164.35. Actual Vol. (bbbl) 0.00. Difference (bbbl) NA. Ball Action (ΔP)	30,808	2,777
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	6,768	7,413	FracPort 10: Depth 7,252. Ball OD (in.) 3.125. Seat ID (in.) 3,000. Vol. to Seat (bbbl) 159.32. Actual Vol. (bbbl) 0.00. Difference (bbbl) NA. Ball Action (ΔP)	14,314	1,869
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 (bbbl) 169.37. Actual Vol. (bbbl) 0.00. Difference (bbbl) NA. Ball Action (ΔP)	37,984	2,804
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 (bbbl) 154.29. Actual Vol. (bbbl) 0.00. Difference (bbbl) NA. Ball Action (ΔP)	36,949	2,755
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	5,456	Packer Plus 8-5/8" x 5-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,046psi)		Total Fluid 34,456
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)		(bbbl)
Lat Length	3,804				
Total Stim. Lateral	3,804				
Avg. Stage Length	317		*between packers		
			Sand Total	335,921	
			580,309	244,388	
			# sand per foot of lateral	153	

5.5"x4.5" XO 5,993



MD TD 10,259
 TVD TD 6,011

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				

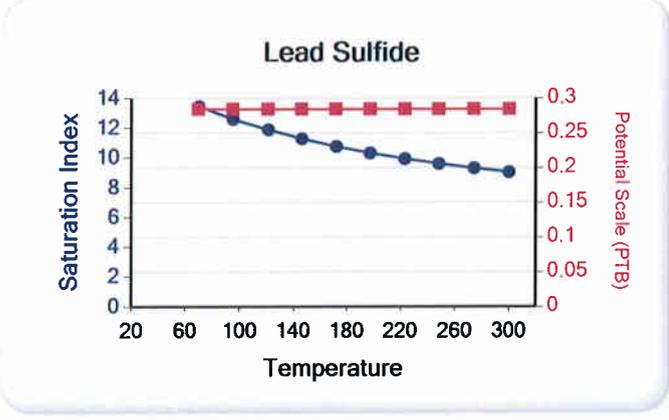
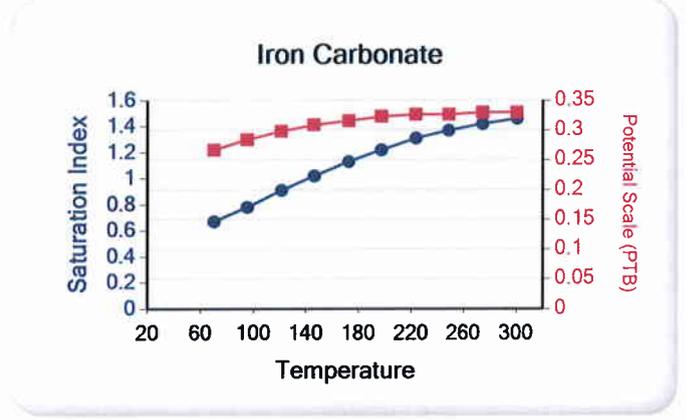
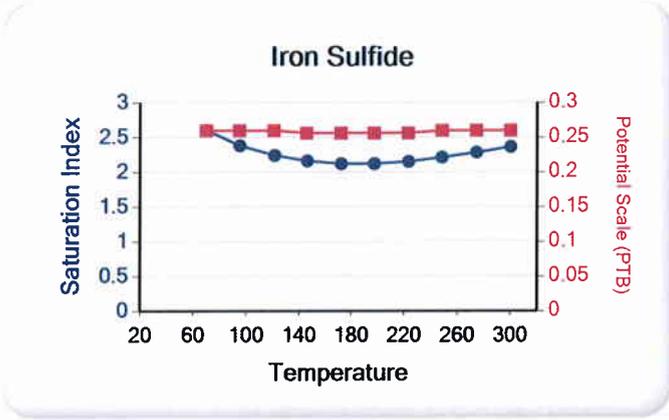
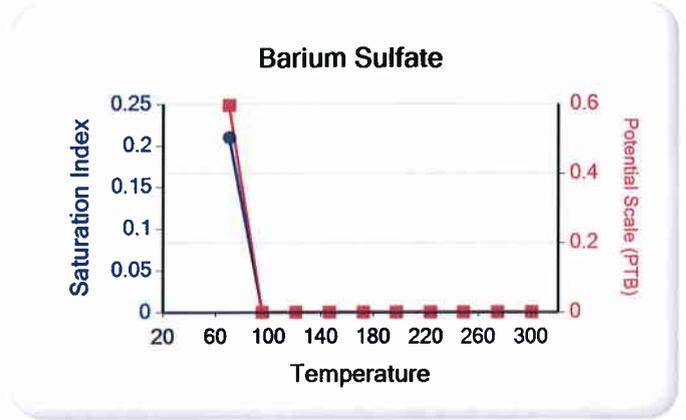
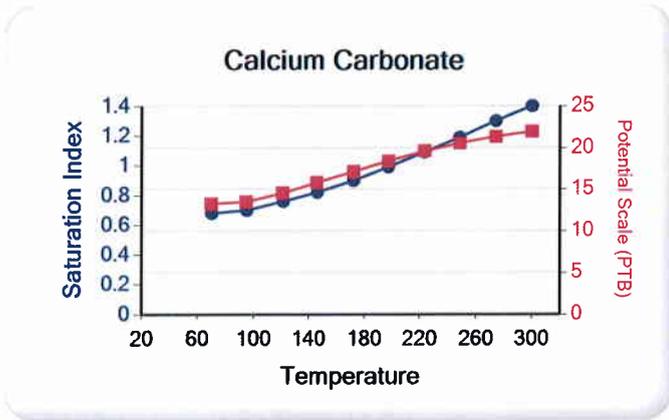
Notes:

(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



3 of 4

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**

Sales Rep: **Michael McBride**

Well Name: **FEDERAL 1-17-9-16**

Lab Tech: **Gary Peterson**

Sample Point: **Treater**

Sample Date: **5/20/2012**

Sample ID: **WA-214845**

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

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations		Anions	
		mg/L		mg/L	
Test Date:	5/29/2012	Sodium (Na):	356.05	Chloride (Cl):	400.00
System Temperature 1 (°F):	120.00	Potassium (K):	1.70	Sulfate (SO ₄):	17.00
System Pressure 1 (psig):	60.0000	Magnesium (Mg):	0.13	Bicarbonate (HCO ₃):	244.00
System Temperature 2 (°F):	185.00	Calcium (Ca):	1.21	Carbonate (CO ₃):	0.00
System Pressure 2 (psig):	60.0000	Strontium (Sr):	0.00	Acetic Acid (CH ₃ COO)	0.00
Calculated Density (g/ml):	0.998	Barium (Ba):	0.02	Propionic Acid (C ₂ H ₅ COO)	0.00
pH:	9.20	Iron (Fe):	0.73	Butanoic Acid (C ₃ H ₇ COO)	0.00
Calculated TDS (mg/L):	1021.11	Zinc (Zn):	0.04	Isobutyric Acid ((CH ₃) ₂ CHCOO)	0.00
CO ₂ in Gas (%):	0.00	Lead (Pb):	0.09	Fluoride (F):	
Dissolved CO ₂ (mg/L):	0.00	Ammonia NH ₃ :		Bromine (Br):	
H ₂ S in Gas (%):	0.00	Manganese (Mn):	0.14	Silica (SiO ₂):	
H ₂ S in Water (mg/L):	0.00				

Notes:

