NEWFIELD

February 10, 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: 7-8-9-16, 8-8-9-16, 9-8-9-16, 10-8-9-16, 15-8-9-16, and 16-8-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 9-8-9-16 and 16-8-9-16 are Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
FEB 15 2006
DIV. OF OIL, GAS & MINING

Form 3160-3
(September 2001)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.: UTU-64379

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

1a. Type of Work: [X] DRILL [ ] REENTER

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

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

8. Lease Name and Well No.: Federal 10-8-9-16

2. Name of Operator: Newfield Production Company

9. API Well No.: 43-013-33059

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

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

10. Field and Pool, or Exploratory: Monument Butte

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

At surface NW/SE 1837' FSL 1994' FEL 573342X 40.043197

At proposed prod. zone 4432696Y -110.140274

11. Sec., T., R., M., or Blk. and Survey or Area: NW/SE Sec. 8, T9S R16E

14. Distance in miles and direction from nearest town or post office*: Approximatley 13.6 miles southwest of Myton, Utah

12. County or Parish: Duchesne

13. State: UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any): Approx. 646' 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. 1176'

19. Proposed Depth: 6190'

20. BLM/BIA Bond No. on file: UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.): 5883' GL

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

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

24. Attachments

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

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

25. Signature: Mandie Crozier — Name *(Printed/Typed)*: Mandie Crozier — Date: 2/10/06

Title: Regulatory Specialist

Approved by *(Signature)*: — Name *(Printed/Typed)*: BRADLEY G. HILL — Date: 02-21-06

Title: — Office: ENVIRONMENTAL MANAGER

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

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

**(Instructions on reverse)*

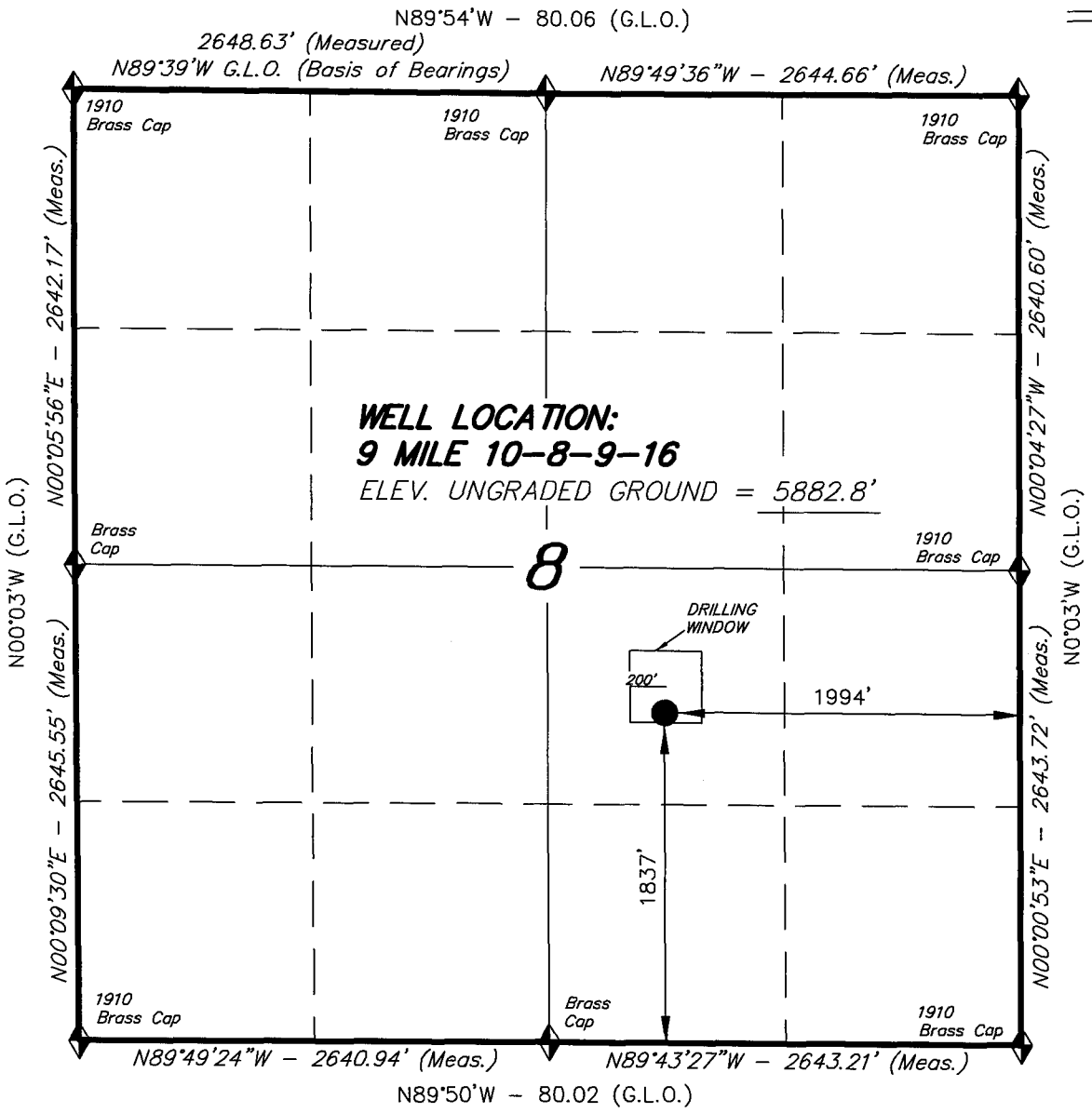
Federal Approval of this Action Is Necessary

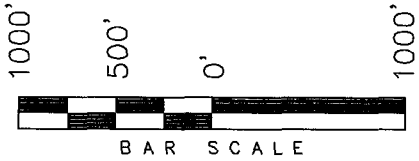
RECEIVED
FEB 15 2006
DIV. OF OIL, GAS & MINING

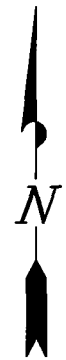
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 10-8-9-16, LOCATED AS SHOWN IN THE NW 1/4 SE 1/4 OF SECTION 8, 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

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

REGISTERED LAND SURVEYOR
STATE OF UTAH

◆ = SECTION CORNERS LOCATED

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

9 MILE 10-8-9-16
(Surface Location) *NAD 83*
LATITUDE = 40° 02' 35.60"
LONGITUDE = 110° 08' 27.14"

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

DATE SURVEYED: 12-07-05	SURVEYED BY: K.S.
DATE DRAWN: 1-02-05	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
FEDERAL #10-8-9-16
NW/SE SECTION 8, 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' – 2700'
Green River	2700'
Wasatch	6190'

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

Green River Formation 2700' – 6190' - 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 #10-8-9-16
NW/SE SECTION 8, 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 #10-8-9-16 located in the NW 1/4 SE 1/4 Section 8, T9S, R16E, Uintah County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles ± to the junction of this highway and UT State Hwy 53; proceed southwesterly – 10.9 miles ± to it's junction with an existing road to the southeast; proceed southeasterly – 0.3 miles ± to it's junction with an existing road to the northeast; proceed northeasterly – 0.5 miles ± to it's junction with the beginning of the proposed access road; proceed northeasterly along the proposed access road – 1,810' ± 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. Archaeological 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 #10-8-9-16 Newfield Production Company requests a 1,120' ROW be granted in Lease UTU-74390 and 690' 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 1,120' ROW be granted in Lease UTU-74390 and 690' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 6" gas gathering line, and a buried 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

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

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

Threatened, Endangered, And Other Sensitive Species
Golden Eagle: Lease Notice Only.

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

disturbing activities will be allowed between March 15 and August 15 within a 0.5 mile radius of any documented mountain plover nest site.

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	*Agropyron Cristatum*	12 lbs/acre

Details of the On-Site Inspection
The proposed Federal #10-8-9-16 was on-sited on 10/25/05. The following were present; Shon Mckinnon (Newfeild Production), Byron Tolman (Bureau of Land Management), and Todd MaGrath (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

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

Representative

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

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #10-8-9-16 NW/SE Section 8, Township 9S, Range 16E: Lease UTU-64379 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

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

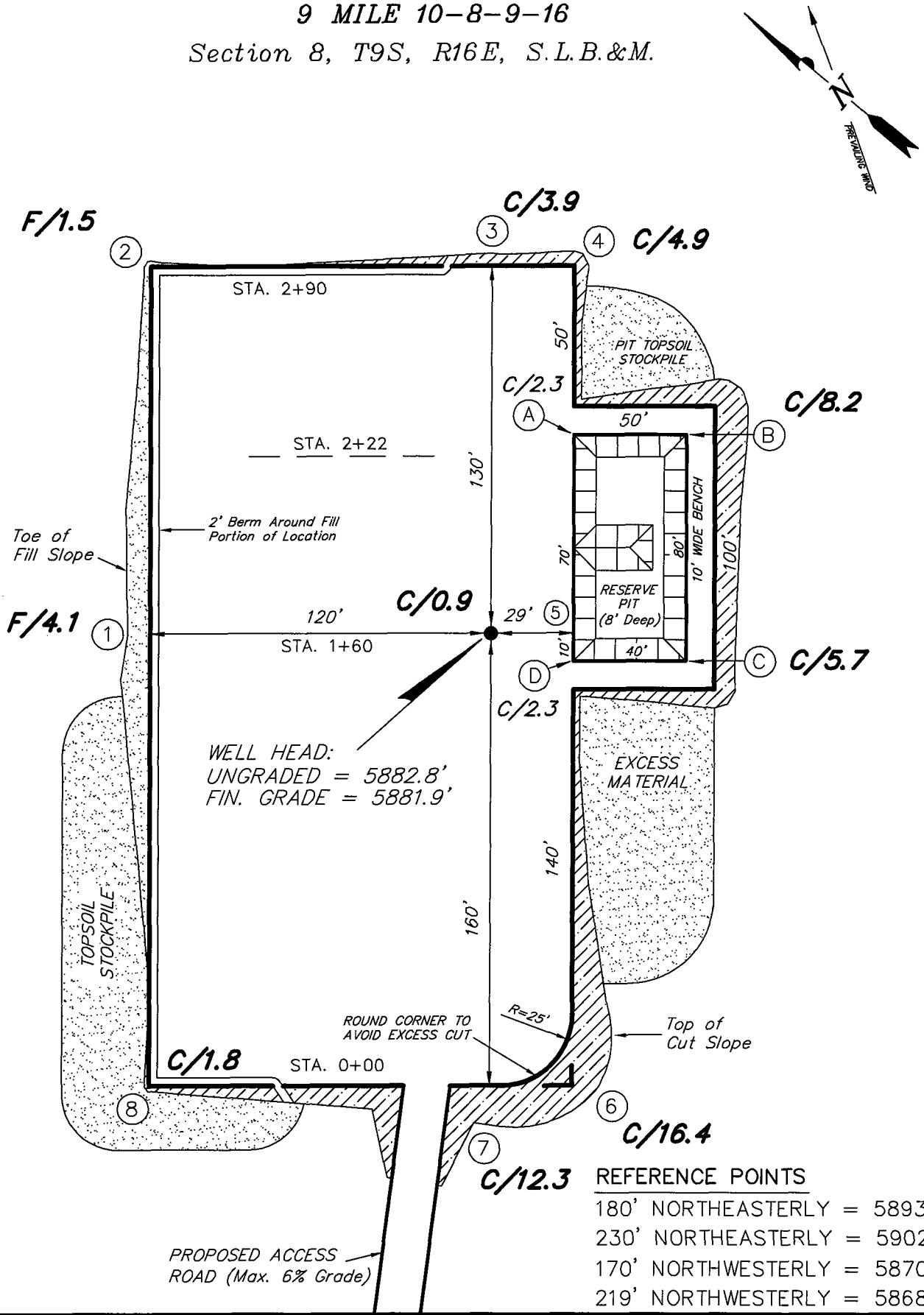
2/10/06
Date

Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 10-8-9-16

Section 8, T9S, R16E, S.L.B.&M.



REFERENCE POINTS

180' NORTHEASTERLY = 5893.8'
230' NORTHEASTERLY = 5902.2'
170' NORTHWESTERLY = 5870.9'
219' NORTHWESTERLY = 5868.9'

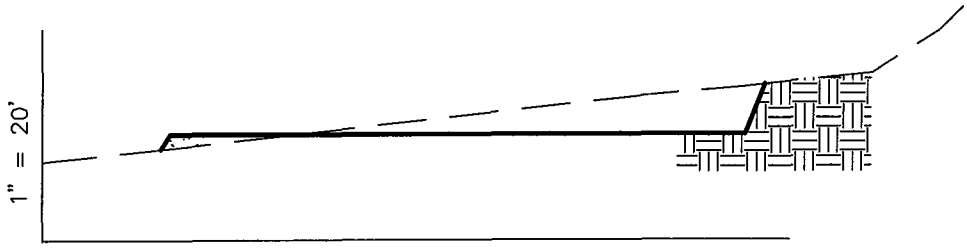
SURVEYED BY:	K.S.	SCALE:	1" = 50'
DRAWN BY:	M.W.	DATE:	1-02-06

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

NEWFIELD PRODUCTION COMPANY

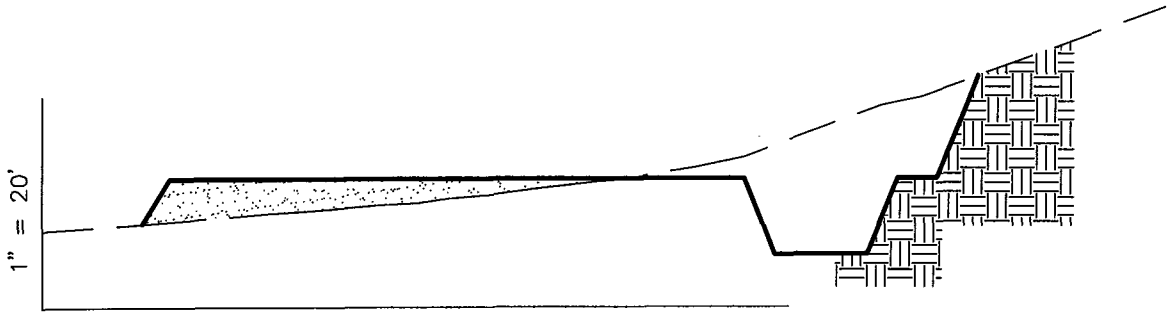
CROSS SECTIONS

9 MILE 10-8-9-16



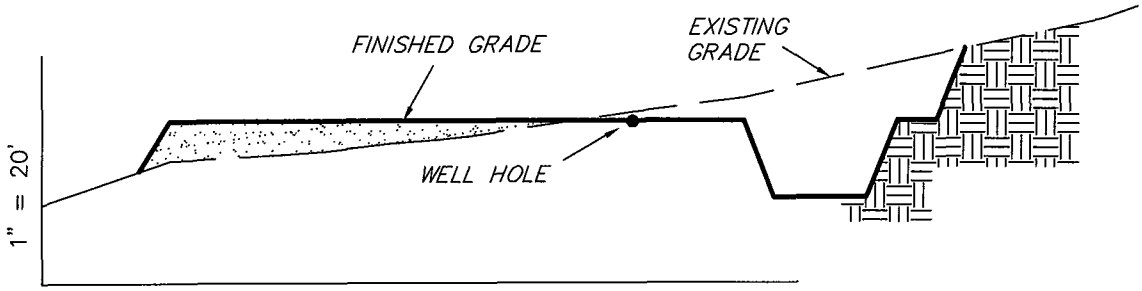
1" = 50'

STA. 2+90



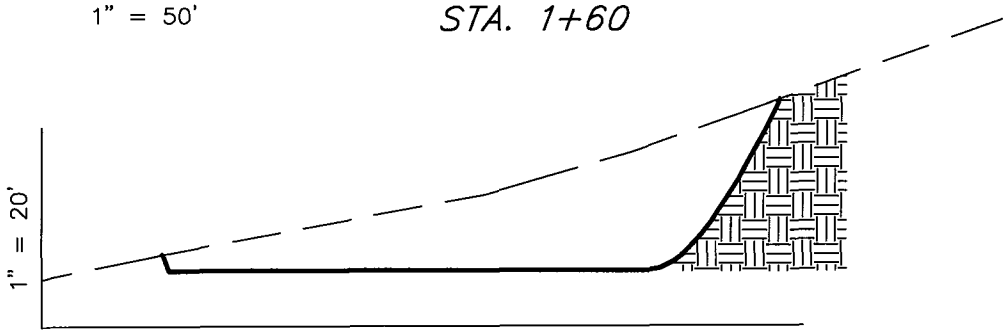
1" = 50'

STA. 2+22



1" = 50'

STA. 1+60



1" = 50'

STA. 0+00

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	3,710	2,170	Topsoil is not included in Pad Cut	1,540
PIT	640	0		640
TOTALS	4,350	2,170	1,000	2,180

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

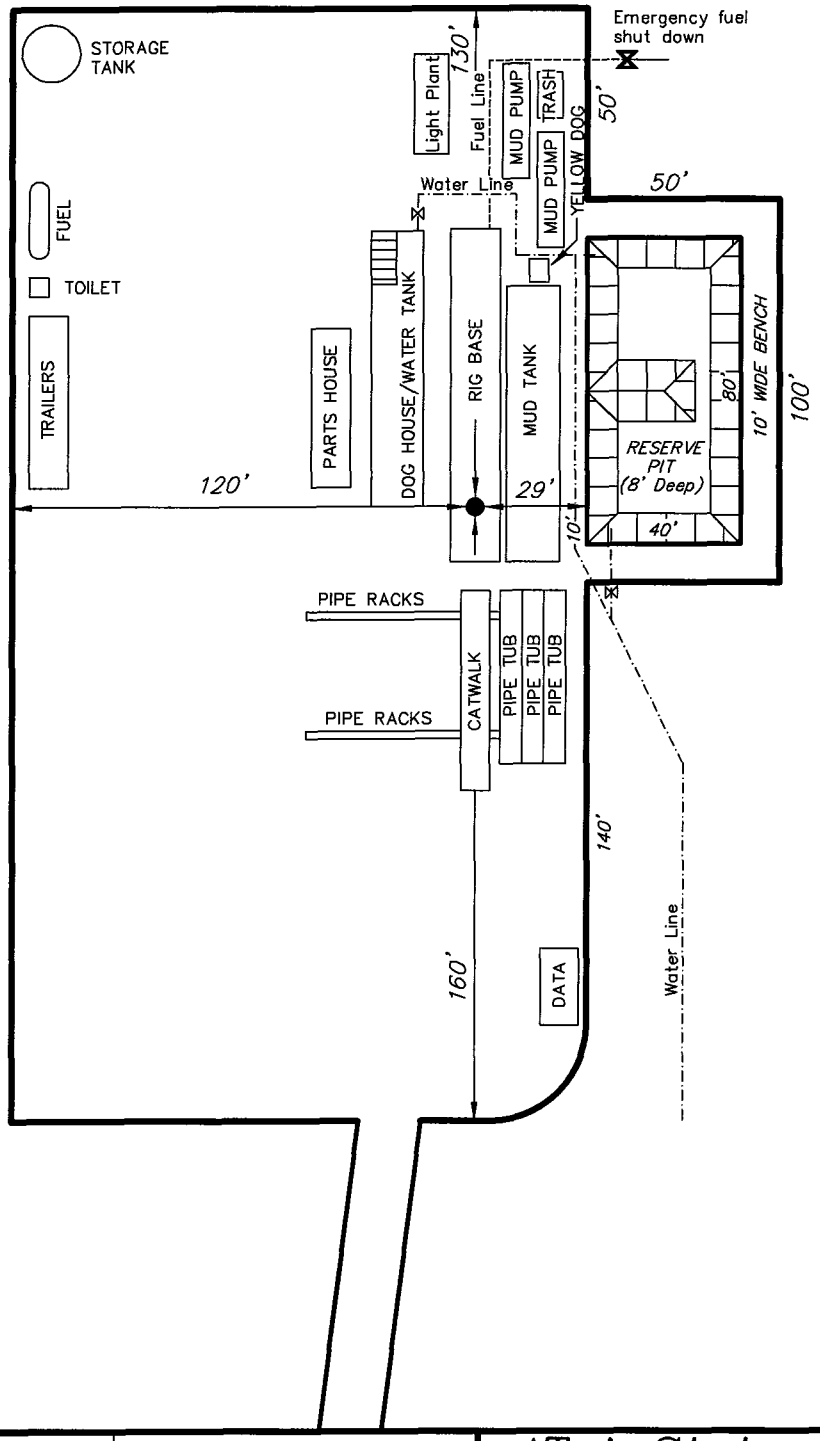
SURVEYED BY: K.S.	SCALE:	1" = 50'	
DRAWN BY: M.W.	DATE:	1-02-06	

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

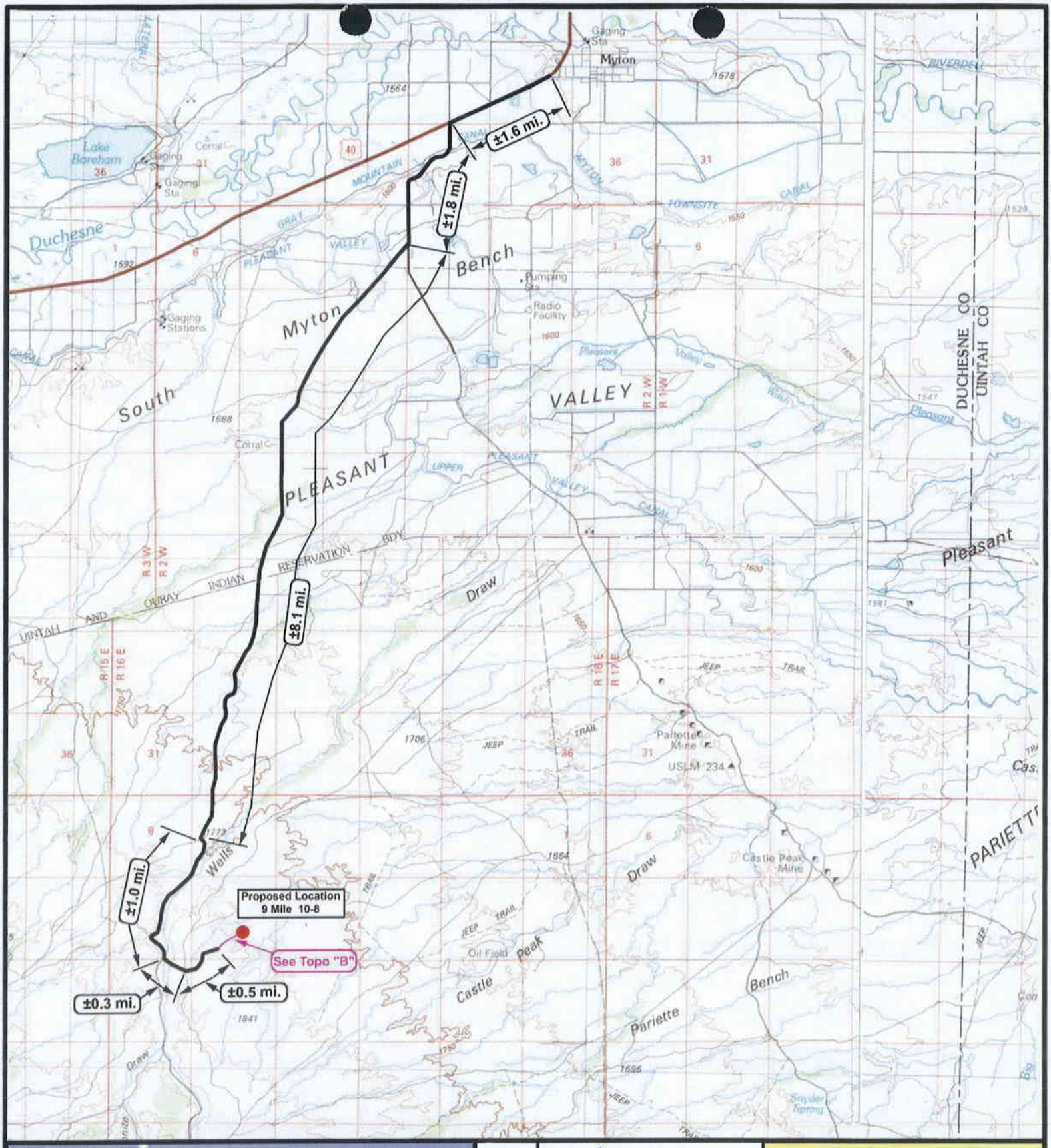
NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

9 MILE 10-8-9-16



SURVEYED BY: K.S.	SCALE: 1" = 50'	Tri State Land Surveying, Inc.	(435) 781-2501
DRAWN BY: M.W.	DATE: 1-02-06	180 NORTH VERNAL AVE. VERNAL, UTAH 84078	



NEWFIELD
Exploration Company

9 Mile 10-8-9-16
SEC. 8, T9S, R16E, S.L.B.&M.

N

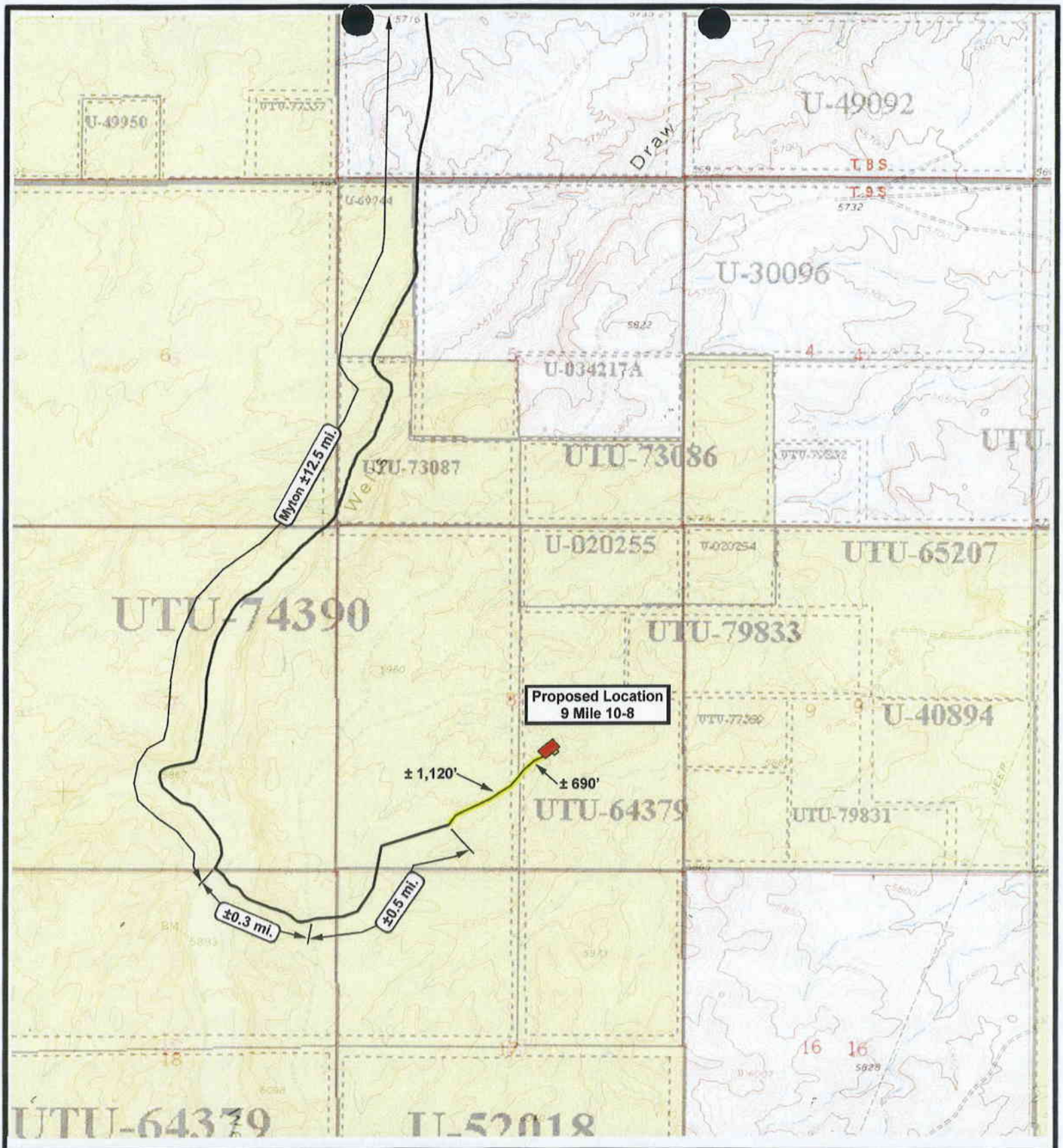
Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 01-03-2006

Legend

Existing Road
Proposed Access

TOPOGRAPHIC MAP
"A"



NEWFIELD
Exploration Company

9 Mile 10-8-9-16
SEC. 8, T9S, R16E, S.L.B.&M.

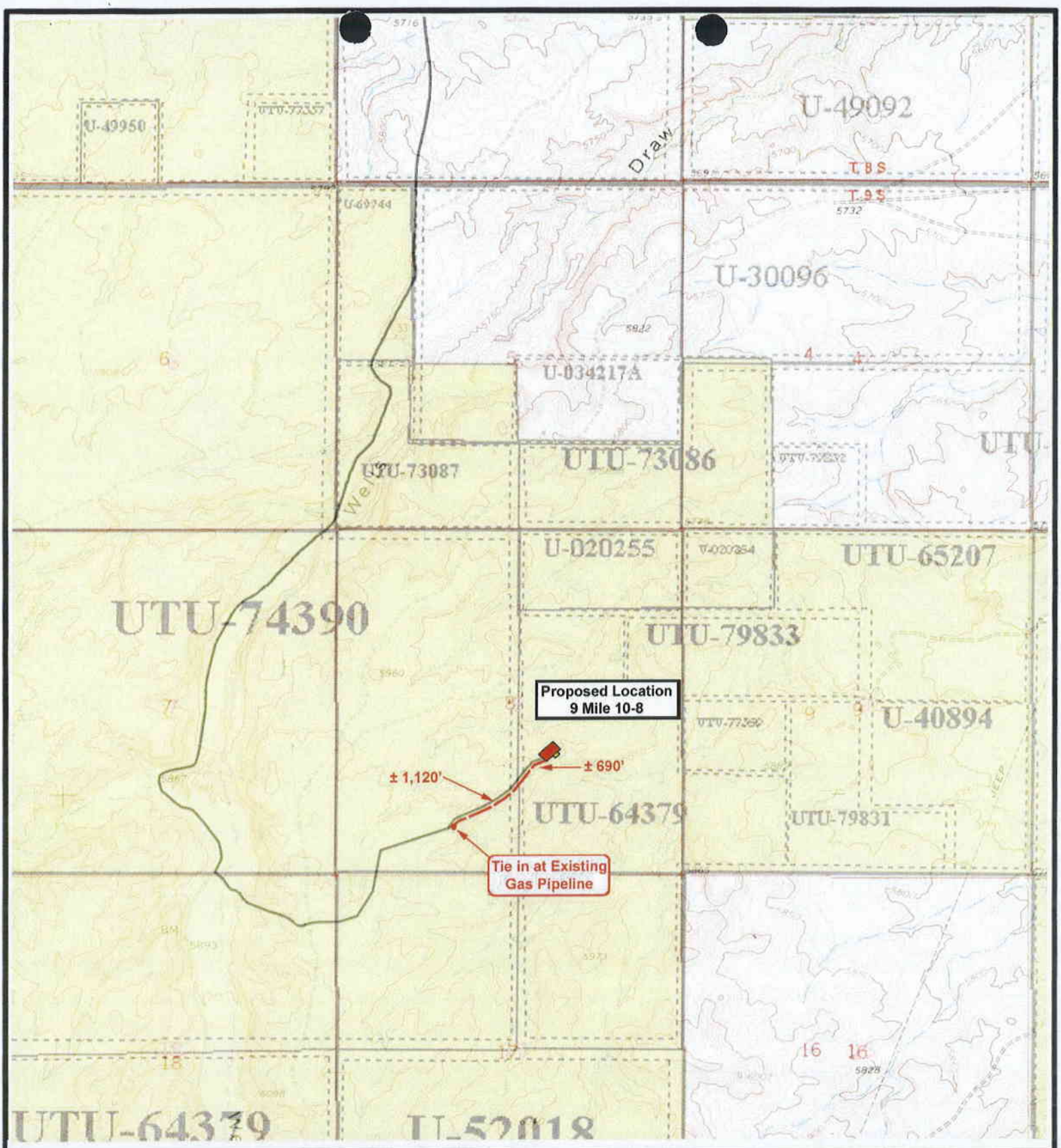
N

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

SCALE: 1" = 2000'
DRAWN BY: mw
DATE: 01-03-2006

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP
"B"



NEWFIELD
Exploration Company

9 Mile 10-8-9-16
SEC. 8, T9S, R16E, S.L.B.&M.

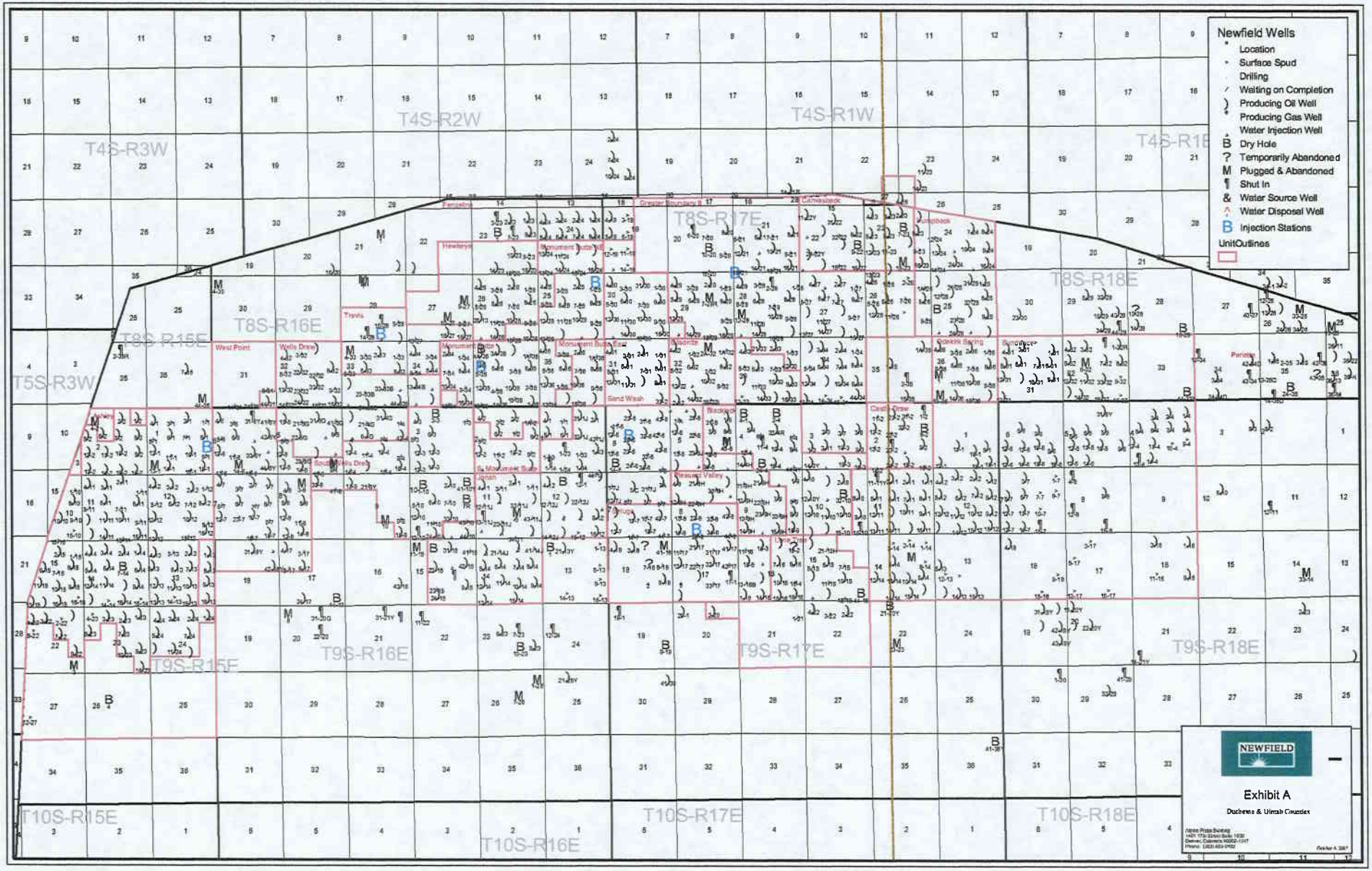
N

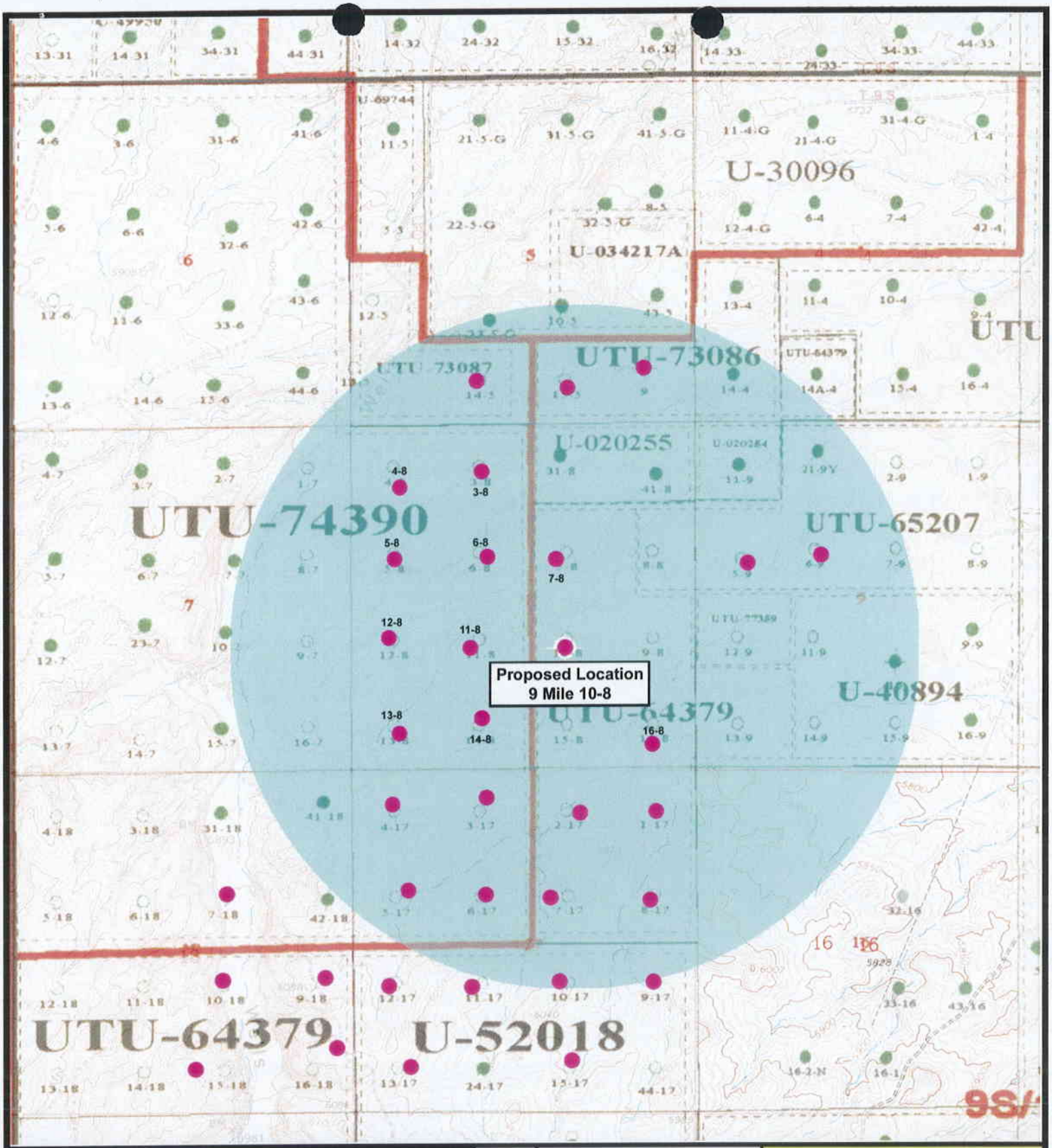
Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'
DRAWN BY: mw
DATE: 01-02-2006

Legend
- Roads
- Proposed Gas Line
- Proposed Water Line

TOPOGRAPHIC MAP
"C"


Newfield Wells
Location
Surface Spud
Drilling
Waiting on Completion
Producing Oil Well
Producing Gas Well
Water Injection Well
Dry Hole
Temporarily Abandoned
Plugged & Abandoned
Shut In
Water Source Well
Water Disposal Well
Injection Stations
UnitOutlines
T4S-R3W
T4S-R2W
T4S-R1W
T4S-R1E
T5S-R3W
T8S-R16E
T8S-R17E
T8S-R18E
T9S-R15E
T9S-R16E
T9S-R17E
T9S-R18E
T10S-R15E
T10S-R16E
T10S-R17E
T10S-R18E
Greater Boundary B
Cedar Rim
Pariette
Exhibit A
Duchesne & Uintah Counties



NEWFIELD
Exploration Company

9 Mile 10-8-9-16
SEC. 8, T9S, R16E, S.L.B.&M.

N

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

SCALE:	1" = 2,000'
DRAWN BY:	mw
DATE:	01-03-2006

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

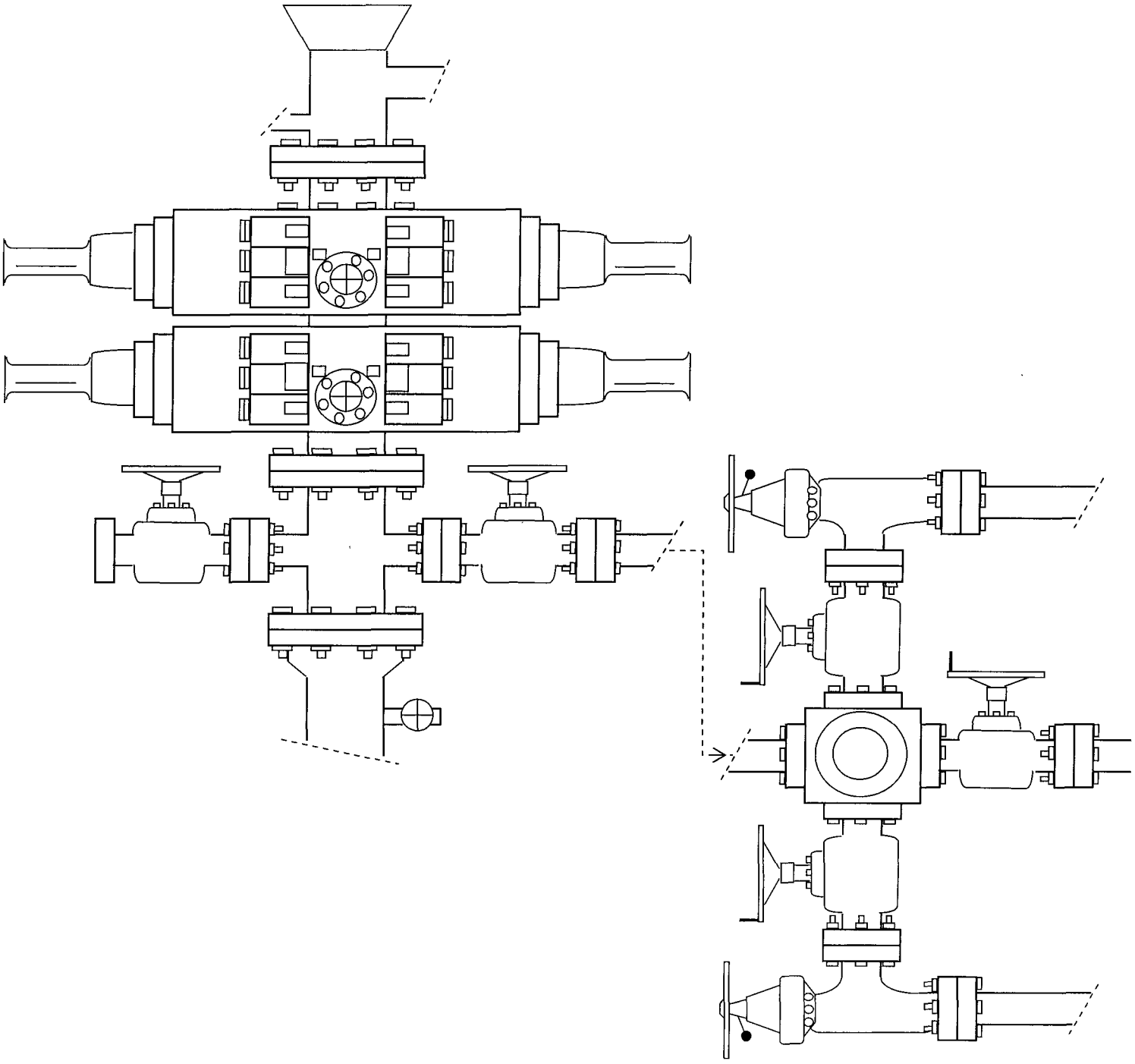


EXHIBIT C

Exhibit "D"
Page 1 of 2

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: 02/15/2006

API NO. ASSIGNED: 43-013-33059

WELL NAME: FEDERAL 10-8-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

PROPOSED LOCATION:

NWSE 08 090S 160E

SURFACE: 1837 FSL 1994 FEL

BOTTOM: 1837 FSL 1994 FEL

COUNTY: DUCHESNE

LATITUDE: 40.04320 LONGITUDE: -110.1403

UTM SURF EASTINGS: 573342 NORTHINGS: 4432696

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-64379

PROPOSED FORMATION: GRRV

SURFACE OWNER: 1 - Federal

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)

N Potash (Y/N)

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

✓ Water Permit
(No. MUNICIPAL)

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

N/A Fee Surf Agreement (Y/N)

N/A Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: ___

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

___ R649-3-3. Exception

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

___ R649-3-11. Directional Drill

COMMENTS: Sop, Separate file

STIPULATIONS: 1- Federal Approval
2- Spacing Stip

OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 8 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

N
W E
S

PREPARED BY: DIANA WHITNEY

DATE: 17-FEBRUARY-2006

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

February 21, 2006

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

Re: Federal 10-8-9-16 Well, 1837' FSL, 1994' FEL, NW SE, Sec. 8, 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 43-013-33059.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

Operator: Newfield Production Company

Well Name & Number Federal 10-8-9-16

API Number: 43-013-33059

Lease: UTU-64379

Location: NW SE **Sec.** 8 **T.** 9 South **R.** 16 East

Conditions of Approval

1. General

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

2. Notification Requirements

   Notify the Division within 24 hours of spudding the well.

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

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

   - Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

RECEIVED

FEB 15 2006

BLM VERNAL, UTAH

Form 3160-3
(September 2001)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.: UTU-64379

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

1a. Type of Work: [x] DRILL [ ] REENTER

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

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

8. Lease Name and Well No.: Federal 10-8-9-16

2. Name of Operator: Newfield Production Company

9. API Well No.: 43-013-33059

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

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

10. Field and Pool, or Exploratory: Monument Butte

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

At surface NW/SE 1837' FSL 1994' FEL

At proposed prod. zone

11. Sec., T., R., M., or Blk. and Survey or Area: NW/SE Sec. 8, T9S R16E

14. Distance in miles and direction from nearest town or post office*: Approximatley 13.6 miles southwest of Myton, Utah

12. County or Parish: Duchesne

13. State: UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 646' 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. 1176'

19. Proposed Depth: 6190'

20. BLM/BIA Bond No. on file: UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.): 5893' GL

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

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

24. Attachments

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

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

25. Signature: Mandie Crozier — Name *(Printed/Typed)*: Mandie Crozier — Date: 2/10/06

Title: Regulatory Specialist

Approved by *(Signature)*: Jerry Kenczka — Name *(Printed/Typed)*: Jerry Kenczka — Date: 12-7-2006

Title: Assistant Field Manager Lands & Mineral Resources — Office:

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

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

**(Instructions on reverse)*

RECEIVED

DEC 21 2006

DIV. OF OIL, GAS & MINING

UDOGM

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:**	**NWSE, Sec 8, T9S, R16E**
Well No:	**Federal 10-8-9-16**	**Lease No:**	**UTU-64379**
API No:	**43-013-33059**	**Agreement:**	**N/A**

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Petroleum Engineer:	Jim Ashley	Office: 435-781-4470	
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Scott Ackerman	Office: 435-781-4437	
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 Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Michael Lee)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Jamie Sparger)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Jamie Sparger)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Michael Lee)	-	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)

1. This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.,* signed November 21, 2005. If the well has not been spudded by November 21, 2010, a new environmental document will have to be prepared prior to the approval of the APD.

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

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

4. The proposed action is in Sage Grouse nesting habitat. According to the 43 CFR 3101.1-2, surface disturbing activities and drilling may be prohibited during the year to minimize adverse impacts to nesting raptors. During the period of **March 1st through June 30th**, no new drilling or surface disturbing activities will be allowed. If a request for an exception to this limitation is desired, the request must be made in writing to the Vernal Field Office Manager two weeks prior to the anticipated construction, and approved prior to drilling or surface disturbing activities.

5. No drilling or surface disturbing activities are allowed 600' or less from live water

6. If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.

7. The reserve pit will be lined with a 16 ml or greater liner prior to spudding.

8. 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.

9. The liner is to be cut 5 feet below ground or at the level of the cuttings, whichever is deeper and the excess liner material is to be disposed of at an authorized disposal site.

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

11. The well pad and access/pipeline require monitoring by a qualified Paleontologist prior to and during any surface disturbing activities.
12. Prevent fill and stock piles from entering drainages.

CULTURAL AND PALEONTOLOGICAL RESOURCES

13. 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 will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will 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.

14. The access road will be crowned and ditched. Flat-bladed roads are **NOT** allowed.

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

16. All well facilities not regulated by OSHA will be painted Carlsbad Canyon.

17. The boulders >3' found at the surface or above ground will be saved for final reclamation.

18. Interim Reclamation (see below):
    A. Where possible, strip six inches of topsoil from the location as shown on the cut sheet. After the well is converted to an injection well, the topsoil will be spread and re-contoured on the location and immediately seeded with the seed mix below.

a. Interim Reclamation Seed Mix for location:

b.	Galleta grass	*Hilaria jamesil*	6 lbs/acre
c.	Western wheatgrass	*Pascopyrum smithii*	6 lbs/acre
		1. Per Live Seed Total	12 lbs/acre

d. 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.
e. There shall be no primary or secondary noxious weeds in the seed mixture.
f. Once the location is plugged and abandoned contact the Authorized Officer for final reclamation plans.
g. 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.
h. 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 will be doubled and the area raked or chained to cover the seed.

DOWNHOLE CONDITIONS OF APPROVAL

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

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. None

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.

2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.

3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**

4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

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

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

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

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

5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).

6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

7. The lessee/operator must report encounters of all non oil & gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to Peter Sokolosky or another geologist of the Vernal Field Office in writing within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

8. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.

9. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

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

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

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

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

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

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

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

    All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

12. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.

13. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

14. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:

    a. Operator name, address, and telephone number.

    b. Well name and number.

    c. Well location (¼¼, Sec., Twn, Rng, and P.M.).

    d. Date well was placed in a producing status (date of first production for which royalty will be paid).

    e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

    f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.

g. Unit agreement and / or participating area name and number, if applicable.

h. Communitization agreement number, if applicable.

15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.

16. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production

17. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

18. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: **NEWFIELD PRODUCTION COMPANY**

Well Name: **FEDERAL 10-8-9-16**

Api No: **43-013-33059** Lease Type: **FEDERAL**

Section **08** Township **09S** Range **16E** County **DUCHESNE**

Drilling Contractor **NDSI** RIG # **NS#1**

SPUDDED:

Date **01/10/07**

Time **8:30 AM**

How **DRY**

Drilling will Commence:

Reported by **DON BASTIAN**

Telephone # **(435) 823-6012**

Date **01/10/2007** **Signed** **CHD**

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

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

OPERATOR ACCT. NO. N2695

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	15876	4304736712	FEDERAL 11-28-8-16	NE/SW	28	8S	16E	UINTAH	1/9/2007	1/11/07

WELL 1 COMMENTS: GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	15877	4301333060	FEDERAL 16-8-9-16	NESE	8	9S	16E	DUCHESNE	01/10/07	1/11/07

GRRV 33059

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

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

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

WELL 5 COMMENTS:

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

WELL 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 Clerk
Title

January 10, 2007
Date

RECEIVED
JAN 10 2007
DIV. OF OIL, GAS & MINING

FORM 3160-5
(September 2001)

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.
USA UTU-64379

6. If Indian, Allottee or Tribe Name.

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

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
FEDERAL 10-8-9-16

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

9. API Well No.
4301333059

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

3b. Phone *(include are code)*
435.646.3721

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
1837 FSL 1994 FEL

NWSE Section 8 T9S R16E

11. County or Parish, State
DUCHESNE, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production(Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Weekly Status Report
	☐ Change Plans	☐ Plug & Abandon	☐ Temporarily Abandon	
	☐ Convert to	☐ Plug Back	☐ 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 2/14/07 MIRU NDSI Rig # 1. 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 notifed of test. PU BHA and tag cement @ 262'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6175'. 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, 141 jt's of 5.5 J-55, 15.5# csgn. Set @ 6178' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 35 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 90,000 #'s tension. Release rig @ 4:30 PM on 2/21/07.

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

Title
Drilling Foreman

Signature Justin Crum

Date
03/02/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

Office

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

(Instructions on reverse)

RECEIVED
MAR 05 2007
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6178.12

Flt cllr @ 6120.27

LAST CASING 8 5/8" SET AT 302.92'

OPERATOR Newfield Production Company

DATUM 12

WELL Federal 10-8-9-16

DATUM TO CUT OFF CASING 12

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE

CONTRACTOR & RIG # NDSI Rig # 1

TD DRILLER 6175' LOGGER

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 @ 3996' 6.09'					
139	**5 1/2"**	ETC LT & C casing	**15.5#**	**J-55**	**8rd**	**A**	6120.27
							0.6
1	**5 1/2"**	ETC LT&C csg	**15.5#**	**J-55**	**8rd**	**A**	44.6
		GUIDE shoe			**8rd**	**A**	0.65

CASING INVENTORY BAL.	FEET	JTS
TOTAL LENGTH OF STRING	6180.12	140
LESS NON CSG. ITEMS	15.25	
PLUS FULL JTS. LEFT OUT	177.4	4
TOTAL	**6342.27**	144
TOTAL CSG. DEL. (W/O THRDS)	6342.27	144
TIMING	1ST STAGE	2nd STAGE
BEGIN RUN CSG.	2/21/2007	2:00 AM
CSG. IN HOLE	2/21/2007	4:30 AM
BEGIN CIRC	2/21/2007	4:30 AM
BEGIN PUMP CMT	2/21/2007	10:25 AM
BEGIN DSPL. CMT	2/21/2007	11:28 AM
PLUG DOWN	**2/21/2007**	**11:53 AM**

TOTAL LENGTH OF STRING	6180.12
LESS CUT OFF PIECE	14
PLUS DATUM TO T/CUT OFF CSG	12
CASING SET DEPTH	**6178.12**

} COMPARE

GOOD CIRC THRU JOB Yes

Bbls CMT CIRC TO SURFACE 35

RECIPROCATED PIPE FOR THRUSTROKE

DID BACK PRES. VALVE HOLD ? Yes

BUMPED PLUG TO 1600 PSI

CEMENT USED		CEMENT COMPANY- **B. J.**
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	300	Premlite II w/ 10% gel + 3 % KCL, 3#'s /sk CSE + 2# sk/kolseal + 1/2#'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 Justin Crum DATE 2/21/2007

RECEIVED
MAR 0 5 2007
DIV. OF OIL, GAS & MINING

FORM 3160-5
(September 2001)

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.
USA UTU-64379

6. If Indian, Allottee or Tribe Name.

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

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
FEDERAL 10-8-9-16

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

9. API Well No.
4301333059

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

3b. Phone *(include are code)*
435.646.3721

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
1837 FSL 1994 FEL

NWSE Section 8 T9S R16E

11. County or Parish, State
DUCHESNE, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production(Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug & Abandon	☐ Temporarily Abandon	
	☐ Convert to	☐ Plug Back	☒ 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

Date
03/22/2007

Approved by

Title

Date

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

Office

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

(Instructions on reverse)

RECEIVED
MAR 23 2007
DIV. OF OIL, GAS & MINING

FORM 3160-4
(July 1992)

SUBMIT IN DUPLICATE* (See other instructions ons reverse side)

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

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

7. UNIT AGREEMENT NAME: Federal

8. FARM OR LEASE NAME, WELL NO.: Federal 10-8-9-16

9. WELL NO.: 43-013-33059

10. FIELD AND POOL OR WILDCAT: Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 8, T9S, R16E

1a. TYPE OF WORK
OIL WELL [X] GAS WELL [ ] DRY [ ] Other

1b. TYPE OF WELL
NEW WELL [X] 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: 1837' FSL & 1994' FEL (NW/SE) Sec. 8, T9S, R16E
At top prod. Interval reported below
At total depth

14. API NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-013-33059	02/21/06	Duchesne	UT

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD
1/10/07	2/19/07	03/20/07	5883' GL	5895' KB	

20. TOTAL DEPTH, MD & TVD	21. PLUG BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
6175'	6132'		------->	X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*: Green River 4220'-5705'

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#	303'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6178'	7-7/8"	300 sx Premlite II and 450 sx 50/50 Poz	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	EOT @ 5791'	TA @ 5663'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER
(CP1) 5689'-5705'	.49"	4/64
(A1) 5227'-5242'	.43"	4/60
(B1, C) 5032'-39', 4987',91', 4948'-54'	.43"	4/68
(D1) 4787'-4792'	.43"	4/20
(GB6) 4295'-4301',4310'-4318'	.43"	4/56
(GB4) 4220'-4227'	.43"	4/28

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5689'-5705'	Frac w/ 70,351# 20/40 sand in 534 bbls fluid
5227'-5242'	Frac w/ 70,779# 20/40 sand in 576 bbls fluid
4948'-5039'	Frac w/ 60,246# 20/40 sand in 479 bbls fluid
4787'-4792'	Frac w/ 14,960# 20/40 sand in 232 bbls fluid
4295'-4318'	Frac w/ 40,023# 20/40 sand in 358 bbls fluid
4220'-4227'	Frac w/ 23,024# 20/40 sand in 251 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)
03/20/07	2-1/2" x 1-1/2" x 14' RHAC SM Plunger Pump	PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBLS.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 day ave			----->	76	77	43	1013

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)
		----->				

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

TEST WITNESSED BY

RECEIVED
APR 10 2007
DIV. OF OIL, GAS & MINING

35. LIST OF ATTACHMENTS

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

SIGNED Jentri Park TITLE Production Clerk DATE 4/4/2007

JP

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

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			Well Name **Federal 10-8-9-16**

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Garden Gulch Mkr	3748'	
Garden Gulch 1	3966'	
Garden Gulch 2	4073'	
Point 3 Mkr	4331'	
X Mkr	4602'	
Y-Mkr	4635'	
Douglas Creek Mkr	4748'	
BiCarbonate Mkr		
B Limestone Mkr	5100'	
Castle Peak	5628'	
Basal Carbonate	6064'	
Total Depth (LOGGERS	6203'	

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:

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

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL [x] GAS WELL [ ] OTHER

8. WELL NAME and NUMBER: FEDERAL 10-8-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 4301333059

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: 1837 FSL 1994 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSE, 8, T9S, R16E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARITLY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[x] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
04/04/2007	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[x] OTHER: - Weekly Status Report
	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

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

The above subject well was completed on 03/20/07, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk

SIGNATURE [signature] DATE 04/04/2007

(This space for State use only)

RECEIVED
APR 10 2007
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 10-8-9-16

1/1/2007 To 5/30/2007

3/8/2007 Day: 1 **Completion**

Rigless on 3/7/2007 - Instal 5K frac head. NU 6" 5K 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 @ 6091' & cement top @ 48'. Perforate stage #1, CP1 sds @ 5689-5705' w/ 3-1/8" Slick Guns (23 gram, .49"HE. 120°) w/ 4 spf for total of 64 shots. 145 bbls EWTR. SIFN.

3/9/2007 Day: 2 **Completion**

Rigless on 3/8/2007 - RU BJ Services. 9 psi on well. Frac CP1 sds w/ 70,351#'s of 20/40 sand in 534 bbls of Lightning 17 fluid. Broke @ 3090 psi. Treated w/ ave pressure of 1715 psi @ ave rate of 25.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 1865 psi. Leave pressure on well. 679 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 15' perf gun. Set plug @ 5350'. Perforate A1 sds @ 5227- 5242' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 60 shots. RU BJ Services. 1378 psi on well. Pressured up to 4200 psi, Would not breakdown. RU Lone Wolf WL & dump bail acid. RU BJ Service. Frac A1 sds w/ 70,779#'s of 20/40 sand in 576 bbls of Lightning 17 fluid. Broke @ 4076 psi. Treated w/ ave pressure of 1820 psi @ ave rate of 25.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2700 psi. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug, 7', 4' & 6' perf gun. Set plug @ 5140'. Perforate B1 sds @ 5032- 5039', C sds @ 4987- 4991' & 4948- 4954' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 78 shots. Leave pressure on well. 1255 BWTR.

3/16/2007 Day: 3 **Completion**

Rigless on 3/15/2007 - RU BJ Service. 720 psi on well. Frac C & B1 sds w/ 60,246#'s of 20/40 sand in 479 bbls of Lightning 17 fluid. Broke @ 3088 psi. Treated w/ ave pressure of 1637 psi @ ave rate of 25.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 1750 psi. Leave pressure on well. 1734 BWTR.RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 5' perf gun. Set plug @ 4890'. Perforate D1 sds @ 4787- 4792' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 20 shots. RU BJ Services. 1337 psi on well. Pressured up to 4200 psi, Would not breakdown. RU Lone Wolf WL & dump bail acid. RU BJ Service. 1150 psi on well. Frac D1 sds w/ 14,960#'s of 20/40 sand in 232 bbls of Lightning 17 fluid. Broke @ 3598 psi. Treated w/ ave pressure of 1909 psi @ ave rate of 25.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 1740 psi. Leave pressure on well. 1966 BWTR.RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug, 8' & 6' perf gun. Set plug @ 4420'. Perforate GB6 sds @ 4310- 4318', 4295-4301' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 56 shots. RU BJ Services. 1293 psi on well. Frac GB6 sds w/ 40,023#'s of 20/40 sand in 358 bbls of Lightning 17 fluid. Broke @ 2473 psi. Treated w/ ave pressure of 1617 psi @ ave rate of 14.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISIP 2025 psi. Leave pressure on well. 2324 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 7' perf gun. Set plug @ 4260'. Perforate GB4 sds @ 4220- 4227' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 28 shots. RU BJ Services. 1568 psi on well. Frac GB4 sds w/ 23,024#'s of

20/40 sand in 251 bbls of Lightning 17 fluid. Broke @ 3700 psi. Treated w/ ave pressure of 2030 psi @ ave rate of 25.2 BPM. ISIP 2030 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 4 hrs & died. Rec. 245 BTF. SIWFN w/ 2330 BWTR.

3/19/2007 Day: 4 **Completion**

Western #3 on 3/16/2007 - MIRU Western #4. 410 psi on well. Flowback 20 bbls of wtr to pit, Well died. ND Cameron BOP & 5M WH. NU 3M WH & Schaffer BOP. Talley, PU & RIH w/ 4 3/4" chomp bit, Bit sub & 2 7/8" J-55 tbg. Tagged sand @ 4250'. RU Nabors power swivel. Clean out sand & drill up plugs as follows: Sand @ 4250', Plug @ 4260 drilled up in 30 mins. Sand @ 4330', Plug @ 4420' drilled up in 30 mins. Sand @ 4799', Plug @ 4890' drilled up in 30 mins. Sand @ 5034', Plug @ 5140' drilled up in 30 mins. Circulate well clean. EOT @ 5153'. Recovered a total of 45 bbls of fluid toady. SIWFN w/ 2285 BWTR.

3/20/2007 Day: 5 **Completion**

Western #3 on 3/19/2007 - TIH w/ tbg. Tagged sand @ 5260'. Clean out to plug. Drill out plug @ 5350' (35 mins). TIH w/ tbg. Tagged sand @ 5889'. Clean out to PBTD @ 6132'. Circulate clean. RD power swivel. LD 2 jts of tbg. RU swab equipment. IFL @ sfc. Made 13 swab runs. Recovered 130 BTF. No sand, Trace of oil. RD swab equip. TIH w/ tbg. Tagged fill @ 6117'. C/O 15' of fill to PBTD @ 6132', Lost a total of 65 BW. LD extra tbg. TOH w/ tbg. EOT @ 4217'. SIWFN w/ 2220 BWTR.

3/21/2007 Day: 6 **Completion**

Western #3 on 3/20/2007 - TOH w/ tbg. LD bit & bit sub. TIH w/ production tbg as follows: NC, 2-jts, SN, 2-jt, TA & 181-jts of 2 7/8 J-55 tbg. ND BOP. Set TA w/ 16,000#'s tension @ 5650.67', SN @ 5728.64', EOT @ 5790.58'. NU WH. PU & RIH w/ pump & A grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 14' RHAC pump, 6-1 1/2" weight rods, 10-3/4" scrapered rods, 113-3/4" plain rods, 100-3/4" scrapered rods, 1-8', 1-4' X 3/4" pony rods and 1 1/2" X 22' polished rod. Seat pump & RU pumping unit. Fill tbg w/ 3 bbls. Pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. POP @ 4:00 PM w/ 86" SL @ 5 SPM. 2223 BWTR.

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 Oil Well

8. WELL NAME and NUMBER: FEDERAL 10-8-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013330590000

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: 1837 FSL 1994 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 08 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		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 9/19/2013	✓ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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 09/17/2013. On 09/18/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/19/2013 the casing was pressured up to 1150 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was not a State representative available to witness the test.