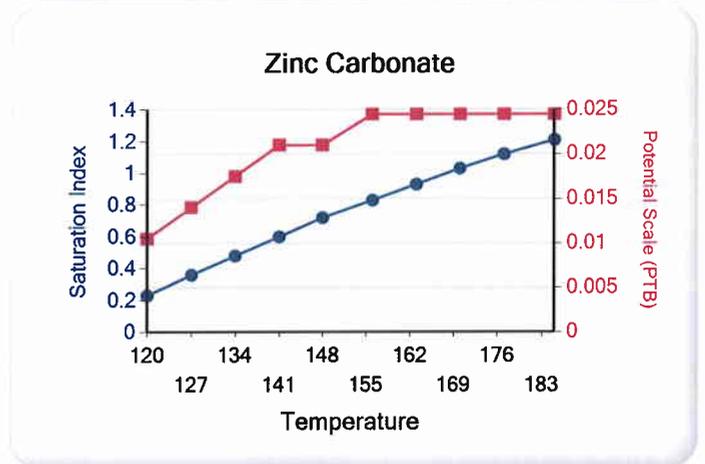
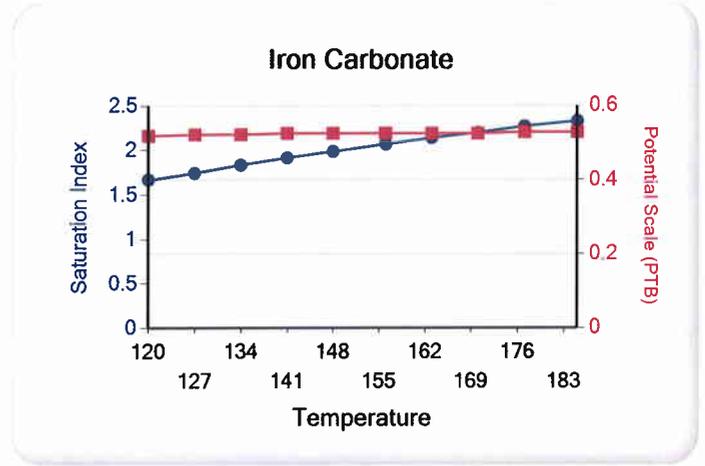
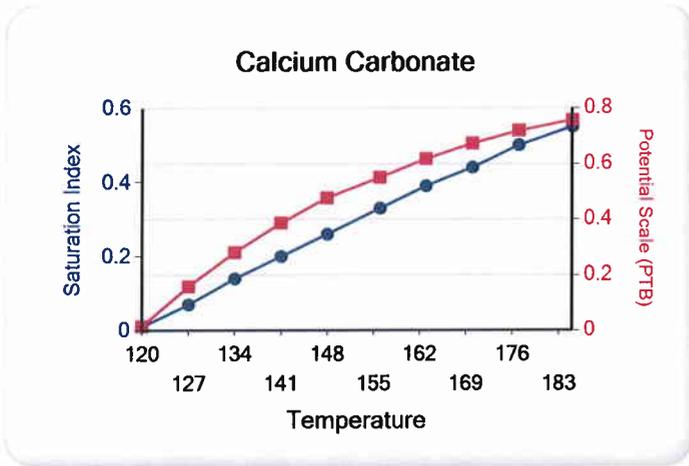
(PTB = Pounds per Thousand Barrels)

Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ ·2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
185.00	60.00	0.55	0.76	0.00	0.00	0.00	0.00	2.33	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.00	60.00	0.50	0.72	0.00	0.00	0.00	0.00	2.27	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	0.44	0.67	0.00	0.00	0.00	0.00	2.20	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163.00	60.00	0.39	0.62	0.00	0.00	0.00	0.00	2.14	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156.00	60.00	0.33	0.55	0.00	0.00	0.00	0.00	2.07	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148.00	60.00	0.26	0.48	0.00	0.00	0.00	0.00	1.99	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141.00	60.00	0.20	0.39	0.00	0.00	0.00	0.00	1.92	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134.00	60.00	0.14	0.28	0.00	0.00	0.00	0.00	1.84	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.00	60.00	0.07	0.16	0.00	0.00	0.00	0.00	1.75	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	0.01	0.01	0.00	0.00	0.00	0.00	1.67	0.52	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	1.21	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.12	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.93	0.02	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	0.83	0.02	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	0.72	0.02	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	0.60	0.02	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	0.48	0.02	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	0.36	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

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



Attachment "G"

**Federal #1-17-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5572	5592	5582	2000	0.79	1964
5316	5362	5339	2450	0.89	2415
5086	5111	5099	2190	0.86	2157
4835	4845	4840	2060	0.86	2029
4668	4737	4703	2090	0.88	2060
4174	4183	4179	1818	0.87	1791 ←
				Minimum	<u>1791</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 1-17-9-16 Report Date: 11-2-06 Day: 01
Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 323' Prod Csg: 5-1/2" @ 6020' Csg PBTD: 5952'WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Contains data for CP1 sds at 5572-5578' and 5587-5592'.

CHRONOLOGICAL OPERATIONS

Date Work Performed: 01-Nov-06 SITP: SICP: 0

Instal 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5952' & cement top @ 6'. Perforate stage #1, CP1 sds @ 5587-92', 5572-78' w/ 4" Port guns (19 gram, .46"HE. 120) w/ 4 spf for total 0 44 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
D&M Hot Oil
Location preparation
NPC wellhead
Benco - anchors
Admin. Overhead
NPC Supervisor

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

Completion Supervisor: Ron Shuck

DAILY COST: \$0
TOTAL WELL COST:



DAILY COMPLETION REPORT

WELL NAME: Federal 1-17-9-16 **Report Date:** 11-2-06 **Day:** 2a
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 323' **Prod Csg:** 5-1/2" @ 6020' **Csg PBTD:** 5952'WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** _____

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	CP1 sds	5572-5578'	4/24
_____	_____	_____	CP1 sds	5587-5592'	4/20
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/7/2006 **SITP:** _____ **SICP:** 0

Day 2a.

RU BJ Services. 40 psi on well. Frac CP1 sds w/ 25,276#s of 20/40 sand in 354 bbls of Lightning 17 fluid. Broke @ 2595 psi Treated w/ ave pressure of 2000 psi @ ave rate of 25.5 BPM. Pumped 504 gals of 15% HCL in flush f Stage #2. ISIP 2000 psi. Leave pressure on well. 496 BWTR. See Day 2b.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 142 **Starting oil rec to date:** _____
Fluid lost/recovered today: 354 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 496 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

Base Fluid used: Lightnint 17 **Job Type:** sand frac

Company: BJ Services

Procedure or Equipment detail: CP1 sds

- 798 gals to crosslink.
- 2500 gals of pad
- 1915 gals W/ 1-4 ppg of 20/40 sand
- 4052 gals W/ 4-6.5 ppg of 20/40 sand
- Flush W/ 504 gals of 15% HCL acid
- Flush W/ 5107 gals of slick water

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

Max TP: 2230 **Max Rate:** 25.6 bpm **Total fluid pmpd:** 354 bbls
Avg TP: 2000 **Avg Rate:** 25.5 bpm **Total Prop pmpd:** 25,276#
ISIP: 2000 **5 min:** _____ **10 min:** _____ **FG:** .79

Completion Supervisor: Don Dulen

COSTS

BJ Services-CP1
NPC frac wtr
NPC fuel gas
Weatherford tools/serv
NPC Supervisor

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



DAILY COMPLETION REPORT

WELL NAME: Federal 1-17-9-16 **Report Date:** 11-2-06 **Day:** 2b
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 323' **Prod Csg:** 5-1/2" @ 6020' **Csg PBTD:** 5952'WL
Tbg: Size: _____ Wt: _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** 5470'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
_____	_____	_____	LODC sds	5316-5326'	4/40
_____	_____	_____	LODC sds	5347-5362'	4/60
_____	_____	_____	CP1 sds	5572-5578'	4/24
_____	_____	_____	CP1 sds	5587-5592'	4/20
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/7/2006 **SITP:** _____ **SICP:** 0

Day 2b.

RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 15' perf gun. S plug @ 5470'. Perforate LODC sds @ 5316-5326' & 5347-5362' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 SF for total of 100 shots. RU BJ Services. 1435 psi on well. Frac LODC sds w/ 140,563#s of 20/40 sand in 964 bbls. Lightning 17 fluid. Broke @ 3761 psi. Treated w/ ave pressure of 2425 psi @ ave rate of 25.0 BPM. ISIP 2450 ps. Leave pressure on well. See day 2c.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 496 **Starting oil rec to date:** _____
Fluid lost/recovered today: 964 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 1460 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

COSTS

Base Fluid used: <u>Lightnint 17</u>	Job Type: <u>sand frac</u>	BJ Services-LODC
Company: <u>BJ Services</u>		NPC frac wtr
Procedure or Equipment detail:	LODC sds	NPC fuel gas
<u>10700 gals of pad</u>		Weatherford tools/serv
<u>7000 gals W/ 1-5 ppg of 20/40 sand</u>		Lone Wolf WL
<u>14000 gals W/ 5-8 ppg of 20/40 sand</u>		NPC Supervisor
<u>3479 gals W/ 8 ppg of 20/40 sand</u>		
<u>Flush W/ 504 gals of 15% HCL acid</u>		
<u>Flush W/ 4809 gals of slick water</u>		
Flush called @ blender--includes 2 bbls pump/line volume		
Max TP: <u>2700</u> Max Rate: <u>25.8 bpm</u> Total fluid pmpd: <u>964 bbls</u>		
Avg TP: <u>2425</u> Avg Rate: <u>25.0 bpm</u> Total Prop pmpd: <u>140,563#</u>		
ISIP: <u>2450</u> 5 min: _____ 10 min: _____ FG: <u>.89</u>		
Completion Supervisor: <u>Don Dulen</u>		DAILY COST: _____ \$0
		TOTAL WELL COST: _____ \$0



DAILY COMPLETION REPORT

WELL NAME: Federal 1-17-9-16 Report Date: 11-8-06 Day: 2c
Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8" @ 323' Prod Csg: 5-1/2" @ 6020' Csg PBTD: 5952'WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 5470'
CBP: 5210'

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Rows include LODC sds (5316-5326', 5347-5362'), CP1 sds (5572-5578', 5587-5592'), and A1 sds (5086-5094', 5101-5111').

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/7/2006 SITP: SICP: 0

Day 2c.

RIH w/ 5-1/2" Weatherford composite flow through plug & 10' perf gun. Set plug @ 5210'. Perforate A1 sds @ 5086-5094' & 5101-5111' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 SPF for total of 72 shots. RU BJ Services. 116 psi on well. Could not break down perfs @ 4200 psi. RIH w/ dump baler. Spot acid on perfs. Could not break down perf. Dump bale acid on perfs. Could not break down perfs. Dump bale acid on perfs. Could not break down perf SWIFN w/ 4000 psi on well.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1460 Starting oil rec to date:
Fluid lost/recovered today: 0 Oil lost/recovered today:
Ending fluid to be recovered: 1460 Cum oil recovered:
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Lightnint 17 Job Type: sand frac
Company: BJ Services
Procedure or Equipment detail: A1 sds
Costs: BJ Services-A1, NPC frac wtr, NPC fuel gas, Weatherford tools/serv, Lone Wolf WL, NPC Supervisor

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

Completion Supervisor: Don Dulen

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



DAILY COMPLETION REPORT

WELL NAME: Federal 1-17-9-16 **Report Date:** 11-9-06 **Day:** 3a
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 323' **Prod Csg:** 5-1/2" @ 6020' **Csg PBTD:** 5952'WL
Tbg: **Size:** _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** 5470'
CBP: 5210'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	5316-5326'	4/40
			LODC sds	5347-5362'	4/60
			CP1 sds	5572-5578'	4/24
			CP1 sds	5587-5592'	4/20
A1 sds	5086-5094'	4/32			
A1 sds	5101-5111'	4/40			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/8/2006 **SITP:** _____ **SICP:** 1360 psi

Day 3a.

Open well w/ 1360 psi on well. Frac A 1 sds w/ 90,538#'s of 20/40 sand in 724 bbls of Lightning 17 fluid. Broke @ 1360 psi. Treated w/ ave pressure of psi @ ave rate of BPM. ISIP 2190 psi. Leave pressure on well. See day 3a.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1460 **Starting oil rec to date:** _____
Fluid lost/recovered today: 724 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 2184 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

COSTS

Base Fluid used: Lightnint 17 **Job Type:** sand frac **NPC Supervision** _____
Company: BJ Services _____
Procedure or Equipment detail: A1 sds _____
2646 gals to crosslink _____
6800 gals of pad _____
4625 gals W/ 1-5 ppg of 20/40 sand _____
9250 gals W/ 5-8 ppg of 20/40 sand _____
2009 gals W/ 8 ppg of 20/40 sand _____
Flush W/ 504 gals of 15% HCL acid _____
Flush W/ 4578 gals of slick water _____
****Flush called @ blender--includes 2 bbls pump/line volume****
Max TP: 2400 **Max Rate:** 25.9 bpm **Total fluid pmpd:** 724 _____
Avg TP: 2010 **Avg Rate:** 25.6 bpm **Total Prop pmpd:** 90,538 _____
ISIP: 2190 **5 min:** _____ **10 min:** _____ **FG:** .86 _____
Completion Supervisor: Don Dulen **DAILY COST:** _____ **\$0**
TOTAL WELL COST: _____ **\$0**



DAILY COMPLETION REPORT

WELL NAME: Federal 1-17-9-16 **Report Date:** 11-9-06 **Day:** 3b
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 323' **Prod Csg:** 5-1/2" @ 6020' **Csg PBTD:** 5952'WL
Tbg: Size: _____ **Wt:** _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** 5470'
CBP: 5210', 4950'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	<u>5316-5326'</u>	<u>4/40</u>
			LODC sds	<u>5347-5362'</u>	<u>4/60</u>
			CP1 sds	<u>5572-5578'</u>	<u>4/24</u>
			CP1 sds	<u>5587-5592'</u>	<u>4/20</u>
C sds	<u>4835-4845'</u>	<u>4/40</u>			
A1 sds	<u>5086-5094'</u>	<u>4/32</u>			
A1 sds	<u>5101-5111'</u>	<u>4/40</u>			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/8/2006 **SITP:** _____ **SICP:** 450

Day 3b.
 RIH w/ 5-1/2" Weatherford composite flow through plug & 10' perf gun. Set plug @ 4950'. Perforate C sds @ 4835-4845' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 SPF for total of 40 shots. Open well w/ 450 psi on well. Could not break down perfs @ 4200 psi. RU wireline truck. Dump bale acid on perfs. Frac C sds w/ 30,222#'s of 20/40 sand in 404 bbls of Lightning 17 fluid. Broke @ 3709 psi. Treated w/ ave pressure of 2105 psi @ ave rate of 25.5 BPM ISIP 2060 psi. Leave pressure on well. See day 3c.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2184 **Starting oil rec to date:** _____
Fluid lost/recovered today: 404 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 2588 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