Accepted by the Utah Division of Oil, Gas and Mining

Date: October 24, 2013

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 9/20/2013

RECEIVED: Sep. 20, 2013

Mechanical Integrity Test
Casing or Annulus Pressure Test

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

Witness: _____ **Date** 9/19/15 **Time** 9:30 (am) pm

Test Conducted by: Ricky Bush

Others Present: _____

Well: ~~Federal 10-8-9-16~~	**Field:** Monument Butte
Well Location: Federal 10-8-9-16	**API No:** 4301330590

Time	Casing Pressure	
0 min	1150	psig
5	1150	psig
10	1150	psig
15	1150	psig
20	1150	psig
25	1150	psig
30 min	1150	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

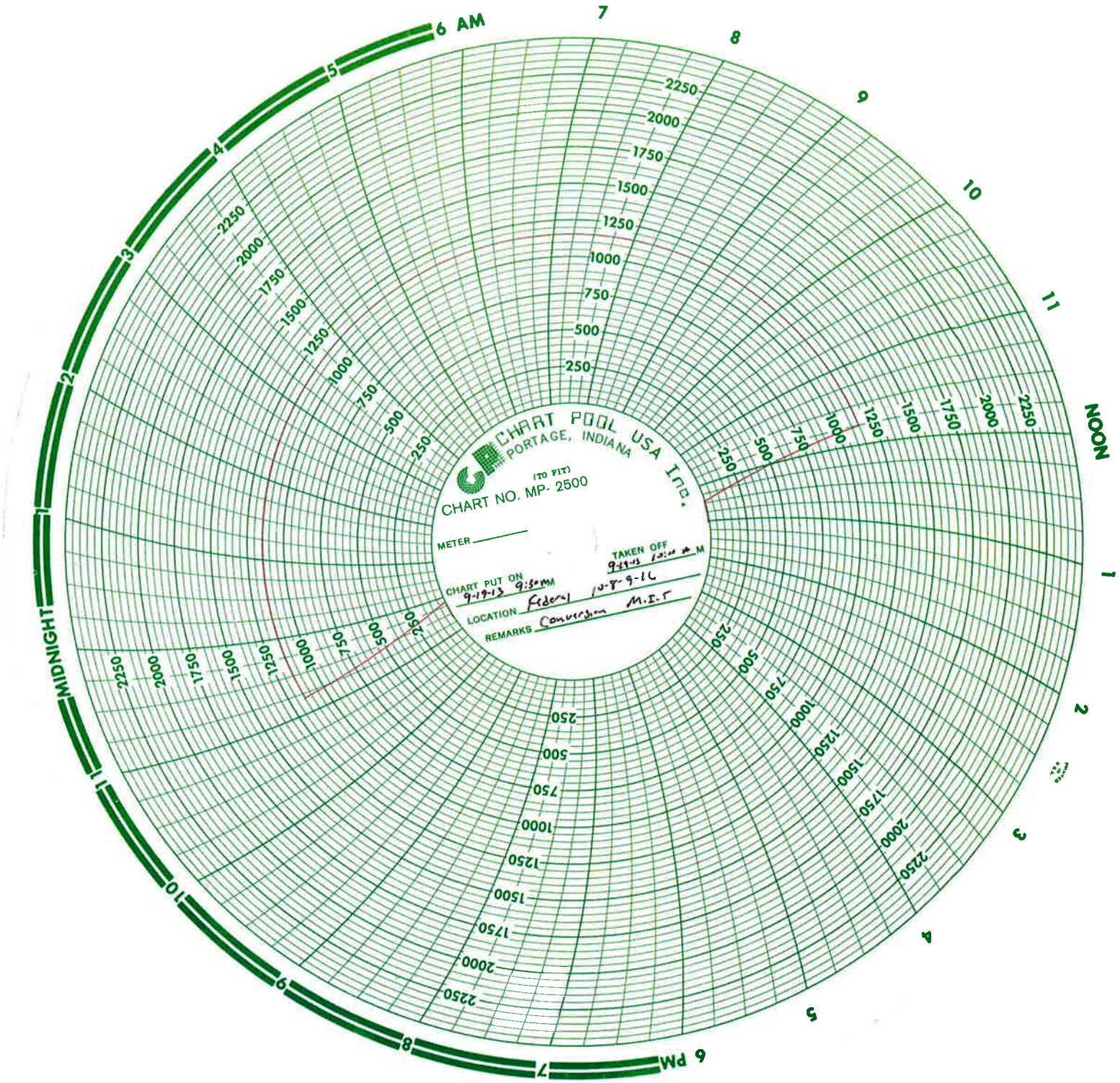
Tubing pressure: 200 psig

Result: (Pass) Fail

Signature of Witness: _____

Signature of Person Conducting Test: Ricky Bush

Sundry Number: 42752 API Well Number: 43013330590000



Daily Activity Report

Format For Sundry

FEDERAL 10-8-9-16

7/1/2013 To 11/30/2013

9/16/2013 Day: 1 **Conversion**

WC#2 on 9/16/2013 - 1:00PM LD POLISH ROD, 1-3/4"X2' PONY, 1-3/4"X4' PONY 1-3/4"X8' PONY, 99-3/4" 4-PER GUIDED RODS, 93-3/4" SLICK SUCKER RODS, 30-3/4" 4-PER GUIDED RODS, - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JS SAFETY MEETING 7:15AM TO 8:00AM FLUSHED RODS W/ 40 BBLS @250 DEG 8:00AM TO 1:00PM LD POLISH ROD, 1-3/4"X2' PONY, 1-3/4"X4' PONY 1-3/4"X8' PONY, 99-3/4" 4-PER GUIDED RODS, 93-3/4" SLICK SUCKER RODS, 30-3/4" 4-PER GUIDED RODS, 6-1 1/2" C(API) WT BARS, 1-2 1/2"X1 1/2"X16' PUMP 1:00PM TO 2:00PM ND WH, RELEASED TAC, NU BOPS, RD RIG FLOOR 2:00PM TO 4:00PM TOOH 22 JTS TBG BREAKING EVERY CONNECTION RE-DOPING W/ LIQUID O-RING GREEN DOPE 4:00PM TO 5:30PM CREW TRAVEL - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JS SAFETY MEETING 7:15AM TO 8:00AM FLUSHED RODS W/ 40 BBLS @250 DEG 8:00AM TO 1:00PM LD POLISH ROD, 1-3/4"X2' PONY, 1-3/4"X4' PONY 1-3/4"X8' PONY, 99-3/4" 4-PER GUIDED RODS, 93-3/4" SLICK SUCKER RODS, 30-3/4" 4-PER GUIDED RODS, 6-1 1/2" C(API) WT BARS, 1-2 1/2"X1 1/2"X16' PUMP 1:00PM TO 2:00PM ND WH, RELEASED TAC, NU BOPS, RD RIG FLOOR 2:00PM TO 4:00PM TOOH 22 JTS TBG BREAKING EVERY CONNECTION RE-DOPING W/ LIQUID O-RING GREEN DOPE 4:00PM TO 5:30PM CREW TRAVEL - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JS SAFETY MEETING 7:15AM TO 8:00AM FLUSHED RODS W/ 40 BBLS @250 DEG 8:00AM TO 1:00PM LD POLISH ROD, 1-3/4"X2' PONY, 1-3/4"X4' PONY 1-3/4"X8' PONY, 99-3/4" 4-PER GUIDED RODS, 93-3/4" SLICK SUCKER RODS, 30-3/4" 4-PER GUIDED RODS, 6-1 1/2" C(API) WT BARS, 1-2 1/2"X1 1/2"X16' PUMP 1:00PM TO 2:00PM ND WH, RELEASED TAC, NU BOPS, RD RIG FLOOR 2:00PM TO 4:00PM TOOH 22 JTS TBG BREAKING EVERY CONNECTION RE-DOPING W/ LIQUID O-RING GREEN DOPE 4:00PM TO 5:30PM CREW TRAVEL **Finalized**

Daily Cost: $0
Cumulative Cost: $17,776

9/17/2013 Day: 2 **Conversion**

WC#2 on 9/17/2013 - TOOH 111 JTS OF TBG BREAKING AND RE-DOPING EVERY CONNECTION, 52 JTS OF TBG, 1-TAC, 1-SEAT NIPPLE, 1-NOTCHED COLLAR - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JS SAFETY MEETING 7:15AM TO 12:00PM TOOH 111 JTS OF TBG BREAKING AND RE-DOPING EVERY CONNECTION 12:00PM TO 1:00PM LD 52 JTS OF TBG, 1-TAC, 1-SEAT NIPPLE, 1-NOTCHED COLLAR 1:00PM TO 3:00PM TIH 133 JTS OF TBG, 1-SEAT NIPPLE, 1-ON/OFF TOOL, 1-5 1/2" WEATHERFORD PKR, 1-2 7/8"-2 3/8" SWEDGE, 1-2 3/8" PUP SUB, 1-2 3/8" XN NIPPLE W/ RE-ENTRY GUIDE 3:00PM TO 6:00PM PUMPED 10 BBLS OF FLUID DROPPED SV, CHASED W/ 30 BBLS OF FLUID, RU SL RIH W/ SL CHASED SV TO SN PT TBG TO 3K PSI HELD 100% FOR 30 MIN GOOD TEST RIH W/ SL RETRIEVED SV POOH 6:00PM TO 7:00PM RU FLOOR ND BOPS NU INJECTION TREE SET PKR J'D OFF TO CIRCULATE PKR FLUID SIWFN 7:00PM TO 8:30PM CREW TRAVEL - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JS SAFETY MEETING 7:15AM TO 12:00PM TOOH 111 JTS OF TBG BREAKING AND RE-DOPING EVERY CONNECTION 12:00PM TO 1:00PM LD 52 JTS OF TBG, 1-TAC, 1-SEAT NIPPLE, 1-NOTCHED COLLAR 1:00PM TO 3:00PM TIH 133 JTS OF TBG, 1-SEAT NIPPLE, 1-ON/OFF TOOL, 1-5 1/2" WEATHERFORD PKR, 1-2 7/8"-2 3/8" SWEDGE, 1-2 3/8" PUP SUB, 1-2 3/8" XN NIPPLE W/ RE-ENTRY GUIDE 3:00PM TO 6:00PM PUMPED 10 BBLS OF FLUID DROPPED SV, CHASED W/ 30 BBLS OF FLUID, RU SL RIH W/ SL CHASED SV TO SN PT TBG TO 3K PSI HELD 100% FOR 30 MIN GOOD TEST RIH W/ SL RETRIEVED SV POOH 6:00PM TO 7:00PM RU FLOOR ND BOPS NU INJECTION TREE SET PKR J'D OFF TO CIRCULATE PKR FLUID SIWFN 7:00PM TO 8:30PM CREW TRAVEL - 5:30AM TO

7:00AM CREW TRAVEL 7:00AM TO 7:15AM JS SAFETY MEETING 7:15AM TO 12:00PM TOOH 111 JTS OF TBG BREAKING AND RE-DOPING EVERY CONNECTION 12:00PM TO 1:00PM LD 52 JTS OF TBG, 1-TAC, 1-SEAT NIPPLE, 1-NOTCHED COLLAR 1:00PM TO 3:00PM TIH 133 JTS OF TBG, 1-SEAT NIPPLE, 1-ON/OFF TOOL, 1-5 1/2" WEATHERFORD PKR, 1-2 7/8"-2 3/8" SWEDGE, 1-2 3/8" PUP SUB, 1-2 3/8" XN NIPPLE W/ RE-ENTRY GUIDE 3:00PM TO 6:00PM PUMPED 10 BBLS OF FLUID DROPPED SV, CHASED W/ 30 BBLS OF FLUID, RU SL RIH W/ SL CHASED SV TO SN PT TBG TO 3K PSI HELD 100% FOR 30 MIN GOOD TEST RIH W/ SL RETRIEVED SV POOH 6:00PM TO 7:00PM RU FLOOR ND BOPS NU INJECTION TREE SET PKR J'D OFF TO CIRCULATE PKR FLUID SIWFN 7:00PM TO 8:30PM CREW TRAVEL **Finalized**
Daily Cost: $0
Cumulative Cost: $27,066

9/18/2013 Day: 3 **Conversion**

WC#2 on 9/18/2013 - CIRCULATED 50 BBLS OF PKR FLUID SET PKR LOADED CSG W/ 10 BBLS LANDED WELL PT CSG TO 1400 PSI HELD 100% FOR 30 MIN GOOD TEST - CIRCULATED 50 BBLS OF PKR FLUID SET PKR LOADED CSG W/ 10 BBLS LANDED WELL PT CSG TO 1400 PSI HELD 100% FOR 30 MIN GOOD TEST 9:00AM TO 10:30AM RD RIG PRE-TRIP INSPECTION - CIRCULATED 50 BBLS OF PKR FLUID SET PKR LOADED CSG W/ 10 BBLS LANDED WELL PT CSG TO 1400 PSI HELD 100% FOR 30 MIN GOOD TEST 9:00AM TO 10:30AM RD RIG PRE-TRIP INSPECTION - CIRCULATED 50 BBLS OF PKR FLUID SET PKR LOADED CSG W/ 10 BBLS LANDED WELL PT CSG TO 1400 PSI HELD 100% FOR 30 MIN GOOD TEST 9:00AM TO 10:30AM RD RIG PRE-TRIP INSPECTION **Finalized**
Daily Cost: $0
Cumulative Cost: $29,994

9/19/2013 Day: 4 **Conversion**

Rigless on 9/19/2013 - Conduct initial MIT - On 09/18/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/19/2013 the casing was pressured up to 1150 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was not a State representative available to witness the test. - On 09/18/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/19/2013 the casing was pressured up to 1150 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was not a State representative available to witness the test. - On 09/18/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/19/2013 the casing was pressured up to 1150 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was not a State representative available to witness the test. **Finalized**
Daily Cost: $0
Cumulative Cost: $62,206

Pertinent Files: Go to File List

FEDERAL 10-8-9-16

Spud Date: 1/10/07

Put on Production: 03/20/07

GL: 5883' KB: 5895'

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (291.07')

DEPTH LANDED: 302.92' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 140 jts. (6164.87')

DEPTH LANDED: 6178.12' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

CEMENT TOP: 48'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 133 jts. (4146')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4158' KB

ON/OFF TOOL AT: 4159.1'

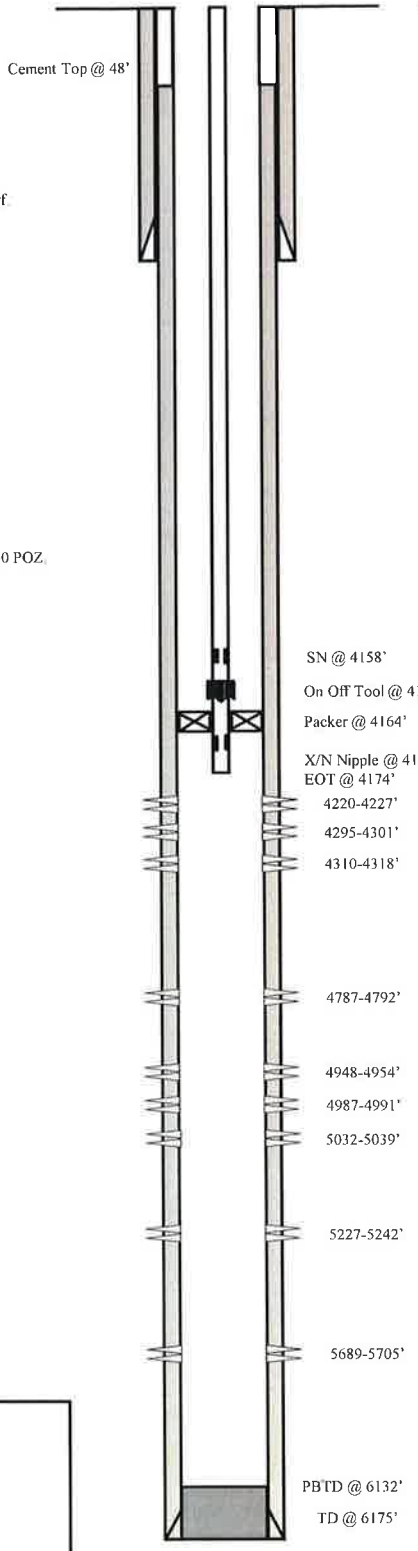
ARROW #1 PACKER CE AT: 4164.3'

XO 2-3/8 x 2-7/8 J-55 AT: 4167.9'

TBG PUP 2-3/8 J-55 AT: 4168.4'

X/N NIPPLE AT: 4172.5'

TOTAL STRING LENGTH: EOT @ 4174.34'



FRAC JOB

03/14/07	5689-5705'	**Frac CP1 sands as follows:** 70351# 20/40 sand in 534 bbls Lightning 17 frac fluid. Treated @ avg press of 1715 psi w/avg rate of 25.3 BPM. ISIP 1865 psi. Calc flush: 5687 gal. Actual flush: 5166 gal.
02/26/07	5227-5242'	**Frac A1 sands as follows:** 70779# 20/40 sand in 576 bbls Lightning 17 frac fluid. Treated @ avg press of 1820 psi w/avg rate of 25.3 BPM. ISIP 2700 psi. Calc flush: 5225 gal. Actual flush: 4746 gal.
03/15/07	4948-5039'	**Frac C & B1 sands as follows:** 60243# 20/40 sand in 479 bbls Lightning 17 frac fluid. Treated @ avg press of 1637 psi w/avg rate of 25.2 BPM. ISIP 1750 psi. Calc flush: 5037 gal. Actual flush: 4444 gal.
03/15/07	4787-4792'	**Frac D1 sands as follows:** 14960# 20/40 sand in 232 bbls Lightning 17 frac fluid. Treated @ avg press of 1909 psi w/avg rate of 25.3 BPM. ISIP 1740 psi. Calc flush: 4785 gal. Actual flush: 4240 gal
03/15/07	4295-4318'	**Frac GB6 sands as follows:** 40023# 20/40 sand in 358 bbls Lightning 17 frac fluid. Treated @ avg press of 1617 psi w/avg rate of 14.7 BPM. ISIP 2025 psi. Calc flush: 4316 gal. Actual flush: 3822 gal
03/01/07	4220-4227'	**Frac GB4 sands as follows:** 23024# 20/40 sand in 251 bbls Lightning 17 frac fluid. Treated @ avg press of 2030 psi w/avg rate of 25.2 BPM. ISIP 2030 psi. Calc flush: 4218 gal. Actual flush: 4116 gal
11-30-07		**Pump Change.** Updated rod & tubing details.
2/22/08		**Pump change**. Updated rod &tubing details.
3/23/09		**Pump change.** Updated r & t details.
10/8/09		**Parted rods.** Updated rod & tubing details.
1/23/2010		**Tubing Leak**. Update rod and tubing details.
09/17/13		**Convert to Injection Well**
09/19/13		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

03/07/07	5689-5705'	4 JSPF	64 holes
03/14/07	5227-5242'	4 JSPF	60 holes
03/14/07	5032-5039'	4 JSPF	28 holes
03/14/07	4987-4991'	4 JSPF	16 holes
03/14/07	4948-4954'	4 JSPF	24 holes
03/14/07	4787-4792'	4 JSPF	20 holes
03/15/07	4310-4318'	4 JSPF	32 holes
03/15/07	4295-4301'	4 JSPF	24 holes
03/15/07	4220-4227'	4 JSPF	28 holes

NEWFIELD

FEDERAL 10-8-9-16

1837'FSL & 1994' FEL

NW/SE Section 8-T9S-R16E

Duchesne Co, Utah

API #43-013-33059; Lease # UTU-64379

LCN 09/20/13

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 10-8-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013330590000

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: 1837 FSL 1994 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 08 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		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 12/18/2013	✓ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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 5:15 PM on 12/18/2013.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
January 09, 2014

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 12/19/2013

RECEIVED: Dec. 19, 2013

GARY R. HERBERT
Governor
SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-406

Operator: Newfield Production Company

Well: Federal 10-8-9-16

Location: Section 8, Township 9 South, Range 16 East

County: Duchesne

API No.: 43-013-33059

Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on May 13, 2013.
2. Maximum Allowable Injection Pressure: 1,709 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,070' – 6,132')
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: Clinton L Dworshak for John Rogers
Associate Director

11/4/13
Date

JR/MLR/js
cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Jill Loyle, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File
N:\O&G Reviewed Docs\ChronFile\UIC

UTAH DNR OIL, GAS & MINING

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

May 13, 2013

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

Subject: Greater Monument Butte Unit Well: Federal 10-8-9-16, Section 8, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33059

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.

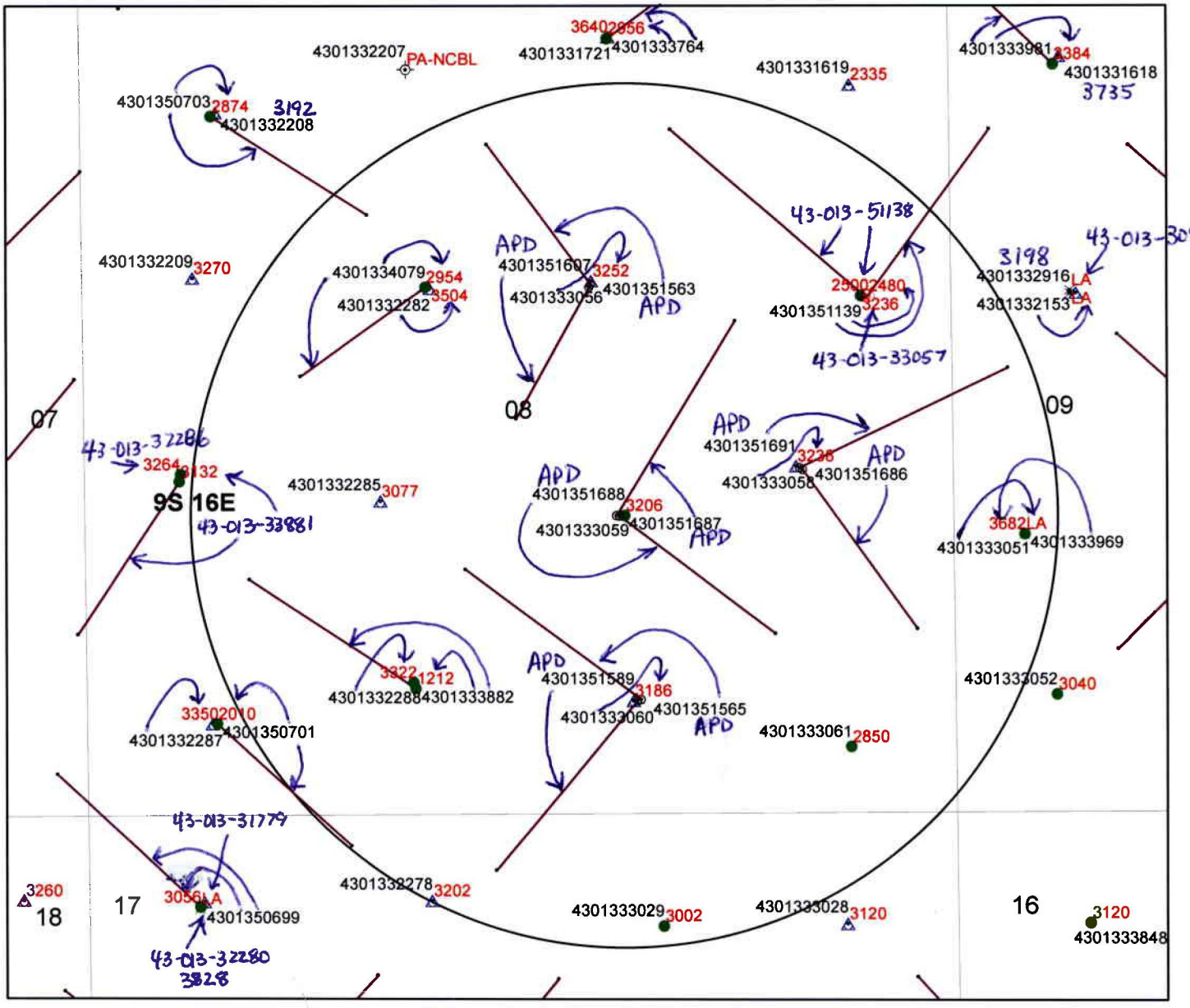
5. The top of the injection interval shall be limited to a depth no higher than 4,070 feet in the Federal 10-8-9-16 well.

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

Sincerely,

John Rogers
Associate Director

JR/MLR/js
cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton
Well File
N:\O&G Reviewed Docs\ChronFile\UIC



Legend

Oil & Gas Well Type

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

4585 Depth to top of suitable cement bond

- Well Bottom Hole Location
- Oil & Gas Wells Hole Directional Path
- Wells-CbltopsMaster 1-31-13
- DNR Oil Gas Wells Buffer
- County Boundaries
- PLSS Sections
- PLSS Townships

Cement Bond Tops
Federal 10-8-9-16
API #43-013-33059
UIC-406.4

N

0 0.05 0.1 0.2 0.3 0.4 Miles

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

Applicant: Newfield Production Company **Well:** Federal 10-8-9-16

Location: 8/9S/16E **API:** 43-013-33059

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

Well Integrity: The proposed well has surface casing set at 303 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,178 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,206 feet. A 2 7/8 inch tubing with a packer is proposed to be set at 4,170 feet. Higher perforations may 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 10 producing wells and 6 injection wells in the AOR. One of the producing wells is directionally drilled, with a surface location inside the AOR and a bottom hole location outside the AOR. In addition, there are 2 directional producing wells with surface locations outside the AOR and a bottom hole locations inside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2000 feet. Injection shall be limited to the interval between 4,070 feet and 6,132 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 10-8-9-16 well is 0.80 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,709 psig. The requested maximum pressure is 1,709 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.

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: 4/5/2013

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

The Salt Lake Tribune | MEDIAONE OF UTAH | Deseret News

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	2/28/2013

ACCOUNT NAME
DIV OF OIL-GAS & MINING,

TELEPHONE	ADORDER# / INVOICE NUMB
8015385340	0000861529 /

SCHEDULE
Start 02/28/2013 End 02/28/2013

CUST. REF. NO.
Cause - UIC-406

CAPTION
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL R

SIZE			
84	Lines	2.00	COLUMN

TIMES	RATE
4	

MISC. CHARGES	AD CHARGES

TOTAL COST
287.24

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-406

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23, AND 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 8, 9, 15, 17, 19, 21, 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:

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Ashley Federal 10-23 well located in NW/4 SE/4, Section 23, Township 9 South, Range 15 East
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API 43-013-33969
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API 43-013-30632
West Point 6-17-9-16 well located in SE/4 NW/4, Section 17, Township 9 South, Range 16 East
API 43-013-32283
Federal 11-19-9-16 well located in NE/4 SW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33160
Federal 11-21-9-16 well located in NE/4 SW/4, Section 21, Township 9 South, Range 16 East
API 43-013-33144
Federal 4-30-9-16 well located in NE/4 NW/4, Section 30, Township 9 South, Range 16 East
API 43-013-33470

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 26th day of February, 2013.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ Brad Hill
Permitting Manager
861529

UPAXLP

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-406 IN THE MATTER OF THE APPLICA** FOR **DIV OF OIL-GAS & MINING,** WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY.

PUBLISHED ON Start 02/28/2013 End 02/28/2013

SIGNATURE

2/28/2013

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

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

Send Payments to:
Uintah Basin Standard
268 S 200 E
Roosevelt, Utah 84066

Phone: 435-722-5131
Fax: 435-722-4140

Uintah Basin Standard
www.ubstandard.com

Vernal Express
www.vernal.com

Invoice Number	Invoice Date
42640	3/5/2013

Advertiser No.	Invoice Amount	Due Date
2080	$145.85	4/4/2013

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. 42640 — 3/5/2013

Date	Order	Description	Ad Size	SubTotal	Sales Tax	Amount
3/5/2013	21150 UBS	UBS Legal Notice: Not of Agenc;y Action: Cause No. UIC-406 Pub. March 5, 2013				$145.85
					Sub Total:	$145.85
			Total Transactions: 1		Total:	$145.85

SUMMARY **Advertiser No.** 2080 **Invoice No.** 42640

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!

2250/RSB GGUICADMIN/GF13/6131

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 5 day of March, 2013, and that the last publication of such notice was in the issue of such newspaper dated the 5 day of March, 2013, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

Kevin Ashby
Publisher

Subscribed and sworn to before me on this

5 day of March, 2013

by Kevin Ashby.

Bonnie Parrish
Notary Public

Notary Public
BONNIE PARRISH
Commission #652427
My Commission Expires
February 23, 2016
State of Utah

NOTICE OF AGENCY ACTION CAUSE NO. UIC-406

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

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23, AND 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 8, 9, 15, 17, 19, 21, AND 30, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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API 43-013-33969

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API 43-013-30632

West Point 6-17-9-16 well located in SE/4 NW/4, Section 17, Township 9 South, Range 16 East
API 43-013-32283

Federal 11-19-9-16 well located in NE/4 SW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33160

Federal 11-21-9-16 well located in NE/4 SW/4, Section 21, Township 9 South, Range 16 East
API 43-013-33144

Federal 4-30-9-16 well located in NE/4 NW/4, Section 30 Township 9 South Range 16 East
API 43-013-33470

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

Bonnie Parrish

Notary Public

Notary Public
BONNIE PARRISH
Commission #653427
My Commission Expires
February 23, 2016
State of Utah

injection wells.

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API 43-013-32905

Ashley Federal 1-27-9-15 well lo-

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Dated this 26th day of February, 2013.

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

Published in the Uintah Basin Standard March 5, 2013.

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-406

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Dated this 26th day of February, 2013.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

Brad Hill
Permitting Manager

Newfield Production Company

ASHLEY FEDERAL 10-23, ASHLEY FEDERAL 12-26-9-15, ASHLEY FEDERAL 1-27-9-15, FEDERAL 10-8-9-16, FEDERAL 12-9-9-16, CASTLE PEAK FEDERAL 33-15, WEST POINT 6-17-9-16, FEDERAL 11-19-9-16, FEDERAL 11-21-9-16, FEDERAL 4-30-9-16

Cause No. UIC-406

Publication Notices were sent to the following:

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

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

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

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

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

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

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

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

Jan Sweet

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

February 26, 2013

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-406

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

[redacted]

Jean Sweet <jsweet@utah.gov>

Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-406

1 message

Cindy Kleinfelter <classifieds@ubstandard.com> Tue, Feb 26, 2013 at 3:16 PM
To: Jean Sweet <jsweet@utah.gov>

On 2/26/2013 1:12 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 Division of Oil, Gas and Mining
> 801-538-5329

It will be published March 5, 2013.
Thank you
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

February 26, 2013

VIA E-MAIL naclegal@mediaoneutah.com

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

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-406

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

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

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

[redacted]

Jean Sweet <jsweet@utah.gov>

UIC - 406 - Legal Notice

1 message

Fultz, Mark <naclegal@mediaoneutah.com> Tue, Feb 26, 2013 at 3:31 PM
Reply-To: "Fultz, Mark" <naclegal@mediaoneutah.com>
To: jsweet@utah.gov

AD# 861529
Run Trib/DNews - 2/28
Cost $287.24
Thank you
Mark

OrderConf.pdf
128K

The Salt Lake Tribune MEDIAOne of Utah Deseret News

Remit to: P.O. Box 704005
West Valley City, UT 84170

Order Confirmation for Ad #0000861529-01

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

Total Amount	**$287.24**
Payment Amt	**$0.00**
Amount Due	**$287.24**

Tear Sheets	Proofs	Affidavits
0	0	1

Payment Method

PO Number Cause - UIC-406

Confirmation Notes:

Text: Jean

Ad Type	Ad Size	Color
Legal Liner	2.0 X 84 Li	<NONE>

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	2/28/2013	
Product	**Placement**	**Position**
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	2/28/2013	
Product	**Placement**	**Position**
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	2/28/2013	
Product	**Placement**	**Position**
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	2/28/2013	

Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-406

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Dated this 26th day of February, 2013.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ Brad Hill
Permitting Manager
861529 **UPAXLP**

NEWFIELD

Newfield Exploration Company
1001 17th Street | Suite 2000
Denver, Colorado 80202
PH 303-893-0102 | FAX 303-893-0103

February 8, 2013

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

RE: Permit Application for Water Injection Well
Federal #10-8-9-16
Monument Butte Field, Lease #UTU-64379
Section 8-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #10-8-9-16 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,

Eric Sundberg
Environmental Manager

NEWFIELD PRODUCTION COMPANY

APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

FEDERAL #10-8-9-16

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

LEASE #UTU-64379

FEBRUARY 8, 2013

TABLE OF CONTENTS

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED
MAR 07 2013
DIV. OF OIL, GAS & MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

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

Well Name and number: Federal #10-8-9-16
Field or Unit name: Monument Butte (Green River) Lease No. UTU-64379
Well Location: QQ NWSE section 8 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? . . . . . Yes [X] No [ ]
Will the proposed well be used for: Enhanced Recovery? . . . . . Yes [X] No [ ]
Disposal? . . . . . Yes [ ] No [X]
Storage? . . . . . Yes [ ] No [X]
Is this application for a new well to be drilled? . . . . . Yes [ ] No [X]
If this application is for an existing well,
has a casing test been performed on the well? . . . . . Yes [ ] No [X]
Date of test:
API number: 43-013-33059

Proposed injection interval: from 4070 to 6132
Proposed maximum injection: rate 500 bpd pressure 1709 psig
Proposed injection zone contains [x] oil, [ ] gas, and/or [ ] fresh water within 1/2 mile of the well.

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

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

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

Name: Eric Sundberg Signature
Title Environmental Manager Date 2/8/2013
Phone No. (303) 893-0102

(State use only)
Application approved by Title
Approval Date

Comments:

FEDERAL 10-8-9-16

Spud Date: 1/10/07
Put on Production: 03/20/07
GL: 5883' KB: 5895'

Proposed Injection
Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (291.07')
DEPTH LANDED: 302.92' 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#
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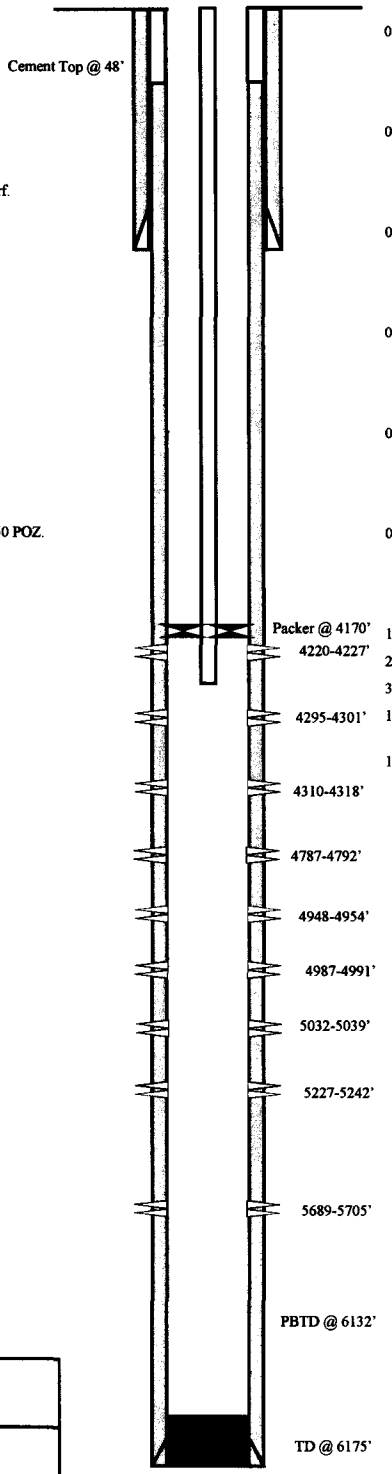
DEPTH LANDED: 6178.12' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 48'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 181 jts (5652')
TUBING ANCHOR: 5664'
NO. OF JOINTS: 2 jts (63.2')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5730'
NO. OF JOINTS: 2 jts (60.4')
TOTAL STRING LENGTH: EOT @ 5792'



FRAC JOB

03/14/07	5689-5705'	**Frac CP1 sands as follows:** 70351# 20/40 sand in 534 bbls Lightning 17 frac fluid. Treated @ avg press of 1715 psi w/avg rate of 25.3 BPM. ISIP 1865 psi. Calc flush: 5687 gal. Actual flush: 5166 gal.
02/26/07	5227-5242'	**Frac A1 sands as follows:** 70779# 20/40 sand in 576 bbls Lightning 17 frac fluid. Treated @ avg press of 1820 psi w/avg rate of 25.3 BPM. ISIP 2700 psi. Calc flush: 5225 gal. Actual flush: 4746 gal.
03/15/07	5039-4948'	**Frac C & B1 sands as follows:** 60243# 20/40 sand in 479 bbls Lightning 17 frac fluid. Treated @ avg press of 1637 psi w/avg rate of 25.2 BPM. ISIP 1750 psi. Calc flush: 5037 gal. Actual flush: 4444 gal.
03/15/07	4787-4792'	**Frac D1 sands as follows:** 14960# 20/40 sand in 232 bbls Lightning 17 frac fluid. Treated @ avg press of 1909 psi w/avg rate of 25.3 BPM. ISIP 1740 psi. Calc flush: 4785 gal. Actual flush: 4240 gal
03/15/07	4318-4295'	**Frac GB6 sands as follows:** 40023# 20/40 sand in 358 bbls Lightning 17 frac fluid. Treated @ avg press of 1617 psi w/avg rate of 14.7 BPM. ISIP 2025 psi. Calc flush: 4316 gal. Actual flush: 3822 gal
03/01/07	4220-4227'	**Frac GB4 sands as follows:** 23024# 20/40 sand in 251 bbls Lightning 17 frac fluid. Treated @ avg press of 2030 psi w/avg rate of 25.2 BPM. ISIP 2030 psi. Calc flush: 4218 gal. Actual flush: 4116 gal
11-30-07		Pump Change. Updated rod & tubing details.
2/22/08		Pump change. Updated rod &tubing details.
3/23/09		Pump change. Updated r & t details.
10/8/09		Parted rods. Updated rod & tubing details.
1/23/2010		Tubing Leak. Update rod and tubing details.