Base Fluid used: Lightnint 17 **Job Type:** sand frac

Company: BJ Services

Procedure or Equipment detail: C sds

- 2226 gals to crosslink
- 3000 gals of pad
- 2319 gals W/ 1-4 ppg of 20/40 sand
- 4379 gals W/ 4-6.5 ppg of 20/40 sand
- Flush W/ 504 gals of 15% HCL acid
- Flush W/ 4368 gals of slick water

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

Max TP: 2250 **Max Rate:** 25.8 bpm **Total fluid pmpd:** 404 bbls
Avg TP: 2105 **Avg Rate:** 25.5 bpm **Total Prop pmpd:** 30,227#
ISIP: 2060 **5 min:** _____ **10 min:** _____ **FG:** .86

Completion Supervisor: Don Dulen

COSTS

BJ Services-C
NPC frac wtr
NPC fuel gas
Weatherford tools/serv
Lone Wolf WL
NPC Supervisor

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



DAILY COMPLETION REPORT

WELL NAME: Federal 1-17-9-16 **Report Date:** 11-9-06 **Day:** 3c
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 323' **Prod Csg:** 5-1/2" @ 6020' **Csg PBTD:** 5952'WL
Tbg: Size: _____ Wt: _____ **Grd:** _____ **Pkr/EOT @:** _____ **BP/Sand PBTD:** 5470'
CBP: 5210', 4950', 4790'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			<u>LODC sds</u>	<u>5316-5326'</u>	<u>4/40</u>
<u>D1 sds</u>	<u>4668-4682'</u>	<u>4/56</u>	<u>LODC sds</u>	<u>5347-5362'</u>	<u>4/60</u>
<u>D2 sds</u>	<u>4725-4737'</u>	<u>4/48</u>	<u>CP1 sds</u>	<u>5572-5578'</u>	<u>4/24</u>
<u>C sds</u>	<u>4835-4845'</u>	<u>4/40</u>	<u>CP1 sds</u>	<u>5587-5592'</u>	<u>4/20</u>
<u>A1 sds</u>	<u>5086-5094'</u>	<u>4/32</u>			
<u>A1 sds</u>	<u>5101-5111'</u>	<u>4/40</u>			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/8/2006 **SITP:** _____ **SICP:** 1250

Day 3b.

RIH w/ 5-1/2" Weatherford composite flow through plug & 12' perf gun. Set plug @ 4790'. Perforate D1 & D2 sds (4668-4682' & 4725-4737" w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 SPF for total of 104 shots. Open well to 1250 psi on well. Frac D1 & D2 sds w/ 80,170#'s of 20/40 sand in 587 bbls of Lightning 17 fluid. Broke @ 1678 psi. Treated w/ ave pressure of 1932 psi @ ave rate of 25.5 BPM. ISIP 2090 psi. Leave pressure on well. See day 3d.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2588 **Starting oil rec to date:** _____
Fluid lost/recovered today: 587 **Oil lost/recovered today:** _____
Ending fluid to be recovered: 3175 **Cum oil recovered:** _____
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

Base Fluid used: Lightnint 17 **Job Type:** sand frac
Company: BJ Services
Procedure or Equipment detail: D1 & D2
6000 gals of pad
4000 gals W/ 1-5 ppg of 20/40 sand
8000 gals W/ 5-8 ppg of 20/40 sand
1975 gals W/ 8 ppg of 20/40 sand
Flush W/ 504 gals of 15% HCL acid
Flush W/ 4162 gals of slick water

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

Max TP: 1985 **Max Rate:** 25.9 bpm **Total fluid pmpd:** 587 bbls
Avg TP: 1932 **Avg Rate:** 25.5 bpm **Total Prop pmpd:** 80,170#
ISIP: 2090 **5 min:** _____ **10 min:** _____ **FG:** .88

Completion Supervisor: Don Dulen

COSTS

BJ Services-D1&2
NPC frac wtr
NPC fuel gas
Weatherford tools/serv
Lone Wolf WL
NPC Supervisor

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



DAILY COMPLETION REPORT

WELL NAME: Federal 1-17-9-16 Report Date: 11-9-06 Day: 3d
Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 323' Prod Csg: 5-1/2" @ 6020' Csg PBTD: 5952'WL
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 5470'
CBP: 5210', 4950', 4790', 4280'

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Rows include GB4 sds, D1 sds, D2 sds, C sds, A1 sds.

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/8/2006 SITP: SICP: 1250

Day 3b.

RIH w/ 5-1/2" Weatherford composite flow through plug & 9' perf gun. Set plug @ 4280'. Perforate GB4 sds @ 417-4183' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 SPF for total of 36 shots. SWIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 3175 Starting oil rec to date:
Fluid lost/recovered today: 0 Oil lost/recovered today:
Ending fluid to be recovered: 3175 Cum oil recovered:
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Lightnint 17 Job Type: sand frac Weatherford tools/serv
Company: BJ Services Lone Wolf WL
Procedure or Equipment detail: D1 & D2

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

Completion Supervisor: Don Dulen

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



DAILY COMPLETION REPORT

WELL NAME: Federal 1-17-9-16 **Report Date:** 11-9-06 **Day:** 4
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 323' Prod Csg: 5-1/2" @ 6020' Csg PBTD: 5952'WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 5470'
 CBP: 5210', 4950', 4790', 4280'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	<u>4174-4183'</u>	<u>4/36</u>	LODC sds	<u>5316-5326'</u>	<u>4/40</u>
D1 sds	<u>4668-4682'</u>	<u>4/56</u>	LODC sds	<u>5347-5362'</u>	<u>4/60</u>
D2 sds	<u>4725-4737'</u>	<u>4/48</u>	CP1 sds	<u>5572-5578'</u>	<u>4/24</u>
C sds	<u>4835-4845'</u>	<u>4/40</u>	CP1 sds	<u>5587-5592'</u>	<u>4/20</u>
A1 sds	<u>5086-5094'</u>	<u>4/32</u>			
A1 sds	<u>5101-5111'</u>	<u>4/40</u>			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/8/2006 **SITP:** 550 **SICP:** 550
 Open well w/ 550 psi on well. Frac GB4 sds w/ 27661#'s of 20/40 sand in 296 bbls of Lightning 17 fluid. Broke (3105 psi. Treated w/ ave pressure of 1800 psi @ ave rate of 25.3 BPM. ISIP 1818 psi. Open well to pit for flowbac
 Well flowed for 1 hr. & died. Recovered 50 bbls.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 3175 Starting oil rec to date: _____
 Fluid lost/recovered today: 246 Oil lost/recovered today: _____
 Ending fluid to be recovered: 3421 Cum oil recovered: _____
 IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

Base Fluid used: Lightnint 17 Job Type: sand frac
 Company: BJ Services
 Procedure or Equipment detail: GB4 sds
714 gals to crosslink
2000 gals of pad
1511 gals W/ 1-4 ppg of 20/40 sand
4154 gals W/ 4-6.5 ppg of 20/40 sand
Flush W/ 4032 gals of slick water
 Max TP: 1980 Max Rate: 25.7 bpm Total fluid pmpd: 296 bbls
 Avg TP: 1800 Avg Rate: 25.3 bpm Total Prop pmpd: 27,661#
 ISIP: 1818 5 min: _____ 10 min: _____ FG: .87
 Completion Supervisor: Don Dulen