PERFORATION RECORD

03/07/07	5689-5705'	4 JSPF	64 holes
03/14/07	5227-5242'	4 JSPF	60 holes
03/14/07	5032-5039'	4 JSPF	28 holes
03/14/07	4987-4991'	4 JSPF	16 holes
03/14/07	4948-4954'	4 JSPF	24 holes
03/14/07	4787-4792'	4 JSPF	20 holes
03/15/07	4310-4318'	4 JSPF	32 holes
03/15/07	4295-4301'	4 JSPF	24 holes
03/15/07	4220-4227'	4 JSPF	28 holes

NEWFIELD

FEDERAL 10-8-9-16

1837'FSL & 1994' FEL

NW/SE Section 8-T9S-R16E

Duchesne Co, Utah

API #43-013-33059; Lease # UTU-64379

JL 12/18/2012

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 #10-8-9-16 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 #10-8-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (4070' - 6132'). 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 3745' and the TD is at 6175'.

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

   The referenced log for the Federal #10-8-9-16 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 303' KB, and 5-1/2", 15.5# casing run from surface to 6178' 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 1709 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 #10-8-9-16, for existing perforations (4220' - 5705') calculates at 0.80 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 1709 psig. We may add additional perforations between 3745' and 6175'. 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 #10-8-9-16, the proposed injection zone (4070' - 6132') 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-17.

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.

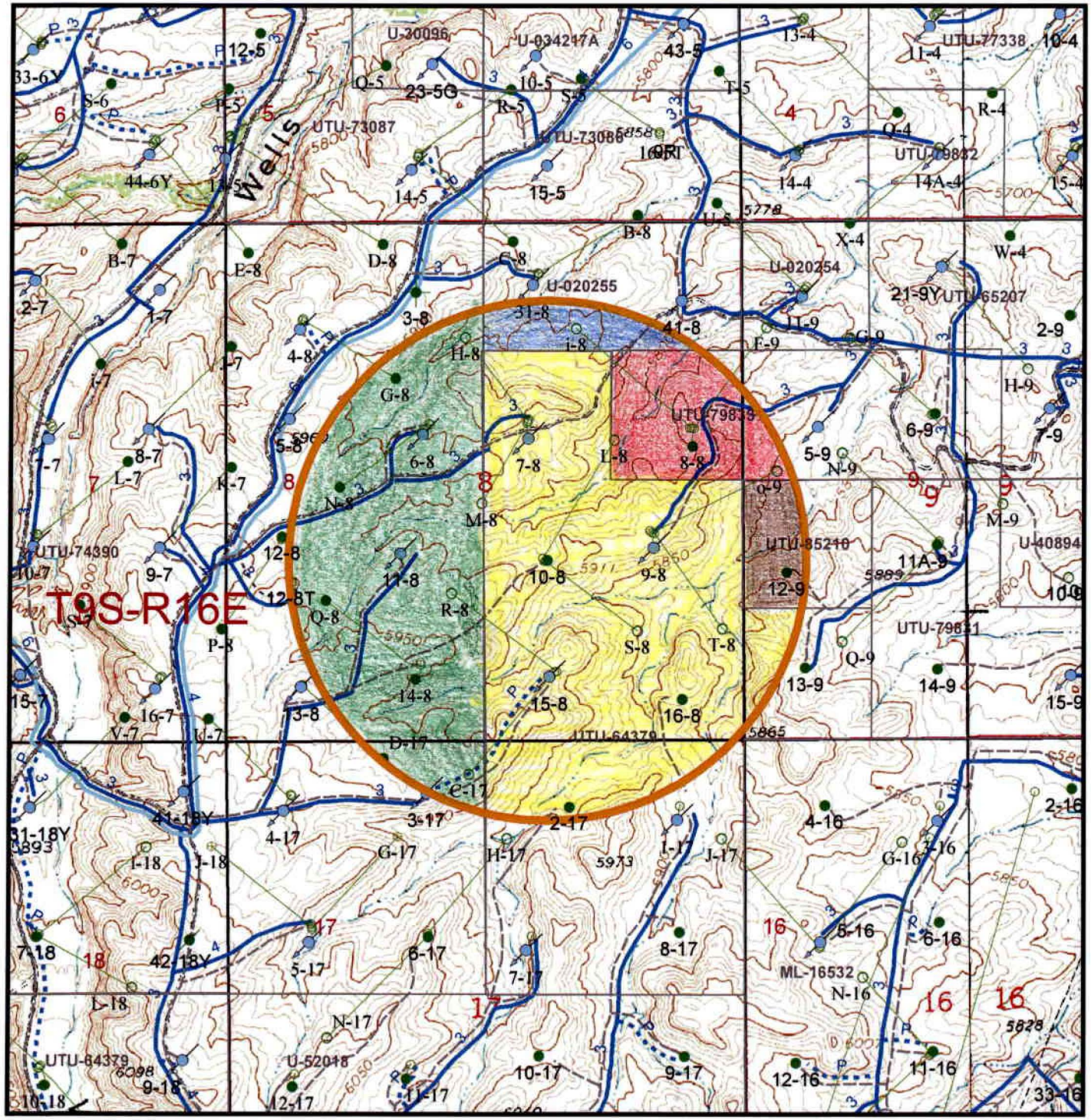
2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

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.

ATTACHMENT A



WellStatus_HalfMile_Buffer

Well Status

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

Injection system

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

UTU-64379
UTU-74390
UTU-79833
UTU-85210
UTU-020255

Federal 10-8
Section 8, T9S-R16E

NEWFIELD
ROCKY MOUNTAINS

1 in = 1,500 feet

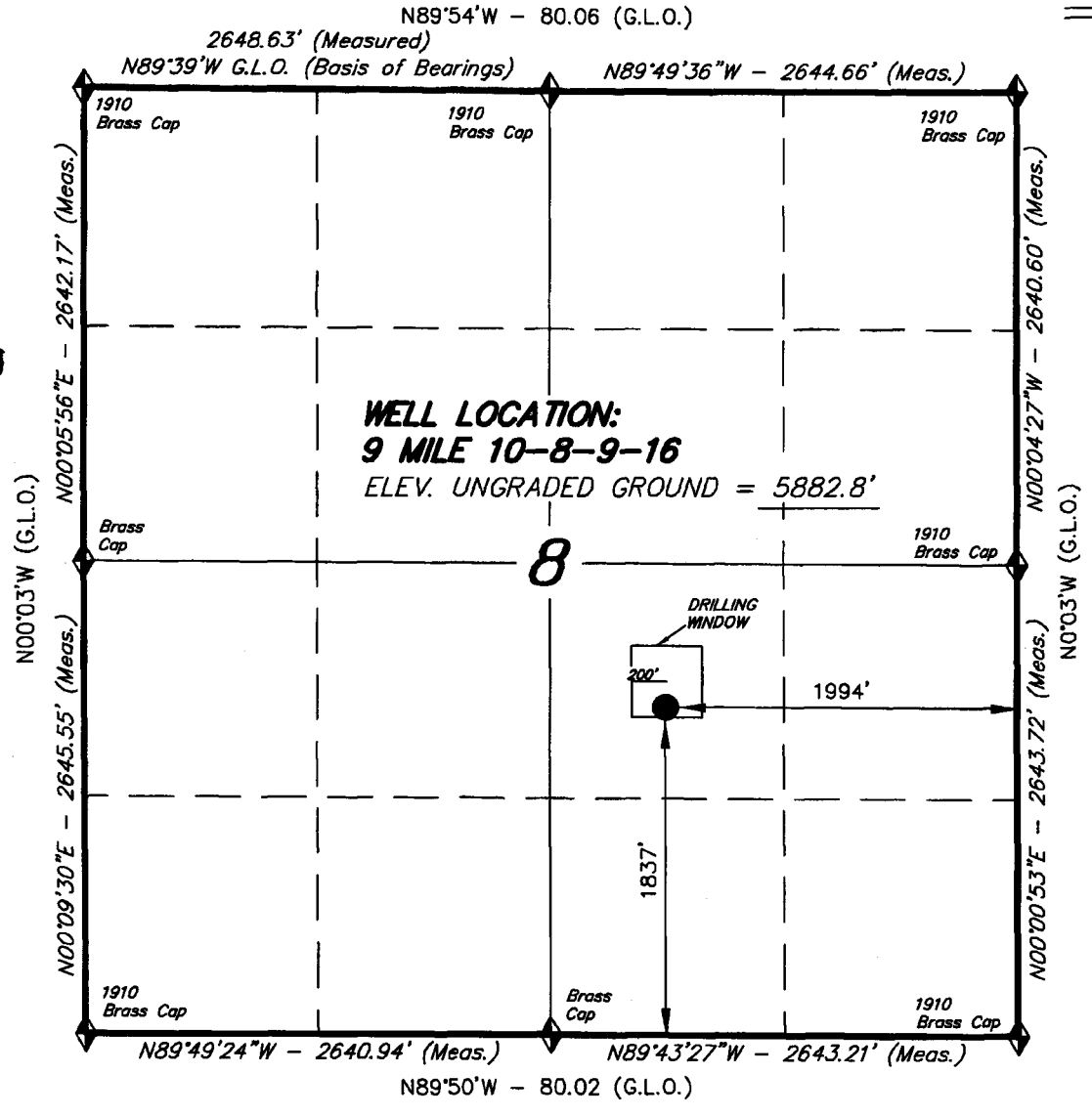
1/2 Mile Radius Map
Duchesne & Uintah Counties

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

December 18, 2012

ATTACHMENT A-1

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



◆ = SECTION CORNERS LOCATED

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

9 MILE 10-8-9-16
(Surface Location) NAD 83
LATITUDE = 40° 02' 35.60"
LONGITUDE = 110° 08' 27.14"

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 10-8-9-16, LOCATED AS SHOWN IN THE NW 1/4 SE 1/4 OF SECTION 8, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

1000' 500' 0' 1000'
BAR SCALE

N

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

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

STATE OF UTAH

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

DATE SURVEYED: 12-07-05	SURVEYED BY: K.S.
DATE DRAWN: 1-02-05	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 Petroleum Corp MYCO Industries Inc OXY Y-1 Corp Yates Petroleum Corp	USA
3	T9S-R16E SLM Section 8: SENE Section 9: S2NW	USA UTU-79833 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Corp Yates Petroleum Corp	USA
4	T9S-R16E SLM Section 9: NWSW	USA UTU-85210 HBP	Newfield Production Company	USA
5	T9S-R16E SLM Section 8: N2NE	USA UTU- 020255 HBP	Newfield Production Company Newfield RMI LLC	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #10-8-9-16

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
Environmental Manager

Sworn to and subscribed before me this 8th day of February, 2013.

Notary Public in and for the State of Colorado: _____

My Commission Expires: 12/31/15

LYDIA BIONDO
Notary Public
State of Colorado

Attachment E

FEDERAL 10-8-9-16

Spud Date: 1/10/07
Put on Production: 03/20/07
GL: 5883' KB: 5895'

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (291.07')
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HOLE SIZE:12-1/4"
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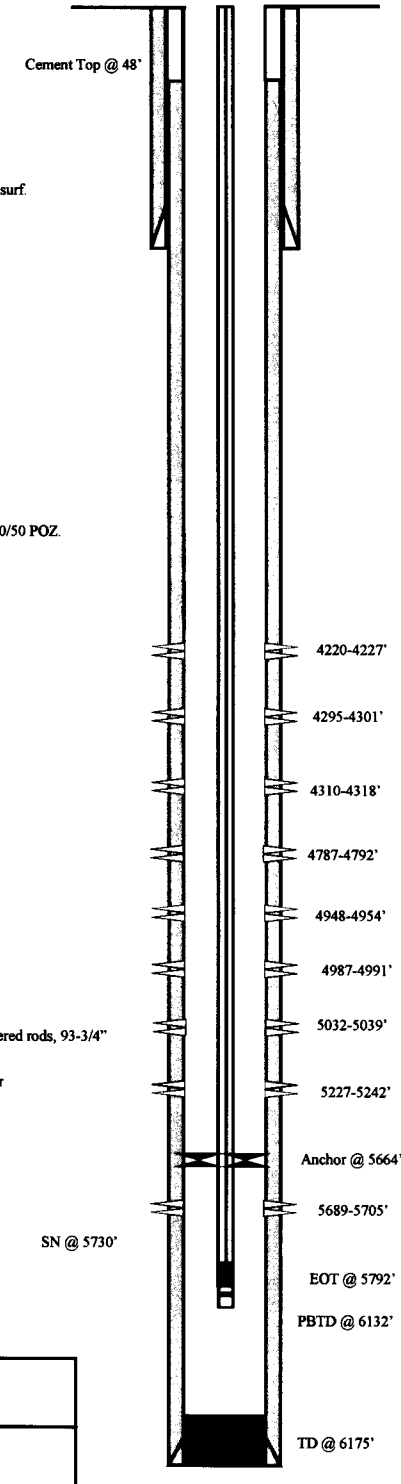
SN LANDED AT: 5730'
NO. OF JOINTS: 2 jts (60.4')
TOTAL STRING LENGTH: EOT @ 5792'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS:1-2', 1-4', 1-8' x 3/4" ponies, 99-3/4" scrapered rods, 93-3/4" plain rods, 30-3/4" scrapered rods 6-1 ½" weight rods.
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16' RHAC w/ sm Plunger
STROKE LENGTH: 86"
PUMP SPEED, 5 SPM



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NEWFIELD

FEDERAL 10-8-9-16

1837'FSL & 1994' FEL

NW/SE Section 8-T9S-R16E

Duchesne Co, Utah

API #43-013-33059; Lease # UTU-64379

CB 3/11/2011

Attachment E-1

Federal 7-8-9-16

Spud Date: 1-16-07

Put on Production: 3-28-07

GL: 5889' KB: 5901'

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (311.5')

DEPTH LANDED: 323.35' 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: 141 jts. (6204.07')

DEPTH LANDED: 6217.32' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

CEMENT TOP AT: 85'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 134 jts (4218.8')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4230.8' KB

ON/OFF TOOL AT: 4231.9'

SEAL NIPPLE AT: 4233.3

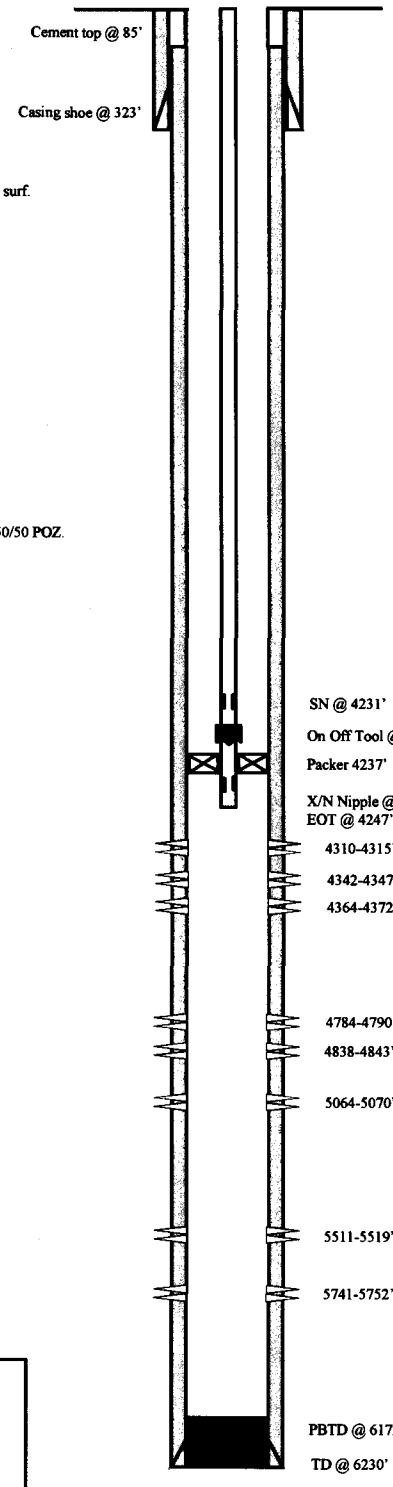
ARROW #1 PACKER CE AT: 4236.93'

XO 2-3/8 x 2-7/8 J-55 AT: 4240.6'

TBG PUP 2-3/8 J-55 AT: 4241.1'

X/N NIPPLE AT: 4245.1'

TOTAL STRING LENGTH: EOT @ 4247'



FRAC JOB

04-19-07	5741-5752'	**Frac CP1 sands as follows:** 14783# 20/40 sand in 265 bbls Lightning 17 frac fluid. Treated @ avg press of 1736 psi w/avg rate of 25.2 BPM. ISIP 1660 psi. Calc flush: 5739 gal. Actual flush: 5208 gal.
04-19-07	5860-5870'	**Frac LODC sands as follows:** 35135# 20/40 sand in 375 bbls Lightning 17 frac fluid. Treated @ avg press of 2009 psi w/avg rate of 25.2 BPM. ISIP 2220 psi. Calc flush: 5858 gal. Actual flush: 5006 gal.
04-19-07	5064-5070'	**Frac B1 sands as follows:** 19832# 20/40 sand in 300 bbls Lightning 17 frac fluid. Treated @ avg press of 1820 psi w/avg rate of 25.5 BPM. ISIP 1850 psi. Calc flush: 5062 gal. Actual flush: 4553 gal.
04-19-07	4784-4843'	**Frac DS3 sands as follows:** 29693# 20/40 sand in 360 bbls Lightning 17 frac fluid. Treated @ avg press of 2140 w/ avg rate of 25.4 BPM. ISIP 1980 psi. Calc flush: 4782 gal. Actual flush: 4242 gal.
04-19-07	4310-4372'	**Frac GB6, & GB4 sands as follows:** 71931# 20/40 sand in 538 bbls Lightning 17 frac fluid. Treated @ avg press of 2566 w/ avg rate of 25.6 BPM. ISIP 1840 psi. Calc flush: 4308 gal. Actual flush: 4246 gal.
09/27/12		**Convert to Injection Well**
09/28/12		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

04-16-07	5741-5752'	4 JSPF	44 holes
04-19-07	5511-5519'	4 JSPF	32 holes
04-19-07	5064-5070'	4 JSPF	24 holes
04-19-07	4838-4843'	4 JSPF	20 holes
04-19-07	4784-4790'	4 JSPF	24 holes
04-19-07	4364-4372'	4 JSPF	32 holes
04-19-07	4342-4347'	4 JSPF	20 holes
04-19-07	4310-4315'	4 JSPF	20 holes

NEWFIELD

Federal 7-8-9-16

2003' FNL & 2179' FEL

SW/NE Section 8-T9S-R16E

Duchesne Co, Utah

API # 43-013-33056; Lease # UTU-64379

LCN 10/01/12

ATTACHMENT E-2

Federal 8-8-9-16

Spud Date: 1-25-07
Put on Production: 5-1-07
GL: 5862' KB: 5874'

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (311.37')
DEPTH LANDED: 323.22' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

Cement top @ 94'

PRODUCTION CASING

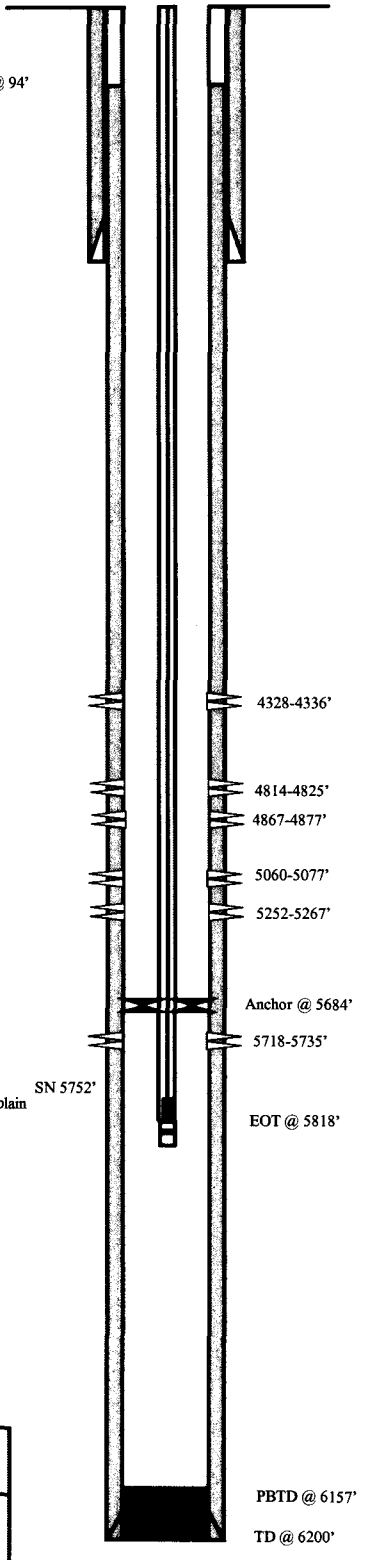
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 144 jts. (6189.94')
DEPTH LANDED: 6203.19' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 94'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 192 jts (6066.48')
TUBING ANCHOR: 5684.32' KB
NO. OF JOINTS: 1 jts (31.64')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5751.67' KB
NO. OF JOINTS: 2 jts (63.14')
TOTAL STRING LENGTH: EOT @ 5817.80' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-2' X ¾" pony rods, 99- ¾" guided rods, 129- ¾" plain rods, 10- ¾" guided rods, 6- 1 ½" weighted rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 14.5' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM



FRAC JOB

04-23-07 5718-5735' **Frac CP1 sands as follows:** 80674# 20/40 sand in 619 bbls Lightning 17 frac fluid. Treated @ avg press of 2351 psi w/avg rate of 24.8 BPM. ISIP 2148 psi. Calc flush: 5716 gal. Actual flush: 5208 gal.

04-24-07 5252-5267' **Frac a1 sands as follows:** 80738# 20/40 sand in 608 bbls Lightning 17 frac fluid. Treated @ avg press of 1873 psi w/avg rate of 23.9 BPM. ISIP 2166 psi. Calc flush: 5250 gal. Actual flush: 4788 gal.

04-24-07 5060-5077' **Frac B1 sands as follows:** 75928# 20/40 sand in 549 bbls Lightning 17 frac fluid. Treated @ avg press of 1782 psi w/avg rate of 24.5 BPM. ISIP 2088 psi. Calc flush: 5058 gal. Actual flush: 4578 gal.

04-24-07 4814-4877' **Frac D2, & D1 sands as follows:** 151956# 20/40 sand in 1015 bbls Lightning 17 frac fluid. Treated @ avg press of 1787 w/ avg rate of 25.1 BPM. ISIP 2055 psi. Calc flush: 4812 gal. Actual flush: 4326 gal.

04-24-07 4328-4336' **Frac GB6 sands as follows:** 40746# 20/40 sand in 378 bbls Lightning 17 frac fluid. Treated @ avg press of 1820 w/ avg rate of 25.1 BPM. ISIP 1819 psi. Calc flush: 4326 gal. Actual flush: 4242 gal.

PERFORATION RECORD

04-17-07	5718-5735'	4 JSPF	68 holes
04-23-07	5252-5267'	4 JSPF	60 holes
04-24-07	5060-5077'	4 JSPF	68 holes
04-24-07	4867-4877'	4 JSPF	40 holes
04-24-07	4814-4825'	4 JSPF	44 holes
04-24-07	4328-4336'	4 JSPF	32 holes

NEWFIELD

Federal 8-8-9-16

2102' FNL & 536' FEL

SE/NE Section 8-T9S-R16E

Duchesne Co, Utah

API # 43-013-33057; Lease # UTU-79833

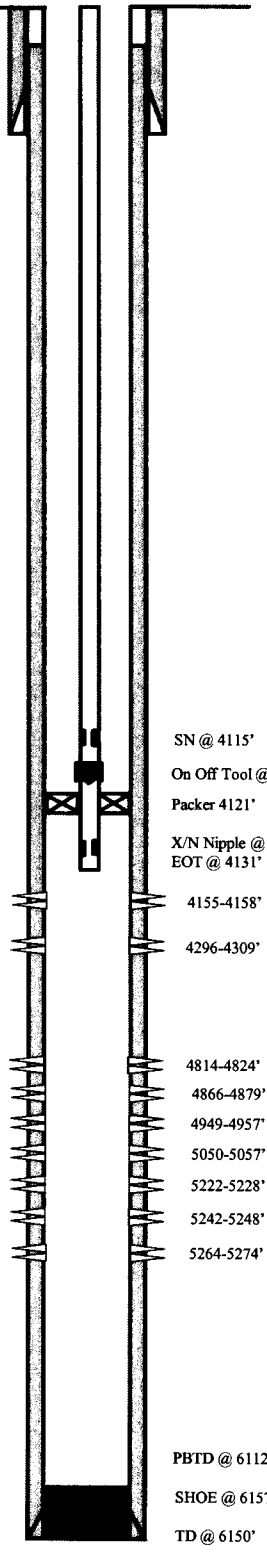
TK 5-15-07

ATTACHMENT E-3

Federal 9-8-9-16

Spud Date: 3-14-07
Put on Production: 4-23-07
GL: 5892' KB: 5904'

Injection Wellbore Diagram



SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (312.93')
DEPTH LANDED: 323.83' 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. (6053.57')
DEPTH LANDED: 6157.35' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 96'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 133 jts (4103.5')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4115.5' KB
ON/OFF TOOL AT: 4116.6'
PACKER CE @ 4121.39'
XO 2-3/8 x 2-7/8 AT: 4125.0'
TBG SUB AT: 4125.6
X/N NIPPLE 2-3/8 / 4.7# J-55 AT: 4129.7'
TOTAL STRING LENGTH: EOT @ 4131' KB

FRAC JOB

04-19-07	5222-5274'	**Frac A3, & A1 sands as follows:** 100620# 20/40 sand in 712 bbls Lightning 17 frac fluid. Treated @ avg press of 1866 psi w/avg rate of 25.2 BPM. ISIP 2198 psi. Calc flush: 5220 gal. Actual flush: 4746 gal.
04-19-07	5050-5057'	**Frac B1 sands as follows:** 24901# 20/40 sand in 341 bbls Lightning 17 frac fluid. Treated @ avg press of 1844 psi w/avg rate of 25.6 BPM. ISIP 1903 psi. Calc flush: 5048 gal. Actual flush: 4578 gal.
04-19-07	4949-4957'	**Frac C sands as follows:** 15025# 20/40 sand in 268 bbls Lightning 17 frac fluid. Treated @ avg press of 2058 psi w/avg rate of 25.5 BPM. ISIP 3687 psi. Calc flush: 4947 gal. Actual flush: 4494 gal.
04-19-07	4814-4879'	**Frac D2, & D1 sands as follows:** 140271# 20/40 sand in 940 bbls Lightning 17 frac fluid. Treated @ avg press of 1825 w/ avg rate of 25.5 BPM. ISIP 2118 psi. Calc flush: 4812 gal. Actual flush: 4326 gal.
04-20-07	4296-4309'	**Frac GB4 sands as follows:** 75560# 20/40 sand in 560 bbls Lightning 17 frac fluid. Treated @ avg press of 1672 w/ avg rate of 25.4 BPM. ISIP 1958 psi. Calc flush: 4294 gal. Actual flush: 4200 gal.
09/12/12	4155-4158'	**Frac GB2 sands as follows:** 10170# 20/40 sand in 107 bbls Lightning 17 frac fluid.
09/13/12		**Convert to Injection Well**
09/14/12		**Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

04-13-07	5264-5274'	4 JSPF	40 holes
04-13-07	5242-5248'	4 JSPF	24 holes
04-13-07	5222-5228'	4 JSPF	24 holes
04-19-07	5050-5057'	4 JSPF	28 holes
04-19-07	4949-4957'	4 JSPF	32 holes
04-19-07	4866-4879'	4 JSPF	52 holes
04-19-07	4814-4824'	4 JSPF	40 holes
04-19-07	4296-4309'	4 JSPF	52 holes
09-11-12	4155-4158'	3 JSPF	9 holes

NEWFIELD

Federal 9-8-9-16
2136' FSL & 944' FEL
NE/SE Section 8-T9S-R16E
Duchesne Co, Utah
API # 43-013-33058; Lease # UTU-64379

LCN 09/20/12

ATTACHMENT E-4

Federal 15-8-9-16

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

Injection Wellbore Diagram

SURFACE CASING

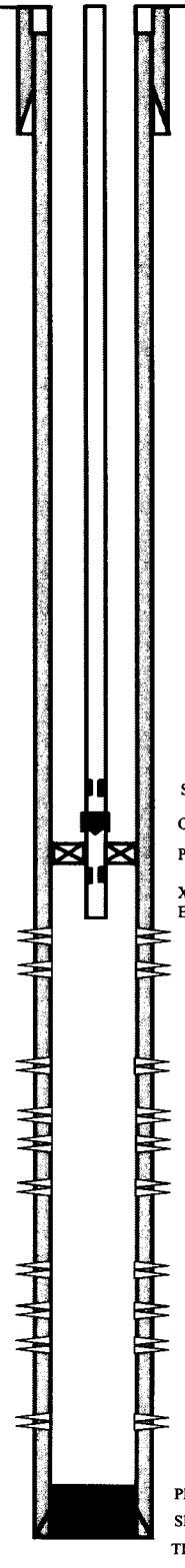
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (294.01')
DEPTH LANDED: 305.86' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

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: 131 jts (4146.8')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4158.8' KB
ON/OFF TOOL AT: 4159.9'
ARROW #1 PACKER CE AT: 4165.1'
XO 2-3/8 x 2-7/8 J-55 AT: 4168.8'
TBG PUP 2-3/8 J-55 AT: 4169.4'
X/N NIPPLE AT: 4173.5'
TOTAL STRING LENGTH: EOT @ 4175'



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 Lightning17 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:4578gal.
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.
10/19/12		**Convert to Injection Well**
10/22/12		**Conversion MIT Finalized** – update tbg 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

LCN 10/24/12

ATTACHMENT E-5

Federal 16-8-9-16

Spud Date: 02/06/07
Put on Production: 03/21/07

K.B.: 5876, G.L.: 5864

Wellbore Diagram

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

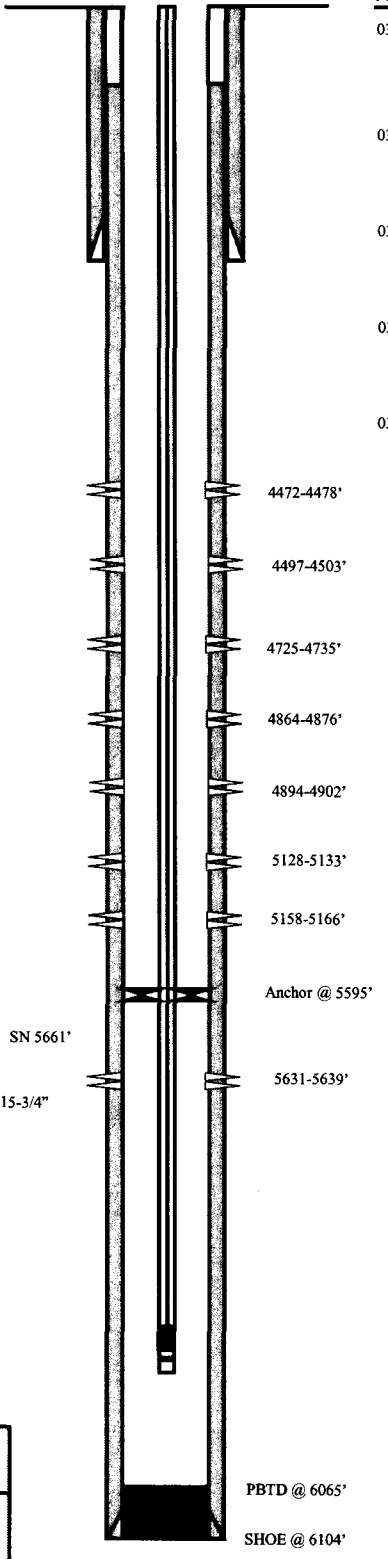
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 138 jts. (6054.21')
DEPTH LANDED: 6104.47' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 301 sxs Prem. Lite II mixed & 449 sxs 50/50 POZ.

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" scrapered rods, 6-1 ½" 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:



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

NEWFIELD

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

CB 04/19/07

ATTACHMENT E-6

Federal 12-9-9-16

Spud Date: 07/26/2009
Put on Production: 08/28/2009

GL: 5827' KB: 5839'

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'

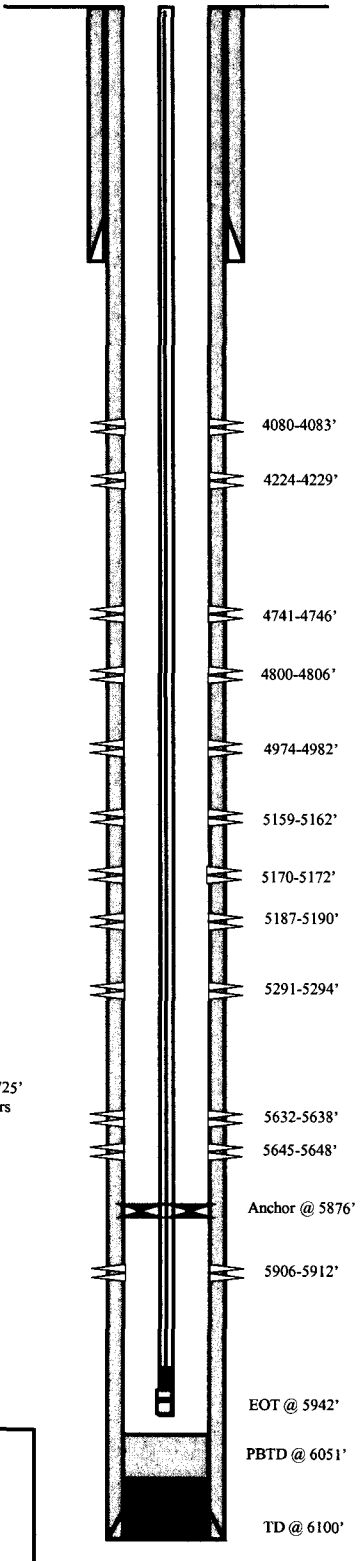
TUBING

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 – ¾ " = 2500' 4 per guided rods, 109 – ¾" = 2725' sucker rod, 20 – ¾" = 500' 4 per guided rods, 6-1 ½" = 150' weight bars
PUMP SIZE: 2 ½ " x 1 ½ " x 16' x 20' RHAC pump
STROKE LENGTH: 120
PUMP SPEED, SPM 5

Wellbore Diagram



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

NEWFIELD

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

VC 6/21/11

ATTACHMENT E-7

Federal 2-17-9-16

Spud Date: 08/29/06
Put on Production: 10/10/06

K.B.: 5898, G.L.: 5886

Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

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

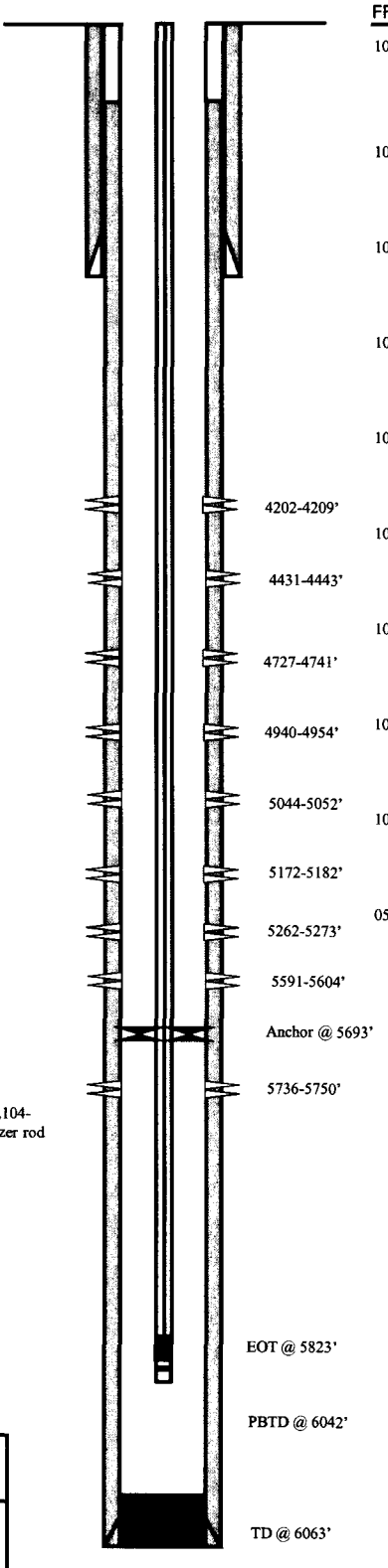
POLISHED ROD: 1-1/2" x 26' SM

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 ½" 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:4578 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

NEWFIELD

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

TW 08/30/11

ATTACHMENT E-8

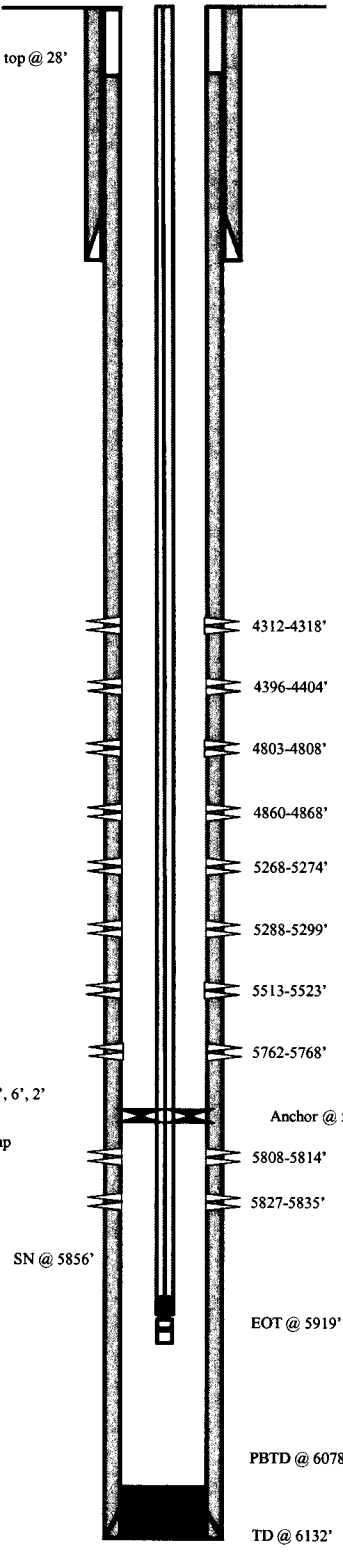
W Point N-8-9-16

Spud Date: 3/20/2009

Put on Production: 5/8/2009

GL: 5892' KB: 5904'

Wellbore Diagram



SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 8 jts (309')

DEPTH LANDED: 320.85 ' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 1- 160, sxs Class "G" cmt, est 2 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 158 jts (6106.61')

DEPTH LANDED: 6119.86

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sx primlite and 400 sx 50/50 poz

CEMENT TOP AT: 28'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55

NO. OF JOINTS: 184 jts (5789')

TUBING ANCHOR: 5792' KB

NO. OF JOINTS: 2 jts (63.1')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5856' KB

NO. OF JOINTS: 2 jts (62.8')

TOTAL STRING LENGTH: EOT @ 5919'

SUCKER RODS

POLISHED ROD: 1 ½" x 30' polished rod

SUCKER RODS: 4-1 ½" weight bars, 229- 7/8" guided rods (8 per), 1-8', 6', 2' x 7/8" pony subs

PUMP SIZE: RIH w/central hydraulic 2 ½" x 1 ¾" x 24' RHAC rod pump

STROKE LENGTH: 4.5

PUMP SPEED, SPM: 168"

FRAC JOB

5/11/2009 5762-5835' Frac CP.5,1,2 as follows:
19,403# 20/40 sand in 328 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2199 psi @ ave rate of 27.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2010 ps, 5 min 1806 psi, 10 min 1672 psi, 15 min 1593 psi.

5/11/2009 5513-5523' Frac LODC sds as follows:
40,685# 20/40 sand in 422 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2414 psi @ ave rate of 27.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISDP 2685 psi, 5 min 2380 psi, 10 min 2175 psi, 15 min 2063 psi.

5/11/2009 5268-5299' Frac A1 & A3 sds as follows:
45,517# 20/40 sand in 449 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2166 psi @ ave rate of 27.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISDP 2321 psi, 5 min 2166 psi, 10 min 2092 psi, 15 min 2014 psi.

5/11/2009 4803-4868' Frac D1 & DS3 sds as follows:
35,127# 20/40 sand in 365 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2039 psi @ ave rate of 27.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISDP 2317 psi, 5 min 1939 psi, 10 min 1827 psi, 15 min 1734 psi. Leave pressure on well. 1701 BWTR.

5/11/2009 4396-4404' Frac GB6 sds as follows:
14,673# 20/40 sand in 260 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2246 psi @ ave rate of 28 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISDP 1884 psi, 5 min 1691 psi, 10 min 1645 psi, 15 min 1615 psi.

5/11/2009 4312-4318' Frac GB4 sds as follows:
17,198# 20/40 sand in 255 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2577 psi @ ave rate of 28 BPM. Screened out 7.5 bbls short of flush. Left 2470#'s of sand in pipe, 14,728#'s in formation. ISDP 3242 psi, 5 min 1820 psi, 10 min 1615 psi, 15 min 1596 psi.

PERFORATION RECORD

5/4/09	5827-5835'	4 JSPF	32 holes
5/4/09	5808-5814'	4 JSPF	24 holes
5/4/09	5762-5768'	4 JSPF	24 holes
5/4/09	5513-5523'	4 JSPF	40 holes
5/4/09	5288-5299'	4 JSPF	44 holes
5/4/09	5268-5274'	4 JSPF	24 holes
5/4/09	4860-4868'	4 JSPF	32 holes
5/4/09	4803-4808'	4 JSPF	20 holes
5/4/09	4396-4404'	4 JSPF	32 holes
5/4/09	4312-4318'	4 JSPF	24 holes

NEWFIELD

West Point Federal N-8-9-16
2035'FNL & 2087' FWL (SE/NW)
Section 8, T9S, R16E
Duchesne County, Utah
API #43-013-34079; Lease # UTU-74390

TW 06/30/09
Updated by CS 7/30/2012

ATTACHMENT E-9

West Point #3-8

Spud Date: 2/20/200
Put on Production: P/A

GL: 5913' KB: 5923'

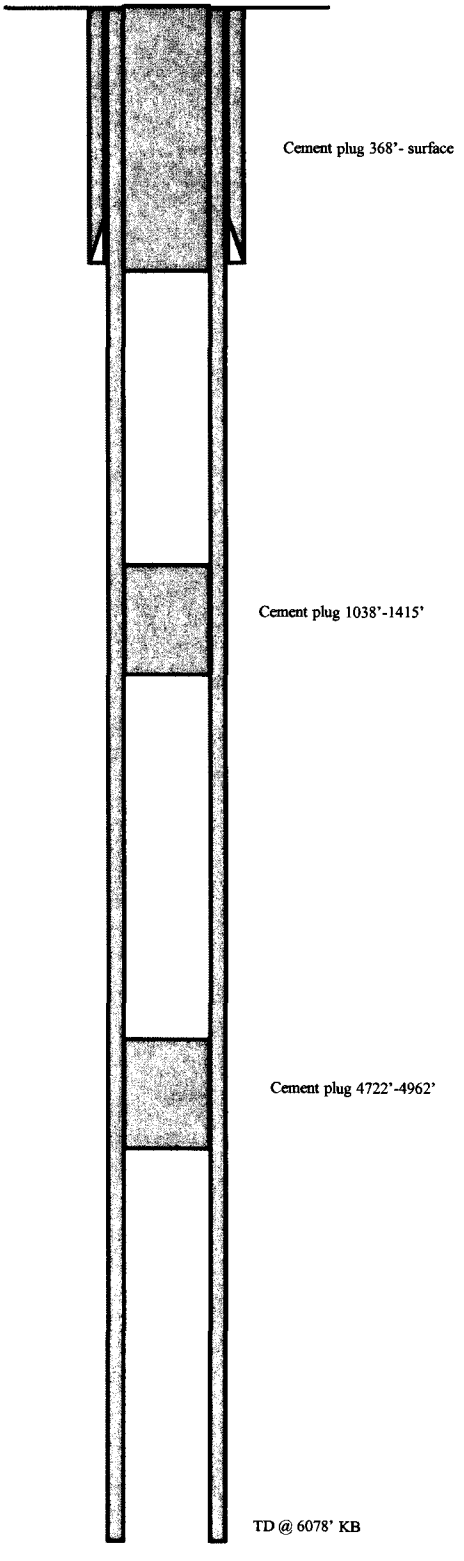
SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (306.36')
HOLE SIZE:12-1/4"
CEMENT DATA: 145 sxs Class "G" cmt

PLUGGING PROCEDURE

Spot 93 sks Class G cement across interval 4722'-4962'
Spot 150 sks Class G cement across interval 1038'-1415'
Spot 127 sks Class G cement across interval 368'-surface
Remove casing head, install plate style dry hole marker.

Wellbore Diagram



NEWFIELD

West Point #3-8-9-16
711' FNL & 1957' FWL
NENW Section 8-T9S-R16E
Duchesne Co, Utah
API #43-013-32207; Lease #UTU-74390

BDH 4/12/01

ATTACHMENT E-10

West Point 6-8-9-16

Spud Date: 11/10/2001

Put on Production: 12/18/2001

GL: 5886' KB: 5896'

Injection Wellbore Diagram

Initial Production: 160 BOPD, 253 MCFD, 45 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (303.45')

DEPTH LANDED: 311.45'

HOLE SIZE:12-1/4"

CEMENT DATA: 150 sxs Class "G" cmt, est 1 bbl cmt to surf.

Cement Top @ 95'

Casing shoe @ 311'

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 137 jts. (5999.71')

DEPTH LANDED: 5997.21'

HOLE SIZE: 7-7/8"

CEMENT DATA: 275 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

CEMENT TOP AT: 95' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

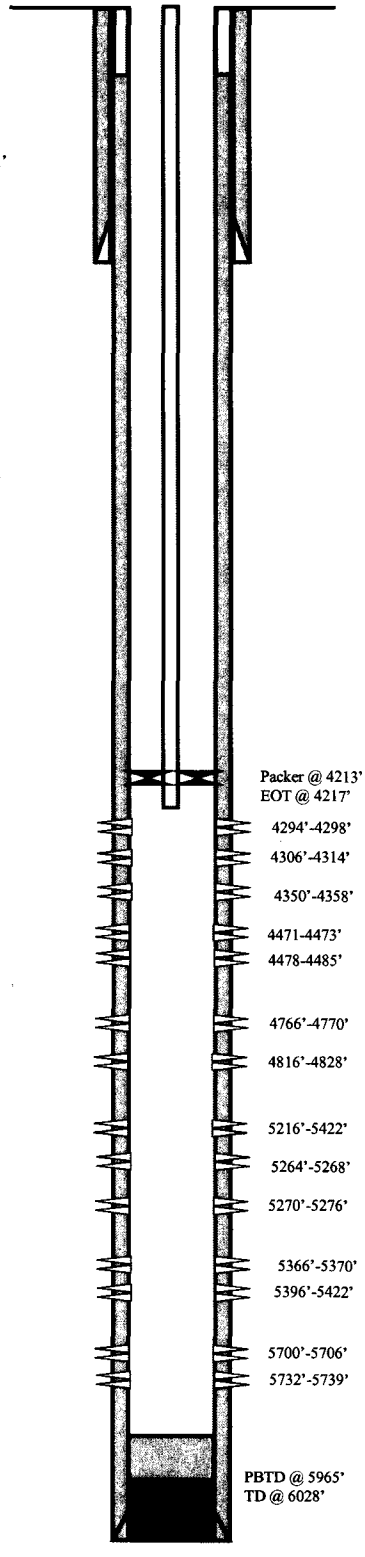
NO. OF JOINTS: 129 jts (4199')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4209' KB

CE @ 4213.37'

TOTAL STRING LENGTH: EOT @ 4217'



FRAC JOB

12/6/01	5700'-5739'	**Frac CP sand as follows:** 50,505# 20/40 sand in 433 bbls Viking I-25 fluid. Treated @ avg press of 1950 psi w/avg rate of 25.7 BPM. ISIP 2150 psi. Calc. flush 5700 gal: Act. flush 5628 gal.
12/7/01	5216'-5422'	**Frac LODC/A sand as follows:** 163,131# 20/40 sand in 1100 bbls Viking I-25 fluid. Treated @ avg press of 2210 psi w/avg rate of 26 BPM. ISIP 2275 psi. Calc. flush 5216 gal: Act. flush 5145 gal. Flowed 9.5 hr. then died.
12/10/01	4766'-4828'	**Frac D sand as follows:** 64,699# 20/40 sand in 521 bbls Viking I-25 fluid. Treated @ avg press of 1775 psi w/avg rate of 25.6 BPM. ISIP 1900 psi. Calc. flush 4766 gal: Act. flush 4897 gal. Flowed 5.5 hr. then died.
12/11/01	4294'-4358'	**Frac GB sand as follows:** 83,741# 20/40 sand in 539 bbls Viking I-25 fluid. Treated @ avg press of 1850 psi w/avg rate of 25.6 BPM. ISIP 221 psi. Calc. flush 4294 gal: Act. flush 4200 gal. Flowed 8 hr. then died.
02/17/11	4471-4485'	**Frac PB8 sand as follows:** 42601# 20/40 sand in 378 bbls Lighting 17 fluid.
02/23/11		**Recompletion finalized** – updated tbg and rod details
05/04/11		**Convert to Injection Well**
05/19/11		**Conversion MIT Finalized** – tbg detail updated

PERFORATION RECORD

12/06/01	5732'-5739'	4 JSPF	28 holes
12/06/01	5700'-5706'	4 JSPF	24 holes
12/07/01	5396'-5422'	4 JSPF	104 holes
12/07/01	5366'-5370'	4 JSPF	16 holes
12/07/01	5270'-5276'	4 JSPF	24 holes
12/07/01	5264'-5268'	4 JSPF	16 holes
12/07/01	5216'-5222'	4 JSPF	24 holes
12/10/01	4816'-4828'	4 JSPF	48 holes
12/10/01	4766'-4770'	4 JSPF	16 holes
1211/01	4350'-4358'	4 JSPF	32 holes
12/11/01	4306'-4314'	4 JSPF	32 holes
12/11/01	4294'-4298'	4 JSPF	16 holes
02/17/11	4478-4485'	3 JSPF	21 holes
02/17/11	4471-4473'	3 JSPF	6 holes

NEWFIELD

West Point 6-8-9-16

2048' FNL & 2104' FWL

SENW Section 8-T9S-R16E

Duchesne Co, Utah

API #43-013-32282; Lease #UTU-74390

LCN 05-23-11

ATTACHMENT E-11

West Point #11-8-9-16

Spud Date: 11/20/2001
Put on Production: 1/10/2002
GL: 5922' KB: 5932'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (298.45')
DEPTH LANDED: 306.45'
HOLE SIZE:12-1/4"
CEMENT DATA: 150 sxs Class "G" cmt, est 4 bbl cmt to surface.

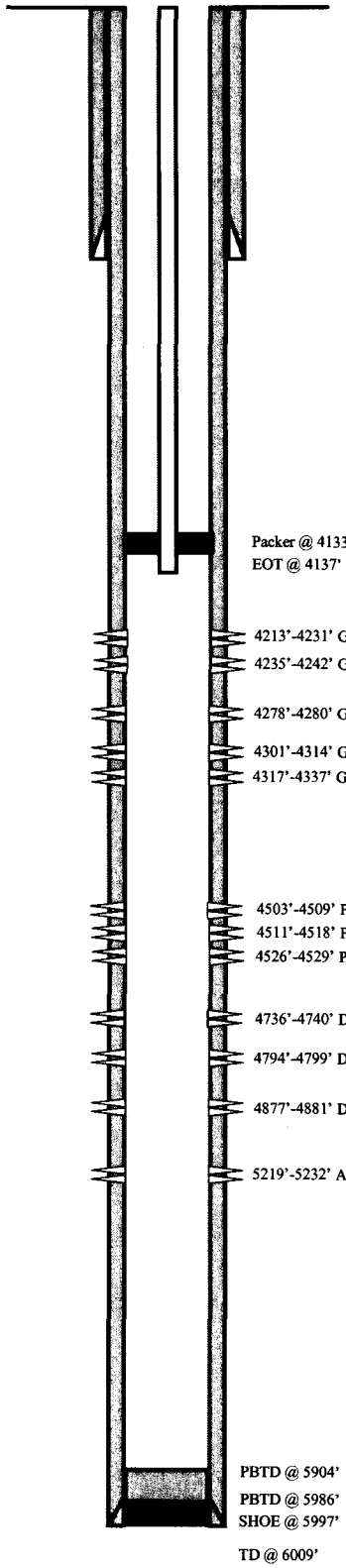
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 144 jts. (6006.41')
DEPTH LANDED: 5996.97'
HOLE SIZE: 7-7/8"
CEMENT DATA: 275 sk Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: Surface

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 128 jts (4118.67')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4128.67' KB
PACKER: 4132.98'
TOTAL STRING LENGTH: EOT @ 4137.08'

Injection Wellbore Diagram



FRAC JOB

1/3/02	5219-5232'	**Frac A-3 sand as follows:** 38,000# 20/40 sand in 347 bbls Viking I-25 fluid. Treated @ avg press of 2200 psi w/avg rate of 28.5 BPM. ISIP 2180 psi. Calc. flush: 5219 gal., Act. flush: 5166 gal.
1/3/02	4736'-4881'	**Frac D-1, D-2 sand as follows:** 41,610# 20/40 sand in 385 bbls Viking I-25 fluid. Treated @ avg press of 1950 psi w/avg rate of 28.5 BPM. ISIP 2020 psi. Calc. flush: 4794 gal., Act. flush: 4662 gal.
1/3/02	4213'-4337'	**Frac GB sand as follows:** 193,610# 20/40 sand in 1267 bbls Viking I-25 fluid. Treated @ avg press of 1950 psi w/avg rate of 28.5 BPM. ISIP 2050 psi. Calc. flush: 4213 gal., Act. flush: 4116 gal.
4/25/03		Stuck Pump. Update rod details.
4/21/04		Converted to injector. Ready for MIT.
4/1/09		**5 Year MIT completed and submitted.**

PERFORATION RECORD

1/2/02	5219'-5232'	4 JSPF	32 holes
1/3/02	4877'-4881'	4 JSPF	16 holes
1/3/02	4794'-4799'	4 JSPF	20 holes
1/3/02	4736'-4740'	4 JSPF	16 holes
1/3/02	4526'-4529'	4 JSPF	12 holes
1/3/02	4511'-4518'	4 JSPF	28 holes
1/3/02	4503'-4509'	4 JSPF	24 holes
1/3/02	4317'-4337'	4 JSPF	80 holes
1/3/02	4301'-4314'	4 JSPF	52 holes
1/3/02	4278'-4280'	4 JSPF	08 holes
1/3/02	4235'-4242'	4 JSPF	28 holes
1/3/02	4213'-4231'	4 JSPF	72 holes
4/20/04	5802'-5816'	4 JSPF	56 holes
4/20/04	5660'-5664'	4 JSPF	16 holes

NEWFIELD

West Point #11-8-9-16
1919' FSL & 1797' FWL
NE/SW Section 8-T9S-R16E
Duchesne Co, Utah
API #43-013-32285; Lease #UTU-74390

CR 4/13/09

ATTACHMENT E-12

West Point #12-8-9-16

Spud Date: 11/12/2001
Put on Production: 12/27/2001

GL: 5937' KB: 5947'

Wellbore Diagram

Initial Production:82 BOPD, 43 MCFD, 37 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (301.78')
DEPTH LANDED: 309.78'
HOLE SIZE:12-1/4"
CEMENT DATA: 150 sxs Class "G" cmt, est. 3 bbls cmt to surf.

PRODUCTION CASING

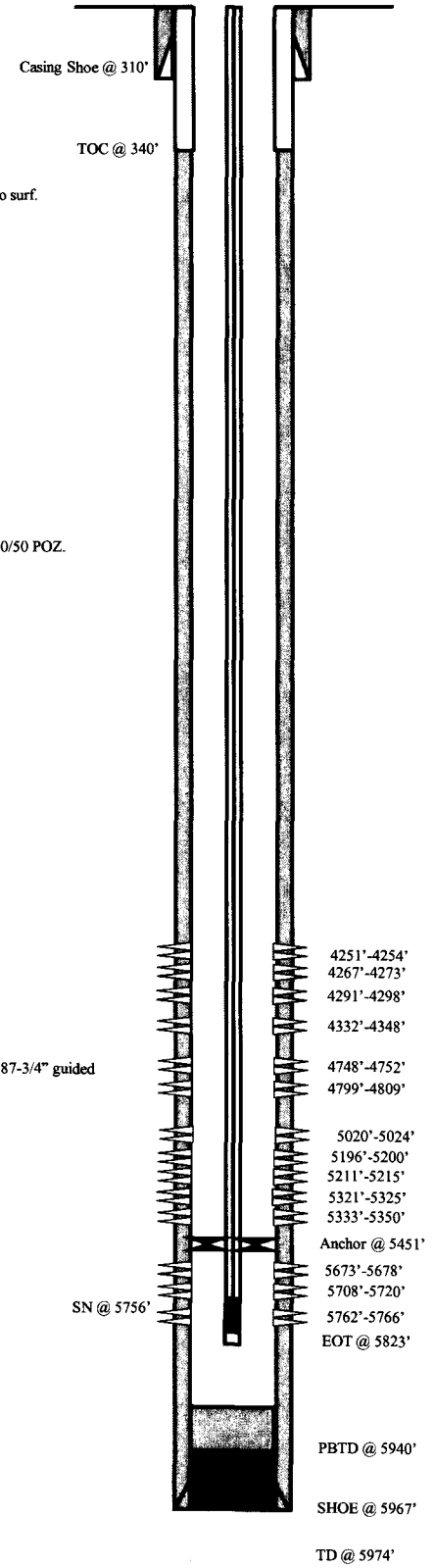
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 141 jts. (5969')
DEPTH LANDED: 5966.5'
HOLE SIZE: 7-7/8"
CEMENT DATA: 275 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 340'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 175 jts (5647.91')
TUBING ANCHOR: 5450.55'
NO. OF JOINTS: 3 jts (96.70')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5755.71'
NO. OF JOINTS: 2 jts (64.55')
TOTAL STRING LENGTH: EOT @ 5823.37'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' (A)
SUCKER RODS: 6-1 1/2" weight bars; 20-3/4" guided rods; 87-3/4" guided rods, .116-3/4' slick rods
PUMP SIZE: 2-1/2" x 1-1/2" x 15 1/2' RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM



FRAC JOB

12/13/01	5673'-5766'	**Frac CP sand as follows:** 89,594# 20/40 sand in 632 bbls YF-125 fluid. Treated @ avg press of 1719 psi w/avg rate of 27.5 BPM. ISIP 2060 psi. Calc. flush: 5673 gal., Act. flush: 5596 gal.
12/13/01	5196'-5350'	**Frac LODC sand as follows:** 109,000# 20/40 sand in 747 bbls YF-125 fluid. Treated @ avg press of 1827 psi w/avg rate of 28.7 BPM. ISIP 2043 psi. Calc. flush: 5196 gal., Act. flush: 5095 gal. Flow 8.5 hrs. then died.
12/14/01	4748'-5024'	**Frac D/B sand as follows:** 74,200# 20/40 sand in 547 bbls YF-125 fluid. Treated @ avg press of 1761 psi w/avg rate of 26.9 BPM. ISIP 2109 psi. Calc. flush: 4748 gal., Act. flush: 4683 gal.
12/14/01	4251'-4348'	**Frac GB sand as follows:** 142,186# 20/40 sand in 946 bbls YF-125 fluid. Treated @ avg press of 1815 psi w/avg rate of 28.6 BPM. ISIP 2230 psi. Calc. flush: 4251 gal., Act. flush: 4171 gal. Flow 9 hrs. then died.
3/6/03		Stuck pump. Update rod details.
09/01/05		Pump Change. Detail rod and tubing Updated.
8-8-08		Parted rods. Updated rod & tubing details.

PERFORATION RECORD

12/12/01	5762'-5766'	4 JSPF	16 holes
12/12/01	5708'-5820'	4 JSPF	48 holes
12/12/01	5673'-5678'	4 JSPF	20 holes
12/13/01	5333'-5350'	4 JSPF	68 holes
12/13/01	5321'-5325'	4 JSPF	16 holes
12/13/01	5211'-5215'	4 JSPF	16 holes
12/13/01	5196'-5200'	4 JSPF	16 holes
12/14/01	5020'-5024'	4 JSPF	16 holes
12/14/01	4799'-4809'	4 JSPF	40 holes
12/14/01	4748'-4752'	4 JSPF	16 holes
12/14/01	4332'-4348'	4 JSPF	64 holes
12/14/01	4291'-4298'	4 JSPF	28 holes
12/14/01	4267'-4273'	4 JSPF	24 holes
12/14/01	4251'-4254'	4 JSPF	12 holes

NEWFIELD

West Point Unit #12-8-9-16
2083' FSL & 584' FWL
NWSW Section 8-T9S-R16E
Duchesne Co, Utah
API #43-013-32286; Lease #UTU-74390

DF 9/19/08

ATTACHMENT E-13

West Point #14-8-9-16

Spud Date: 12/13/2001
Put on Production: 1/15/2002
GL: 5959' KB: 5969'

Wellbore Diagram

Initial Production:78 BOPD, 90 MCFD, 10 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 8 jts. (310.63')
DEPTH LANDED: 318.63'
HOLE SIZE:12-1/4"
CEMENT DATA: 150 sxs Class "G" cmt, est 2 bbls cmt to surface.

PRODUCTION CASING

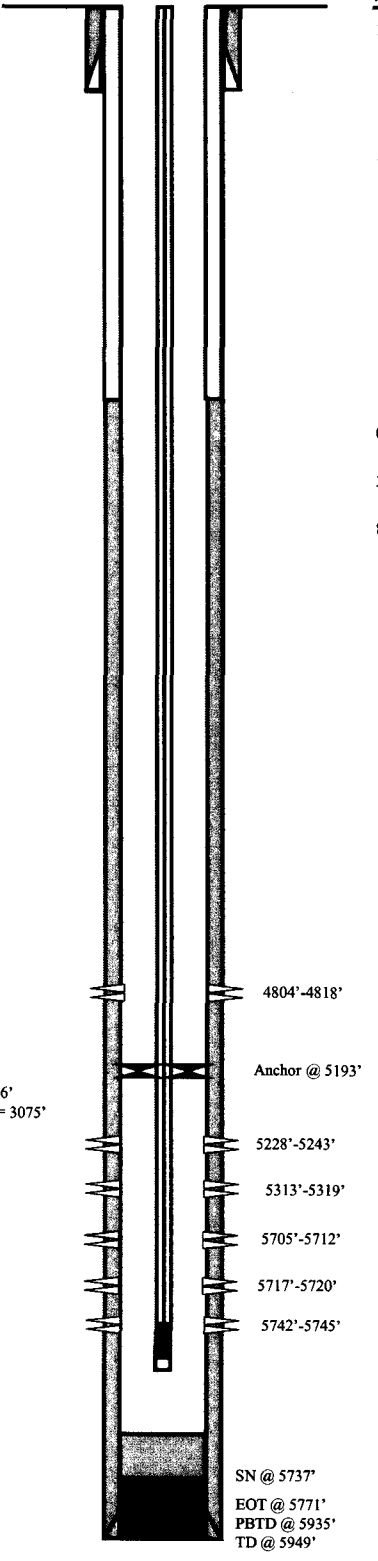
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 142 jts. (5957.29')
DEPTH LANDED: 5954.79'
HOLE SIZE: 7-7/8"
CEMENT DATA: 275 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 1100' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 174 jts (5659.9')
TUBING ANCHOR: 5193.23'
NO. OF JOINTS: 2 jts (65.1')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5737.8'KB
NO. OF JOINTS: 1 jts (31.5')
TOTAL STRING LENGTH: EOT @ 5771'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 1 x ¾: = 2' pony rods, 1 x ¾" = 4' pony rod, 1 x ¾" = 6' pony rod, 1 x ¾" = 8' pony rod, 89 x ¾" = 2225' guided rods, 123 x ¾" = 3075' guided rods, 10 x ¾" = 250' guided rods, 6 x 1 ½" = 150' weight bars
PUMP SIZE: 2-1/2" x 1-1/4" x 15' RHAC
STROKE LENGTH: "
PUMP SPEED, SPM: SPM



FRAC JOB

1/10/02	5707'-5745'	**Frac CP-3 sand as follows:** 26,000# 20/40 sand in 297 bbls Viking I-25 fluid. Treated @ avg press of 1850 psi w/avg rate of 25 BPM. ISIP 1980 psi. Calc. flush: 5707 gal., Act. flush: 5628 gal.
1/10/02	5228'-5319'	**Frac A-3 sand as follows:** 60,000# 20/40 sand in 483 bbls Viking I-25 fluid. Treated @ avg press of 2300 psi w/avg rate of 25 BPM. ISIP 2085 psi. Calc. flush: 5228 gal., Act. flush: 5166 gal.
1/10/02	4804'-4818'	**Frac D-1 sand as follows:** 60,680# 20/40 sand in 486 bbls Viking I-25 fluid. Treated @ avg press of 1775 psi w/avg rate of 25 BPM. ISIP 2060 psi. Calc. flush: 4804 gal., Act. flush: 4707 gal.
07/11/06		Pump Change. Update rod and tubing details.
3/25/11		Pump Change. Updated rod & tubing details.
8/12/11		Pump Change. Updated rod & tubing details.