COSTS

BJ Services-GB4 _____
 Lone Wolf WL _____
 NPC frac wtr _____
 NPC fuel gas _____
 Monks pit reclaim _____
 NPC sfc equipment _____
 Mecham labor/welding _____
 NPC location cleanup _____
 UniChem chemicals _____
 Mtn. West Sanitation _____
 NDSI Trucking _____
 NPC Supervision _____
DAILY COST: _____ \$0
TOTAL WELL COST: _____ \$0

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4124'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 173' 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 374'

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

Federal 1-17-9-16

Spud Date: 9-13-06
 Put on Production: 11-15-06
 GL: 5878' KB: 5890'

Initial Production: BOPD,
 MCFD, BWPD

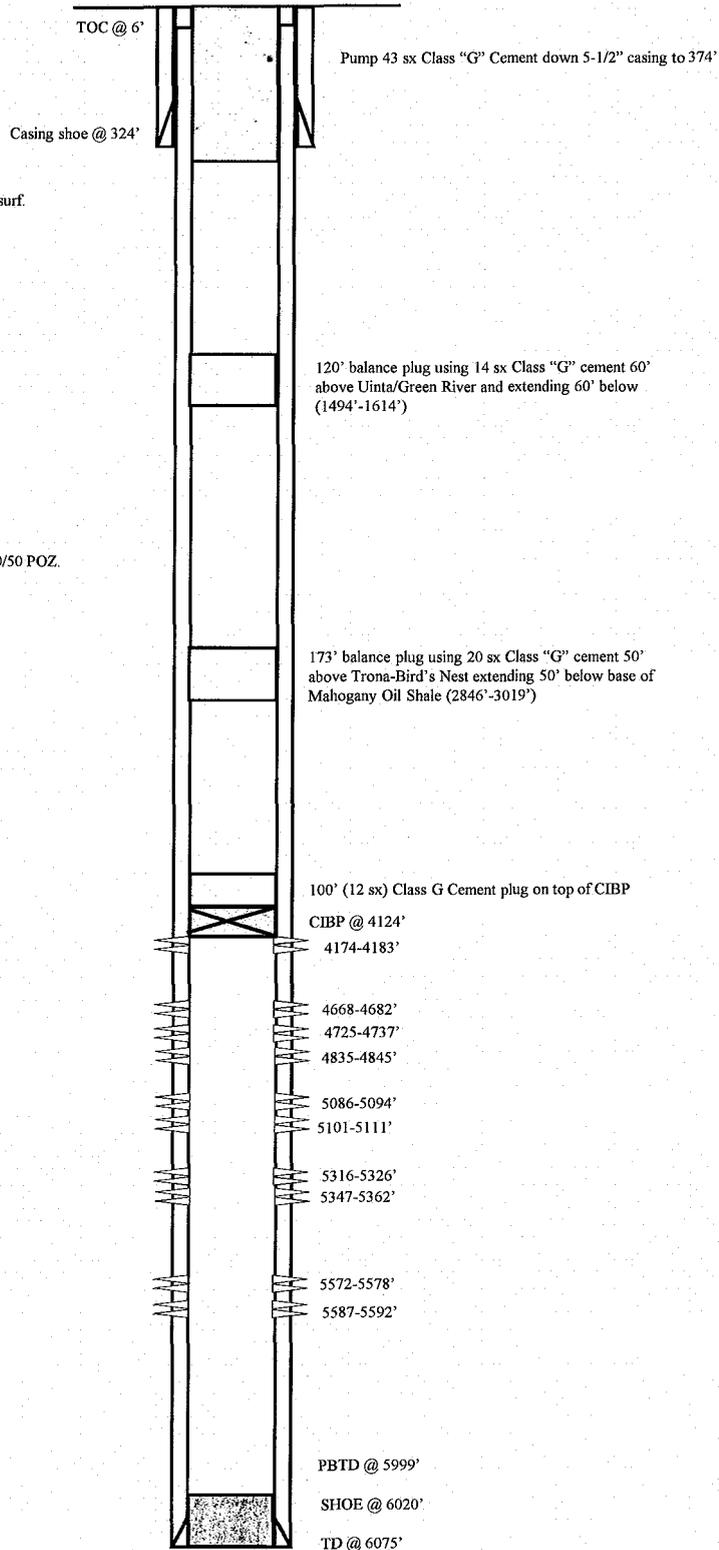
Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (311.97')
 DEPTH LANDED: 323.82' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts (6007.66')
 DEPTH LANDED: 6020.91' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 6'



Federal 1-17-9-16 660' FNL & 660' FEL NE/NE Section 17-T9S-R16E Duchesne Co, Utah API # 43-013-33028; Lease # UTU-64379

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

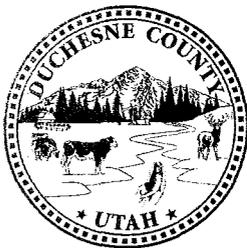
Uintah Basin Standard		DIVISION OF OIL GAS & MINING			Invoice No. 32047	6/26/2012
Date	Order	Description	Ad Size	SubTotal	Sales Tax	Amount
6/26/2012	16065 UBS	UBS Legal Notice: Not of Agcy Actn: Cause No. UIC-395 Pub. June 26, 2012				\$176.25
					Sub Total:	\$176.25
Total Transactions: 1					Total: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



*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

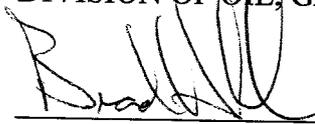
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

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

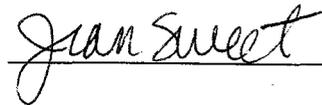
Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

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
E-Mail	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 injector wells:

Greater Monument Butte Units:

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 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 intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 20th day of June, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

/s/
Brad Hill
Permitting Manager
802910

UPAXLP

06/22/2012 9:06:58AM



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

August 7, 2012

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

Subject: Greater Monument Butte Unit Well: Federal 1-17-9-16, Section 17, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33028

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 3,980 feet in the Federal 1-17-9-16 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,

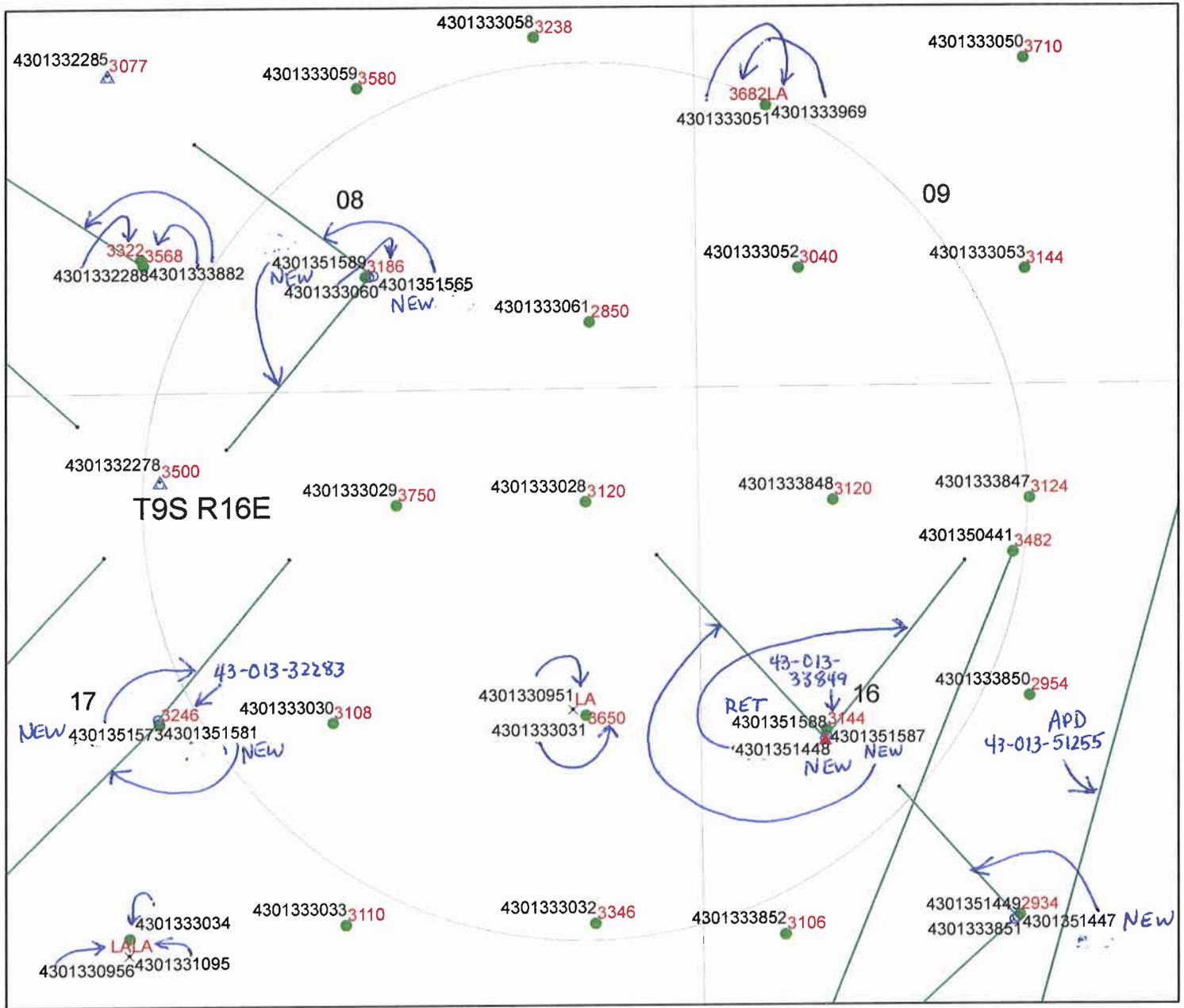
John Rogers
Associate Director

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

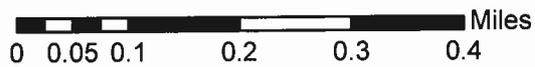




Cement Bond Tops
 FEDERAL 1-17-9-16
 API #43-013-33028
 UIC 395.10

Legend

- | | |
|--|---------------------------------------|
| Buffer_of_SGID93_ENERGY_DNROilGasWells_127 | PGW |
| SGID93_ENERGY_DNROilGasWells | POW |
| SGID93_ENERGY_DNROilGasWells | RET |
| GIS_STAT_TYPE | SGW |
| APD | SOW |
| DRL | TA |
| GIW | TW |
| GSW | WDW |
| LA | WIW |
| LOC | WSW |
| OPS | SGID93_BOUNDARIES_County |
| PA | SGID93_ENERGY_DNROilGasWells_HDBottom |
| | SGID93_ENERGY_DNROilGasWells_HDPath |
| | Wells-CbItopsMaster07_06_12 |



1870calc = approx cement top calculated from well completion report

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

Applicant: Newfield Production Company **Well:** Federal 1-17-9-16

Location: 17/9S/16E **API:** 43-013-33028

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

Well Integrity: The proposed well has surface casing set at 324 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,021 feet. A cement bond log demonstrates adequate bond in this well up to about 3,120 feet. A 2 7/8 inch tubing with a packer will be set at 4,124 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 12 producing wells and 1 injection well in the AOR. One of the producing wells is horizontally drilled, with a surface location inside the AOR and a bottom hole location outside the AOR. In addition, there are 2 proposed directional wells with surface locations outside the AOR and bottom hole locations inside the AOR. Also, there is 1 proposed directional well with a surface location inside the AOR and a bottom hole location outside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2300 feet. Injection shall be limited to the interval between 3,980 feet and 5,999 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 1-17-9-16 well is 0.87 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,791 psig. The requested maximum pressure is 1,791 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 1-17-9-16

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 8/3/2012

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FEDERAL 1-17-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013330280000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE 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: 9/18/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The subject well has been converted from a producing oil well to an injection well on 09/14/2012. On 09/17/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/18/2012 the casing was pressured up to 1680 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 240 psig during the test. There was a State representative available to witness the test - Chris Jensen.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 September 26, 2012**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/25/2012	

Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: Chris Jensen Date 9/18/12 Time 9:00 am pm
Test Conducted by: KODY OLSON
Others Present: _____

Well: <u>FEDERAL 1-17-9-16</u>	Field: <u>MON. BUTTE</u>
Well Location: <u>NE/NE SEC. 17, T9S, R16E</u> <u>DUCHESNE CTY, UT UTU 87538X</u>	API No: <u>43-013-33028</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1680</u>	psig
5	<u>1680</u>	psig
10	<u>1680</u>	psig
15	<u>1680</u>	psig
20	<u>1680</u>	psig
25	<u>1680</u>	psig
30 min	<u>1680</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 240 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: _____