PERFORATION RECORD

1/08/02	5742'-5745'	4 JSPF	12 holes
1/08/02	5717'-5720'	4 JSPF	12 holes
1/08/02	5705'-5712'	4 JSPF	20 holes
1/10/02	5313'-5319'	4 JSPF	24 holes
1/10/02	5228'-5243'	4 JSPF	60 holes
1/10/02	4804'-4818'	4 JSPF	56 holes

NEWFIELD

West Point #14-8-9-16
809' FSL & 1999' FWL
SESW Section 8-T9S-R16E
Duchesne Co, Utah
API #43-013-32288; Lease #UTU-74390

VC 9/1/2011

ATTACHMENT E-14

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

Injection Wellbore Diagram

SURFACE CASING

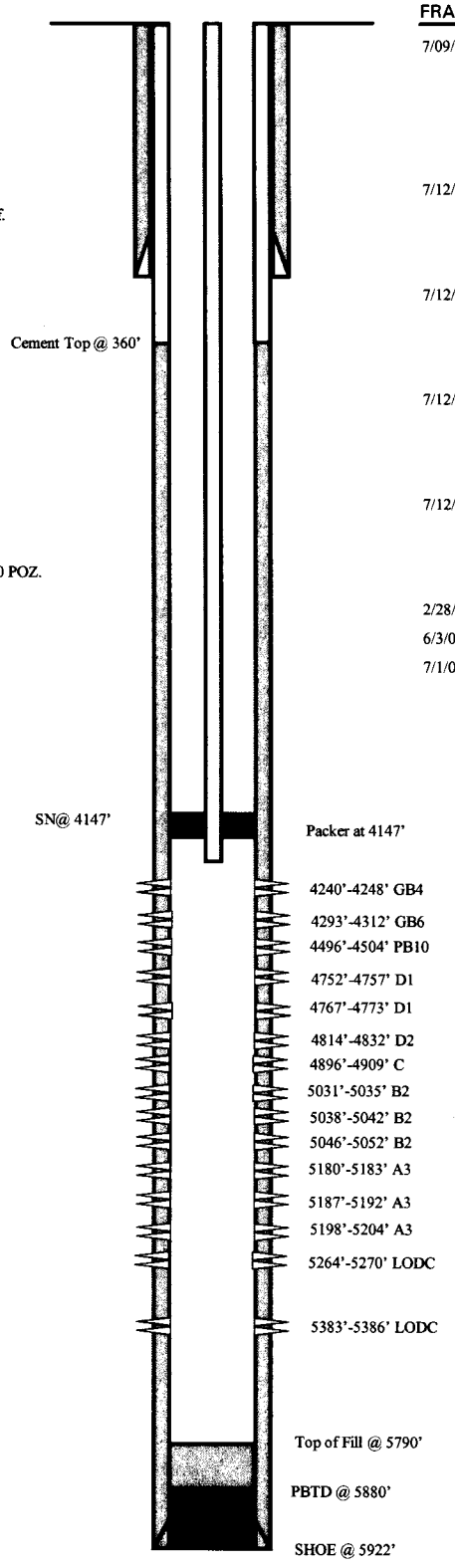
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 8 jts. (290.19')
DEPTH LANDED: 300.04' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 150 sxs Class "G" cmt, est 4 bbls cmt to surf.

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



FRAC JOB

7/09/02	5180'-5386'	**Frac A3/LODC sands as follows:** 59,987# 20/40 sand in 468 bbls Viking I-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 I-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 I-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 I-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 I-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

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

NEWFIELD

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

CD 7/1/06

ATTACHMENT E-15

West Point Fed Q-8-9-16

Spud Date: 9/1/2009
Put on Production: 10/12/2009
GL: 5959' KB: 5971'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (309.05')
DEPTH LANDED: 320.90'
CEMENT DATA: 160 sxs Class 'G', circ. 7 bbls to surf.

PRODUCTION CASING

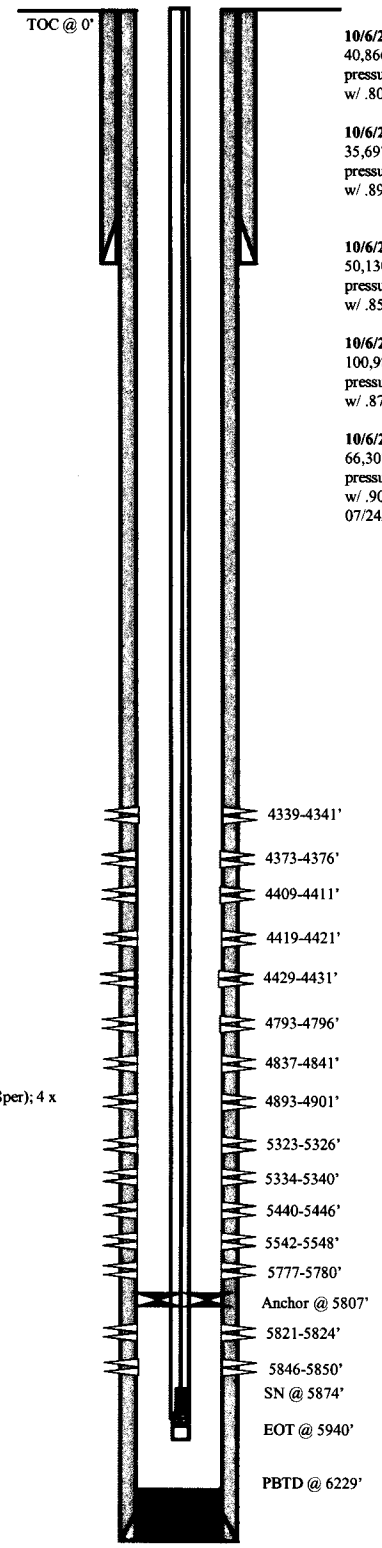
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 149 jts (6258.9')
DEPTH LANDED: 6273.90'
HOLE SIZE: 7-7/8"
CEMENT DATA: 270 sxs PrimLite II & 360 sxs 50/50 POZ
CEMENT TOP AT: 0' per CBL 10/2/09

TUBING (GI 10/12/09)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 181 jts (5795.3')
TUBING ANCHOR: 5807.3' KB
NO. OF JOINTS: 2 jts (63.9')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5874' KB
NO. OF JOINTS: 2 jts (64.7')
NOTCHED COLLAR: 2-7/8" (0.5')
TOTAL STRING LENGTH: EOT @ 5940'

SUCKER RODS (GI 7/23/10)

POLISHED ROD: 1-½" x 30'
SUCKER RODS: 2', 4', 6' x 7/8" pony rods; 230 x 7/8" guided rods(8per); 4 x 1-½" weight rods
PUMP SIZE: 2-1/2" x 1-3/4" x 20' x 24' RHAC
STROKE LENGTH: 146"
PUMP SPEED, SPM: 3.7
PUMPING UNIT: DARCO C-640-365-168



FRAC JOB

10/6/2009 5777-5850' Frac CP.5, CP1, CP2 sds as follows:
40,866# sand in 438 bbls of lightning 17 frac fluid. Treated @ ave pressure of 2228 w/ ave rate of 35 bpm w/ 8 ppg of sand. ISIP was 2061 w/ .80FG. 5 min was 1841. 10 min was 1774. 15 min was 1702.

10/6/2009 5440-5548' Frac LODC sds as follows:
35,697# sand in 400 bbls of lightning 17 frac fluid. Treated @ ave pressure of 2801 w/ ave rate of 40 bpm w/ 8 ppg of sand. ISIP was 2446 w/ .89FG.

10/6/2009 5323-5340' Frac A3 sds as follows:
50,130# sand in 469 bbls of lightning 17 frac fluid. Treated @ ave pressure of 2548 w/ ave rate of 33 bpm w/ 8 ppg of sand. ISIP was 2192 w/ .85FG.

10/6/2009 4793-4901' Frac D1, DS3, DS1 sds as follows:
100,980# sand in 752 bbls of lightning 17 frac fluid. Treated @ ave pressure of 2396 w/ ave rate of 48 bpm w/ 8 ppg of sand. ISIP was 2080 w/ .87FG. 5 min was 1900. 10 min was 1841. 15 min was 1786.

10/6/2009 4339-4431' Frac GB6 GB4 sds as follows:
66,307# sand in 557 bbls of lightning 17 frac fluid. Treated @ ave pressure of 2396 w/ ave rate of 48 bpm w/ 8 ppg of sand. ISIP was 2001 w/ .90FG.
07/24/10 Pump Change. Rod & Tubing updated.

PERFORATION RECORD

10/6/09	5846-5850'	3 JSPF	12 holes
10/6/09	5821-5824'	3 JSPF	9 holes
10/6/09	5777-5780'	3 JSPF	9 holes
10/6/09	5542-5548'	3 JSPF	18 holes
10/6/09	5440-5446'	3 JSPF	18 holes
10/6/09	5334-5340'	3 JSPF	18 holes
10/6/09	5323-5326'	3 JSPF	9 holes
10/6/09	4893-4901'	3 JSPF	24 holes
10/6/09	4837-4841'	3 JSPF	12 holes
10/6/09	4793-4796'	3 JSPF	9 holes
10/6/09	4429-4431'	3 JSPF	6 holes
10/6/09	4419-4421'	3 JSPF	6 holes
10/6/09	4409-4411'	3 JSPF	6 holes
10/6/09	4373-4376'	3 JSPF	9 holes
10/6/09	4339-4341'	3 JSPF	6 holes

NEWFIELD

West Point Fed Q-8-9-16
785' FSL & 1998' FWL
SE/SW Section 8-T9S-R16E
Duchesne Co, Utah
API # 43-013-33882; Lease # UTU-74390

GI 1/2/13

ATTACHMENT E-16

GMBU D-17-9-16

Spud Date: 11/17/2011

PWOP: 01/24/2012

GL: 5984' KB: 5997'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (317.6')

DEPTH LANDED: 330.92' KB

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: 155 jts. (6296.11') Shoe Joint (41.83')

HOLE SIZE: 7-7/8"

DEPTH LANDED: 6314.72' KB

CEMENT DATA: 250 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.

CEMENT TOP AT: 200'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 168 jts. (5245.1')

TUBING ANCHOR: 5258.1' KB

NO. OF JOINTS: 1 jt. (31.4')

SEATING NIPPLE: 2-7/8" (1.1')

SN LANDED AT: 5292.3' KB

NO. OF JOINTS: 2 jts. (62.7')

NOTCHED COLLAR: 5356.0' KB

TOTAL STRING LENGTH: EOT @ 5356'

SUCKER RODS

POLISHED ROD: 1-1/2" x 30' Spray Metal Polished Rod

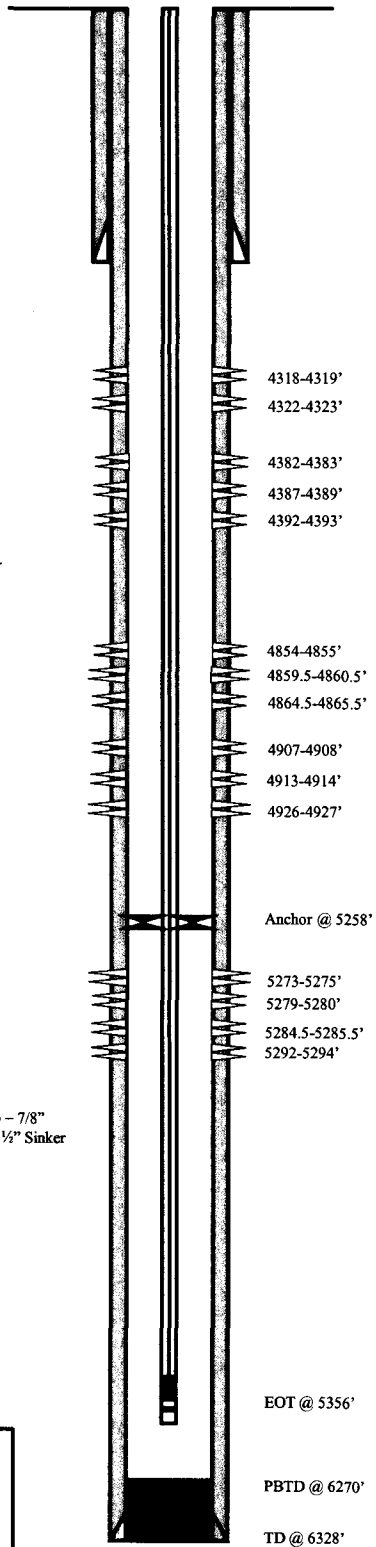
SUCKER RODS: 1 – 7/8" x 2' Pony Rod, 1 – 7/8" x 4' Pony Rod, 66 – 7/8" 4per Guided Rods (1650'), 138 – ¾" 4per Guided Rods (3450'), 5 – 1 ½" Sinker Bars (125'), 5 – 1" Guided Rods (20')

PUMP SIZE: 2 ½" x 1 ¾" x 20' x 21' x 24' RHAC

STROKE LENGTH: 144"

PUMP SPEED: 5 SPM

Wellbore Diagram



FRAC JOB

01/12/2012	5273-5294'	**Frac A1, sands as follows:** Frac with 65477# 20/40 white sand in 519 bbls lightning 17 fluid; 699 bbls total fluid to recover.
01/14/2012	4854-4927'	**Frac D1 & D2, sands as follows:** Frac with 130430# 20/40 white sand in 1025 bbls lightning 17 fluid; 1141 bbls total fluid to recover.
01/14/2012	4318-4393'	**Frac GB4 & GB6, sands as follows:** Frac with 62853# 20/40 white sand in 510 bbls lightning 17 fluid; 612 bbls total fluid to recover.

PERFORATION RECORD

5292-5294'	3 JSPF	6 holes
5284.5-5285.5'	3 JSPF	3 holes
5279-5280'	3 JSPF	3 holes
5273-5275'	3 JSPF	6 holes
4926-4927'	3 JSPF	3 holes
4913-4914'	3 JSPF	3 holes
4907-4908'	3 JSPF	3 holes
4864.5-4865.5'	3 JSPF	3 holes
4859.5-4860.5'	3 JSPF	3 holes
4854-4855'	3 JSPF	3 holes
4392-4393'	3 JSPF	3 holes
4387-4389'	3 JSPF	3 holes
4382-4383'	3 JSPF	3 holes
4322-4323'	3 JSPF	3 holes
4318-4319'	3 JSPF	3 holes

NEWFIELD

GMBU D-17-9-16

578'FSL & 791' FWL (SW/SW)

Section 8, T9S, R16E

Duchesne County, Utah

API #43-013-50701; Lease # UTU-74390

CS 05/02/12

ATTACHMENT E-17

GMBU G-8-9-16

Spud Date: 12/05/2011

PWOP: 01/31/2012

GL: 5940' KB: 5953'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 8 jts. (330.2')

DEPTH LANDED: 343.52' KB

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: 157 jts. (6433.6') Includes Shoe Jt. (40.63')

HOLE SIZE: 7-7/8"

DEPTH LANDED: 6453.21' KB

CEMENT DATA: 275 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

CEMENT TOP AT: 50'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 189 jts. (5826.7')

TUBING ANCHOR: 5839.7' KB

NO. OF JOINTS: 1 jt. (31.3')

SEATING NIPPLE: 2-7/8" (1.1')

SN LANDED AT: 5873.8' KB

NO. OF JOINTS: 2 jts. (62.5')

NOTCHED COLLAR: 5937.4' KB

TOTAL STRING LENGTH: EOT @ 5938'

SUCKER RODS

POLISHED ROD: 1-1/2" x 30' Spray Metal Polished Rod

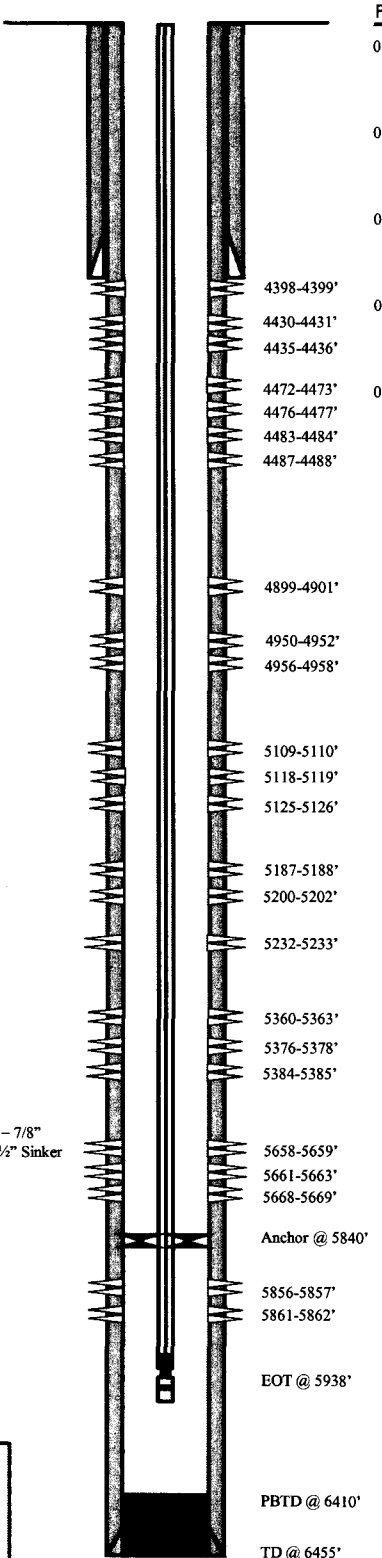
SUCKER RODS: 1 – 7/8" x 2' Pony Rod, 1 – 7/8" x 4' Pony Rod, 74 – 7/8" 4per Guided Rods (1850'), 153 – ¾" 4per Guided Rods (3825'), 5 – 1 ½" Sinker Bars (125'), 1 – 1" Stabilizer Bar (4')

PUMP SIZE: 2 ½" x 1 ¾" x 20' x 24' RHAC

STROKE LENGTH: 144"

PUMP SPEED: 5 SPM

Wellbore Diagram



FRAC JOB

01/20/2012	5658-5862'	**Frac CP-Half & LODC, sands as follows:** Frac with 59512# 20/40 white sand in 475 bbls lightning 17 fluid; 657 bbls total fluid to recover.
01/25/2012	5360-5385'	**Frac A1, sands as follows:** Frac with 35421# 20/40 white sand in 302 bbls lightning 17 fluid; 439 bbls total fluid to recover.
01/25/2012	5109-5233'	**Frac B.5, B1 & C, sands as follows:** Frac with 74948# 20/40 white sand in 589 bbls lightning 17 fluid; 711 bbls total fluid to recover.
01/25/2012	4899-4958'	**Frac D1 & DS3, sands as follows:** Frac with 39795# 20/40 white sand in 346 bbls lightning 17 fluid; 462 bbls total fluid to recover.
01/25/2012	4398-4488'	**Frac GB2, GB4 & GB6, sands as follows:** Frac with 82976# 20/40 white sand in 551 bbls lightning 17 fluid; 656 bbls total fluid to recover.

PERFORATION RECORD

5861-5862'	3 JSPF	3 holes
5856-5857'	3 JSPF	3 holes
5668-5669'	3 JSPF	3 holes
5661-5663'	3 JSPF	6 holes
5658-5659'	3 JSPF	3 holes
5384-5385'	3 JSPF	3 holes
5376-5378'	3 JSPF	6 holes
5360-5363'	3 JSPF	9 holes
5232-5233'	3 JSPF	3 holes
5200-5202'	3 JSPF	6 holes
5187-5188'	3 JSPF	3 holes
5125-5126'	3 JSPF	3 holes
5118-5119'	3 JSPF	3 holes
5109-5110'	3 JSPF	3 holes
4956-4958'	3 JSPF	6 holes
4950-4952'	3 JSPF	6 holes
4899-4901'	3 JSPF	6 holes
4487-4488'	3 JSPF	3 holes
4483-4484'	3 JSPF	3 holes
4476-4477'	3 JSPF	3 holes
4472-4473'	3 JSPF	3 holes
4435-4436'	3 JSPF	3 holes
4430-4431'	3 JSPF	3 holes
4398-4399'	3 JSPF	3 holes

NEWFIELD

GMBU G-8-9-16

986'FNL & 792' FWL (NW/NW)

Section 8, T9S, R16E

Duchesne County, Utah

API #43-013-50703; Lease # UTU-74390

CS 06/14/2012

NEWFIELD

GMBU F-9-9-16

Monument Butte - Duchesne County, Utah, USA

Surf Legal Location: SE/NE - Sec 8, T9S, R18E; 2,106' FNL & 494' FEL

5862' GL + 10' KB

API#: 43-013-51139; Lease#: UTU-79833

Paul Lambcke

DLB 5/2/13

Spud Date: 1/17/13; PoP Date: 3/6/13

CASING DETAIL

Casing	Top	Bottom	Size	Wt	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
Surf	10'	324'	8 625	24#	J-55	7 972"	2,950	1,370	8 097"	2 6749	STC	12 250
Prod	10'	6,513'	5 500	15 5#	J-55	4 825"	4,810	4,040	4 950"	0 9997	LTC	7 875

TBG. DETAIL

Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger
10'	6,070'	8EUE	2-7/8"	6 5#	J-55	2 347"	7,260	7,680	2 441"	Tubing Anchor Set @ 5,972'

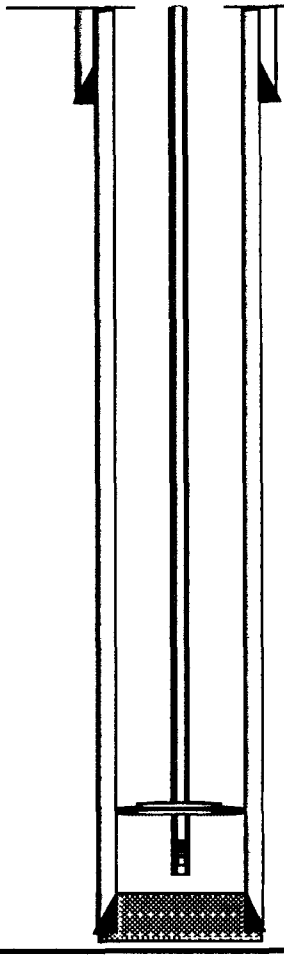
ROD DETAIL

Component	Top	Bottom	Size	Grade	Length	Count	Pump
Polish Rod	0'	30'	1 1/2"	C(API)	30	1	Insert Pump 2 5 Max ID x 1 75 Plunger RHAC @
Pony Rod	30'	32'	3/4"	C(API)	2	1	6,000'
Pony Rod	32'	36'	7/8"	C(API)	4	1	
Pony Rod	36'	42'	7/8"	C(API)	6	1	
Polish Rod	42'	50'	7/8"	C(API)	8	1	
4per Guided Rod	50'	2,025'	7/8"	Tenaris D78	1975	79	
4per Guided Rod	2,025'	5,250'	3/4"	Tenaris D78	3225	129	
8per Guided Rod	5,250'	6,000'	7/8"	Tenaris D78	750	30	

Stage	Top	Bottom	SPF	EHD	Date	Frac Summary					
5	4,469'	4,470'	3	0 34	2/26/2013	Formation:	GB6				
	4,473'	4,476'	3	0 34	2/26/2013	20/40 White:	50,152	lbs	15% HCl:	0	gals
						Pad:	1,726	gals	Treating Fluid:	11,167	gals
						Flush:	4,486	gals	Load to Recover:	17,379	gals
						ISIP=	0 857	psi/ft	Max STP:	3,240	psi
4	4,917'	4,918'	3	0 34	2/26/2013	Formation:	D2	D1	DS3		
	4,974'	4,976'	3	0 34	2/26/2013	20/40 White:	117,860	lbs	15% HCl:	504	gals
	5,023'	5,026'	3	0 34	2/26/2013	Pad:	2,037	gals	Treating Fluid:	26,172	gals
						Flush:	4,876	gals	Load to Recover:	33,589	gals
						ISIP=	0 833	psi/ft	Max STP:	3,638	psi
3	5,150'	5,152'	3	0 34	2/26/2013	Formation:	B1	Csand			
	5,239'	5,242'	3	0 34	2/26/2013	20/40 White:	52,394	lbs	15% HCl:	504	gals
						Pad:	1,911	gals	Treating Fluid:	11,076	gals
						Flush:	5,124	gals	Load to Recover:	18,615	gals
						ISIP=	0 971	psi/ft	Max STP:	3,694	psi
2	5,440'	5,442'	3	0 34	2/26/2013	Formation:	A3				
	5,452'	5,454'	3	0 34	2/26/2013	20/40 White:	71,068	lbs	15% HCl:	504	gals
						Pad:	1,877	gals	Treating Fluid:	15,725	gals
						Flush:	5,426	gals	Load to Recover:	23,532	gals
						ISIP=	0 895	psi/ft	Max STP:	3,614	psi
1	5,900'	5,902'	3	0 34	2/26/2013	Formation:	CP3	CP1			
	5,914'	5,916'	3	0 34	2/26/2013	20/40 White:	93,347	lbs	15% HCl:	756	gals
	5,926'	5,928'	3	0 34	2/26/2013	Pad:	2,944	gals	Treating Fluid:	20,538	gals
	5,993'	5,994'	3	0 34	2/26/2013	Flush:	5,813	gals	Load to Recover:	29,799	gals
						ISIP=	0 941	psi/ft	Max STP:	3,842	psi

CEMENT

Surf	On 1/21/13 Baker cemented 8 5/8" casing w/ 160 sks Class "G" + 2% KCl + 0 25#/sk Cello Flake at 15 8 ppg w/ 1 17 yield and returned 4 bbls to the pit
Prod	On 2/9/13 Halliburton pumped 290 sks lead @ 11 ppg w/ 3 53 yield plus 460 sks tail @ 14 4 ppg w/ 1 24 yield Returned 37 bbls to the pit TOC @ 667'



8-5/8"Shoe @ 324'

EOT @ 6070'; TA @ 5972'

5-1/2"Shoe @ 6513'

PBTD @ 6466'

TVD @ 6380'

BHST = 190°F

NEWFIELD

GMBU I-8-9-16

Monument Butte - Duchesne County, Utah, USA

Surface Legal Location: SE/NE - Sec 8, T9S, R16E; 2103' FNL & 515' FEL

Elevation: 5862' GL + 10' KB

API#: 43-013-51138; Lease#: UTU-79833

Paul Lembcke

DLB 5/2/13

Spud Date: 1/16/13; PoP Date: 3/6/2013

CASING DETAIL

Casing	Top	Bottom	Size	Wt	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
Surf	10'	323'	8.625	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250
Prod	10'	6,592'	5.500	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875

TBG. DETAIL

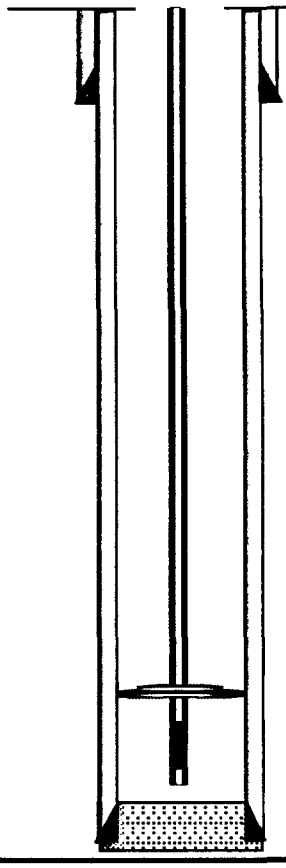
Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger
10'	5,992'	8EUE	2-7/8"	6.5#	J-55	2.347"	7,260	7,680	2.441"	Tubing Anchor Set @ 5,893'

ROD DETAIL

Component	Top	Bottom	Size	Grade	Length	Count	Pump
Polish Rod	0'	30'	1 1/2"	C(API)	30	1	Insert Pump 2.5 Max ID x 1.75 Plunger RTBC @ 5,905'
4per Guided Rod	30'	1,830'	7/8"	Tenaris D78	1800	72	
4per Guided Rod	1,830'	5,155'	3/4"	Tenaris D78	3325	133	
8per Guided Rod	5,155'	5,905'	7/8"	Tenaris D78	750	30	

Frac Summary

Stage	Top	Bottom	SPF	EHD	Date					
5	4,420'	4,422'	3	0.34	2/25/2013	Formation:	GB6	GB4		
	4,493'	4,494'	3	0.34	2/25/2013	20/40 White:	59,287 lbs		15% HCl:	0 gals
	4,502'	4,504'	3	0.34	2/25/2013	Pad:	1,877 gals		Treating Fluid:	13,687 gals
	4,516'	4,518'	3	0.34	2/25/2013	Flush:	4,439 gals		Load to Recover:	20,004 gals
						ISIP=	0.901 psi/ft		Max STP:	3,193 psi
4	4,946'	4,948'	3	0.34	2/25/2013	Formation:	D1	DS3		
	4,979'	4,980'	3	0.34	2/25/2013	20/40 White:	84,153 lbs		15% HCl:	500 gals
	4,988'	4,990'	3	0.34	2/25/2013	Pad:	1,772 gals		Treating Fluid:	18,590 gals
	4,998'	5,000'	3	0.34	2/25/2013	Flush:	5,011 gals		Load to Recover:	25,873 gals
						ISIP=	0.862 psi/ft		Max STP:	3,171 psi
3	5,166'	5,168'	3	0.34	2/25/2013	Formation:	B1	C Sand		
	5,236'	5,238'	3	0.34	2/25/2013	20/40 White:	58,477 lbs		15% HCl:	500 gals
	5,254'	5,256'	3	0.34	2/25/2013	Pad:	1,890 gals		Treating Fluid:	13,124 gals
						Flush:	5,099 gals		Load to Recover:	20,612 gals
						ISIP=	0.838 psi/ft		Max STP:	3,243 psi
2	5,448'	5,450'	3	0.34	2/25/2013	Formation:	A3			
	5,460'	5,462'	3	0.34	2/25/2013	20/40 White:	41,103 lbs		15% HCl:	500 gals
						Pad:	1,693 gals		Treating Fluid:	9,129 gals
						Flush:	5,401 gals		Load to Recover:	16,722 gals
						ISIP=	0.864 psi/ft		Max STP:	4,716 psi
1	5,898'	5,900'	3	0.34	2/25/2013	Formation:	CP Half			
						20/40 White:	18,627 lbs		15% HCl:	752 gals
						Pad:	9,538 gals		Treating Fluid:	3,990 gals
						Flush:	5,804 gals		Load to Recover:	19,833 gals
						ISIP=	0.780 psi/ft		Max STP:	3,849 psi



8-5/8"Shoe @ 323'

EOT @ 5992'; TA @ 5893'

5-1/2"Shoe @ 6592'

PBTD @ 6547'

TVD @ 6399'

BHST = 190°F

CEMENT

Surf	On 1/21/13 Baker cemented 8 5/8" casing w/ 160 sks Class "G" + 2% KCl + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield and returned 4 bbls to the pit
Prod	On 2/6/13 Halliburton pumped 290 sks lead @ 11 ppg w/ 2.71 yield plus 460 sks tail @ 14.4 ppg w/ 1.21 yield. Returned 35 bbls to the pit. TOC @ 990'

ATTACHMENT F

1 of 4

Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

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Units of Measurement: **Standard**

Water Analysis Report

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

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

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

Sample Specifics	
Test Date:	12/5/2012
System Temperature 1 (°F):	120.00
System Pressure 1 (psig):	60.0000
System Temperature 2 (°F):	210.00
System Pressure 2 (psig):	60.0000
Calculated Density (g/ml):	0.999
pH:	6.80
Calculated TDS (mg/L):	2304.49
CO2 in Gas (%):	
Dissolved CO_2 (mg/L)):	15.00
H_2S in Gas (%):	
H2S in Water (mg/L):	2.50

Analysis @ Properties in Sample Specifics			
Cations	*mg/L*	*Anions*	*mg/L*
Sodium (Na):	734.93	Chloride (Cl):	1000.00
Potassium (K):	11.00	Sulfate (SO_4):	120.00
Magnesium (Mg):	26.00	Bicarbonate (HCO_3):	366.00
Calcium (Ca):	46.20	Carbonate (CO_3):	
Strontium (Sr):		Acetic Acid (CH_3COO)	
Barium (Ba):	0.17	Propionic Acid (C_2H_5COO)	
Iron (Fe):	0.13	Butanoic Acid (C_3H_7COO)	
Zinc (Zn):	0.02	Isobutyric Acid ($(CH_3)_2CHCOO$)	
Lead (Pb):	0.00	Fluoride (F):	
Ammonia NH_3:		Bromine (Br):	
Manganese (Mn):	0.04	Silica (SiO_2):	

Notes:
9:30

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum $CaSO_4 \cdot 2H_2O$		Celestite $SrSO_4$		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.28	10.64	0.00	0.00	0.20	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.28	0.01
200.00	60.00	0.19	7.48	0.00	0.00	0.13	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.31	0.01
190.00	60.00	0.11	4.25	0.00	0.00	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.35	0.01
180.00	60.00	0.02	0.97	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.39	0.01
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.44	0.01
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.50	0.01
150.00	60.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.56	0.01
140.00	60.00	0.00	0.00	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.64	0.01
130.00	60.00	0.00	0.00	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.72	0.01
120.00	60.00	0.00	0.00	0.15	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.80	0.01

ATTACHMENT F
2 of 4

Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

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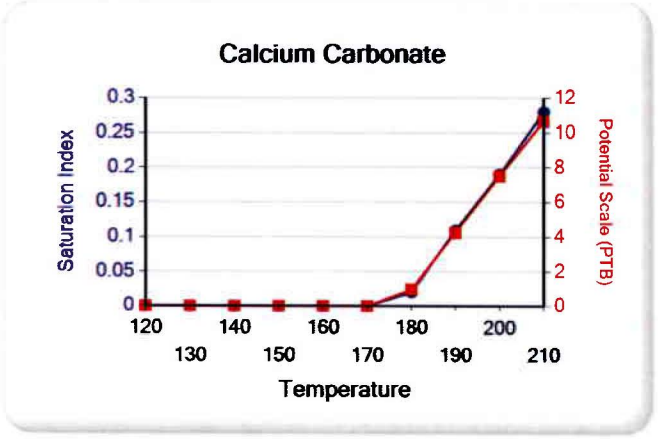
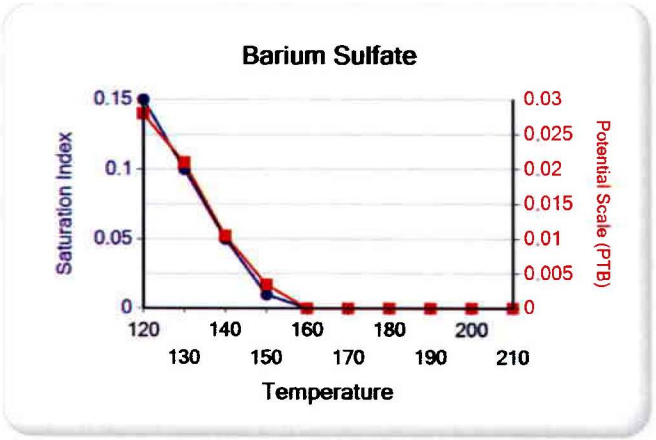
Water Analysis Report