Chris Jensen DOGM
Kody Olson

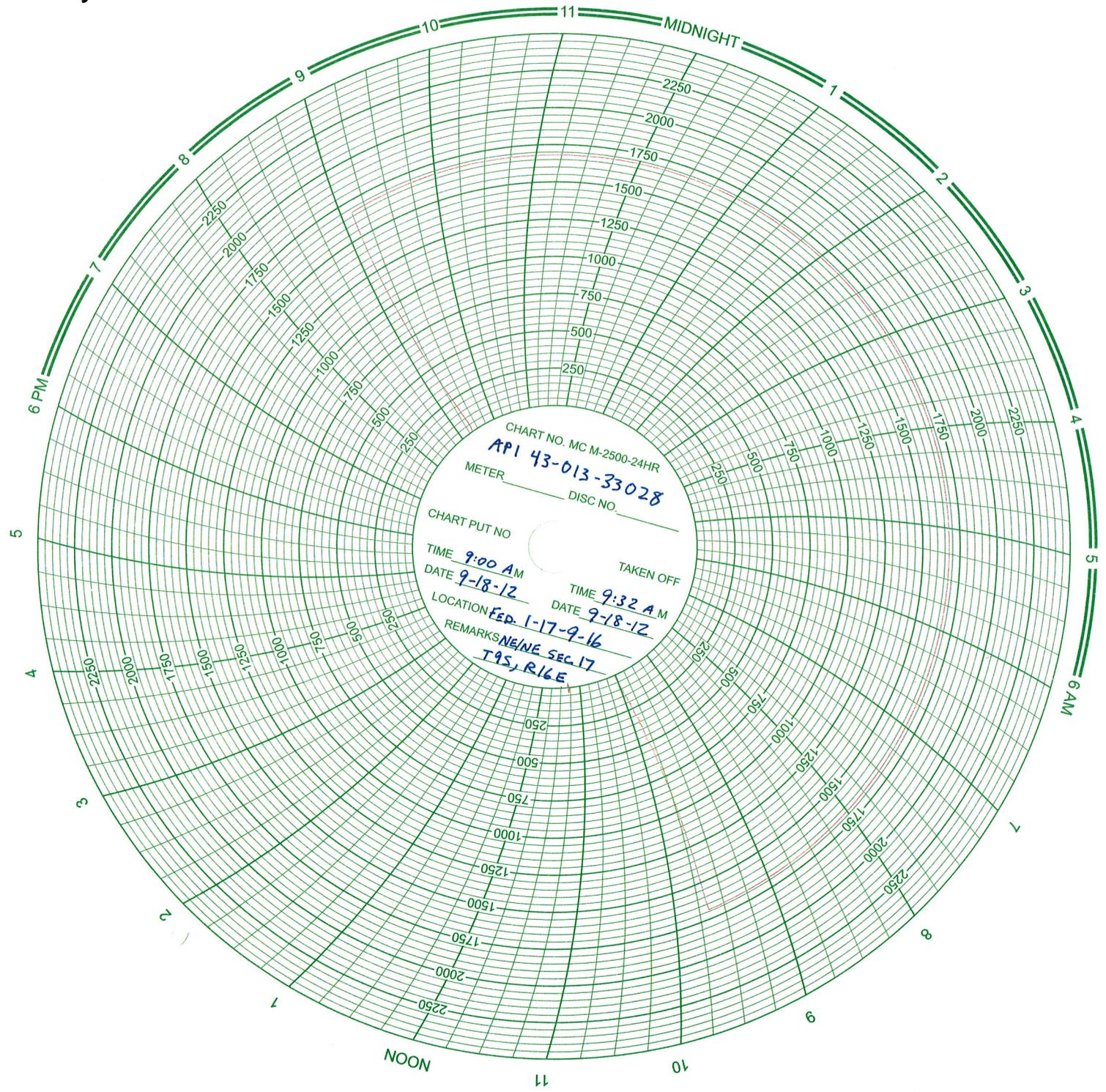


CHART NO. MC M-2500-24HR
API 43-013-33028

METER _____ DISC NO. _____

CHART PUT NO. _____

TIME 9:00 AM

DATE 9-18-12

LOCATION FED. 1-17-9-16

REMARKS NE/NE SEC. 17
T95, R16

TAKEN OFF

TIME 9:32 AM

DATE 9-18-12

Daily Activity Report

Format For Sundry

FEDERAL 1-17-9-16**7/1/2012 To 11/30/2012****9/12/2012 Day: 1****Conversion**

NC #2 on 9/12/2012 - MIRUSU, Test Tbg, LD Rod String - 5:30AM To 6:00AM C/ Travl: Maintance On NC2, MIRUSU @ 2:00PM, OWU @ 2:00PM, H/ Oiler Pumped 70 BW Down Csg, RDP, Unseat Rod Pmp, RU H/ Oiler To Tbg Pumped 40BW, Soft Seat Rod Pmp, H/ Oiler Filled Tbg W/ 13 BW, Pressured Tbg To 3000psi, GOOD TEST, LD 100- 3/4" 4per Guided Rods, 31- 3/4" Plain Rods... SWIFN...7:00PM To 7:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl: Maintance On NC2, MIRUSU @ 2:00PM, OWU @ 2:00PM, H/ Oiler Pumped 70 BW Down Csg, RDP, Unseat Rod Pmp, RU H/ Oiler To Tbg Pumped 40BW, Soft Seat Rod Pmp, H/ Oiler Filled Tbg W/ 13 BW, Pressured Tbg To 3000psi, GOOD TEST, LD 100- 3/4" 4per Guided Rods, 31- 3/4" Plain Rods... SWIFN...7:00PM To 7:30PM C/ Travl **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$8,154**9/13/2012 Day: 2****Conversion**

NC #2 on 9/13/2012 - LD Rod String, NU BOP, POOH W/ Tbg Breaking & Redoping Pins, LD Remaining Tbg, MU & TIH W/ PKR - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, H/ Oiler Pumped 40BW Down Tbg, Continue LD Rods, LD 75- 3/4" Plain Rods, 10- 3/4" 4per Guided Rods, 6- 1 1/2" Wt Bars W/ 6- 1" Guided Stabilizers, LD Rod Pmp (Light Scale On Screen, Pull Rod Wore), X- Over For Tbg, ND WH, Unset TA, NU Weatherford BOP, RU Work Floor, PU 10- Jts Tagged Fill @ 5925', LD 10- Jts, RU H/ Oiler To Tbg Pumped 40BW, POOH W/ 135 Jts Breaking, Inspecting & Redoping Pins, RU H/ Oiler To Tbg Pumped 40 BW, LD 51-Jts, LD TA, MU & TIH W/ XN Nipple, 2 3/8"- 4' Tbg Sub, 5 1/2"x 2 7/8" Retrievable PKR, On/ Off Tool, 2 7/8" SN, 38- Jts Of Tbg...SWIFN...7:30PM To 8:00PM C/ Travl - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, H/ Oiler Pumped 40BW Down Tbg, Continue LD Rods, LD 75- 3/4" Plain Rods, 10- 3/4" 4per Guided Rods, 6- 1 1/2" Wt Bars W/ 6- 1" Guided Stabilizers, LD Rod Pmp (Light Scale On Screen, Pull Rod Wore), X- Over For Tbg, ND WH, Unset TA, NU Weatherford BOP, RU Work Floor, PU 10- Jts Tagged Fill @ 5925', LD 10- Jts, RU H/ Oiler To Tbg Pumped 40BW, POOH W/ 135 Jts Breaking, Inspecting & Redoping Pins, RU H/ Oiler To Tbg Pumped 40 BW, LD 51-Jts, LD TA, MU & TIH W/ XN Nipple, 2 3/8"- 4' Tbg Sub, 5 1/2"x 2 7/8" Retrievable PKR, On/ Off Tool, 2 7/8" SN, 38- Jts Of Tbg...SWIFN...7:30PM To 8:00PM C/ Travl

Daily Cost: \$0**Cumulative Cost:** \$17,280**9/14/2012 Day: 3****Conversion**

NC #2 on 9/14/2012 - TIH W/ PKR, Test Tbg, NU WH, Test Csg - RESENT TO FIX MISSING TANGIBLE COST CODES - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, Cont TIH W/ Retrievable PKR, RU & RIH W/ Sandine, Seat Stnd Valv, H/ Oiler Pumped 23 BW To Fill Tbg , Pressured Up Tbg To 3000psi, No Pressure Loss In 60 Min, RU & RIH W/ Sandline W/ Overshot, Retrieved Stnd Valv, RD Workfloor, ND Weatherford BOP, RU H/ Oiler To Circulate 70 BW W/ PKR Fluid To Csg, Set PKR @ 4148.12' W/ 12' KB (CE @ 4144.47' W/ 12' KB) W/ 1500# Of Tension, NU Injection Tree, Fill Csg W/ 35BW, Pressured Up Csg To 1500psi, No Pressure Loss In 60 Min..GOOD TEST...6:00PM To 6:30PM C/ Travl....READY FOR MIT - 5:30AM To 6:00AM C/ Travl: OWU @ 6:00AM, Cont TIH W/ Retrievable PKR, RU & RIH W/ Sandine, Seat Stnd Valv, H/ Oiler Pumped 23 BW To Fill Tbg , Pressured Up Tbg To 3000psi, No Pressure Loss In 60 Min, RU & RIH W/ Sandline W/ Overshot, Retrieved Stnd Valv, RD

Workfloor, ND Weatherford BOP, RU H/ Oiler To Circulate 70 BW W/ PKR Fluid To Csg, Set PKR @ 4148.12' W/ 12' KB (CE @ 4144.47' W/ 12' KB) W/ 1500# Of Tension, NU Injection Tree, Fill Csg W/ 35BW, Pressured Up Csg To 1500psi, No Pressure Loss In 60 Min..GOOD TEST...6:00PM To 6:30PM C/ Travl....READY FOR MIT