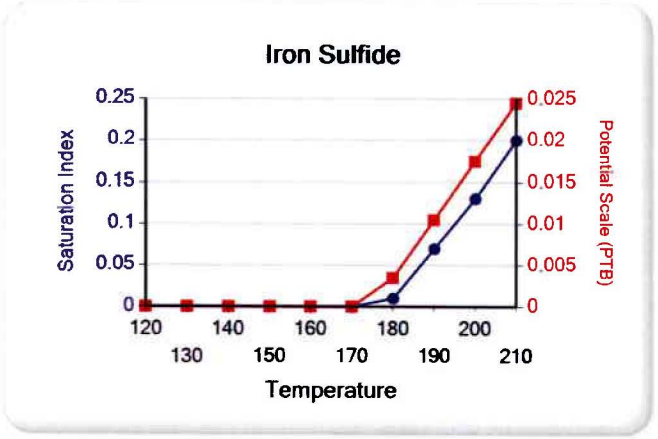
		Hemihydrate CaSO4~0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00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

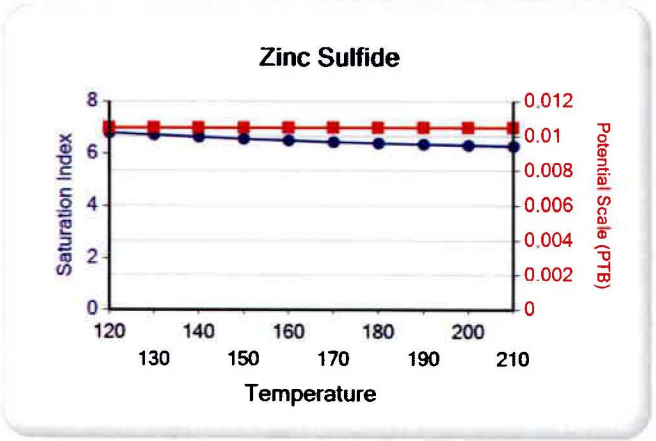
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Sulfide Zinc Sulfide

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









Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

ATTACHMENT F
3 of 4

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Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
Well Name: **FEDERAL 10-8-9-16**
Sample Point: **Treater**
Sample Date: **1/23/2013**
Sample ID: **WA-232853**

Sales Rep: **Michael McBride**
Lab Tech: **Layne Wilkerson**

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

Sample Specifics	
Test Date:	2/1/2013
System Temperature 1 (°F):	120.00
System Pressure 1 (psig):	60.0000
System Temperature 2 (°F):	210.00
System Pressure 2 (psig):	60.0000
Calculated Density (g/ml):	1.008
pH:	8.50
Calculated TDS (mg/L):	16146.24
CO2 in Gas (%):	
Dissolved CO_2 (mg/L):	0.00
H_2S in Gas (%):	
H2S in Water (mg/L):	0.00

Analysis @ Properties in Sample Specifics			
Cations	*mg/L*	*Anions*	*mg/L*
Sodium (Na):	6157.67	Chloride (Cl):	9000.00
Potassium (K):	37.00	Sulfate (SO_4):	10.00
Magnesium (Mg):	0.40	Bicarbonate (HCO_3):	927.20
Calcium (Ca):	2.00	Carbonate (CO_3):	
Strontium (Sr):		Acetic Acid (CH_3COO)	
Barium (Ba):	4.20	Propionic Acid (C_2H_5COO)	
Iron (Fe):	7.60	Butanoic Acid (C_3H_7COO)	
Zinc (Zn):	0.05	Isobutyric Acid ($(CH_3)_2CHCOO$)	
Lead (Pb):	0.02	Fluoride (F):	
Ammonia NH_3:		Bromine (Br):	
Manganese (Mn):	0.10	Silica (SiO_2):	

Notes:

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.28	0.80	0.00	0.00	0.00	0.00	2.84	5.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	60.00	0.23	0.70	0.00	0.00	0.00	0.00	2.80	5.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	60.00	0.19	0.60	0.00	0.00	0.00	0.00	2.75	5.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	60.00	0.15	0.48	0.00	0.00	0.00	0.00	2.71	5.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	0.11	0.36	0.00	0.00	0.00	0.00	2.66	5.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.07	0.24	0.00	0.00	0.00	0.00	2.61	5.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	60.00	0.03	0.11	0.00	0.00	0.00	0.00	2.56	5.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.51	5.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.46	5.50	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	2.41	5.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

		Hemihydrate CaSO4~0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.55	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

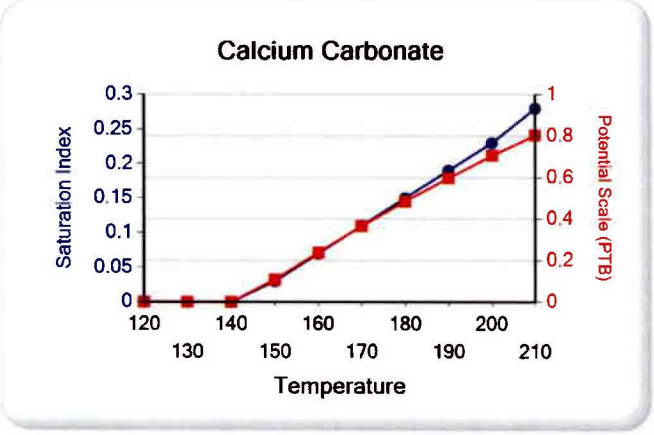
ATTACHMENT F
4 of 4

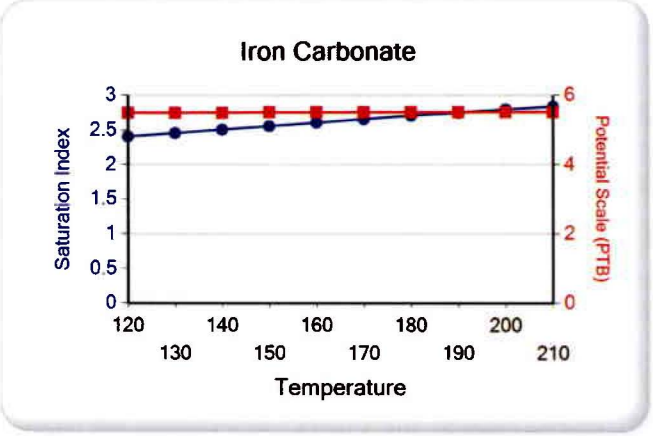
multi-chem®
A HALLIBURTON SERVICE

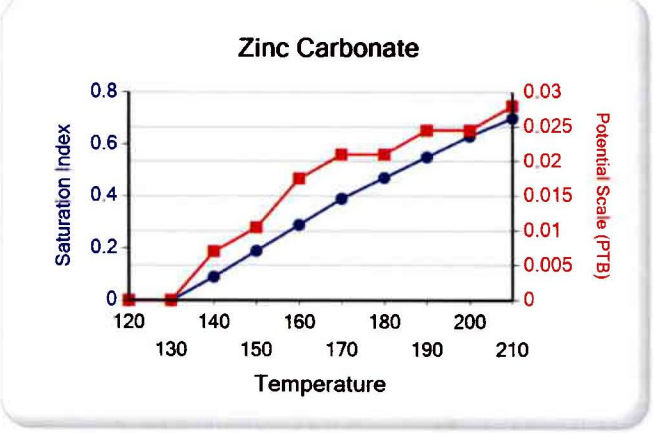
Water Analysis Report

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: Iron Carbonate







Attachment "G"

Federal #10-8-9-16
Proposed Maximum Injection Pressure

Frac Interval (feet) Top	Bottom	Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax	
5689	5705	5697	1865	0.76	1828	
5227	5242	5235	2700	0.95	2666	
5039	4948	4994	1750	0.78	1717	
4787	4792	4790	1740	0.80	1709	←
4318	4295	4307	2025	0.90	1997	
4220	4227	4224	2030	0.91	2003	
				Minimum	1709	

Calculation of Maximum Surface Injection Pressure
Pmax = (Frac Grad -(0.433*1.015)) x Depth of Top Perf
where pressure gradient for the fresh water is .433 psi/ft and
specific gravity of the injected water is 1.015.

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

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

NEWFIELD

ATTACHMENT G-1
1 of 10

DAILY COMPLETION REPORT

WELL NAME: Federal 10-8-9-16 **Report Date:** 3-8-07 **Day:** 01

Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 302' **Prod Csg:** 5-1/2" @ 6178' **Csg PBTD:** 6091'WL

Tbg: **Size:** **Wt:** **Grd:** **Pkr/EOT @:** **BP/Sand PBTD:**

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP1 sds	5689-5705'	4/64

CHRONOLOGICAL OPERATIONS

Date Work Performed: 07-Mar-07 **SITP:** **SICP:** 0

Instal 5K frac head. NU 6" 5K 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 @ 6091' & cement top @ 48'. Perforate stage #1, CP1 sds @ 5689-5705' w/ 3-1/8" Slick Guns (23 gram, .49"HE. 120) w/ 4 spf for total of 64 shots. 145 bbls EWTR. SIFN.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 145 **Starting oil rec to date:**

Fluid lost/recovered today: 0 **Oil lost/recovered today:**

Ending fluid to be recovered: 145 **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:

Max TP: **Max Rate:** **Total fluid pmpd:**

Avg TP: **Avg Rate:** **Total Prop pmpd:**

ISIP: **5 min:** **10 min:** **FG:**

Completion Supervisor: Ron Shuck

COSTS

Weatherford BOP	
NPC NU crew	
NDSI trucking	
Perforators LLC	
Drilling cost	
Zubiate Hot oil	
Location preparation	
NPC wellhead	
Benco - anchors	
Admin. Overhead	
NPC Supervisor	
DAILY COST:	$0
TOTAL WELL COST:	

NEWFIELD

ATTACHMENT G-1
2 of 10

DAILY COMPLETION REPORT

WELL NAME: Federal 10-8-9-16 **Report Date:** 3-15-07 **Day:** 2a

Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 302' Prod Csg: 5-1/2" @ 6178' Csg PBTD: 6091'WL

Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP1 sds	5689-5705'	4/64

CHRONOLOGICAL OPERATIONS

Date Work Performed: 14-Mar-07 **SITP:** **SICP:** 9 psi

Day 2a.
RU BJ Services. 9 psi on well. Frac CP1 sds w/ 70,351#'s of 20/40 sand in 534 bbls of Lightning 17 fluid. Broke @ 3090 psi. Treated w/ ave pressure of 1715 psi @ ave rate of 25.3 BPM. Pumped 504 gals of 15% HCL in flush fo Stage #2. ISIP 1865 psi. Leave pressure on well. 679 BWTR. See Day 2b.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	145	Starting oil rec to date:	
Fluid lost/recovered today:	534	Oil lost/recovered today:	
Ending fluid to be recovered:	679	Cum oil recovered:	

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: CP1 sands

5400 gals of pad

3625 gals W/ 1-5 ppg of 20/40 sand

7250 gals W/ 5-8 ppg of 20/40 sand

479 gals W/ 8 ppg of 20/40 sand

Flush W/ 504 gals of 15% HCL acid

Flush W/ 5166 gals of slick water

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

Max TP: 2141 Max Rate: 25.6 BPM Total fluid pmpd: 534 bbls

Avg TP: 1715 Avg Rate: 25.3 BPM Total Prop pmpd: 70,351#'s

ISIP: 1865 5 min: 10 min: FG: .76

Completion Supervisor: Orson Barney

COSTS

BJ Services-CP1	
CD wtr & trucking	
NPC fuel gas	
Weatherford tools/serv	
NPC trucking	
NPC Supervisor	
DAILY COST:	$0
TOTAL WELL COST:	$0

NEWFIELD

ATTACHMENT G-1
3 of 10

DAILY COMPLETION REPORT

WELL NAME: Federal 10-8-9-16 **Report Date:** 3-15-07 **Day:** 2b

Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 302' **Prod Csg:** 5-1/2" @ 6178' **Csg PBTD:** 6091'WL

Tbg: **Size:** **Wt:** **Grd:** **Pkr/EOT @:** **BP/Sand PBTD:** 5140'

BP: 5350'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			A1 sds	5227-5242'	4/60
			CP1 sds	5689-5705'	4/64
C sds	4948-4954'	4/24			
C sds	4987-4991'	4/16			
B1 sds	5032-5039'	4/28			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 14-Mar-07 **SITP:** **SICP:** 1378 psi

Day 2b. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 15' perf gun. Se plug @ 5350'. Perforate A1 sds @ 5227- 5242' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 SPF for total of 60 shots. RU B. Services. 1378 psi on well. Pressured up to 4200 psi, Would not breakdown. RU Lone Wolf WL & dump bail acid. RU BJ Service Frac A1 sds w/ 70,779#'s of 20/40 sand in 576 bbls of Lightning 17 fluid. Broke @ 4076 psi. Treated w/ ave pressure of 1820 psi @ ave rate of 25.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2700 psi. RU Lone Wolf WLT, crane & lubricator RIH w/ 5-1/2" Weatherford composite flow through plug, 7', 4' & 6' perf gun. Set plug @ 5140'. Perforate B1 sds @ 5032- 5039', C sds @ 4987- 4991' & 4948- 4954' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 SPF for total of 78 shots. Leave pressure or well. 1255 BWTR.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	679	**Starting oil rec to date:**	
Fluid lost/recovered today:	576	**Oil lost/recovered today:**	
Ending fluid to be recovered:	1255	**Cum oil recovered:**	

IFL: **FFL:** **FTP:** **Choke:** **Final Fluid Rate:** **Final oil cut:**

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac

Company: BJ Services

Procedure or Equipment detail: A1 sands

5400 gals of pad

3625 gals W/ 1-5 ppg of 20/40 sand

7250 gals W/ 5-8 ppg of 20/40 sand

2650 gals W/ 8 ppg of 20/40 sand

Flush W/ 504 gals of 15% HCL acid

Flush W/ 4746 gals of slick water

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

Max TP: 2043 **Max Rate:** 25.5 BPM **Total fluid pmpd:** 576 bbls

Avg TP: 1820 **Avg Rate:** 25.3 BPM **Total Prop pmpd:** 70,779#'s

ISIP: 2700 **5 min:** **10 min:** **FG:** .95

Completion Supervisor: Orson Barney

COSTS

BJ Services-A1	
CD wtr & trucking	
NPC fuel gas	
Weatherford tools/serv	
Lone Wolf WL-A1	
NPC Supervisor	
Lone Wolf WL-B1&C	
DAILY COST:	$0
TOTAL WELL COST:	$0

NEWFIELD

ATTACHMENT G-1
4 of 10

DAILY COMPLETION REPORT

WELL NAME: Federal 10-8-9-16 **Report Date:** 3-16-07 **Day:** 3a

Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 302' Prod Csg: 5-1/2" @ 6178' Csg PBTD: 6091'WL

Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 5140'

BP: 5350'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			A1 sds	5227-5242'	4/60
			CP1 sds	5689-5705'	4/64
C sds	4948-4954'	4/24			
C sds	4987-4991'	4/16			
B1 sds	5032-5039'	4/28			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 15-Mar-07 **SITP:** **SICP:** 720 psi

Day 3a.

RU BJ Service. 720 psi on well. Frac C & B1 sds w/ 60,246#'s of 20/40 sand in 479 bbls of Lightning 17 fluid Broke @ 3088 psi. Treated w/ ave pressure of 1637 psi @ ave rate of 25.2 BPM. Pumped 504 gals of 15% HCL ir flush for Stage #4. ISIP 1750 psi. Leave pressure on well. 1734 BWTR. Day 3b.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 1255 Starting oil rec to date:

Fluid lost/recovered today: 479 Oil lost/recovered today:

Ending fluid to be recovered: 1734 Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: C & B1 sands

4600 gals of pad

3000 gals W/ 1-5 ppg of 20/40 sand

6000 gals W/ 5-8 ppg of 20/40 sand

1549 gals W/ 8 ppg of 20/40 sand

Flush W/ 504 gals of 15% HCL acid

Flush W/ 4444 gals of slick water

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

Max TP: 1972 Max Rate: 25.5 BPM Total fluid pmpd: 479 bbls

Avg TP: 1637 Avg Rate: 25.2 BPM Total Prop pmpd: 60,246#'s

ISIP: 1750 5 min: 10 min: FG: .78

Completion Supervisor: Orson Barney

COSTS

BJ Services-C & B1	
CD wtr & trucking	
NPC fuel gas	
Weatherford tools/serv	
NPC Supervisor	
DAILY COST:	$0
TOTAL WELL COST:	$0

NEWFIELD

ATTACHMENT G-1
5 of 10

DAILY COMPLETION REPORT

WELL NAME: Federal 10-8-9-16 **Report Date:** 3-16-07 **Day:** 3b

Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 302' **Prod Csg:** 5-1/2" @ 6178' **Csg PBTD:** 6091'WL

Tbg: Size: Wt: Grd: Pkr/EOT @: **BP/Sand PBTD:** 4890'

BP: 5140', 5350'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			A1 sds	5227-5242'	4/60
			CP1 sds	5689-5705'	4/64
D1 sds	4787-4792'	4/20			
C sds	4948-4954'	4/24			
C sds	4987-4991'	4/16			
B1 sds	5032-5039'	4/28			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 15-Mar-07 **SITP:** **SICP:** 1337 psi

Day 3b.
RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 5' perf gun. Se plug @ 4890'. Perforate D1 sds @ 4787- 4792' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 SPF for total of 2C shots. RU BJ Services. 1337 psi on well. Pressured up to 4200 psi, Would not breakdown. RU Lone Wolf WL & dump bail acid. RU BJ Service. 1150 psi on well. Frac D1 sds w/ 14,960#'s of 20/40 sand in 232 bbls of Lightning 17 fluid. Broke @ 3598 psi. Treated w/ ave pressure of 1909 psi @ ave rate of 25.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 1740 psi. Leave pressure on well. 1966 BWTR. See Day 3b.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 1734 **Starting oil rec to date:**

Fluid lost/recovered today: 232 **Oil lost/recovered today:**

Ending fluid to be recovered: 1966 **Cum oil recovered:**

IFL: **FFL:** **FTP:** **Choke:** **Final Fluid Rate:** **Final oil cut:**

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac

Company: BJ Services

Procedure or Equipment detail: D1 sands

420 gals to breakdown & get crosslink.
1500 gals of pad
1149 gals W/ 1-4 ppg of 20/40 sand
2326 gals W/ 4-6.5 ppg of 20/40 sand
Flush W/ 504 gals of 15% HCL acid
Flush W/ 4240 gals of slick water

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

Max TP: 2069 **Max Rate:** 25.5 BPM **Total fluid pmpd:** 232 bbls

Avg TP: 1909 **Avg Rate:** 25.3 BPM **Total Prop pmpd:** 14,960#'s

ISIP: 1740 **5 min:** **10 min:** **FG:** .80

Completion Supervisor: Orson Barney

COSTS

BJ Services-D1	
CD wtr & trucking	
NPC fuel gas	
Weatherford tools/serv	
Lone Wolf WL	
NPC Supervisor	
DAILY COST:	$0
TOTAL WELL COST:	$0

NEWFIELD

ATTACHMENT G-1
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DAILY COMPLETION REPORT

WELL NAME: Federal 10-8-9-16 **Report Date:** 3-16-07 **Day:** 3c

Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 302' **Prod Csg:** 5-1/2" @ 6178' **Csg PBTD:** 6091'WL

Tbg: **Size:** **Wt:** **Grd:** **Pkr/EOT @:** **BP/Sand PBTD:** 4420'

BP: 4890', 5140', 5350'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			A1 sds	5227-5242'	4/60
GB6 sds	4295-4301'	4/24	CP1 sds	5689-5705'	4/64
GB6 sds	4310-4318'	4/32			
D1 sds	4787-4792'	4/20			
C sds	4948-4954'	4/24			
C sds	4987-4991'	4/16			
B1 sds	5032-5039'	4/28			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 15-Mar-07 **SITP:** **SICP:** 1293 psi

Day 3c.
RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug, 8' & 6' perf gun Set plug @ 4420'. Perforate GB6 sds @ 4310- 4318', 4295-4301' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 SPF for total of 56 shots. RU BJ Services. 1293 psi on well. Frac GB6 sds w/ 40,023#'s of 20/40 sand in 358 bbls o Lightning 17 fluid. Broke @ 2473 psi. Treated w/ ave pressure of 1617 psi @ ave rate of 14.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISIP 2025 psi. Leave pressure on well. 2324 BWTR. See Day 3d.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 1966 **Starting oil rec to date:**

Fluid lost/recovered today: 358 **Oil lost/recovered today:**

Ending fluid to be recovered: 2324 **Cum oil recovered:**

IFL: **FFL:** **FTP:** **Choke:** **Final Fluid Rate:** **Final oil cut:**

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac

Company: BJ Services

Procedure or Equipment detail: GB6 sands

3200 gals of pad

2500 gals W/ 1-5 ppg of 20/40 sand

4989 gals W/ 5-8 ppg of 20/40 sand

Flush W/ 504 gals of 15% HCL acid

Flush W/ 3822 gals of slick water

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

Max TP: 1802 **Max Rate:** 14.8 BPM **Total fluid pmpd:** 358 bbls

Avg TP: 1617 **Avg Rate:** 14.7 BPM **Total Prop pmpd:** 40,023#'s

ISIP: 2025 **5 min:** **10 min:** **FG:** .90

Completion Supervisor: Orson Barney

COSTS

BJ Services-GB6	
CD wtr & trucking	
NPC fuel gas	
Weatherford tools/serv	
Lone Wolf WL	
NPC Supervisor	
DAILY COST:	$0
TOTAL WELL COST:	$0

NEWFIELD

ATTACHMENT G-1
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DAILY COMPLETION REPORT

WELL NAME: Federal 10-8-9-16 **Report Date:** 3-16-07 **Day:** 3d

Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 302' Prod Csg: 5-1/2" @ 6178' Csg PBTD: 6091'WL

Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 4260'

BP: 4420', 4890', 5140', 5350'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4220-4227'	4/28	A1 sds	5227-5242'	4/60
GB6 sds	4295-4301'	4/24	CP1 sds	5689-5705'	4/64
GB6 sds	4310-4318'	4/32			
D1 sds	4787-4792'	4/20			
C sds	4948-4954'	4/24			
C sds	4987-4991'	4/16			
B1 sds	5032-5039'	4/28			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 15-Mar-07 **SITP:** **SICP:** 1568 psi

Day 3d.
RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 7' perf gun. Se plug @ 4260'. Perforate GB4 sds @ 4220- 4227' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 SPF for total of 28 shots. RU BJ Services. 1568 psi on well. Frac GB4 sds w/ 23,024#'s of 20/40 sand in 251 bbls of Lightning 17 fluid Broke @ 3700 psi. Treated w/ ave pressure of 2030 psi @ ave rate of 25.2 BPM. ISIP 2030 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 4 hrs & died. Rec. 245 BTF. SIWFN w/ 2330 BWTR.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	2324	Starting oil rec to date:	
Fluid lost/recovered today:	6	Oil lost/recovered today:	
Ending fluid to be recovered:	2330	Cum oil recovered:	

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac

Company: BJ Services

Procedure or Equipment detail: GB4 sands

2000 gals of pad
1569 gals W/ 1-5 ppg of 20/40 sand
2853 gals W/ 5-8 ppg of 20/40 sand
Flush W/ 4116 gals of slick water

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

Max TP: 2289 Max Rate: 25.5 BPM Total fluid pmpd: 251 bls

Avg TP: 2030 Avg Rate: 25.2 BPM Total Prop pmpd: 23,024#'s

ISIP: 2030 5 min: 10 min: FG: .91

Completion Supervisor: Orson Barney

COSTS

BJ Services-GB4	
CD wtr & trucking	
NPC fuel gas	
Weatherford tools/serv	
Lone Wolf WL	
NPC Supervisor	
NPC flowback hand	
NPC sfc equipment	
Monks pit reclaim	
Boren welding/labor	
NDSI wtr disposal	
Unichem chemicals	
Mt West sanitation	
DAILY COST:	$0
TOTAL WELL COST:	$0

NEWFIELD

ATTACHMENT G-1
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DAILY COMPLETION REPORT

WELL NAME: Federal 10-8-9-16 **Report Date:** 3-19-07 **Day:** 4

Operation: Completion **Rig:** Western #3

WELL STATUS

Surf Csg: 8-5/8' @ 302' Prod Csg: 5-1/2" @ 6178' Csg PBTD: 6091'WL

Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 5153' BP/Sand PBTD: 5350'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4220-4227'	4/28	A1 sds	5227-5242'	4/60
GB6 sds	4295-4301'	4/24	CP1 sds	5689-5705'	4/64
GB6 sds	4310-4318'	4/32			
D1 sds	4787-4792'	4/20			
C sds	4948-4954'	4/24			
C sds	4987-4991'	4/16			
B1 sds	5032-5039'	4/28			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 16-Mar-07 **SITP:** **SICP:** 410 psi

MIRU Western #4. 410 psi on well. Flowback 20 bbls of wtr to pit, Well died. ND Cameron BOP & 5M WH. NU 3M WH & Schaffer BOP. Talley, PU & RIH w/ 4 3/4" chomp bit, Bit sub & 2 7/8" J-55 tbg. Tagged sand @ 4250'. RU Nabors power swivel. Clean out sand & drill up plugs as follows: Sand @ 4250', Plug @ 4260 drilled up in 30 mins Sand @ 4330', Plug @ 4420' drilled up in 30 mins. Sand @ 4799', Plug @ 4890' drilled up in 30 mins. Sand @ 5034' Plug @ 5140' drilled up in 30 mins. Circulate well clean. EOT @ 5153'. Recovered a total of 45 bbls of fluid toady SIWFN w/ 2285 BWTR.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	2330	Starting oil rec to date:	
Fluid lost/recovered today:	45	Oil lost/recovered today:	
Ending fluid to be recovered:	2285	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:

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

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: FG:

Completion Supervisor: Orson Barney

COSTS

Western Rig #3	
Weatherford BOP	
B&L J-55 tbg	
NDSI trucking	
Nabors power swivel	
NPC wtr & trucking	
NPC location cleanup	
Weatherford Circ rubber	
CDI TA	
CD SN	
DAILY COST:	$0
TOTAL WELL COST:	$0

NEWFIELD

ATTACHMENT G-1
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DAILY COMPLETION REPORT

WELL NAME: Federal 10-8-9-16 **Report Date:** 3-20-07 **Day:** 5

Operation: Completion **Rig:** Western #3

WELL STATUS

Surf Csg:	8-5/8'	@	302'	Prod Csg:	5-1/2"	@	6178'	Csg PBTD:	6132'
Tbg:	Size:	2 7/8"	Wt: 6.5#	Grd:	J-55	Pkr/EOT @:	4217'	BP/Sand PBTD:	6132'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4220-4227'	4/28	A1 sds	5227-5242'	4/60
GB6 sds	4295-4301'	4/24	CP1 sds	5689-5705'	4/64
GB6 sds	4310-4318'	4/32			
D1 sds	4787-4792'	4/20			
C sds	4948-4954'	4/24			
C sds	4987-4991'	4/16			
B1 sds	5032-5039'	4/28			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 19-Mar-07 **SITP:** **SICP:**

TIH w/ tbg. Tagged sand @ 5260'. Clean out to plug. Drill out plug @ 5350' (35 mins). TIH w/ tbg. Tagged sand @ 5889'. Clean out to PBTD @ 6132'. Circulate clean. RD power swivel. LD 2 jts of tbg. RU swab equipment. IFL @ sfc. Made 13 swab runs. Recovered 130 BTF. No sand, Trace of oil. RD swab equip. TIH w/ tbg. Tagged fill @ 6117'. C/O 15' of fill to PBTD @ 6132', Lost a total of 65 BW. LD extra tbg. TOH w/ tbg. EOT @ 4217'. SIWFN w/ 2220 BWTR.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	2285	Starting oil rec to date:	
Fluid lost/recovered today:	65	Oil lost/recovered today:	
Ending fluid to be recovered:	2220	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:

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

Max TP: **Max Rate:** **Total fluid pmpd:**

Avg TP: **Avg Rate:** **Total Prop pmpd:**

ISIP: **5 min:** **10 min:** **FG:**

Completion Supervisor: Orson Barney

COSTS

Western Rig #3	
Weatherford BOP	
Nabors power swivel	
CDI rod pump	
NPC supervisor	
DAILY COST:	$0
TOTAL WELL COST:	$0

NEWFIELD

ATTACHMENT G-1
10 of 10

DAILY COMPLETION REPORT

WELL NAME: Federal 10-8-9-16 **Report Date:** 3-21-07 **Day:** 6

Operation: Completion **Rig:** Western #3

WELL STATUS

Surf Csg:	8-5/8'	@	302'	Prod Csg:	5-1/2"	@	6178'	Csg PBTD:	6132'
Tbg:	Size:	2 7/8"	Wt: 6.5#	Grd:	J-55	Pkr/EOT @:	5791'	BP/Sand PBTD:	6132'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4220-4227'	4/28	A1 sds	5227-5242'	4/60
GB6 sds	4295-4301'	4/24	CP1 sds	5689-5705'	4/64
GB6 sds	4310-4318'	4/32			
D1 sds	4787-4792'	4/20			
C sds	4948-4954'	4/24			
C sds	4987-4991'	4/16			
B1 sds	5032-5039'	4/28			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 20-Mar-07 **SITP:** **SICP:**

TOH w/ tbg. LD bit & bit sub. TIH w/ production tbg as follows: NC, 2-jts, SN, 2-jt, TA & 181-jts of 2 7/8 J-55 tbg. NC BOP. Set TA w/ 16,000#'s tension @ 5650.67', SN @ 5728.64', EOT @ 5790.58'. NU WH. PU & RIH w/ pump & A grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 14' RHAC pump, 6-1 1/2" weight rods, 10-3/4" scrapered rods 113-3/4" plain rods, 100-3/4" scrapered rods, 1-8', 1-4' X 3/4" pony rods and 1 1/2" X 22' polished rod. Seat pump & RU pumping unit. Fill tbg w/ 3 bbls. Pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. POP @ 4:00 PM w/ 86" SL @ 5 SPM. 2223 BWTR.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered:	2220	Starting oil rec to date:	
Fluid lost/recovered today:	3	Oil lost/recovered today:	
Ending fluid to be recovered:	2223	Cum oil recovered:	

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

	TUBING DETAIL	ROD DETAIL	COSTS	
			Western Rig #3	
KB	12.00'	1 1/2" X 22' polished rod	Weatherford BOP	
181	2 7/8 J-55 tbg (5650.67')	1-8',1-4' X 3/4" ponies	"A" grade rod string	
	TA (2.80' @ 5662.67' KB)	100-3/4" scrapered rods	NPC swb tnk (1X 4dys)	
2	2 7/8 J-55 tbg (63.17')	113-3/4" plain rods	NPC supervisor	
	SN (1.10' @ 5728.64' KB)	10-3/4" scrapered rods	NPC frac tnk 7 X 5dys	
2	2 7/8 J-55 tbg (60.39')	6-1 1/2" weight rods	Zubiate hot oil	
	2 7/8 NC (.45')	CDI 2 1/2' X 1 1/2" X 14'		
EOT	5790.58' W/ 12' KB	RHAC pump W/ SM plunger		
			DAILY COST:	$0
			TOTAL WELL COST:	$0

Completion Supervisor: Orson Barney

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1.		Set CIBP @ 4170'
2.	Plug #1	Set 100' plug on top of CIBP using 12 sx Class "G" cement
3.	Plug #2	185' 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 352'

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

Attachment H-1

FEDERAL 10-8-9-16

Spud Date: 1/10/07
Put on Production: 03/20/07
GL: 5883' KB: 5895'

Initial Production: BOPD, MCFD, BWPD

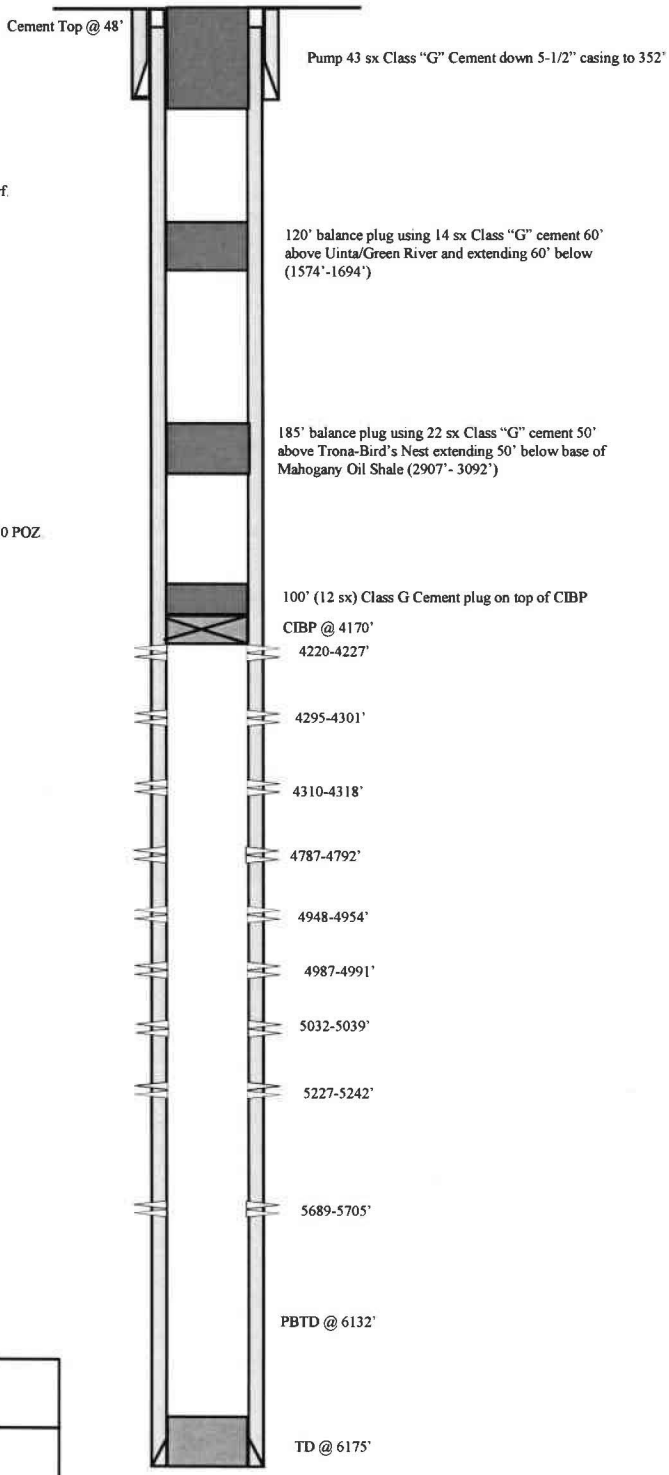
Proposed P & A
Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (291.07')
DEPTH LANDED: 302.92' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 140 jts. (6164.87')
DEPTH LANDED: 6178.12' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 48'



NEWFIELD

FEDERAL 10-8-9-16

1837'FSL & 1994' FEL
NW/SE Section 8-T9S-R16E
Duchesne Co, Utah
API #43-013-33059; Lease # UTU-64379

JL 1/31/2013

Sundry Number: 75154 API Well Number: 43013330590000

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

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 10-8-9-16

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
43013330590000

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:
1837 FSL 1994 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWSE Section: 08 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		
✓ NOTICE OF INTENT Approximate date work will start: 10/10/2016	✓ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Injection Isolation

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

See attached procedure.

Approved by the
Utah Division of
Oil, Gas and Mining
October 18, 2016

Date:

By: Dark Quist

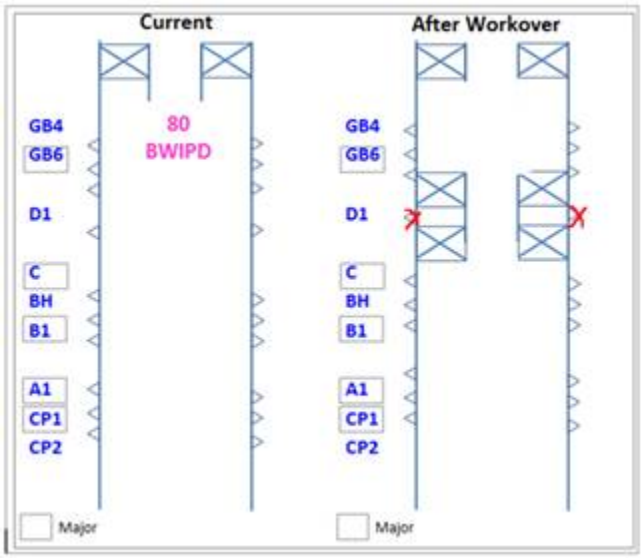
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Tech
SIGNATURE		**DATE**
N/A		10/10/2016

RECEIVED: Oct. 10, 2016

Federal 10-8-9-16

Procedure

- Trip out of hole w/ pkr/tbg
- Bit/scraper run, circulate acid to sit on all perfs, flowback acid in morning, trip out of hole
- Isolate D1 to B0.5 formations
- MIT



RECEIVED: Oct. 10, 2016

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Water Injection Well

8. WELL NAME and NUMBER: FEDERAL 10-8-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013330590000

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: 1837 FSL 1994 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 08 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		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 12/1/2016	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Workover MIT

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

The above subject well had workover procedures performed (isolate zone D1), attached is a daily status report. On 11/26/2016 Amy Doebele with the State of Utah was contacted concerning the MIT on the above listed well. On 12/01/2016 the csg was pressured up to 1300 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 934 psig during the test. There was a State representative available to witness the test - Amy Doebele.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
December 07, 2016

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 12/5/2016

Mechanical Integrity Test
Casing or Annulus Pressure Test

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

Witness: Amy Dockle **Date** 12/01/16 **Time** 11:48 (am) pm
Test Conducted by: Michael Jensen
Others Present: Jeremy Price

Well: Federal 10-8-9-16 **Field:** Monument Butte
Well Location: NW/SE Sec. 8, T9S, R16E **API No:** 43-013-33059

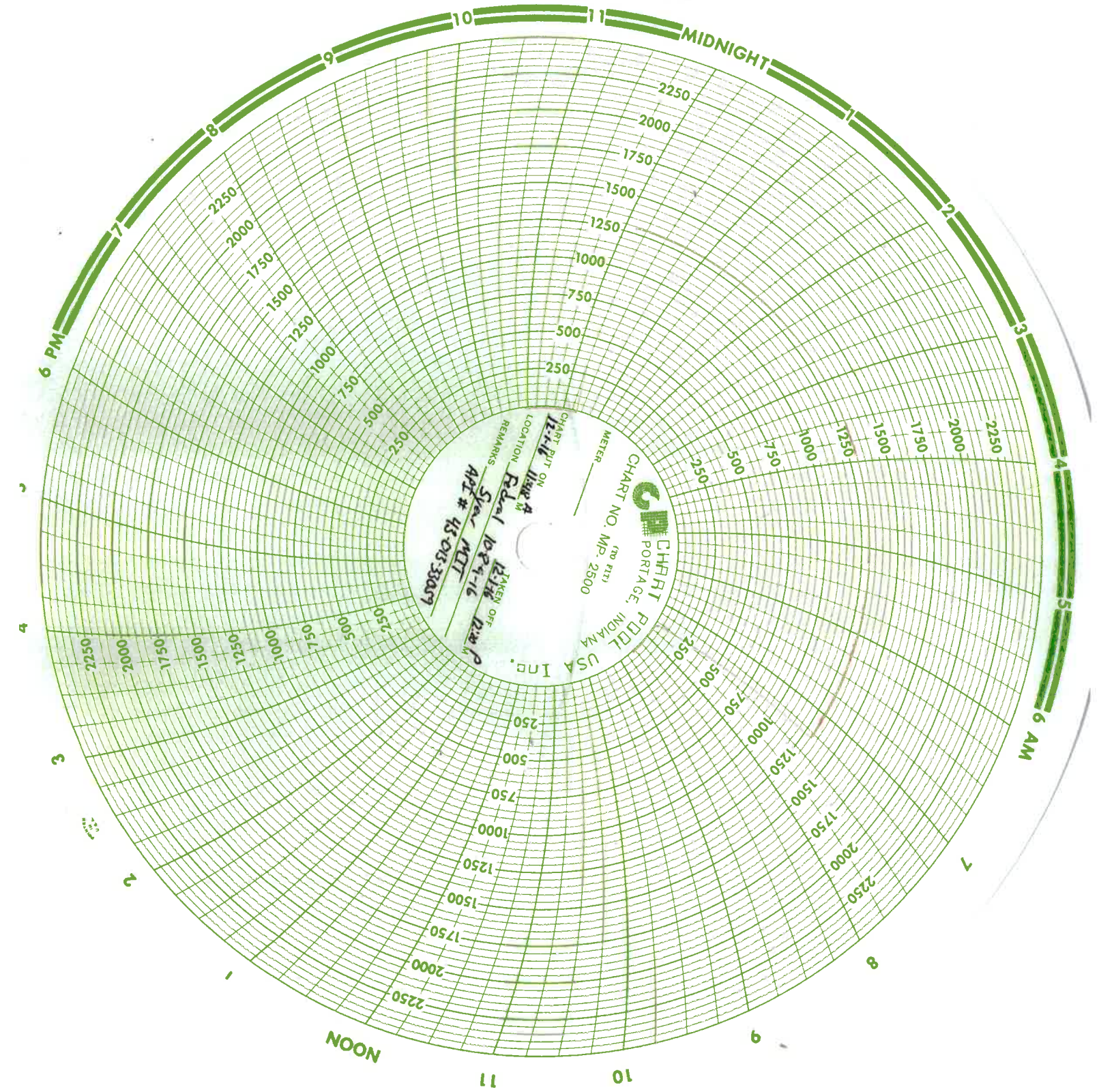
Time	Casing Pressure	
0 min	1290	psig
5	1290	psig
10	1300	psig
15	1300	psig
20		psig
25		psig
30 min		psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 934 psig

Result: (Pass) Fail

Signature of Witness: Amy Dockle
Signature of Person Conducting Test: Michael Jensen

Sundry Number: 76627 API Well Number: 43013330590000



NEWFIELD

Schematic

Well Name: Federal 10-8-9-16

Surface Legal Location	API/UWI	Well RC	Lease	State/Province	Field Name	County
08-9S-16E	43013330590000	500156696		Utah	GMBU CTB3	Duchesne

Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)
1/10/2007	2/21/2007	3/20/2007	5,895	5,883		Original Hole - 6,132.3

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Production / Workover		N/A	11/15/2016	12/1/2016

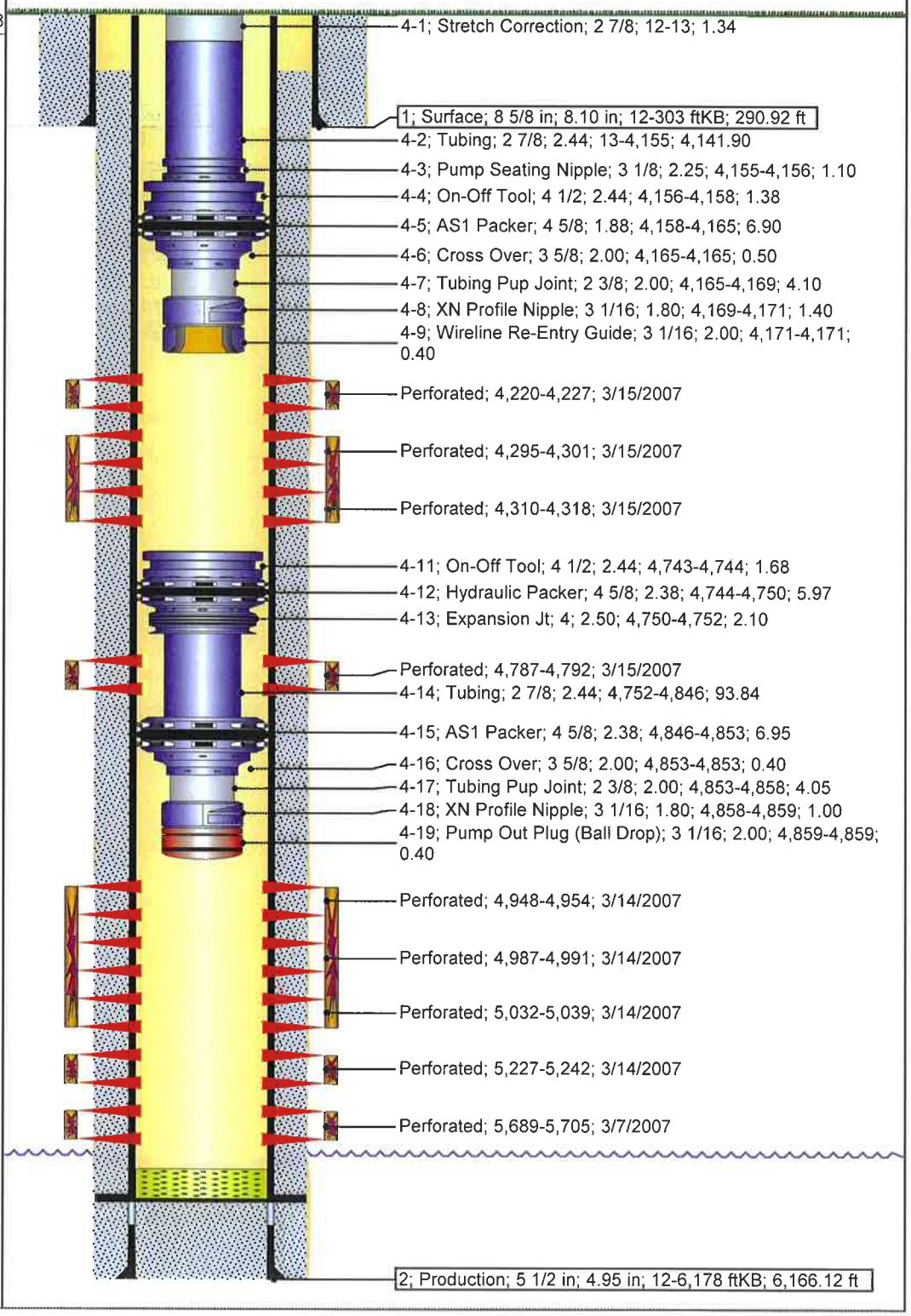
TD: 6,178.1

Vertical - Original Hole, 12/5/2016 9:04:15 AM

MD (ftKB)	TVD (ftKB)	Incl (°)
12.1	12.1	0.4
13.5	13.5	
47.9	47.9	0.4
302.2	302.2	
302.8	302.8	0.8
4,155.2	4,154.6	
4,156.5	4,155.9	2.0
4,157.8	4,157.2	
4,164.7	4,164.1	2.1
4,165.0	4,164.4	
4,169.3	4,168.7	2.1
4,170.6	4,170.0	
4,170.9	4,170.3	2.1
4,220.1	4,219.5	
4,227.0	4,226.4	2.3
4,294.9	4,294.2	
4,300.9	4,300.1	2.5
4,310.0	4,309.3	
4,317.9	4,317.2	2.5
4,742.5	4,741.4	
4,744.1	4,743.0	2.1
4,750.3	4,749.2	
4,752.3	4,751.2	2.1
4,787.1	4,785.9	
4,792.0	4,790.9	2.0
4,846.1	4,845.0	
4,853.0	4,851.9	2.0
4,853.3	4,852.2	
4,857.6	4,856.4	2.0
4,858.6	4,857.4	
4,858.9	4,857.8	2.0
4,948.2	4,946.9	
4,954.1	4,952.8	1.9
4,986.9	4,985.6	
4,991.1	4,989.9	1.8
5,032.2	5,030.9	
5,039.0	5,037.8	1.8
5,227.0	5,225.7	
5,242.1	5,240.7	1.9
5,689.0	5,687.4	
5,705.1	5,703.5	1.0
6,048.9	6,047.3	
6,132.2	6,130.6	1.0
6,132.9	6,131.3	
6,177.5	6,175.9	1.0
6,178.1	6,176.5	

DLS (°... 0.0 — 0.8

Vertical schematic (actual)



NEWFIELD

Vertical Wellbore Diagram Data
Federal 10-8-9-16

Surface Legal Location			API/UWI	Lease
08-9S-16E			43013330590000	
County	**State/Province**		**Basin**	**Field Name**
Duchesne	Utah			GMBU CTB3
Well Start Date	**Spud Date**		**Final Rig Release Date**	**On Production Date**
1/10/2007	1/10/2007		2/21/2007	3/20/2007
Original KB Elevation (ft)	**Ground Elevation (ft)**	**Total Depth (ftKB)**	**Total Depth All (TVD) (ftKB)**	**PBTD (All) (ftKB)**
5,895	5,883	6,178.1		Original Hole - 6,132.3

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	1/11/2007	8 5/8	8.10	24.00	J-55	303
Production	2/21/2007	5 1/2	4.95	15.50	J-55	6,178

Cement

String: Surface, 303ftKB 1/16/2007

Cementing Company	Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)
BJ Services Company	12.0	302.9	No	
Fluid Description	**Fluid Type**	**Amount (sacks)**	**Class**	**Estimated Top (ftKB)**
2% CaCL2 + 1/4#/sk Cello-Flake	Lead	160	G	12.0

String: Production, 6,178ftKB 2/21/2007

Cementing Company	Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)
BJ Services Company	48.0	6,178.1	No	
Fluid Description	**Fluid Type**	**Amount (sacks)**	**Class**	**Estimated Top (ftKB)**
10% gel + 3 % KCL, 3#'s /sk CSE + 2# sk/kolseal + 1/2#'s/sk Cello Flake	Lead	300	Premlite II	48.0
Fluid Description	**Fluid Type**	**Amount (sacks)**	**Class**	**Estimated Top (ftKB)**
2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM	Tail	450	50/50 POZ	3,113.0

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Pull Date
Fill	6,049	6,132	3/20/2009	

Perforation Intervals

Stage#	Top (ftKB)	Btm (ftKB)	Linked Zone	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
1	5,689	5,705	CP1, Original Hole	4	120		3/7/2007
2	5,227	5,242	A1, Original Hole	4	90		3/14/2007
3	4,948	4,954	C, Original Hole	4	90		3/14/2007
3	4,987	4,991	C, Original Hole	4	90		3/14/2007
3	5,032	5,039	B1, Original Hole	4	90		3/14/2007
4	4,787	4,792	D1, Original Hole	4	90		3/15/2007
5	4,295	4,301	GB6, Original Hole	4	90		3/15/2007
5	4,310	4,318	GB6, Original Hole	4	90		3/15/2007
6	4,220	4,227	GB4, Original Hole	4	90		3/15/2007

Pumping Summary

Interval Number	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Link to Proppant	Proppant Mass (lb)	Vol Clean Total (bbl)	Vol Slurry Total (bbl)	Vol Recov Total (bbl)
1	1,865	0.76	25.6	2,141	Sand, 20/40	70,351.0	0.00	0	0.00
2	2,700	0.95	25.5	2,043	Sand, 20/40	70,779.0	0.00	0	0.00
3	1,750	0.78	25.5	1,972	Sand, 20/40	60,246.0	0.00	0	0.00
4	1,740	0.8	25.5	2,069	Sand, 20/40	14,960.0	0.00	0	0.00
5	2,025	0.9	14.8	1,802	Sand, 20/40	40,023.0	0.00	0	0.00
6	2,030	0.91	25.5	2,289	Sand, 20/40	23,024.0	0.00	0	0.00

Tubing Strings

Tubing Description	Run Date	Set Depth (ftKB)
Tubing	11/21/2016	4,858.9

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Stretch Correction	1	2 7/8				1.34	12.0	13.3
Tubing	133	2 7/8	2.44	6.40	J-55	4,141.90	13.3	4,155.2
Pump Seating Nipple	1	3 1/8	2.25			1.10	4,155.2	4,156.3
On-Off Tool	1	4 1/2	2.44			1.38	4,156.3	4,157.7
AS1 Packer	1	4 5/8	1.88			6.90	4,157.7	4,164.6
Cross Over	1	3 5/8	2.00			0.50	4,164.6	4,165.1
Tubing Pup Joint	1	2 3/8	2.00			4.10	4,165.1	4,169.2
XN Profile Nipple	1	3 1/16	1.80			1.40	4,169.2	4,170.6
Wireline Re-Entry Guide	1	3 1/16	2.00			0.40	4,170.6	4,171.0
Space						571.53	4,171.0	4,742.6
On-Off Tool	1	4 1/2	2.44			1.68	4,742.6	4,744.2
Hydraulic Packer	1	4 5/8	2.38			5.97	4,744.2	4,750.2
Expansion Jt	1	4	2.50			2.10	4,750.2	4,752.3
Tubing	3	2 7/8	2.44	6.50	J-55	93.84	4,752.3	4,846.1
AS1 Packer	1	4 5/8	2.38			6.95	4,846.1	4,853.1

NEWFIELD

Vertical Wellbore Diagram Data
Federal 10-8-9-16

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Cross Over	1	3 5/8	2.00			0.40	4,853.1	4,853.5
Tubing Pup Joint	1	2 3/8	2.00			4.05	4,853.5	4,857.5
XN Profile Nipple	1	3 1/16	1.80			1.00	4,857.5	4,858.5
Pump Out Plug (Ball Drop)	1	3 1/16	2.00			0.40	4,858.5	4,858.9

Rod Strings

Rod Description	Run Date	Set Depth (ftKB)

Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

NEWFIELD

Job Detail Summary Report

Well Name: Federal 10-8-9-16

Jobs

Primary Job Type	Job Start Date	Job End Date
Reconfigure Tubing / Components	11/15/2016	12/1/2016

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
11/15/2016	11/15/2016	MIRUSU

Start Time	End Time	Comment
15:30	16:30	Rig move from the Canvasback 3-23-8-17 to location. 14mile rig move.
16:30	17:00	Pull guide wires off side of rig. Could not spot rig into well head, no T seal. Wait on T seal. Pull tubing equipment off trailer & make ready to rig up in the morning.
17:00	17:30	Rig service. Check brake linkage for wear & tear. Check fluids & add where needed. Grease rig where needed
17:30	18:00	Crew travel from location to Newfield office.

Report Start Date	Report End Date	24hr Activity Summary
11/16/2016	11/16/2016	MIRU WOR. NU BOPs. Release packer, circulate well clean. TOOH w/ injection tbg & TIH w/ bit & scraper.

Start Time	End Time	Comment
06:00	06:30	Crew travel
06:30	07:00	Safety meeting w/ rig crew & hot oiler
07:00	08:00	RU hoses to flowback tank. Open well to tank to flowback pressure.
08:00	09:00	MIRU WOR
09:00	10:30	ND wellhead. Release AS-1X packer. NU BOPs. RU rig floor & tbg equipment.
10:30	12:30	TOOH w/ injection tbg as follows: 133- jts 2-7/8" J-55 6.5# 8rd EUE tbg, 2-7/8" PSN, On/Off tool, Arrowset 1-X packer, 2-7/8" X 2-3/8" X-over, 4' X 2-3/8" J-55 6.5# 8rd EUE tbg sub. XN profile nipple, WL re-entry guide.
12:30	14:30	MU 4-3/4" tri-cone bit, csg scraper & PSN. TIH w/ 133- jts 2-7/8" J-55 6.5# 8rd EUE tbg from derrick.
14:30	16:30	Tally, PU & TIH w/ 50- jts 2-7/8" L-80 6.5# 8rd EUE tbg from tbg trailer, PU 10' X 2-7/8" L-80 tbg sub. EOT @ 5725' KB
16:30	17:00	Crew travel

Report Start Date	Report End Date	24hr Activity Summary
11/17/2016	11/17/2016	acidize well

Start Time	End Time	Comment
06:00	06:30	Crew travel
06:30	07:00	Safety meeting w/ rig crew, hot oiler & acid crew.
07:00	08:30	Rig up hot oiler to tubing & tried to flush. Tubing pressured up to 3000psi & would not flush. Rig down & rig up on casing. Flush casing with 40bbls water. Rig down & rig up on tubing. Flush tubing with 45bbls water. Tubing pressured up to 500psi two times then circulated @ 250psi. Pumped all water @ 250*. Pump paraffin solvent flush with hot oiler as shown-10gal paraffin solvent, 5bbls water, 10gal mutual solvent, & displace with 28bbls water. Pumped down tubing. Reverse circulate down casing & up tubing with 33bbls water to flush out.

NEWFIELD

Job Detail Summary Report

Well Name: Federal 10-8-9-16

Start Time	End Time	Comment
08:30	13:30	Rig up Western Chemical to pump acid job. Pump down tubing & up casing. #1 flush with pump truck=2.5bbls synthetic acid mixed with 10gal mutual solvent & 10 gal paraffin solvent. Displace acid flush to 5625' with 29.5bbls water. Rig pump truck down from tubing & rig up to casing. Reverse out 33bbls to pump first flush out of tubing. Rig pump truck back up to tubing. #2 flush with pump truck=Pump 10gal Mutual solvent, followed by 5bbls water as pre-flush to acid. Start acid & pump as shown-12.5bbls acid mixed 50/50 with 12.5bbls water. Acid/water flush had 10gal Iron Control, 10gal paraffin Solvent, 10gal Mutual Solvent, & 40gal H2S Scavenger added to the flush. Pumped down tubing & displace out of tubing with 33bbls water. Shut well in.
13:30	14:00	Service rig
14:00	14:30	Crew travel

Report Start Date	Report End Date	24hr Activity Summary
11/18/2016	11/18/2016	Circulate acid out. TOOH w/ bit & scraper. TIH w/ BHA.

Start Time	End Time	Comment
06:00	06:30	Crew travel
06:30	07:00	Safety meeting w/ rig crew & hot oiler
07:00	09:00	Reverse circulate well clean w/ 100 bbls fresh water.
09:00	10:00	Drop standing valve down tbg. Circulate SV down w/ 23 bbls fresh water. Pressure test tbg to 3800 psi (good test). RU sandline. RIH w/ fishing tool on sandline. Latch onto and retrieve SV. POOH w/ same.
10:00	11:00	TOOH & LD 28- jts 2-7/8" L-80 6.5# 8rd EUE tbg on trailer.
11:00	13:00	TOOH w/ 133- jts 2-7/8" J-55 6.5# 8rd EUE tbg & bit & scraper.
13:00	16:00	PU & TIH with Isolation packer assembly as shown-Inverted on/off tool=1.68, Hydraulic set packer=5.97, expansion joint=2.10, 3joints 2 7/8 L-80 tubing=93.84, 5 1/2 Arrow set packer=6.95, 2 7/8x2 3/8 cross over=.40, 2 3/8 L-80 tubing pup=4.05, X/N nipple=1.00, & ball drop pump out sub=.40. Total length of Isolation packer assembly=117.19. Run in hole on setting stinger=.80 & 152joints tubing, Top 19joints new L-80 tubing. C/E of Hydraulic set packer @4746.90, & arrow set packer @4849.44
16:00	17:00	Set Bottom Arrow set packer. Make sure packer set good. Pull up on tubing 15K over string weight, & set down on string 20K#. All looked good. Good set. Drop setting ball down tubing. Rig up hot oiler to tubing. Pump ball to seat with 10bbls water. Pressure tubing up to 3000psi. Let set for 30min. Pressure tubing up to 3400psi & pump out setting ball.
17:00	17:30	TOOH & LD 19- jts L-80 6.5# 8RD EUE tbg.
17:30	18:00	Service rig. RU heater and tarp in wellhead.
18:00	18:30	Crew travel

Report Start Date	Report End Date	24hr Activity Summary
11/21/2016	11/21/2016	POOH TBG, RIH Packer assembly, Test TBG, ND BOP, Roll packer fluid, Set PKR, Test CSG

Start Time	End Time	Comment
06:00	06:30	Crew Travel
06:30	07:00	Crew safety meeting, Discussed rig JSA

NEWFIELD

Job Detail Summary Report

Well Name: Federal 10-8-9-16

Start Time	End Time	Comment
07:00	08:00	POOH 133 JNTS
08:00	09:30	PU RIH W/ Wireline re-entry guide, 2 3/8" xn nipple, 2 3/8" 4' sub, X-over, 5 1/2" Arrow set packer, on/off 2 7/8" SN, 133- JNTS 2 7/8" J-55 TBG
09:30	10:00	Pump 10 BBL pad, drop standing valve, push to BTM W/ 15 BBLS, pressure up to 3125 psi
10:00	13:00	10:10-10:45 lost 25 psi (3100) 10:45-11:15 lost 25 psi (3075) 11:15-11:45 lost 15 psi (3060) 11:45-12:20 lost 5 psi (3055) 12:20-12:50 lost 0 psi (3055), good test blead pressure off
13:00	13:30	Retrieve standing valve
13:30	14:30	RD workfloor, ND BOP, Remove wellhead, green dope threads, tighten back up, install injection valve w/ 4' sub
14:30	15:00	Roll packer fluid W/ 70 bbls of fresh down CSG
15:00	16:00	Set PKR W/ 15,000 tension pulled into it, NU wellhead
16:00	17:00	Pressure CSG up to 1570 psi, loosing 40 psi first 30 min, and 30 psi second 30 min
17:00	17:30	Winterize wellhead, hook up heater, clean up for night, leave 1500psi on CSG
17:30	18:00	Crew Travel

Report Start Date	Report End Date	24hr Activity Summary
11/22/2016	11/22/2016	MIT test, RD workover

Start Time	End Time	Comment
06:00	06:30	Crew Travel to location
06:30	07:00	Crew safety meeting, Csg pressure 1255psi
07:00	08:00	RU for MIT test, test @ 1255psi, loosing 0psi RD workover rig
08:00	09:00	RD workover rig

Report Start Date	Report End Date	24hr Activity Summary
12/1/2016	12/1/2016	Conduct MIT w/ State Rep

Start Time	End Time	Comment
11:48	12:18	On 11/26/2016 Amy Doebele with the State of Utah was contacted concerning the MIT on the above listed well. On 12/01/2016 the csg was pressured up to 1300 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 934 psig during the test. There was a State representative available to witness the test - Amy Doebele.

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Water Injection Well

8. WELL NAME and NUMBER: FEDERAL 10-8-9-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013330590000

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: 1837 FSL 1994 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 08 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		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☑ SUBSEQUENT REPORT Date of Work Completion: 12/1/2016	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☑ OTHER	OTHER: Well Clean Out

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

On 12/01/2016, the well clean out was completed on the above mentioned well. See attached rig summary report.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
December 30, 2016

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Tech
SIGNATURE N/A		**DATE** 12/20/2016

NEWFIELD

Summary Rig Activity

Well Name: Federal 10-8-9-16

Job Category	Job Start Date	Job End Date
Production / Workover	11/15/2016	12/1/2016

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
11/15/2016	11/15/2016	MIRUSU

Start Time	End Time	Comment
15:30	16:30	Rig move from the Canvasback 3-23-8-17 to location. 14mile rig move.
16:30	17:00	Pull guide wires off side of rig. Could not spot rig into well head, no T seal. Wait on T seal. Pull tubing equipment off trailer & make ready to rig up in the morning.
17:00	17:30	Rig service. Check brake linkage for wear & tear. Check fluids & add where needed. Grease rig where needed
17:30	18:00	Crew travel from location to Newfield office.

Report Start Date	Report End Date	24hr Activity Summary
11/16/2016	11/16/2016	MIRU WOR. NU BOPs. Release packer, circulate well clean. TOOH w/ injection tbg & TIH w/ bit & scraper.

Start Time	End Time	Comment
06:00	06:30	Crew travel
06:30	07:00	Safety meeting w/ rig crew & hot oiler
07:00	08:00	RU hoses to flowback tank. Open well to tank to flowback pressure.
08:00	09:00	MIRU WOR
09:00	10:30	ND wellhead. Release AS-1X packer. NU BOPs. RU rig floor & tbg equipment.
10:30	12:30	TOOH w/ injection tbg as follows: 133- jts 2-7/8" J-55 6.5# 8rd EUE tbg, 2-7/8" PSN, On/Off tool, Arrowset 1-X packer, 2-7/8" X 2-3/8" X-over, 4' X 2-3/8" J-55 6.5# 8rd EUE tbg sub. XN profile nipple, WL re-entry guide.
12:30	14:30	MU 4-3/4" tri-cone bit, csg scraper & PSN. TIH w/ 133- jts 2-7/8" J-55 6.5# 8rd EUE tbg from derrick.
14:30	16:30	Tally, PU & TIH w/ 50- jts 2-7/8" L-80 6.5# 8rd EUE tbg from tbg trailer, PU 10' X 2-7/8" L-80 tbg sub. EOT @ 5725' KB
16:30	17:00	Crew travel

Report Start Date	Report End Date	24hr Activity Summary
11/17/2016	11/17/2016	acidize well

Start Time	End Time	Comment
06:00	06:30	Crew travel
06:30	07:00	Safety meeting w/ rig crew, hot oiler & acid crew.
07:00	08:30	Rig up hot oiler to tubing & tried to flush. Tubing pressured up to 3000psi & would not flush. Rig down & rig up on casing. Flush casing with 40bbls water. Rig down & rig up on tubing. Flush tubing with 45bbls water. Tubing pressured up to 500psi two times then circulated @ 250psi. Pumped all water @ 250*. Pump paraffin solvent flush with hot oiler as shown-10gal paraffin solvent, 5bbls water, 10gal mutual solvent, & displace with 28bbls water. Pumped down tubing. Reverse circulate down casing & up tubing with 33bbls water to flush out.

NEWFIELD

Summary Rig Activity

Well Name: Federal 10-8-9-16

Start Time	End Time	Comment
08:30	13:30	Rig up Western Chemical to pump acid job. Pump down tubing & up casing. #1 flush with pump truck=2.5bbls synthetic acid mixed with 10gal mutual solvent & 10 gal paraffin solvent. Displace acid flush to 5625' with 29.5bbls water. Rig pump truck down from tubing & rig up to casing. Reverse out 33bbls to pump first flush out of tubing. Rig pump truck back up to tubing. #2 flush with pump truck=Pump 10gal Mutual solvent, followed by 5bbls water as pre-flush to acid. Start acid & pump as shown-12.5bbls acid mixed 50/50 with 12.5bbls water. Acid/water flush had 10gal Iron Control, 10gal paraffin Solvent, 10gal Mutual Solvent, & 40gal H2S Scavenger added to the flush. Pumped down tubing & displace out of tubing with 33bbls water. Shut well in.
13:30	14:00	Service rig
14:00	14:30	Crew travel

Report Start Date	Report End Date	24hr Activity Summary
11/18/2016	11/18/2016	Circulate acid out. TOOH w/ bit & scraper. TIH w/ BHA.

Start Time	End Time	Comment
06:00	06:30	Crew travel
06:30	07:00	Safety meeting w/ rig crew & hot oiler
07:00	09:00	Reverse circulate well clean w/ 100 bbls fresh water.
09:00	10:00	Drop standing valve down tbg. Circulate SV down w/ 23 bbls fresh water. Pressure test tbg to 3800 psi (good test). RU sandline. RIH w/ fishing tool on sandline. Latch onto and retrieve SV. POOH w/ same.
10:00	11:00	TOOH & LD 28- jts 2-7/8" L-80 6.5# 8rd EUE tbg on trailer.
11:00	13:00	TOOH w/ 133- jts 2-7/8" J-55 6.5# 8rd EUE tbg & bit & scraper.
13:00	16:00	PU & TIH with Isolation packer assembly as shown-Inverted on/off tool=1.68, Hydraulic set packer=5.97, expansion joint=2.10, 3joints 2 7/8 L-80 tubing=93.84, 5 1/2 Arrow set packer=6.95, 2 7/8x2 3/8 cross over=.40, 2 3/8 L-80 tubing pup=4.05, X/N nipple=1.00, & ball drop pump out sub=.40. Total length of Isolation packer assembly=117.19. Run in hole on setting stinger=.80 & 152joints tubing, Top 19joints new L-80 tubing. C/E of Hydraulic set packer @4746.90, & arrow set packer @4849.44
16:00	17:00	Set Bottom Arrow set packer. Make sure packer set good. Pull up on tubing 15K over string weight, & set down on string 20K#. All looked good. Good set. Drop setting ball down tubing. Rig up hot oiler to tubing. Pump ball to seat with 10bbls water. Pressure tubing up to 3000psi. Let set for 30min. Pressure tubing up to 3400psi & pump out setting ball.
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Start Time	End Time	Comment
06:00	06:30	Crew Travel
06:30	07:00	Crew safety meeting, Discussed rig JSA

NEWFIELD

Summary Rig Activity

Well Name: Federal 10-8-9-16

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07:00	08:00	POOH 133 JNTS
08:00	09:30	PU RIH W/ Wireline re-entry guide, 2 3/8" xn nipple, 2 3/8" 4' sub, X-over, 5 1/2" Arrow set packer, on/off 2 7/8" SN, 133- JNTS 2 7/8" J-55 TBG
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06:00	06:30	Crew Travel to location
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