Daily Cost: \$0

Cumulative Cost: \$25,227

9/24/2012 Day: 4

Conversion

Rigless on 9/24/2012 - Conduct initial MIT - On 09/17/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/18/2012 the casing was pressured up to 1680 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 240 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 09/17/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/18/2012 the casing was pressured up to 1680 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 240 psig during the test. There was a State representative available to witness the test - Chris Jensen. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$113,497

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379	
SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)	
1. TYPE OF WELL Water Injection Well	
8. WELL NAME and NUMBER: FEDERAL 1-17-9-16	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	
9. API NUMBER: 43013330280000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052 PHONE NUMBER: 435 646-4825 Ext	
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 17 Township: 09.0S Range: 16.0E Meridian: S	
COUNTY: DUCHESNE	
STATE: UTAH	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/7/2012	<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 checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Put on Injection"/>

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

The above reference well was put on injection at 11:00 AM on 12/07/2012.

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

FOR RECORD ONLY

December 10, 2012

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 12/10/2012	

Federal 1-17-9-16

Spud Date: 9-13-06
 Put on Production: 11-15-06
 GI.: 5878' KB: 5890'

Injection Wellbore Diagram

SURFACE CASING

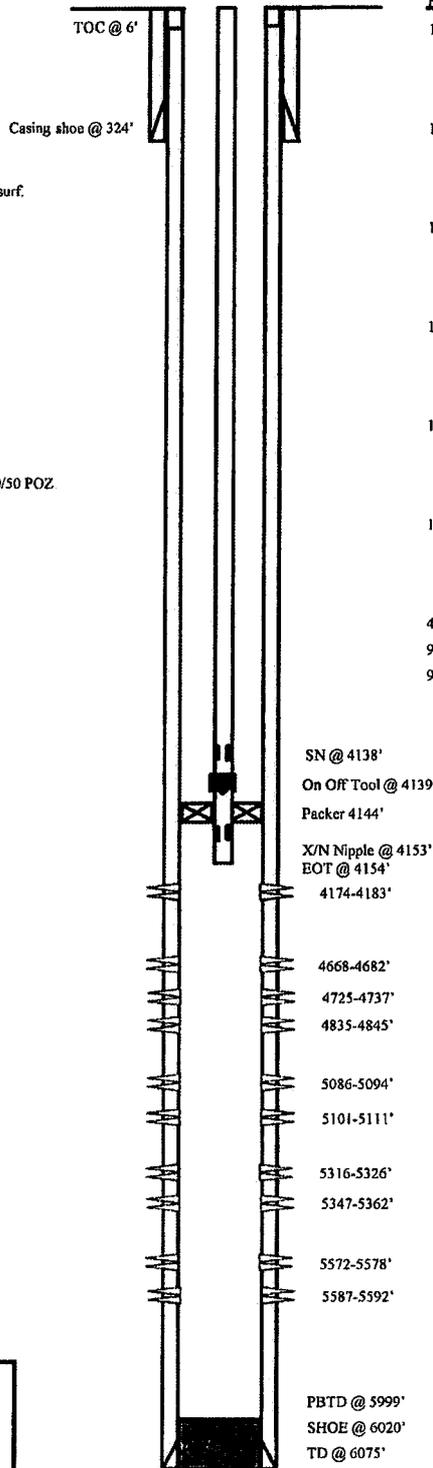
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (311 97")
 DEPTH LANDED: 323 82' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15 5#
 LENGTH: 137 jts. (6007 66")
 DEPTH LANDED: 6020.91' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sxs Prem Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 6'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6 5#
 NO OF JOINTS: 136 jts (4126 3')
 SEATING NIPPLE: 2-7/8" (1 10")
 SN LANDED AT: 4138 3' KB
 ON/OFF TOOL AT: 4139.4'
 SEAL NIPPLE AT: 4140 8'
 ARROW #1 PACKER CE AT: 4144 47'
 XO 2-3/8 x 2-7/8 J-55 AT 4148 1'
 TBG PUP 2-3/8 N-80 AT: 4148 6'
 X/N NIPPLE AT: 4152.6'
 TOTAL STRING LENGTH: EOT @ 4154'



FRAC JOB

11-07-06 5572-5592' **Frac CP1 sands as follows:**
 25276# 20/40 sand in 354 bbls Lightning 17 frac fluid. Treated @ avg press of 2000 psi w/avg rate of 25.5 BPM. ISIP 2000 psi. Calc flush: 5107 gal. Actual flush: 5570 gal.

11-07-06 5316-5362' **Frac LODC sands as follows:**
 140563# 20/40 sand in 964 bbls Lightning 17 frac fluid. Treated @ avg press of 2425 psi w/avg rate of 25 BPM. ISIP 2450 psi. Calc flush: 4809 gal. Actual flush: 5314 gal.

11-08-06 5086-5111' **Frac A 1 sands as follows:**
 90538# 20/40 sand in 724 bbls Lightning 17 frac fluid. Treated @ avg press of psi w/avg rate of BPM. ISIP 2190 psi. Calc flush: 4578 gal. Actual flush: 5084 gal.

11-08-06 4835-4845' **Frac C sands as follows:**
 30222# 20/40 sand in 404 bbls Lightning 17 frac fluid. Treated @ avg press of 2105 w/avg rate of 25.5 BPM. ISIP 2060 psi. Calc flush: 4368 gal. Actual flush: 4833 gal.

11-08-06 4668-4737' **Frac D1, & D2 sands as follows:**
 80170# 20/40 sand in 587 bbls Lightning 17 frac fluid. Treated @ avg press of 1932 w/avg rate of 25.5 BPM. ISIP 2090 psi. Calc flush: 4162 gal. Actual flush: 4666 gal.

11-08-06 4174-4183' **Frac GB4 sands as follows:**
 27661# 20/40 sand in 296 bbls Lightning 17 frac fluid. Treated @ avg press of 1800 w/avg rate of 25.3 BPM. ISIP 1818 psi. Calc flush: 4032 gal. Actual flush: 4172 gal.

4/13/11 **Tubing leak.** Updated rod & tubing detail

9/14/12 **Convert to Injection well**

9/18/12 **Conversion MIT Finalized** - update tbg detail

PERFORATION RECORD

Date	Interval	Tool	Holes
11-01-06	5587-5592'	4 JSPF	20 holes
11-01-06	5572-5578'	4 JSPF	24 holes
11-07-06	5347-5362'	4 JSPF	60 holes
11-07-06	5316-5326'	4 JSPF	40 holes
11-07-06	5101-5111'	4 JSPF	40 holes
11-07-06	5086-5094'	4 JSPF	32 holes
11-08-06	4835-4845'	4 JSPF	40 holes
11-08-06	4725-4737'	4 JSPF	48 holes
11-08-06	4668-4682'	4 JSPF	56 holes
11-08-06	4174-4183'	4 JSPF	36 holes

NEWFIELD



Federal 1-17-9-16

660' FNL & 660' FEL

NE/NE Section 17-T9S-R16E

Duchesne Co, Utah

API # 43-013-33028; Lease # UTU-64379



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-395

Operator: Newfield Production Company
Well: Federal 1-17-9-16
Location: Section 17, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-33028
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on August 7, 2012.
2. Maximum Allowable Injection Pressure: 1,791 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,980' – 5,999')
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

12-4-2012
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

